
DELAWARE VITAL STATISTICS ANNUAL REPORT 2018



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

John Carney, Governor
State of Delaware

Kara Odom Walker, MD, MPH, MSHS, Secretary
Delaware Department of Health and Social Services

DELAWARE VITAL STATISTICS ANNUAL REPORT

2018

**Division of Public Health
Delaware Health Statistics Center**

417 Federal Street
Dover, DE 19901
Telephone 302-744-4541
FAX 302-739-4784

Karyl T. Rattay, MD, MS
Director
Division of Public Health
Delaware Department of Health and Social Services



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PREFACE

I am pleased to present the 2018 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 2018 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
Delaware Division of Public Health

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Questions or comments about this report may be directed to:

State of Delaware
Delaware Department of Health and Social Services
Division of Public Health
Delaware Health Statistics Center
417 Federal Street
Dover, Delaware 19901
302-744-4541
FAX 302-739-6631

Visit our website at:

<http://www.dhss.delaware.gov/dhss/dph/hp/healthstats.html>

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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 by 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 12 percent decrease in the overall number of births from 2008 to 2018, there was a 17 percent increase in the number of births to women aged 30 and older. The number of single women aged 30 and older also increased 51 percent during this same time period.
- Delaware females born in 2018, can expect to live an average of 81.6 years versus males who could expect to live 75.4 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 2014-2018.
- Opioid drug overdose deaths increased 940 percent from 35 deaths in 2000 to 364 deaths in 2018.

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

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

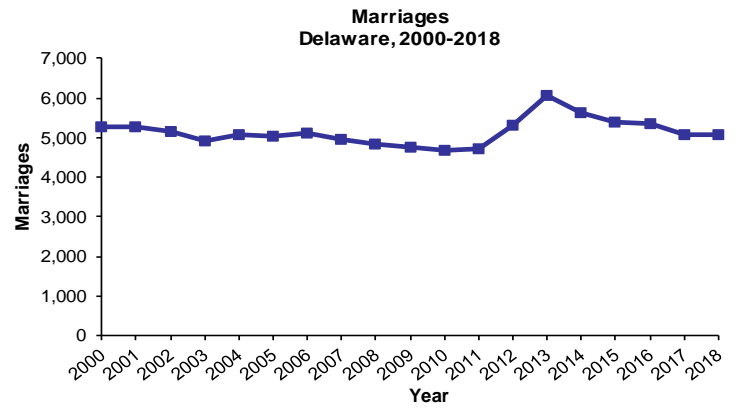
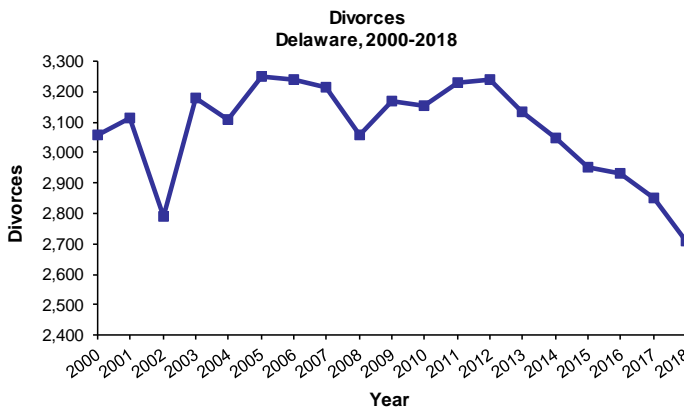
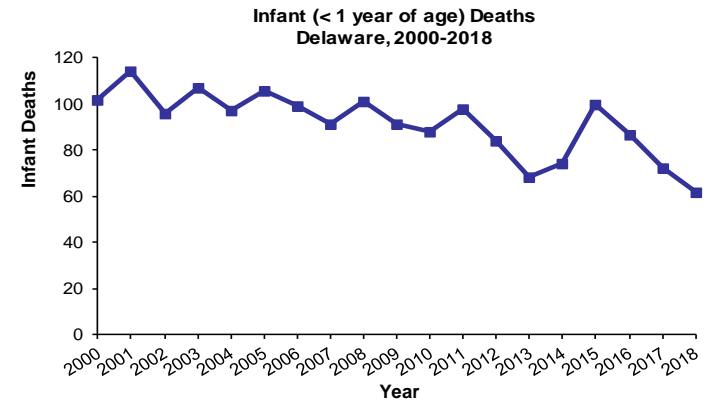
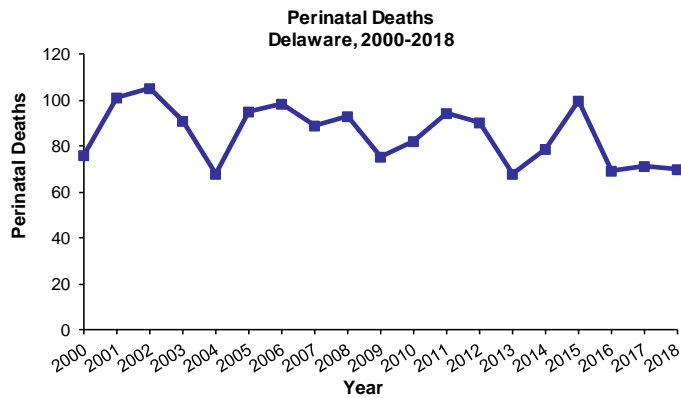
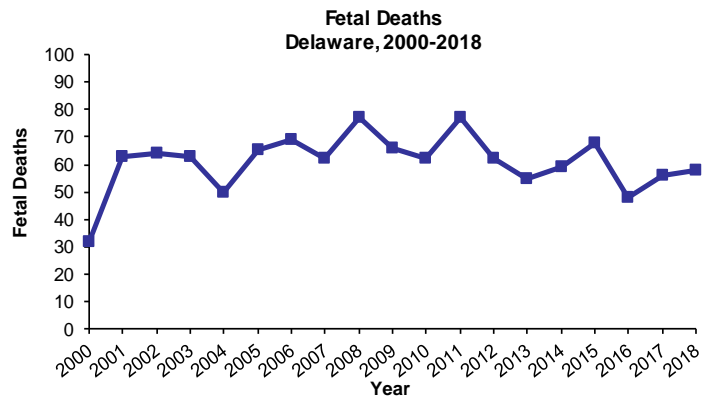
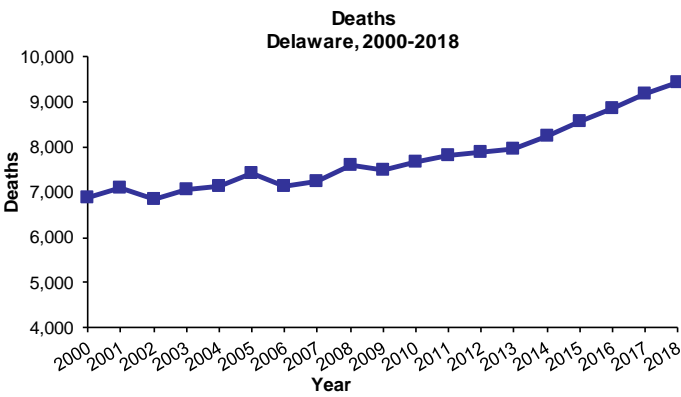
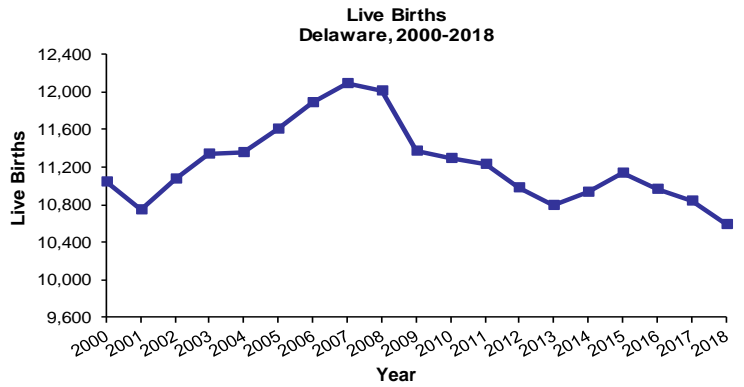
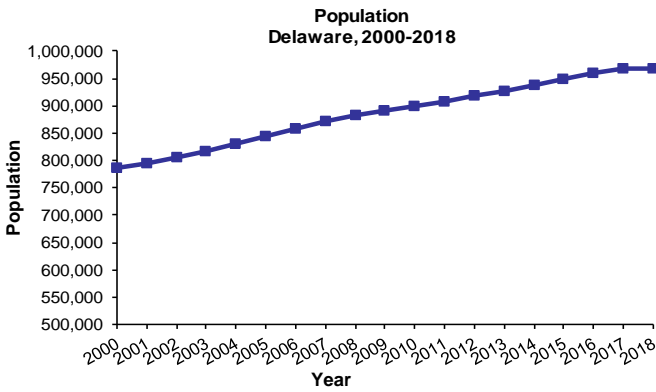
$$\text{Divorce Rate} = \frac{\text{Number of Divorces and Annulments}}{\text{Total Population}} \times 1,000$$

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

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

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

Figure 2. Vital Statistics, Delaware, 2000-2018



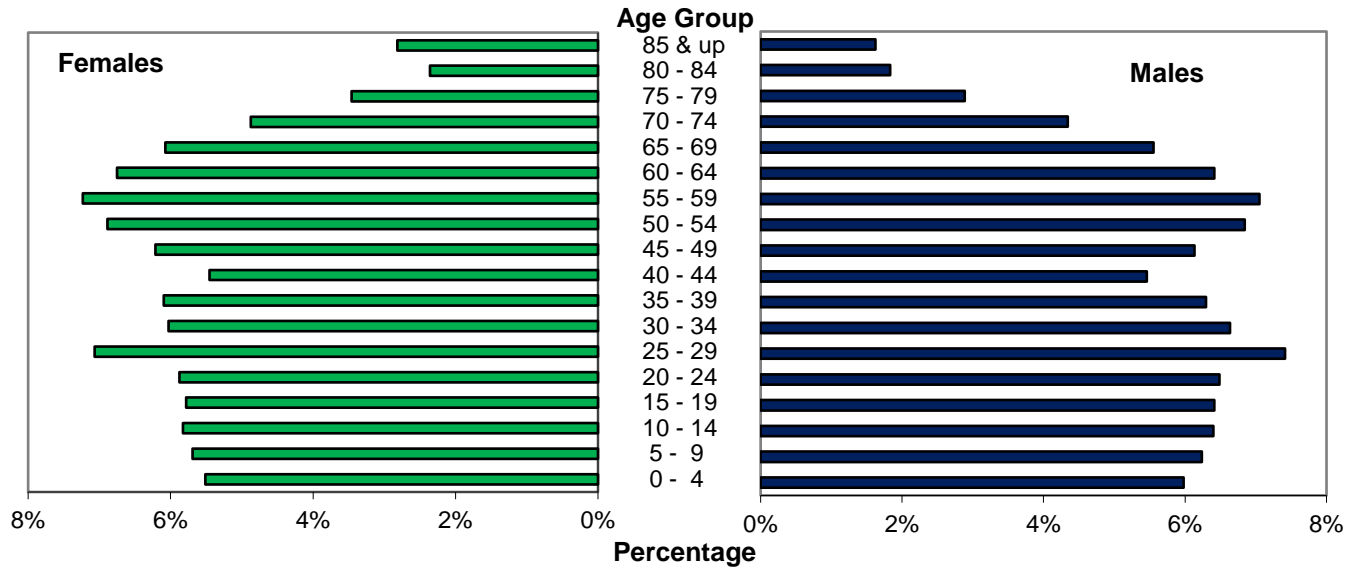
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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Population

In 2018, 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 2018 can expect to live an average of 81.6 years versus males who can expect to live 75.4 years.

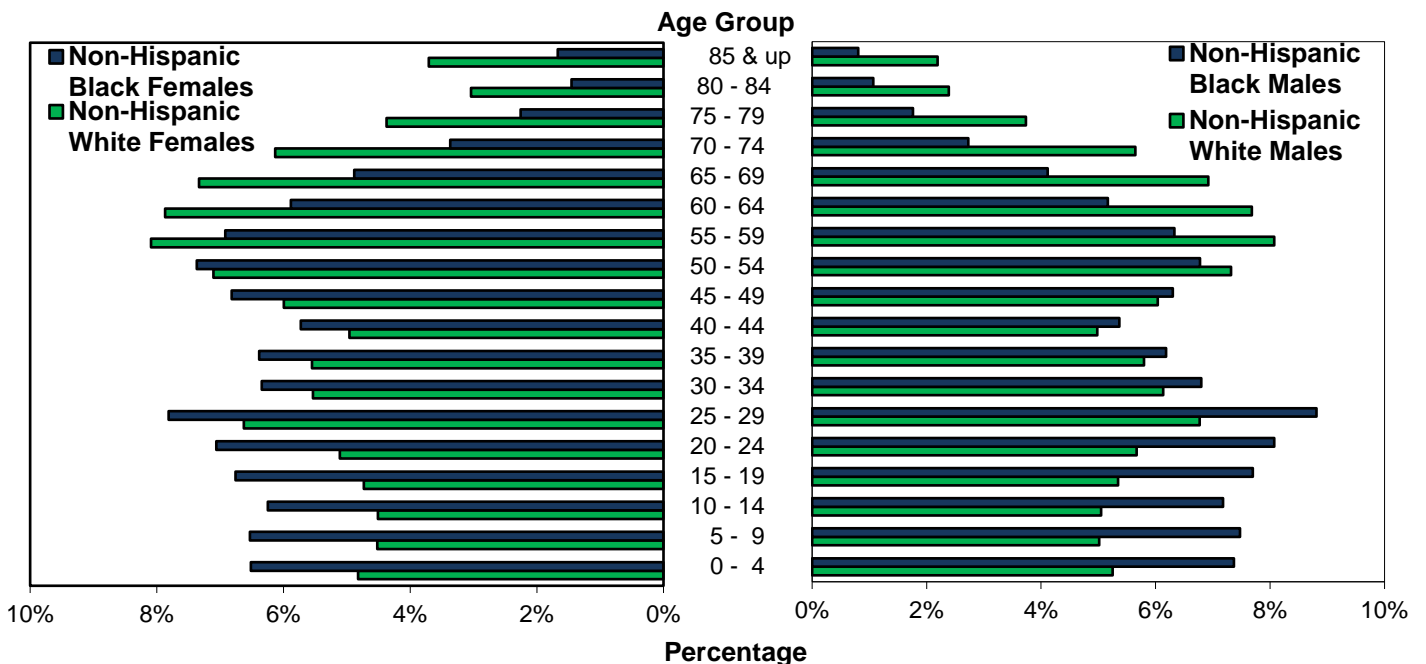
Figure 3. Population by Gender, Delaware, 2018



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 0-49 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. Non-Hispanic Population by Gender and Race, Delaware, 2018



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 2018, county populations grew annually by 2.3 percent for Kent, 0.7 percent for New Castle, and 2.5 percent for Sussex. Delaware's statewide increase was 1.3 percent.

In 2018, 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 six residents was 65 or older.

Over half of Delaware's total population resides in New Castle County, 58%.

Figure 6. Percent of Population by County, Delaware, 2018

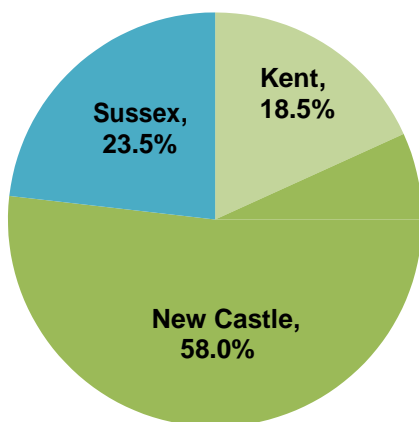
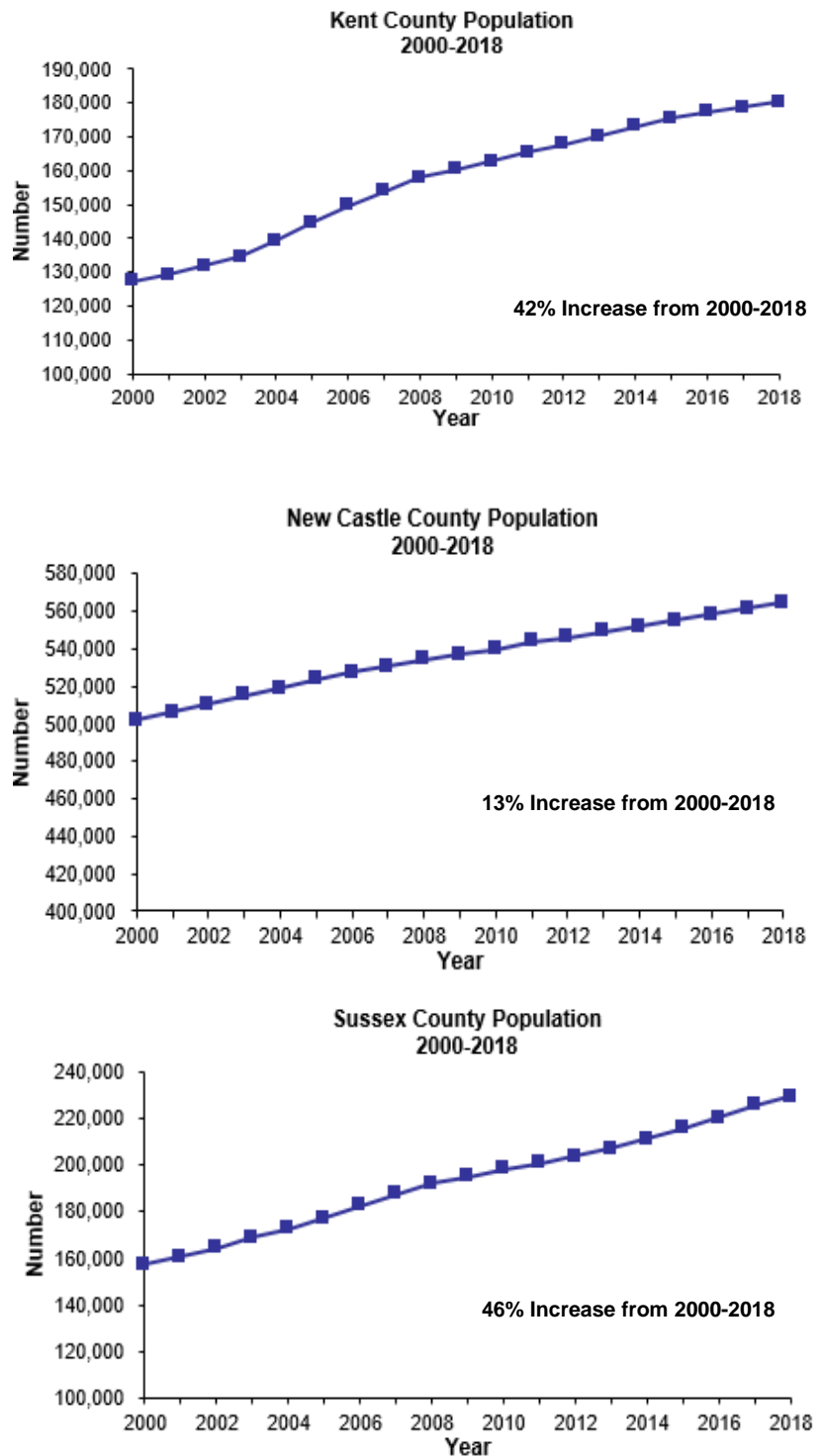


Figure 5. Resident Population by County, Delaware, 2000-2018



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

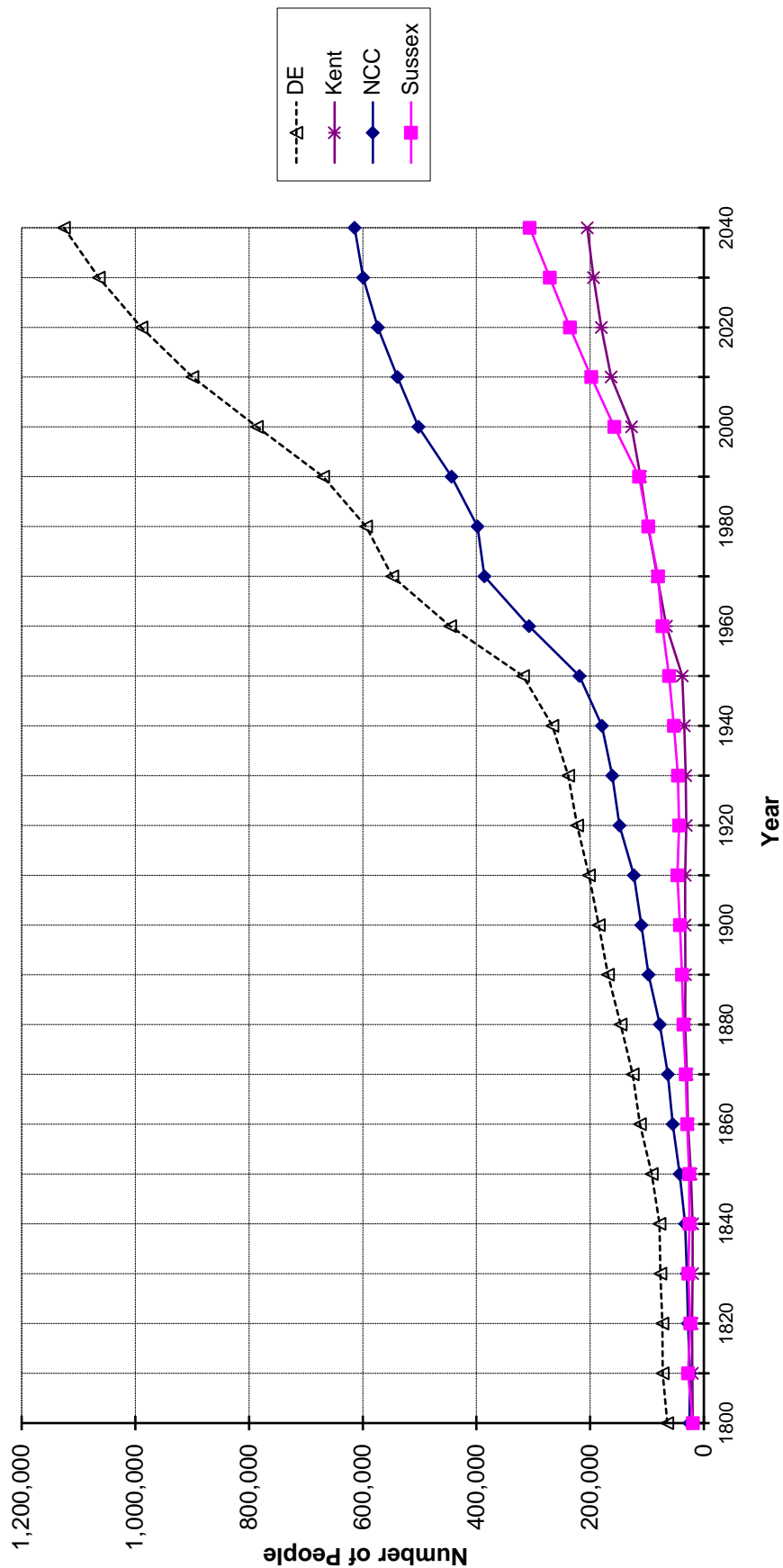
TABLE A-1. PERCENT CHANGE IN POPULATION BY SEX, COUNTY, CITY OF DOVER, CITY OF NEWARK, AND CITY OF WILMINGTON, DELAWARE, 1970-2020

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												
Male	548,104	594,338	8.4	666,168	12.1	786,393	18.0	900,429	14.5	989,803	9.9	25.9
Female	267,332	286,599	7.2	322,966	12.7	381,690	18.2	436,075	14.2	479,718	10.0	25.7
	280,772	307,739	9.6	343,202	11.5	404,703	17.9	464,354	14.7	510,085	9.8	26.0
Kent												
Male	81,892	98,219	19.9	110,993	13.0	127,230	14.6	162,847	28.0	183,242	12.5	44.0
Female	41,337	48,254	16.7	54,300	12.5	61,325	12.9	78,339	27.7	87,701	12.0	43.0
	40,555	49,965	23.2	56,693	13.5	65,905	16.2	84,508	28.2	95,541	13.1	45.0
Dover												
Male	17,488	23,512	34.4	27,630	17.5	32,135	16.3	36,047	12.2	38,304	6.3	19.2
Female	8,319	11,695	40.6	13,408	14.6	15,114	12.7	16,738	10.7	17,801	6.4	17.8
	9,169	11,817	28.9	14,222	20.4	17,021	19.7	19,309	13.4	20,502	6.2	20.5
New Castle												
Male	385,856	398,115	3.2	441,946	11.0	501,846	13.6	539,642	7.5	571,165	5.8	13.8
Female	187,124	191,176	2.2	213,869	11.9	243,587	13.9	261,055	7.2	277,440	6.3	13.9
	198,732	206,939	4.1	228,077	10.2	258,259	13.2	278,587	7.9	293,725	5.4	13.7
Newark												
Male	20,757	25,247	21.6	26,463	4.8	28,457	7.5	31,454	10.5	34,688	10.3	21.9
Female	10,242	11,993	17.1	12,408	3.5	13,085	5.5	14,682	12.2	16,234	10.6	24.1
	10,515	13,254	26.0	14,055	6.0	15,372	9.4	16,772	9.1	18,454	10.0	20.1
Wilmington												
Male	80,386	70,195	-12.7	71,529	1.9	72,730	1.7	70,922	-2.5	71,397	0.7	-1.8
Female	36,968	31,458	-14.9	33,249	5.7	34,759	4.5	33,720	-3.0	34,004	0.8	-2.2
	43,418	38,737	-10.8	38,280	-1.2	37,971	-0.8	37,202	-2.0	37,393	0.5	-1.5
Sussex												
Male	80,356	98,004	22.0	113,229	15.5	157,317	38.9	197,940	25.8	235,396	18.9	49.6
Female	38,871	47,169	21.3	54,797	16.2	76,778	40.1	96,681	25.9	114,577	18.5	49.2
	41,485	50,835	22.5	58,432	14.9	80,539	37.8	101,259	25.7	120,819	19.3	50.0

Note:
*Numbers for this year are projections.

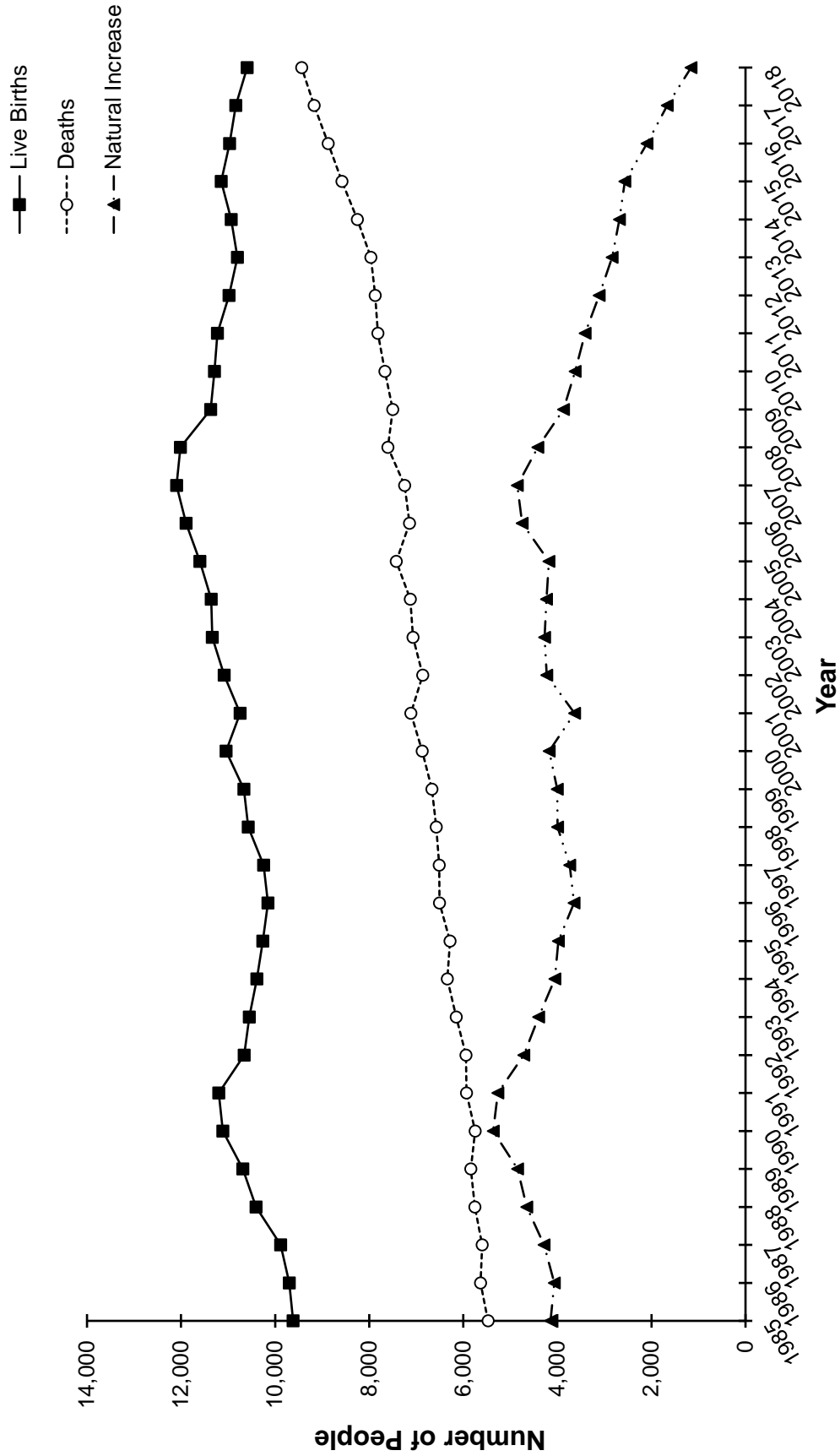
Sources:
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center,
Delaware Population Consortium
U.S. Bureau of the Census

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, 1985-2018



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, COUNTY, CITY OF NEWARK, AND CITY OF WILMINGTON, DELAWARE, 2018

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	974,051	55,912	58,025	59,451	59,307	60,109	70,470	61,586	60,312	53,153	60,143	66,876	69,599	64,174	56,712	44,973	30,978	20,464	21,807
Male	472,135	28,240	29,459	30,208	30,286	30,625	35,001	31,330	29,720	25,775	28,955	32,319	33,293	30,278	26,221	20,506	13,618	8,636	7,665
Non-Hispanic White	294,096	15,433	14,741	14,849	15,717	16,678	19,917	18,038	17,044	14,651	17,763	21,529	23,734	22,587	20,350	16,611	10,991	7,021	6,442
Non-Hispanic Black	99,383	7,323	7,428	7,133	7,652	8,022	8,759	6,757	6,145	5,336	6,261	6,735	6,288	5,135	4,090	2,710	1,748	1,063	798
Female	501,916	27,672	28,566	29,243	29,243	29,021	29,484	35,469	30,256	30,592	27,378	31,188	34,557	36,306	33,896	30,491	24,467	17,360	11,828
Non-Hispanic White	313,813	15,132	14,189	14,153	14,842	16,029	20,796	17,375	17,414	15,564	18,814	22,294	25,387	24,686	23,012	19,242	13,715	9,538	11,631
Non-Hispanic Black	110,491	7,201	7,217	6,900	7,466	7,801	8,633	7,010	7,053	6,330	7,536	8,140	7,645	6,500	5,394	3,722	2,492	1,607	1,844
Kent	180,396	11,506	11,666	12,055	12,228	11,637	14,228	11,814	10,885	9,673	10,921	12,078	11,934	10,597	9,254	7,656	5,403	3,568	3,293
Male	86,379	5,755	5,858	6,100	6,232	5,958	7,061	5,876	5,148	4,430	5,176	5,732	5,696	4,879	4,236	3,426	2,272	1,427	1,117
Non-Hispanic White	55,243	3,548	3,318	3,377	3,506	3,427	3,735	3,676	3,396	2,865	3,439	3,939	4,051	3,500	3,099	2,665	1,737	1,088	877
Non-Hispanic Black	20,069	1,482	1,480	1,478	1,589	1,551	2,372	1,321	1,008	922	1,166	1,258	1,188	990	845	598	390	253	178
Female	94,017	5,751	5,808	5,955	5,996	5,679	7,167	5,938	5,737	5,243	5,745	6,346	6,238	5,718	5,018	4,230	3,131	2,141	2,176
Non-Hispanic White	58,574	3,549	3,280	3,091	3,259	3,115	3,492	3,671	3,592	3,249	3,612	4,197	4,307	3,939	3,554	3,109	2,296	1,622	1,640
Non-Hispanic Black	22,586	1,488	1,423	1,483	1,515	1,553	2,675	1,405	1,293	1,174	1,376	1,468	1,342	1,263	1,047	794	560	361	366
New Castle	564,568	32,794	33,994	34,818	35,221	36,464	45,024	37,540	37,347	32,673	36,757	39,415	39,915	35,798	29,777	21,605	14,343	9,629	11,454
Male	274,207	16,590	17,296	17,716	17,996	18,713	22,125	19,181	18,433	16,062	17,687	19,096	19,071	16,951	13,709	9,655	6,163	3,924	3,839
Non-Hispanic White	157,419	8,468	8,047	8,031	8,650	9,425	12,525	10,470	9,708	8,380	9,963	11,689	12,663	11,844	9,843	7,149	4,556	2,933	3,075
Non-Hispanic Black	66,324	4,753	4,936	4,666	5,102	5,523	5,403	4,544	4,333	3,777	4,384	4,624	4,240	3,398	2,695	1,734	1,062	663	487
Female	290,361	16,204	16,698	17,102	17,225	17,751	22,899	18,359	18,914	16,611	19,070	20,319	20,844	18,847	16,068	11,950	8,180	5,705	7,615
Non-Hispanic White	167,673	8,269	7,693	7,763	8,230	9,064	13,755	9,812	9,927	8,534	10,456	11,982	13,474	12,680	11,137	8,593	5,952	4,270	6,082
Non-Hispanic Black	74,089	4,658	4,813	4,501	5,022	5,263	5,076	4,737	4,901	4,490	5,354	5,692	5,286	4,437	3,621	2,438	1,561	1,052	1,187
Wilmington*	71,086	5,021	5,003	4,545	4,372	4,139	4,576	5,421	5,993	4,501	4,416	4,503	4,641	4,154	3,362	2,397	1,632	1,096	1,314
Male	33,839	2,505	2,489	2,261	2,217	2,072	2,381	2,608	2,936	2,195	2,114	2,111	2,194	1,898	1,521	1,007	610	387	333
Non-Hispanic White	10,380	465	517	364	284	270	358	1,020	1,278	964	797	748	772	735	658	511	285	173	181
Non-Hispanic Black	19,874	1,663	1,607	1,552	1,625	1,565	1,758	1,312	1,316	1,007	1,123	1,187	1,285	1,054	768	444	286	192	130
Female	37,247	2,516	2,514	2,284	2,155	2,067	2,195	2,813	3,057	2,306	2,302	2,392	2,447	2,256	1,841	1,390	1,022	709	981
Non-Hispanic White	10,457	466	509	364	314	272	309	996	1,240	791	677	607	666	718	703	588	428	273	536
Non-Hispanic Black	23,235	1,683	1,647	1,585	1,541	1,559	1,661	1,536	1,520	1,274	1,435	1,599	1,641	1,405	1,056	739	544	397	413
Sussex	229,087	11,612	12,365	12,578	11,858	12,008	11,218	12,232	12,080	10,807	12,465	15,383	17,750	17,779	17,681	15,712	11,232	7,267	7,060
Male	111,549	5,895	6,305	6,392	6,058	5,954	5,815	6,273	6,139	5,283	6,092	7,491	8,526	8,448	8,276	8,047	8,031	8,650	9,425
Non-Hispanic White	81,434	3,417	3,376	3,441	3,561	3,826	3,657	3,892	3,940	3,406	4,361	5,901	7,020	7,243	7,408	6,797	4,698	3,000	2,490
Non-Hispanic Black	12,990	1,088	1,012	989	961	948	984	892	804	637	711	853	860	747	550	378	296	147	133
Female	117,538	5,717	6,060	6,186	5,800	6,054	5,403	5,959	5,941	5,524	6,373	7,892	9,224	9,331	9,405	8,287	6,049	3,982	4,351
Non-Hispanic White	87,566	3,314	3,299	3,299	3,353	3,850	3,549	3,892	3,895	3,781	4,746	6,115	7,606	8,067	8,321	7,540	5,467	3,646	3,909
Non-Hispanic Black	13,816	1,055	981	916	929	985	882	868	859	666	806	980	1,017	800	726	490	371	194	291

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 2018 there were 5,066 marriages and 2,709 divorces in Delaware. Over half of all divorces in 2018 were of marriages that lasted less than 10 years.

Marriage

Male

Youngest: 18
Oldest: 94

Female

Youngest: 17
Oldest: 88

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

Most popular month to get married: September.

Divorce

Male

Youngest: 19
Oldest: 90

Female

Youngest: 19
Oldest: 85

Shortest duration of marriage: 33 days

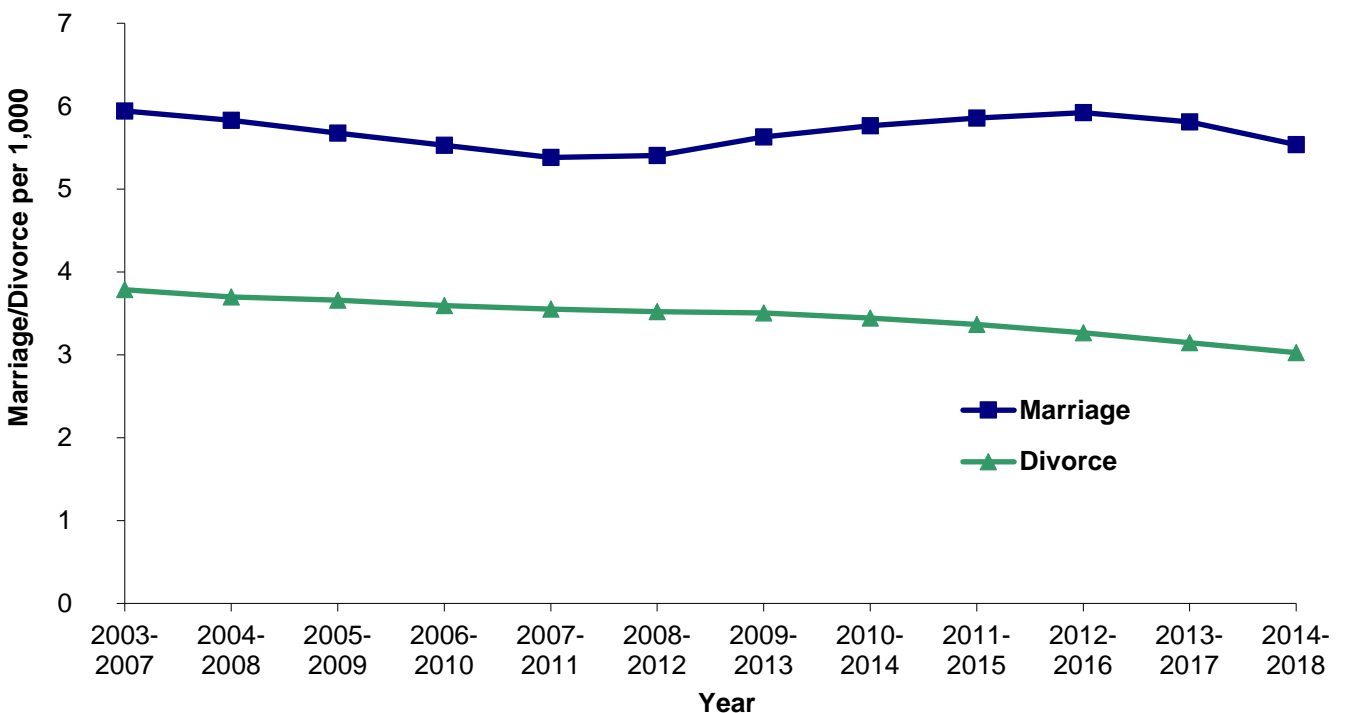
Longest duration of marriage: 57 years

Median duration of marriage: 10 years

Total children under 18 years of age: 1,614

Between 2003-2007 and 2014-2018, the five-year average marriage rate decreased from 5.9 to 5.5 marriages per 1,000 population. The five-year average divorce rate declined 21 percent from 3.8 in 2003-2007 to 3.0 divorces per 1,000 population in 2014-2018.

Figure 7. Five-year Average Marriage and Divorce Rates, per 1,000 Population, Delaware, 2003-2018



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, 2003-2018

Year	U.S.	Delaware	Kent	New Castle	Sussex
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
2018	*	5,066	881	2,621	1,564

Note:

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

* U.S. population numbers for 2018 were not available at the time of this posting.

Sources: National Center for Health Statistics

Delaware Department of 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, 2003-2018

Years	U.S.	Delaware	Kent	New Castle	Sussex
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
2014-2018	*	5.5	5.1	4.8	7.9

Note:

U.S. rates are based on NCHS estimate.

* U.S. population numbers for 2018 were not available at the time of this posting, therefore rates could not be calculated.

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, 2018

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	2,970	91.1	77	7.9	5	13.5	72	38.9	76	21.7	32	12.6
Non-Hispanic Black	139	4.3	873	89.1	0	0.0	11	5.9	30	8.6	25	9.8
Non-Hispanic American Indian	11	0.3	0	0.0	27	73.0	2	1.1	0	0.0	2	0.8
Non-Hispanic Asian/Pacific Islander	26	0.8	2	0.2	1	2.7	93	50.3	4	1.1	3	1.2
Non-Hispanic Other	62	1.9	15	1.5	1	2.7	3	1.6	230	65.7	12	4.7
Hispanic	52	1.6	13	1.3	3	8.1	4	2.2	10	2.9	180	70.9

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, 2018

Previous Marital Status	Race					
	All Races		White NonHispanic		Black NonHispanic	
	Number	Percent	Number	Percent	Number	Percent
Groom						
Single	3,423	67.6	2,149	66.5	680	63.1
Widowed	79	1.6	48	1.5	24	2.2
Divorced	1,563	30.9	1,035	32.0	374	34.7
Bride						
Single	3,554	70.2	2,240	68.7	675	68.9
Widowed	76	1.5	48	1.5	25	2.6
Divorced	1,436	28.3	972	29.8	280	28.6

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, 2018

Marriage Order	Type of Ceremony	Race					
		All Races		White NonHispanic		Black NonHispanic	
		Number	Percent	Number	Percent	Number	Percent
Groom							
First Marriage	Civil	2,447	71.5	1,736	80.8	387	56.9
	Religious	976	28.5	413	19.2	293	43.1
Remarriage	Civil	1,069	65.1	765	70.6	231	58.0
	Religious	574	34.9	318	29.4	167	42.0
Bride							
First Marriage	Civil	2,516	70.8	1,809	80.8	379	56.1
	Religious	1,038	29.2	431	19.2	296	43.9
Remarriage	Civil	1,000	66.1	730	71.6	181	59.3
	Religious	512	33.9	290	28.4	124	40.7

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, 2018

Marriage Order	Race					
	All Races		White NonHispanic		Black NonHispanic	
	Median	Mean	Median	Mean	Median	Mean
Groom						
First Marriage	30	31	29	31	32	34
Remarriage	48	49	49	50	47	48
Bride						
First Marriage	28	30	28	30	31	32
Remarriage	45	46	47	47	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, 2018

Marriage Order	Age	Race						
		All Races		Non-Hispanic White		Non-Hispanic Black		
		Number	Percent	Number	Percent	Number	Percent	
Groom								
All Marriages	<20	34	0.7	21	0.6	8	0.7	
	20-29	1,710	33.8	1,124	34.8	284	26.3	
	30-39	1,647	32.5	1,019	31.5	340	31.5	
	40-49	787	15.5	460	14.2	224	20.8	
	50-64	686	13.5	443	13.7	189	17.5	
	65+	202	4.0	165	5.1	33	3.1	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	34	1.0	21	1.0	8	1.2
		20-29	1,642	48.0	1,082	50.3	266	39.1
		30-39	1,299	37.9	808	37.6	258	37.9
		40-49	290	8.5	146	6.8	92	13.5
		50-64	136	4.0	72	3.4	54	7.9
		65+	22	0.6	20	0.9	2	0.3
		Unk	0	0.0	0	0.0	0	0.0
Remarriage	<20	0	0.0	0	0.0	0	0.0	
	20-29	68	4.1	42	3.9	18	4.5	
	30-39	348	21.2	211	19.5	82	20.6	
	40-49	497	30.2	314	29.0	132	33.2	
	50-64	550	33.5	371	34.3	135	33.9	
	65+	180	11.0	145	13.4	31	7.8	
	Unk	0	0.0	0	0.0	0	0.0	
Bride								
All Marriages	<20	90	1.8	50	1.5	16	1.6	
	20-29	2,066	40.8	1,390	42.6	307	31.3	
	30-39	1,507	29.7	910	27.9	331	33.8	
	40-49	690	13.6	401	12.3	174	17.8	
	50-64	601	11.9	415	12.7	136	13.9	
	65+	112	2.2	94	2.9	16	1.6	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	90	2.5	50	2.2	16	2.4
		20-29	1,977	55.6	1,334	59.6	291	43.1
		30-39	1,113	31.3	662	29.6	253	37.5
		40-49	224	6.3	111	5.0	66	9.8
		50-64	138	3.9	74	3.3	47	7.0
		65+	12	0.3	9	0.4	2	0.3
		Unk	0	0.0	0	0.0	0	0.0
Remarriage	<20	0	0.0	0	0.0	0	0.0	
	20-29	89	5.9	56	5.5	16	5.2	
	30-39	394	26.1	248	24.3	78	25.6	
	40-49	466	30.8	290	28.4	108	35.4	
	50-64	463	30.6	341	33.4	89	29.2	
	65+	100	6.6	85	8.3	14	4.6	
	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, 2018

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	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	67	1,340	143	3	0	0	0	0	0	0	0	0	0	0	0
	30-39	2	433	625	36	1	0	0	0	0	0	0	0	0	0	0
	40-49	0	20	100	56	14	1	0	0	0	0	0	0	0	0	0
	50-64	0	5	9	18	31	2	0	0	0	0	0	0	0	0	0
	65+	0	0	2	1	8	3	0	0	0	0	0	0	0	0	0
Remarriage	Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	0	41	12	0	0	0	0	0	12	3	0	0	0	0	0
	30-39	1	85	119	15	1	0	0	0	19	80	23	5	0	0	0
	40-49	0	35	79	56	12	0	0	0	6	80	185	44	0	0	0
	50-64	0	3	22	36	52	2	0	0	1	22	122	276	14	0	0
65+	0	2	2	2	19	4	0	0	0	0	3	71	76	0	0	
Unk	0	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, 2018

Month	Number	Percent
January	196	3.9
February	227	4.5
March	288	5.7
April	382	7.5
May	523	10.3
June	551	10.9
July	431	8.5
August	503	9.9
September	697	13.8
October	586	11.6
November	365	7.2
December	317	6.3
Total	5,066	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, 2018

Day	Number	Percent
Sunday	418	8.3
Monday	247	4.9
Tuesday	201	4.0
Wednesday	729	14.4
Thursday	305	6.0
Friday	847	16.7
Saturday	2,319	45.8
Total	5,066	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, 2003-2018

Year	Delaware	Kent	New Castle	Sussex
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
2018	2,709	570	1,536	603

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, 2003-2018

Years	Delaware	Kent	New Castle	Sussex
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
2014-2018	3.0	3.5	2.9	3.0

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, 2018

Race of Husband	Race of Wife								
	White	Black	American Indian	Chinese	Hawaiian	Filipino	Other Asian	Other Race	Not Classifiable
White	1,529	33	4	10	0	6	14	23	27
Black	71	614	11	1	2	0	1	32	16
American Indian	3	3	0	0	0	0	0	0	0
Chinese	2	0	0	6	0	0	1	0	0
Hawaiian	0	0	0	0	0	0	0	0	0
Filipino	0	0	1	0	0	5	0	2	1
Other Asian	9	1	1	0	0	0	40	0	1
Other Race	46	23	3	0	0	0	0	85	5
Not Classifiable	16	6	0	0	0	1	0	3	51

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, 2018

Number of Marriage	All Races		Non-Hispanic White		Non-Hispanic Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	43	44	42	43	42	43
First Marriage	40	41	38	40	40	40
Second Marriage	50	50	50	50	47	48
Third Marriage+	55	55	55	56	54	53
Not Stated	46	46	52	49	47	47
Wife						
All Marriages	41	42	40	41	41	41
First Marriage	37	39	36	38	39	40
Second Marriage	48	48	47	47	47	47
Third Marriage+	51	51	50	51	46	45
Not Stated	42	42	48	44	45	44

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,

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, 2018

Marriage Order	Age	Husband's Race				Wife's Race							
		All Races		Non-Hispanic White		All Races		Non-Hispanic White					
		Number	Percent	Number	Percent	Number	Percent	Number	Percent				
All Marriages	<20	1	0.0	0	0.0	0	0.0	4	0.1	2	0.2	0	0.0
	20-29	271	10.0	129	12.9	37	9.7	375	13.8	162	16.1	45	13.3
	30-39	762	28.1	282	28.3	109	28.5	836	30.9	327	32.4	103	30.4
	40-49	753	27.8	266	26.7	127	33.2	728	26.9	283	28.1	106	31.3
	50-64	728	26.9	261	26.2	89	23.3	598	22.1	193	19.1	67	19.8
	65+	136	5.0	49	4.9	13	3.4	89	3.3	32	3.2	7	2.1
	Unk	58	2.1	10	1.0	7	1.8	79	2.9	9	0.9	11	3.2
	<20	1	0.1	0	0.0	0	0.0	4	0.2	2	0.3	0	0.0
	20-29	245	13.6	120	17.4	33	12.5	328	18.3	150	21.2	39	15.7
	30-39	632	35.0	244	35.3	95	35.8	664	37.1	269	38.0	87	35.1
First Marriage	40-49	514	28.4	182	26.3	85	32.1	444	24.8	176	24.9	73	29.4
	50-64	343	19.0	124	17.9	43	16.2	278	15.5	92	13.0	35	14.1
	65+	41	2.3	12	1.7	4	1.5	34	1.9	13	1.8	5	2.0
	Unk	31	1.7	9	1.3	5	1.9	36	2.0	5	0.7	9	3.6
	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	14	2.3	8	3.4	2	2.5	16	2.9	7	3.4	3	4.5
	30-39	94	15.7	35	14.8	13	16.0	108	19.7	44	21.5	13	19.7
	40-49	179	29.9	70	29.5	30	37.0	183	37.1	76	37.1	23	34.8
	50-64	237	39.6	95	40.1	31	38.3	195	35.6	64	31.2	25	37.9
	65+	68	11.4	29	12.2	4	4.9	31	5.7	12	5.9	1	1.5
Second Marriage	Unk	7	1.2	0	0.0	1	1.2	15	2.7	2	1.0	1	1.5
	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	2	1.1	0	0.0	1	3.6	1	0.6	1	1.4	0	0.0
	30-39	4	2.3	1	1.7	1	3.6	16	9.2	8	11.6	1	9.1
	40-49	37	21.1	12	20.7	9	32.1	57	32.8	24	34.8	7	63.6
	50-64	107	61.1	37	63.8	12	42.9	75	43.1	27	39.1	3	27.3
	65+	23	13.1	7	12.1	5	17.9	19	10.9	7	10.1	0	0.0
	Unk	2	1.1	1	1.7	0	0.0	6	3.4	2	2.9	0	0.0
	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	10	7.8	1	9.1	1	12.5	30	15.1	4	14.8	3	21.4
Not Stated	30-39	32	25.0	2	18.2	0	0.0	48	24.1	6	22.2	2	14.3
	40-49	23	18.0	2	18.2	3	37.5	44	22.1	7	25.9	3	21.4
	50-64	41	32.0	5	45.5	3	37.5	50	25.1	10	37.0	4	28.6
	65+	4	3.1	1	9.1	0	0.0	5	2.5	0	0.0	1	7.1
	Unk	18	14.1	0	0.0	1	12.5	22	11.1	0	0.0	1	7.1

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, 2018

Number of Marriage	All Races		Non-Hispanic White		Non-Hispanic Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	9.1	11.8	9.1	12.1	7.5	9.7
First Marriage	9.7	12.4	9.1	12.3	8.1	10.4
Second Marriage	8.3	11.1	9.6	11.8	6.2	8.2
Third Marriage+	6.8	8.7	6.9	9.5	7.0	7.9
Not Stated	8.3	11.2	12.6	14.5	7.9	7.1
Wife						
All Marriages	9.1	11.8	9.1	11.9	7.1	9.8
First Marriage	9.6	12.6	9.3	12.5	8.0	10.6
Second Marriage	8.6	10.6	8.8	10.6	5.8	8.0
Third Marriage+	6.8	8.8	7.9	9.8	3.1	3.1
Not Stated	8.2	10.9	9.0	11.4	8.2	9.1

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, 2018

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	55	2.0	18	1.8	10	2.6	55	2.0	16	1.6	11	3.2
	1-4	681	25.1	257	25.8	111	29.1	681	25.1	256	25.4	98	28.9
	5-9	686	25.3	251	25.2	117	30.6	686	25.3	260	25.8	102	30.1
	10-14	464	17.1	164	16.4	66	17.3	464	17.1	165	16.4	60	17.7
	15-19	273	10.1	98	9.8	34	8.9	273	10.1	105	10.4	26	7.7
	20-24	212	7.8	88	8.8	21	5.5	212	7.8	91	9.0	17	5.0
	25-29	142	5.2	56	5.6	12	3.1	142	5.2	55	5.5	15	4.4
	30+	144	5.3	57	5.7	7	1.8	144	5.3	50	5.0	7	2.1
	Not Stated	52	1.9	8	0.8	4	1.0	52	1.9	10	1.0	3	0.9
First Marriage	<1	28	1.5	11	1.6	5	1.9	28	1.6	11	1.6	5	2.0
	1-4	428	23.7	169	24.5	72	27.2	415	23.2	176	24.9	62	25.0
	5-9	451	25.0	184	26.6	81	30.6	461	25.8	177	25.0	80	32.3
	10-14	314	17.4	108	15.6	46	17.4	294	16.4	111	15.7	46	18.5
	15-19	196	10.8	66	9.6	27	10.2	187	10.5	69	9.8	20	8.1
	20-24	153	8.5	63	9.1	16	6.0	159	8.9	70	9.9	14	5.6
	25-29	107	5.9	44	6.4	11	4.2	105	5.9	46	6.5	13	5.2
	30+	105	5.8	41	5.9	6	2.3	117	6.5	43	6.1	7	2.8
	Not Stated	25	1.4	5	0.7	1	0.4	22	1.2	4	0.6	1	0.4
Second Marriage	<1	14	2.3	5	2.1	2	2.5	13	2.4	4	2.0	4	6.1
	1-4	166	27.7	64	27.0	30	37.0	153	27.9	56	27.3	25	37.9
	5-9	155	25.9	50	21.1	24	29.6	131	23.9	50	24.4	16	24.2
	10-14	94	15.7	45	19.0	11	13.6	101	18.4	36	17.6	9	13.6
	15-19	61	10.2	29	12.2	5	6.2	65	11.9	30	14.6	6	9.1
	20-24	40	6.7	20	8.4	5	6.2	34	6.2	15	7.3	2	3.0
	25-29	25	4.2	7	3.0	1	1.2	26	4.7	6	2.9	2	3.0
	30+	31	5.2	14	5.9	1	1.2	11	2.0	4	2.0	0	0.0
	Not Stated	13	2.2	3	1.3	2	2.5	14	2.6	4	2.0	2	3.0
Third Marriage and more	<1	6	3.4	2	3.4	2	7.1	7	4.0	1	1.4	1	9.1
	1-4	58	33.1	20	34.5	8	28.6	58	33.3	17	24.6	8	72.7
	5-9	48	27.4	16	27.6	7	25.0	48	27.6	25	36.2	2	18.2
	10-14	34	19.4	10	17.2	8	28.6	35	20.1	16	23.2	0	0.0
	15-19	8	4.6	2	3.4	2	7.1	8	4.6	4	5.8	0	0.0
	20-24	11	6.3	4	6.9	0	0.0	7	4.0	2	2.9	0	0.0
	25-29	4	2.3	3	5.2	0	0.0	4	2.3	1	1.4	0	0.0
	30+	1	0.6	1	1.7	0	0.0	5	2.9	3	4.3	0	0.0
	Not Stated	5	2.9	0	0.0	1	3.6	2	1.1	0	0.0	0	0.0
Not Stated	<1	7	5.5	0	0.0	1	12.5	7	4.0	0	0.0	1	7.1
	1-4	29	22.7	4	36.4	1	12.5	55	31.6	7	25.9	3	21.4
	5-9	32	25.0	1	9.1	5	62.5	46	26.4	8	29.6	4	28.6
	10-14	22	17.2	1	9.1	1	12.5	34	19.5	2	7.4	5	35.7
	15-19	8	6.3	1	9.1	0	0.0	13	7.5	2	7.4	0	0.0
	20-24	8	6.3	1	9.1	0	0.0	12	6.9	4	14.8	1	7.1
	25-29	6	4.7	2	18.2	0	0.0	7	4.0	2	7.4	0	0.0
	30+	7	5.5	1	9.1	0	0.0	11	6.3	0	0.0	0	0.0
	Not Stated	9	7.0	0	0.0	0	0.0	14	8.0	2	7.4	0	0.0

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, 2018

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	2,709	100.0	1,011	100.0	366	100.0	90	100.0	1,242	100.0
None	1,249	46.1	451	44.6	174	47.5	41	45.6	583	46.9
1	386	14.2	151	14.9	52	14.2	18	20.0	165	13.3
2	338	12.5	161	15.9	44	12.0	15	16.7	118	9.5
3	127	4.7	58	5.7	17	4.6	3	3.3	49	3.9
4	29	1.1	9	0.9	8	2.2	0	0.0	12	1.0
5+	10	0.4	2	0.2	1	0.3	1	1.1	6	0.5
Unknown	570	21.0	179	17.7	70	19.1	12	13.3	309	24.9
Wife	2,709	100.0	994	100.0	355	100.0	90	100.0	1,270	100.0
None	1,249	46.1	435	43.8	162	45.6	47	52.2	605	47.6
1	386	14.2	150	15.1	52	14.6	14	15.6	170	13.4
2	338	12.5	167	16.8	36	10.1	9	10.0	126	9.9
3	127	4.7	64	6.4	12	3.4	2	2.2	49	3.9
4	29	1.1	10	1.0	6	1.7	1	1.1	12	0.9
5+	10	0.4	3	0.3	1	0.3	1	1.1	5	0.4
Unknown	570	21.0	165	16.6	86	24.2	16	17.8	303	23.9

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

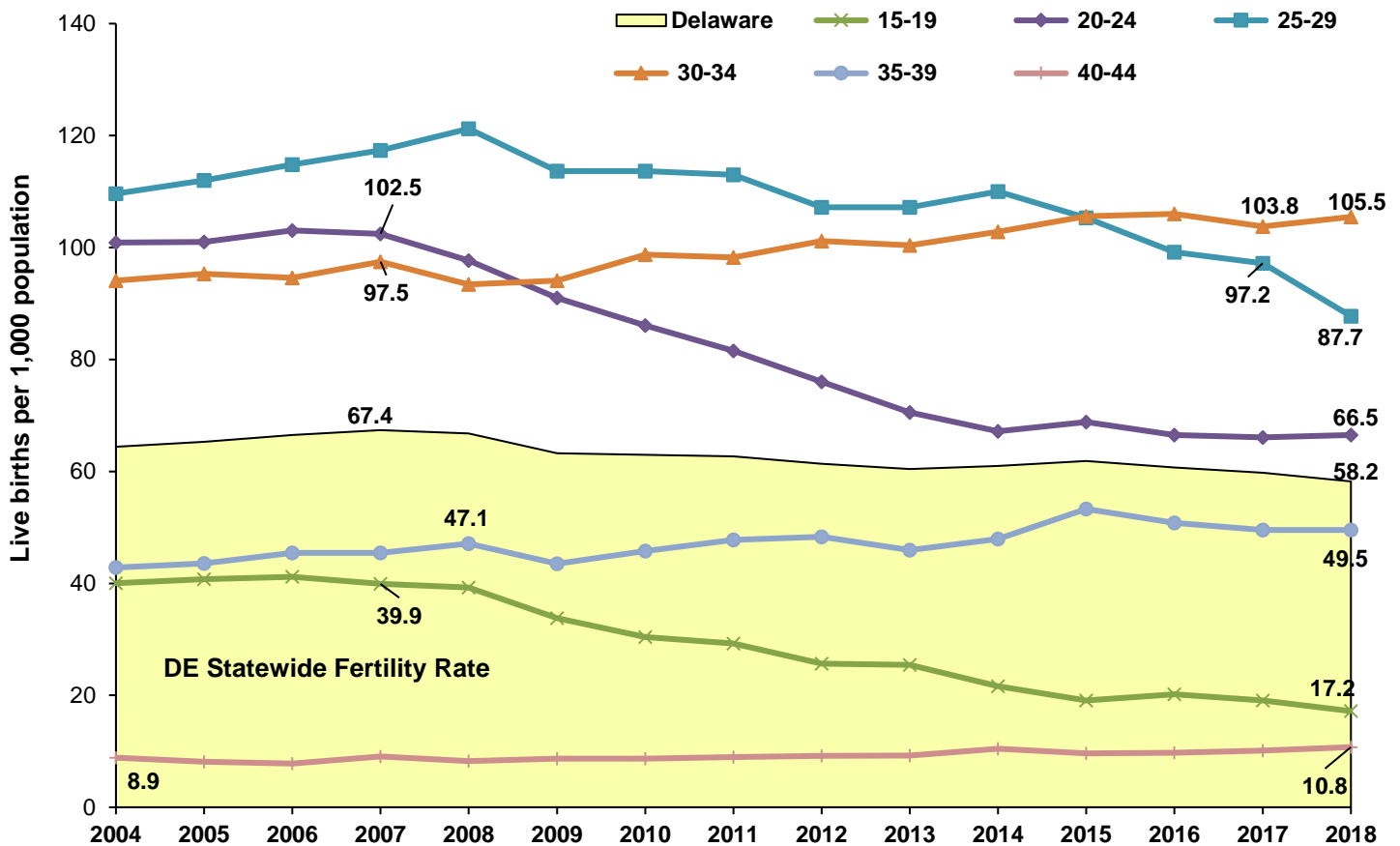
LIVE BIRTHS

In 2018, there were 10,962 births in Delaware; 10,048 were to Delaware residents and 914 were to non-residents. Additionally 545 births to Delaware residents occurred out of state, for a total of 10,593 Delaware resident births, 242 fewer Delaware resident births than in 2017.

The recent national declines in general fertility and live birth rates were also apparent in Delaware statistics. From 2007 to 2018, the general fertility rate (number of births per 1,000 women aged 15-44 years) declined from a high of 67.4 to 58.2 births per 1,000 women aged 15-44. The birth rate of teens (15-19) exhibited the largest decline at 57 percent during this time period while women in the 30-34 aged group had the largest increase from 97.5 to 105.5 births per 1,000 women. Since 2007 the number of births to women aged 40-44 has not significantly changed.

In 2018, the general fertility rate for women aged 30-34 increased two percent from the previous year, while women in the 25-29 aged group's general fertility rate decreased 10 percent.

Figure 8. Annual Fertility and Age-Specific Live Birth Rates, Delaware, 2004-2018



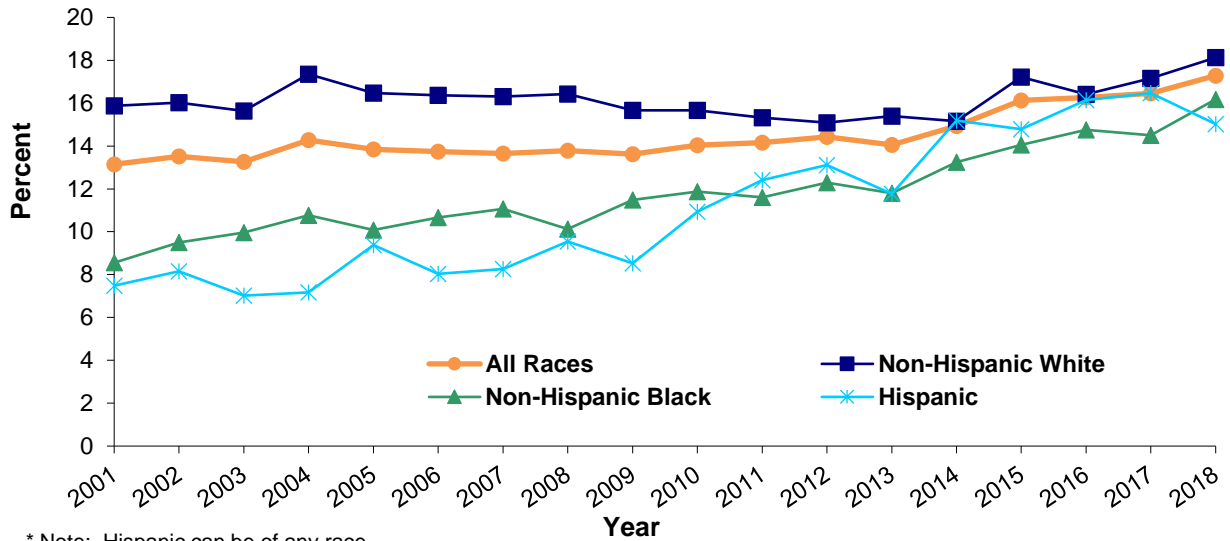
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

From 2014 to 2018, 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 30.3 percent while birth rates among teens 18-19 fell 16.3 percent..

In the 2014-2018 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 2001 and 2005, the percentage of births to women aged 35 or older exhibited a clear upward trend. The percentage remained relatively unchanged until 2014 when it reached 14.9. Since then, it increased to 17.3 percent in 2018, a 32 percent increase from 2001. Hispanic mothers aged 35 and older had the greatest percentage increase in births from 7.4 in 2001 to 15.0 in 2018.

Figure 9. Annual Percentage of Live Births to Women 35 or Older by Race and Hispanic Origin,* Delaware, 2001-2018

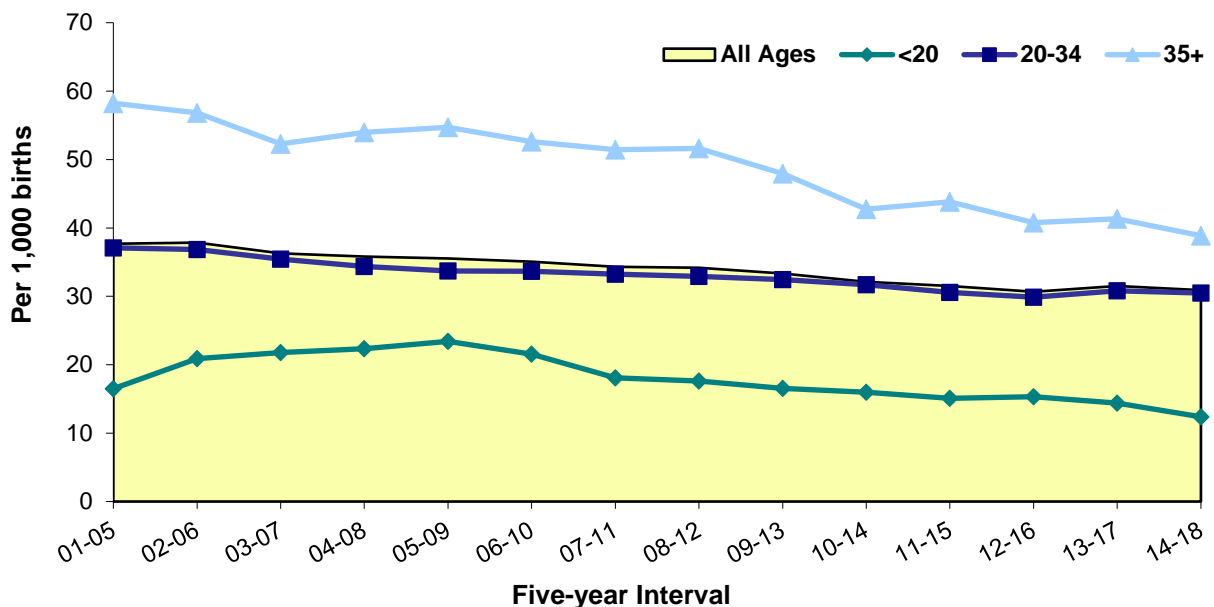


* Note: Hispanic can be of any race

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 18 percent between 2001-2005 and 2014-2018. In 2014-2018, older mothers (35+) had the highest plural birth rates, at 39 multiples per 1,000 births, more than three times that of mothers under 20, and 28 percent higher than mothers 20-34.

Figure 10. Five-year Average Plural Birth Rate by Age of Mother, Delaware, 2001-2018



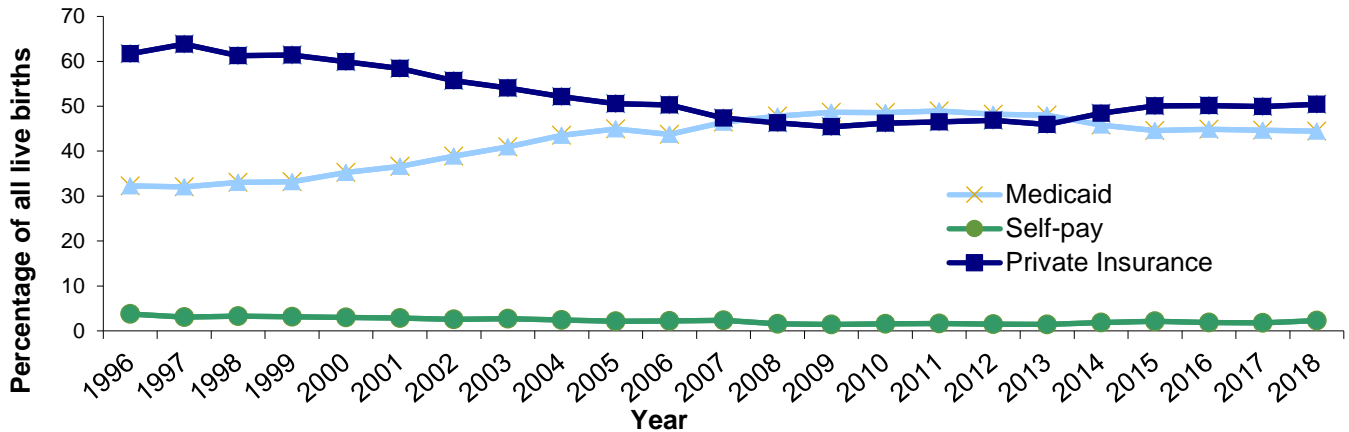
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

LIVE BIRTHS

In 2018, 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 2018, in all race categories, majority of women over thirty (63.7 percent) had private insurance as their primary source of payment.
- Medicaid was still the primary source of payment for the majority of mothers under 20, covering 75.5 percent of non-Hispanic black mothers, and 61.3 percent of non-Hispanic white mothers in that age group.

Figure 11. Percentage of Births by Source of Payment for Delivery, Delaware, 1996-2018

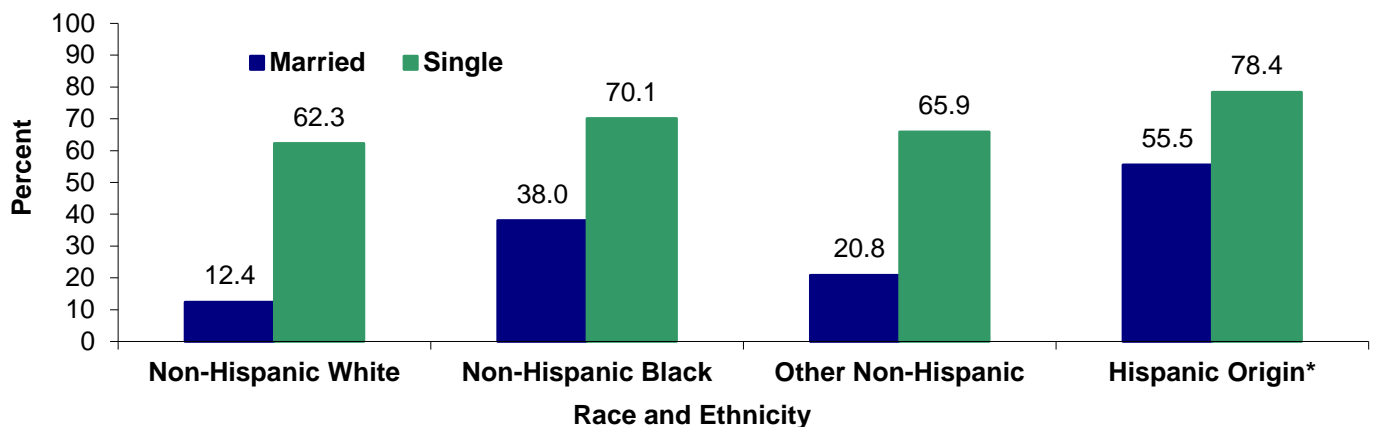


Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

As in previous years, the primary source of payment for delivery in 2018 varies tremendously based on marital status:

- The number of single non-Hispanic white women who used Medicaid as their primary source of payment (62.3 percent) was around three times that of non-Hispanic white married women (12.4 percent).
- The number of single non-Hispanic black women who used Medicaid as their primary source of payment (70.1 percent) was more than four times that of non-Hispanic black married women (38.0 percent).
- The percentage of single women of other non-Hispanic races who used Medicaid as their primary source of payment (65.9 percent) was more than three times higher than among married women of other non-Hispanic races (20.8 percent).
- The number of single Hispanic women who used Medicaid as their primary source of payment (78.4 percent) was 2 times higher than Hispanic married women (55.5 percent).

Figure 12. Percentage of Births by Race, Hispanic Origin, Marital Status, and Medicaid as Primary Source of Payment, Delaware, 2018

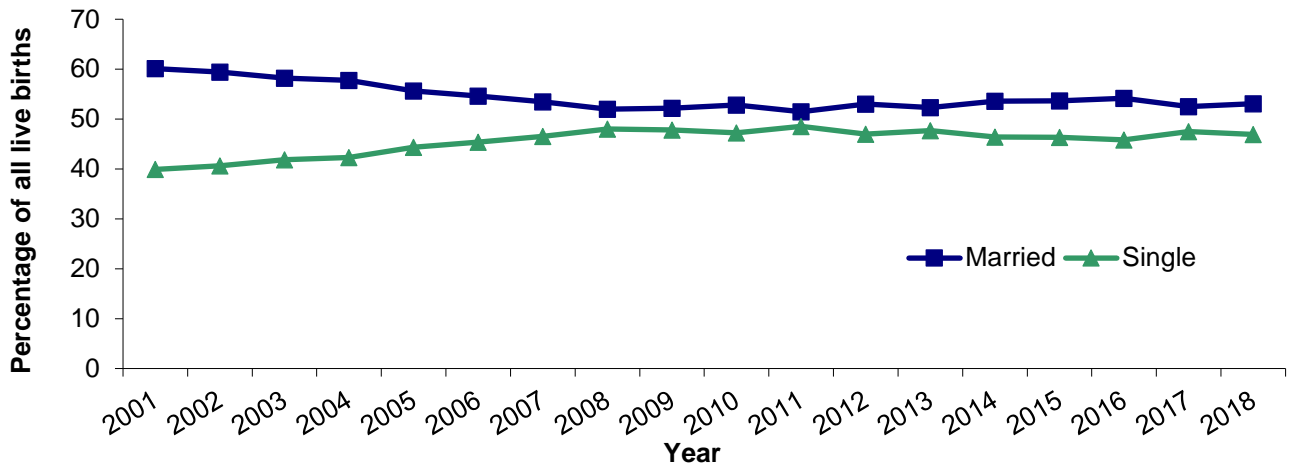


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

LIVE BIRTHS

After increasing steadily from 1994 to 2008, the percentage of births to unmarried women stabilized with only a two percent decrease from 2008 to 2018. Births to married women decreased steadily from 1994 to 2008 but stabilized ending with only a two percent increase from 2008 to 2018. In 2018, 46.9 percent of all births were to unmarried women.

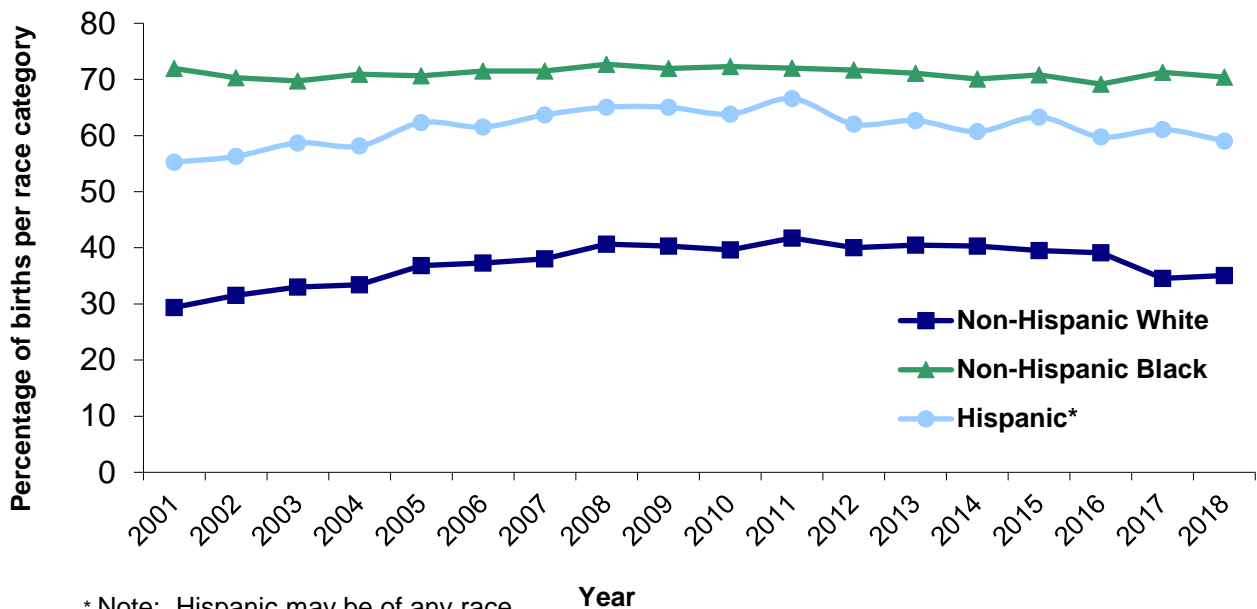
Figure 13. Annual Percentage of Births by Mother's Marital Status, Delaware, 2001-2018



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

In 2018, 35 percent of births were to single non-Hispanic white women, an increase from 29 percent in 2001. The percentage of births to single Hispanic women increased from 55 percent in 2001 to 59 percent in 2018. Unmarried non-Hispanic black women had the highest percentage of births from 2001 to 2018, remaining stable at approximately 70 percent during this time period.

Figure 14. Percentage of Live Births to Unmarried Women by Race and Ethnicity, Delaware, 2001-2018



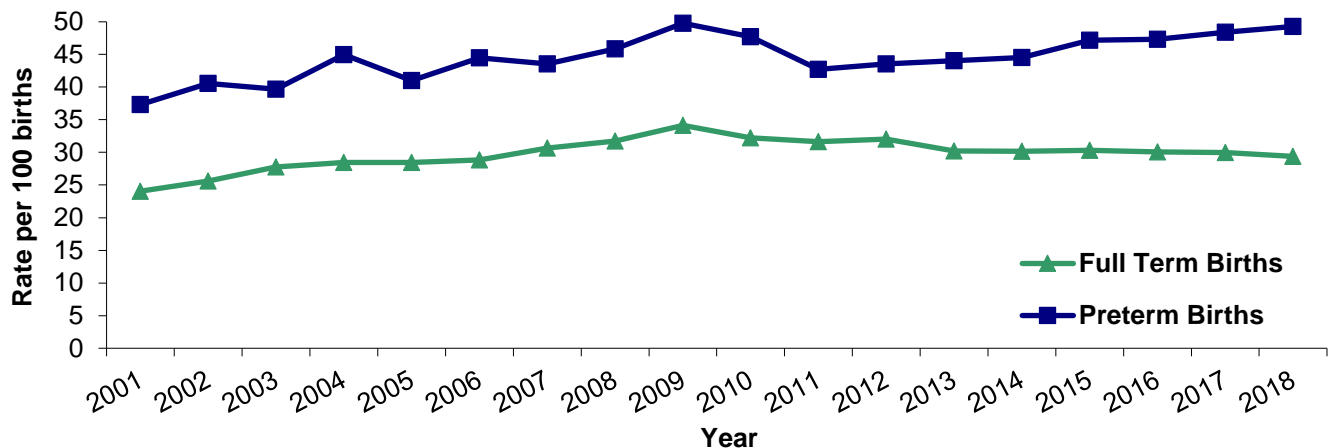
* Note: Hispanic may be of any race.

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

LIVE BIRTHS

From 2001 to 2018, the percentage of cesarean deliveries increased 23 percent, to 31.3 per 100 live births, whereas vaginal births decreased only 8 percent from 74.4 to 68.6 per 100 live births. Since 2001, 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 49.3 per 100 preterm births, versus 29.4 per 100 term births in 2018.

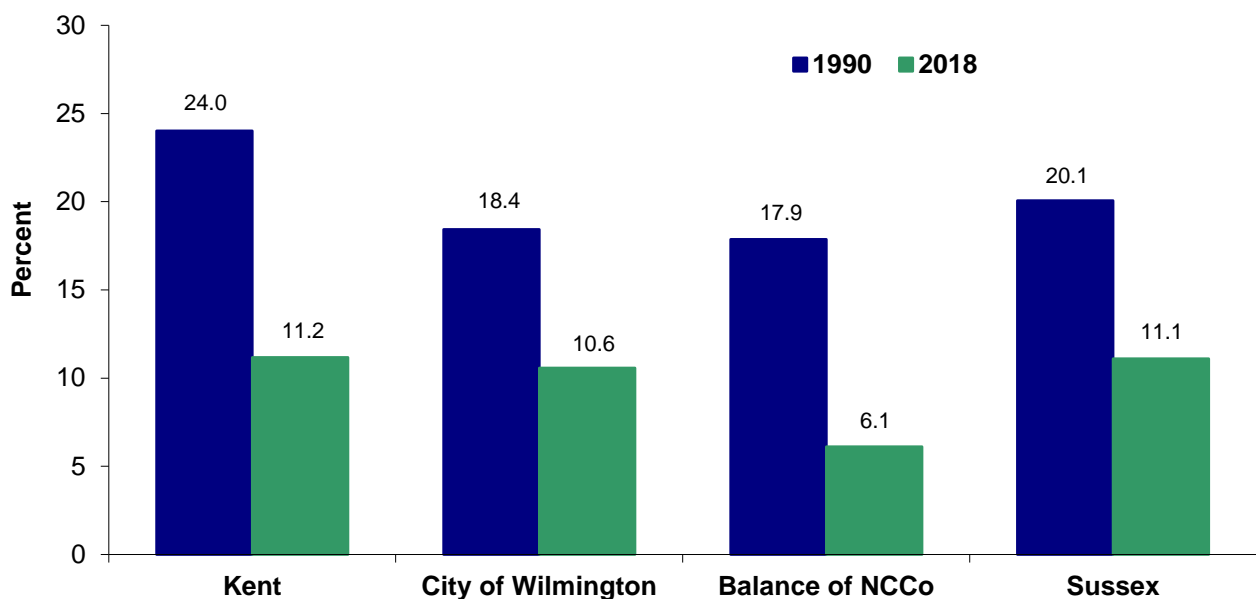
Figure 15. Annual Rate of Cesarean Deliveries by Gestational Category, Delaware, 2001-2018



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

From 1990 to 2018, the percentage of Delaware mothers who used tobacco while pregnant decreased in all three counties and the city of Wilmington. In 2018, Kent County had the highest percentage of mother who smoked while pregnant at 11.2 whereas the Balance of New Castle County had the lowest percentage at 6.1.

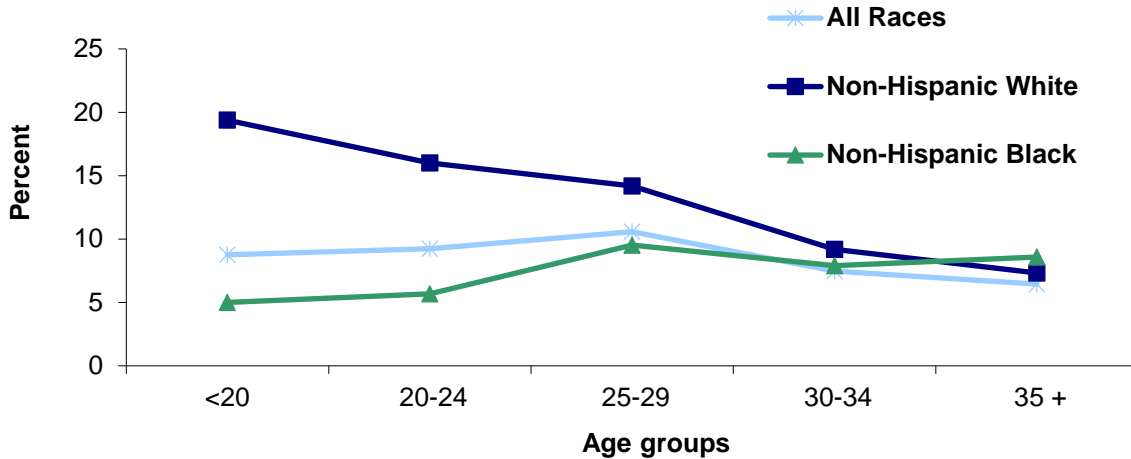
Figure 16. Percentage of Mothers who Smoked while Pregnant, Delaware Counties and City of Wilmington, 1990 and 2018



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

In 2018, non-hispanic white women less than 20 who smoked while pregnant was nearly four times that of non-hispanic black women . During this same time period only 8.6 percent of non-hispanic black women over 35 smoked while pregnant compared to 7.3 percent of non-hispanic white women.

Figure 17. Percentage of Mothers who Smoked While Pregnant by Age Group and Race, Delaware, 2018

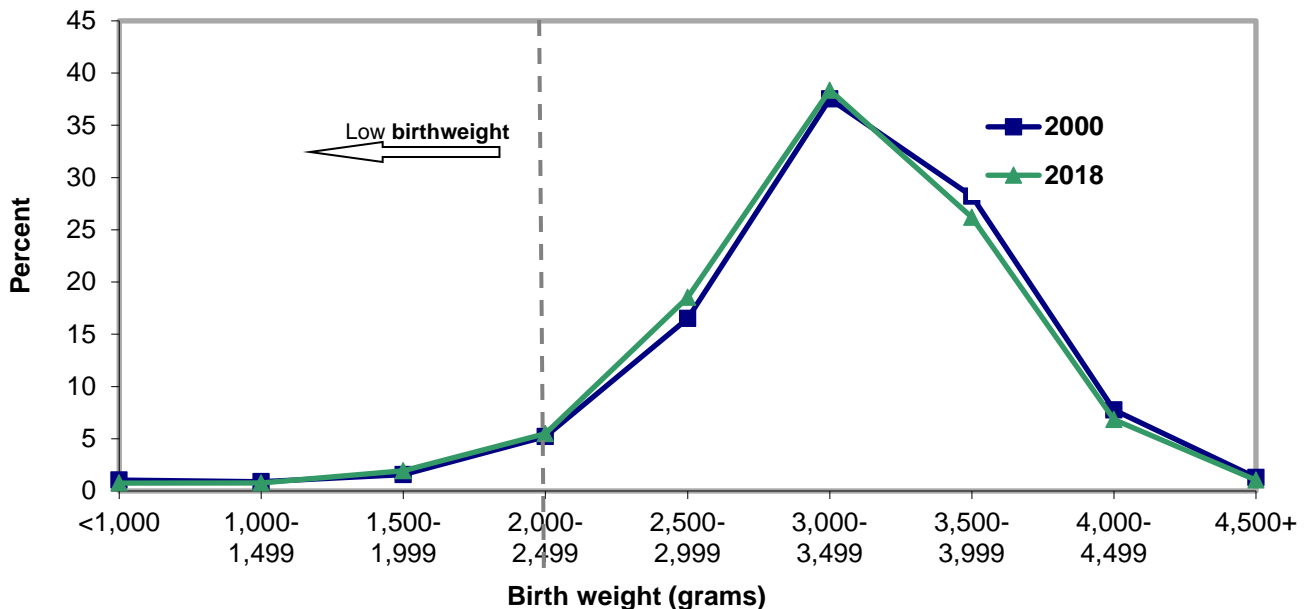


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2018, 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 2018. The greatest percentage of births fell within the 3,000 to 3,499 gram range.

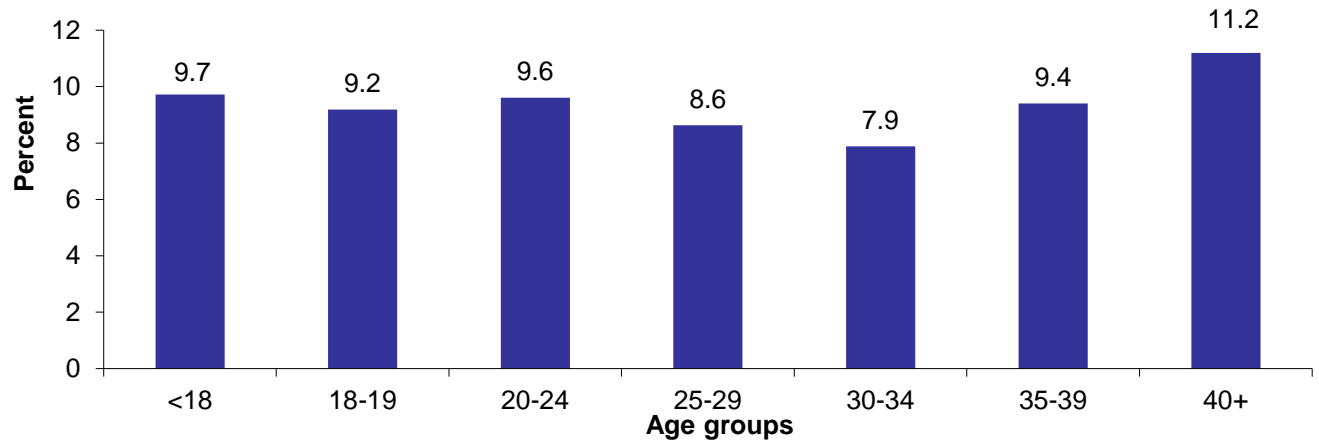
Figure 18. Percent Distribution of Births by Birthweight, Delaware, 2000 and 2018



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

In 2014-2018 the five-year percentage of low birthweight (LBW) births and very low birthweight (VLBW) births remained relatively stable at 8.9 and 1.7, 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 (7.9 percent).

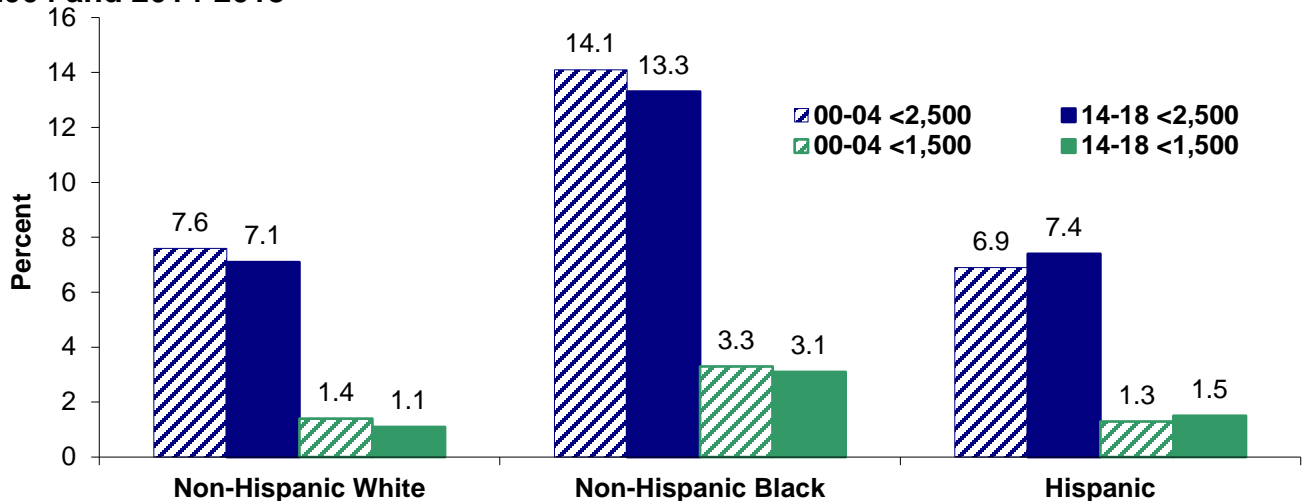
Figure 19. Five-year Percentage of Low Birthweight Births (<2,500 grams) by Mother's Age, Delaware, 2014-2018



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

Between 2000-2004 and 2014-2018, there was a decline in the percentages of infants born at low birthweight and very low birth weight to non-Hispanic white and non-Hispanic black mothers. During this same time period, the percentage of infants born at both low birth weight and very low birthweight to Hispanic mothers showed an increase of 7 percent and 15 percent respectively. In 2014-2018 among mothers of all ages, non-Hispanic black mothers had the highest percentage of LBW and VLBW births at 13.3 percent and 3.1 percent.

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 2014-2018



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

TABLE C-1. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2008-2018

ALL RACES

Area/ Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	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	3,791,712
<20	440,522	414,831	372,175	333,746	309,060	276,203	251,847	232,215	212,062	196,294	181,607
20-24	1,052,184	1,005,982	951,688	925,200	916,811	896,745	882,567	850,509	803,978	764,780	726,175
25-29	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	1,099,491
30+	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	1,784,439
Delaware	12,016	11,369	11,291	11,227	10,982	10,802	10,934	11,145	10,967	10,835	10,593
<20	1,251	1,085	983	909	768	730	621	553	594	556	502
20-24	3,000	2,831	2,707	2,642	2,534	2,431	2,298	2,279	2,099	2,014	1,960
25-29	3,477	3,280	3,293	3,297	3,151	3,139	3,297	3,319	3,303	3,333	3,110
30+	4,288	4,173	4,308	4,379	4,529	4,502	4,718	4,994	4,971	4,932	5,020
Kent	2,294	2,258	2,228	2,166	2,206	2,180	2,266	2,259	2,247	2,172	2,149
<20	235	209	198	183	162	134	129	100	153	126	96
20-24	672	719	633	601	597	599	608	576	518	489	492
25-29	669	687	703	685	664	665	726	736	760	713	680
30+	718	643	694	697	783	782	803	847	816	844	881
New Castle	7,229	6,794	6,780	6,880	6,479	6,444	6,450	6,584	6,430	6,391	6,165
<20	695	613	546	527	410	395	323	296	298	276	268
20-24	1,554	1,424	1,418	1,417	1,294	1,286	1,157	1,171	1,050	1,039	1,003
25-29	2,081	1,921	1,915	1,956	1,822	1,812	1,887	1,868	1,851	1,878	1,738
30+	2,899	2,836	2,901	2,980	2,953	2,951	3,083	3,249	3,231	3,198	3,155
Wilmington	1,295	1,237	1,064	1,111	1,005	1,057	1,000	973	983	968	899
<20	238	193	153	159	122	132	89	79	85	89	79
20-24	375	360	294	275	264	270	245	242	229	221	217
25-29	337	312	275	301	258	278	267	260	279	267	251
30+	345	372	342	376	361	377	399	392	390	391	352
Balance of NC County	5,934	5,557	5,716	5,769	5,474	5,387	5,450	5,611	5,447	5,423	5,266
<20	457	420	393	368	288	263	234	217	213	187	189
20-24	1,179	1,064	1,124	1,142	1,030	1,016	912	929	821	818	786
25-29	1,744	1,609	1,640	1,655	1,564	1,534	1,620	1,608	1,572	1,611	1,487
30+	2,554	2,464	2,559	2,604	2,592	2,574	2,684	2,857	2,841	2,807	2,803
Sussex	2,493	2,317	2,283	2,181	2,297	2,178	2,218	2,302	2,290	2,272	2,279
<20	321	263	239	199	196	201	169	157	143	154	138
20-24	774	688	656	624	643	546	533	532	531	486	465
25-29	727	672	675	656	665	662	684	715	692	742	692
30+	671	694	713	702	793	769	832	898	924	890	984

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, 2008-2018

NON-HISPANIC WHITE

Area/ Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	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	1,994,985
<20	169,788	160,632	145,070	130,198	120,623	108,603	99,899	91,415	81,774	75,209	68,114
20-24	511,758	490,773	464,849	451,939	444,300	431,540	420,224	399,373	374,508	352,786	336,250
25-29	670,814	657,658	648,610	647,520	641,377	637,710	646,097	642,150	627,597	605,236	587,743
30+	915,457	903,489	903,877	916,909	927,744	951,343	983,082	997,341	1,010,175	997,262	1,002,878
Delaware	6,384	6,049	6,255	6,170	6,057	5,876	5,812	5,871	5,786	5,309	5,197
<20	450	387	390	356	318	261	239	189	201	171	160
20-24	1,338	1,292	1,288	1,220	1,196	1,130	1,048	989	899	824	762
25-29	1,926	1,826	1,897	1,869	1,767	1,728	1,818	1,786	1,816	1,626	1,557
30+	2,670	2,544	2,680	2,725	2,776	2,757	2,707	2,907	2,870	2,688	2,718
Kent	1,431	1,375	1,387	1,354	1,362	1,304	1,365	1,329	1,298	1,178	1,205
<20	114	88	93	92	73	54	71	43	60	47	42
20-24	398	406	372	325	327	328	327	295	279	248	243
25-29	439	447	465	467	431	424	466	447	476	393	404
30+	480	434	457	470	531	498	501	544	483	490	516
New Castle	3,593	3,389	3,551	3,569	3,330	3,306	3,169	3,202	3,170	2,847	2,710
<20	197	182	174	162	131	107	87	81	91	71	67
20-24	585	550	589	576	508	511	444	419	352	337	294
25-29	1,047	991	1,028	1,027	930	907	928	900	906	785	743
30+	1,764	1,666	1,760	1,804	1,761	1,781	1,710	1,802	1,821	1,654	1,606
Wilmington	256	260	284	300	263	272	252	251	260	223	176
<20	15	14	12	13	13	18	9	7	5	8	4
20-24	27	46	45	41	30	25	18	32	22	18	17
25-29	75	58	85	79	65	57	63	59	68	38	45
30+	139	142	142	167	155	172	162	153	165	159	110
Balance of NC County	3,337	3,129	3,267	3,269	3,067	3,034	2,917	2,951	2,910	2,624	2,534
<20	182	168	162	149	118	89	78	74	86	63	63
20-24	558	504	544	535	478	486	426	387	330	319	277
25-29	972	933	943	948	865	850	865	841	838	747	698
30+	1,625	1,524	1,618	1,637	1,606	1,609	1,548	1,649	1,656	1,495	1,496
Sussex	1,360	1,285	1,317	1,247	1,365	1,266	1,278	1,340	1,318	1,284	1,282
<20	139	117	123	102	114	100	81	65	50	53	51
20-24	355	336	327	319	361	291	277	275	268	239	225
25-29	440	388	404	375	406	397	424	439	434	448	410
30+	426	444	463	451	484	478	496	561	566	544	596

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, 2008-2018

NON-HISPANIC BLACK

Area/ Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	623,029	609,584	589,808	582,345	583,489	583,834	588,891	589,047	583,786	587,357	579,174
<20	106,690	100,153	89,902	79,936	72,549	63,109	55,774	50,884	46,686	43,854	41,192
20-24	198,116	194,122	187,981	186,229	187,488	185,662	182,435	175,597	163,118	157,192	147,083
25-29	156,472	153,210	147,684	147,708	149,649	153,903	160,935	165,895	170,684	175,210	174,466
30+	161,751	162,099	164,241	168,472	173,803	181,160	189,747	196,671	203,298	211,101	216,433
Delaware	3,188	3,108	3,032	3,018	2,881	2,950	2,801	2,968	2,895	2,932	2,880
<20	511	467	406	376	301	305	233	214	234	212	200
20-24	1,018	941	955	974	905	891	760	820	757	690	704
25-29	832	809	776	776	741	806	807	855	825	963	840
30+	827	891	895	892	934	948	1,001	1,079	1,079	1,067	1,136
Kent	616	621	610	587	590	608	613	632	658	675	618
<20	91	86	86	72	72	52	39	41	66	50	40
20-24	207	220	194	206	195	196	196	199	171	166	165
25-29	170	179	156	149	161	168	177	193	192	217	181
30+	148	136	174	160	162	192	201	199	229	242	232
New Castle	2,134	2,046	1,998	2,015	1,894	1,926	1,794	1,957	1,825	1,849	1,862
<20	334	290	262	244	186	193	147	140	129	121	123
20-24	626	561	585	603	563	547	428	497	450	409	439
25-29	559	525	514	520	484	531	523	554	519	611	533
30+	615	670	637	648	661	655	696	766	727	708	767
Wilmington	817	786	594	634	595	601	544	564	558	560	557
<20	183	148	115	112	88	84	62	59	59	61	60
20-24	282	253	191	193	192	200	167	171	166	153	149
25-29	191	197	140	171	151	166	161	151	168	180	167
30+	161	188	148	158	164	151	154	183	165	166	181
Balance of NC County	1,317	1,260	1,404	1,381	1,299	1,325	1,250	1,393	1,267	1,289	1,305
<20	151	142	147	132	98	109	85	81	70	60	63
20-24	344	308	394	410	371	347	261	326	284	256	290
25-29	368	328	374	349	333	365	362	403	351	431	366
30+	454	482	489	490	497	504	542	583	562	542	586
Sussex	438	441	424	416	397	416	394	379	412	408	400
<20	86	91	58	60	43	60	47	33	39	41	37
20-24	185	160	176	165	147	148	136	124	136	115	100
25-29	103	105	106	107	96	107	107	108	114	135	126
30+	64	85	84	84	111	101	104	114	123	117	137

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, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2008-2018

HISPANIC ORIGIN

Area/ Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.	1,041,239	999,548	945,180	918,129	907,677	901,033	914,065	924,048	918,447	898,764	886,210
<20	147,240	138,336	123,609	111,236	104,118	94,174	87,007	81,350	75,708	70,128	65,852
20-24	293,054	274,726	254,723	243,724	241,138	237,705	239,121	236,264	228,216	219,206	209,701
25-29	281,319	270,641	254,982	248,269	244,474	244,243	248,971	256,106	258,025	255,130	253,977
30+	319,626	315,845	311,866	314,900	317,947	324,911	338,966	350,328	356,498	354,300	356,680
Delaware	1,845	1,653	1,426	1,427	1,396	1,342	1,573	1,542	1,543	1,773	1,750
<20	275	223	174	166	135	148	134	135	151	148	130
20-24	565	524	404	394	375	334	422	393	371	435	435
25-29	498	467	425	431	428	401	432	448	441	497	507
30+	507	439	423	436	458	459	585	566	580	693	678
Kent	185	197	156	162	178	184	204	215	197	220	237
<20	28	31	17	16	15	22	16	12	23	20	11
20-24	54	74	52	55	59	58	71	69	52	60	68
25-29	40	47	57	52	50	52	62	70	69	74	70
30+	63	45	30	39	54	52	55	64	53	66	88
New Castle	1,015	906	760	789	726	707	881	796	827	1,030	971
<20	154	137	101	116	84	86	79	68	74	70	73
20-24	293	268	207	206	187	178	245	203	197	253	232
25-29	290	255	213	221	227	205	236	224	239	274	297
30+	278	246	239	246	228	238	321	301	317	433	369
Wilmington	200	174	172	161	118	154	178	136	142	154	145
<20	38	30	25	34	18	25	17	12	20	17	15
20-24	64	61	55	40	39	42	54	35	38	47	46
25-29	65	49	48	48	32	49	37	44	37	43	37
30+	33	34	44	39	29	38	70	45	47	47	47
Balance of NC County	815	732	588	628	608	553	703	660	685	876	826
<20	116	107	76	82	66	61	62	56	54	53	58
20-24	229	207	152	166	148	136	191	168	159	206	186
25-29	225	206	165	173	195	156	199	180	202	231	260
30+	245	212	195	207	199	200	251	256	270	386	322
Sussex	645	550	510	476	492	451	488	531	519	523	542
<20	93	55	56	34	36	40	39	55	54	58	46
20-24	218	182	145	133	129	98	106	121	122	122	135
25-29	168	165	155	158	151	144	134	154	133	149	140
30+	166	148	154	151	176	169	209	201	210	194	221

Note: 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-5. FIVE-YEAR AVERAGE TEENAGE LIVE BIRTH RATES BY AGE AND RACE OF MOTHER, COUNTY, CITY OF WILLMINGTON, U.S., AND DELAWARE, 2001-2018

Age/Area/ Race	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	2014 -2018
Teens 15-19														
U.S.	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	20.6
Non-Hispanic White	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	14.4
Non-Hispanic Black	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	29.4
Delaware	41.8	41.1	40.6	40.2	38.9	36.8	34.5	31.7	29.0	26.5	24.2	22.4	21.0	19.4
Non-Hispanic White	25.6	25.0	24.8	24.3	23.5	22.9	22.0	21.0	19.5	18.5	16.7	15.2	13.7	12.5
Non-Hispanic Black	72.1	68.9	66.9	65.3	62.7	59.4	55.5	50.1	45.8	40.6	36.6	33.4	31.4	28.6
Kent	46.7	44.3	44.0	42.6	40.6	37.7	35.4	32.8	30.1	27.9	24.8	23.8	22.3	20.5
Non-Hispanic White	38.0	35.8	36.5	35.2	34.0	32.2	31.6	28.9	25.5	24.8	21.7	19.3	17.4	16.4
Non-Hispanic Black	62.1	58.8	56.1	53.3	49.4	46.9	42.5	41.3	39.2	36.0	32.8	34.1	32.0	30.3
New Castle	35.8	35.6	34.6	34.1	33.2	31.8	30.1	27.8	25.6	23.3	21.4	19.3	18.1	16.7
Non-Hispanic White	18.7	18.3	17.9	17.3	16.7	16.3	15.8	14.9	13.9	12.9	11.7	10.8	9.9	9.2
Non-Hispanic Black	69.8	67.5	64.8	63.7	61.5	59.3	56.0	50.5	45.3	39.9	35.5	31.0	28.5	25.7
Wilmington										57.9	52.2	45.8	43.4	38.4
Non-Hispanic White										46.5	44.0	38.8	33.2	22.3
Non-Hispanic Black										59.6	53.2	46.6	43.0	39.0
Sussex	60.1	58.9	60.1	60.7	58.6	54.7	49.9	44.5	39.7	36.1	32.9	30.5	28.8	26.4
Non-Hispanic White	39.3	39.1	38.3	38.2	36.9	36.3	33.9	33.2	31.0	29.1	26.0	23.1	19.9	17.3
Non-Hispanic Black	97.1	91.3	94.2	93.9	93.0	83.7	78.2	65.6	61.0	52.6	48.6	45.2	45.1	40.8
Teens 15-17														
U.S.	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	N/A
Delaware	24.8	23.7	23.4	22.8	21.2	19.8	18.2	16.1	14.3	12.8	11.2	10.0	9.5	8.6
Kent	25.7	23.1	22.4	21.7	20.6	19.3	17.8	16.5	14.6	12.8	10.6	9.8	9.6	8.6
New Castle	23.3	22.6	22.0	21.3	20.0	18.7	17.1	15.0	13.3	12.0	10.6	9.2	8.4	7.4
Sussex	28.8	27.9	28.6	28.7	25.9	24.2	22.3	19.3	16.9	15.1	13.8	12.8	13.0	12.0
Teens 18-19														
U.S.	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	N/A
Delaware	63.1	63.0	62.4	62.1	61.2	58.3	55.0	51.7	48.3	45.2	42.4	40.3	38.2	35.7
Kent	73.1	71.0	70.8	68.3	65.0	59.9	56.5	52.8	49.5	47.8	44.7	44.6	41.8	38.8
New Castle	50.3	50.8	49.3	49.1	48.7	47.3	45.4	43.3	40.9	38.1	36.1	33.8	32.5	30.6
Sussex	113.8	112.3	114.3	116.2	115.3	107.8	98.0	87.6	77.0	68.9	62.0	56.5	51.9	48.1

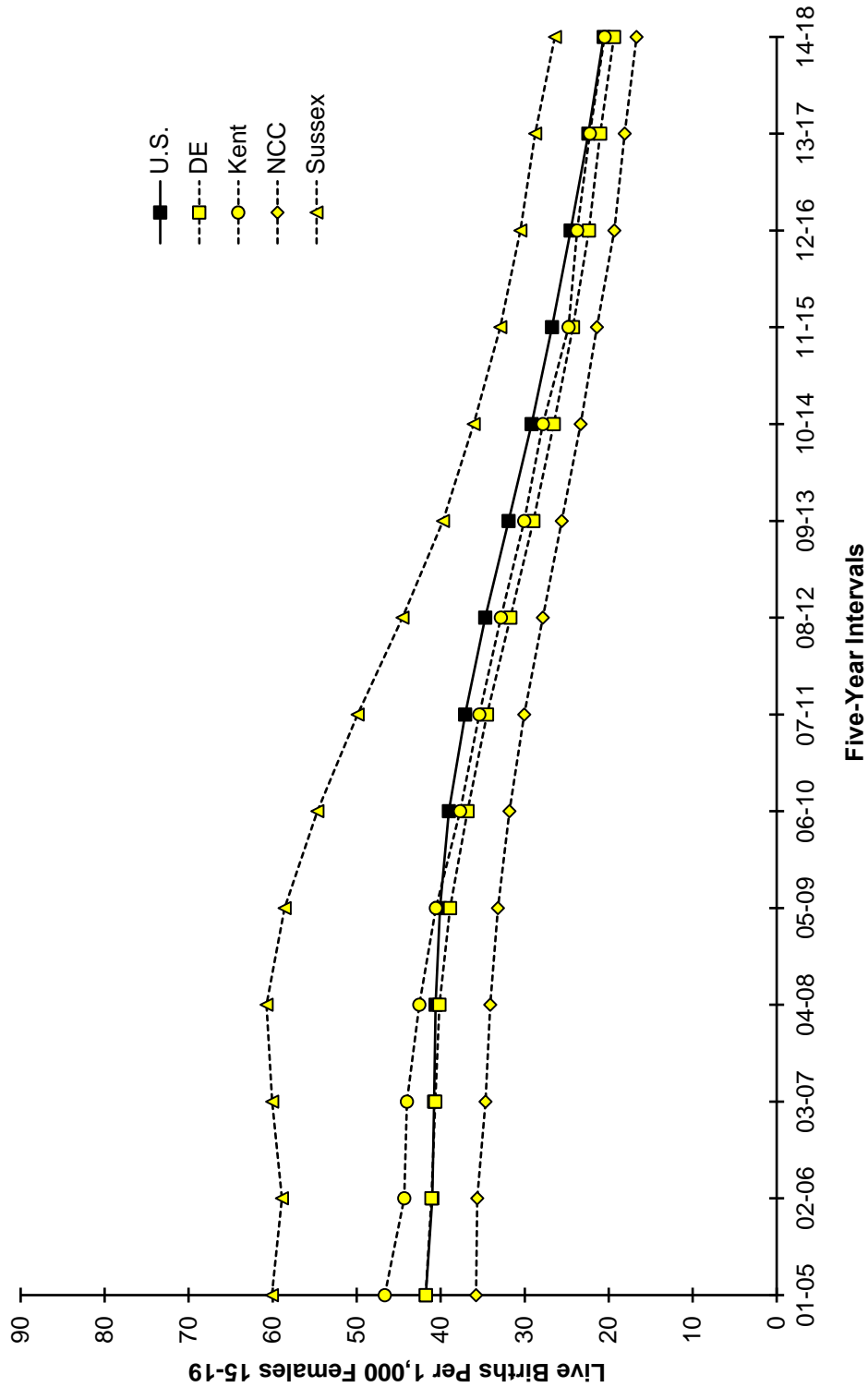
Notes:

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, 2001-2018



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

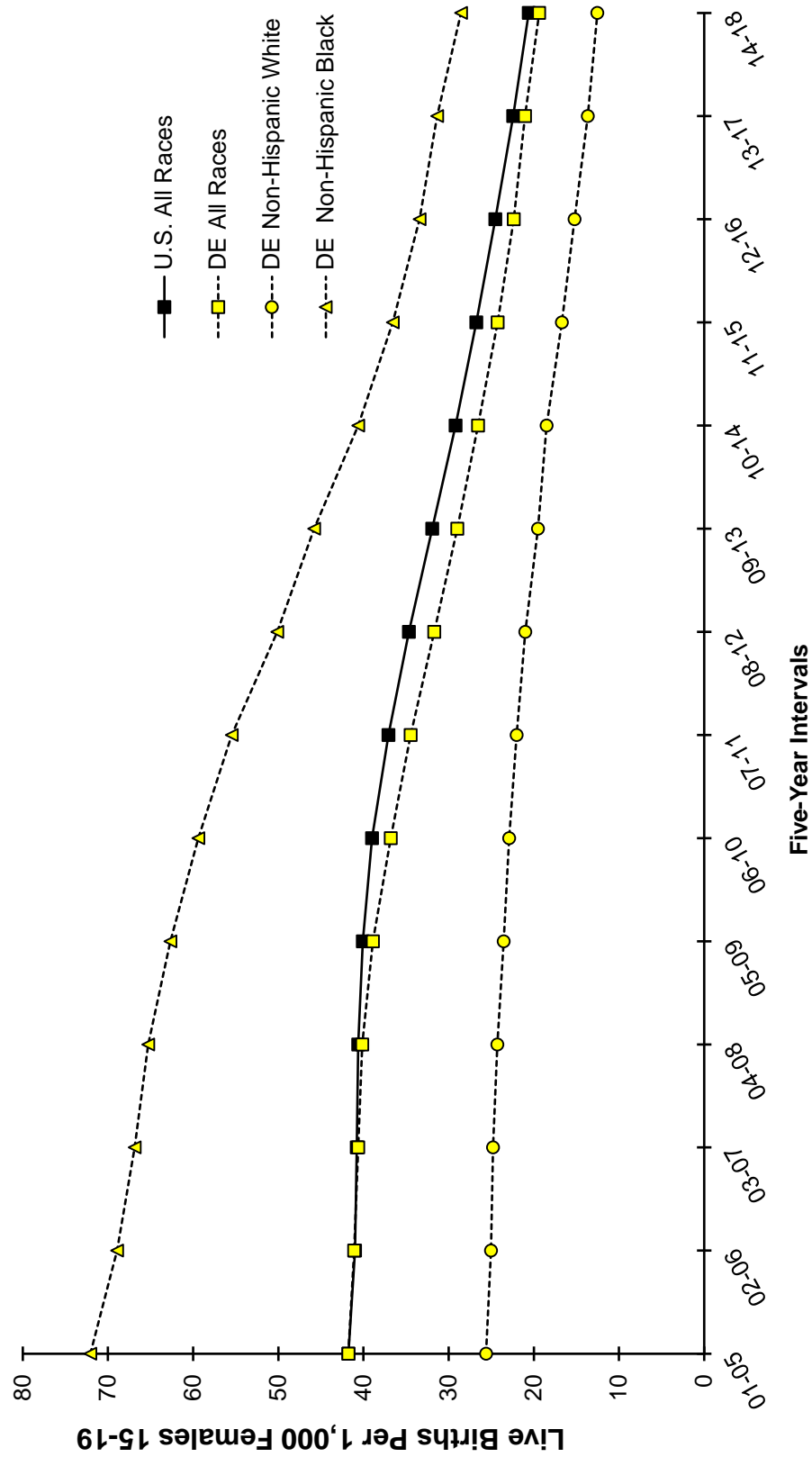
FIGURE C-2 TABLE FOR MAP (pending)
Five- year Total and Average Percentage of Live Births to
Teens (15-19) by Census County Division, Delaware,
2014-2018

CCD 2010	15-19	All	Percentage
Not Available	1	20	5.0%
Brandywine	100	4203	2.4%
Bridgeville-Greenwood	56	781	7.2%
Central Kent	93	1668	5.6%
Dover	296	5389	5.5%
Felton	31	465	6.7%
Georgetown	123	1347	9.1%
Glasgow	53	2243	2.4%
Harrington	57	787	7.2%
Kenton	19	425	4.5%
Laurel-Delmar	128	1647	7.8%
Lewes	33	1018	3.2%
Lower Christiana	144	2570	5.6%
Middletown-Odessa	75	2894	2.6%
Milford North	47	839	5.6%
Milford South	88	1383	6.4%
Millsboro	98	1500	6.5%
Milton	30	774	3.9%
Newark	111	3324	3.3%
New Castle	346	5759	6.0%
Piedmont	15	945	1.6%
Pike Creek-Central Kirkwood	64	2104	3.0%
Red Lion	16	417	3.8%
Seaford	139	1662	8.4%
Selbyville-Frankford	51	1150	4.4%
Smyrna	54	1616	3.3%
Upper Christiana	52	2030	2.6%
Wilmington	460	5514	8.3%
Total	2780	54474	5.1%

* CCD's are based on 2010 Census Geography

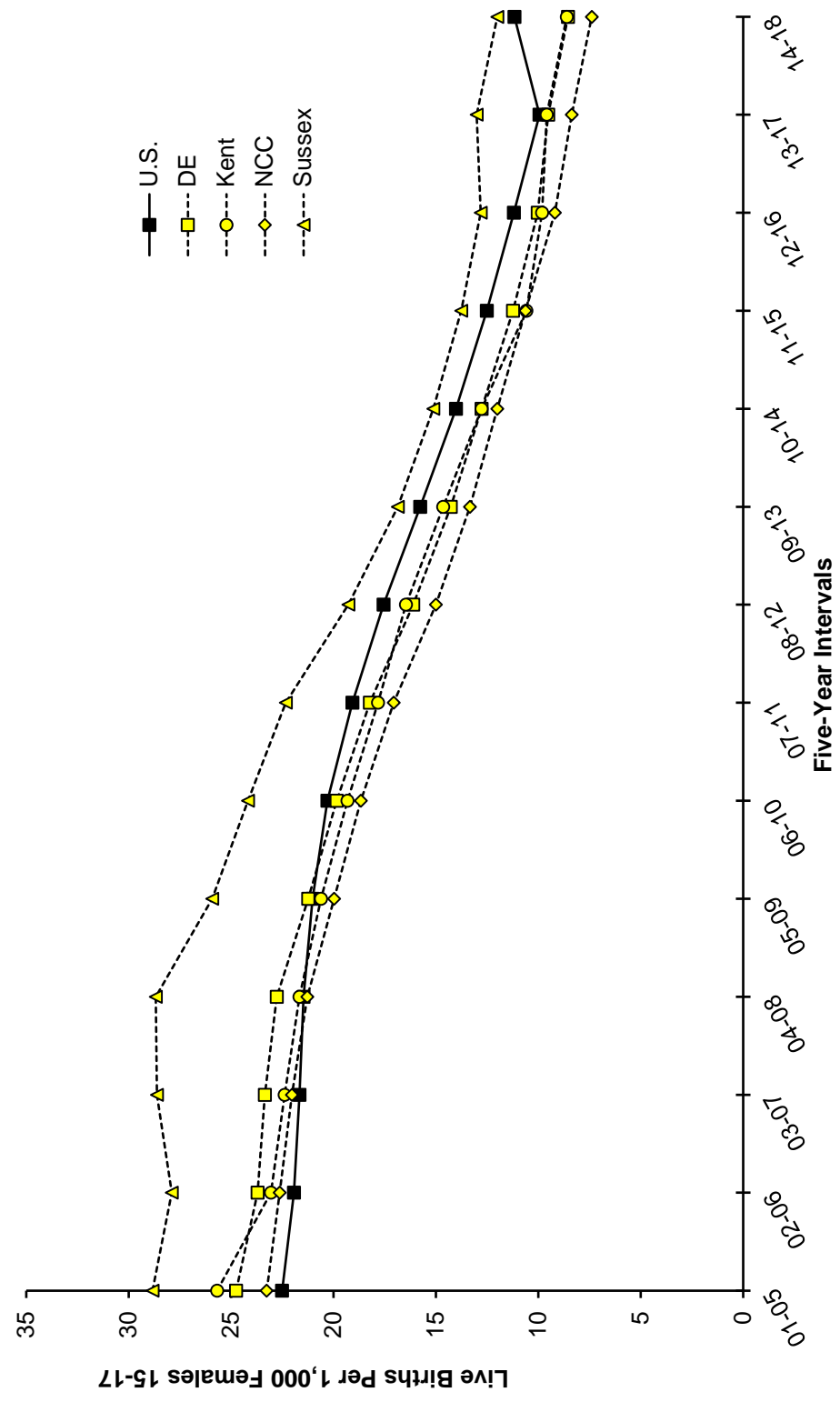
Sources: US Census
 Delaware Department of Health and Social Services, Division of
 Public Health, Delaware Health Statistics Center

Figure C-3. Five-Year Average Teenage (15-19) Live Birth Rates by Race, U.S. and Delaware, 2001-2018



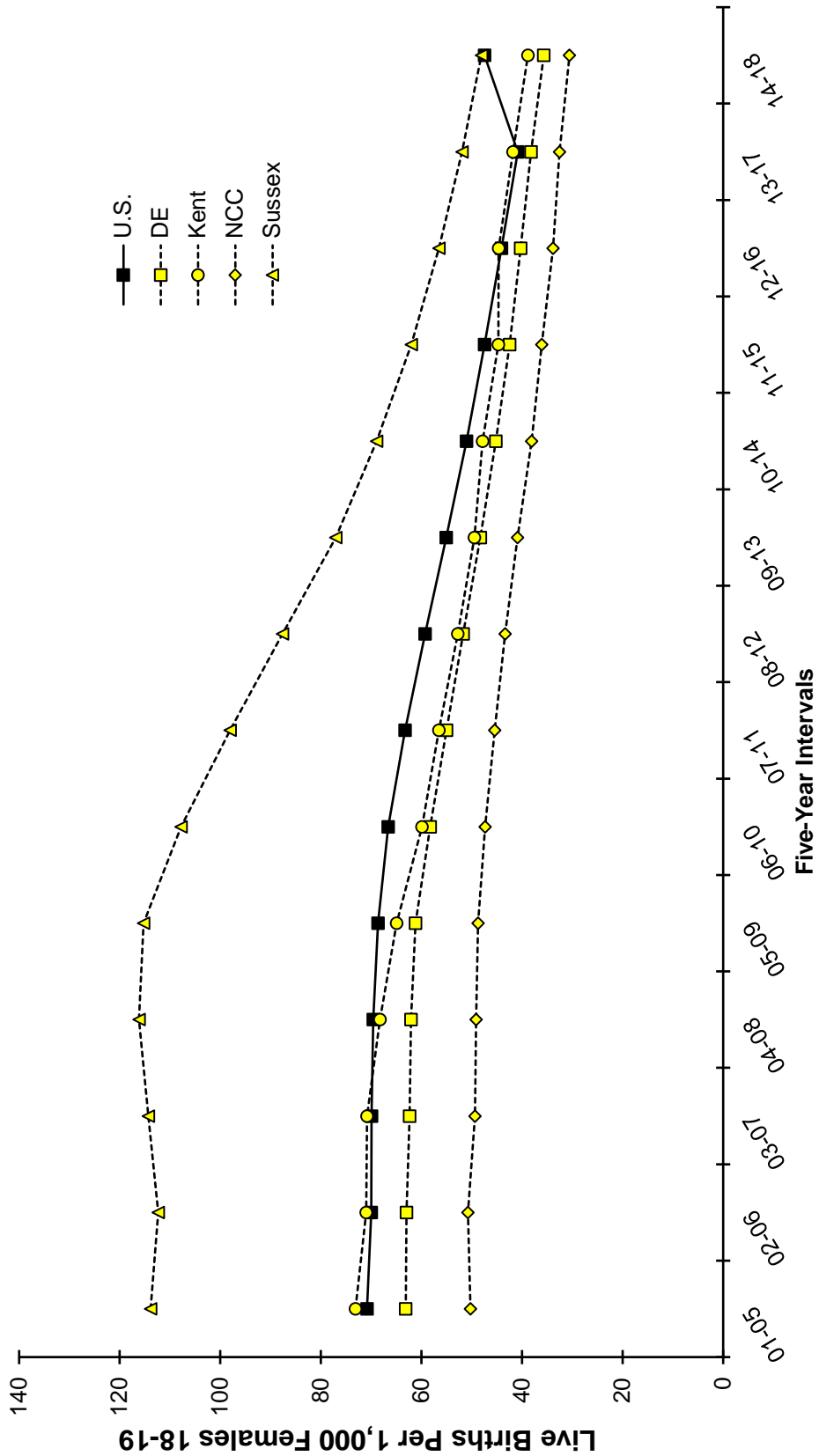
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center,

Figure C-4 Five-Year Average Teenage (15-17) Live Birth Rates, U.S., Delaware and Counties, 2001-2018



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, 2001-2018



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, 2001-2018

ALL RACES

Area/ Age	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	2014 -2018
U.S.														
General	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	61.4
10-14	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	0.2
15-19	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	20.6
20-24	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	73.9
25-29	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	101.0
30-34	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	101.0
35-39	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	52.1
40-44	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	11.3
45-49**	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9
Delaware														
General	63.8	64.8	65.6	66.0	65.8	65.3	64.6	63.4	62.1	61.6	61.4	61.0	60.7	60.2
10-14	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	0.3
15-19	41.8	41.1	40.6	40.2	38.9	36.8	34.5	31.7	29.0	26.5	24.2	22.4	21.0	19.4
20-24	101.8	102.5	102.4	100.9	98.9	95.9	91.5	86.2	80.7	76.0	72.7	69.8	67.8	67.0
25-29	108.6	110.3	112.2	115.0	115.8	116.1	115.7	113.7	110.9	110.1	108.4	105.6	103.4	99.4
30-34	94.0	95.0	95.8	94.9	94.9	95.6	96.3	97.1	98.5	100.3	101.6	103.2	103.7	104.7
35-39	40.2	42.1	43.4	44.8	45.0	45.4	45.9	46.4	46.2	47.1	48.6	49.3	49.5	50.2
40-44	7.8	7.9	8.2	8.4	8.3	8.5	8.7	8.7	8.9	9.2	9.4	9.6	9.8	10.1
45-49**	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	0.8
Kent														
General	66.7	67.5	68.3	68.3	68.6	68.0	67.0	66.3	65.2	64.8	64.4	64.2	63.5	62.8
10-14	1.0	0.9	0.8	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.3
15-19	46.7	44.3	44.0	42.6	40.6	37.7	35.4	32.8	30.1	27.9	24.8	23.8	22.3	20.5
20-24	133.9	131.7	129.8	123.2	121.0	116.1	110.0	103.5	97.9	92.0	89.1	87.1	86.0	86.0
25-29	115.2	117.8	121.1	123.9	126.8	127.9	128.1	125.3	123.3	122.3	119.6	117.2	113.5	109.0
30-34	78.6	81.0	81.7	82.5	84.0	85.2	86.5	89.6	91.5	94.2	95.3	95.5	95.2	96.0
35-39	31.5	33.3	33.4	35.8	35.9	36.3	35.2	37.4	36.5	38.2	40.7	42.0	41.9	42.3
40-44	6.7	7.2	7.4	7.3	7.3	7.3	7.0	7.3	7.6	7.7	7.6	8.3	8.6	8.7
45-49**	0.5	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.7	0.6	0.5	0.5	0.7	0.6
New Castle														
General	61.1	62.0	62.4	62.6	62.2	61.7	61.2	59.9	58.8	58.4	58.3	57.7	57.6	57.2
10-14	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	0.3
15-19	35.8	35.6	34.6	34.1	33.2	31.8	30.1	27.8	25.6	23.3	21.4	19.3	18.1	16.7
20-24	81.1	82.1	81.2	80.0	78.4	76.3	73.0	68.8	64.5	60.9	58.2	55.4	54.6	54.4
25-29	103.7	105.2	105.8	108.0	108.3	108.0	107.7	106.0	103.1	102.4	100.3	96.3	93.4	88.4
30-34	99.6	100.2	101.3	100.6	100.3	100.8	101.8	101.6	102.4	103.8	105.4	106.7	107.9	108.7
35-39	44.9	47.0	48.8	49.7	49.6	49.8	50.6	50.5	50.6	51.3	52.2	52.5	52.5	53.0
40-44	8.5	8.4	8.9	9.2	9.1	9.3	9.7	9.3	9.5	9.9	10.2	10.3	10.6	10.8
45-49**	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	0.8
Sussex														
General	71.4	72.7	74.9	76.5	76.2	75.8	74.2	72.7	70.5	69.6	69.2	69.1	68.0	67.6
10-14	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	0.4
15-19	60.1	58.9	60.1	60.7	58.6	54.7	49.9	44.5	39.7	36.1	32.9	30.5	28.8	26.4
20-24	160.9	161.2	164.7	165.7	160.0	153.7	145.8	137.4	127.5	120.1	113.0	107.0	97.2	90.4
25-29	121.1	122.5	127.3	131.8	131.5	132.7	130.8	128.2	124.5	123.8	124.4	125.0	128.2	129.5
30-34	86.9	88.7	89.0	86.0	86.1	87.1	86.8	88.8	91.9	94.2	95.3	99.1	98.5	100.5
35-39	31.3	33.1	34.1	36.6	38.1	39.4	40.4	41.7	40.9	42.0	45.0	46.3	47.3	48.8
40-44	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	9.1
45-49**	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	0.7

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, 2001-2018

NON-HISPANIC WHITE

Area/ Age	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	2014 -2018
U.S.														
General	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	57.6
10-14	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	0.1
15-19	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	14.5
20-24	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	62.1
25-29	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	97.8
30-34	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	103.3
35-39	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	49.8
40-44	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	9.5
45-49**	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	0.7
Delaware														
General	56.4	56.7	56.9	57.1	57.0	57.3	57.5	57.6	57.2	57.3	56.9	56.5	55.3	54.3
10-14	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	0.1
15-19	25.6	25.0	24.8	24.3	23.5	22.9	22.0	21.0	19.5	18.5	16.7	15.2	13.7	12.5
20-24	76.1	75.7	74.6	73.0	72.0	70.7	68.3	65.5	62.2	59.0	56.0	53.8	51.8	50.3
25-29	101.8	102.4	103.4	106.0	107.8	109.0	109.7	109.1	106.8	106.0	102.6	98.7	93.8	88.5
30-34	101.4	101.4	101.1	99.4	98.5	100.0	101.7	103.8	106.1	107.7	108.1	108.8	107.3	106.2
35-39	41.4	43.1	44.4	46.1	46.1	46.7	46.9	47.1	46.8	47.1	48.3	48.1	47.5	47.2
40-44	7.7	7.6	7.6	7.7	7.4	7.6	8.1	8.4	8.6	8.9	8.9	8.8	8.7	8.6
45-49**	0.4	0.4	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.7	0.6
Kent														
General	65.5	66.5	67.0	67.4	68.1	68.0	67.7	68.0	67.0	67.0	66.2	65.4	63.4	62.3
10-14	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	0.1
15-19	38.0	35.8	36.5	35.2	34.0	32.2	31.6	28.9	25.5	24.8	21.7	19.3	17.4	16.4
20-24	139.6	136.5	132.6	126.6	124.6	119.3	111.5	107.0	102.4	97.8	94.4	94.0	91.1	87.4
25-29	116.8	120.0	123.8	126.6	130.6	132.4	133.3	131.0	128.6	128.1	124.9	123.7	121.1	120.6
30-34	83.7	86.8	86.0	86.5	87.4	88.5	90.8	95.9	97.6	100.5	102.2	100.7	97.3	97.3
35-39	33.3	34.4	34.6	36.7	36.9	37.5	36.2	38.2	36.9	37.0	38.4	38.2	37.2	37.1
40-44	6.5	6.9	7.0	7.0	6.8	6.6	6.5	6.8	7.2	7.4	7.4	7.7	7.6	7.1
45-49**	0.5	0.3	0.4	0.3	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.4	0.6	0.5
New Castle														
General	53.4	53.5	53.4	53.2	52.7	53.0	53.5	53.3	53.2	53.2	52.7	52.1	51.2	49.8
10-14	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	0.0
15-19	18.7	18.3	17.9	17.3	16.7	16.3	15.8	14.9	13.9	12.9	11.7	10.8	9.9	9.2
20-24	51.9	51.2	49.7	48.2	47.4	46.7	46.3	44.1	41.9	39.7	37.3	34.8	34.1	33.2
25-29	96.3	96.4	96.0	97.2	98.3	98.8	99.7	99.1	97.0	95.3	90.3	84.0	76.8	69.4
30-34	110.1	109.7	109.9	108.8	107.4	109.2	111.4	112.7	114.4	115.4	115.7	116.1	114.9	112.7
35-39	47.5	49.6	51.6	52.9	52.7	53.2	53.9	53.7	54.8	55.2	55.5	55.2	53.9	52.5
40-44	8.4	8.2	8.4	8.6	8.4	8.8	9.5	9.5	9.6	9.9	10.0	9.8	9.9	9.9
45-49**	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	0.7
Sussex														
General	58.1	58.6	59.2	60.2	60.3	60.9	60.2	60.7	60.1	60.1	60.3	60.6	59.5	59.2
10-14	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	0.1
15-19	39.3	39.1	38.3	38.2	36.9	36.3	33.9	33.2	31.0	29.1	26.0	23.1	19.9	17.3
20-24	121.8	122.6	122.7	121.7	118.1	116.0	109.3	106.3	101.5	96.4	91.1	86.2	76.1	70.0
25-29	106.5	105.5	107.5	114.0	115.0	116.8	116.0	116.8	113.6	114.8	116.2	118.5	120.8	121.5
30-34	88.2	87.8	86.9	82.1	81.9	83.3	83.4	85.4	90.4	92.3	92.3	96.3	96.2	97.3
35-39	29.8	31.1	32.2	34.8	36.0	37.0	37.6	37.6	35.2	35.4	38.9	39.2	40.8	43.1
40-44	6.5	6.2	5.9	5.5	5.4	5.3	5.7	6.5	7.3	7.6	7.6	7.4	6.9	6.9
45-49**	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	0.6

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, 2001-2018

NON-HISPANIC BLACK

Area/ Age	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	2014 -2018
U.S.														
General	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	62.9
10-14	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	0.5
15-19	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	29.8
20-24	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	96.2
25-29	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	99.6
30-34	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	81.6
35-39	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	44.3
40-44	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	11.0
45-49**	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	1.0
Delaware														
General	70.5	70.7	72.0	72.6	72.8	73.0	72.7	71.0	69.8	68.2	67.7	67.0	66.9	66.2
10-14	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	0.8
15-19	72.1	68.9	66.9	65.3	62.7	59.4	55.5	50.1	45.8	40.6	36.6	33.4	31.4	28.6
20-24	147.8	146.6	145.7	143.2	139.9	137.7	134.2	128.1	121.0	112.8	106.4	99.7	94.3	90.9
25-29	108.3	109.2	113.0	117.9	120.0	121.4	123.0	120.3	118.2	116.0	115.2	112.4	114.0	109.5
30-34	66.0	67.5	71.2	72.0	75.7	77.9	80.4	81.8	84.2	86.2	88.9	91.6	92.6	94.2
35-39	31.9	34.0	36.1	36.3	37.4	39.3	40.7	41.9	43.8	45.2	47.5	49.1	49.8	51.4
40-44	7.1	7.3	8.0	8.8	9.0	9.2	9.2	8.9	8.7	8.6	8.8	9.2	9.9	10.8
45-49**	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	0.8
Kent														
General	69.0	69.2	70.6	69.6	69.6	69.4	68.5	66.7	65.9	65.2	65.1	66.2	67.6	67.4
10-14	2.6	2.2	2.0	1.9	1.3	0.8	0.8	0.4	0.3	0.4	0.7	0.7	0.8	0.9
15-19	62.1	58.8	56.1	53.3	49.4	46.9	42.5	41.3	39.2	36.0	32.8	34.1	32.0	30.3
20-24	126.6	126.3	127.6	119.2	117.4	113.8	109.8	100.3	92.5	85.3	82.4	79.5	81.4	86.7
25-29	116.6	116.2	120.8	124.9	128.5	127.7	129.7	127.5	124.9	120.0	117.2	110.1	102.3	91.0
30-34	60.0	62.1	66.6	69.3	73.9	78.6	81.3	81.4	84.5	89.2	89.3	93.1	99.4	101.1
35-39	25.2	28.4	29.7	30.8	30.6	32.3	33.1	36.3	39.4	44.5	49.8	54.7	56.9	57.4
40-44	6.3	7.2	7.8	7.9	8.4	9.5	9.1	8.2	8.4	8.2	7.1	8.4	10.4	11.5
45-49**	0.4	0.4	0.2	0.2	0.0	0.6	0.9	0.9	1.1	1.3	0.7	0.6	1.0	0.8
New Castle														
General	69.0	69.4	70.2	71.2	71.6	72.0	71.8	70.3	68.8	67.0	66.6	65.1	64.5	63.8
10-14	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	0.7
15-19	69.8	67.5	64.8	63.7	61.5	59.3	56.0	50.5	45.3	39.9	35.5	31.0	28.5	25.7
20-24	144.5	144.8	141.5	140.4	137.4	136.7	132.8	128.8	123.1	114.8	108.2	99.8	91.3	85.7
25-29	104.5	105.6	108.6	114.4	116.5	118.3	119.9	117.3	115.1	113.6	113.6	111.7	115.8	113.3
30-34	70.5	72.0	75.6	76.3	80.3	81.5	83.4	84.4	86.6	87.6	90.6	92.6	92.4	93.3
35-39	34.9	36.5	38.7	38.9	40.1	41.8	43.7	44.4	44.9	45.4	47.2	47.7	48.2	50.5
40-44	7.5	7.6	8.5	9.4	9.5	9.5	9.5	9.1	9.0	9.0	9.5	9.8	10.3	11.0
45-49**	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	0.8
Sussex														
General	80.2	79.4	83.6	84.7	84.8	84.2	85.2	82.9	82.5	80.7	79.0	78.8	79.0	77.9
10-14	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	0.9
15-19	97.1	91.3	94.2	93.9	93.0	83.7	78.2	65.6	61.0	52.6	48.6	45.2	45.1	40.8
20-24	201.2	192.7	200.5	204.4	198.5	192.8	194.3	189.0	180.6	174.4	161.0	152.5	142.5	129.1
25-29	117.9	119.3	126.4	126.6	125.5	128.4	129.3	125.1	124.2	122.3	120.6	120.6	129.1	132.7
30-34	48.8	50.0	53.3	51.3	52.1	55.5	60.8	67.4	69.8	73.7	79.0	83.7	83.9	88.8
35-39	24.1	27.5	29.7	28.3	30.7	35.1	34.7	35.0	44.3	45.6	45.6	48.6	48.0	46.9
40-44	6.1	6.1	5.7	6.6	6.8	6.6	7.3	8.5	7.4	6.8	7.1	7.3	6.3	8.6
45-49**	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	0.7

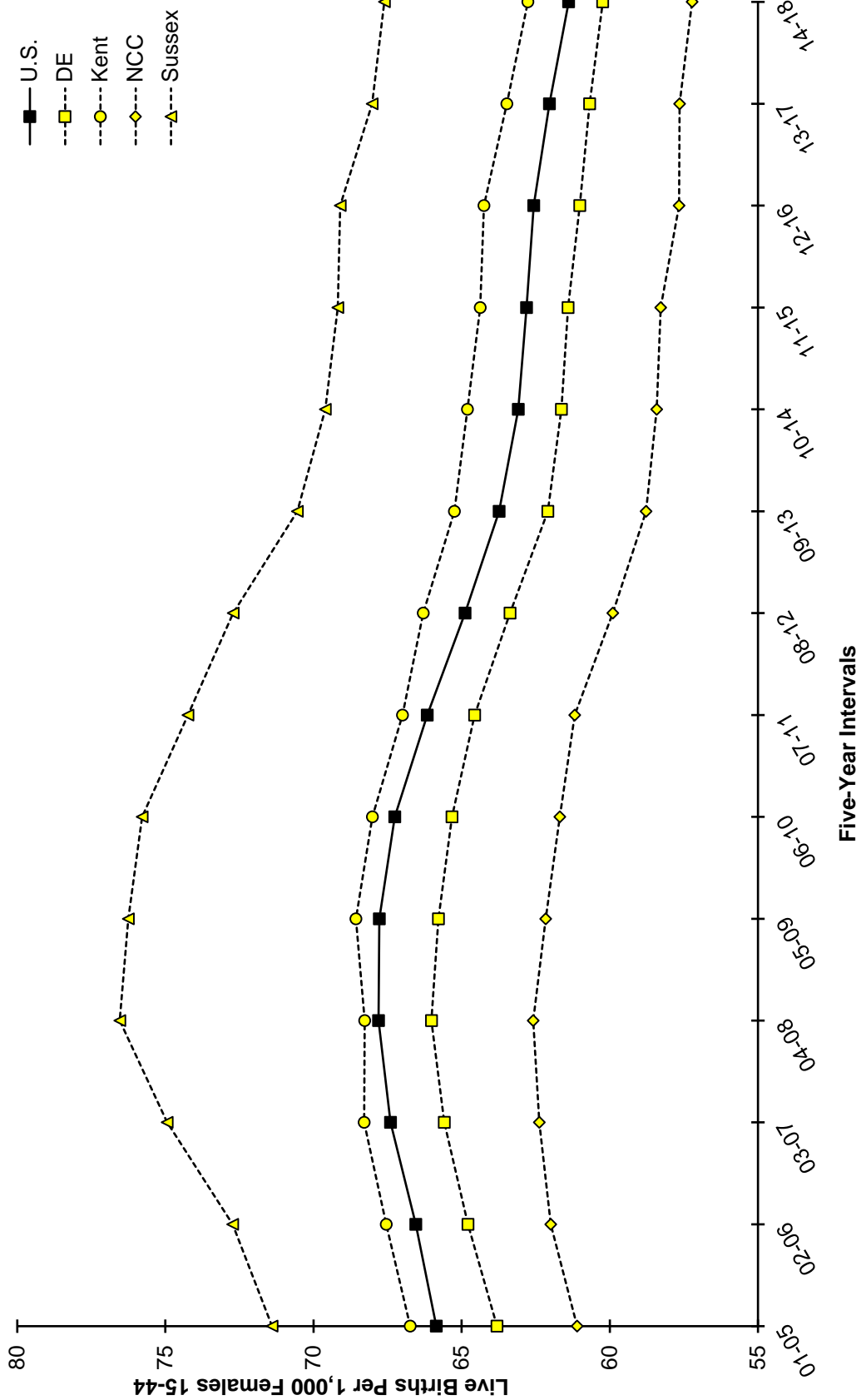
Notes:

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

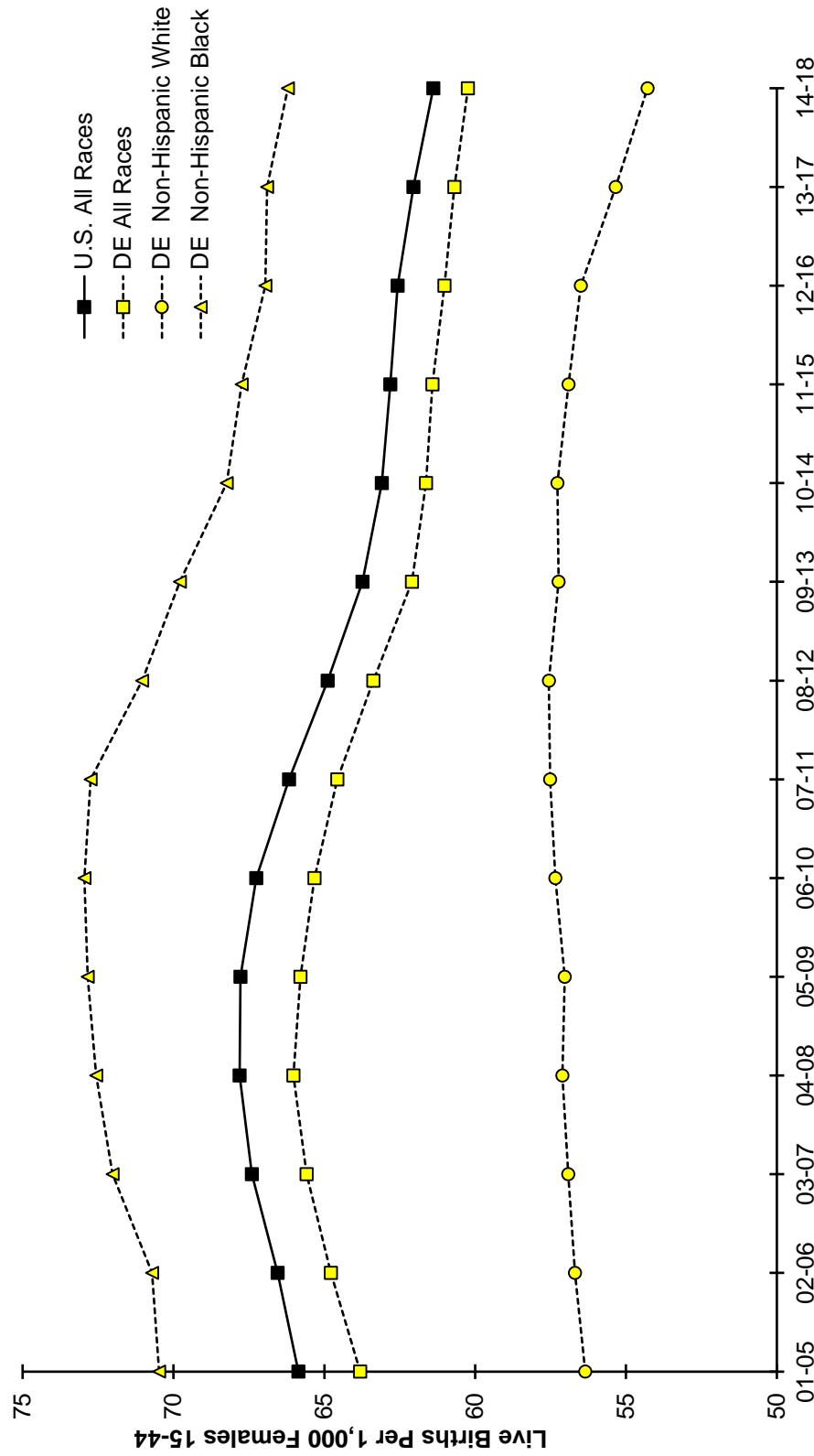
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-6. Five-Year Average General Fertility Rates, U.S., Delaware, and Counties, 2001-2018



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

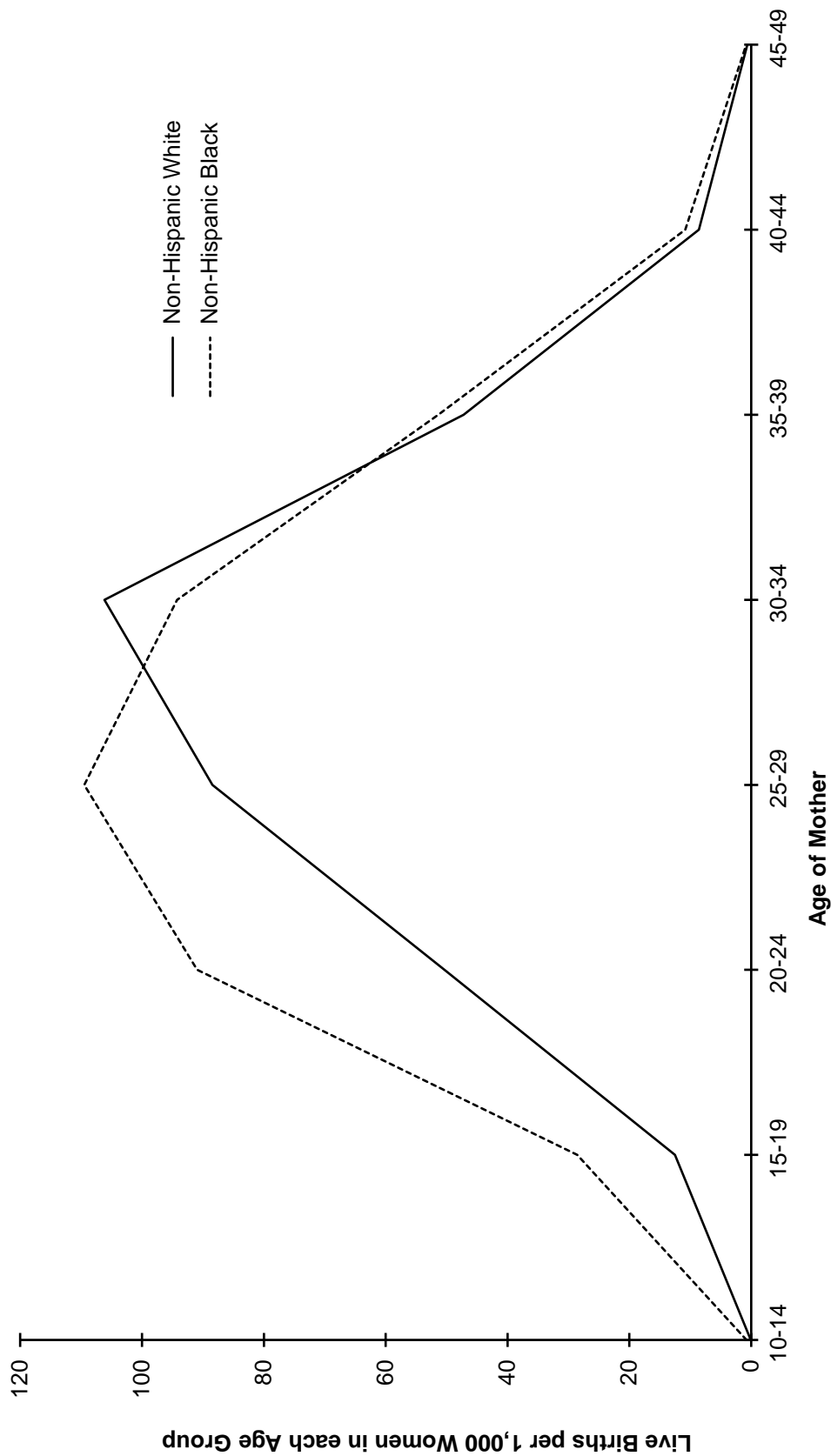
Figure C-7. Five-Year Average General Fertility Rates by Race, U.S., and Delaware, 2001-2018



Five-Year Intervals

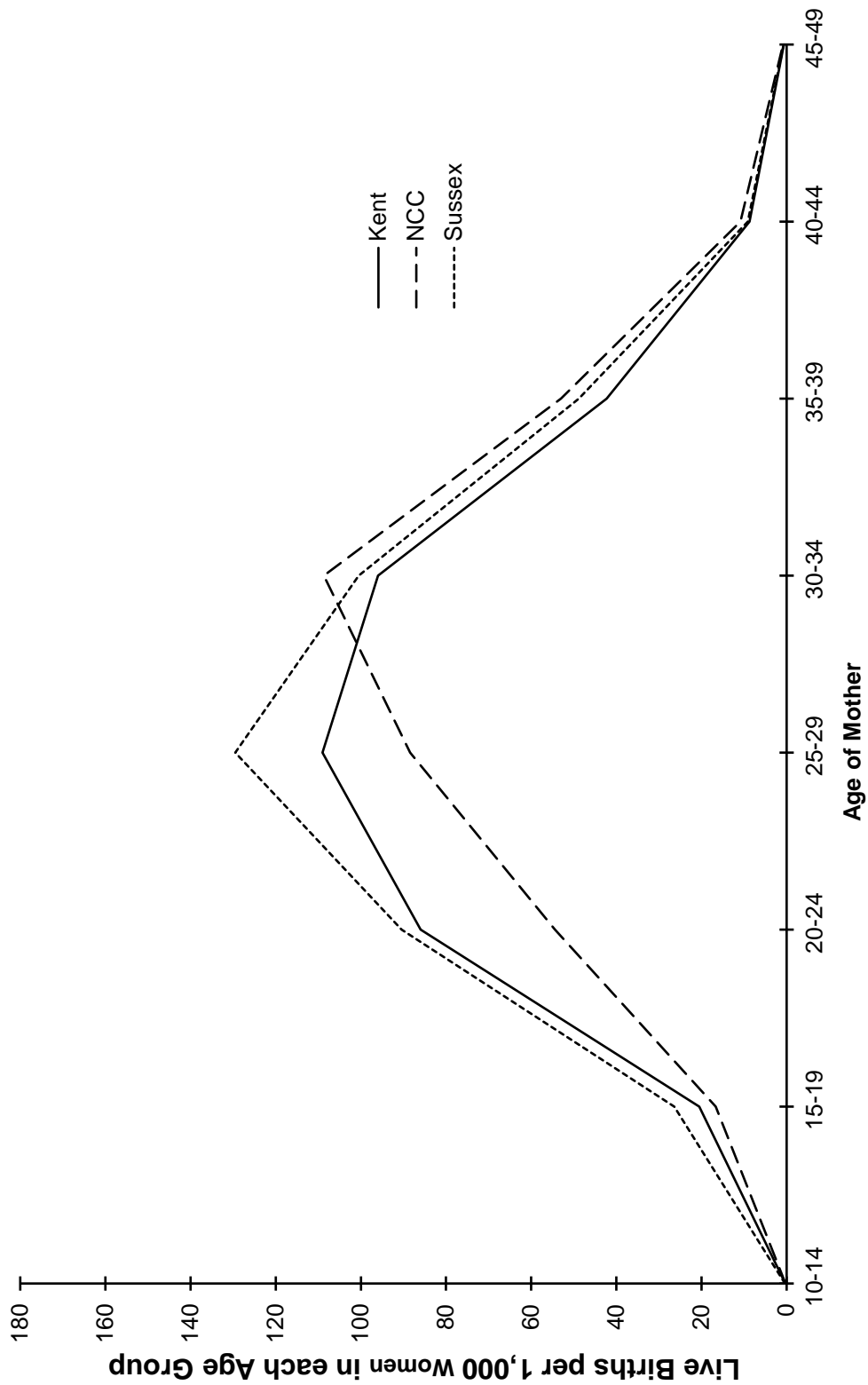
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-8. Five-Year Average Age-Specific Live Birth Rates by Race, Delaware, 2014-2018



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, 2014-2018



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, 2018

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	10,593	5,197	2,880	14	97	2	0	60	497	96	1,750
<15	5	0	5	0	0	0	0	0	0	0	0
15-17	121	34	55	0	1	0	0	0	0	2	29
18-19	376	126	140	1	0	0	0	2	0	6	101
20-24	1,960	762	704	3	3	1	0	5	25	22	435
25-29	3,110	1,557	840	3	21	1	0	10	146	25	507
30-34	3,190	1,776	670	3	52	0	0	18	234	22	415
35-39	1,514	808	374	3	14	0	0	20	80	16	199
40+	317	134	92	1	6	0	0	5	12	3	64
Unknown	0	0	0	0	0	0	0	0	0	0	0
Kent	2,149	1,205	618	6	4	0	0	24	33	22	237
<15	1	0	1	0	0	0	0	0	0	0	0
15-17	23	8	12	0	0	0	0	0	0	0	3
18-19	72	34	27	0	0	0	0	0	0	3	8
20-24	492	243	165	2	0	0	0	3	4	7	68
25-29	680	404	181	2	1	0	0	5	11	6	70
30-34	597	366	147	1	2	0	0	8	9	5	59
35-39	234	131	67	1	1	0	0	6	7	1	20
40+	50	19	18	0	0	0	0	2	2	0	9
Unknown	0	0	0	0	0	0	0	0	0	0	0
New Castle	6,165	2,710	1,862	5	86	2	0	27	441	61	971
<15	3	0	3	0	0	0	0	0	0	0	0
15-17	63	14	32	0	1	0	0	0	0	1	15
18-19	202	53	88	0	0	0	0	2	0	1	58
20-24	1,003	294	439	0	2	1	0	2	20	13	232
25-29	1,738	743	533	0	18	1	0	4	127	15	297
30-34	1,960	1,015	444	2	48	0	0	6	215	14	216
35-39	1,002	513	259	2	11	0	0	10	70	15	122
40+	194	78	64	1	6	0	0	3	9	2	31
Unknown	0	0	0	0	0	0	0	0	0	0	0
Wilmington	899	176	557	2	5	0	0	0	7	7	145
<15	2	0	2	0	0	0	0	0	0	0	0
15-17	21	2	18	0	0	0	0	0	0	0	1
18-19	56	2	40	0	0	0	0	0	0	0	14
20-24	217	17	149	0	0	0	0	0	1	4	46
25-29	251	45	167	0	1	0	0	0	0	1	37
30-34	205	64	106	0	4	0	0	0	2	1	28
35-39	118	37	59	1	0	0	0	0	4	1	16
40+	29	9	16	1	0	0	0	0	0	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,266	2,534	1,305	3	81	2	0	27	434	54	826
<15	1	0	1	0	0	0	0	0	0	0	0
15-17	42	12	14	0	1	0	0	0	0	1	14
18-19	146	51	48	0	0	0	0	2	0	1	44
20-24	786	277	290	0	2	1	0	2	19	9	186
25-29	1,487	698	366	0	17	1	0	4	127	14	260
30-34	1,755	951	338	2	44	0	0	6	213	13	188
35-39	884	476	200	1	11	0	0	10	66	14	106
40+	165	69	48	0	6	0	0	3	9	2	28
Unknown	0	0	0	0	0	0	0	0	0	0	0
Sussex	2,279	1,282	400	3	7	0	0	9	23	13	542
<15	1	0	1	0	0	0	0	0	0	0	0
15-17	35	12	11	0	0	0	0	0	0	1	11
18-19	102	39	25	1	0	0	0	0	0	2	35
20-24	465	225	100	1	1	0	0	0	1	2	135
25-29	692	410	126	1	2	0	0	1	8	4	140
30-34	633	395	79	0	2	0	0	4	10	3	140
35-39	278	164	48	0	2	0	0	4	3	0	57
40+	73	37	10	0	0	0	0	0	1	1	24
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, 2018

Area/ Age of Mother	Age of Father									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	5,622	1	0	12	240	1,076	2,063	1,433	713	84
<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	26	0	0	6	17	3	0	0	0	0
20-24	438	1	0	6	169	167	66	16	2	11
25-29	1,592	0	0	0	44	702	587	170	58	31
30-34	2,262	0	0	0	4	175	1,206	653	202	22
35-39	1,075	0	0	0	5	24	186	544	301	15
40+	228	0	0	0	0	5	18	50	150	5
Unknown	0	0	0	0	0	0	0	0	0	0
Kent	1,144	0	0	8	108	278	383	221	131	15
<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	8	0	0	4	4	0	0	0	0	0
20-24	152	0	0	4	84	45	13	4	1	1
25-29	371	0	0	0	15	176	132	30	12	6
30-34	416	0	0	0	3	52	212	108	35	6
35-39	161	0	0	0	1	4	25	73	56	2
40+	35	0	0	0	0	1	1	6	27	0
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	3,338	0	0	3	73	540	1,275	956	445	46
<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	11	0	0	1	7	3	0	0	0	0
20-24	165	0	0	2	50	64	37	5	1	6
25-29	865	0	0	0	13	369	332	103	31	17
30-34	1,432	0	0	0	0	88	778	430	125	11
35-39	726	0	0	0	3	14	122	380	196	11
40+	139	0	0	0	0	2	6	38	92	1
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	250	0	0	0	12	40	78	68	40	12
<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	1	0	0	0	1	0	0	0	0	0
20-24	24	0	0	0	7	8	6	1	0	2
25-29	56	0	0	0	4	24	16	8	3	1
30-34	92	0	0	0	0	8	48	20	10	6
35-39	60	0	0	0	0	0	6	36	16	2
40+	17	0	0	0	0	0	2	3	11	1
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	3,088	0	0	3	61	500	1,197	888	405	34
<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	10	0	0	1	6	3	0	0	0	0
20-24	141	0	0	2	43	56	31	4	1	4
25-29	809	0	0	0	9	345	316	95	28	16
30-34	1,340	0	0	0	0	80	730	410	115	5
35-39	666	0	0	0	3	14	116	344	180	9
40+	122	0	0	0	0	2	4	35	81	0
Unknown	0	0	0	0	0	0	0	0	0	0
Sussex	1,140	1	0	1	59	258	405	256	137	23
<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	7	0	0	1	6	0	0	0	0	0
20-24	121	1	0	0	35	58	16	7	0	4
25-29	356	0	0	0	16	157	123	37	15	8
30-34	414	0	0	0	1	35	216	115	42	5
35-39	188	0	0	0	1	6	39	91	49	2
40+	54	0	0	0	0	2	11	6	31	4
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, 2018

Area/ Education	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,593	5	121	376	1,960	3,110	3,190	1,514	317	0
<9	460	2	9	16	77	119	130	89	18	0
9 to 11	1,046	3	99	134	268	252	190	79	21	0
H.S. Graduate	2,814	0	11	179	877	946	514	244	43	0
1 to 3 College	2,860	0	0	44	620	968	801	338	89	0
4+ College	3,348	0	0	0	103	810	1,536	753	146	0
Unknown	65	0	2	3	15	15	19	11	0	0
Kent	2,149	1	23	72	492	680	597	234	50	0
<9	76	1	0	0	15	22	22	15	1	0
9 to 11	213	0	19	27	59	51	41	14	2	0
H.S. Graduate	581	0	3	37	191	208	100	35	7	0
1 to 3 College	763	0	0	8	197	249	207	81	21	0
4+ College	491	0	0	0	24	145	220	83	19	0
Unknown	25	0	1	0	6	5	7	6	0	0
New Castle	6,165	3	63	202	1,003	1,738	1,960	1,002	194	0
<9	148	1	5	2	16	35	44	38	7	0
9 to 11	514	2	53	71	128	126	86	38	10	0
H.S. Graduate	1,633	0	4	101	493	542	302	165	26	0
1 to 3 College	1,476	0	0	25	300	483	429	193	46	0
4+ College	2,359	0	0	0	58	543	1,088	565	105	0
Unknown	35	0	1	3	8	9	11	3	0	0
Wilmington	899	2	21	56	217	251	205	118	29	0
<9	19	1	3	0	4	4	5	2	0	0
9 to 11	143	1	18	20	34	33	21	14	2	0
H.S. Graduate	376	0	0	31	123	113	65	37	7	0
1 to 3 College	181	0	0	3	46	59	48	17	8	0
4+ College	168	0	0	0	5	40	64	47	12	0
Unknown	12	0	0	2	5	2	2	1	0	0
Balance of NC County	5,266	1	42	146	786	1,487	1,755	884	165	0
<9	129	0	2	2	12	31	39	36	7	0
9 to 11	371	1	35	51	94	93	65	24	8	0
H.S. Graduate	1,257	0	4	70	370	429	237	128	19	0
1 to 3 College	1,295	0	0	22	254	424	381	176	38	0
4+ College	2,191	0	0	0	53	503	1,024	518	93	0
Unknown	23	0	1	1	3	7	9	2	0	0
Sussex	2,279	1	35	102	465	692	633	278	73	0
<9	236	0	4	14	46	62	64	36	10	0
9 to 11	319	1	27	36	81	75	63	27	9	0
H.S. Graduate	600	0	4	41	193	196	112	44	10	0
1 to 3 College	621	0	0	11	123	236	165	64	22	0
4+ College	498	0	0	0	21	122	228	105	22	0
Unknown	5	0	0	0	1	1	1	2	0	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, 2018

Area/ Education	All Races		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,593	100.0	5,197	100.0	2,880	100.0	766	100.0	1,750	100.0
<9	460	4.3	88	1.7	23	0.8	11	1.4	338	19.3
9 to 11	1,046	9.9	373	7.2	346	12.0	34	4.4	293	16.7
H.S. Grad.	2,814	26.6	1,105	21.3	1,091	37.9	88	11.5	530	30.3
1 to 3 College	2,860	27.0	1,488	28.6	868	30.1	115	15.0	389	22.2
4+ College	3,348	31.6	2,132	41.0	532	18.5	514	67.1	170	9.7
Unknown	65	0.6	11	0.2	20	0.7	4	0.5	30	1.7
Kent	2,149	100.0	1,205	100.0	618	100.0	89	100.0	237	100.0
<9	76	3.5	53	4.4	5	0.8	1	1.1	17	7.2
9 to 11	213	9.9	107	8.9	70	11.3	8	9.0	28	11.8
H.S. Grad.	581	27.0	291	24.1	208	33.7	16	18.0	66	27.8
1 to 3 College	763	35.5	427	35.4	230	37.2	27	30.3	79	33.3
4+ College	491	22.8	322	26.7	99	16.0	37	41.6	33	13.9
Unknown	25	1.2	5	0.4	6	1.0	0	0.0	14	5.9
New Castle	6,165	100.0	2,710	100.0	1,862	100.0	622	100.0	971	100.0
<9	148	2.4	23	0.8	12	0.6	10	1.6	103	10.6
9 to 11	514	8.3	141	5.2	186	10.0	21	3.4	166	17.1
H.S. Grad.	1,633	26.5	515	19.0	721	38.7	62	10.0	335	34.5
1 to 3 College	1,476	23.9	637	23.5	525	28.2	71	11.4	243	25.0
4+ College	2,359	38.3	1,390	51.3	405	21.8	454	73.0	110	11.3
Unknown	35	0.6	4	0.1	13	0.7	4	0.6	14	1.4
Wilmington	899	100.0	176	100.0	557	100.0	21	100.0	145	100.0
<9	19	2.1	1	0.6	5	0.9	0	0.0	13	9.0
9 to 11	143	15.9	11	6.3	98	17.6	5	23.8	29	20.0
H.S. Grad.	376	41.8	36	20.5	267	47.9	5	23.8	68	46.9
1 to 3 College	181	20.1	32	18.2	124	22.3	0	0.0	25	17.2
4+ College	168	18.7	96	54.5	55	9.9	10	47.6	7	4.8
Unknown	12	1.3	0	0.0	8	1.4	1	4.8	3	2.1
Balance of NC County	5,266	100.0	2,534	100.0	1,305	100.0	601	100.0	826	100.0
<9	129	2.4	22	0.9	7	0.5	10	1.7	90	10.9
9 to 11	371	7.0	130	5.1	88	6.7	16	2.7	137	16.6
H.S. Grad.	1,257	23.9	479	18.9	454	34.8	57	9.5	267	32.3
1 to 3 College	1,295	24.6	605	23.9	401	30.7	71	11.8	218	26.4
4+ College	2,191	41.6	1,294	51.1	350	26.8	444	73.9	103	12.5
Unknown	23	0.4	4	0.2	5	0.4	3	0.5	11	1.3
Sussex	2,279	100.0	1,282	100.0	400	100.0	55	100.0	542	100.0
<9	236	10.4	12	0.9	6	1.5	0	0.0	218	40.2
9 to 11	319	14.0	125	9.8	90	22.5	5	9.1	99	18.3
H.S. Grad.	600	26.3	299	23.3	162	40.5	10	18.2	129	23.8
1 to 3 College	621	27.2	424	33.1	113	28.3	17	30.9	67	12.4
4+ College	498	21.9	420	32.8	28	7.0	23	41.8	27	5.0
Unknown	5	0.2	2	0.2	1	0.3	0	0.0	2	0.4

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.
- * 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-13. FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2001-2018

ALL RACES

Area/ Age	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	2014 -2018
U.S.	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	38.2
<20	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	86.2
20-24	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	63.4
25-29	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	36.6
30+	15.5	16.1	16.9	17.8	18.6	19.4	20.1	20.7	21.2	21.6	22.1	22.4	25.3	21.8
Delaware	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	46.6
<20	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	94.4
20-24	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	76.4
25-29	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	46.5
30+	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	28.3
Kent	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	46.5
<20	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	92.4
20-24	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	67.6
25-29	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	43.0
30+	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	29.3
New Castle	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	44.7
<20	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	95.3
20-24	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	81.1
25-29	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	46.6
30+	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	26.4
Wilmington	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	69.3
<20	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	96.9
20-24	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	90.7
25-29	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	73.0
30+	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	47.9
Balance of NC County	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	40.3
<20	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	94.7
20-24	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	78.5
25-29	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	42.2
30+	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	23.5
Sussex	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	52.2
<20	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	94.2
20-24	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	75.7
25-29	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	49.7
30+	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	33.8

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, 2001-2018

NON-HISPANIC WHITE

Area/ Age	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	2014 -2018
U.S.	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	28.4
<20	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	84.6
20-24	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	55.3
25-29	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	26.6
30+	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	14.6
Delaware	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	34.8
<20	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	90.8
20-24	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	68.0
25-29	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	35.8
30+	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	19.5
Kent	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	35.6
<20	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	88.2
20-24	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	56.7
25-29	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	32.4
30+	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	21.3
New Castle	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	31.9
<20	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	91.7
20-24	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	75.1
25-29	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	35.9
30+	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	17.9
Wilmington	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	32.8
<20	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	84.8
20-24	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	86.9
25-29	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	43.2
30+	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	19.0
Balance of NC County	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	31.8
<20	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	92.3
20-24	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	74.4
25-29	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	35.4
30+	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	17.8
Sussex	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	40.7
<20	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	92.0
20-24	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	70.2
25-29	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	38.8
30+	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	22.9

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, 2001-2018

NON-HISPANIC BLACK

Area/ Age	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	2014 -2018
U.S.	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	68.9
<20	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	96.3
20-24	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	87.0
25-29	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	69.1
30+	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	47.5
Delaware	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	70.3
<20	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	98.8
20-24	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	90.7
25-29	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	71.2
30+	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	49.6
Kent	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	67.4
<20	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	97.9
20-24	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	86.0
25-29	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	66.5
30+	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	46.7
New Castle	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	70.4
<20	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	98.9
20-24	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	92.4
25-29	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	72.5
30+	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	50.2
Wilmington	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	85.9
<20	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	99.3
20-24	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	94.3
25-29	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	85.1
30+	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	74.0
Balance of NC County	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	63.7
<20	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	98.6
20-24	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	91.4
25-29	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	67.1
30+	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	43.1
Sussex	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	74.6
<20	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	99.5
20-24	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	91.3
25-29	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	72.9
30+	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	50.9

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, 2001-2018

HISPANIC ORIGIN

Area/ Age	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	2014 -2018
U.S.	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	47.6
<20	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	82.0
20-24	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	61.8
25-29	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	44.2
30+	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	33.5
Delaware	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	60.7
<20	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	93.1
20-24	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	74.7
25-29	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	58.2
30+	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	46.1
Kent	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	54.8
<20	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	89.0
20-24	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	65.6
25-29	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	51.0
30+	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	39.6
New Castle	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	59.0
<20	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	94.2
20-24	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	78.1
25-29	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	55.8
30+	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	41.7
Wilmington	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	69.1
<20	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	92.6
20-24	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	80.9
25-29	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	69.7
30+	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	51.2
Balance of NC County	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	57.0
<20	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	94.7
20-24	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	77.4
25-29	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	53.3
30+	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	40.1
Sussex	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	66.1
<20	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	92.9
20-24	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	73.1
25-29	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	66.1
30+	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	55.6

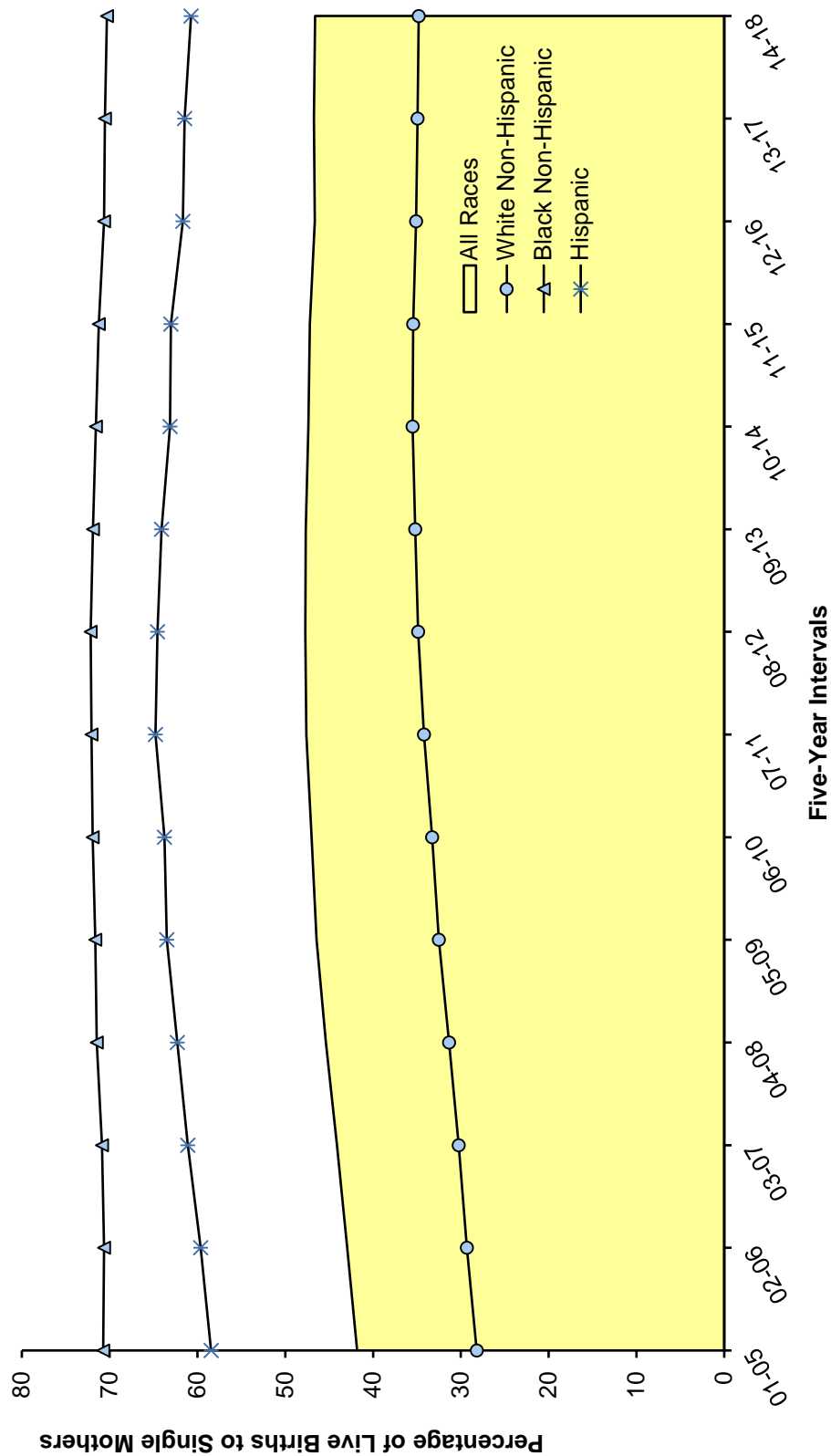
Notes:

*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-10. Five-Year Average Percentage of Births to Single Mothers by Race and Hispanic Origin*, Delaware, 2001-2018



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-17. NUMBER OF LIVE BIRTHS BY AGE, MARITAL STATUS, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2018

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	10,593	5,197	2,880	766	1,750	5,622	3,374	853	678	717	4,971	1,823	2,027	88	1,033
<15	5	0	5	0	0	0	0	0	0	0	5	0	5	0	0
15-17	121	34	55	3	29	1	1	0	0	0	120	33	55	3	29
18-19	376	126	140	9	101	26	15	2	1	8	350	111	138	8	93
20-24	1,960	762	704	59	435	438	229	64	30	115	1,522	533	640	29	320
25-29	3,110	1,557	840	206	507	1,592	957	225	191	219	1,518	600	615	15	288
30-34	3,190	1,776	670	329	415	2,262	1,414	317	312	219	928	362	353	17	196
35-39	1,514	808	374	133	199	1,075	654	188	120	113	439	154	186	13	86
40+	317	134	92	27	64	228	104	57	24	43	89	30	35	3	21
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent	2,149	1,205	618	89	237	1,144	742	213	71	118	1,005	463	405	18	119
<15	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
15-17	23	8	12	0	3	1	1	0	0	0	22	7	12	0	3
18-19	72	34	27	3	8	8	6	1	1	0	64	28	26	2	8
20-24	492	243	165	16	68	152	95	26	6	25	340	148	139	10	43
25-29	680	404	181	25	70	371	247	65	23	36	309	157	116	2	34
30-34	597	366	147	25	59	416	283	73	22	38	181	83	74	3	21
35-39	234	131	67	16	20	161	96	37	15	13	73	35	30	1	7
40+	50	19	18	4	9	35	14	11	4	6	15	5	7	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Castle	6,165	2,710	1,862	622	971	3,338	1,848	526	564	400	2,827	862	1,336	58	571
<15	3	0	3	0	0	0	0	0	0	0	3	0	3	0	0
15-17	63	14	32	2	15	0	0	0	0	0	63	14	32	2	15
18-19	202	53	88	3	58	11	4	1	0	6	191	49	87	3	52
20-24	1,003	294	439	38	232	165	69	28	22	46	838	225	411	16	186
25-29	1,738	743	533	165	297	865	457	125	153	130	873	286	408	12	167
30-34	1,960	1,015	444	285	216	1,432	830	202	275	125	528	185	242	10	91
35-39	1,002	513	259	108	122	726	428	129	96	73	276	85	130	12	49
40+	194	78	64	21	31	139	60	41	18	20	55	18	23	3	11
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilmington	899	176	557	21	145	250	118	87	11	34	649	58	470	10	111
<15	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0
15-17	21	2	18	0	1	0	0	0	0	0	21	2	18	0	1
18-19	56	2	40	0	14	1	1	0	0	0	55	1	40	0	14
20-24	217	17	149	5	46	24	4	11	1	8	193	13	138	4	38
25-29	251	45	167	2	37	56	25	23	1	7	195	20	144	1	30
30-34	205	64	106	7	28	92	48	29	5	10	113	16	77	2	18
35-39	118	37	59	6	16	60	32	16	4	8	58	5	43	2	8
40+	29	9	16	1	3	17	8	8	0	1	12	1	8	1	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,266	2,534	1,305	601	826	3,088	1,730	439	553	366	2,178	804	866	48	460
<15	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
15-17	42	12	14	2	14	0	0	0	0	0	42	12	14	2	14
18-19	146	51	48	3	44	10	3	1	0	6	136	48	47	3	38
20-24	786	277	290	33	186	141	65	17	21	38	645	212	273	12	148
25-29	1,487	698	366	163	260	809	432	102	152	123	678	266	264	11	137
30-34	1,755	951	338	278	188	1,340	782	173	270	115	415	169	165	8	73
35-39	884	476	200	102	106	666	396	113	92	65	218	80	87	10	41
40+	165	69	48	20	28	122	52	33	18	19	43	17	15	2	9
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sussex	2,279	1,282	400	55	542	1,140	784	114	43	199	1,139	498	286	12	343
<15	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
15-17	35	12	11	1	11	0	0	0	0	0	35	12	11	1	11
18-19	102	39	25	3	35	7	5	0	0	2	95	34	25	3	33
20-24	465	225	100	5	135	121	65	10	2	44	344	160	90	3	91
25-29	692	410	126	16	140	356	253	35	15	53	336	157	91	1	87
30-34	633	395	79	19	140	414	301	42	15	56	219	94	37	4	84
35-39	278	164	48	9	57	188	130	22	9	27	90	34	26	0	30
40+	73	37	10	2	24	54	30	5	2	17	19	7	5	0	7
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:
*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-18. NUMBER OF LIVE BIRTHS BY LIVE BIRTH ORDER AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2018

Area/ Birth Order	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,593	5	121	376	1,960	3,110	3,190	1,514	317	0
First	4,054	5	117	308	1,141	1,165	946	303	69	0
Second	3,430	0	4	57	562	1,066	1,160	498	83	0
Third	1,765	0	0	10	186	553	597	350	69	0
Fourth+	1,338	0	0	1	70	323	486	362	96	0
Unknown	6	0	0	0	1	3	1	1	0	0
Kent	2,149	1	23	72	492	680	597	234	50	0
First	790	1	22	59	298	236	131	32	11	0
Second	653	0	1	9	141	235	198	58	11	0
Third	372	0	0	4	37	127	128	65	11	0
Fourth+	334	0	0	0	16	82	140	79	17	0
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	6,165	3	63	202	1,003	1,738	1,960	1,002	194	0
First	2,488	3	61	168	594	723	668	227	44	0
Second	2,047	0	2	30	270	586	745	360	54	0
Third	946	0	0	3	101	274	324	206	38	0
Fourth+	680	0	0	1	37	153	223	208	58	0
Unknown	4	0	0	0	1	2	0	1	0	0
Wilmington	899	2	21	56	217	251	205	118	29	0
First	320	2	20	42	95	66	60	30	5	0
Second	248	0	1	11	71	83	52	23	7	0
Third	150	0	0	2	35	54	39	16	4	0
Fourth+	180	0	0	1	16	47	54	49	13	0
Unknown	1	0	0	0	0	1	0	0	0	0
Balance of NC County	5,266	1	42	146	786	1,487	1,755	884	165	0
First	2,168	1	41	126	499	657	608	197	39	0
Second	1,799	0	1	19	199	503	693	337	47	0
Third	796	0	0	1	66	220	285	190	34	0
Fourth+	500	0	0	0	21	106	169	159	45	0
Unknown	3	0	0	0	1	1	0	1	0	0
Sussex	2,279	1	35	102	465	692	633	278	73	0
First	776	1	34	81	249	206	147	44	14	0
Second	730	0	1	18	151	245	217	80	18	0
Third	447	0	0	3	48	152	145	79	20	0
Fourth+	324	0	0	0	17	88	123	75	21	0
Unknown	2	0	0	0	0	1	1	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, 2018

Area/ Birth Order	All Races		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,593	100.0	5,197	100.0	2,880	100.0	766	100.0	1,750	100.0
First	4,054	38.3	2,122	40.8	1,015	35.2	327	42.7	590	33.7
Second	3,430	32.4	1,802	34.7	830	28.8	306	39.9	492	28.1
Third	1,765	16.7	786	15.1	513	17.8	77	10.1	389	22.2
Fourth+	1,338	12.6	484	9.3	520	18.1	56	7.3	278	15.9
Unknown	6	0.1	3	0.1	2	0.1	0	0.0	1	0.1
Kent	2,149	100.0	1,205	100.0	618	100.0	89	100.0	237	100.0
First	790	36.8	460	38.2	209	33.8	32	36.0	89	37.6
Second	653	30.4	376	31.2	175	28.3	34	38.2	68	28.7
Third	372	17.3	196	16.3	118	19.1	11	12.4	47	19.8
Fourth+	334	15.5	173	14.4	116	18.8	12	13.5	33	13.9
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
New Castle	6,165	100.0	2,710	100.0	1,862	100.0	622	100.0	971	100.0
First	2,488	40.4	1,179	43.5	681	36.6	275	44.2	353	36.4
Second	2,047	33.2	988	36.5	538	28.9	254	40.8	267	27.5
Third	946	15.3	359	13.2	317	17.0	55	8.8	215	22.1
Fourth+	680	11.0	183	6.8	324	17.4	38	6.1	135	13.9
Unknown	4	0.1	1	0.0	2	0.1	0	0.0	1	0.1
Wilmington	899	100.0	176	100.0	557	100.0	21	100.0	145	100.0
First	320	35.6	84	47.7	176	31.6	8	38.1	52	35.9
Second	248	27.6	54	30.7	150	26.9	6	28.6	38	26.2
Third	150	16.7	24	13.6	89	16.0	1	4.8	36	24.8
Fourth+	180	20.0	14	8.0	141	25.3	6	28.6	19	13.1
Unknown	1	0.1	0	0.0	1	0.2	0	0.0	0	0.0
Balance of NC County	5,266	100.0	2,534	100.0	1,305	100.0	601	100.0	826	100.0
First	2,168	41.2	1,095	43.2	505	38.7	267	44.4	301	36.4
Second	1,799	34.2	934	36.9	388	29.7	248	41.3	229	27.7
Third	796	15.1	335	13.2	228	17.5	54	9.0	179	21.7
Fourth+	500	9.5	169	6.7	183	14.0	32	5.3	116	14.0
Unknown	3	0.1	1	0.0	1	0.1	0	0.0	1	0.1
Sussex	2,279	100.0	1,282	100.0	400	100.0	55	100.0	542	100.0
First	776	34.1	483	37.7	125	31.3	20	36.4	148	27.3
Second	730	32.0	438	34.2	117	29.3	18	32.7	157	29.0
Third	447	19.6	231	18.0	78	19.5	11	20.0	127	23.4
Fourth+	324	14.2	128	10.0	80	20.0	6	10.9	110	20.3
Unknown	2	0.1	2	0.2	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, 2018

Area/ Plurality	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,593	5	121	376	1,960	3,110	3,190	1,514	317	0
Single	10,295	5	121	373	1,906	3,019	3,103	1,457	311	0
Plural	298	0	0	3	54	91	87	57	6	0
Kent	2,149	1	23	72	492	680	597	234	50	0
Single	2,090	1	23	72	475	662	581	226	50	0
Plural	59	0	0	0	17	18	16	8	0	0
New Castle	6,165	3	63	202	1,003	1,738	1,960	1,002	194	0
Single	5,985	3	63	199	974	1,688	1,908	960	190	0
Plural	180	0	0	3	29	50	52	42	4	0
Wilmington	899	2	21	56	217	251	205	118	29	0
Single	872	2	21	55	207	245	203	110	29	0
Plural	27	0	0	1	10	6	2	8	0	0
Balance of NC County	5,266	1	42	146	786	1,487	1,755	884	165	0
Single	5,113	1	42	144	767	1,443	1,705	850	161	0
Plural	153	0	0	2	19	44	50	34	4	0
Sussex	2,279	1	35	102	465	692	633	278	73	0
Single	2,220	1	35	102	457	669	614	271	71	0
Plural	59	0	0	0	8	23	19	7	2	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, 2018

Area/ Plurality	All Races		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,593	100.0	5,197	100.0	2,880	100.0	766	100.0	1,750	100.0
Single	10,295	97.2	5,048	97.1	2,786	96.7	757	98.8	1,704	97.4
Plural	298	2.8	149	2.9	94	3.3	9	1.2	46	2.6
Kent	2,149	100.0	1,205	100.0	618	100.0	89	100.0	237	100.0
Single	2,090	97.3	1,174	97.4	600	97.1	89	100.0	227	95.8
Plural	59	2.7	31	2.6	18	2.9	0	0.0	10	4.2
New Castle	6,165	100.0	2,710	100.0	1,862	100.0	622	100.0	971	100.0
Single	5,985	97.1	2,632	97.1	1,794	96.3	613	98.6	946	97.4
Plural	180	2.9	78	2.9	68	3.7	9	1.4	25	2.6
Wilmington	899	100.0	176	100.0	557	100.0	21	100.0	145	100.0
Single	872	97.0	170	96.6	540	96.9	19	90.5	143	98.6
Plural	27	3.0	6	3.4	17	3.1	2	9.5	2	1.4
Balance of NC County	5,266	100.0	2,534	100.0	1,305	100.0	601	100.0	826	100.0
Single	5,113	97.1	2,462	97.2	1,254	96.1	594	98.8	803	97.2
Plural	153	2.9	72	2.8	51	3.9	7	1.2	23	2.8
Sussex	2,279	100.0	1,282	100.0	400	100.0	55	100.0	542	100.0
Single	2,220	97.4	1,242	96.9	392	98.0	55	100.0	531	98.0
Plural	59	2.6	40	3.1	8	2.0	0	0.0	11	2.0

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, 2018

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	666	6.3	684	6.2	18	2.0
Kent General	1,911	18.0	1,956	17.8	45	4.9
Christiana Care	5,318	50.2	6,039	55.1	721	78.9
Milford Memorial	350	3.3	352	3.2	2	0.2
Nanticoke Memorial	905	8.5	940	8.6	35	3.8
St. Francis	689	6.5	736	6.7	47	5.1
A.I.DuPont	0	0.0	0	0.0	0	0.0
Total	9,839	92.9	10,707	97.7	868	95.0
BIRTHING CENTER	127	1.2	167	1.5	40	4.4
HOME BIRTH	77	0.7	80	0.7	3	0.3
ENROUTE/OTHER	5	0.0	6	0.1	1	0.1
UNKNOWN	0	0.0	2	0.0	2	0.2
TOTAL	10,048	94.9	10,962	100.0	914	100.0
OUT-OF-STATE						
HOSPITAL						
Crozier Med. Center, PA	81	0.8	N/A		N/A	
Peninsula General, MD	150	1.4	N/A		N/A	
Riddle Memorial, PA	32	0.3	N/A		N/A	
Other Hospitals	265	2.5	N/A		N/A	
Total	528	5.0	N/A		N/A	
BIRTHING CENTER	4	0.0	N/A		N/A	
HOME BIRTH	0	0.0	N/A		N/A	
ENROUTE/OTHER	0	0.0	N/A		N/A	
UNKNOWN	13	0.1	N/A		N/A	
TOTAL	545	5.1	N/A		N/A	
TOTAL	10,593	100.0	10,962	100.0	914	100.0

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, 2001-2018

ALL RACES

Area/ Age	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	2014 -2018
U.S.	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	8.2
<20	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	9.7
20-24	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	8.5
25-29	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	7.6
30+	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	8.2
Delaware	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	8.9
<20	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	9.4
20-24	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	9.8
25-29	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	8.6
30+	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	8.7
Kent	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	9.2
<20	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	9.4
20-24	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	10.2
25-29	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	8.7
30+	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	9.0
New Castle	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	9.0
<20	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	9.4
20-24	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	9.9
25-29	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	8.9
30+	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	8.7
Wilmington	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	12.2
<20	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	9.7
20-24	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	12.4
25-29	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	12.2
30+	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	12.5
Balance of NC County	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	8.5
<20	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	9.3
20-24	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	9.3
25-29	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	8.3
30+	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	8.2
Sussex	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	8.3
<20	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	9.3
20-24	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	9.0
25-29	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	7.9
30+	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	8.1

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, 2001-2018

NON-HISPANIC WHITE

Area/ Age	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	2014 -2018
U.S.	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	7.0
<20	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	8.6
20-24	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	7.2
25-29	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	6.5
30+	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	7.0
Delaware	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	7.1
<20	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	8.2
20-24	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	7.8
25-29	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	6.7
30+	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	7.1
Kent	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	7.5
<20	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	9.5
20-24	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	7.8
25-29	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	6.8
30+	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	7.9
New Castle	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	6.8
<20	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	9.1
20-24	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	7.3
25-29	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	6.3
30+	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	6.9
Wilmington	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	7.7
<20	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	9.1
20-24	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	8.4
25-29	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	7.3
30+	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	7.7
Balance of NC County	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	6.7
<20	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	9.1
20-24	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	7.2
25-29	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	6.2
30+	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	6.8
Sussex	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	7.5
<20	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	6.0
20-24	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	8.7
25-29	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	7.3
30+	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	7.2

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, 2001-2018

NON-HISPANIC BLACK

Area/ Age	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	2014 -2018
U.S.	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	13.5
<20	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	14.1
20-24	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	13.4
25-29	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	12.9
30+	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	14.0
Delaware	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	13.3
<20	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	11.0
20-24	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	13.2
25-29	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	13.4
30+	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	13.8
Kent	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	12.7
<20	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	10.2
20-24	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	13.8
25-29	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	13.0
30+	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	12.0
New Castle	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	13.7
<20	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	10.3
20-24	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	13.5
25-29	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	13.6
30+	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	14.5
Wilmington	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	15.2
<20	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	10.6
20-24	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	14.1
25-29	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	14.6
30+	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	18.3
Balance of NC County	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	13.1
<20	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	10.0
20-24	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	13.1
25-29	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	13.2
30+	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	13.4
Sussex	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	12.5
<20	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	14.2
20-24	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	11.5
25-29	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	12.7
30+	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	12.8

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, 2001-2018

HISPANIC ORIGIN*

Area/ Age	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	2014 -2018
U.S.	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	7.3
<20	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	8.2
20-24	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	6.9
25-29	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	6.6
30+	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	7.8
Delaware	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	7.4
<20	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	8.6
20-24	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	7.5
25-29	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	7.7
30+	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	6.9
Kent	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	9.1
<20	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	6.1
20-24	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	10.0
25-29	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	10.1
30+	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	8.0
New Castle	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	7.2
<20	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	8.2
20-24	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	6.9
25-29	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	8.0
30+	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	6.7
Wilmington	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	8.1
<20	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	7.4
20-24	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	7.7
25-29	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	8.1
30+	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	8.6
Balance of NC County	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	7.1
<20	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	8.5
20-24	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	6.7
25-29	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	8.0
30+	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	6.3
Sussex	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	7.0
<20	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	9.9
20-24	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	7.3
25-29	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	5.8
30+	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	7.1

Notes:

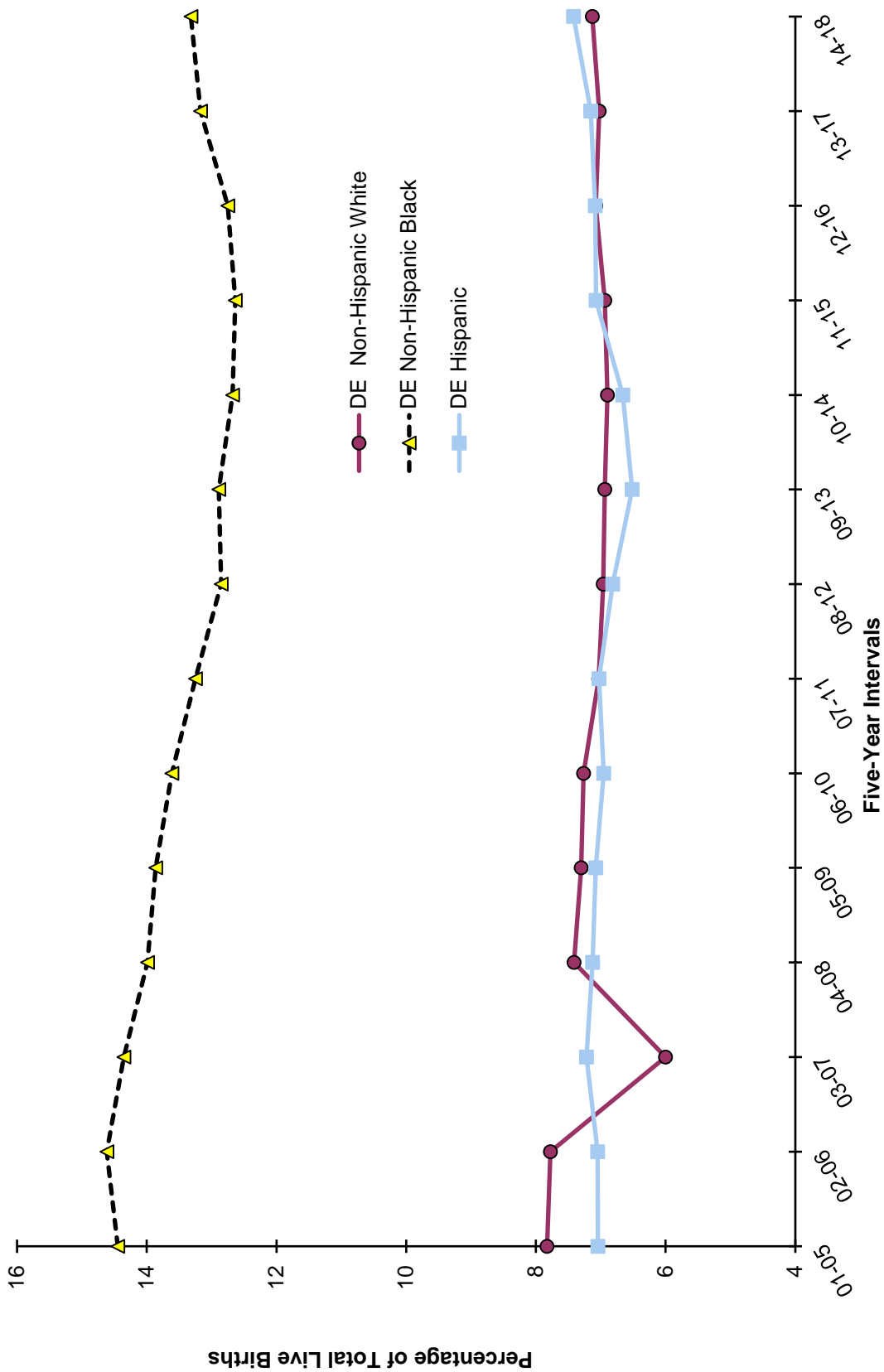
*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

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

Sources: National Center for Health Statistics

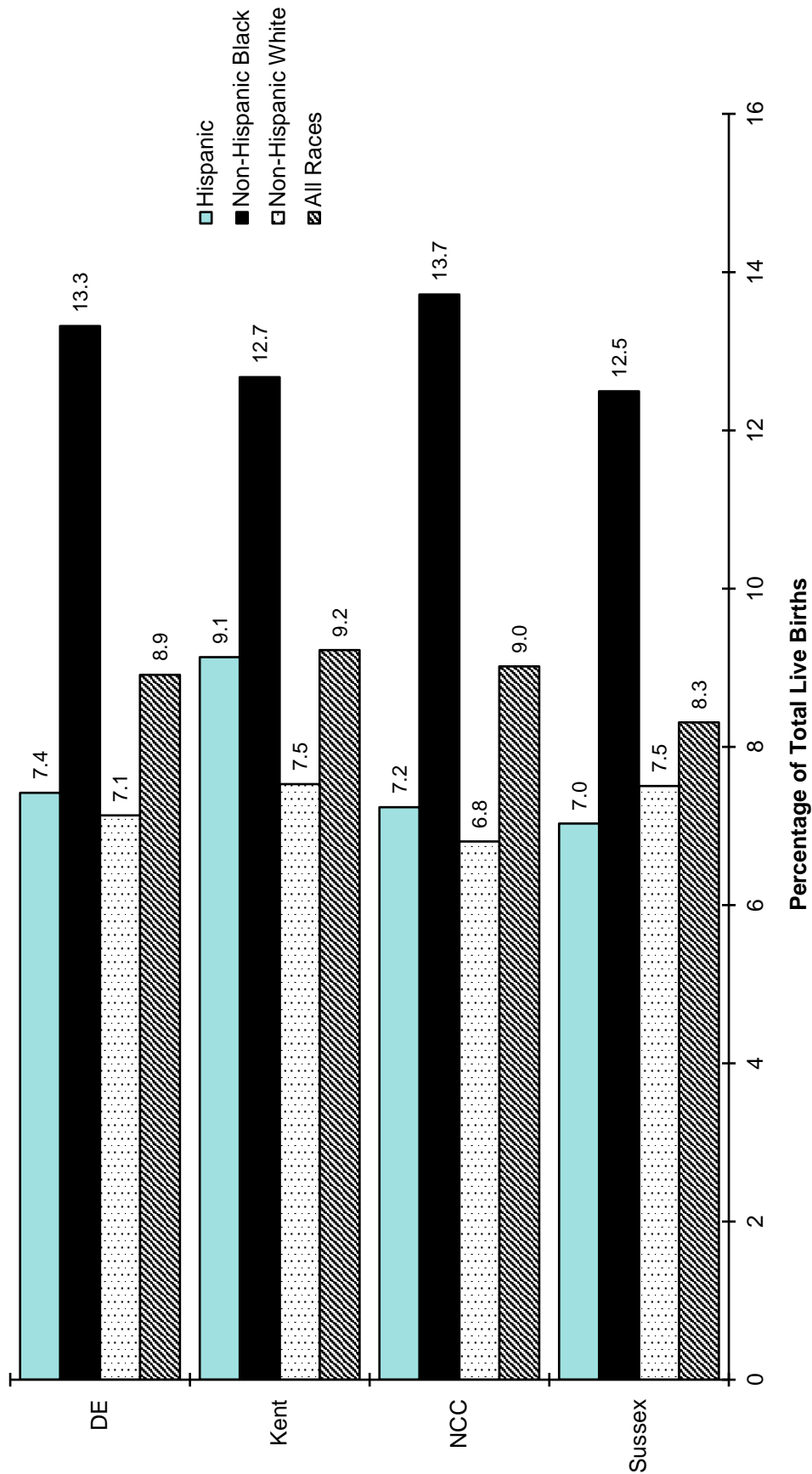
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-11 Five-Year Average Percentage of Low Birthweight Births (<2500 Grams), by Race and Hispanic Origin*, Delaware, 2001-2018



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, 2014-2018



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, 2001-2018

ALL RACES

Area/ Age	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	2014 -2018
U.S.	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	1.4
<20	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	1.7
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	1.3	1.4
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	1.4	1.6	1.4
Delaware	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	1.7
<20	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	1.5
20-24	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	1.8
25-29	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	1.8
30+	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	1.6
Kent	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	1.7
<20	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	1.8
20-24	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	1.9
25-29	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	1.7
30+	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	1.5
New Castle	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	1.9
<20	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	1.4
20-24	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	2.0
25-29	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	2.1
30+	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	1.8
Wilmington	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	2.9
<20	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	1.7
20-24	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	3.0
25-29	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	3.6
30+	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	2.7
Balance of NC County	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	1.7
<20	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	1.3
20-24	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	1.8
25-29	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	1.8
30+	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	1.6
Sussex	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	1.3
<20	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	1.4
20-24	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	1.5
25-29	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	1.3
30+	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	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, 2001-2018

NON-HISPANIC WHITE

Area/ Age	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	2014 -2018
U.S.	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	1.1
<20	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	1.5
20-24	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	1.1
25-29	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	1.0
30+	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	1.1
Delaware	1.4	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.1
<20	1.9	2.1	2.0	2.0	2.1	1.6	1.4	1.5	1.3	1.2	1.1	1.2	1.1	1.6
20-24	1.3	1.4	1.3	1.5	1.5	1.4	1.3	1.3	1.1	1.1	1.2	1.3	1.3	1.3
25-29	1.3	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.0
30+	1.5	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.1
Kent	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	1.1
<20	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	1.1
20-24	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	1.3
25-29	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	1.1
30+	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	1.1
New Castle	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	1.2
<20	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	2.3
20-24	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	1.2
25-29	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	1.1
30+	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	1.2
Wilmington	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	1.9
<20	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	6.1
20-24	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	1.9
25-29	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	1.8
30+	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	1.7
Balance of NC County	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	1.1
<20	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	1.9
20-24	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	1.2
25-29	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	1.0
30+	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	1.2
Sussex	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	1.0
<20	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	1.0
20-24	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	1.3
25-29	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	0.9
30+	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	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, 2001-2018

NON-HISPANIC BLACK

Area/ Age	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	2014 -2018
U.S.	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	2.9
<20	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	2.7
20-24	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	2.6
25-29	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	2.7
30+	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	3.3
Delaware	3.5	3.6	3.6	3.5	3.6	3.4	3.4	3.3	3.3	3.2	3.2	3.0	3.1	3.1
<20	3.1	3.2	3.3	3.5	4.0	3.8	3.5	3.4	3.3	2.9	2.7	1.9	2.1	1.6
20-24	3.3	3.2	3.3	3.2	3.1	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9
25-29	3.5	3.5	3.4	3.4	3.2	3.3	3.3	3.3	3.1	3.2	3.2	3.1	3.1	3.4
30+	4.2	4.4	4.2	4.0	4.3	4.2	4.1	3.7	3.8	3.6	3.5	3.4	3.6	3.3
Kent	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	3.0
<20	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	2.5
20-24	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	3.0
25-29	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	3.3
30+	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	2.7
New Castle	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	3.2
<20	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	1.4
20-24	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	2.9
25-29	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	3.6
30+	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	3.5
Wilmington	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	3.8
<20	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	1.3
20-24	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	3.7
25-29	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	4.7
30+	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	3.8
Balance of NC County	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	3.0
<20	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	1.4
20-24	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	2.4
25-29	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	3.1
30+	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	3.5
Sussex	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	2.7
<20	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	1.5
20-24	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	2.9
25-29	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	2.5
30+	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	3.0

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-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, 2001-2018

HISPANIC ORIGIN*

Area/ Age	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	2014 -2018
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	1.1	1.1	1.1	1.1	1.1
25-29	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	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	1.2	1.1	1.2	1.1	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.5
<20	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	1.4
20-24	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	1.2
25-29	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	1.9
30+	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	1.4
Kent	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	1.4
<20	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	2.4
20-24	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	0.9
25-29	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	1.7
30+	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	1.2
New Castle	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	1.6
<20	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	0.8
20-24	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	1.8
25-29	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	2.3
30+	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	1.3
Wilmington	1.1	1.6	1.5	1.7	1.9	2.1	1.6	2.2	1.9	1.8	1.5	2.1	1.6	1.7
<20	1.3	1.2	0.9	1.9	1.5	1.7	1.2	2.8	1.5	1.7	1.9	3.3	1.1	1.2
20-24	1.1	1.5	1.7	1.5	1.6	1.7	1.3	1.2	1.7	1.3	1.0	1.9	1.9	1.4
25-29	1.1	2.2	1.8	1.7	2.1	2.5	1.2	1.7	1.3	0.9	1.0	1.5	1.0	1.5
30+	1.0	1.4	1.3	1.8	2.7	2.8	2.9	3.9	3.3	3.2	2.3	2.2	2.0	2.3
Balance of NC County	1.7	1.4	1.3	1.2	1.3	1.1	1.5	1.5	1.6	1.6	1.8	1.5	1.6	1.6
<20	2.8	2.0	1.9	1.3	1.4	1.1	1.9	2.0	2.3	1.7	1.8	0.7	1.0	0.7
20-24	1.0	0.8	0.8	0.8	0.9	0.6	0.8	0.7	0.6	0.8	1.1	1.4	1.5	1.9
25-29	1.2	0.8	0.9	0.9	1.0	1.0	1.7	1.7	1.7	2.3	2.4	2.0	2.2	2.4
30+	2.5	2.6	2.1	1.9	1.9	1.7	1.8	1.9	2.0	1.6	1.7	1.3	1.2	1.1
Sussex	0.8	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.0	1.1	1.3
<20	0.7	0.3	0.6	0.3	0.5	0.5	0.6	0.7	0.9	1.5	2.0	2.7	2.0	2.0
20-24	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	0.3
25-29	1.5	1.5	1.0	0.9	0.6	0.5	0.2	0.1	0.3	0.5	0.7	0.7	1.0	1.4
30+	0.4	0.8	0.9	0.9	1.0	1.0	1.1	1.3	1.0	1.0	1.4	1.3	1.3	1.5

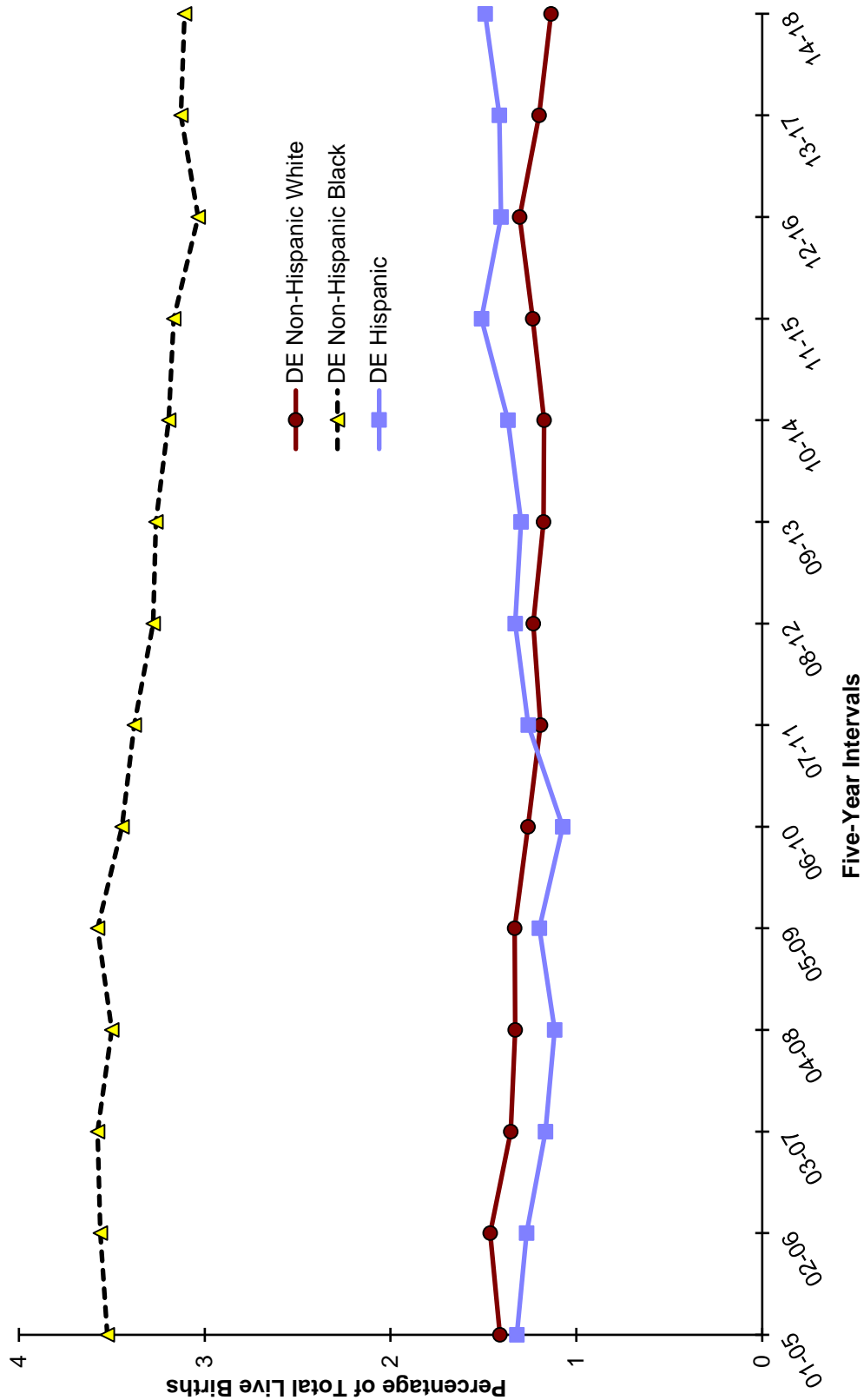
Notes:

*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

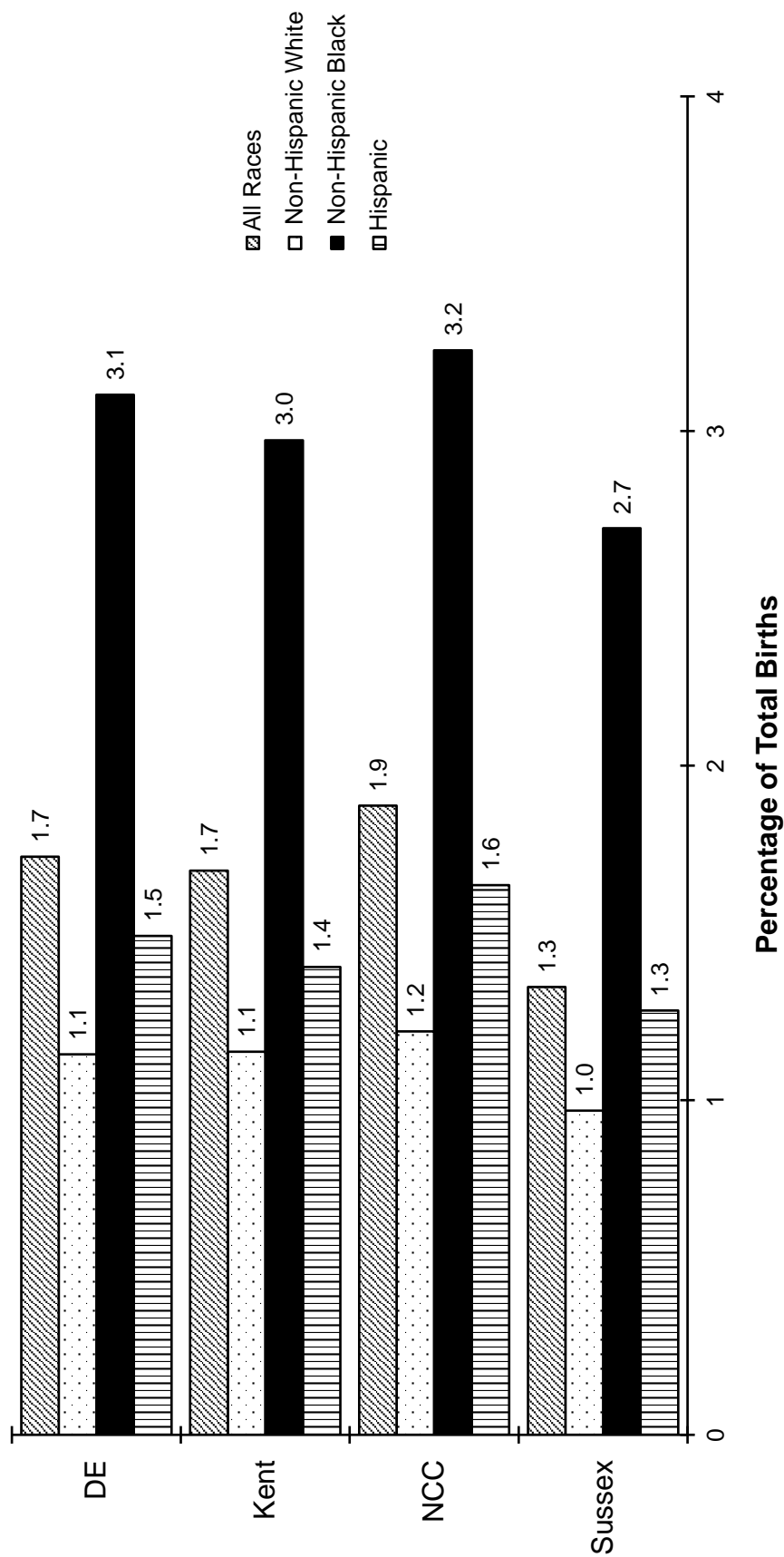
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-13. Five-Year Average Percentage of Very Low Birthweight Births (<1500 Grams), by Race and Hispanic Origin*, Delaware and Counties, 2001-2018



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, 2014-2018



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, 2018

Area/ Birthweight	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,593	5	121	376	1,960	3,110	3,190	1,514	317	0
<2500	947	0	14	41	212	281	226	139	34	0
<1500	162	0	2	5	36	54	29	29	7	0
<500	14	0	0	0	2	4	4	2	2	0
500-749	31	0	1	1	8	13	3	4	1	0
750-999	35	0	0	2	8	10	9	5	1	0
1000-1499	82	0	1	2	18	27	13	18	3	0
1500-1999	205	0	1	7	53	59	49	29	7	0
2000-2499	580	0	11	29	123	168	148	81	20	0
2500+	9,641	5	107	334	1,747	2,829	2,962	1,374	283	0
Unknown	5	0	0	1	1	0	2	1	0	0
Kent	2,149	1	23	72	492	680	597	234	50	0
<2500	193	0	0	6	62	53	44	20	8	0
<1500	31	0	0	1	11	8	4	7	0	0
<500	1	0	0	0	0	0	0	1	0	0
500-749	12	0	0	0	4	4	2	2	0	0
750-999	3	0	0	1	1	0	1	0	0	0
1000-1499	15	0	0	0	6	4	1	4	0	0
1500-1999	50	0	0	1	20	11	12	3	3	0
2000-2499	112	0	0	4	31	34	28	10	5	0
2500+	1,955	1	23	66	430	627	552	214	42	0
Unknown	1	0	0	0	0	0	1	0	0	0
New Castle	6,165	3	63	202	1,003	1,738	1,960	1,002	194	0
<2500	565	0	10	24	105	170	145	92	19	0
<1500	106	0	2	4	21	37	23	14	5	0
<500	11	0	0	0	2	4	4	0	1	0
500-749	15	0	1	1	4	6	1	1	1	0
750-999	26	0	0	1	6	9	6	3	1	0
1000-1499	54	0	1	2	9	18	12	10	2	0
1500-1999	115	0	0	5	25	33	27	22	3	0
2000-2499	344	0	8	15	59	100	95	56	11	0
2500+	5,598	3	53	177	898	1,568	1,814	910	175	0
Unknown	2	0	0	1	0	0	1	0	0	0
Wilmington	899	2	21	56	217	251	205	118	29	0
<2500	121	0	4	8	27	32	23	24	3	0
<1500	29	0	0	1	6	12	2	7	1	0
<500	2	0	0	0	0	2	0	0	0	0
500-749	4	0	0	0	1	2	0	1	0	0
750-999	4	0	0	0	2	2	0	0	0	0
1000-1499	19	0	0	1	3	6	2	6	1	0
1500-1999	20	0	0	1	5	6	5	3	0	0
2000-2499	72	0	4	6	16	14	16	14	2	0
2500+	777	2	17	47	190	219	182	94	26	0
Unknown	1	0	0	1	0	0	0	0	0	0
Balance of NC County	5,266	1	42	146	786	1,487	1,755	884	165	0
<2500	444	0	6	16	78	138	122	68	16	0
<1500	77	0	2	3	15	25	21	7	4	0
<500	9	0	0	0	2	2	4	0	1	0
500-749	11	0	1	1	3	4	1	0	1	0
750-999	22	0	0	1	4	7	6	3	1	0
1000-1499	35	0	1	1	6	12	10	4	1	0
1500-1999	95	0	0	4	20	27	22	19	3	0
2000-2499	272	0	4	9	43	86	79	42	9	0
2500+	4,821	1	36	130	708	1,349	1,632	816	149	0
Unknown	1	0	0	0	0	0	1	0	0	0
Sussex	2,279	1	35	102	465	692	633	278	73	0
<2500	189	0	4	11	45	58	37	27	7	0
<1500	25	0	0	0	4	9	2	8	2	0
<500	2	0	0	0	0	0	0	1	1	0
500-749	4	0	0	0	0	3	0	1	0	0
750-999	6	0	0	0	1	1	2	2	0	0
1000-1499	13	0	0	0	3	5	0	4	1	0
1500-1999	40	0	1	1	8	15	10	4	1	0
2000-2499	124	0	3	10	33	34	25	15	4	0
2500+	2,088	1	31	91	419	634	596	250	66	0
Unknown	2	0	0	0	1	0	0	1	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, 2018

Area/ Birthweight	Race				Hispanic
	All Races	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other	
Delaware	10,593	5,197	2,880	766	1,750
<2500	947	380	390	51	126
<1500	162	43	91	4	24
<500	14	5	5	1	3
500-749	31	9	19	0	3
750-999	35	5	21	2	7
1000-1499	82	24	46	1	11
1500-1999	205	84	85	7	29
2000-2499	580	253	214	40	73
2500+	9,641	4,815	2,487	715	1,624
Unknown	5	2	3	0	0
Kent	2,149	1,205	618	89	237
<2500	193	91	79	5	18
<1500	31	13	18	0	0
<500	1	0	1	0	0
500-749	12	5	7	0	0
750-999	3	0	3	0	0
1000-1499	15	8	7	0	0
1500-1999	50	21	20	2	7
2000-2499	112	57	41	3	11
2500+	1,955	1,113	539	84	219
Unknown	1	1	0	0	0
New Castle	6,165	2,710	1,862	622	971
<2500	565	188	262	42	73
<1500	106	21	65	4	16
<500	11	3	4	1	3
500-749	15	3	10	0	2
750-999	26	4	16	2	4
1000-1499	54	11	35	1	7
1500-1999	115	39	57	4	15
2000-2499	344	128	140	34	42
2500+	5,598	2,522	1,598	580	898
Unknown	2	0	2	0	0
Wilmington	899	176	557	21	145
<2500	121	14	91	4	12
<1500	29	0	26	1	2
<500	2	0	1	0	1
500-749	4	0	4	0	0
750-999	4	0	4	0	0
1000-1499	19	0	17	1	1
1500-1999	20	3	14	1	2
2000-2499	72	11	51	2	8
2500+	777	162	465	17	133
Unknown	1	0	1	0	0
Balance of NC County	5,266	2,534	1,305	601	826
<2500	444	174	171	38	61
<1500	77	21	39	3	14
<500	9	3	3	1	2
500-749	11	3	6	0	2
750-999	22	4	12	2	4
1000-1499	35	11	18	0	6
1500-1999	95	36	43	3	13
2000-2499	272	117	89	32	34
2500+	4,821	2,360	1,133	563	765
Unknown	1	0	1	0	0
Sussex	2,279	1,282	400	55	542
<2500	189	101	49	4	35
<1500	25	9	8	0	8
<500	2	2	0	0	0
500-749	4	1	2	0	1
750-999	6	1	2	0	3
1000-1499	13	5	4	0	4
1500-1999	40	24	8	1	7
2000-2499	124	68	33	3	20
2500+	2,088	1,180	350	51	507
Unknown	2	1	1	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, 2018

Race-Origin/ Weeks	Age							
	Total	<20	20-24	25-29	30-34	35-39	40+	Unknown
All Races	10,593	502	1,960	3,110	3,190	1,514	317	0
<20 Weeks	6	1	1	2	0	2	0	0
20-27 Weeks	76	4	24	21	14	9	4	0
28-31 Weeks	92	5	21	33	18	11	4	0
32-35 Weeks	459	18	94	136	109	84	18	0
36 Weeks	381	16	76	101	99	69	20	0
37-39 Weeks	6,674	278	1,169	1,929	2,040	1,023	235	0
40 Weeks	2,213	128	438	690	679	246	32	0
41 Weeks	675	50	135	196	226	64	4	0
42+ Weeks	17	2	2	2	5	6	0	0
Unknown	0	0	0	0	0	0	0	0
Non-Hispanic White	5,197	160	762	1,557	1,776	808	134	0
<20 Weeks	1	0	0	0	0	1	0	0
20-27 Weeks	19	3	2	6	4	1	3	0
28-31 Weeks	26	1	12	4	6	3	0	0
32-35 Weeks	216	6	34	67	59	45	5	0
36 Weeks	194	7	36	54	53	33	11	0
37-39 Weeks	3,179	79	427	943	1,094	536	100	0
40 Weeks	1,154	46	189	368	404	133	14	0
41 Weeks	397	18	60	114	153	51	1	0
42+ Weeks	11	0	2	1	3	5	0	0
Unknown	0	0	0	0	0	0	0	0
Non-Hispanic Black	2,880	200	704	840	670	374	92	0
<20 Weeks	3	1	0	1	0	1	0	0
20-27 Weeks	43	1	19	10	6	6	1	0
28-31 Weeks	46	3	8	18	9	8	0	0
32-35 Weeks	166	10	37	51	38	23	7	0
36 Weeks	111	7	25	27	24	22	6	0
37-39 Weeks	1,863	113	437	536	456	252	69	0
40 Weeks	516	48	138	161	105	56	8	0
41 Weeks	130	17	40	35	31	6	1	0
42+ Weeks	2	0	0	1	1	0	0	0
Unknown	0	0	0	0	0	0	0	0
Non-Hispanic Other	766	12	59	206	329	133	27	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	3	0	0	0	3	0	0	0
28-31 Weeks	2	0	0	1	0	0	1	0
32-35 Weeks	21	0	4	6	5	6	0	0
36 Weeks	20	0	2	3	7	7	1	0
37-39 Weeks	511	7	39	133	219	93	20	0
40 Weeks	164	2	11	47	76	24	4	0
41 Weeks	45	3	3	16	19	3	1	0
42+ Weeks	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Hispanic Origin*	1,750	130	435	507	415	199	64	0
<20 Weeks	2	0	1	1	0	0	0	0
20-27 Weeks	11	0	3	5	1	2	0	0
28-31 Weeks	18	1	1	10	3	0	3	0
32-35 Weeks	56	2	19	12	7	10	6	0
36 Weeks	56	2	13	17	15	7	2	0
37-39 Weeks	1,121	79	266	317	271	142	46	0
40 Weeks	379	32	100	114	94	33	6	0
41 Weeks	103	12	32	31	23	4	1	0
42+ Weeks	4	2	0	0	1	1	0	0
Unknown	0	0	0	0	0	0	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, 2018

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	10,593	82	92	459	381	6,674	2,213	675	17	0
<500	14	14	0	0	0	0	0	0	0	0
500-999	66	55	9	1	0	1	0	0	0	0
1000-1499	82	11	46	23	0	1	1	0	0	0
1500-1999	205	0	31	136	17	20	1	0	0	0
2000-2499	580	0	4	178	101	280	13	4	0	0
2500-2999	1,964	0	0	107	154	1,479	184	39	1	0
3000-3499	4,064	0	0	11	89	2,835	911	216	2	0
3500-3999	2,775	0	2	2	17	1,607	850	286	11	0
4000-4499	725	0	0	0	1	392	220	110	2	0
4500+	113	0	0	0	2	58	32	20	1	0
Unknown	5	2	0	1	0	1	1	0	0	0
Non-Hispanic White	5,197	20	26	216	194	3,179	1,154	397	11	0
<500	5	5	0	0	0	0	0	0	0	0
500-999	14	13	1	0	0	0	0	0	0	0
1000-1499	24	2	11	11	0	0	0	0	0	0
1500-1999	84	0	11	54	6	13	0	0	0	0
2000-2499	253	0	2	94	47	101	8	1	0	0
2500-2999	792	0	0	52	77	573	74	15	1	0
3000-3499	1,857	0	0	4	52	1,258	424	118	1	0
3500-3999	1,612	0	1	1	11	947	475	170	7	0
4000-4499	477	0	0	0	0	250	149	77	1	0
4500+	77	0	0	0	1	36	23	16	1	0
Unknown	2	0	0	0	0	1	1	0	0	0
Non-Hispanic Black	2,880	46	46	166	111	1,863	516	130	2	0
<500	5	5	0	0	0	0	0	0	0	0
500-999	40	31	7	1	0	1	0	0	0	0
1000-1499	46	8	26	10	0	1	1	0	0	0
1500-1999	85	0	11	66	5	3	0	0	0	0
2000-2499	214	0	2	53	38	115	4	2	0	0
2500-2999	682	0	0	31	46	522	66	17	0	0
3000-3499	1,155	0	0	3	19	839	246	48	0	0
3500-3999	520	0	0	1	2	300	166	49	2	0
4000-4499	113	0	0	0	0	71	29	13	0	0
4500+	17	0	0	0	1	11	4	1	0	0
Unknown	3	2	0	1	0	0	0	0	0	0
Non-Hispanic Other	766	3	2	21	20	511	164	45	0	0
<500	1	1	0	0	0	0	0	0	0	0
500-999	2	2	0	0	0	0	0	0	0	0
1000-1499	1	0	1	0	0	0	0	0	0	0
1500-1999	7	0	1	3	3	0	0	0	0	0
2000-2499	40	0	0	14	3	22	1	0	0	0
2500-2999	178	0	0	3	8	147	17	3	0	0
3000-3499	303	0	0	1	5	217	65	15	0	0
3500-3999	196	0	0	0	1	111	66	18	0	0
4000-4499	34	0	0	0	0	13	13	8	0	0
4500+	4	0	0	0	0	1	2	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
Hispanic Origin*	1,750	13	18	56	56	1,121	379	103	4	0
<500	3	3	0	0	0	0	0	0	0	0
500-999	10	9	1	0	0	0	0	0	0	0
1000-1499	11	1	8	2	0	0	0	0	0	0
1500-1999	29	0	8	13	3	4	1	0	0	0
2000-2499	73	0	0	17	13	42	0	1	0	0
2500-2999	312	0	0	21	23	237	27	4	0	0
3000-3499	749	0	0	3	13	521	176	35	1	0
3500-3999	447	0	1	0	3	249	143	49	2	0
4000-4499	101	0	0	0	1	58	29	12	1	0
4500+	15	0	0	0	0	10	3	2	0	0
Unknown	0	0	0	0	0	0	0	0	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-35. NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, AGE OF MOTHER, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2018

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	10,593	100.0	4,706	44.4	5,340	50.4	231	2.2	9	0.1	297	2.8	10	0.1
<20	502	100.0	364	72.5	110	21.9	14	2.8	0	0.0	12	2.4	2	0.4
20-24	1,960	100.0	1,265	64.5	591	30.2	42	2.1	3	0.2	57	2.9	2	0.1
25-29	3,110	100.0	1,498	48.2	1,441	46.3	67	2.2	4	0.1	98	3.2	2	0.1
30-34	3,190	100.0	1,015	31.8	2,021	63.4	59	1.8	1	0.0	92	2.9	2	0.1
35+	1,831	100.0	564	30.8	1,177	64.3	49	2.7	1	0.1	38	2.1	2	0.1
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
White Non-Hispa	5,197	100.0	1,554	29.9	3,344	64.3	132	2.5399	1	0.0	166	3.2	0	0.0
<20	160	100.0	98	61.3	54	33.8	2	1.3	0	0.0	6	3.8	0	0.0
20-24	762	100.0	398	52.2	308	40.4	27	3.5	0	0.0	29	3.8	0	0.0
25-29	1,557	100.0	549	35.3	903	58.0	42	2.7	0	0.0	63	4.0	0	0.0
30-34	1,776	100.0	355	20.0	1,330	74.9	35	2.0	1	0.1	55	3.1	0	0.0
35+	942	100.0	154	16.3	749	79.5	26	2.8	0	0.0	13	1.4	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Black Non-Hispa	2,880	100.0	1,745	60.6	1,033	35.9	48	1.7	6	0.2	43	1.5	5	0.2
<20	200	100.0	151	75.5	40	20.0	5	2.5	0	0.0	2	1.0	2	1.0
20-24	704	100.0	495	70.3	187	26.6	11	1.6	3	0.4	7	1.0	1	0.1
25-29	840	100.0	548	65.2	265	31.5	12	1.4	2	0.2	12	1.4	1	0.1
30-34	670	100.0	345	51.5	304	45.4	9	1.3	0	0.0	12	1.8	0	0.0
35+	466	100.0	206	44.2	237	50.9	11	2.4	1	0.2	10	2.1	1	0.2
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Other/Unk Non-H	766	100.0	199	26.0	529	69.1	10	1.3	0	0.0	26	3.4	2	0.3
<20	12	100.0	9	75.0	3	25.0	0	0.0	0	0.0	0	0.0	0	0.0
20-24	59	100.0	37	62.7	17	28.8	0	0.0	0	0.0	5	8.5	0	0.0
25-29	206	100.0	55	26.7	140	68.0	3	1.5	0	0.0	7	3.4	1	0.5
30-34	329	100.0	60	18.2	260	79.0	2	0.6	0	0.0	6	1.8	1	0.3
35+	160	100.0	38	23.8	109	68.1	5	3.1	0	0.0	8	5.0	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Hispanic Origin*	1,750	100.0	1,208	69.0	434	24.8	41	2.3	2	0.1	62	3.5	3	0.2
<20	130	100.0	106	81.5	13	10.0	7	5.4	0	0.0	4	3.1	0	0.0
20-24	435	100.0	335	77.0	79	18.2	4	0.9	0	0.0	16	3.7	1	0.2
25-29	507	100.0	346	68.2	133	26.2	10	2.0	2	0.4	16	3.2	0	0.0
30-34	415	100.0	255	61.4	127	30.6	13	3.1	0	0.0	19	4.6	1	0.2
35+	263	100.0	166	63.1	82	31.2	7	2.7	0	0.0	7	2.7	1	0.4
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, 2018

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	10,593	100.0	4,706	44.4	5,340	50.4	231	2.2	9	0.1	297	2.8	10	0.1
Married	5,622	100.0	1,282	22.8	3,936	70.0	152	2.7	3	0.1	245	4.4	4	0.1
Single	4,971	100.0	3,424	68.9	1,404	28.2	79	1.6	6	0.1	52	1.0	6	0.1
Non-Hispanic White	5,197	100.0	1,554	29.9	3,344	64.3	132	2.5	1	0.0	166	3.2	0	0.0
Married	3,374	100.0	419	12.4	2,690	79.7	111	3.3	1	0.0	153	4.5	0	0.0
Single	1,823	100.0	1,135	62.3	654	35.9	21	1.2	0	0.0	13	0.7	0	0.0
Non-Hispanic Black	2,880	100.0	1,745	60.6	1,033	35.9	48	1.7	6	0.2	43	1.5	5	0.2
Married	853	100.0	324	38.0	478	56.0	17	2.0	1	0.1	32	3.8	1	0.1
Single	2,027	100.0	1,421	70.1	555	27.4	31	1.5	5	0.2	11	0.5	4	0.2
Non-Hispanic Other	766	100.0	199	26.0	529	69.1	10	1.3	0	0.0	26	3.4	2	0.3
Married	678	100.0	141	20.8	504	74.3	8	1.2	0	0.0	23	3.4	2	0.3
Single	88	100.0	58	65.9	25	28.4	2	2.3	0	0.0	3	3.4	0	0.0
Hispanic Origin*	1,750	100.0	1,208	69.0	434	24.8	41	2.3	2	0.1	62	3.5	3	0.2
Married	717	100.0	398	55.5	264	36.8	16	2.2	1	0.1	37	5.2	1	0.1
Single	1,033	100.0	810	78.4	170	16.5	25	2.4	1	0.1	25	2.4	2	0.2

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, 2018

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	10,593	100.0	4,706	100.0	5,340	100.0	231	100.0	9	100.0	297	100.0	10	100.0
Vaginal	7,272	68.6	3,272	69.5	3,575	66.9	189	81.8	4	44.4	224	75.4	8	80.0
C-section	3,317	31.3	1,431	30.4	1,764	33.0	42	18.2	5	55.6	73	24.6	2	20.0
Unknown	4	0.0	3	0.1	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Non-Hispanic White	5,197	100.0	1,554	100.0	3,344	100.0	132	100.0	1	100.0	166	100.0	0	...
Vaginal	3,601	69.3	1,067	68.7	2,291	68.5	116	87.9	0	0.0	127	76.5	0	...
C-section	1,595	30.7	487	31.3	1,052	31.5	16	12.1	1	100.0	39	23.5	0	...
Unknown	1	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	...
Non-Hispanic Black	2,880	100.0	1,745	100.0	1,033	100.0	48	100.0	6	100.0	43	100.0	5	100.0
Vaginal	1,920	66.7	1,199	68.7	652	63.1	36	75.0	3	50.0	26	60.5	4	80.0
C-section	958	33.3	544	31.2	381	36.9	12	25.0	3	50.0	17	39.5	1	20.0
Unknown	2	0.1	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unk Non-Hi	766	100.0	199	100.0	529	100.0	10	100.0	0	...	26	100.0	2	100.0
Vaginal	502	65.5	136	68.3	339	64.1	8	80.0	0	...	18	69.2	1	50.0
C-section	263	34.3	62	31.2	190	35.9	2	20.0	0	...	8	30.8	1	50.0
Unknown	1	0.1	1	0.5	0	0.0	0	0.0	0	...	0	0.0	0	0.0
Hispanic Origin*	1,750	100.0	1,208	100.0	434	100.0	41	100.0	2	100.0	62	100.0	3	100.0
Vaginal	1,249	71.4	870	72.0	293	67.5	29	70.7	1	50.0	53	85.5	3	100.0
C-section	501	28.6	338	28.0	141	32.5	12	29.3	1	50.0	9	14.5	0	0.0
Unknown	0	0.0	0	0.0	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 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, 2018

Method of Delivery	Number
Total	10,593
Vaginal	7,272
C-Section	3,317
Primary C-Section	1,781
Repeat C-Section	1,536
Unknown	4

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, 2018

Birth weight	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,593	100.0	7,272	68.6	3,317	31.3	4	0.0
<2500	947	100.0	507	53.5	439	46.4	1	0.1
<1500	162	100.0	72	44.4	89	54.9	1	0.6
1500-2499	785	100.0	435	55.4	350	44.6	0	0.0
2500+	9,641	100.0	6,762	70.1	2,876	29.8	3	0.0
Unknown	5	100.0	3	60.0	2	40.0	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 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, 2018

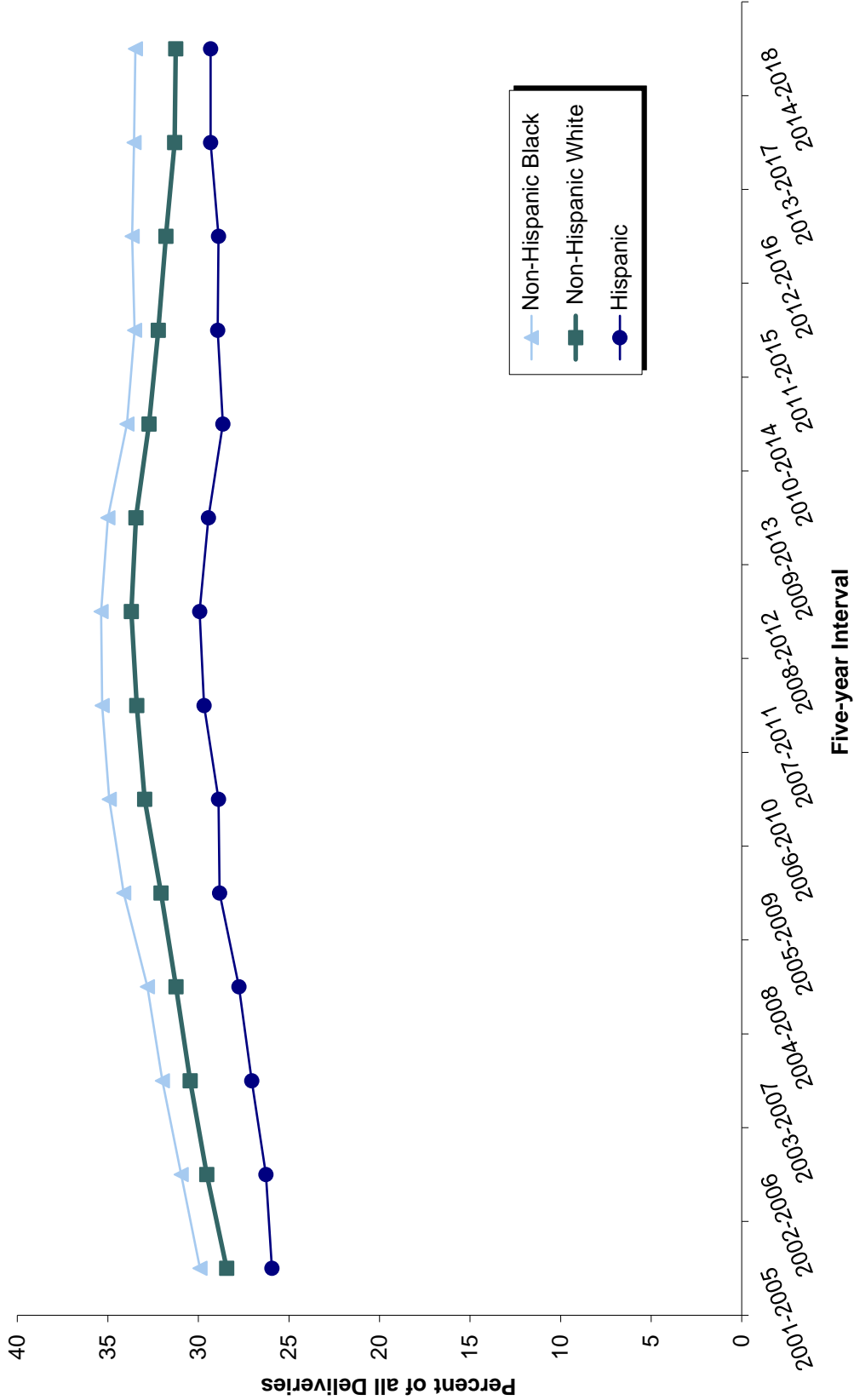
Age	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,593	100.0	7,272	68.6	3,317	31.3	4	0.0
<20	502	100.0	420	83.7	82	16.3	0	0.0
20-24	1,960	100.0	1,490	76.0	469	23.9	1	0.1
25-29	3,110	100.0	2,210	71.1	898	28.9	2	0.1
30-34	3,190	100.0	2,120	66.5	1,069	33.5	1	0.0
35+	1,831	100.0	1,032	56.4	799	43.6	0	0.0
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, 2001-2018



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, 2018

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	10,593	100.0	5,197	100.0	2,880	100.0	766	100.0	1,750	100.0
Yes	910	8.6	606	11.7	223	7.7	16	2.1	65	3.7
No	9,662	91.2	4,583	88.2	2,649	92.0	750	97.9	1,680	96.0
Unknown	21	0.2	8	0.2	8	0.3	0	0.0	5	0.3
Kent	2,149	100.0	1,205	100.0	618	100.0	89	100.0	237	100.0
Yes	240	11.2	163	13.5	56	9.1	5	5.6	16	6.8
No	1,904	88.6	1,040	86.3	560	90.6	84	94.4	220	92.8
Unknown	5	0.2	2	0.2	2	0.3	0	0.0	1	0.4
New Castle	6,165	100.0	2,710	100.0	1,862	100.0	622	100.0	971	100.0
Yes	417	6.8	248	9.2	121	6.5	8	1.3	40	4.1
No	5,737	93.1	2,459	90.7	1,736	93.2	614	98.7	928	95.6
Unknown	11	0.2	3	0.1	5	0.3	0	0.0	3	0.3
Wilmington	899	100.0	176	100.0	557	100.0	21	100.0	145	100.0
Yes	95	10.6	19	10.8	61	11.0	2	9.5	13	9.0
No	802	89.2	157	89.2	494	88.7	19	90.5	132	91.0
Unknown	2	0.2	0	0.0	2	0.4	0	0.0	0	0.0
Balance of NC County	5,266	100.0	2,534	100.0	1,305	100.0	601	100.0	826	100.0
Yes	322	6.1	229	9.0	60	4.6	6	1.0	27	3.3
No	4,935	93.7	2,302	90.8	1,242	95.2	595	99.0	796	96.4
Unknown	9	0.2	3	0.1	3	0.2	0	0.0	3	0.4
Sussex	2,279	100.0	1,282	100.0	400	100.0	55	100.0	542	100.0
Yes	253	11.1	195	15.2	46	11.5	3	5.5	9	1.7
No	2,021	88.7	1,084	84.6	353	88.3	52	94.5	532	98.2
Unknown	5	0.2	3	0.2	1	0.3	0	0.0	1	0.2

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, 2018

Age	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,593	100.0	910	8.6	9,662	91.2	21	0.2
< 18	126	100.0	7	5.6	119	94.4	0	0.0
18-19	376	100.0	37	9.8	339	90.2	0	0.0
20-24	1,960	100.0	181	9.2	1,773	90.5	6	0.3
25-29	3,110	100.0	329	10.6	2,775	89.2	6	0.2
30-34	3,190	100.0	238	7.5	2,949	92.4	3	0.1
35 +	1,831	100.0	118	6.4	1,707	93.2	6	0.3
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, 2018

Area/ Birth Weight	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	10,593	100.0	910	100.0	9,662	100.0	21	100.0
<2500	947	8.9	158	17.4	785	8.1	4	19.0
2500+	9,641	91.0	751	82.5	8,873	91.8	17	81.0
Unknown	5	0.0	1	0.1	4	0.0	0	0.0
Kent	2,149	100.0	240	100.0	1,904	100.0	5	100.0
<2500	193	9.0	38	15.8	155	8.1	0	0.0
2500+	1,955	91.0	202	84.2	1,748	91.8	5	100.0
Unknown	1	0.0	0	0.0	1	0.1	0	0.0
New Castle	6,165	100.0	417	100.0	5,737	100.0	11	100.0
<2500	565	9.2	74	17.7	489	8.5	2	18.2
2500+	5,598	90.8	342	82.0	5,247	91.5	9	81.8
Unknown	2	0.0	1	0.2	1	0.0	0	0.0
Wilmington	899	100.0	95	100.0	802	100.0	2	100.0
<2500	121	13.5	23	24.2	98	12.2	0	0.0
2500+	777	86.4	72	75.8	703	87.7	2	100.0
Unknown	1	0.1	0	0.0	1	0.1	0	0.0
Balance of NC County	5,266	100.0	322	100.0	4,935	100.0	9	100.0
<2500	444	8.4	51	15.8	391	7.9	2	22.2
2500+	4,821	91.5	270	83.9	4,544	92.1	7	77.8
Unknown	1	0.0	1	0.3	0	0.0	0	0.0
Sussex	2,279	100.0	253	100.0	2,021	100.0	5	100.0
<2500	189	8.3	46	18.2	141	7.0	2	40.0
2500+	2,088	91.6	207	81.8	1,878	92.9	3	60.0
Unknown	2	0.1	0	0.0	2	0.1	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, 2005-2018

Year/ Area	Non-Hispanic			Hispanic Origin*
	All Races	White	Black	
2018	8.6	11.4	7.6	3.7
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
2013	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

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, 2018

Day	Number	Percent
Sunday	991	9.4
Monday	1,580	14.9
Tuesday	1,666	15.7
Wednesday	1,701	16.1
Thursday	1,757	16.6
Friday	1,680	15.9
Saturday	1,218	11.5
Total	10,593	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, 2018

Month	Number	Percent
January	860	8.1
February	798	7.5
March	939	8.9
April	831	7.8
May	905	8.5
June	903	8.5
July	837	7.9
August	986	9.3
September	879	8.3
October	897	8.5
November	848	8.0
December	910	8.6
Total	10,593	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, 2017-2018

Males

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

Rank	2018	
	Name	Number
1	Liam	63
2	Noah	54
3	Logan	49
4	Mason	46
5	James	42
6	Alexander	39
7	Carter	38
7	John	38
9	William	37
10	Carson	35
11	Elijah	34
12	Julian	33
13	Thomas	31
13	Wyatt	31
15	Daniel	30

Females

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
12	Elizabeth	26
12	Evelyn	26
12	Madison	26
15	Riley	25

Rank	2018	
	Name	Number
1	Ava	47
2	Isabella	45
3	Olivia	41
4	Charlotte	39
5	Sophia	38
6	Harper	36
7	Emma	35
8	Mia	32
9	Amelia	30
9	Avery	30
10	Layla	30
11	Ella	29
13	Lillian	26
14	Aria	25
14	Elizabeth	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, 2018

State	Low Birthweight	
	Rate	Rank
Alabama	10.7	49
Alaska	5.9	1
Arizona	7.6	16
Arkansas	9.4	42
California	7.0	9
Colorado	9.4	42
Connecticut	7.6	16
Delaware	8.9	37
District of Columbia	10.0	47
Florida	8.7	33
Georgia	10.1	48
Hawaii	8.3	26
Idaho	7.3	13
Illinois	8.5	29
Indiana	8.1	23
Iowa	6.9	7
Kansas	7.4	14
Kentucky	8.9	37
Louisiana	10.8	50
Maine	7.2	11
Maryland	8.8	36
Massachusetts	7.6	16
Michigan	8.5	29
Minnesota	6.9	7
Mississippi	12.1	51
Missouri	8.7	33
Montana	7.4	14
Nebraska	7.6	16
Nevada	8.7	33
New Hampshire	6.8	6
New Jersey	7.9	22
New Mexico	9.0	39
New York	8.1	23
North Carolina	9.2	40
North Dakota	6.6	2
Ohio	8.5	29
Oklahoma	8.3	26
Oregon	6.7	5
Pennsylvania	8.3	26
Rhode Island	7.6	16
South Carolina	9.6	46
South Dakota	6.6	2
Tennessee	9.3	41
Texas	8.5	29
Utah	7.2	11
Vermont	7.0	9
Virginia	8.2	25
Washington	6.6	2
West Virginia	9.4	42
Wisconsin	7.7	21
Wyoming	9.4	42
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, 2018

State	Cesarean Deliveries		Single Mothers	
	Rate	Rank	Rate	Rank
Alabama	34.7	44	46.8	46
Alaska	22.4	1	35.3	15
Arizona	27.5	13	44.9	39
Arkansas	34.8	45	45.4	41
California	30.9	26	37.1	20
Colorado	26.1	7	23.2	2
Connecticut	34.8	45	37.1	20
Delaware	31.3	28	47.0	47
District of Columbia	31.5	29	46.5	45
Florida	36.8	49	46.4	44
Georgia	34.0	41	45.1	40
Hawaii	26.9	10	38.1	23
Idaho	24.0	3	27.0	3
Illinois	31.2	27	39.3	27
Indiana	29.8	19	43.2	35
Iowa	29.8	19	34.9	13
Kansas	29.7	18	36.4	18
Kentucky	34.3	43	41.9	33
Louisiana	37.0	50	53.3	50
Maine	30.4	24	38.8	25
Maryland	33.9	39	39.2	26
Massachusetts	31.5	29	32.5	7
Michigan	32.1	32	40.8	29
Minnesota	27.0	11	31.9	5
Mississippi	38.3	51	54.1	51
Missouri	30.0	22	40.3	28
Montana	28.1	16	34.9	13
Nebraska	29.9	21	32.5	7
Nevada	33.8	38	48.3	48
New Hampshire	31.6	31	32.9	9
New Jersey	34.9	47	33.8	11
New Mexico	25.3	5	51.2	49
New York	33.9	39	37.0	19
North Carolina	29.4	17	40.9	32
North Dakota	26.5	8	31.9	5
Ohio	30.8	25	43.2	35
Oklahoma	32.8	36	42.2	34
Oregon	28.0	15	36.3	17
Pennsylvania	30.1	23	40.8	29
Rhode Island	32.2	33	43.6	38
South Carolina	33.5	37	46.2	43
South Dakota	24.6	4	36.1	16
Tennessee	32.4	34	43.5	37
Texas	35.0	48	40.8	29
Utah	22.7	2	19.2	1
Vermont	25.9	6	38.5	24
Virginia	32.4	34	34.7	12
Washington	27.9	14	31.1	4
West Virginia	34.1	42	45.7	42
Wisconsin	26.6	9	37.4	22
Wyoming	27.4	12	33.3	10
United States	31.9		39.6	

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

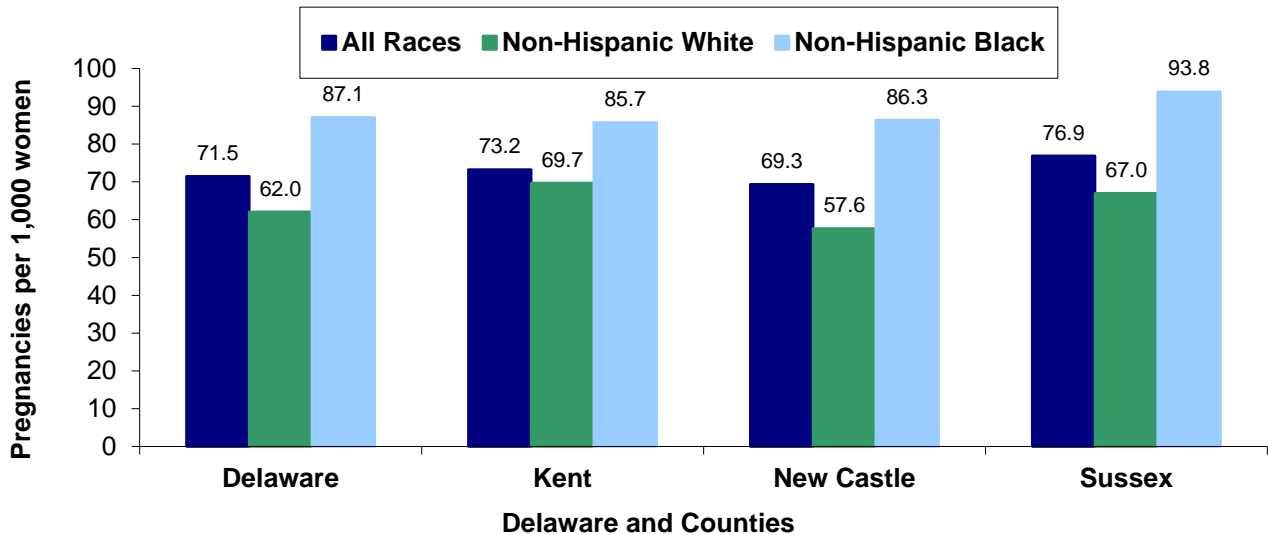


Reported Pregnancies

REPORTED PREGNANCIES

At 71.5 reported pregnancies per 1,000 women ages 15-44, the 2014-2018 rate of reported pregnancies decreased by 11 percent from the 80.3 rate in 2009-2013. The 2014-2018 five year average rate found Sussex County to have the highest pregnancy rate for non-Hispanic black (93.8 per 1,000 women). Kent County had the lowest reported pregnancy rate for non-Hispanic blacks (85.7 per 1,000 women) but had the highest rate for non-Hispanic white women (69.7 pregnancies per 1000 women). New Castle had the lowest reported pregnancy rate for non-Hispanic whites (57.6 per 1,000 women) during this same five year period.

Figure 21. Five-year Average Rate of Reported Pregnancies by Race,

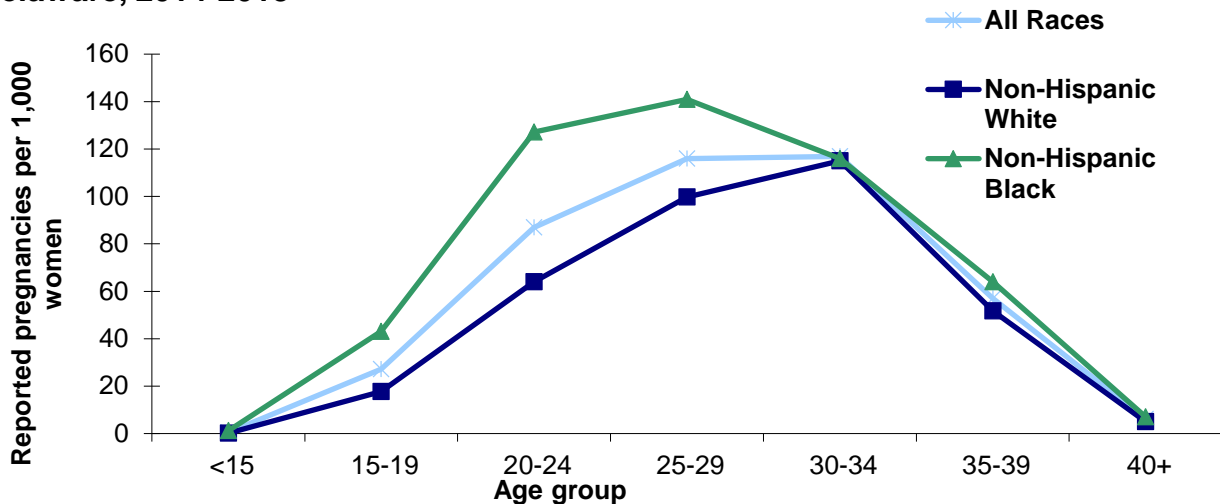


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Non-Hispanic black women in the 25-29 year age group had the highest pregnancy rate, at 140.9 pregnancies per 1,000 women in 2014-2018.

Non-Hispanic black women had higher five year average (2014-2018) pregnancy rates than white women in all age groups. The highest pregnancy rate during this same time period for non-Hispanic white women was in the 30-34 age group (115 pregnancies per 1,000 women)

Figure 22. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2014-2018

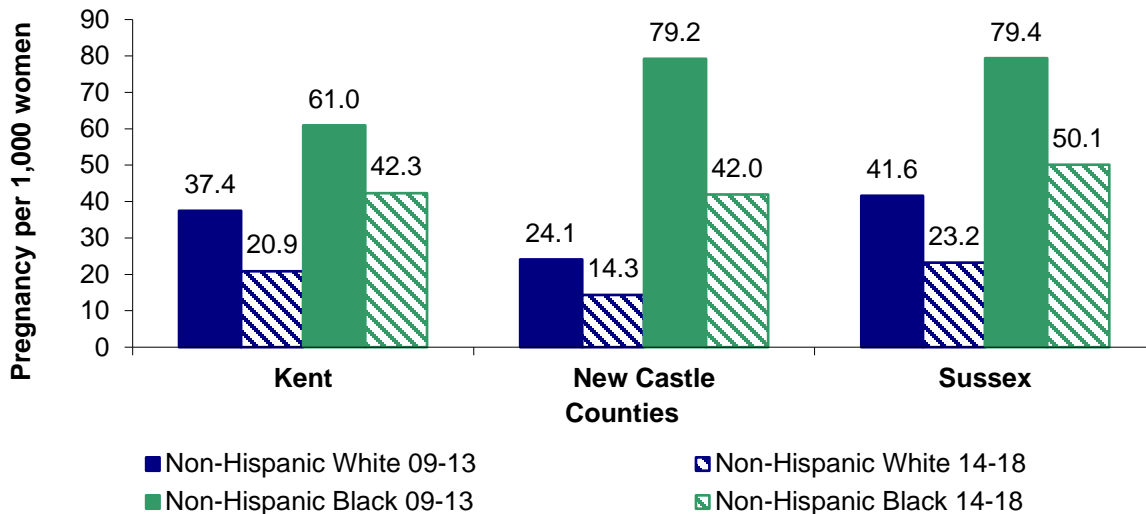


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics

REPORTED PREGNANCIES

In all three counties the five year average teen (15-19) pregnancy rates for all races continues to decline from 2009-2013 to 2014-2015. New Castle County had a 46.9 percent decrease in the number of reported pregnancies for non-Hispanic black teens, aged 15-19, from 2009-2013 to 2014-2018. In 2014-2018, Sussex County had the highest five year average reported pregnancy rate for both non-Hispanic white teens (23.2 pregnancies per 1,000 women) and non-Hispanic black teens (50.1 pregnancies per 1,000 women)

Figure 23. Five-year Average Teenage (15-19) Pregnancy Rates by County and Race,



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

- ▶ In 2014-2018, New Castle County had the lowest five year average pregnancy rate for younger white non-Hispanic teens aged 15-17, (5.9 pregnancies per 1,000 women). The highest rate for non-Hispanic black teens, aged 15-17, during this same time period was in Sussex County (27.8 pregnancies per 1,000 women).

The five-year average (2014-2018) pregnancy rate for older non-Hispanic white teens, aged 18-19, was lowest in New Castle County (26.4 pregnancies per 1,000 females). During this same time period Sussex County had the highest rate for non-Hispanic black teens, aged 18-19, at a rate of 82.9 pregnancies per 1,000 women.

- ▶ In 2018, there were 1,740 abortions performed in Delaware, 1,504 to Delaware residents and 236 to non-residents.
 - Forty-four percent of all pregnancies to females under 15 ended in termination in 2018.
 - ⇒ 37.5 percent to non-Hispanic black females under 15 ended in termination in 2018.
 - 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 5.4 percent of pregnancies to non-Hispanic black married women ended in termination in 2018.
 - ⇒ When the women were unmarried, these numbers increased to 22.2 percent among non-Hispanic white women and 23.1 percent among non-Hispanic black women in 2018.
 - There were 59 fetal deaths of Delaware residents in 2018.
 - There were 10,593 live births to Delaware residents in 2018.
 - In 2018, women under 25 accounts for 41% of all induced termination of pregnancy in Delaware.

TABLE D-1. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2018

Area/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	12,156	100.0	10,593	87.1	59	0.5	1,504	12.4
<15	9	100.0	5	55.6	0	0.0	4	44.4
15-19	662	100.0	497	75.1	3	0.5	162	24.5
15-17	179	100.0	121	67.6	0	0.0	58	32.4
18-19	483	100.0	376	77.8	3	0.6	104	21.5
20-24	2,409	100.0	1,960	81.4	7	0.3	442	18.3
25-29	3,544	100.0	3,110	87.8	21	0.6	413	11.7
30-34	3,494	100.0	3,190	91.3	21	0.6	283	8.1
35-39	1,672	100.0	1,514	90.6	6	0.4	152	9.1
40+	366	100.0	317	86.6	1	0.3	48	13.1
Unknown	-	...	-	...	0	...	-	...
Kent	2,485	100.0	2,149	86.5	13	0.5	323	13.0
<15	2	100.0	1	50.0	0	0.0	1	50.0
15-19	131	100.0	95	72.5	0	0.0	36	27.5
15-17	35	100.0	23	65.7	0	0.0	12	34.3
18-19	96	100.0	72	75.0	0	0.0	24	25.0
20-24	592	100.0	492	83.1	2	0.3	98	16.6
25-29	771	100.0	680	88.2	4	0.5	87	11.3
30-34	667	100.0	597	89.5	7	1.0	63	9.4
35-39	268	100.0	234	87.3	0	0.0	34	12.7
40+	54	100.0	50	92.6	0	0.0	4	7.4
Unknown	-	...	-	...	0	...	-	...
New Castle	7,144	100.0	6,165	86.3	37	0.5	942	13.2
<15	6	100.0	3	50.0	0	0.0	3	50.0
15-19	372	100.0	265	71.2	3	0.8	104	28.0
15-17	100	100.0	63	63.0	0	0.0	37	37.0
18-19	272	100.0	202	74.3	3	1.1	67	24.6
20-24	1,274	100.0	1,003	78.7	4	0.3	267	21.0
25-29	2,009	100.0	1,738	86.5	12	0.6	259	12.9
30-34	2,148	100.0	1,960	91.2	11	0.5	177	8.2
35-39	1,105	100.0	1,002	90.7	6	0.5	97	8.8
40+	230	100.0	194	84.3	1	0.4	35	15.2
Unknown	-	...	-	...	0	...	-	...
Sussex	2,527	100.0	2,279	90.2	9	0.4	239	9.5
<15	1	100.0	1	100.0	0	0.0	-	0.0
15-19	159	100.0	137	86.2	0	0.0	22	13.8
15-17	44	100.0	35	79.5	0	0.0	9	20.5
18-19	115	100.0	102	88.7	0	0.0	13	11.3
20-24	543	100.0	465	85.6	1	0.2	77	14.2
25-29	764	100.0	692	90.6	5	0.7	67	8.8
30-34	679	100.0	633	93.2	3	0.4	43	6.3
35-39	299	100.0	278	93.0	0	0.0	21	7.0
40+	82	100.0	73	89.0	0	0.0	9	11.0
Unknown	-	...	-	...	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, 2018

Race- Hispanic Origin/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	12,156	100.0	10,593	87.1	59	0.5	1,504	12.4
<15	9	100.0	5	55.6	0	0.0	4	44.4
15-19	662	100.0	497	75.1	3	0.5	162	24.5
15-17	179	100.0	121	67.6	0	0.0	58	32.4
18-19	483	100.0	376	77.8	3	0.6	104	21.5
20-24	2,409	100.0	1,960	81.4	7	0.3	442	18.3
25-29	3,544	100.0	3,110	87.8	21	0.6	413	11.7
30-34	3,494	100.0	3,190	91.3	21	0.6	283	8.1
35-39	1,672	100.0	1,514	90.6	6	0.4	152	9.1
40+	366	100.0	317	86.6	1	0.3	48	13.1
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic White	5,822	100.0	5,197	89.3	16	0.3	609	10.5
<15	1	100.0	0	0.0	0	0.0	1	100.0
15-19	216	100.0	160	74.1	1	0.5	55	25.5
15-17	52	100.0	34	65.4	0	0.0	18	34.6
18-19	164	100.0	126	76.8	1	0.6	37	22.6
20-24	936	100.0	762	81.4	1	0.1	173	18.5
25-29	1,741	100.0	1,557	89.4	6	0.3	178	10.2
30-34	1,906	100.0	1,776	93.2	7	0.4	123	6.5
35-39	867	100.0	808	93.2	1	0.1	58	6.7
40+	155	100.0	134	86.5	0	0.0	21	13.5
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic Black	3,573	100.0	2,880	80.6	29	0.8	664	18.6
<15	8	100.0	5	62.5	0	0.0	3	37.5
15-19	273	100.0	195	71.4	1	0.4	77	28.2
15-17	82	100.0	55	67.1	0	0.0	27	32.9
18-19	191	100.0	140	73.3	1	0.5	50	26.2
20-24	907	100.0	704	77.6	4	0.4	199	21.9
25-29	1,037	100.0	840	81.0	10	1.0	187	18.0
30-34	793	100.0	670	84.5	10	1.3	113	14.2
35-39	445	100.0	374	84.0	4	0.9	67	15.1
40+	110	100.0	92	83.6	0	0.0	18	16.4
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic Other	831	100.0	766	92.2	2	0.2	63	7.6
<15	0	...	0	...	0	...	0	...
15-19	17	100.0	12	70.6	0	0.0	5	29.4
15-17	4	100.0	3	75.0	0	0.0	1	25.0
18-19	13	100.0	9	69.2	0	0.0	4	30.8
20-24	81	100.0	59	72.8	0	0.0	22	27.2
25-29	214	100.0	206	96.3	2	0.9	6	2.8
30-34	348	100.0	329	94.5	0	0.0	19	5.5
35-39	141	100.0	133	94.3	0	0.0	8	5.7
40+	30	100.0	27	90.0	0	0.0	3	10.0
Unknown	0	...	0	...	0	...	0	...
Hispanic*	1,930	100.0	1,750	90.7	12	0.6	168	8.7
<15	0	...	0	...	0	...	0	...
15-19	158	100.0	130	82.3	1	0.6	25	15.8
15-17	42	100.0	29	69.0	0	2.4	12	28.6
18-19	116	100.0	101	87.1	1	1.7	13	11.2
20-24	486	100.0	435	89.5	2	0.6	48	9.9
25-29	553	100.0	507	91.7	3	0.7	42	7.6
30-34	444	100.0	415	93.5	4	0.2	28	6.3
35-39	219	100.0	199	90.9	1	0.5	19	8.7
40+	70	100.0	64	91.4	1	0.0	6	8.6
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, 2018

Race- Hispanic Origin/ Education	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	12,156	100.0	10,593	87.1	59	0.5	1,504	12.4
<9	488	100.0	460	94.3	3	0.6	25	5.1
9 to 11	1,172	100.0	1,046	89.2	6	0.5	120	10.2
H.S. Grad	3,628	100.0	2,814	77.6	26	0.7	788	21.7
1 to 3 College	3,116	100.0	2,860	91.8	9	0.3	247	7.9
4+ College	3,546	100.0	3,348	94.4	11	0.3	187	5.3
Unknown	206	100.0	65	31.6	4	1.9	137	66.5
Non-Hispanic White	5,822	100.0	5,197	89.3	16	0.3	609	10.5
<9	94	100.0	88	93.6	1	1.1	5	5.3
9 to 11	420	100.0	373	88.8	3	0.7	44	10.5
H.S. Grad	1,446	100.0	1,105	76.4	7	0.5	334	23.1
1 to 3 College	1,572	100.0	1,488	94.7	0	0.0	84	5.3
4+ College	2,212	100.0	2,132	96.4	3	0.1	77	3.5
Unknown	78	100.0	11	14.1	2	2.6	65	83.3
Non-Hispanic Black	3,573	100.0	2,880	80.6	29	0.8	664	18.6
<9	29	100.0	23	79.3	0	0.0	6	20.7
9 to 11	389	100.0	346	88.9	1	0.3	42	10.8
H.S. Grad	1,463	100.0	1,091	74.6	15	1.0	357	24.4
1 to 3 College	997	100.0	868	87.1	7	0.7	122	12.2
4+ College	622	100.0	532	85.5	4	0.6	86	13.8
Unknown	73	100.0	20	27.4	2	2.7	51	69.9
Non-Hispanic Other	831	100.0	766	92.2	2	0.2	63	7.6
<9	11	100.0	11	100.0	0	0.0	0	0.0
9 to 11	39	100.0	34	87.2	0	0.0	5	12.8
H.S. Grad	111	100.0	88	79.3	0	0.0	23	20.7
1 to 3 College	128	100.0	115	89.8	1	0.8	12	9.4
4+ College	530	100.0	514	97.0	1	0.2	15	2.8
Unknown	12	100.0	4	33.3	0	0.0	8	66.7
Hispanic*	1,930	100.0	1,750	90.7	12	0.6	168	8.7
<9	354	100.0	338	95.5	2	0.6	14	4.0
9 to 11	324	100.0	293	90.4	2	0.6	29	9.0
H.S. Grad	608	100.0	530	87.2	4	0.7	74	12.2
1 to 3 College	419	100.0	389	92.8	1	0.2	29	6.9
4+ College	182	100.0	170	93.4	3	1.6	9	4.9
Unknown	43	100.0	30	69.8	0	0.0	13	30.2

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, 2018

Area/Race/ Marital Status	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware								
All Races	12,156	100.0	10,593	87.1	59	0.5	1,504	12.4
Married	5,829	100.0	5,622	96.4	19	0.3	188	3.2
Single	6,327	100.0	4,971	78.6	40	0.6	1,316	20.8
Non-Hispanic White	5,822	100.0	5,197	89.3	16	0.3	609	10.5
Married	3,462	100.0	3,374	97.5	4	0.1	84	2.4
Single	2,360	100.0	1,823	77.2	12	0.5	525	22.2
Non-Hispanic Black	3,573	100.0	2,880	80.6	29	0.8	664	18.6
Married	911	100.0	853	93.6	9	1.0	49	5.4
Single	2,662	100.0	2,027	76.1	20	0.8	615	23.1
Non-Hispanic Other	831	100.0	766	92.2	2	0.2	63	7.6
Married	706	100.0	678	96.0	1	0.1	27	3.8
Single	125	100.0	88	70.4	1	0.8	36	28.8
Kent								
All Races	2,485	100.0	2,149	86.5	13	0.5	323	13.0
Married	1,185	100.0	1,144	96.5	2	0.2	39	3.3
Single	1,300	100.0	1,005	77.3	11	0.8	284	21.8
Non-Hispanic White	1,341	100.0	1,205	89.9	5	0.4	131	9.8
Married	757	100.0	742	98.0	0	0.0	15	2.0
Single	584	100.0	463	79.3	5	0.9	116	19.9
Non-Hispanic Black	781	100.0	618	79.1	7	0.9	156	20.0
Married	229	100.0	213	93.0	1	0.4	15	6.6
Single	552	100.0	405	73.4	6	1.1	141	25.5
Non-Hispanic Other	101	100.0	89	88.1	0	0.0	12	11.9
Married	74	100.0	71	95.9	0	0.0	3	4.1
Single	27	100.0	18	66.7	0	0.0	9	33.3
New Castle								
All Races	7,144	100.0	6,165	86.3	37	0.5	942	13.2
Married	3,475	100.0	3,338	96.1	16	0.5	121	3.5
Single	3,669	100.0	2,827	77.1	21	0.6	821	22.4
Non-Hispanic White	3,063	100.0	2,710	88.5	9	0.3	344	11.2
Married	1,902	100.0	1,848	97.2	4	0.2	50	2.6
Single	1,161	100.0	862	74.2	5	0.4	294	25.3
Non-Hispanic Black	2,328	100.0	1,862	80.0	18	0.8	448	19.2
Married	566	100.0	526	92.9	8	1.4	32	5.7
Single	1,762	100.0	1,336	75.8	10	0.6	416	23.6
Non-Hispanic Other	668	100.0	622	93.1	2	0.3	44	6.6
Married	588	100.0	564	95.9	1	0.2	23	3.9
Single	80	100.0	58	72.5	1	1.3	21	26.3
Sussex								
All Races	2,527	100.0	2,279	90.2	9	0.4	239	9.5
Married	1,169	100.0	1,140	97.5	1	0.1	28	2.4
Single	1,358	100.0	1,139	83.9	8	0.6	211	15.5
Non-Hispanic White	1,418	100.0	1,282	90.4	2	0.1	134	9.4
Married	803	100.0	784	97.6	0	0.0	19	2.4
Single	615	100.0	498	81.0	2	0.3	115	18.7
Non-Hispanic Black	464	100.0	400	86.2	4	0.9	60	12.9
Married	116	100.0	114	98.3	0	0.0	2	1.7
Single	348	100.0	286	82.2	4	1.1	58	16.7
Non-Hispanic Other	62	100.0	55	88.7	0	0.0	7	11.3
Married	44	100.0	43	97.7	0	0.0	1	2.3
Single	18	100.0	12	66.7	0	0.0	6	33.3

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, 2008-2018

ALL RACES

Area/ Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Delaware	15,399	14,961	14,905	14,433	14,263	13,420	13,459	13,573	12,900	12,558	12,156
<15	47	33	34	32	28	18	18	17	16	8	9
15-19	1,846	1,574	1,574	1,378	1,172	1,067	926	823	791	701	662
15-17	607	488	504	427	348	304	273	241	217	198	179
18-19	1,239	1,086	1,070	951	824	763	653	582	574	503	483
20-24	4,141	4,028	3,908	3,702	3,703	3,290	3,156	3,059	2,651	2,545	2,409
25-29	4,327	4,172	4,187	4,118	3,990	3,797	3,924	3,966	3,855	3,795	3,544
30-34	3,035	3,134	3,211	3,279	3,427	3,424	3,508	3,623	3,548	3,476	3,494
35-39	1,647	1,558	1,581	1,536	1,564	1,451	1,525	1,720	1,681	1,670	1,672
40+	356	462	410	388	379	373	402	365	358	363	366
Kent	2,925	2,901	2,815	2,689	2,752	2,672	2,683	2,681	2,579	2,514	2,485
<15	5	5	4	3	2	2	3	3	3	2	2
15-19	356	291	304	267	235	201	169	149	187	158	159
15-17	111	86	98	73	60	53	44	43	47	45	35
18-19	245	205	206	194	175	148	125	106	140	113	96
20-24	899	971	852	773	808	778	754	731	612	598	592
25-29	823	825	827	831	783	785	844	847	859	803	771
30-34	511	528	529	551	597	611	631	612	595	604	667
35-39	277	203	227	217	262	228	231	288	257	272	268
40+	54	78	72	47	65	67	51	51	66	77	54
New Castle	9,382	9,233	9,360	9,143	8,781	8,225	8,153	8,236	7,759	7,494	7,144
<15	33	21	24	21	22	14	11	8	8	5	6
15-19	1,061	945	971	846	682	626	540	476	432	369	372
15-17	362	290	314	272	215	187	172	140	120	100	100
18-19	699	655	657	574	467	439	368	336	312	269	272
20-24	2,251	2,209	2,254	2,147	2,082	1,861	1,729	1,681	1,427	1,373	1,274
25-29	2,639	2,543	2,573	2,527	2,445	2,251	2,285	2,316	2,221	2,171	2,009
30-34	2,058	2,103	2,150	2,244	2,275	2,236	2,273	2,375	2,299	2,264	2,148
35-39	1,092	1,090	1,107	1,075	1,033	987	1,026	1,113	1,135	1,082	1,105
40+	248	322	281	283	242	250	289	267	237	230	230
Sussex	3,092	2,827	2,730	2,601	2,730	2,523	2,623	2,656	2,562	2,550	2,527
<15	9	7	6	8	4	2	4	6	5	1	1
15-19	429	338	299	265	255	240	217	198	172	174	159
15-17	134	112	92	82	73	64	57	58	50	53	44
18-19	295	226	207	183	182	176	160	140	122	121	115
20-24	991	848	802	782	813	651	673	647	612	574	543
25-29	865	804	787	760	762	761	795	803	775	821	764
30-34	466	503	532	484	555	577	604	636	654	608	679
35-39	278	265	247	244	269	236	268	319	289	316	299
40+	54	62	57	58	72	56	62	47	55	56	82

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, 2008-2018

NON-HISPANIC WHITE

Area/ Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Delaware	7,737	7,520	7,676	7,533	7,396	6,870	6,767	6,822	6,548	6,003	5,822
<15	11	9	4	6	7	2	4	1	5	1	1
15-19	721	593	625	554	483	368	330	290	283	230	216
15-17	219	176	185	167	125	91	82	71	68	62	52
18-19	502	417	440	387	358	277	248	219	215	168	164
20-24	1,776	1,777	1,766	1,678	1,667	1,469	1,361	1,297	1,108	1,041	936
25-29	2,251	2,177	2,257	2,227	2,098	1,994	2,082	2,038	2,024	1,811	1,741
30-34	1,785	1,797	1,874	1,982	2,055	2,015	1,996	2,074	2,071	1,913	1,906
35-39	996	898	913	864	871	813	793	936	870	836	867
40+	197	269	237	222	215	209	201	186	187	171	155
Kent	1,696	1,657	1,647	1,589	1,603	1,518	1,531	1,492	1,445	1,323	1,341
<15	2	2	1	1	2	1	1	0	2	0	0
15-19	166	124	145	134	102	77	80	61	77	60	55
15-17	46	36	46	37	26	20	18	16	19	18	13
18-19	120	88	99	97	76	57	62	45	58	42	42
20-24	488	518	465	403	416	401	375	355	312	282	284
25-29	511	513	520	536	485	479	524	493	515	438	446
30-34	330	324	335	373	395	387	401	390	375	358	396
35-39	167	130	144	115	166	133	121	165	133	147	141
40+	32	46	37	27	37	40	29	28	31	38	19
New Castle	4,372	4,318	4,458	4,435	4,167	3,911	3,747	3,794	3,630	3,236	3,063
<15	4	6	3	3	3	1	2	0	1	1	1
15-19	347	306	322	268	231	169	134	145	137	106	95
15-17	112	79	99	89	57	41	35	34	31	28	22
18-19	235	227	223	179	174	128	99	111	106	78	73
20-24	830	842	891	865	774	717	635	600	485	463	390
25-29	1,229	1,217	1,262	1,250	1,153	1,067	1,077	1,058	1,031	881	844
30-34	1,184	1,167	1,197	1,296	1,316	1,267	1,233	1,286	1,277	1,174	1,089
35-39	641	604	619	597	556	560	526	575	578	506	549
40+	137	176	164	156	134	130	140	130	121	105	95
Sussex	1,669	1,545	1,571	1,509	1,626	1,441	1,489	1,536	1,473	1,444	1,418
<15	5	1	0	2	2	0	1	1	2	0	0
15-19	208	163	158	152	150	122	116	84	69	64	66
15-17	61	61	40	41	42	30	29	21	18	16	17
18-19	147	102	118	111	108	92	87	63	51	48	49
20-24	458	417	410	410	477	351	351	342	311	296	262
25-29	511	447	475	441	460	448	481	487	478	492	451
30-34	271	306	342	313	344	361	362	398	419	381	421
35-39	188	164	150	152	149	120	146	196	159	183	177
40+	28	47	36	39	44	39	32	28	35	28	41

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, 2008-2018

NON-HISPANIC BLACK

Area/ Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Delaware	4,660	4,729	4,747	4,416	4,357	4,147	3,938	4,050	3,795	3,683	3,573
<15	27	17	24	23	16	8	12	9	6	6	8
15-19	773	702	714	591	489	480	393	336	325	281	273
15-17	267	224	228	183	167	132	129	110	95	85	82
18-19	506	478	486	408	322	348	264	226	230	196	191
20-24	1,523	1,505	1,528	1,451	1,447	1,301	1,175	1,183	1,017	933	907
25-29	1,212	1,219	1,188	1,116	1,142	1,077	1,065	1,158	1,100	1,162	1,037
30-34	663	753	768	743	792	810	804	831	807	771	793
35-39	354	407	412	385	374	373	386	441	438	426	445
40+	108	126	113	107	97	98	103	92	102	104	110
Kent	918	917	898	831	832	838	807	838	809	832	781
<15	3	1	3	2	0	0	1	3	1	2	2
15-19	144	127	136	108	111	87	61	63	77	64	55
15-17	52	39	43	29	27	23	18	22	17	16	17
18-19	92	88	93	79	84	64	43	41	60	48	38
20-24	323	334	306	293	284	287	275	277	225	228	216
25-29	239	238	215	211	219	221	225	247	244	252	219
30-34	129	140	144	126	137	153	156	147	150	166	181
35-39	64	55	64	75	68	69	72	87	92	91	87
40+	16	22	30	16	13	21	17	14	20	29	21
New Castle	3,180	3,236	3,299	3,068	3,019	2,805	2,623	2,744	2,499	2,378	2,328
<15	21	11	16	16	15	7	8	5	4	4	5
15-19	518	465	496	411	320	323	273	227	200	170	181
15-17	175	154	157	126	117	91	93	73	62	51	54
18-19	343	311	339	285	203	232	180	154	138	119	127
20-24	965	969	1,001	949	978	839	723	753	634	571	569
25-29	840	839	839	778	798	726	706	777	721	751	672
30-34	485	551	564	552	570	583	559	600	564	517	520
35-39	268	308	308	282	272	252	276	309	306	295	306
40+	83	93	75	80	66	75	78	73	70	70	75
Sussex	562	576	550	517	506	504	508	468	487	473	464
<15	3	5	5	5	1	1	3	1	1	0	1
15-19	111	110	82	72	58	70	59	46	48	47	37
15-17	40	31	28	28	23	18	18	15	16	18	11
18-19	71	79	54	44	35	52	41	31	32	29	26
20-24	235	202	221	209	185	175	177	153	158	134	122
25-29	133	142	134	127	125	130	134	134	135	159	146
30-34	49	62	60	65	85	74	89	84	93	88	92
35-39	22	44	40	28	34	52	38	45	40	40	52
40+	9	11	8	11	18	2	8	5	12	5	14

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 , 2006-2018

ALL RACES

Area/ Age	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015	2012- 2016	2013- 2017	2014- 2018
Delaware	85.1	83.9	82.4	80.3	78.6	77.1	75.2	73.1	71.5
<15	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.5
15-19	56.1	52.9	48.6	44.4	41.0	36.9	33.3	30.1	27.2
15-17	32.8	30.5	27.2	24.0	21.7	18.8	16.3	14.4	12.8
18-19	85.6	81.2	76.1	71.3	67.2	62.2	58.0	53.6	48.8
20-24	135.0	129.0	122.4	114.4	107.0	100.9	95.1	89.7	87.0
25-29	146.5	145.5	143.2	139.0	136.3	132.5	127.2	122.0	115.9
30-34	112.3	113.1	113.9	115.4	116.3	117.0	117.5	116.8	116.9
35-39	55.2	55.5	56.3	56.0	56.4	57.4	57.7	57.1	57.0
40+	6.1	6.1	6.1	6.2	6.0	6.0	6.0	6.1	6.2
Kent	86.7	85.1	83.7	81.7	79.9	78.3	77.0	74.9	73.2
<15	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4
15-19	56.0	52.8	48.0	43.3	39.5	34.6	31.8	28.9	27.0
15-17	29.4	28.0	25.0	21.6	19.0	15.7	13.9	12.8	11.6
18-19	90.3	84.4	77.9	72.4	68.0	61.8	58.8	53.5	48.3
20-24	155.5	146.5	138.2	130.0	120.1	114.9	110.7	107.1	105.3
25-29	154.6	154.6	150.4	146.7	144.5	140.7	135.9	130.5	124.4
30-34	100.3	100.7	104.0	106.2	108.0	108.6	108.4	107.2	107.7
35-39	43.5	43.1	45.7	44.3	45.4	47.4	48.1	47.3	47.6
40+	5.5	5.3	5.4	5.6	5.1	4.8	5.2	5.5	5.3
New Castle	82.7	81.9	80.5	78.8	77.2	75.5	73.3	71.1	69.3
<15	1.6	1.4	1.4	1.2	1.1	0.9	0.7	0.5	0.4
15-19	51.6	48.7	44.9	41.3	38.0	33.8	30.0	26.9	24.2
15-17	31.3	28.7	25.5	22.7	20.9	18.0	15.4	13.3	11.7
18-19	78.3	74.8	70.3	66.0	61.4	55.8	51.0	46.8	42.8
20-24	115.5	111.0	105.9	99.6	93.3	87.4	81.7	77.3	75.2
25-29	141.0	140.4	139.1	135.0	131.7	126.9	120.1	113.0	105.5
30-34	118.7	120.2	120.3	121.4	122.0	122.7	122.7	122.3	121.9
35-39	60.8	61.2	61.4	61.6	61.7	62.1	61.9	61.1	60.8
40+	6.8	6.9	6.7	6.8	6.7	6.8	6.7	6.8	6.8
Sussex	92.3	90.1	87.9	84.1	82.4	81.3	80.2	78.0	76.9
<15	1.6	1.5	1.3	1.0	0.9	0.9	0.7	0.6	0.6
15-19	70.6	65.2	58.8	51.2	46.4	42.6	38.7	35.5	32.5
15-17	34.1	32.1	29.0	25.0	21.9	20.1	18.2	16.8	15.4
18-19	134.1	123.0	109.6	93.9	84.8	76.7	68.9	63.0	58.1
20-24	192.1	182.2	172.0	157.3	148.9	140.0	130.5	116.7	108.2
25-29	157.3	154.0	150.3	144.8	143.1	142.8	142.5	145.1	145.4
30-34	101.0	100.4	101.2	103.5	105.0	105.6	109.1	108.3	110.0
35-39	47.5	48.4	49.8	48.9	49.5	52.3	53.2	53.7	54.2
40+	4.2	4.3	4.7	4.8	4.8	4.7	4.7	4.5	5.0

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, 2006-2018

NON-HISPANIC WHITE

Area/ Age	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015	2012- 2016	2013- 2017	2014- 2018
Delaware	70.9	70.8	70.5	69.6	68.8	67.6	66.1	63.8	62.0
<15	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2
15-19	36.9	35.3	33.0	30.1	28.0	25.0	22.3	19.4	17.7
15-17	19.9	19.0	17.5	15.2	13.6	11.5	9.5	8.2	7.4
18-19	57.7	55.3	52.3	49.0	47.0	43.3	40.3	35.7	32.6
20-24	97.1	93.6	89.6	84.9	79.7	75.0	70.6	66.5	63.9
25-29	129.8	130.4	129.4	126.4	124.4	119.4	113.4	106.3	99.7
30-34	111.1	113.1	115.1	117.3	118.4	118.7	118.7	116.5	115.0
35-39	53.5	53.7	54.2	53.8	53.7	54.5	54.0	52.4	51.8
40+	5.2	5.3	5.3	5.5	5.3	5.2	5.2	5.1	5.0
Kent	81.6	81.0	80.6	79.2	78.0	76.3	74.5	71.5	69.7
<15	0.6	0.5	0.5	0.5	0.4	0.3	0.4	0.3	0.2
15-19	47.6	46.7	42.4	37.4	35.1	29.8	25.7	22.6	20.9
15-17	20.9	21.3	20.2	17.8	16.0	12.8	10.6	9.6	8.7
18-19	87.7	84.5	75.6	66.7	63.5	55.4	48.7	42.7	39.7
20-24	149.6	139.9	134.1	128.3	120.0	115.0	112.3	106.4	100.9
25-29	152.7	153.7	149.4	145.9	144.7	140.7	137.6	134.5	133.2
30-34	97.7	100.2	105.3	107.7	110.7	111.7	110.0	106.6	106.0
35-39	42.4	41.1	43.4	42.2	42.0	43.0	43.3	41.2	40.7
40+	4.8	4.5	4.6	4.8	4.4	4.2	4.4	4.6	4.1
New Castle	66.8	67.0	66.5	66.1	65.1	63.8	62.0	59.8	57.6
<15	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.1
15-19	30.0	28.4	26.1	24.1	22.0	19.7	17.9	15.7	14.3
15-17	18.3	17.1	15.0	12.8	11.5	9.5	7.5	6.5	5.9
18-19	42.0	40.1	38.1	36.9	34.6	32.7	32.1	28.8	26.4
20-24	71.1	69.7	66.0	62.7	58.7	54.4	50.1	47.9	46.3
25-29	120.5	121.2	120.6	118.2	114.8	107.8	99.0	88.7	79.7
30-34	121.1	123.7	125.2	126.9	127.3	127.5	126.9	124.6	121.8
35-39	61.0	61.7	61.9	62.8	62.9	62.7	61.8	59.3	57.6
40+	6.0	6.1	6.1	6.2	6.1	6.0	5.9	5.9	5.8
Sussex	73.6	72.9	73.2	71.4	71.0	70.5	69.8	67.7	67.0
<15	0.6	0.6	0.6	0.3	0.3	0.4	0.4	0.2	0.2
15-19	50.2	47.9	46.5	41.6	39.1	35.2	30.6	26.1	23.2
15-17	23.2	22.0	21.8	19.3	16.8	15.4	13.5	11.2	10.0
18-19	97.7	93.4	88.5	77.4	73.3	64.4	54.8	47.1	42.2
20-24	146.3	138.6	136.0	128.3	122.4	115.5	107.3	93.1	85.1
25-29	135.6	135.0	135.5	130.9	131.9	131.9	132.8	134.6	134.7
30-34	93.9	94.0	95.0	99.1	100.4	100.7	104.3	104.3	105.5
35-39	42.9	43.6	43.5	41.0	40.8	44.0	44.2	45.3	47.2
40+	3.5	3.6	3.9	4.2	4.0	3.9	3.9	3.6	3.7

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, 2006-2018

NON-HISPANIC BLACK

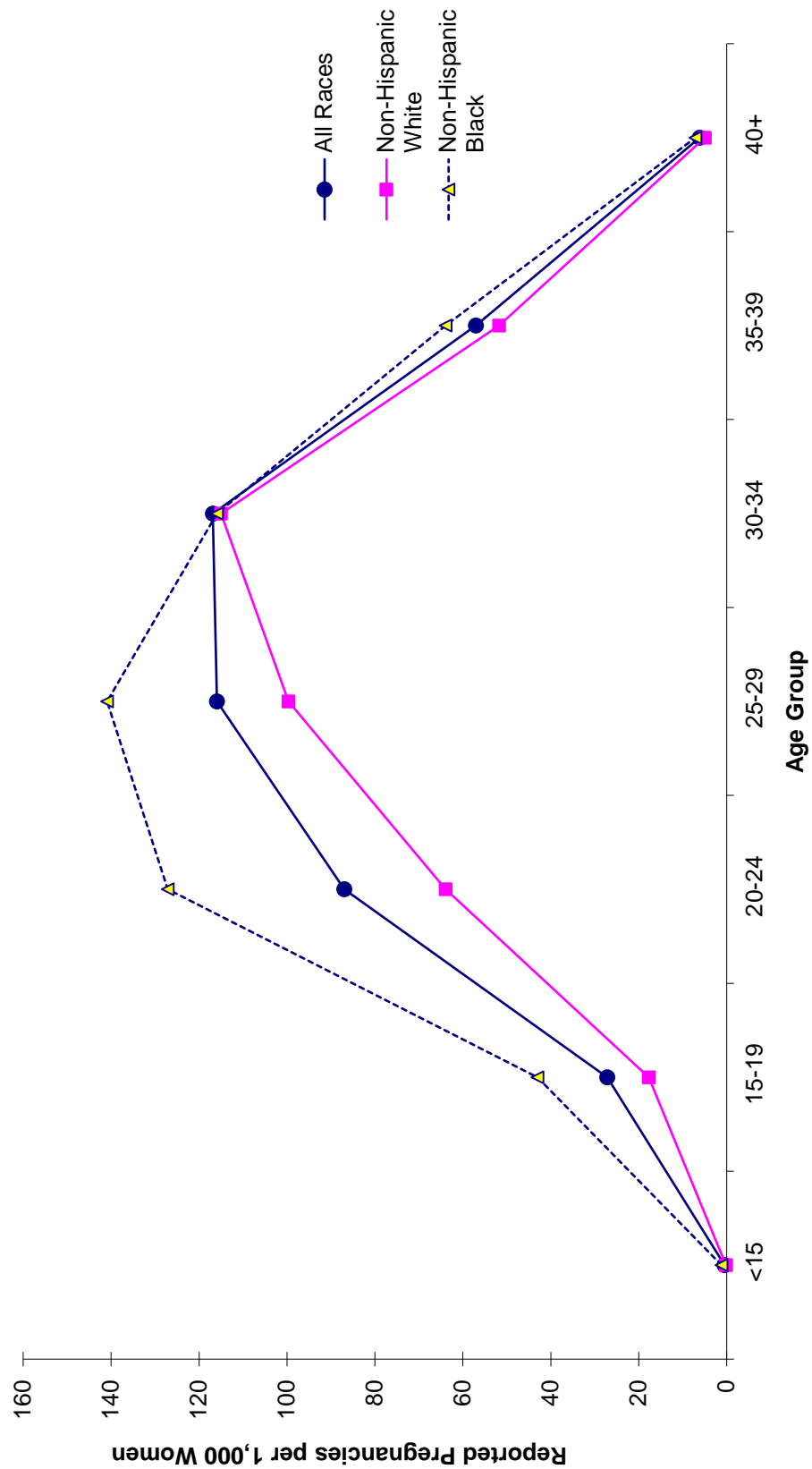
Area/ Age	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015	2012- 2016	2013- 2017	2014- 2018
Delaware	109.6	108.7	106.9	104.3	100.4	96.9	93.7	90.2	87.1
<15	3.4	3.1	3.0	2.4	2.3	1.9	1.4	1.2	1.2
15-19	94.2	88.8	81.3	75.0	68.3	59.9	53.7	48.5	43.1
15-17	56.9	52.1	46.3	40.9	37.2	32.3	28.5	24.7	22.4
18-19	144.8	138.5	128.6	121.1	111.1	98.6	89.8	83.5	73.7
20-24	212.7	206.5	199.2	187.5	173.7	160.3	147.7	135.0	127.1
25-29	180.7	181.3	179.7	173.6	165.9	160.7	154.5	149.0	140.9
30-34	108.3	110.8	112.9	116.6	117.0	117.4	118.6	117.0	116.0
35-39	56.4	57.6	58.7	60.5	60.8	62.0	63.0	63.4	63.9
40+	7.2	7.4	7.2	7.0	6.7	6.5	6.5	6.8	7.1
Kent	101.7	99.8	97.0	94.3	91.1	89.1	88.0	87.5	85.7
<15	1.7	1.7	1.2	0.8	0.8	0.8	0.7	0.9	1.2
15-19	72.0	66.3	64.0	61.0	57.0	52.0	51.3	46.5	42.3
15-17	52.1	47.1	41.9	35.8	31.2	26.4	23.8	21.3	19.9
18-19	88.6	82.2	83.1	84.4	83.8	82.5	89.1	84.0	75.9
20-24	173.6	165.7	151.2	137.6	124.8	117.6	112.0	113.3	118.0
25-29	177.1	178.6	175.6	169.6	161.5	155.2	142.8	128.5	112.5
30-34	110.5	109.9	110.7	113.3	114.1	113.2	115.7	119.1	120.9
35-39	46.4	50.0	53.3	55.1	58.7	62.9	65.2	67.6	68.9
40+	7.3	7.5	7.1	7.4	7.0	5.8	6.2	7.5	7.6
New Castle	112.3	111.4	110.1	107.4	103.1	99.1	94.9	90.1	86.3
<15	3.6	3.2	3.3	2.7	2.6	2.1	1.7	1.2	1.1
15-19	100.2	95.3	86.9	79.2	72.1	61.9	53.5	47.6	42.0
15-17	58.3	52.9	47.2	42.1	38.7	33.6	29.3	24.8	22.2
18-19	165.9	161.9	148.2	135.3	121.6	103.3	88.6	81.3	71.3
20-24	222.6	215.8	213.1	203.9	189.1	174.0	157.8	137.9	125.3
25-29	184.4	185.3	184.6	177.9	169.9	164.6	159.5	155.7	150.0
30-34	114.3	116.9	118.7	122.5	122.0	122.2	122.4	119.4	116.6
35-39	60.5	61.3	61.8	62.4	62.1	62.7	63.2	63.2	64.1
40+	7.6	7.7	7.3	7.2	6.9	6.9	6.8	7.1	7.2
Sussex	108.2	109.1	106.3	104.5	102.0	98.8	97.5	95.9	93.8
<15	4.7	5.0	4.1	3.7	3.3	2.4	1.5	1.3	1.3
15-19	107.1	100.9	87.1	79.4	69.5	63.1	58.5	56.4	50.1
15-17	56.8	55.3	48.3	42.1	38.6	35.0	31.6	30.1	27.8
18-19	192.7	178.7	151.7	139.1	117.2	105.5	97.7	94.1	82.9
20-24	245.2	247.7	238.7	225.1	218.5	201.0	187.2	172.4	157.3
25-29	166.0	164.1	159.9	156.9	152.0	149.4	149.1	156.5	159.3
30-34	70.0	75.9	82.5	87.5	92.6	96.5	101.6	100.6	104.5
35-39	46.1	46.9	47.4	57.4	55.8	56.4	58.4	57.9	55.1
40+	4.8	5.1	6.1	5.4	5.2	5.0	5.2	3.9	5.5

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.
4. Comparisons using rates for the "<15" and "40+" age categories may be misleading due to the small number of events in these categories.

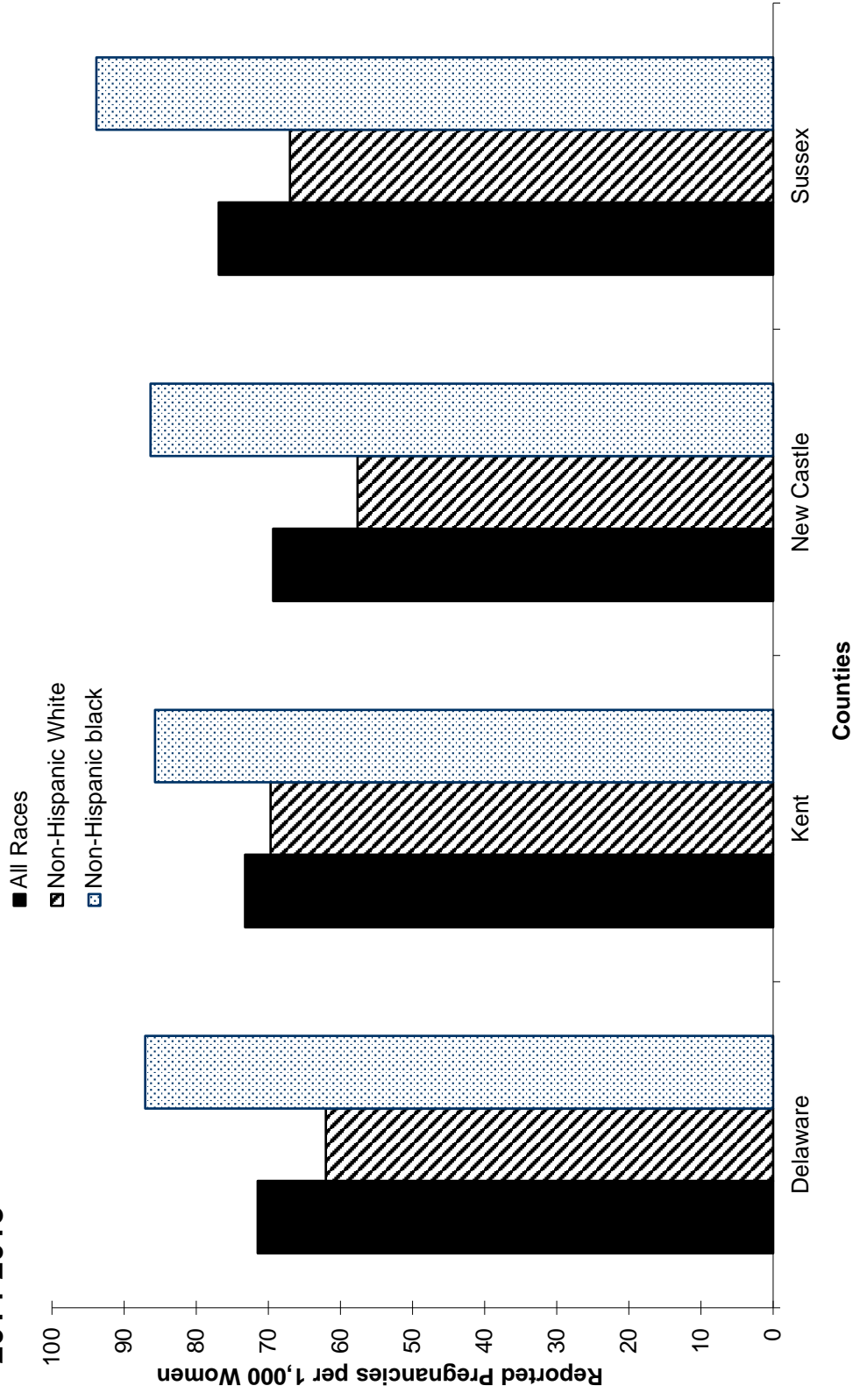
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-1. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2014-2018



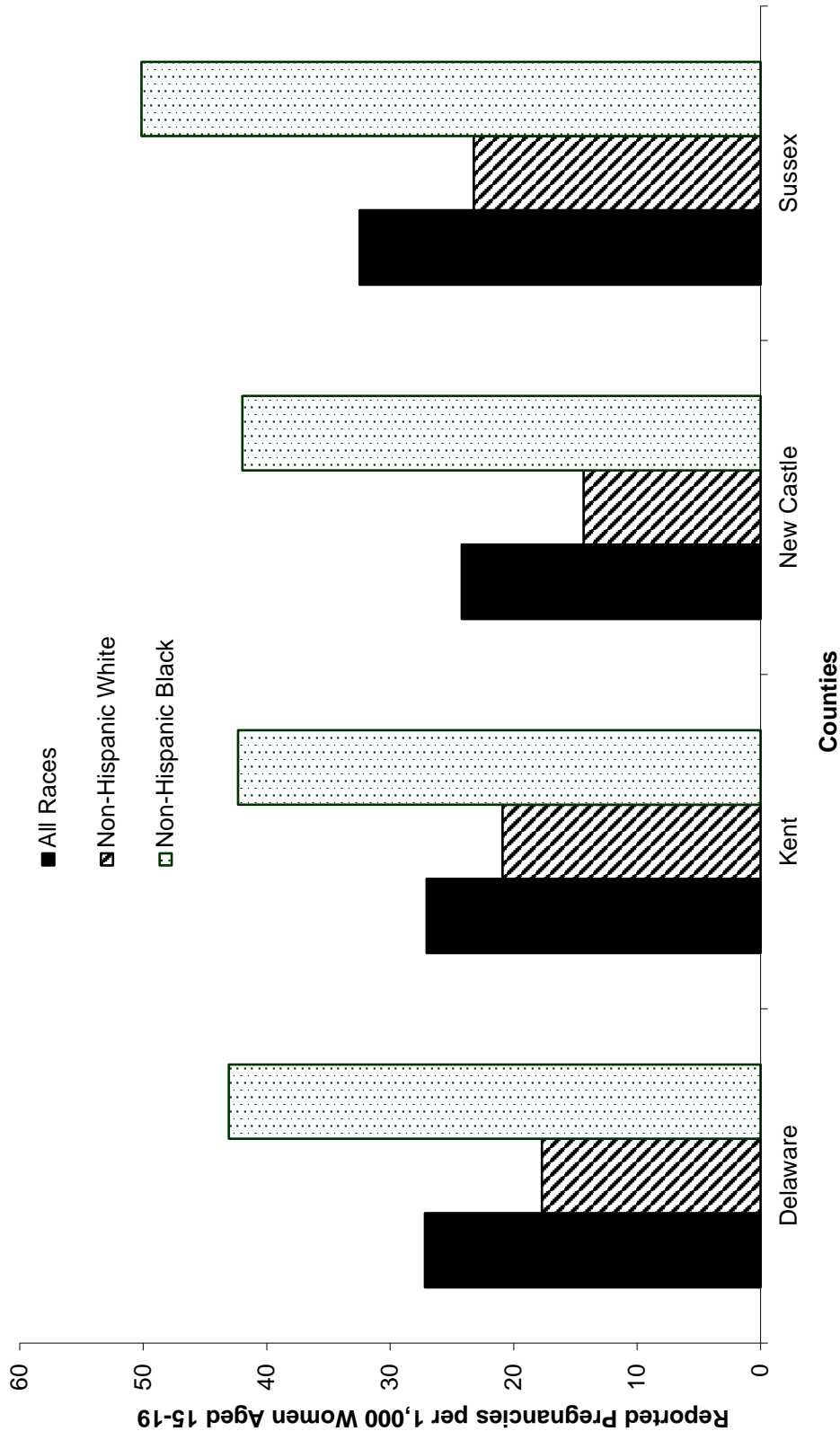
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-2. Five-year Average Rate of Reported Pregnancies by County and Race, Delaware, 2014-2018



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, 2014-2018



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

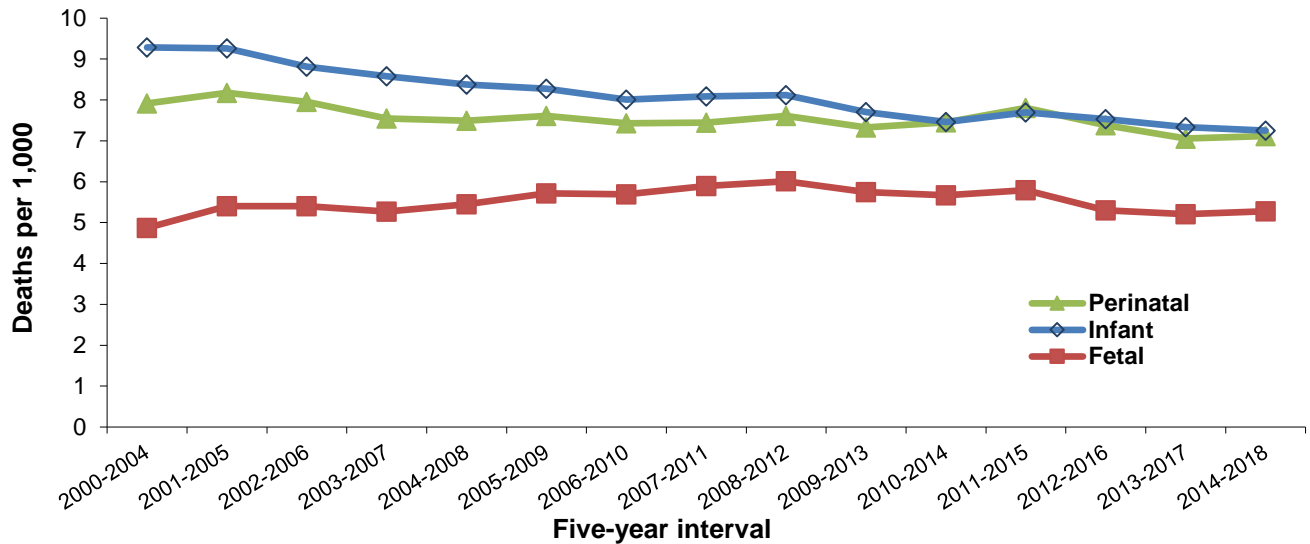
The background of the slide consists of several parallel, diagonal grey lines that create a textured, grid-like pattern across the entire page. The lines are evenly spaced and run from the top-left towards the bottom-right.

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 2014-2018. By 2014-2018 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.

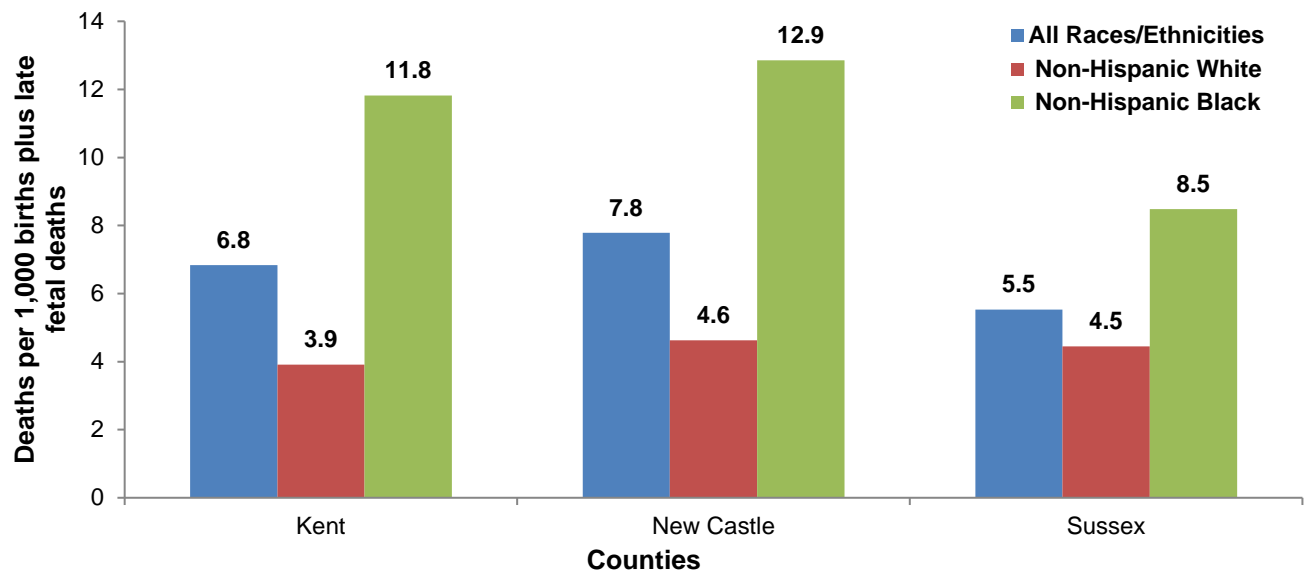
Figure 24. Five-year Fetal, Perinatal, and Infant Mortality Rates, Delaware, 2000-2018



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

Non-Hispanic black perinatal mortality rates for 2014-2018 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 12.9 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, 2014-2018

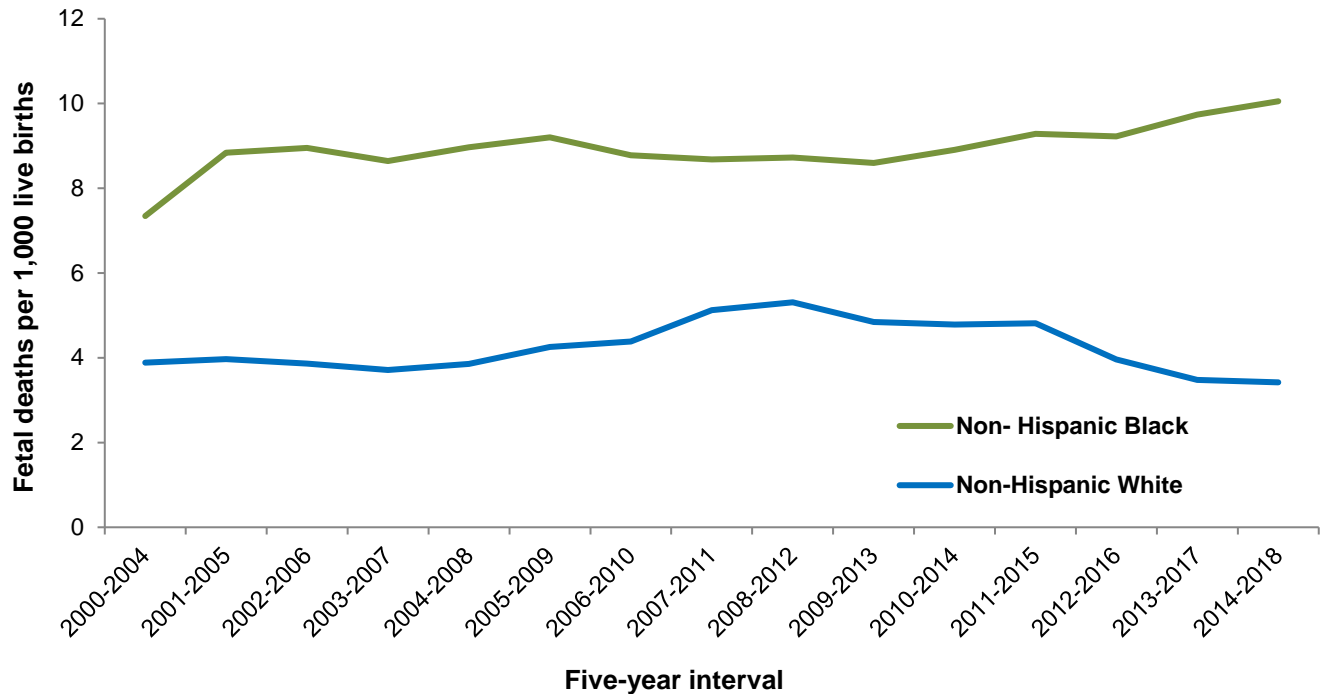


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

FETAL AND PERINATAL DEATHS

In 2018, 59 fetal deaths were reported in Delaware. In 2014-2018, the fetal mortality rate was 5.3 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 2014-2018 they were 197 percent higher than the rate of non-Hispanic white women (10.1 versus 3.4).

Figure 26. Five-year Average Fetal Mortality Rates by Mother's Race Delaware, 2000-2018



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, AND AGE OF WOMAN BY COUNTY, DELAWARE, 2018

Area/ Age	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Delaware	59	16	29	2	12
<20	3	1	1	0	1
20-24	7	1	4	0	2
25-34	42	13	20	2	7
35+	7	1	4	0	2
Unknown	0	0	0	0	0
Kent	13	5	7	0	1
<20	0	0	0	0	0
20-24	2	0	2	0	0
25-34	11	5	5	0	1
35+	0	0	0	0	0
Unknown	0	0	0	0	0
New Castle	37	9	18	2	8
<20	3	1	1	0	1
20-24	4	1	1	0	2
25-34	23	6	12	2	3
35+	7	1	4	0	2
Unknown	0	0	0	0	0
Sussex	9	2	4	0	3
<20	0	0	0	0	0
20-24	1	0	1	0	0
25-34	8	2	3	0	3
35+	0	0	0	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 FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN, DELAWARE, 2018

Education	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Total	59	16	29	2	12
<9	3	1	0	0	2
9 to 11	6	3	1	0	2
H.S. Grad	26	7	15	0	4
1 to 3 College	9	0	7	1	1
4+ College	11	3	4	1	3
Unknown	4	2	2	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, AND MARITAL STATUS OF WOMAN BY COUNTY, DELAWARE, 2018

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Delaware	59	16	29	2	12
Married	19	4	9	1	5
Single	40	12	20	1	7
Kent	13	5	7	0	1
Married	2	0	1	0	1
Single	11	5	6	0	0
New Castle	37	9	18	2	8
Married	16	4	8	1	3
Single	21	5	10	1	5
Sussex	9	2	4	0	3
Married	1	0	0	0	1
Single	8	2	4	0	2

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, 2018

Area/ Weight	Race				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic
Delaware	59	16	29	2	12
<500	9	1	7	0	1
500-749	8	3	5	0	0
750-999	5	0	3	0	2
1000-1499	10	5	2	1	2
1500-1999	6	1	3	0	2
2000-2499	9	2	6	0	1
2500+	11	4	2	1	4
Unknown	1	0	1	0	0
Kent	13	5	7	0	1
<500	3	1	2	0	0
500-749	1	0	1	0	0
750-999	0	0	0	0	0
1000-1499	3	2	1	0	0
1500-1999	3	1	1	0	1
2000-2499	0	0	0	0	0
2500+	2	1	1	0	0
Unknown	1	0	1	0	0
New Castle	37	9	18	2	8
<500	3	0	3	0	0
500-749	6	2	4	0	0
750-999	5	0	3	0	2
1000-1499	5	2	1	1	1
1500-1999	3	0	2	0	1
2000-2499	8	2	5	0	1
2500+	7	3	0	1	3
Unknown	0	0	0	0	0
Sussex	9	2	4	0	3
<500	3	0	2	0	1
500-749	1	1	0	0	0
750-999	0	0	0	0	0
1000-1499	2	1	0	0	1
1500-1999	0	0	0	0	0
2000-2499	1	0	1	0	0
2500+	2	0	1	0	1
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, 2018

Area/ Age	Race				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic
Delaware	59	16	29	2	12
<20 Weeks	1	0	1	0	0
20-24 Weeks	13	3	9	0	1
25-29 Weeks	13	4	7	0	2
30-34 Weeks	17	5	6	1	5
35-39 Weeks	14	3	6	1	4
40+ Weeks	1	1	0	0	0
Unknown	0	0	0	0	0
Kent	13	5	7	0	1
<20 Weeks	0	0	0	0	0
20-24 Weeks	3	0	3	0	0
25-29 Weeks	2	2	0	0	0
30-34 Weeks	5	2	3	0	0
35-39 Weeks	3	1	1	0	1
40+ Weeks	0	0	0	0	0
Unknown	0	0	0	0	0
New Castle	37	9	18	2	8
<20 Weeks	1	0	1	0	0
20-24 Weeks	7	3	4	0	0
25-29 Weeks	9	0	7	0	2
30-34 Weeks	10	3	3	1	3
35-39 Weeks	9	2	3	1	3
40+ Weeks	1	1	0	0	0
Unknown	0	0	0	0	0
Sussex	9	2	4	0	3
<20 Weeks	0	0	0	0	0
20-24 Weeks	3	0	2	0	1
25-29 Weeks	2	2	0	0	0
30-34 Weeks	2	0	0	0	2
35-39 Weeks	2	0	2	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

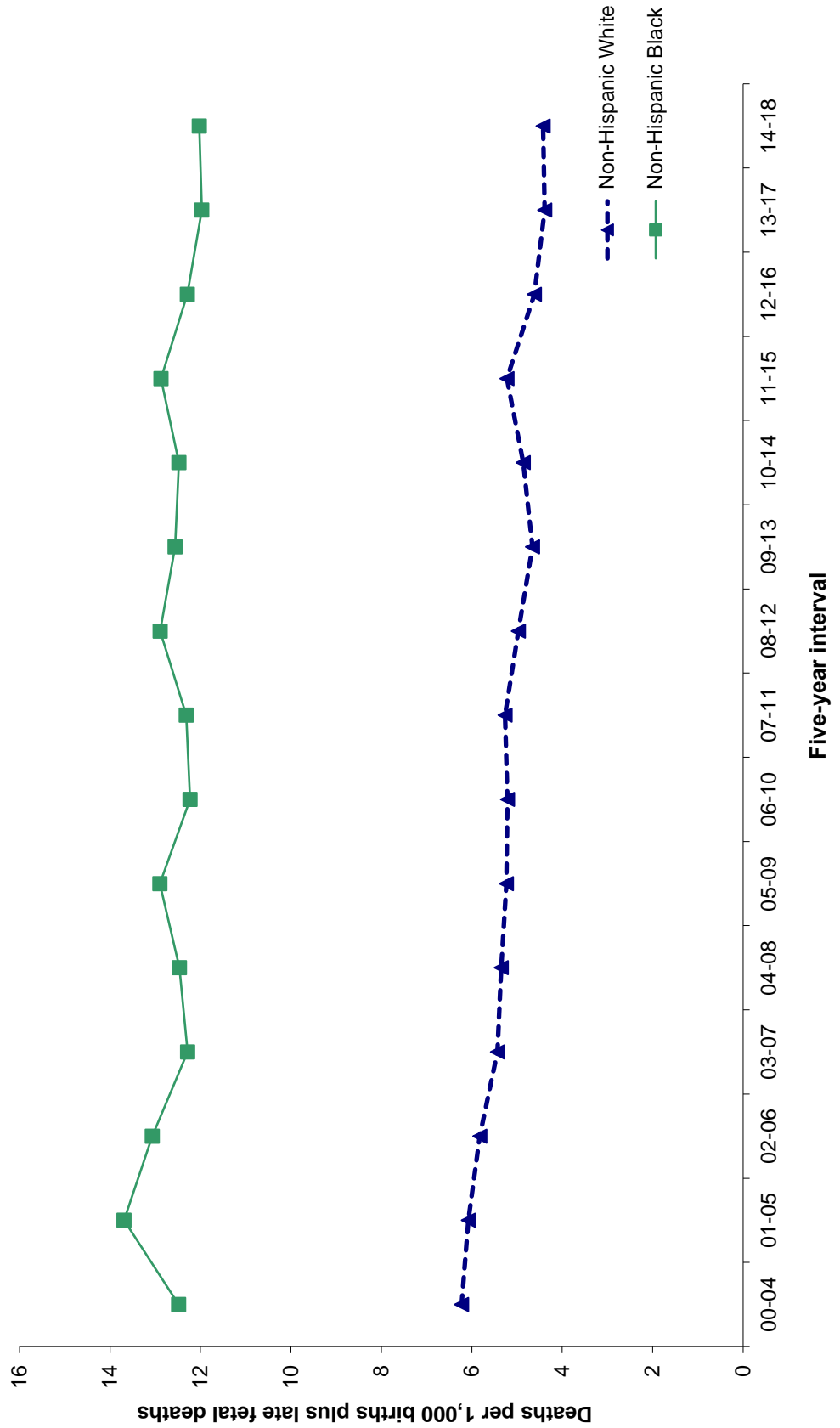
TABLE D-16. FIVE-YEAR AVERAGE PERINATAL MORTALITY RATES BY RACE AND COUNTY, DELAWARE, 2000-2018

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	2014 -2018
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	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	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	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	6.8
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	3.9
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	11.8
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	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	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	12.9
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	5.5
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	4.5
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	8.5

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- 2018



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, 2018

Characteristic	Number	Percent	Characteristic	Number	Percent
Total	1740	100.0%	Marital Status		
Place of Residence			Married	214	12.3%
Delaware	1504	86.4%	Single	1526	87.7%
Kent	323	18.6%	Unknown	0	0.0%
New Castle	942	54.1%	Weeks of Gestation		
Sussex	239	13.7%	<7 Weeks	314	18.0%
Maryland	107	6.1%	7 Weeks	309	17.8%
New Jersey	23	1.3%	8 Weeks	257	14.8%
Pennsylvania	93	5.3%	9-10 Weeks	453	26.0%
Other State	13	0.7%	11-12 Weeks	197	11.3%
Age			13-15 Weeks	168	9.7%
<15	4	0.2%	16-20 Weeks	31	1.8%
15-17	72	4.1%	21+ Weeks	9	0.5%
18-19	129	7.4%	Unknown	2	0.1%
20-24	516	29.7%	Type of Procedure		
25-29	473	27.2%	Suction Curettage	905	52.0%
30-34	314	18.0%	Medical (Nonsurgical)	831	47.8%
35-39	175	10.1%	Intrauterine Installation	0	0.0%
40+	57	3.3%	Other	1	0.1%
Unknown	0	0.0%	Unknown	3	0.2%
Race			Previous Pregnancies		
White	862	49.5%	None	563	32.4%
Black	783	45.0%	1	356	20.5%
American Indian	2	0.1%	2	270	15.5%
Asian and Pacific Islander	36	2.1%	3+	547	31.4%
Other Races	57	3.3%	Unknown	4	0.2%
Unknown	0		Previous Live Births		
Hispanic Origin			None	763	43.9%
Yes	193	11.1%	1	421	24.2%
No	1535	88.2%	2	313	18.0%
Unknown	12	0.7%	3+	242	13.9%
Level of Education			Unknown	1	0.1%
<9	27	1.6%	Previous Induced Abortions		
9-11	134	7.7%	None	1101	63.3%
H.S. Graduate	892	51.3%	1	406	23.3%
1 to 3 College	298	17.1%	2	151	8.7%
4+ College	231	13.3%	3+	76	4.4%
Unknown	158	9.1%	Unknown	6	0.3%

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, 2018

Place of Residence/ Race	Total		Age												Unknown	
	Number	Percent	<18		18-19		20-24		25-29		30-34		35+		Number	Percent
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
All Terminations	1,547	100.0	61	3.9	112	7.2	460	29.7	426	27.5	283	18.3	205	13.3	0	0.0
Non-Hispanic White	747	100.0	27	3.6	49	6.6	210	28.1	218	29.2	145	19.4	98	13.1	0	0.0
Non-Hispanic Black	729	100.0	32	4.4	59	8.1	225	30.9	200	27.4	119	16.3	94	12.9	0	0.0
Non-Hispanic Other	71	100.0	2	2.8	4	5.6	25	35.2	8	11.3	19	26.8	13	18.3	0	0.0
Delaware	1,336	100.0	50	3.7	91	6.8	394	29.5	371	27.8	255	19.1	175	13.1	0	0.0
Non-Hispanic White	609	100.0	19	3.1	37	6.1	173	28.4	178	29.2	123	20.2	79	13.0	0	0.0
Non-Hispanic Black	664	100.0	30	4.5	50	7.5	199	30.0	187	28.2	113	17.0	85	12.8	0	0.0
Non-Hispanic Other	63	100.0	1	1.6	4	6.3	22	34.9	6	9.5	19	30.2	11	17.5	0	0.0
Kent	299	100.0	12	4.0	22	7.4	94	31.4	77	25.8	59	19.7	35	11.7	0	0.0
Non-Hispanic White	131	100.0	5	3.8	8	6.1	41	31.3	40	30.5	27	20.6	10	7.6	0	0.0
Non-Hispanic Black	156	100.0	6	3.8	11	7.1	49	31.4	36	23.1	31	19.9	23	14.7	0	0.0
Non-Hispanic Other	12	100.0	1	8.3	3	25.0	4	33.3	1	8.3	1	8.3	2	16.7	0	0.0
New Castle	836	100.0	33	3.9	58	6.9	237	28.3	235	28.1	158	18.9	115	13.8	0	0.0
Non-Hispanic White	344	100.0	9	2.6	19	5.5	95	27.6	98	28.5	71	20.6	52	15.1	0	0.0
Non-Hispanic Black	448	100.0	24	5.4	38	8.5	129	28.8	133	29.7	70	15.6	54	12.1	0	0.0
Non-Hispanic Other	44	100.0	0	0.0	1	2.3	13	29.5	4	9.1	17	38.6	9	20.5	0	0.0
Sussex	201	100.0	5	2.5	11	5.5	63	31.3	59	29.4	38	18.9	25	12.4	0	0.0
Non-Hispanic White	134	100.0	5	3.7	10	7.5	37	27.6	40	29.9	25	18.7	17	12.7	0	0.0
Non-Hispanic Black	60	100.0	0	0.0	1	1.7	21	35.0	18	30.0	12	20.0	8	13.3	0	0.0
Non-Hispanic Other	7	100.0	0	0.0	0	0.0	5	71.4	1	14.3	1	14.3	0	0.0	0	0.0
Other State	211	100.0	11	5.2	21	10.0	66	31.3	55	26.1	28	13.3	30	14.2	0	0.0
Non-Hispanic White	138	100.0	8	5.8	12	8.7	37	26.8	40	29.0	22	15.9	19	13.8	0	0.0
Non-Hispanic Black	65	100.0	2	3.1	9	13.8	26	40.0	13	20.0	6	9.2	9	13.8	0	0.0
Non-Hispanic Other	8	100.0	1	12.5	0	0.0	3	37.5	2	25.0	0	0.0	2	25.0	0	0.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of 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, 2018

Place of Residence/ Weeks	Age								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
All Terminations	1,740	4	72	129	516	473	314	175	57
<7 Weeks	314	0	10	18	90	89	54	31	22
7 Weeks	309	0	12	25	88	86	61	34	3
8 Weeks	257	0	7	15	85	77	43	20	10
9-10 Weeks	453	0	14	32	140	118	83	52	14
11-12 Weeks	197	1	11	20	60	53	34	16	2
13-15 Weeks	168	2	15	16	49	41	29	13	3
16-20 Weeks	31	0	3	2	3	5	8	8	2
21+ Weeks	9	1	0	1	0	3	2	1	1
Unknown	2	0	0	0	1	1	0	0	0
Delaware	1,504	4	58	104	442	413	283	152	48
<7 Weeks	255	0	9	12	75	69	43	27	20
7 Weeks	260	0	11	16	76	73	54	28	2
8 Weeks	225	0	7	13	71	68	39	17	10
9-10 Weeks	399	0	7	28	122	109	77	46	10
11-12 Weeks	176	1	10	18	50	48	32	15	2
13-15 Weeks	153	2	12	15	45	39	28	10	2
16-20 Weeks	26	0	2	1	2	4	8	8	1
21+ Weeks	8	1	0	1	0	2	2	1	1
Unknown	2	0	0	0	1	1	0	0	0
Kent	323	1	12	24	98	87	63	34	4
<7 Weeks	56	0	4	2	17	16	10	5	2
7 Weeks	61	0	1	6	19	17	11	7	0
8 Weeks	40	0	0	4	15	11	5	5	0
9-10 Weeks	86	0	2	6	24	25	18	9	2
11-12 Weeks	39	1	1	3	9	8	11	6	0
13-15 Weeks	36	0	3	2	14	10	5	2	0
16-20 Weeks	5	0	1	1	0	0	3	0	0
21+ Weeks	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
New Castle	942	3	37	67	267	259	177	97	35
<7 Weeks	150	0	2	7	43	37	28	18	15
7 Weeks	158	0	8	8	44	49	32	15	2
8 Weeks	146	0	6	8	45	44	25	11	7
9-10 Weeks	262	0	4	21	78	73	50	31	5
11-12 Weeks	112	0	9	10	33	30	20	8	2
13-15 Weeks	86	2	7	12	22	21	15	5	2
16-20 Weeks	20	0	1	0	1	4	5	8	1
21+ Weeks	6	1	0	1	0	0	2	1	1
Unknown	2	0	0	0	1	1	0	0	0
Sussex	239	0	9	13	77	67	43	21	9
<7 Weeks	49	0	3	3	15	16	5	4	3
7 Weeks	41	0	2	2	13	7	11	6	0
8 Weeks	39	0	1	1	11	13	9	1	3
9-10 Weeks	51	0	1	1	20	11	9	6	3
11-12 Weeks	25	0	0	5	8	10	1	1	0
13-15 Weeks	31	0	2	1	9	8	8	3	0
16-20 Weeks	1	0	0	0	1	0	0	0	0
21+ Weeks	2	0	0	0	0	2	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Other State	236	0	14	25	74	60	31	23	9
<7 Weeks	59	0	1	6	15	20	11	4	2
7 Weeks	49	0	1	9	12	13	7	6	1
8 Weeks	32	0	0	2	14	9	4	3	0
9-10 Weeks	54	0	7	4	18	9	6	6	4
11-12 Weeks	21	0	1	2	10	5	2	1	0
13-15 Weeks	15	0	3	1	4	2	1	3	1
16-20 Weeks	5	0	1	1	1	1	0	0	1
21+ Weeks	1	0	0	0	0	1	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, 2018

Place of Residence/ Age	Number of Previous Pregnancies					Not Stated
	Total	None	1	2	3+	
All Terminations	1,740	563	356	270	547	4
<20	205	170	30	4	1	0
20-24	516	238	142	78	57	1
25-29	473	101	103	81	186	2
30-34	314	31	61	65	156	1
35-39	175	16	13	32	114	0
40+	57	7	7	10	33	0
Unknown	0	0	0	0	0	0
Delaware	1,504	464	305	240	491	4
<20	166	135	27	3	1	0
20-24	442	201	117	71	52	1
25-29	413	83	89	73	166	2
30-34	283	26	54	59	143	1
35-39	152	13	13	25	101	0
40+	48	6	5	9	28	0
Unknown	0	0	0	0	0	0
Kent	323	104	62	50	106	1
<20	37	30	7	0	0	0
20-24	98	52	23	13	10	0
25-29	87	16	21	17	32	1
30-34	63	6	9	14	34	0
35-39	34	0	2	5	27	0
40+	4	0	0	1	3	0
Unknown	0	0	0	0	0	0
New Castle	942	287	196	146	310	3
<20	107	89	16	1	1	0
20-24	267	118	78	42	28	1
25-29	259	49	55	47	107	1
30-34	177	16	36	32	92	1
35-39	97	10	6	16	65	0
40+	35	5	5	8	17	0
Unknown	0	0	0	0	0	0
Sussex	239	73	47	44	75	0
<20	22	16	4	2	0	0
20-24	77	31	16	16	14	0
25-29	67	18	13	9	27	0
30-34	43	4	9	13	17	0
35-39	21	3	5	4	9	0
40+	9	1	0	0	8	0
Unknown	0	0	0	0	0	0
Other State	236	99	51	30	56	0
<20	39	35	3	1	0	0
20-24	74	37	25	7	5	0
25-29	60	18	14	8	20	0
30-34	31	5	7	6	13	0
35-39	23	3	0	7	13	0
40+	9	1	2	1	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, 2018

Place of Residence/ Age	Number of Previous Live Births					
	Total	None	1	2	3+	Not Stated
All Terminations	1,740	763	421	313	242	1
<20	205	184	19	1	1	0
20-24	516	310	145	50	11	0
25-29	473	170	125	106	71	1
30-34	314	66	90	86	72	0
35-39	175	24	23	56	72	0
40+	57	9	19	14	15	0
Unknown	0	0	0	0	0	0
Delaware	1,504	628	373	281	221	1
<20	166	146	18	1	1	0
20-24	442	259	125	47	11	0
25-29	413	142	113	94	63	1
30-34	283	56	80	78	69	0
35-39	152	17	21	49	65	0
40+	48	8	16	12	12	0
Unknown	0	0	0	0	0	0
Kent	323	142	72	65	43	1
<20	37	32	5	0	0	0
20-24	98	66	22	7	3	0
25-29	87	30	24	23	9	1
30-34	63	14	15	20	14	0
35-39	34	0	4	14	16	0
40+	4	0	2	1	1	0
Unknown	0	0	0	0	0	0
New Castle	942	391	232	180	139	0
<20	107	95	10	1	1	0
20-24	267	157	73	30	7	0
25-29	259	88	71	58	42	0
30-34	177	31	55	49	42	0
35-39	97	13	11	32	41	0
40+	35	7	12	10	6	0
Unknown	0	0	0	0	0	0
Sussex	239	95	69	36	39	0
<20	22	19	3	0	0	0
20-24	77	36	30	10	1	0
25-29	67	24	18	13	12	0
30-34	43	11	10	9	13	0
35-39	21	4	6	3	8	0
40+	9	1	2	1	5	0
Unknown	0	0	0	0	0	0
Other State	236	135	48	32	21	0
<20	39	38	1	0	0	0
20-24	74	51	20	3	0	0
25-29	60	28	12	12	8	0
30-34	31	10	10	8	3	0
35-39	23	7	2	7	7	0
40+	9	1	3	2	3	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 LIVE BIRTHS, DELAWARE, 2018

Place of Residence/ Age	Number of Previous Induced Terminations					
	Total	None	1	2	3+	Not Stated
All Terminations	1,740	1,101	406	151	76	6
<20	205	193	12	0	0	0
20-24	516	387	96	27	5	1
25-29	473	255	139	55	23	1
30-34	314	148	100	39	24	3
35-39	175	92	39	23	20	1
40+	57	26	20	7	4	0
Unknown	0	0	0	0	0	0
Delaware	1,504	947	345	136	71	5
<20	166	158	8	0	0	0
20-24	442	333	79	24	5	1
25-29	413	219	120	52	21	1
30-34	283	134	90	33	23	3
35-39	152	81	33	20	18	0
40+	48	22	15	7	4	0
Unknown	0	0	0	0	0	0
Kent	323	207	73	34	9	0
<20	37	35	2	0	0	0
20-24	98	78	15	4	1	0
25-29	87	52	21	12	2	0
30-34	63	25	24	10	4	0
35-39	34	17	9	6	2	0
40+	4	0	2	2	0	0
Unknown	0	0	0	0	0	0
New Castle	942	583	215	84	55	5
<20	107	103	4	0	0	0
20-24	267	199	50	15	2	1
25-29	259	130	77	34	17	1
30-34	177	84	55	18	17	3
35-39	97	50	18	13	16	0
40+	35	17	11	4	3	0
Unknown	0	0	0	0	0	0
Sussex	239	157	57	18	7	0
<20	22	20	2	0	0	0
20-24	77	56	14	5	2	0
25-29	67	37	22	6	2	0
30-34	43	25	11	5	2	0
35-39	21	14	6	1	0	0
40+	9	5	2	1	1	0
Unknown	0	0	0	0	0	0
Other State	236	154	61	15	5	1
<20	39	35	4	0	0	0
20-24	74	54	17	3	0	0
25-29	60	36	19	3	2	0
30-34	31	14	10	6	1	0
35-39	23	11	6	3	2	1
40+	9	4	5	0	0	0
Unknown	0	0	0	0	0	0

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

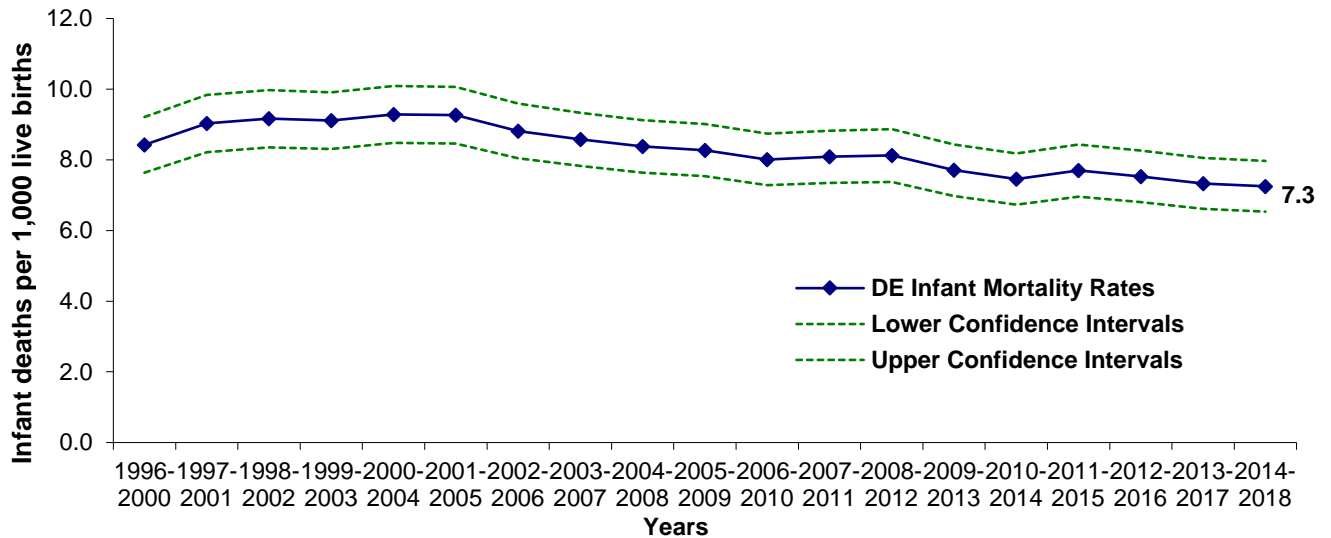
The background of the slide consists of several parallel, diagonal grey lines that run from the top-left towards the bottom-right. These lines are evenly spaced and create a textured, grid-like appearance.

Infant Mortality

INFANT MORTALITY

In 2014-2018, 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.

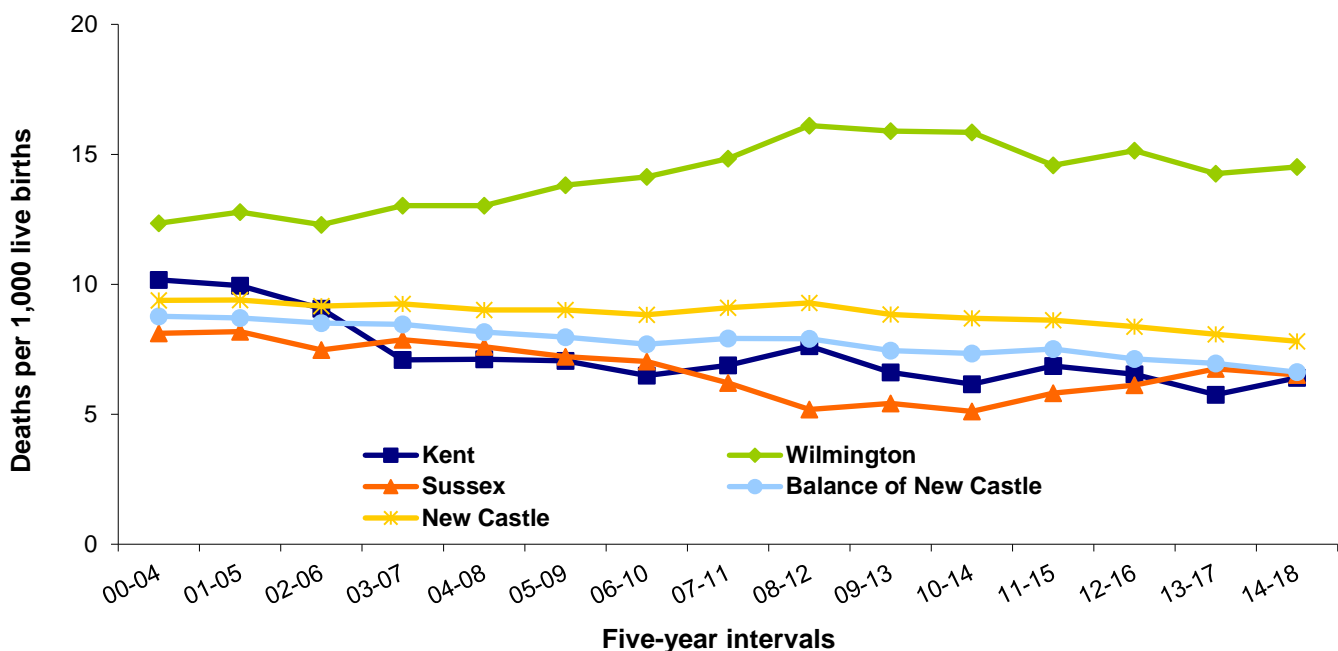
Figure 27. Five-year Average Infant Mortality Rates with Confidence Intervals, Delaware, 1996-2018



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 high 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 7.8 infant deaths per 1,000 live births. In 2014-2018 Kent County's IMR remained the lowest at 6.4 infant deaths per 1,000 live births. During the same time period the balance of New Castle County's IMR was 6.6 infant deaths per 1,000 live births; Wilmington's IMR was 14.5 infant deaths per 1,000 live births; and Sussex County's IMR was 6.5 infant deaths per 1,000 live births.

Figure 28. Five-year Average Infant Mortality Rates, Delaware Counties and City of Wilmington, Delaware, 2000-2018

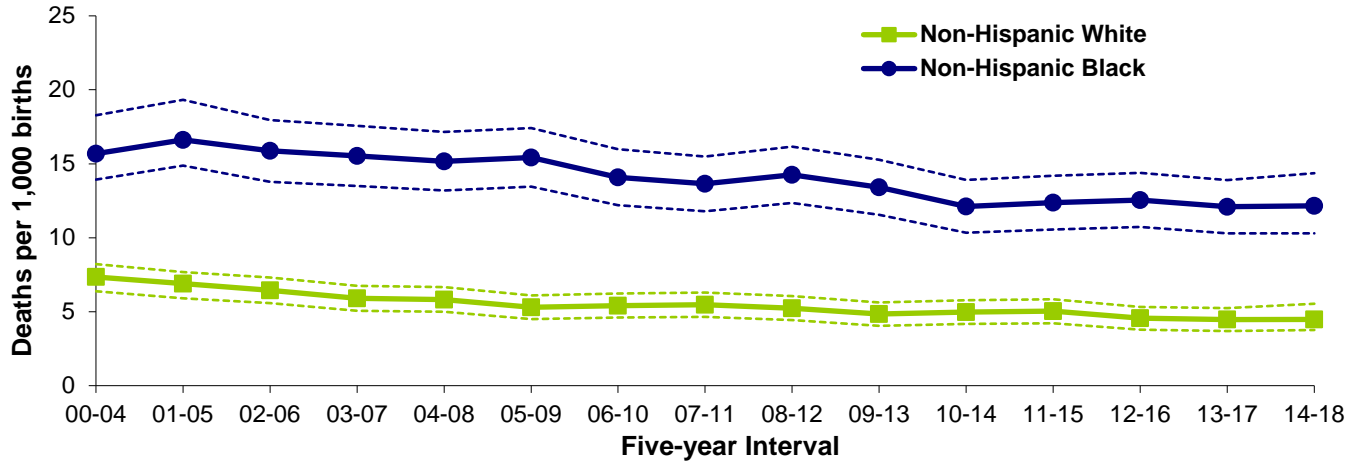


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY

Non-Hispanic black infants experienced a lower percentage of decrease in mortality rates than non-Hispanic white infants. In 2014-2018 the non-Hispanic black IMR of 12.2 infant deaths per 1,000 live births was a 22 percent decrease from the 15.7 rate in 2000-2004. Non-Hispanic white IMR decreased 39 percent from 7.3 in 2000-2004 to 4.5 infant deaths per 1,000 live births in 2014-2018.

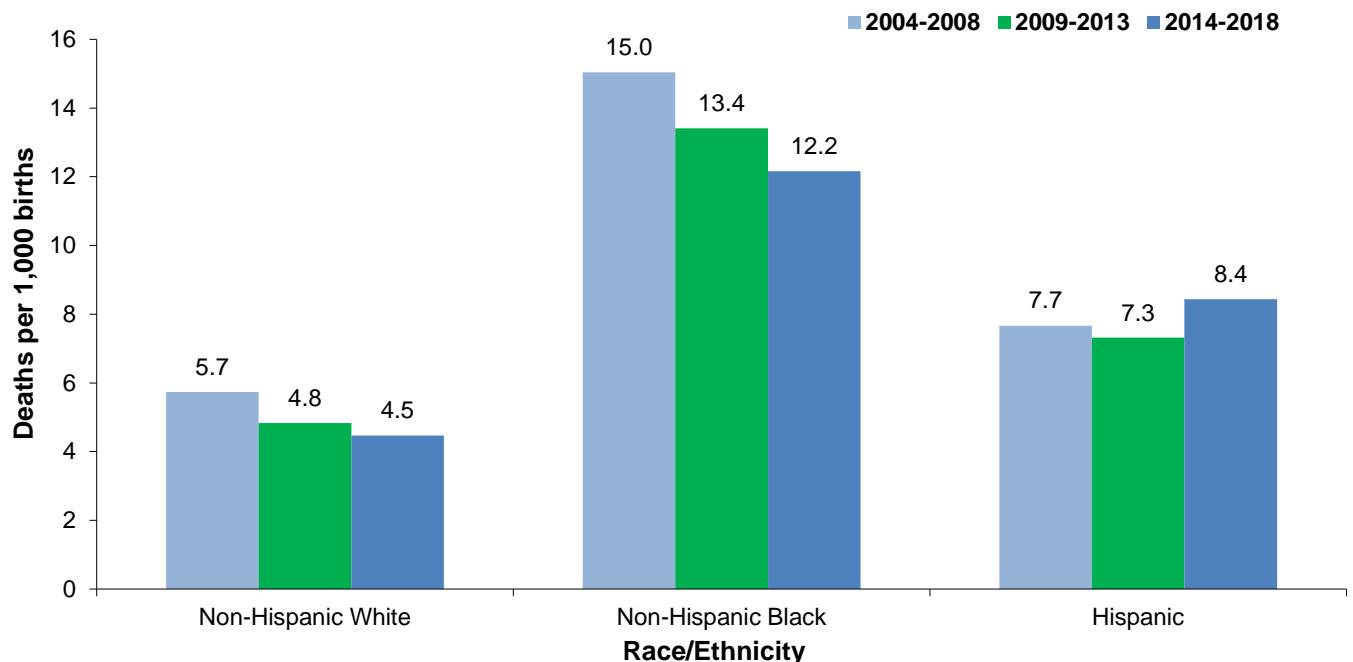
Figure 29. Five-year Average Infant Mortality Rates by Race with Confidence Intervals, Delaware, 2000-2018



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. Hispanic IMRs were nearly two times higher than the non-Hispanic white IMRs in 2014-2018. Non-Hispanic black IMRs were highest in all three time periods depicted below with the highest rate of 15.0 infant deaths per 1,000 live births in 2004-2008. The non-Hispanic black rate in 2014-2018 was nearly three times that of the non-Hispanic white rate but 1.5 times higher than the Hispanic rate of 8.4 infant deaths per 1,000 live births. From 2004-2008 to 2014-2018 the Hispanic IMR increased nine percent (7.7 to 8.4 infant deaths per 1,000 live births).

Figure 30. Five-year Average Infant Mortality Rates by Race and Hispanic Origin, Delaware 2004-2018

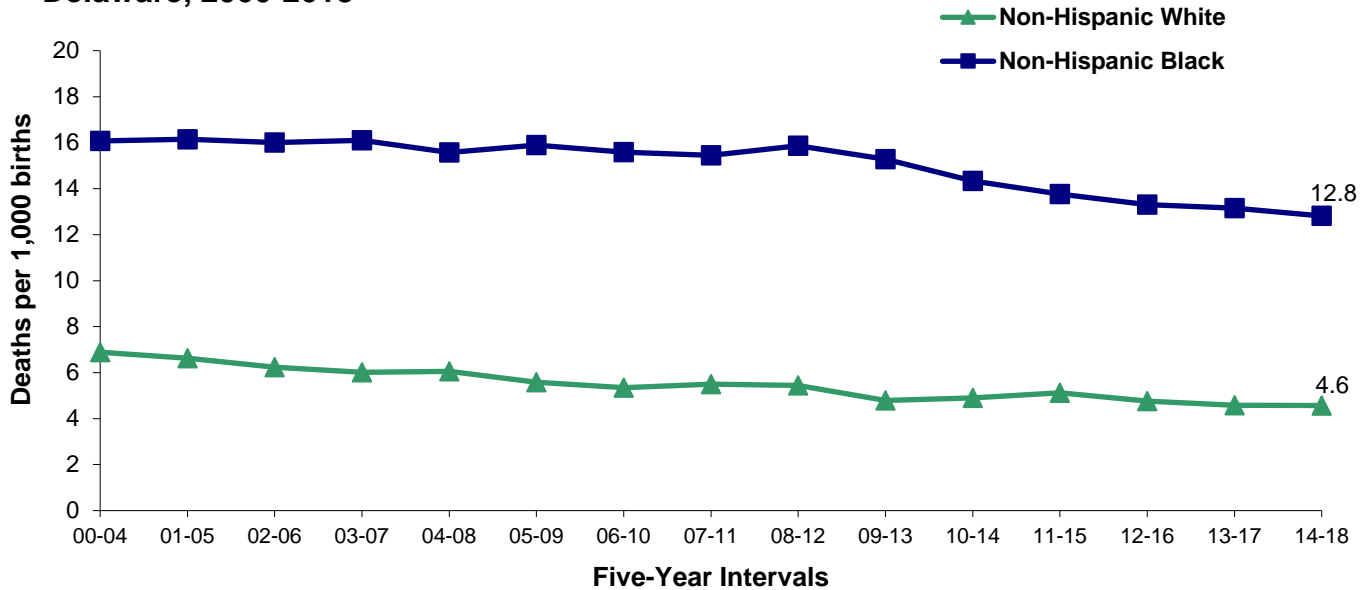


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

In 2014-2018, 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 2012, and decreased the last six time periods to 12.8 infant deaths per 1,000 live births. Disparity between the races is evident in all three counties, with the New Castle non-Hispanic black rate 178% higher than the non-Hispanic white rate for 2014-2018.

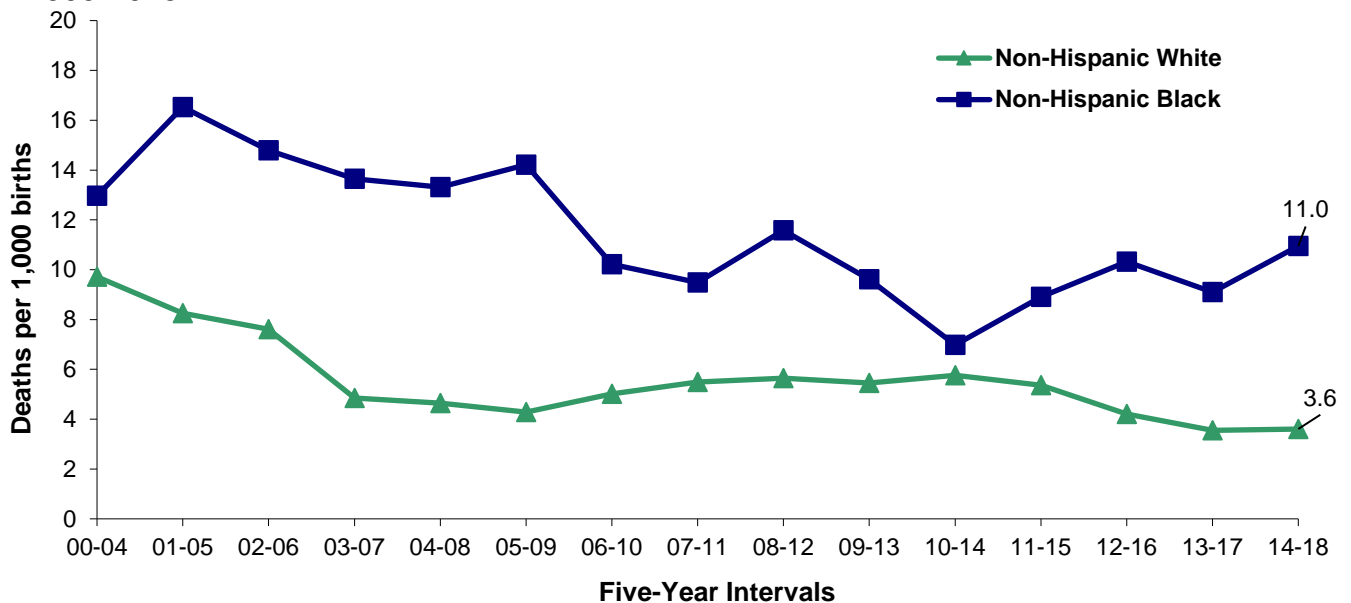
Figure 31. Five-year Average Infant Mortality Rates by Race, New Castle County, Delaware, 2000-2018



Source: Delaware Department of 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 33 percent to 11.0 infant death per 1,000 live births in 2014-2018. The non-Hispanic white IMR had a 63 percent decrease from its peak in 2000-2004 (9.7 to 3.6 infant deaths per 1,000 live births). The non-Hispanic Black IMR was 206 percent higher than the non-Hispanic white IMR.

Figure 32. Five-year Average Infant Mortality Rates by Race, Kent County, Delaware, 2000-2018

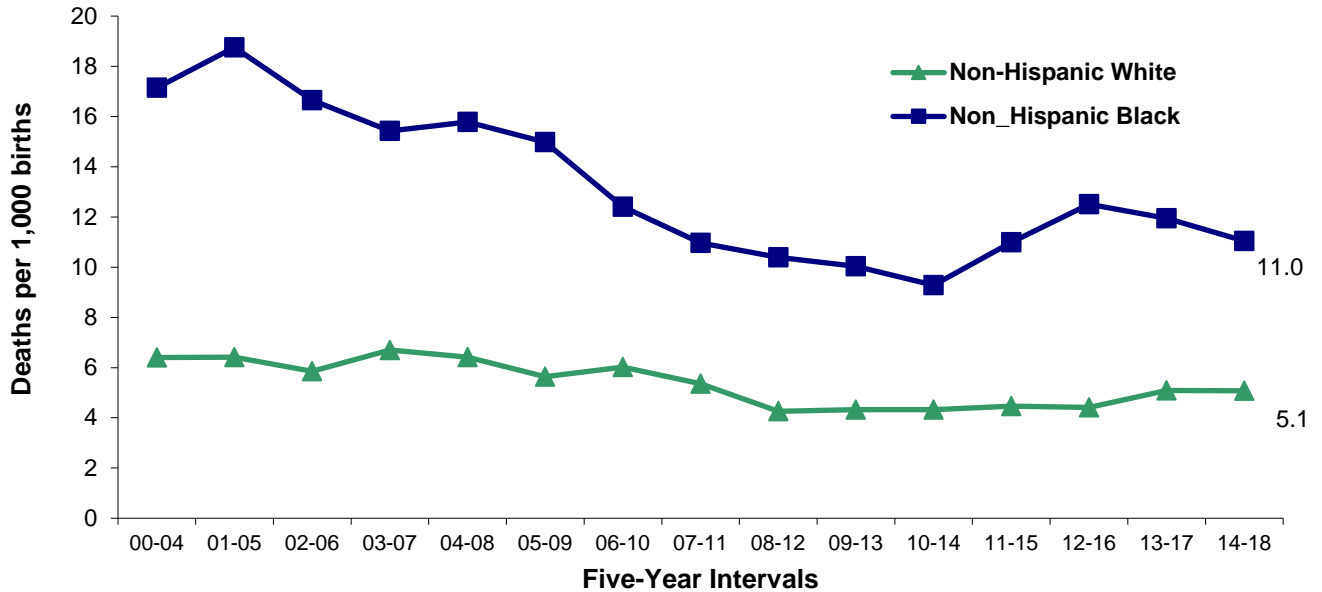


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

Sussex County's non-Hispanic black IMR decreased to 11.0 infant deaths per 1,000 live births in 2014-2018, a 42 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 to 2014-2018 (6.7 to 5.1 infant deaths per 1,000 live births). Sussex County had the smallest disparity between the races with non-Hispanic black IMRs 116 percent higher than non-Hispanic white IMRs in 2014-2018.

Figure 33. Five-year Average Infant Mortality Rates by Race, Sussex County, Delaware, 2000-2018



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

INFANT MORTALITY- Leading Causes of Death

In 2014-2018 there were 395 infant deaths. The five leading causes of infant death in Delaware were:

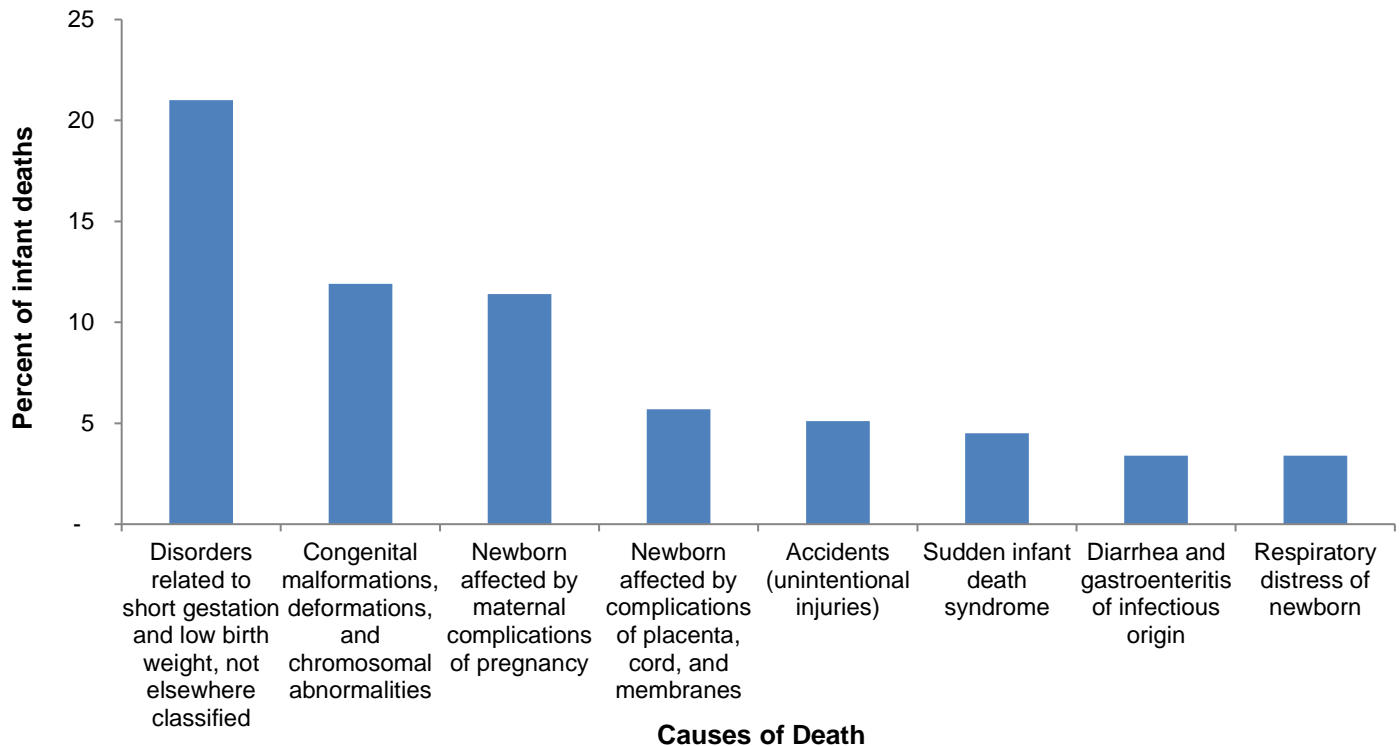
- Disorders related to short gestation and low birthweight, which accounted for 19.5 percent of infant deaths.
- Congenital anomalies (birth defects), which accounted for 15.4 percent of infant deaths.
- Newborns affected by maternal complications of pregnancy, which accounted for 12.2 percent of infant deaths. Of the 48 deaths attributed to this cause, 42 were due to the newborn being affected by incompetent cervix and premature rupture of membranes
- Sudden infant death syndrome (SIDS), which accounted for 4.6 percent of all infant deaths.
- Newborn affected by complications of placenta, cord, and membranes, which accounted for 4.1 percent of infant deaths.

In sum, the five most common causes of infant death accounted for 56 percent, or 220 of the 395 total infant deaths.

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

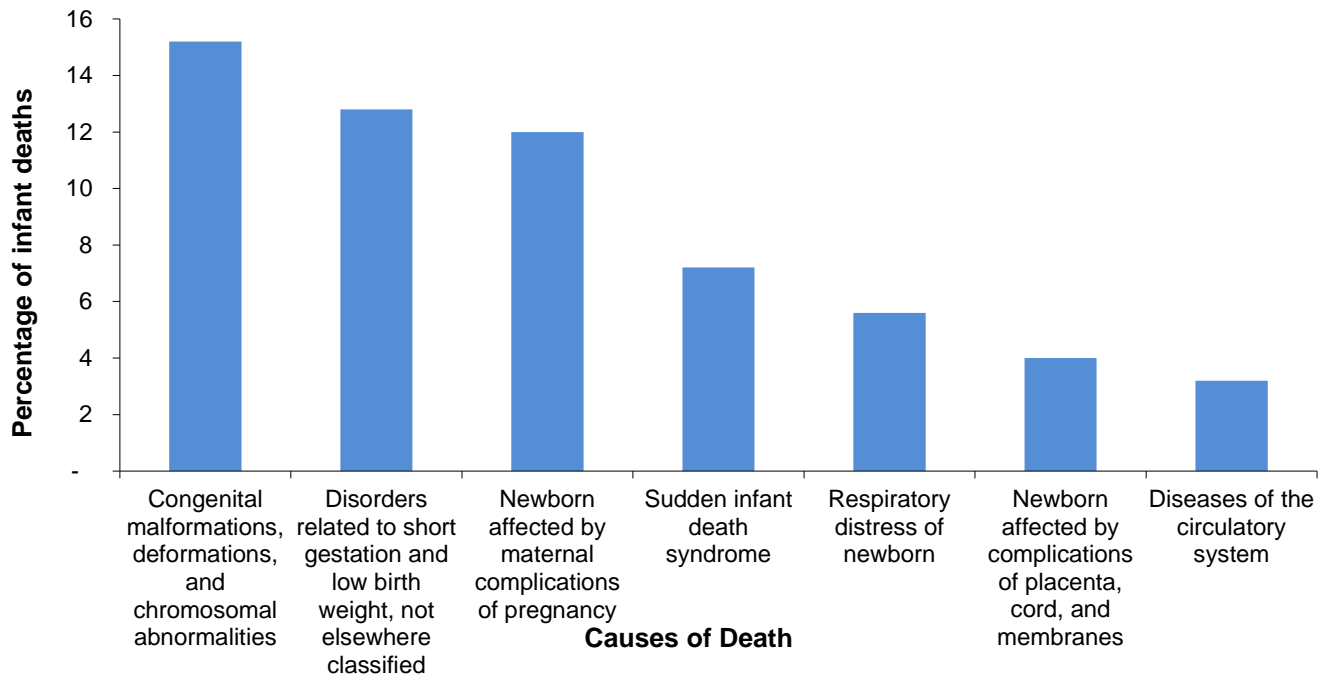
Though the proportions of deaths by race were similar for many of the causes of death, notable exceptions were accidents and disorders due to prematurity and low birthweight. In 2014-2018, while accidents were responsible for one percent of all non-Hispanic white infant deaths, they accounted for five percent of non-Hispanic black infant deaths. In 2014-2018, infant deaths due to disorders related to prematurity and low birthweight also accounted for larger percentages of non-Hispanic black infant deaths (21 percent) than non-Hispanic white infant deaths (13 percent).

Figure 34. Percentage of the Most Frequent Causes of Non-Hispanic Black Infant Death, Delaware, 2014-2018



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 2014-2018

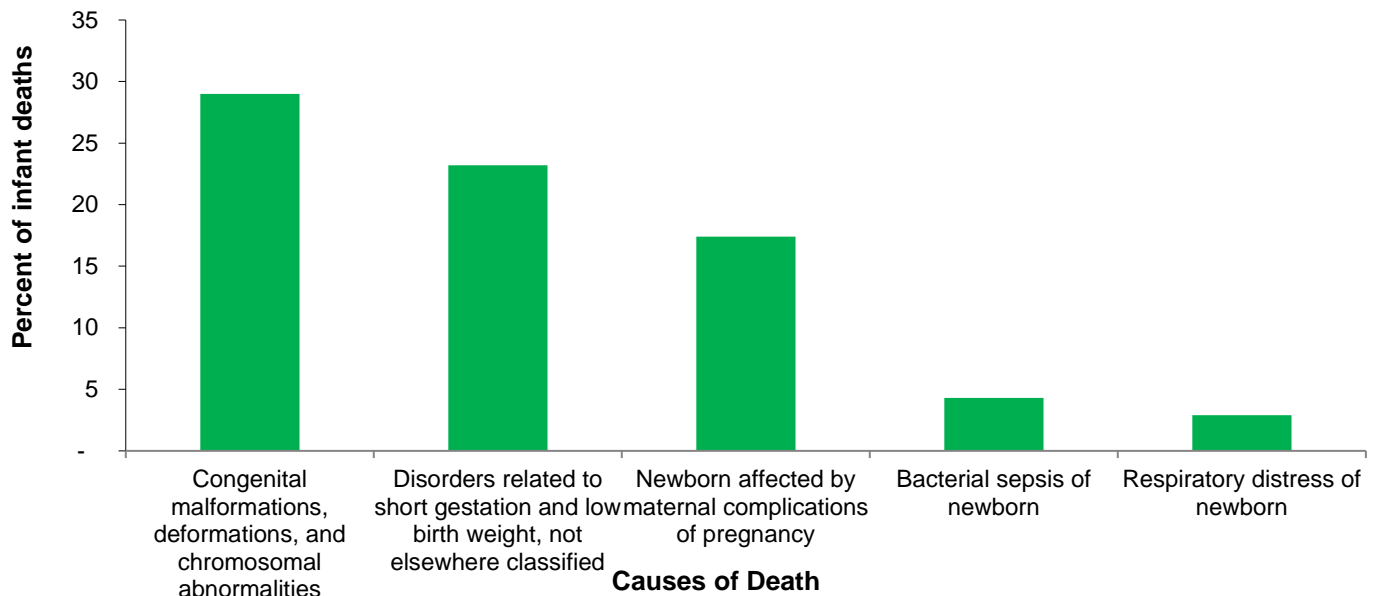


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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, 2014-2018, 15.0 percent of all live births were to Hispanic mothers, and 17.4 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, 2014-2018



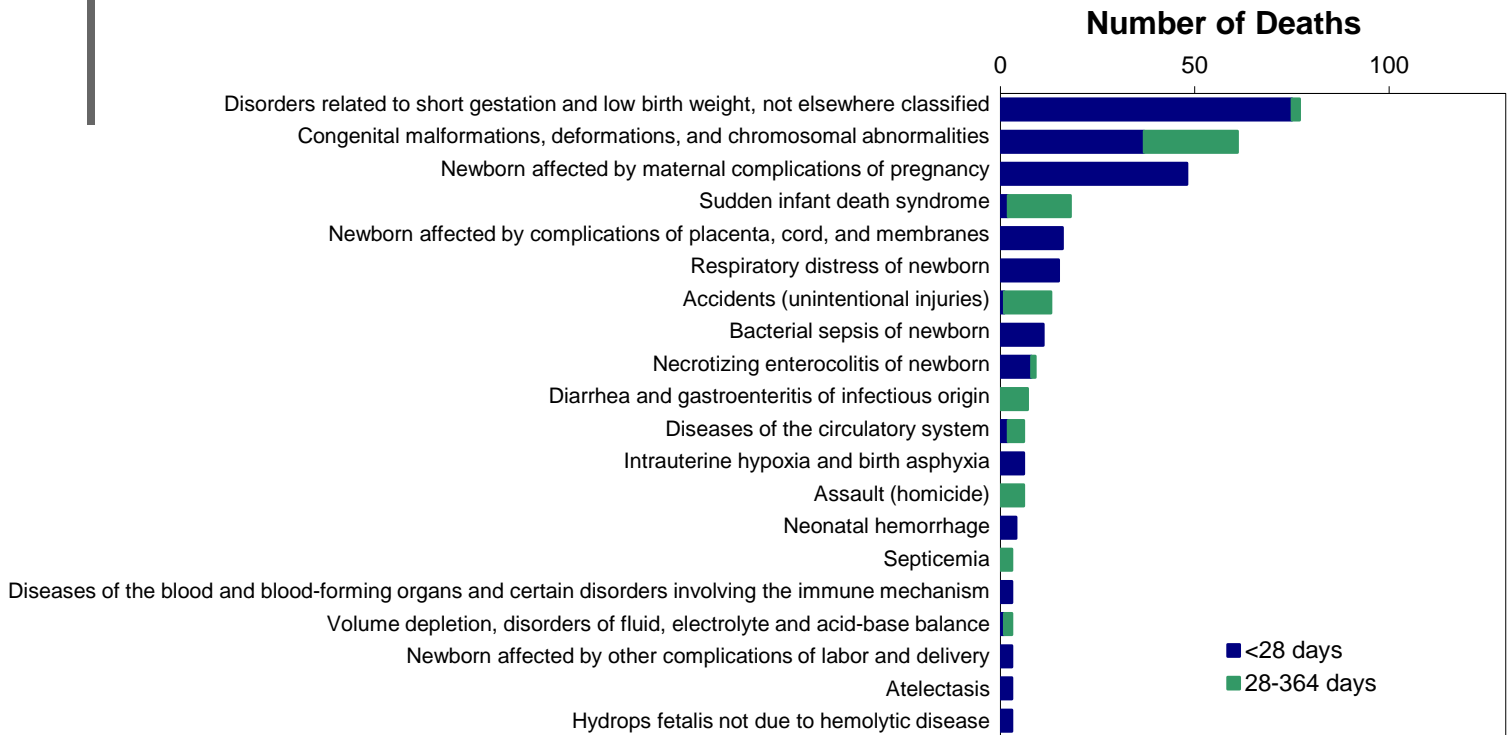
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

In 2014-2018, 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 43 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, 2014-2018



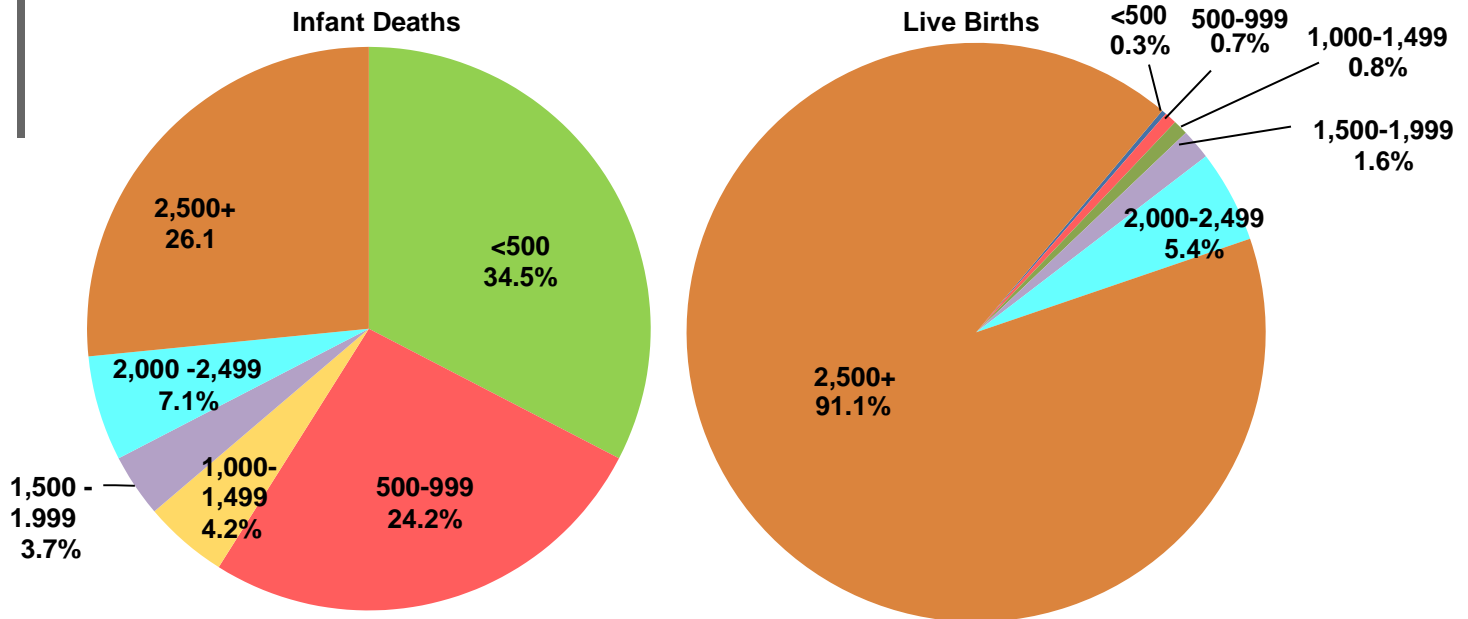
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

- Prematurity and low birthweight accounted for the greatest number of infant deaths in 2014-2018; 97.4 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 84 days. SIDS deaths decreased 63 percent from 2009-2013 to 2014-2018 (48 to 18 SIDS deaths). The number of infant deaths in 2014-2018 (395) decreased 8 percent from the number of infant deaths in 2009-2013 (429).
- Sixty-seven percent (12 out of 18) of the SIDS deaths were associated with co-sleeping and/or sleeping on soft surfaces, such as couches and adult beds.
- In 2014-2018, there were 23 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, 9 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 2013-2017 were infants weighing less than 1,000 grams, they accounted for over half (59 percent) of all infant deaths. In total, 8.8 percent of all live births in 2013-2017 were infants of low birthweight (under 2,500 grams) and 73.7 percent of infant deaths were low birthweight.

Figure 38. Percent Distribution by Birthweight in Grams, Delaware, Live Birth Cohort, 2013-2017

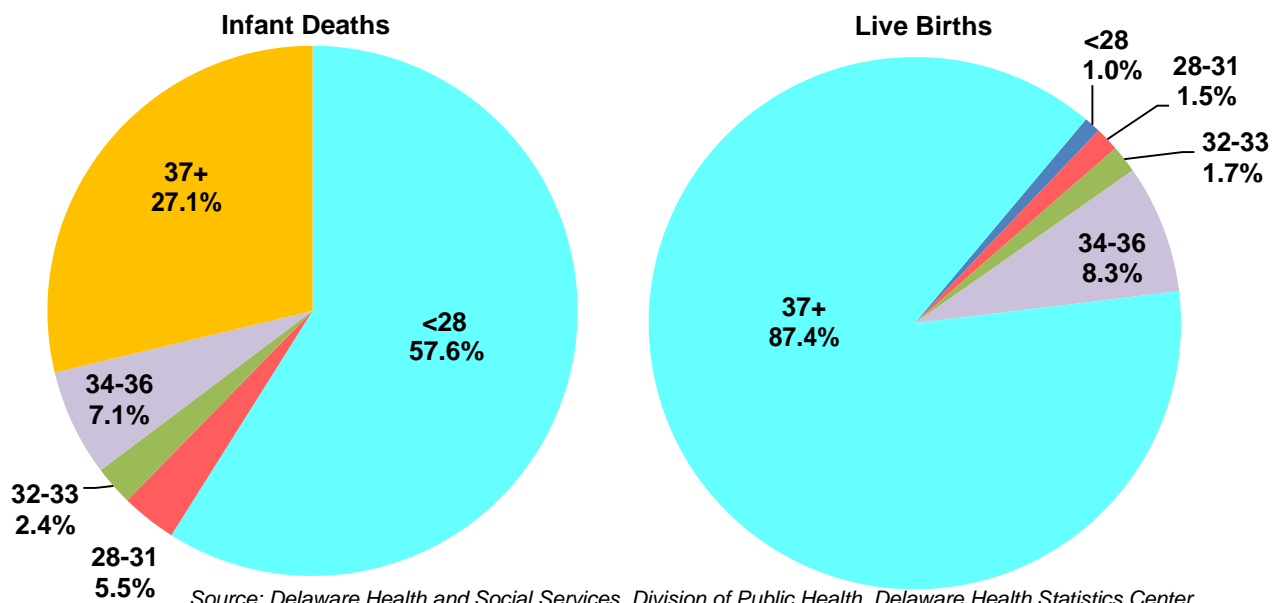


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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 2013-2017 were less than 28 weeks gestation at birth, but they accounted for 57.6 percent of all infant deaths. In total, 12.5 percent of all live births in 2013-2017 were born preterm (<37 weeks of gestation) and 72.6 percent of infant deaths were preterm.

Figure 39. Distribution by Gestation in Weeks, Delaware, Live Birth Cohort, 2013-2017



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

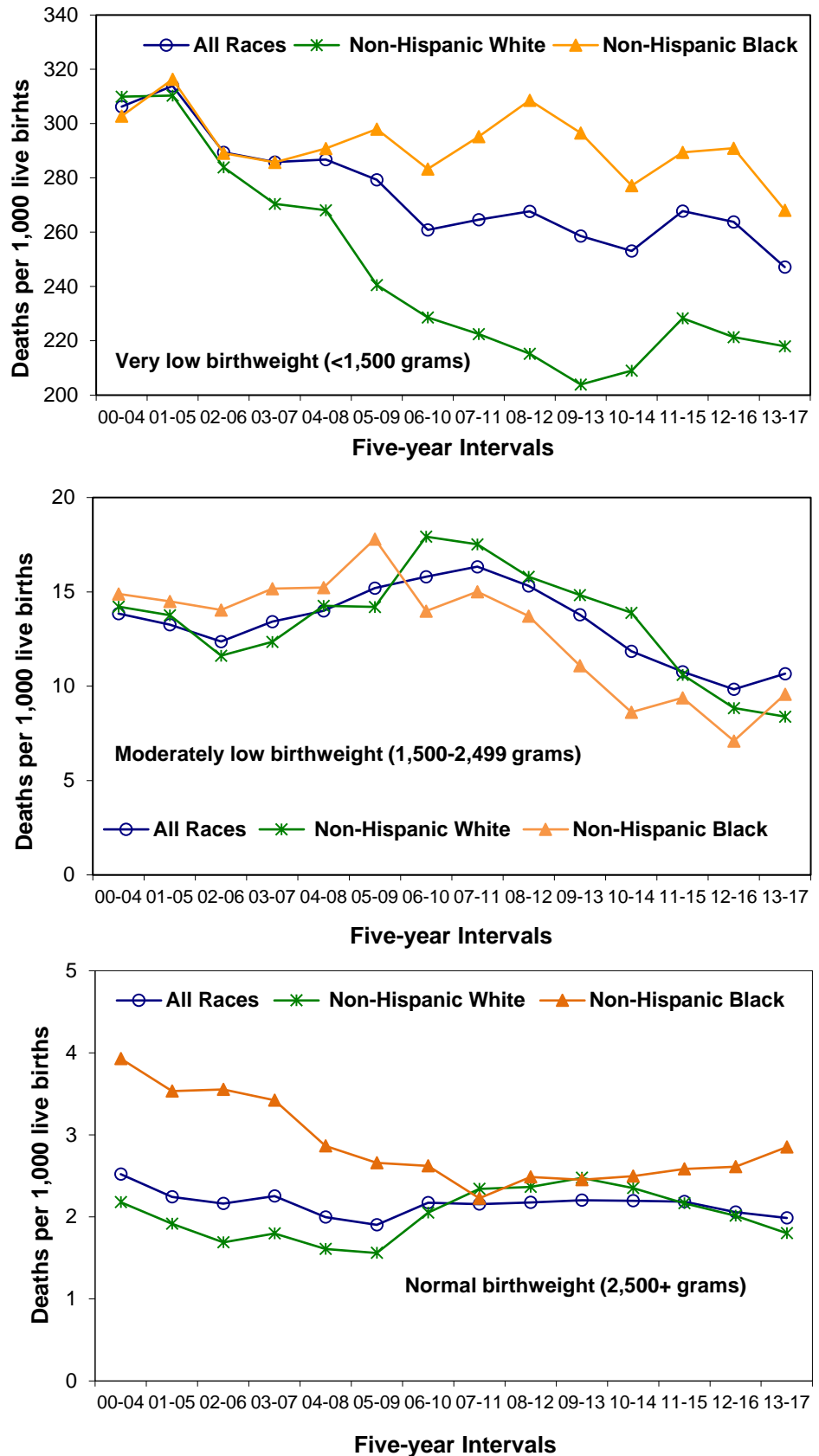
Birthweight and gestation are considered to be the most important predictors of infant health and mortality risk. Infants born too small or too early have a much greater risk of mortality than those who reach a normal birthweight (2,500+ grams) or full-term gestation (37+ weeks).

Although the IMRs decreased for both non-Hispanic white and non-Hispanic black for very low birthweight (VLBW) (<1,500 grams) since 2001-2005, the non-Hispanic black IMR of 268.1 was significantly higher than the non-Hispanic white IMR of 218.0 infant deaths per 1,000 live births in 2013-2017.

IMRs for moderately low birthweight infants of all races decreased 34 percent from its high point in 2007-2011 to 2013-2017. During that time, non-Hispanic white IMRs decreased 52 percent while the non-Hispanic black IMR decreased by 36 percent, making the non-Hispanic black IMR higher than the non-Hispanic white IMR (9.6 vs 8.4).

In 2007-2011 IMRs for normal birthweight non-Hispanic white and non-Hispanic black infants were nearly the same at 2.3 and 2.2, respectively. By 2013-2017, the non-Hispanic white IMR decreased 22 percent to 1.8 whereas the non-Hispanic black IMR increased 32 percent to 2.9 infant deaths per 1,000 live births. The IMR for all races had a 9 percent decrease for the same time period.

Figure 40. Five-year Average Infant Mortality Rates by Birthweight and Race, Delaware, 2000-2017 Live Birth Cohort

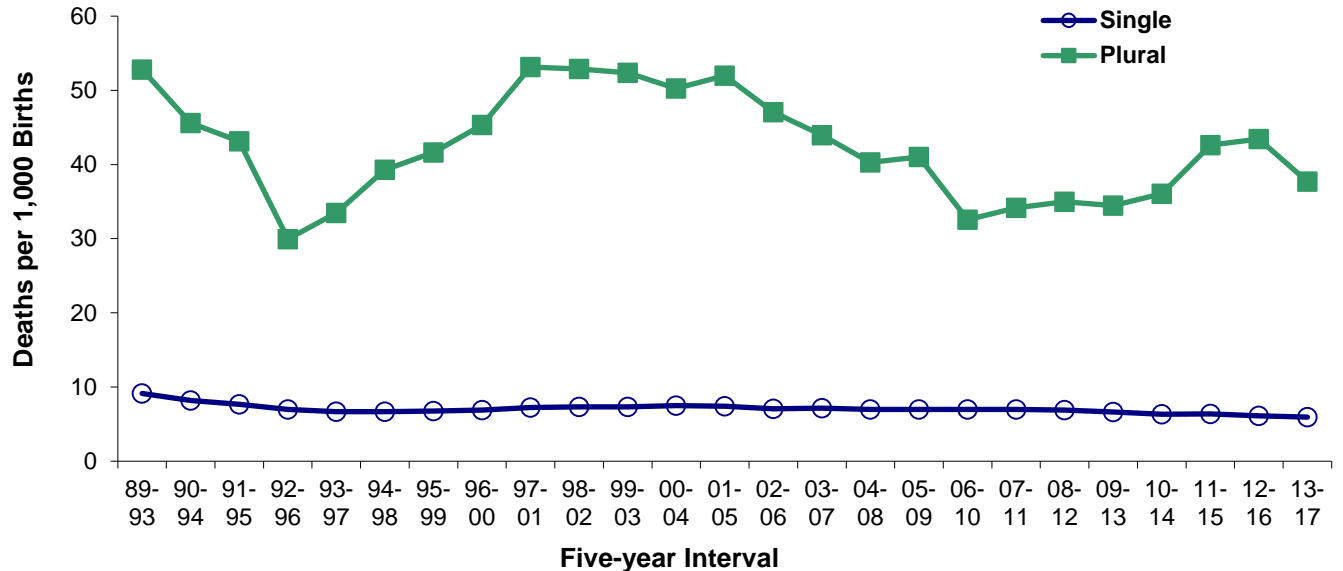


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY - Live Birth Cohort

From 2001-2005 to 2006-2010, IMRs for plural births decreased 37 percent, from 52 to 33 infant deaths per 1,000 live births. Since 2006-2010, IMRs for plural births increased 16 percent from 32.6 to 37.7 infant deaths per 1,000 live births. IMRs for singleton births decreased 20 percent from 2001-2005 to 2013-2017. In 2013-2017, the infant mortality rate for plural births was more than six times that of singleton births (37.7 versus 5.9 infant deaths per 1,000 live births, respectively).

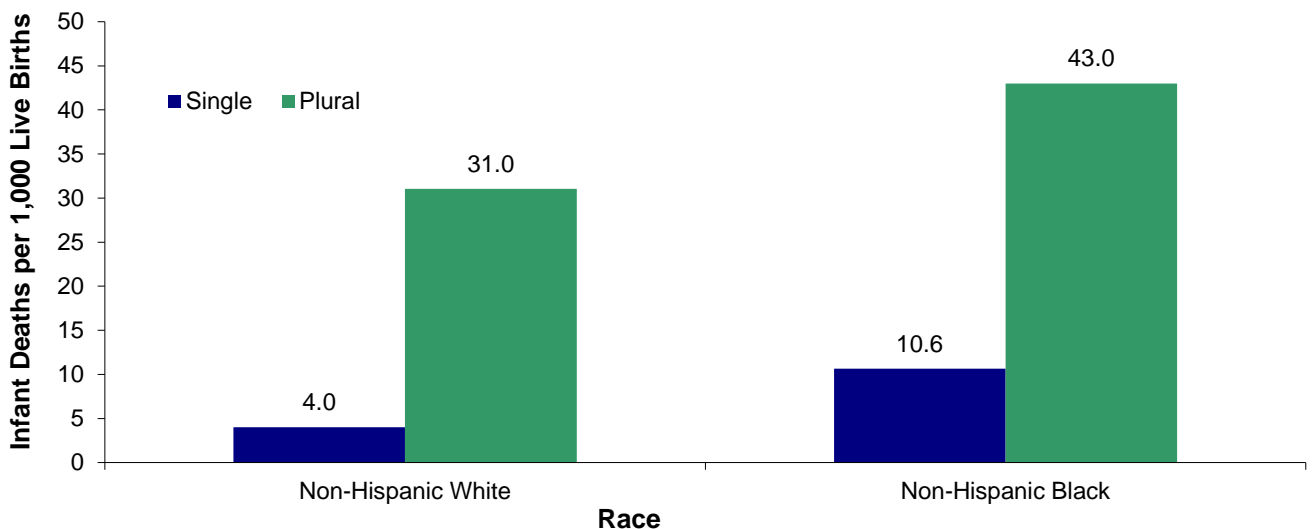
Figure 41. Five-year Average Infant Mortality Rates by Plurality, Delaware, Live Birth Cohort, 1989-2017



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, 2013-2017



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, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE, 2001-2018

Area/ Race	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.																		
All Races	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	22,341	N/A
Non-Hispanic White	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	9,520	N/A
Non-Hispanic Black	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	6,390	N/A
Non-Hispanic Other	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	1,402	N/A
Delaware																		
All Races	114	96	107	97	106	99	91	101	91	88	98	84	68	74	100	87	72	62
Non-Hispanic White	55	52	41	43	36	39	33	37	24	38	39	24	22	27	38	23	18	19
Non-Hispanic Black	50	35	49	44	53	44	38	49	52	35	38	43	33	29	38	39	37	33
Non-Hispanic Other	1	3	1	2	3	4	1	0	7	4	10	6	1	6	6	8	3	2
Kent																		
All Races	19	27	16	17	21	13	9	18	18	15	17	17	6	13	23	14	8	13
Non-Hispanic White	10	22	8	8	6	7	4	7	6	11	10	5	5	8	8	2	0	5
Non-Hispanic Black	8	5	7	8	14	5	4	7	12	3	3	10	1	4	9	8	7	7
Non-Hispanic Other	0	0	0	1	1	1	1	0	0	0	1	0	0	0	1	1	0	1
New Castle																		
All Races	72	55	78	60	68	68	60	70	57	58	74	58	48	49	54	62	48	37
Non-Hispanic White	32	26	27	25	23	22	19	25	13	17	24	16	12	14	19	16	11	9
Non-Hispanic Black	33	22	37	27	30	35	27	36	33	29	34	28	27	20	23	27	26	23
Non-Hispanic Other	0	3	1	0	2	2	0	0	5	3	9	6	1	6	4	7	3	0
Wilmington																		
All Races	17	12	18	12	18	16	17	19	18	18	17	20	14	14	10	18	15	13
Non-Hispanic White	1	1	1	1	1	1	1	2	0	1	2	4	0	3	2	0	1	1
Non-Hispanic Black	14	10	13	8	14	14	14	10	15	13	15	11	11	7	4	14	10	12
Non-Hispanic Other	0	0	0	0	0	0	0	0	2	0	0	1	0	1	1	2	2	0
Balance of NC County																		
All Races	55	43	60	48	50	52	43	51	39	40	57	38	34	35	44	44	33	24
Non-Hispanic White	31	25	26	24	22	21	18	23	13	16	22	12	12	11	17	16	10	8
Non-Hispanic Black	19	12	24	19	16	21	13	26	18	16	19	17	16	13	19	13	16	11
Non-Hispanic Other	0	3	1	0	2	2	0	0	3	3	9	5	1	5	3	5	1	0
Sussex																		
All Races	23	14	13	20	17	18	22	13	16	15	7	9	14	12	23	11	16	12
Non-Hispanic White	13	4	6	10	7	10	10	5	5	10	5	3	5	5	11	5	7	5
Non-Hispanic Black	9	8	5	9	9	4	7	6	7	3	1	5	5	5	6	4	4	3
Non-Hispanic Other	1	0	0	1	0	1	0	0	2	1	0	0	0	0	1	0	0	1

Notes:

- 2017 U.S. data 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, 2001-2018

Area/ Race	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.																		
All Races	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	14,844	N/A
Non-Hispanic White	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	6,191	N/A
Non-Hispanic Black	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	4,150	N/A
Non-Hispanic Other	754	856	861	851	895	885	982	916	909	867	893	912	869*	869	937	925	924	N/A
Delaware																		
All Races	82	78	76	63	79	72	65	68	66	58	73	66	47	55	79	57	48	43
Non-Hispanic White	41	44	29	28	25	28	25	23	15	24	24	16	12	18	32	10	14	12
Non-Hispanic Black	35	28	36	28	39	33	28	35	39	25	35	34	25	20	31	27	22	23
Non-Hispanic Other	1	2	1	2	3	3	0	0	7	4	7	6	1	5	3	7	3	2
Kent																		
All Races	15	22	8	11	14	7	6	12	14	11	13	12	3	10	17	9	5	9
Non-Hispanic White	10	18	3	5	3	4	3	4	4	8	6	3	3	7	7	1	0	3
Non-Hispanic Black	4	4	4	5	10	3	3	5	10	2	3	8	0	2	6	5	5	5
Non-Hispanic Other	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	1
New Castle																		
All Races	54	46	57	39	54	52	43	48	42	36	57	47	34	37	49	43	36	27
Non-Hispanic White	24	22	22	16	17	15	14	16	9	8	16	12	6	7	17	7	11	6
Non-Hispanic Black	26	19	27	18	23	28	20	27	23	22	32	21	22	16	23	20	16	17
Non-Hispanic Other	0	2	1	0	2	2	0	0	5	3	6	6	1	5	3	6	3	0
Wilmington																		
All Races	14	9	11	9	15	12	10	10	14	10	14	18	11	12	10	15	9	9
Non-Hispanic White	1	1	0	1	1	0	1	0	0	0	1	4	0	3	2	0	1	1
Non-Hispanic Black	12	8	10	6	11	11	9	6	11	9	13	9	8	5	4	11	5	8
Non-Hispanic Other	0	0	0	0	0	0	0	0	2	0	0	1	0	1	1	2	2	0
Balance of NC County																		
All Races	40	37	46	30	39	40	33	38	28	26	43	29	23	25	39	28	27	18
Non-Hispanic White	23	21	22	15	16	15	13	16	9	8	15	8	6	4	15	7	10	5
Non-Hispanic Black	14	11	17	12	12	17	11	21	12	13	19	12	14	11	19	9	11	9
Non-Hispanic Other	0	2	1	0	2	2	0	0	3	3	6	5	1	4	2	4	1	0
Sussex																		
All Races	13	10	11	13	11	13	16	8	10	11	3	7	10	8	13	5	7	7
Non-Hispanic White	7	4	4	7	5	9	8	3	2	8	2	1	3	4	8	2	3	3
Non-Hispanic Black	5	5	5	5	6	2	5	3	6	1	0	5	3	2	2	2	1	1
Non-Hispanic Other	1	0	0	1	0	1	0	0	2	1	0	0	0	0	0	0	0	0

Notes:
 1. 2017 U.S. data based on NCHS estimate.
 2. Neonatal deaths refer to deaths of children under 28 days of age.

TABLE E-3. NUMBER OF POSTNEONATAL DEATHS BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE 2001-2018

Area/ Race	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.																		
All Races	9,248	9,179	9,060	9,258	9,602	9,468	10,059	9,837	9,147	8,379	7,936	7,767	7,553	7,474	7,786	7,854	7,497	N/A
Non-Hispanic White	4,483	4,474	4,431	4,502	4,682	4,474	4,676	4,573	4,270	3,941	3,783	3,689	3,647	3,582	3,720	3,718	3,329	N/A
Non-Hispanic Black	2,645	2,632	2,501	2,586	2,626	2,716	2,867	2,735	2,603	2,363	2,233	2,174	2,133	2,074	2,276	2,222	2,240	N/A
Non-Hispanic Other	520	433	470	483	485	483	534	536	488	457	445	451	411	404	464	455	478	N/A
Delaware																		
All Races	32	18	31	34	27	27	26	33	25	30	25	18	21	19	21	30	24	19
Non-Hispanic White	14	8	12	15	11	11	8	14	9	14	15	8	10	9	6	13	4	7
Non-Hispanic Black	15	7	13	16	14	11	10	14	13	10	3	9	8	9	7	12	15	10
Non-Hispanic Other	0	1	0	0	0	1	1	0	0	0	3	0	0	1	3	1	0	0
Kent																		
All Races	4	5	8	6	7	6	3	6	4	4	4	5	3	3	6	5	3	4
Non-Hispanic White	0	4	5	3	3	3	1	3	2	3	4	2	2	1	1	1	0	2
Non-Hispanic Black	4	1	3	3	4	2	1	2	2	1	0	2	1	2	3	3	2	2
Non-Hispanic Other	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0
New Castle																		
All Races	18	9	21	21	14	16	17	22	15	22	17	11	14	12	5	19	12	10
Non-Hispanic White	8	4	5	9	6	7	5	9	4	9	8	4	6	7	2	9	0	3
Non-Hispanic Black	7	3	10	9	7	7	7	9	10	7	2	7	5	4	0	7	10	6
Non-Hispanic Other	0	1	0	0	0	0	0	0	0	0	3	0	0	1	1	1	0	0
Wilmington																		
All Races	3	3	7	3	3	4	7	9	4	8	3	2	3	2	0	3	6	4
Non-Hispanic White	0	0	1	0	0	1	0	2	0	1	1	0	0	0	0	0	0	0
Non-Hispanic Black	2	2	3	2	3	3	5	4	4	4	2	2	3	2	0	3	5	4
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	15	6	14	18	11	12	10	13	11	14	14	9	11	10	5	16	6	6
Non-Hispanic White	8	4	4	9	6	6	5	7	4	8	7	4	6	7	2	9	0	3
Non-Hispanic Black	5	1	7	7	4	4	2	5	6	3	0	5	2	2	0	4	5	2
Non-Hispanic Other	0	1	0	0	0	0	0	0	0	0	3	0	0	1	1	1	0	0
Sussex																		
All Races	10	4	2	7	6	5	6	5	6	4	4	2	4	4	10	6	9	5
Non-Hispanic White	6	0	2	3	2	1	2	2	3	2	3	2	2	1	3	3	4	2
Non-Hispanic Black	4	3	0	4	3	2	2	3	1	2	1	0	0	3	4	2	3	2
Non-Hispanic Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

Notes:

- 2017 U.S. data based on NCHS estimate.
- 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 2001-2018

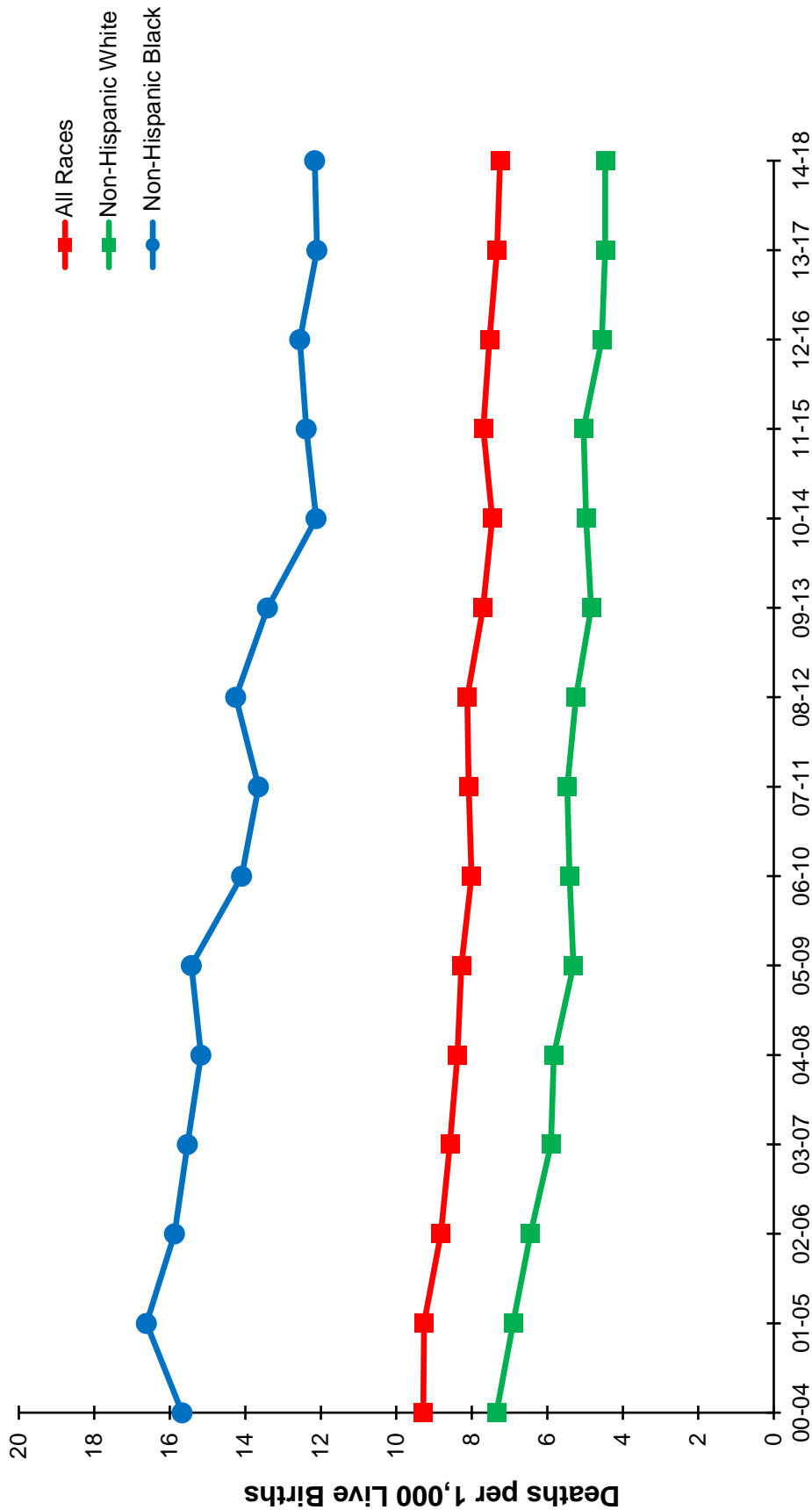
Area/ Race	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
U.S.														
All Races	6.9	6.8	6.8	6.7	6.7	6.5	6.4	6.2	6.1	6.0	5.9	5.9	5.9	N/A
Non-Hispanic White	5.7	5.7	5.7	5.6	5.6	5.4	5.3	5.2	5.1	5.0	5.0	5.0	4.9	N/A
Non-Hispanic Black	13.6	13.6	13.5	13.3	13.1	12.7	12.3	11.8	11.5	11.2	11.2	11.1	11.1	N/A
Delaware														
All Races	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+	7.3
Non-Hispanic White	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	4.5
Non-Hispanic Black	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	12.2
Kent														
All Races	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	6.4
Non-Hispanic White	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	3.6
Non-Hispanic Black	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	11.0
New Castle														
All Races	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	7.8
Non-Hispanic White	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	4.6
Non-Hispanic Black	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	12.8
Wilmington														
All Races	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	14.5
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	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	16.9
Balance of NC County														
All Races	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	6.6
Non-Hispanic White	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	4.4
Non-Hispanic Black	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	11.1
Sussex														
All Races	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	6.5
Non-Hispanic White	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	5.1
Non-Hispanic Black	18.8	16.7	15.4	15.8	15.0	12.4	11.0	10.4	10.0	---	11.0	12.5	11.9	11.0

Notes:

- 2013-2017 U.S. data are based on NCHS estimates.
- Infant mortality rates represent the number of deaths of children under one year of age per 1000 live births.
- '+' 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.
- '.' indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
- '---' indicates rate is significantly lower than 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

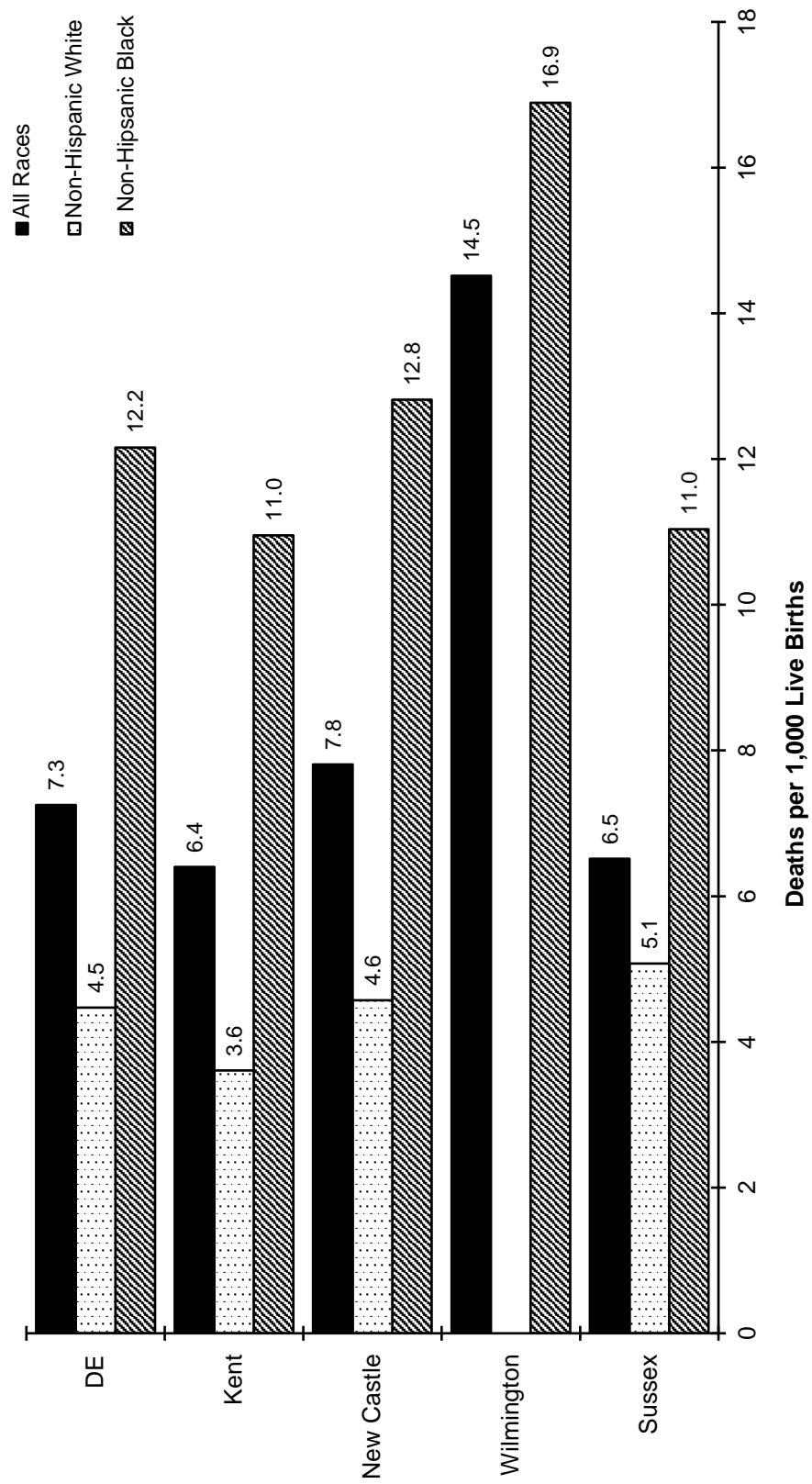
Figure E-1. Five-Year Average Infant Mortality Rates by Race, Delaware, 2000-2018



Five-Year Intervals

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, 2014-2018



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 2001-2018

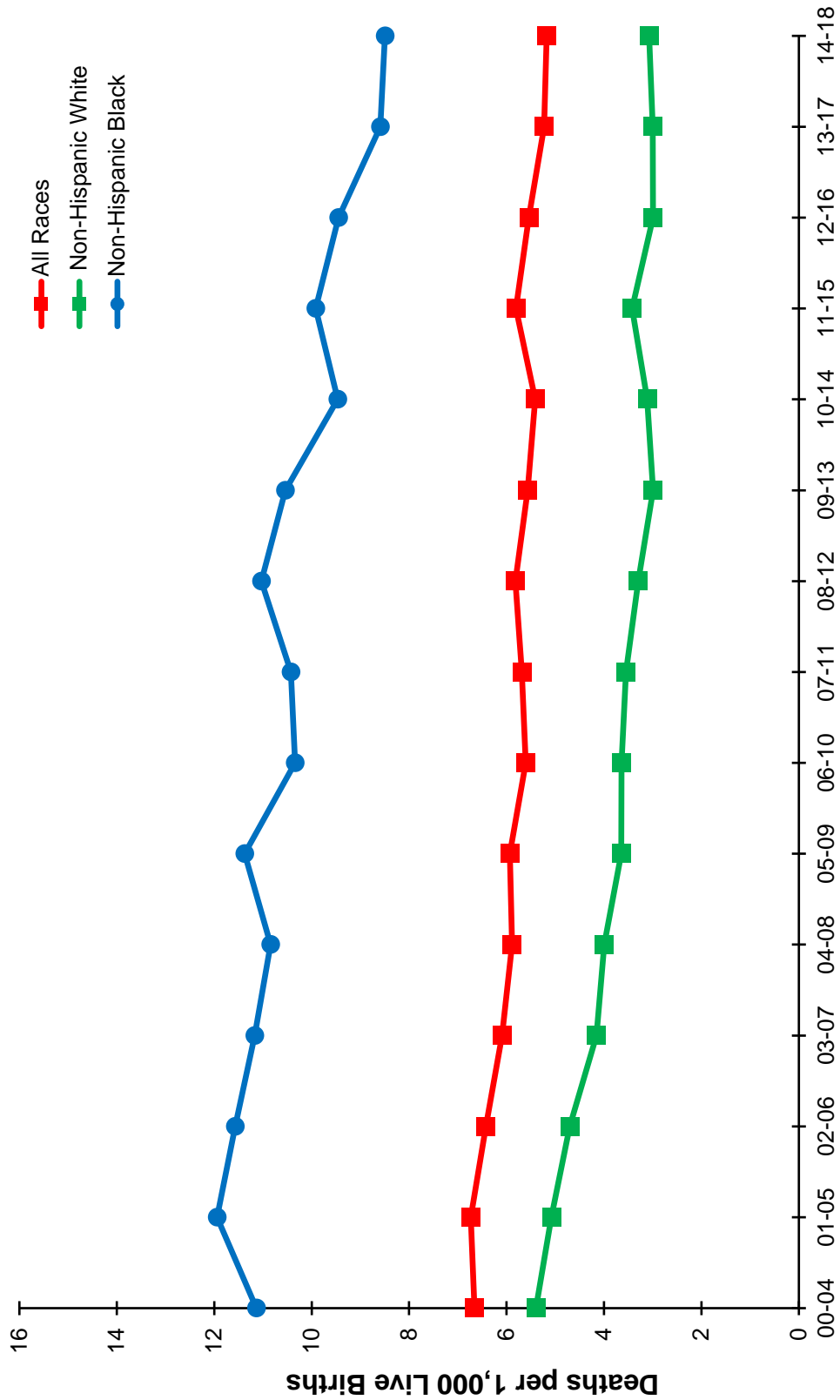
Area/ Race	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
U.S.														
All Races	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	4.0	4.0	3.9	N/A
Non-Hispanic White	3.8	3.7	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	N/A
Non-Hispanic Black	9.2	9.2	9.0	8.8	8.6	8.3	8.1	7.8	7.6	7.5	7.5	7.4	7.3	N/A
Delaware														
All Races	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	5.2
Non-Hispanic White	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	3.1
Non-Hispanic Black	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	8.5
Kent														
All Races	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	4.5
Non-Hispanic White	6.0	4.9	---	---	---	3.3	3.6	3.6	3.5	4.0	3.9	3.2	---	---
Non-Hispanic Black	10.6	9.9	9.0	9.1	10.5	7.6	7.5	9.3	7.6	---	---	6.8	---	7.2
New Castle														
All Races	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	6.0
Non-Hispanic White	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	3.2
Non-Hispanic Black	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	9.9
Wilmington														
All Races	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	11.4
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	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	11.9
Balance of NC County														
All Races	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	5.0
Non-Hispanic White	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	2.9
Non-Hispanic Black	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	9.1
Sussex														
All Races	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	3.5
Non-Hispanic White	4.3	4.6	5.1	4.9	4.1	4.5	3.5	---	---	---	---	---	3.1	3.1
Non-Hispanic Black	12.2	10.9	10.4	9.5	10.0	---	---	---	---	---	---	---	---	---

Notes:

- 2013-2017 U.S. data are based on NCHS estimates.
- Neonatal mortality rates represent the number of deaths of children under 28 days of age per 1000 live births.
- '+' indicates that the Delaware rate is significantly higher than the U.S. rate.
- '---' indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
- 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, 2000-2018



Five-Year Intervals

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, 2001-2018

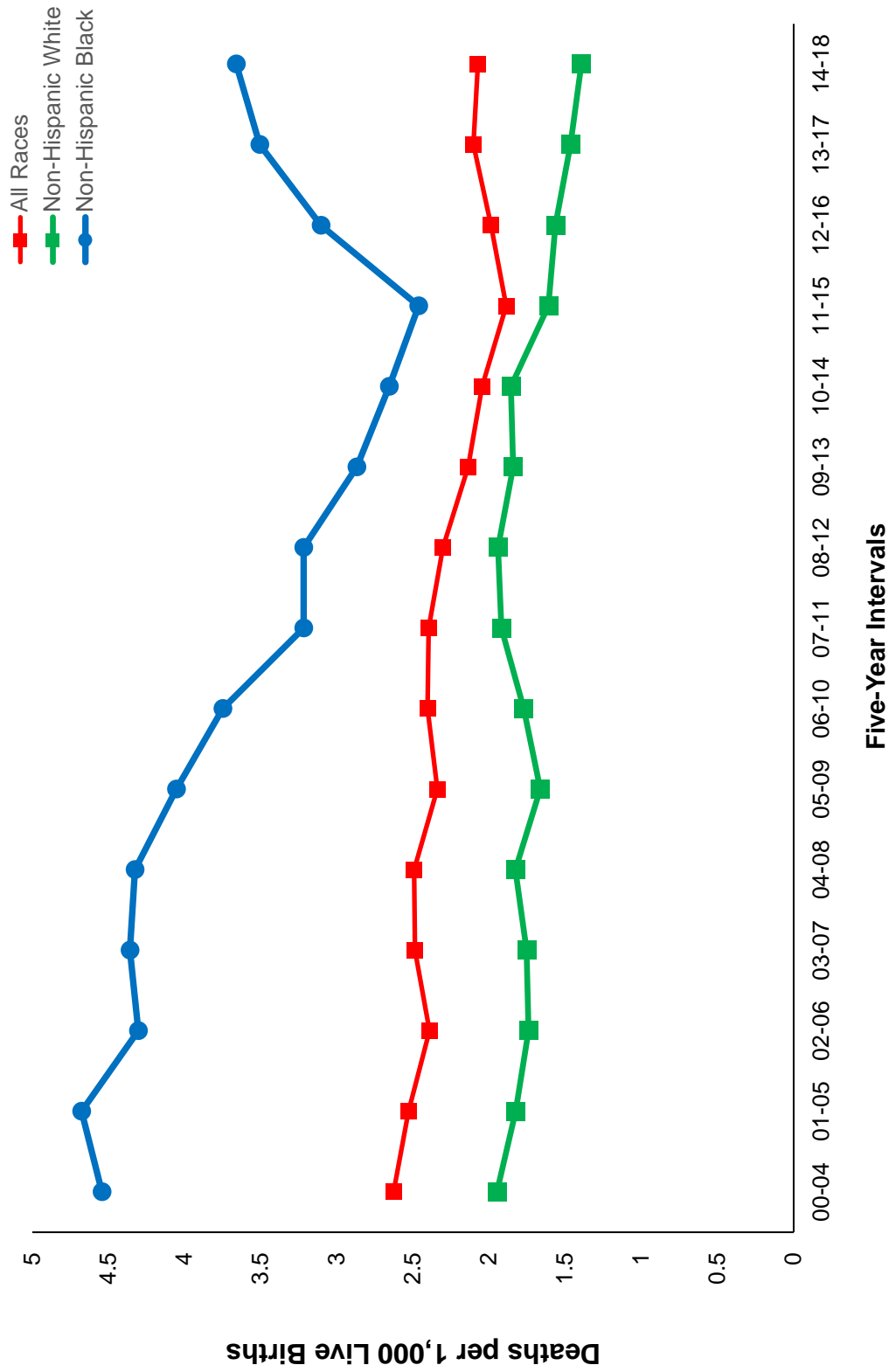
Area/ Race	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
U.S.													
All Races	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	N/A
Non-Hispanic White	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.7	1.7	N/A
Non-Hispanic Black	4.5	4.5	4.5	4.4	4.3	4.2	4.1	3.9	3.7	3.7	3.7	3.7	N/A
Delaware													
All Races	2.4	2.5	2.5	2.3	2.4	2.4	2.3	2.1	2.0	1.9	2.0	2.1	2.1
White Non-Hispanic	1.7	1.8	1.8	1.7	1.8	1.9	1.9	1.8	1.9	1.6	1.6	1.5	1.4
Black Non-Hispanic	4.3	4.4	4.3	4.1	3.7	3.2-	3.2	2.9-	2.7-	2.5-	3.1	3.5	3.7
Kent													
All Races	3.1	2.8	2.6	2.3	2.0	1.9	2.1	1.8	---	1.9	2.0	1.8	1.9
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	---	---	---	---	---	---	---	---	---	---	---	---	---
New Castle													
All Races	2.3	2.5	2.5	2.3	2.6	2.7	2.5	2.4	2.3	1.8	1.9	1.9	1.8
Non-Hispanic White	1.6	1.7	1.9	1.7	1.9	2.0	2.0	1.8	2.0	1.6	1.7	1.5	1.4
Non-Hispanic Black	3.8	4.1	3.9	3.9	3.9	3.4	3.5	3.1	2.6	---	2.4	2.8	2.9
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	2.1	2.2	2.1	1.9	2.1	2.1	2.1	2.1	2.1	1.8	1.9	1.8	1.6
Non-Hispanic White	1.6	1.7	1.9	1.6	1.8	1.9	1.9	1.8	2.1	1.7	1.9	1.7	1.5
Non-Hispanic Black	4.0	4.0	3.6	3.4	3.1	---	---	---	---	---	---	---	---
Sussex													
All Races	2.2	2.3	2.4	2.3	2.2	2.1	1.8	1.8	---	2.1	2.3	2.9	3.0
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, 2000-2018



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, 2013-2017 LIVE BIRTH COHORT

Risk Factor	Non-Hispanic		
	All	White	Black
Birth Weight of Child			
<2500	58.2	44.2	71.0
<1500	247.2	218.0	268.1
1500-2499	10.7	---	---
2500+	2.0	1.8	2.9
Age of Mother			
<20	7.5	---	---
20-24	8.8	7.2	13.0
25-29	6.8	4.7	10.8
30+	6.1	3.8	12.6
Marital Status of Mother			
Married	42.4	3.4	8.2
Single	53.0	7.5	13.4
Education of Mother			
<12 years	7.8	7.4	11.1
H.S. diploma	10.0	7.2	15.1
1+ years college	5.1	3.6	9.1
Interval Since Last Live Birth			
<18 months	9.5	---	---
18+ months	4.5	3.1	8.6

Notes:

1. Infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.
2. "----" Indicates rate does not meet standard 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 E-8. LEADING CAUSES OF INFANT DEATH BY GESTATIONAL AGE CATEGORY, DELAWARE, 2013-2017 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	80	0	1	0	81	98.8	98.8
Newborn affected by maternal complications of pregnancy	47	2	1	0	50	94.0	98.0
Congenital malformations, deformations, and chromosomal abnormalities	10	14	24	0	48	20.8	50.0
Respiratory distress of newborn	16	0	1	0	17	94.1	94.1
Sudden infant death syndrome	0	2	15	0	17	0.0	11.8
Newborn affected by complications of placenta, cord, and membranes	16	0	0	0	16	100.0	100.0
Accidents (unintentional injuries)	1	2	9	0	12	8.3	25.0
Diarrhea and gastroenteritis of infectious origin	10	0	0	0	10	100.0	100.0
Bacterial sepsis of newborn	6	1	2	0	9	66.7	77.8
Diseases of the circulatory system	0	1	6	0	7	0.0	14.3
Intrauterine hypoxia and birth asphyxia	4	1	2	0	7	57.1	71.4
Volume depletion, disorders of fluid, electrolyte and acid-base balance	3	0	1	1	5	60.0	60.0
Necrotizing enterocolitis of newborn	4	0	1	0	5	80.0	80.0
Assault (homicide)	0	1	4	0	5	0.0	20.0
Septicemia	4	0	0	0	4	100.0	100.0
Atelectasis	4	0	0	0	4	100.0	100.0
Newborn affected by other complications of labor and delivery	3	0	0	0	3	100.0	100.0
Neonatal hemorrhage	1	2	0	0	3	33.3	100.0
involving the immune mechanism	1	0	1	0	2	50.0	50.0
Anoxic brain damage, not elsewhere classified	0	0	2	0	2	0.0	0.0
All other causes	9	1	3	0	13	69.2	76.9
TOTAL	219	27	73	1	320	68.4	76.9

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, 2001-2017

Parameter/ Race	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
BIRTHWEIGHT													
2500+													
All Races	2.2	2.2	2.3	2.0	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0
Non-Hispanic White	1.9	1.7	1.8	1.6	1.6	2.0	2.3	2.4	2.5	2.4	2.2	2.0	1.8
Non-Hispanic Black	3.5	3.6	3.4	2.9	2.7	2.6	2.2	2.5	2.5	2.5	2.6	2.6	2.9
<2500													
All Races	74.5	69.9	68.8	69.2	70.6	65.5	67.1	68.2	64.6	61.7	64.6	62.2	58.2
Non-Hispanic White	67.3	62.9	58.4	59.8	55.5	54.5	52.3	51.1	46.9	47.1	49.4	48.1	44.2
Non-Hispanic Black	88.1	81.1	82.6	84.2	90.1	82.1	86.5	88.9	83.3	76.3	79.6	74.7	71.0
<1500													
All Races	313.9	289.4	285.8	286.8	279.3	260.8	264.7	267.6	258.6	253.1	267.7	263.8	247.2
Non-Hispanic White	310.3	283.9	270.5	268.1	240.6	228.6	222.5	215.2	203.9	209.0	228.3	221.4	218.0
Non-Hispanic Black	316.3	289.1	285.7	290.9	298.0	283.3	295.2	308.6	296.5	277.2	289.4	290.9	268.1
GESTATION													
37+ weeks													
All Races	2.2	2.2	2.3	2.0	2.0	2.4	2.6	2.6	2.5	2.6	2.5	2.2	2.2
Non-Hispanic White	1.8	1.7	1.9	1.8	1.7	2.3	2.7	2.7	2.7	2.8	2.3	2.0	1.7
Non-Hispanic Black	3.4	3.4	3.4	2.8	2.6	2.7	2.6	2.7	2.7	2.9	3.1	3.0	3.4
<37 weeks													
All Races	53.5	49.1	47.1	47.0	47.3	43.6	44.3	45.5	44.0	41.5	44.8	43.3	40.4
Non-Hispanic White	45.4	40.5	36.8	36.8	35.0	34.2	33.0	32.3	31.2	28.9	32.8	33.0	30.4
Non-Hispanic Black	73.0	68.4	67.3	68.5	71.5	64.4	66.8	69.6	65.6	60.1	63.0	58.5	55.6
<32 weeks													
All Races	249.1	232.4	220.4	220.4	216.9	195.0	195.7	198.7	190.8	178.9	189.6	186.9	177.0
Non-Hispanic White	241.7	215.6	192.6	191.1	178.3	160.1	154.9	146.2	137.7	130.1	144.2	144.6	141.8
Non-Hispanic Black	260.3	249.2	245.6	254.0	258.1	236.5	241.2	249.6	235.5	216.0	226.1	225.0	212.5
PLURALITY													
Single													
All Races	7.4	7.1	7.2	7.0	7.0	7.0	7.0	6.9	6.7	6.3	6.4	6.1	5.9
Non-Hispanic White	5.6	5.2	5.2	5.1	4.7	5.3	5.4	5.2	5.1	4.8	4.6	4.4	4.0
Non-Hispanic Black	13.7	13.0	12.8	12.2	12.6	11.8	11.7	11.8	11.5	10.6	10.9	10.4	10.6
Plural													
All Races	52.0	47.0	44.0	40.3	41.0	32.6	34.2	35.0	34.5	36.1	42.6	43.4	37.7
Non-Hispanic White	42.6	37.3	30.2	26.5	26.2	21.0	20.8	22.0	22.2	27.0	33.3	35.2	31.0
Non-Hispanic Black	65.0	59.7	64.4	68.6	70.4	54.9	54.9	56.6	46.6	40.5	47.5	50.4	43.0
SMOKING DURING PREGNANCY													
No													
All Races	8.2	7.9	7.7	7.4	7.6	7.4	7.4	7.4	7.2	6.7	6.9	6.6	6.4
Non-Hispanic White	5.9	5.8	5.3	5.1	4.9	5.5	5.4	5.5	5.3	4.9	4.7	4.5	4.0
Non-Hispanic Black	14.8	13.7	13.5	13.2	13.8	12.8	13.0	13.3	12.5	11.6	12.0	11.2	11.1
Yes													
All Races	15.1	13.4	13.9	13.3	12.1	10.7	10.8	10.0	9.7	10.7	11.5	12.1	11.9
Non-Hispanic White	13.4	10.4	10.8	10.8	8.7	8.2	8.5	7.3	6.9	8.8	10.0	10.4	10.0
Non-Hispanic Black	22.3	24.2	24.2	21.6	21.9	17.8	16.1	16.2	16.0	14.4	15.0	17.6	18.3

TABLE E-9. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS, DELAWARE, LIVE BIRTH COHORT, 2001-2017 (continued)

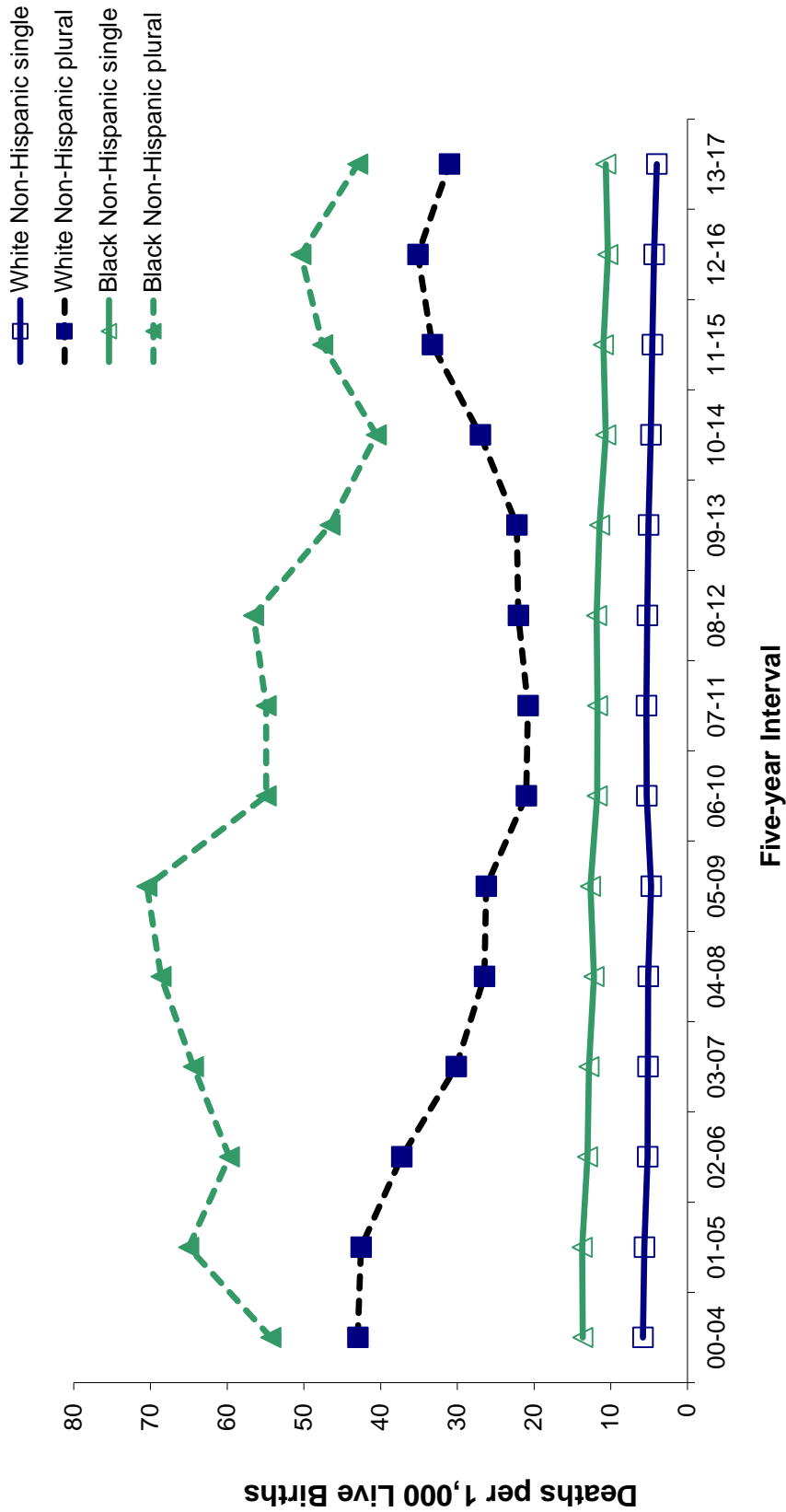
Parameter/ Race	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
EDUCATION													
HS Grad or less													
All Races	11.1	10.7	10.8	10.1	10.0	10.0	10.0	9.5	9.5	8.8	9.3	8.9	9.2
Non-Hispanic White	9.3	8.9	8.8	8.5	8.1	8.6	8.3	7.8	7.7	7.2	7.8	7.5	7.3
Non-Hispanic Black	17.4	16.6	16.4	15.3	15.4	14.8	15.0	15.3	15.1	13.7	14.2	13.3	13.9
1+ yrs college													
All Races	6.3	5.8	5.4	5.6	5.9	5.6	5.8	6.2	5.7	5.7	5.9	5.7	5.1
Non-Hispanic White	5.1	4.3	4.0	4.0	3.8	4.1	4.5	4.7	4.4	4.5	4.3	4.1	3.6
Non-Hispanic Black	12.1	11.2	11.1	11.5	13.1	11.2	10.8	11.0	9.7	9.2	9.6	9.5	9.1
PAYMENT FOR DELIVERY													
Medicaid													
All Races	10.2	9.6	10.4	10.2	9.9	9.5	9.3	8.8	8.5	8.2	8.7	8.7	8.2
Non-Hispanic White	9.2	8.5	8.9	9.2	8.2	8.4	7.3	7.1	6.7	6.8	7.1	7.6	6.8
Non-Hispanic Black	14.8	13.9	14.5	14.1	14.0	12.9	13.5	13.5	13.0	12.2	12.6	11.8	11.2
Private Insurance													
All Races	7.6	7.4	6.7	6.4	6.6	6.4	6.4	6.6	6.4	6.2	6.2	5.9	5.8
Non-Hispanic White	5.6	5.3	4.7	4.5	4.3	4.6	5.1	4.9	4.9	4.6	4.5	4.0	3.8
Non-Hispanic Black	17.1	16.7	15.5	14.9	16.3	14.8	13.4	13.9	12.6	11.3	12.2	12.0	13.0

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.

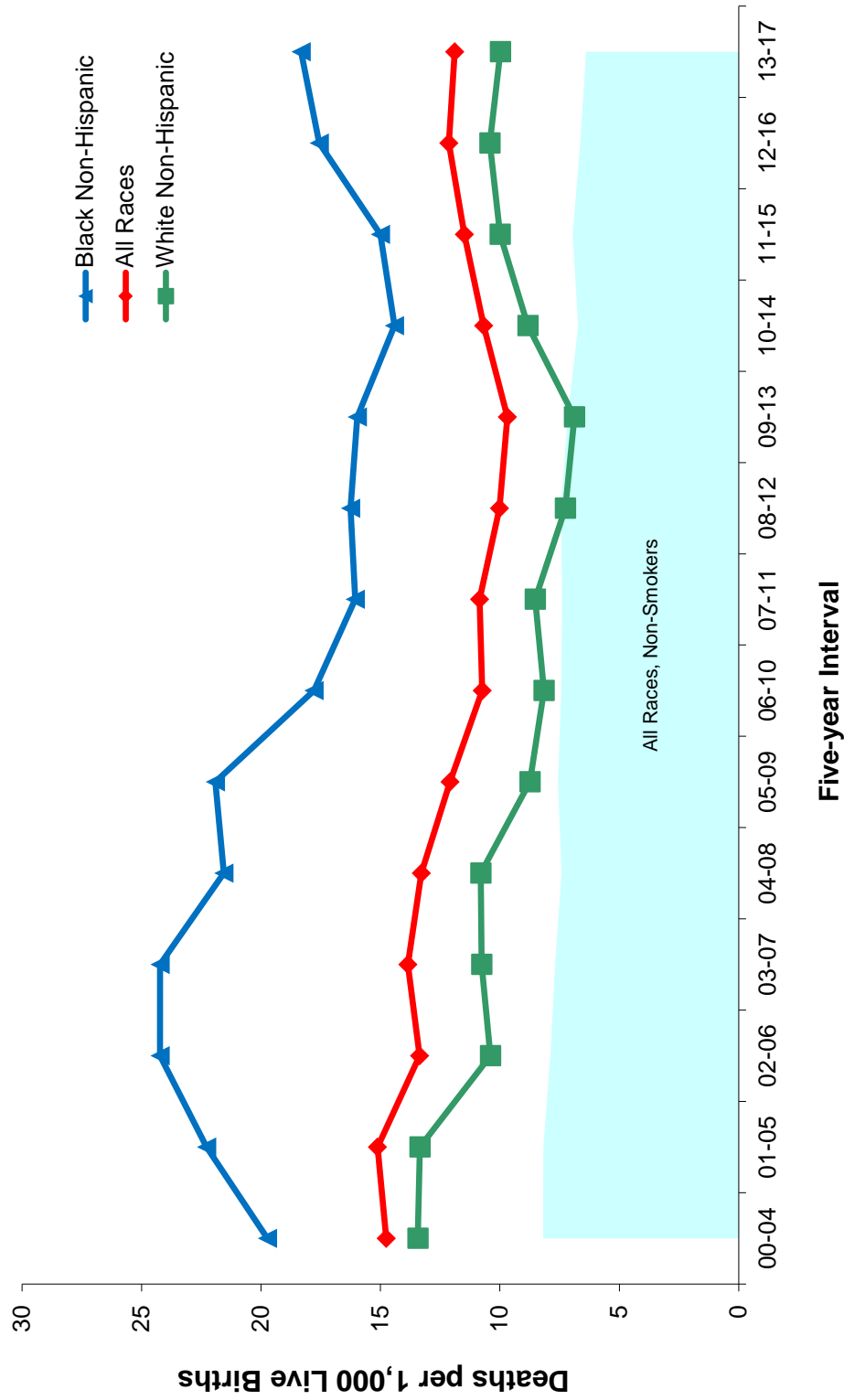
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-5. Five-year Average Infant Mortality Rates by Race and Plurality, Delaware, 2000-2017 Live Birth Cohort



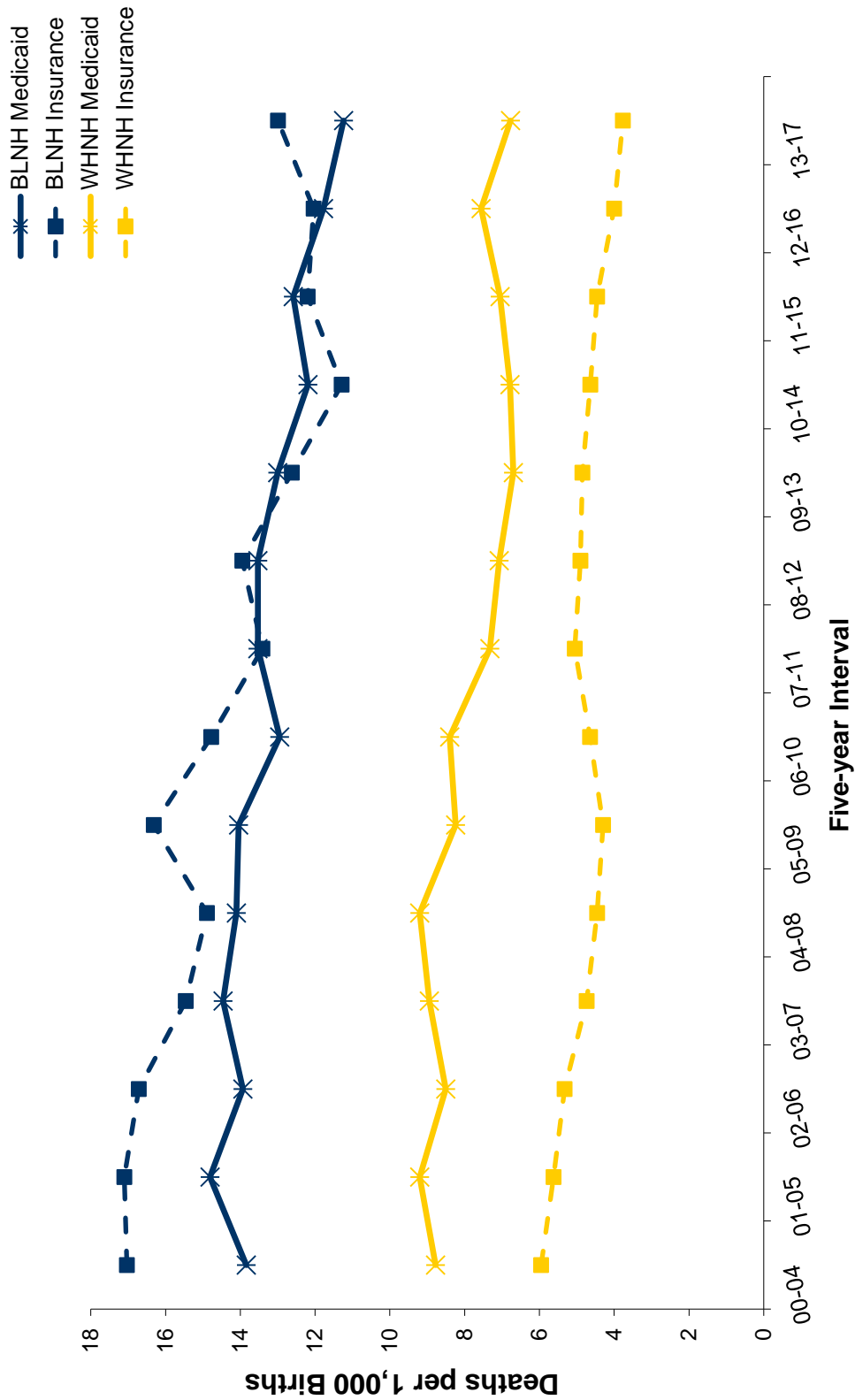
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-6. Five-year Average Infant Mortality Rates by Race of Mothers who Smoked during Pregnancy versus all Non-smoking Mothers, Delaware, 2000-2017
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, 2000-2017 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, 2013-2017, LIVE BIRTH COHORT

Plurality/ Birth Weight	Race and Sex											
	All Races			Non-Hispanic White			Non-Hispanic Black			Non-Hispanic Other/Unknown		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All Births	380	198	182	138	66	72	172	95	77	18	8	10
<2500	280	144	136	89	44	45	136	72	64	14	5	9
<1500	239	127	112	75	36	39	122	67	55	12	5	7
<500	131	65	66	34	14	20	79	41	38	8	3	5
500-999	92	58	34	32	19	13	39	26	13	3	1	2
1000-1499	16	4	12	9	3	6	4	0	4	1	1	0
1500-1999	14	5	9	3	2	1	4	1	3	2	0	2
2000-2499	27	12	15	11	6	5	10	4	6	0	0	0
2500+	99	54	45	48	22	26	36	23	13	4	3	1
2500-2999	40	22	18	21	9	12	11	7	4	2	2	0
3000-3499	33	17	16	12	5	7	16	11	5	2	1	1
3500-3999	14	7	7	7	3	4	5	2	3	0	0	0
4000-4499	10	7	3	7	4	3	3	3	0	0	0	0
4500+	2	1	1	1	1	0	1	0	1	0	0	0
Unknown	1	0	1	1	0	1	0	0	0	0	0	0
Single Births	315	167	148	111	53	58	149	84	65	16	6	10
<2500	221	116	105	66	33	33	114	61	53	12	3	9
<1500	185	102	83	54	27	27	101	57	44	10	3	7
<500	99	49	50	23	9	14	63	33	30	7	2	5
500-999	73	51	22	24	16	8	34	24	10	3	1	2
1000-1499	13	2	11	7	2	5	4	0	4	0	0	0
1500-1999	10	3	7	2	1	1	3	0	3	2	0	2
2000-2499	26	11	15	10	5	5	10	4	6	0	0	0
2500+	93	51	42	44	20	24	35	23	12	4	3	1
2500-2999	38	21	17	21	9	12	10	7	3	2	2	0
3000-3499	30	16	14	9	4	5	16	11	5	2	1	1
3500-3999	13	6	7	6	2	4	5	2	3	0	0	0
4000-4499	10	7	3	7	4	3	3	3	0	0	0	0
4500+	2	1	1	1	1	0	1	0	1	0	0	0
Unknown	1	0	1	1	0	1	0	0	0	0	0	0
Plural Births	65	31	34	27	13	14	23	11	12	2	2	0
<2500	59	28	31	23	11	12	22	11	11	2	2	0
<1500	54	25	29	21	9	12	21	10	11	2	2	0
<500	32	16	16	11	5	6	16	8	8	1	1	0
500-999	19	7	12	8	3	5	5	2	3	0	0	0
1000-1499	3	2	1	2	1	1	0	0	0	1	1	0
1500-1999	4	2	2	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	3	3	4	2	2	1	0	1	0	0	0
2500-2999	2	1	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	1	1	0	1	1	0	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, 2013-2017 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	Female
All Births	380	198	182	95	47	48	125	71	54	14	6	8
<2500	280	144	136	77	36	41	114	63	51	11	4	7
<1500	239	127	112	69	32	37	111	63	48	11	4	7
<500	131	65	66	34	14	20	79	41	38	8	3	5
500-999	92	58	34	27	16	11	30	22	8	2	0	2
1000-1499	16	4	12	8	2	6	2	0	2	1	1	0
1500-1999	14	5	9	0	0	0	1	0	1	0	0	0
2000-2499	27	12	15	8	4	4	2	0	2	0	0	0
2500+	32	21	11	18	11	7	11	8	3	3	2	1
2500-2999	40	22	18	9	5	4	2	2	0	2	2	0
3000-3499	33	17	16	3	3	0	7	5	2	1	0	1
3500-3999	14	7	7	2	2	0	1	0	1	0	0	0
4000-4499	10	7	3	3	0	3	1	1	0	0	0	0
4500+	2	1	1	1	1	0	0	0	0	0	0	0
Unknown	1	0	1	0	0	0	0	0	0	0	0	0
Single Births	315	167	148	74	37	37	106	61	45	12	4	8
<2500	221	116	105	57	27	30	95	53	42	9	2	7
<1500	185	102	83	50	24	26	92	53	39	9	2	7
<500	99	49	50	23	9	14	63	33	30	7	2	5
500-999	73	51	22	20	13	7	27	20	7	2	0	2
1000-1499	13	2	11	7	2	5	2	0	2	0	0	0
1500-1999	10	3	7	0	0	0	1	0	1	0	0	0
2000-2499	26	11	15	7	3	4	2	0	2	0	0	0
2500+	93	51	42	17	10	7	11	8	3	3	2	1
2500-2999	38	21	17	9	5	4	2	2	0	2	2	0
3000-3499	30	16	14	2	2	0	7	5	2	1	0	1
3500-3999	13	6	7	2	2	0	1	0	1	0	0	0
4000-4499	10	7	3	3	0	3	1	1	0	0	0	0
4500+	2	1	1	1	1	0	0	0	0	0	0	0
Unknown	1	0	1	0	0	0	0	0	0	0	0	0
Plural Births	65	31	34	21	10	11	19	10	9	2	2	0
<2500	59	28	31	20	9	11	19	10	9	2	2	0
<1500	54	25	29	19	8	11	19	10	9	2	2	0
<500	32	16	16	11	5	6	16	8	8	1	1	0
500-999	19	7	12	7	3	4	3	2	1	0	0	0
1000-1499	3	2	1	1	0	1	0	0	0	1	1	0
1500-1999	4	2	2	0	0	0	0	0	0	0	0	0
2000-2499	1	1	0	1	1	0	0	0	0	0	0	0
2500+	6	3	3	1	1	0	0	0	0	0	0	0
2500-2999	2	1	1	0	0	0	0	0	0	0	0	0
3000-3499	3	1	2	1	1	0	0	0	0	0	0	0
3500-3999	1	1	0	0	0	0	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:
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

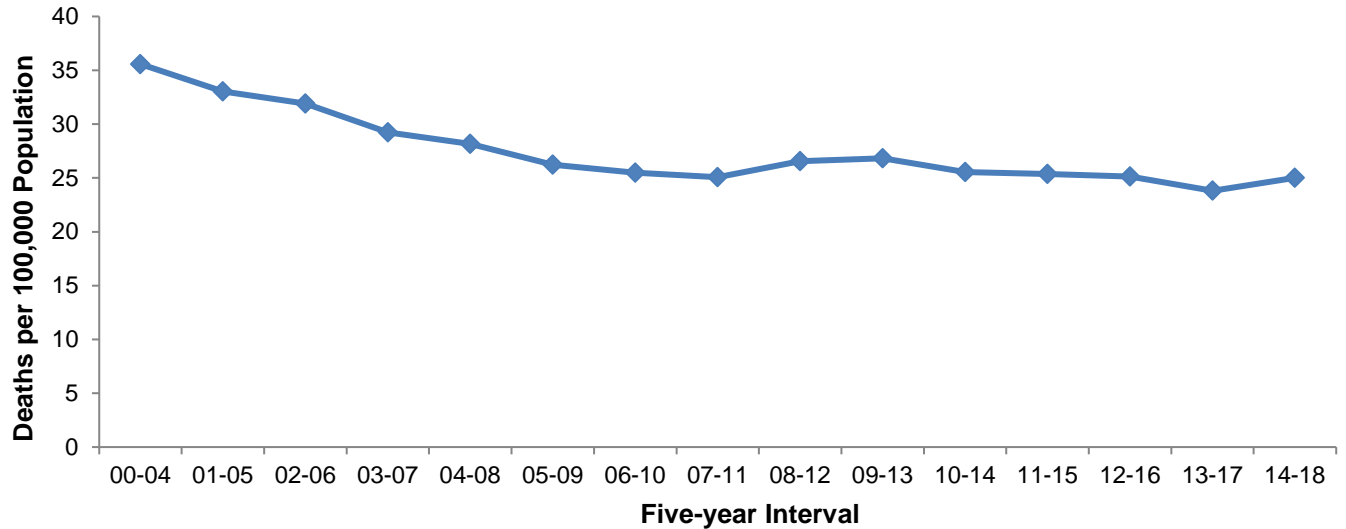
The background of the slide features a pattern of approximately 15 parallel, diagonal gray lines. These lines are evenly spaced and run from the top-left towards the bottom-right, creating a textured, grid-like effect.

Mortality

For 2014-2018, 275 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 71 percent of all child deaths in 2014-2018.

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 2014-2018, the rate decreased 30 percent to 25.0 child deaths (ages 1-19) per 100,000 population.

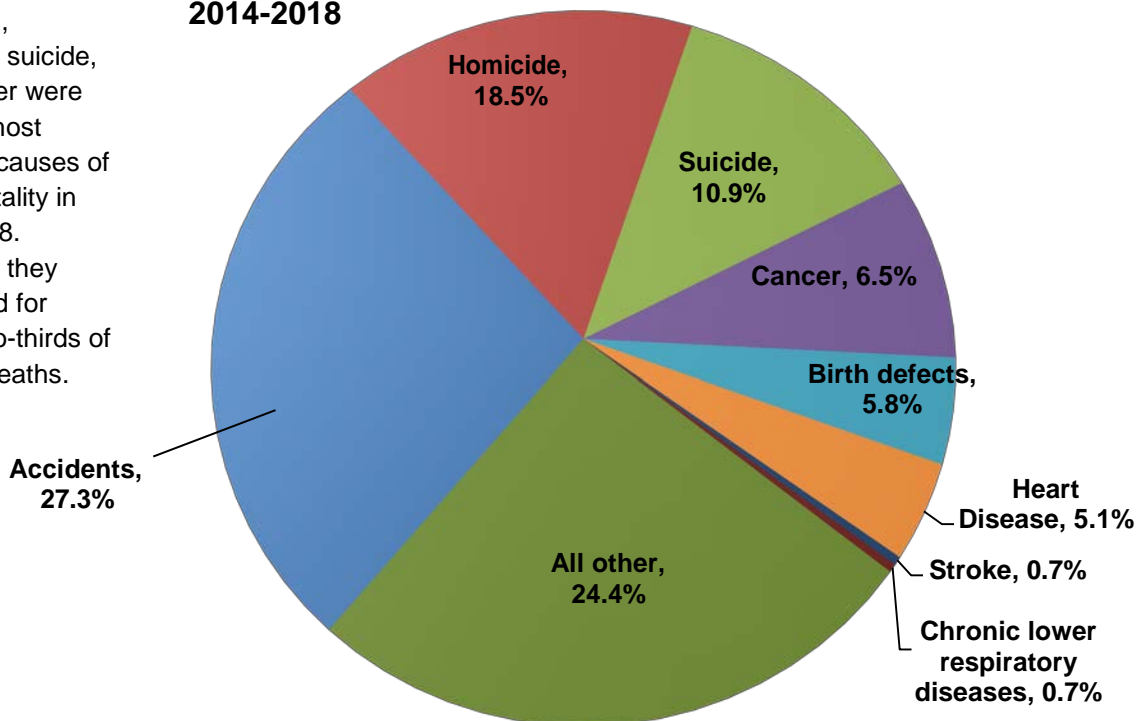
Figure 43. Five-year Average Child (1-19) Mortality Rates, Delaware, 2000-2018



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

Figure 44. Leading Causes of Child Mortality, Delaware, 2014-2018

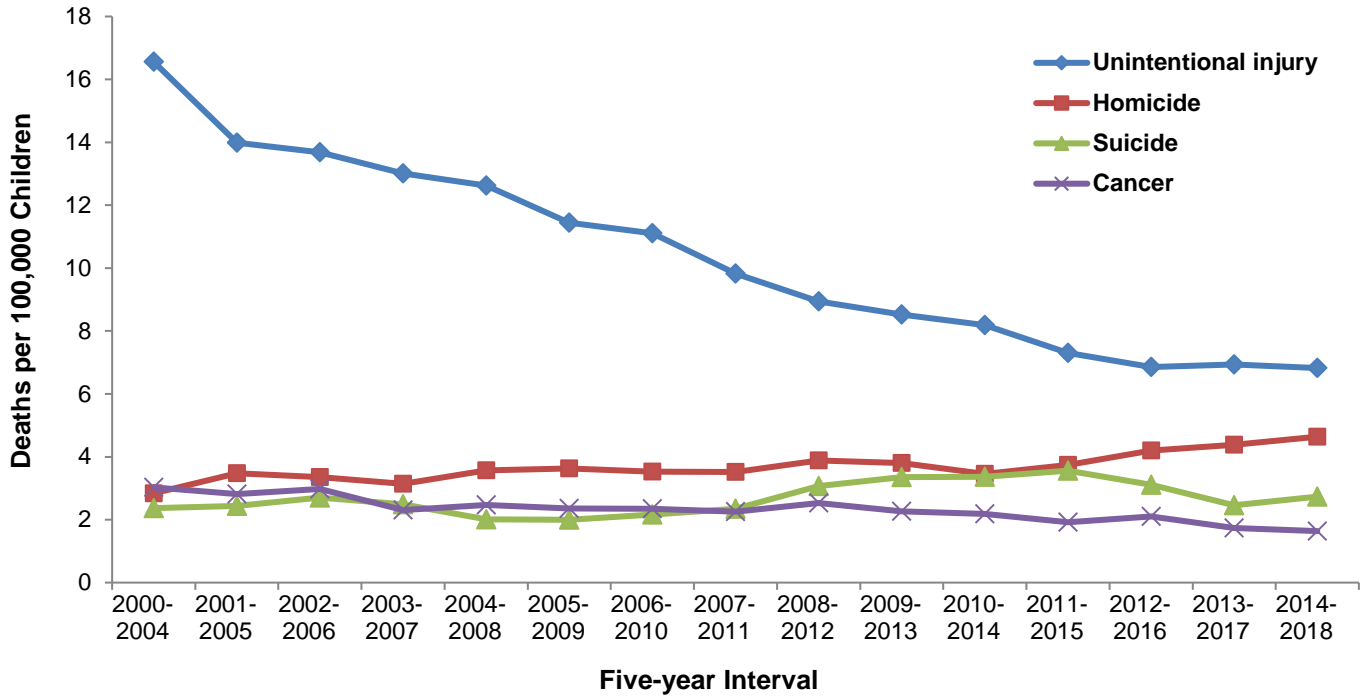
Accidents, homicide, suicide, and cancer were the four most common causes of child mortality in 2014-2018. Together, they accounted for nearly two-thirds of all child deaths.



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

From 2000-2004 to 2014-2018, 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 47 percent (3.0 to 1.6 deaths per 100,000 children). Homicide mortality rates increased by 64 percent from 2000-2004 to 2014-2018 (2.8 to 4.6 deaths per 100,000 children), while suicide mortality rates increased 12.5 percent to 2.7 deaths per 100,000 children.

Figure 45. Five-year Average Child (1-19) Mortality Rates, Delaware, 2000-2018



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

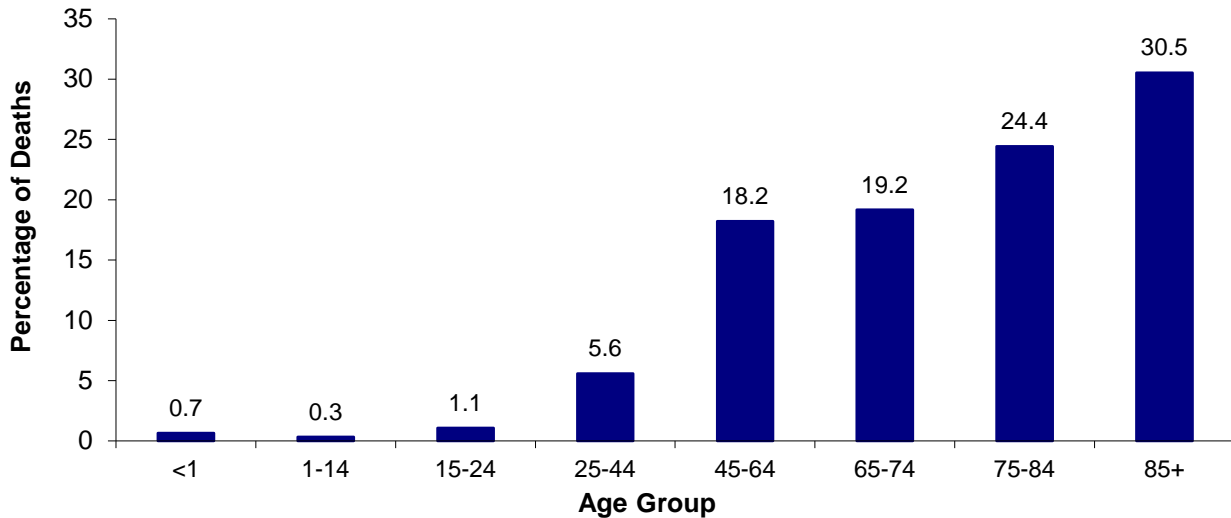
The most common causes of child deaths in 2014-2018 are:

- Motor vehicle crashes accounted for 55 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 13 percent of unintentional deaths, respectively.
- Most child homicides were due to firearms (77 percent) and suffocation (3.9 percent).
- The majority of child cancer deaths were due to brain cancer (39 percent) and leukemia (17 percent).
- Suffocation (40%), followed by firearms (30%), were the most common methods of suicide, which accounted for 70 percent of the total suicide deaths.

More Delaware residents died in 2018 than in 2017. A total of 9437 residents died, 62 of whom were infants under the age of 1. Deaths were split almost equally between males (52%) and females(48%). Cancer and heart disease were the most common causes of death, accounting for 44 percent of all deaths in 2018.

- Thirty-one percent of the Delawareans who died in 2018 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, 2018



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

- A Delaware resident born in 2018 could expect to live an average of 78.5 years.
- In 2018, life expectancy at birth varied by race and sex; non-Hispanic white females had the highest life expectancy (81.5) while non-Hispanic black males had the lowest (71.8).
- In 1989, 80 percent of Delaware decedents were buried and 15 percent were cremated. By 2018, the distribution had shifted: 41.3 percent of decedents were buried and 53.4 percent were cremated.
- In 2018, cancer was the leading cause of death in Delaware. Heart disease, accidents, strokes and chronic lower respiratory disease made up the remaining top five, while diabetes became the seventh leading cause of death.

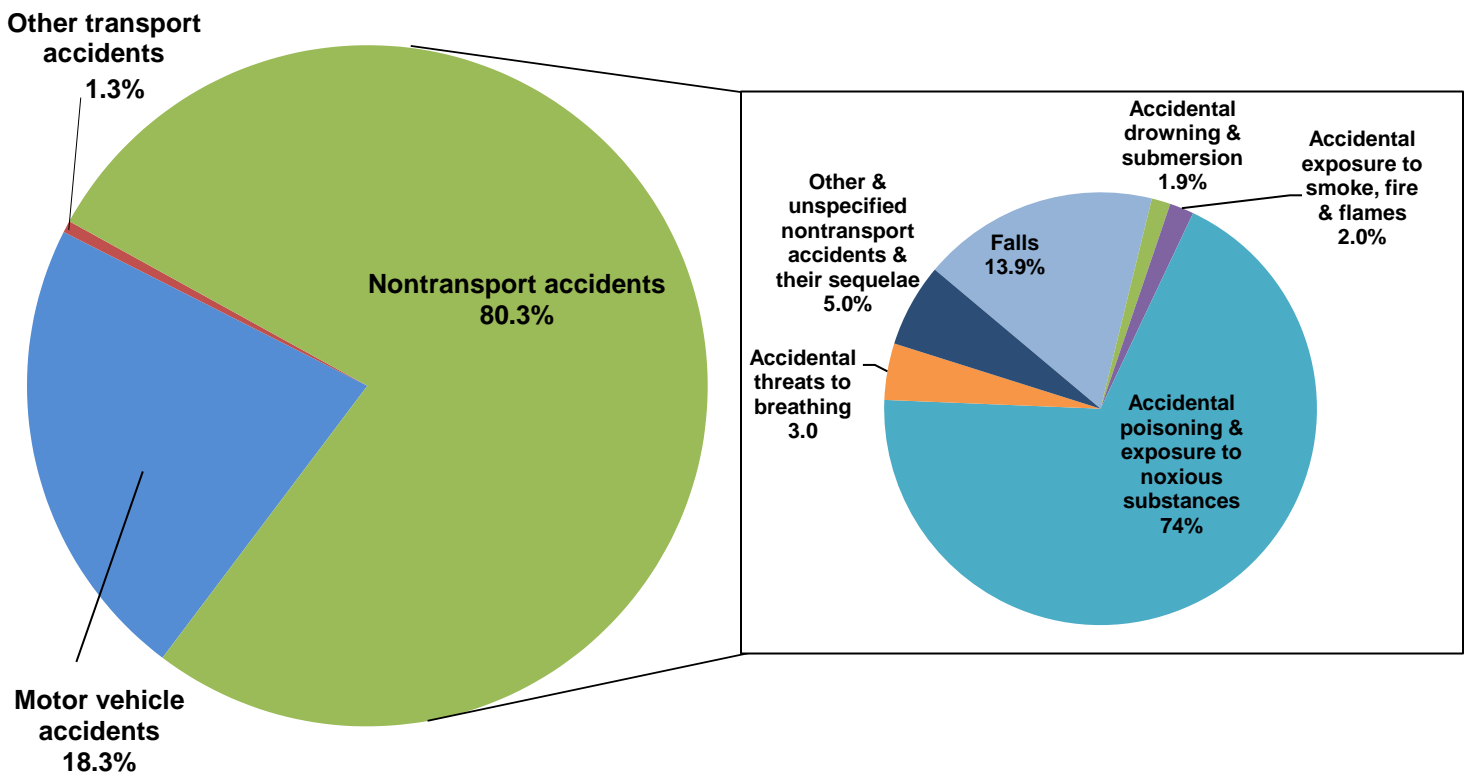
Figure 47. Number of Deaths by Leading Cause Delaware, 2018

Rank	Leading Cause of Death	Number
1	Malignant neoplasms	2,098
2	Diseases of heart	2,017
3	Accidents (unintentional injuries)	671
4	Cerebrovascular diseases	605
5	Chronic lower respiratory diseases	530
6	Alzheimer's disease	412
7	Diabetes mellitus	238
8	Nephritis, nephrotic syndrome & nephrosis	209
9	Influenza & pneumonia	168
10	Septicemia	118

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

- Of the 671 deaths due to unintentional injury in 2018 (7.1 percent of all deaths), 18.3 percent were due to motor vehicle accidents and 80.3 percent were due to non-transport accidents. Nearly three quarters (74 percent) of the 539 non-transport accidents were caused by unintentional poisonings; the majority (96 percent) of unintentional poisonings were drug-induced poisonings.
- For the tenth year, unintentional poisonings surpassed motor vehicle injuries as the leading cause of unintentional injury death in 2018.
 - Poisonings caused the most unintentional injuries for non-Hispanic white and non-Hispanic black decedents with the exception of non-Hispanic black females where motor vehicles were the highest. Motor vehicle traffic accidents were the second highest unintentional injuries for males both non-Hispanic black and non-Hispanic white. Non-Hispanic black females had poisoning as second highest. Falls were the second highest unintentional injuries for non-Hispanic white females.
- In 2014-2018, accidents were the number one cause of deaths for people 1-44 years of age, and they were responsible for 44 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 80% of total deaths for that age group.

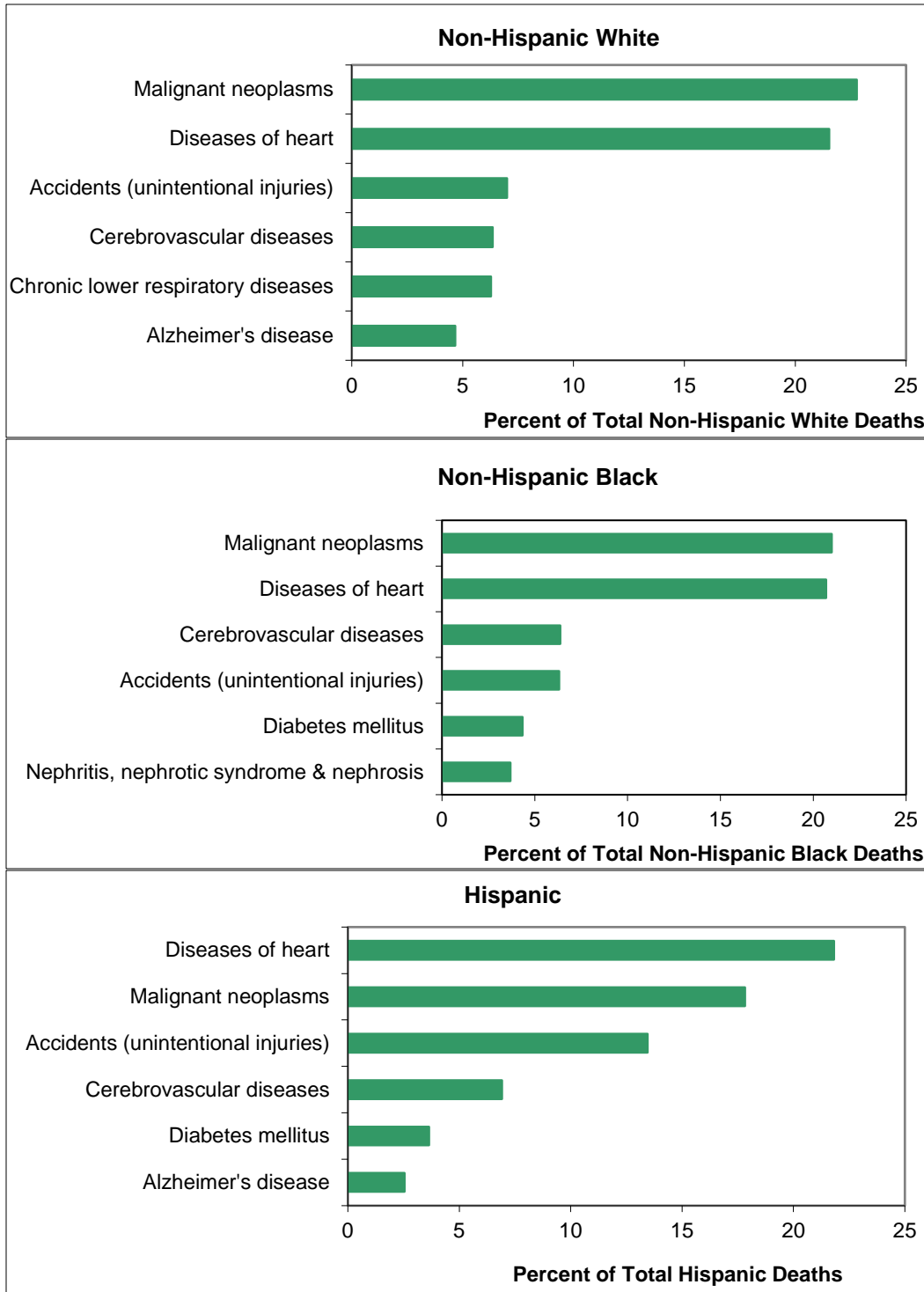
Figure 48. Accidental Causes of Death by Specific Cause of Injury, Delaware, 2018



*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 2018, 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, 2018

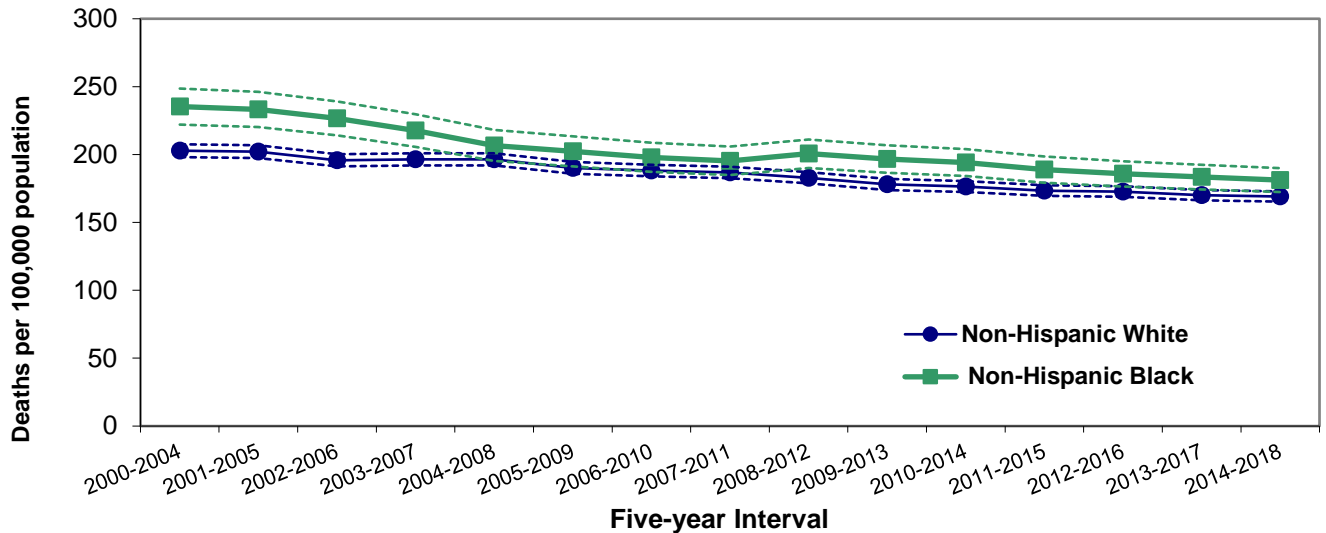


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Cancer mortality rates decreased in all three counties since the 2000-2004 time period. In 2014-2018, the five-year age-adjusted cancer mortality rate was 161.0 deaths per 100,000 population in Sussex County, 162.2 deaths per 100,000 population in New Castle County, and 182.3 deaths per 100,000 population in Kent County. The cancer mortality rate in Wilmington exceeded that of Kent County at 185.8 and is 12 percent higher than the Delaware age-adjusted cancer mortality rate of 165.3 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. In 2014-2018, the non-Hispanic black cancer mortality rate of 181.2 deaths per 100,000 population was 7.2 % higher than non-Hispanic white rate of 169.1 deaths per 100,000 population whereas in 2000-2004 the non-Hispanic black rate was 16 % higher (235.3 vs 202.8).

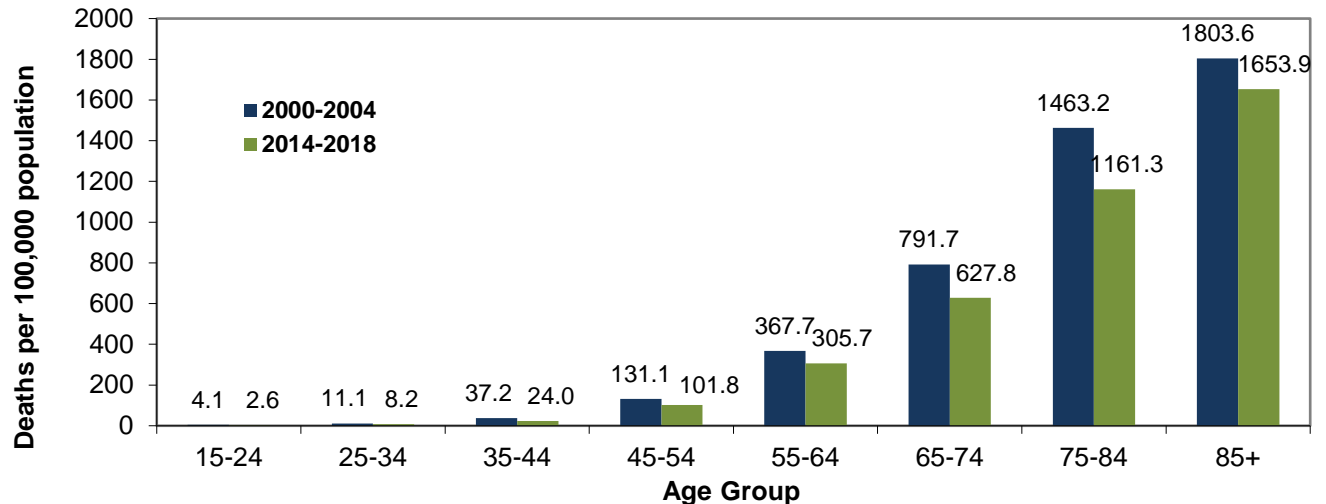
Figure 50. Five-year Age-Adjusted Cancer Mortality Rates by Race, Delaware, 2000-2018



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 the 2000-2004 and 2014-2018 time periods. The 15-24 and 35-44 age groups experienced the largest decreases; 37 and 36 percent decreases, respectively.

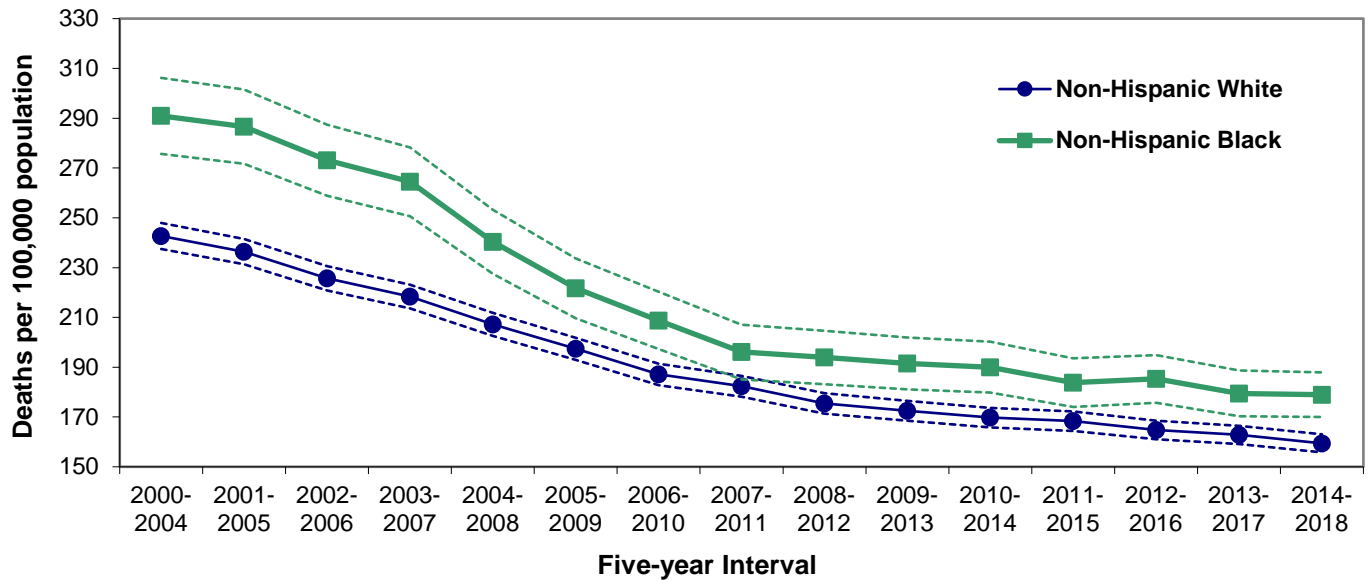
Figure 51. Five-year Average Age-Specific Cancer Mortality Rates, Delaware, 2000-2004 and 2014-2018



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 2014-2018. Non-Hispanic black and non-Hispanic white heart disease mortality rates have declined significantly since 2000-2004, with non-Hispanic black rates declining 39 percent and the non-Hispanic white rates declining 34 percent.

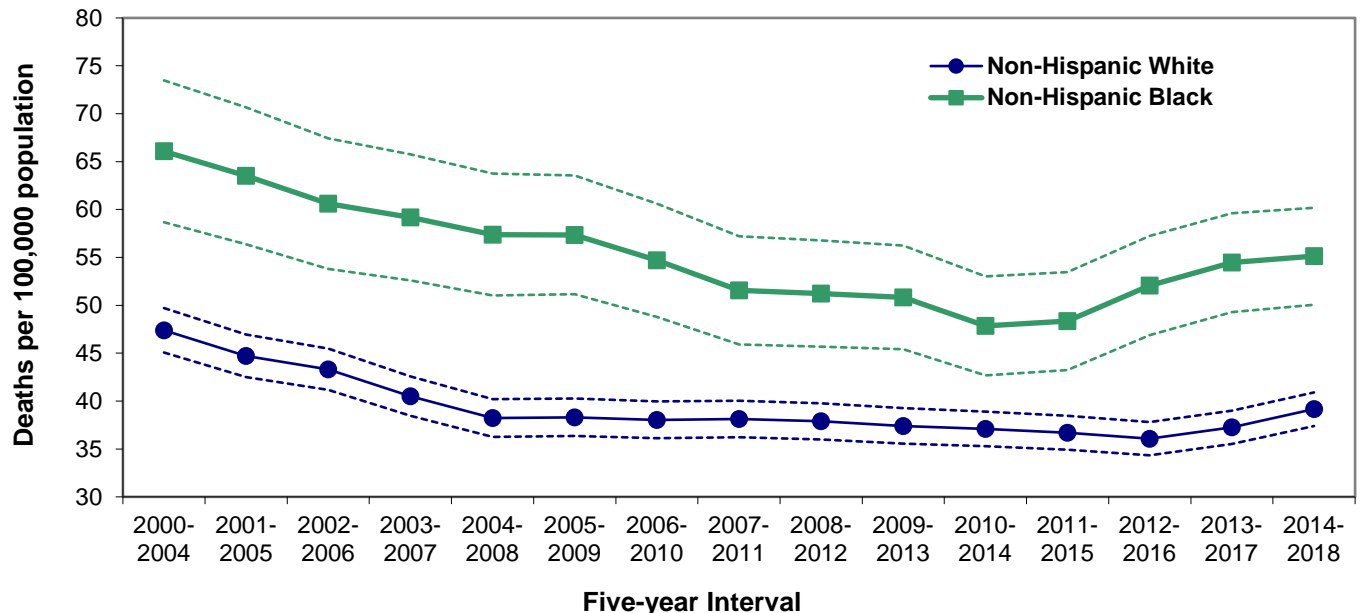
Figure 52. Five-year Age-Adjusted Heart Disease Mortality Rates by Race, Delaware, 2000-2018



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 17 percent from 2000-2004 to 2014-2018. In 2014-2018, the non-Hispanic black stroke mortality rate of 55.1 deaths per 100,000 population was 41 percent higher than the non-Hispanic white rate of 39.2 deaths per 100,000 population.

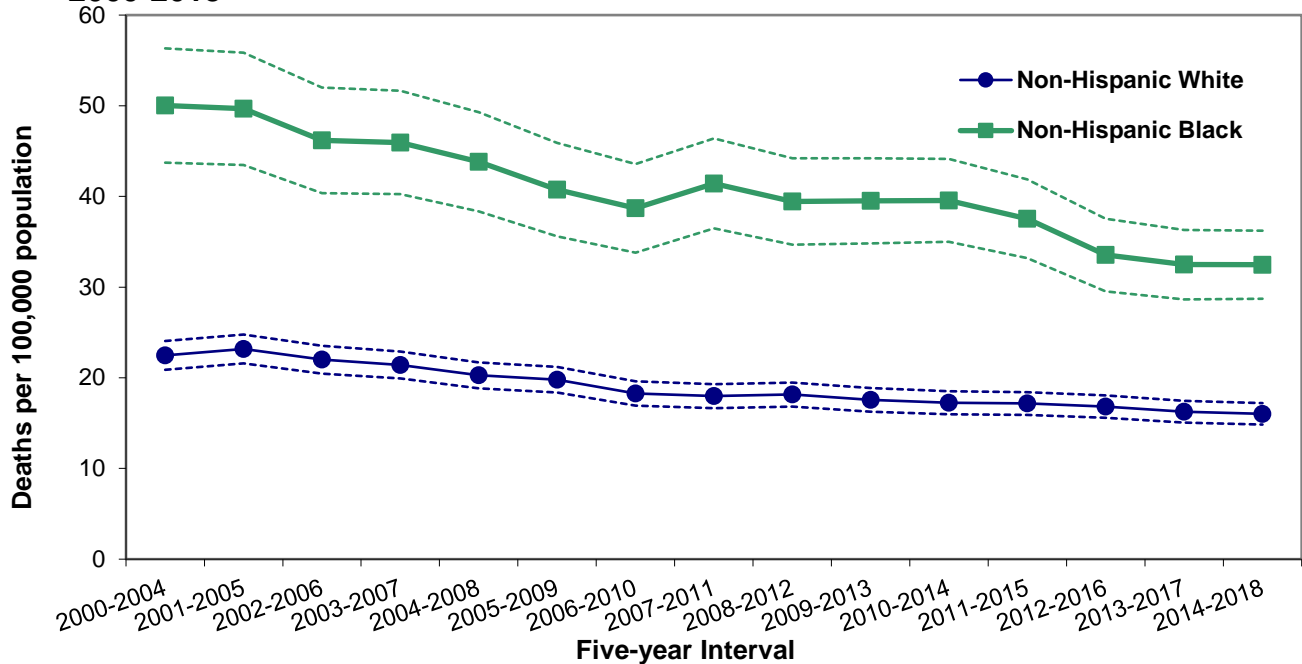
Figure 53. Five-year Age-Adjusted Stroke Mortality Rates by Race, Delaware, 2000-2018



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 35 percent since 2000-2004, their rates were double that of non-Hispanic white rates in 2014-2018.

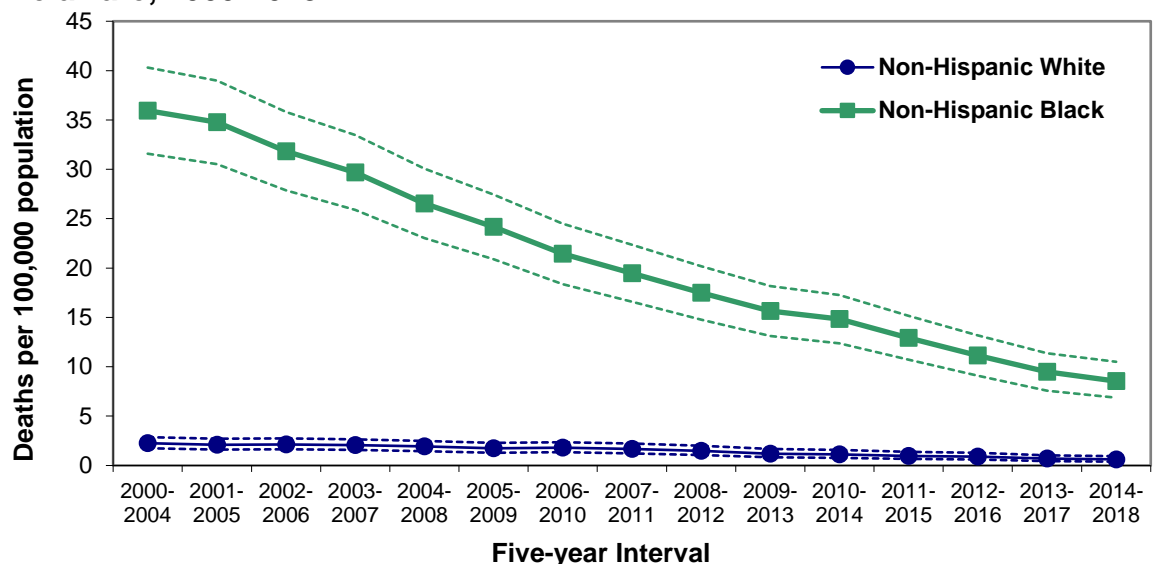
Figure 54. Five-year Age-Adjusted Diabetes Mortality Rates by Race, Delaware, 2000-2018



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 76 percent since 2000-2004, their 2014-2018 mortality rate of 8.5 deaths per 100,000 population was more than 14 times that of non-Hispanic whites. Non-Hispanic black residents made up only 21 percent of the total Delaware population in 2014-2018; however, non-Hispanic black decedents accounted for 74 percent of all deaths due to HIV/AIDS.

Figure 55. Five-year Age-Adjusted HIV/AIDS Mortality Rates by Race, Delaware, 2000-2018

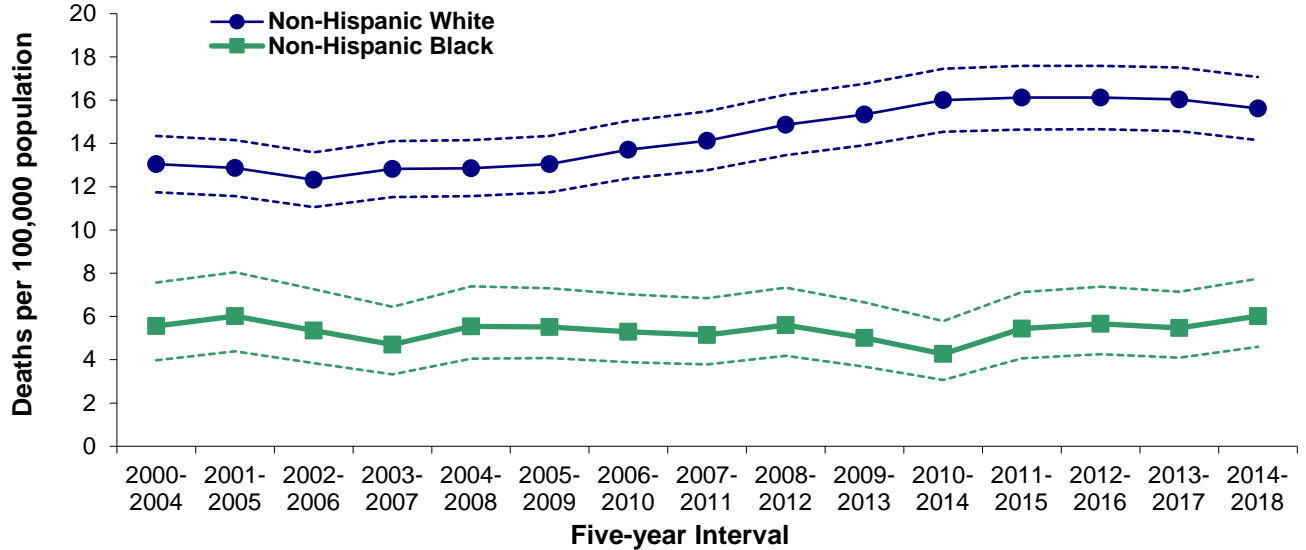


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

In 2014-2018, HIV was the thirteenth leading cause of death for non-Hispanic black Delawareans; it ranked eleventh for non-Hispanic black males and fourteenth for non-Hispanic black females.

Suicide mortality trends for non-Hispanic white populations increased 20 percent from 2000-2004 to 2014-2018, with the non-Hispanic white rate (15.6 deaths per 100,000 population) nearly triple the non-Hispanic black rate (6.0 deaths per 100,000 population).

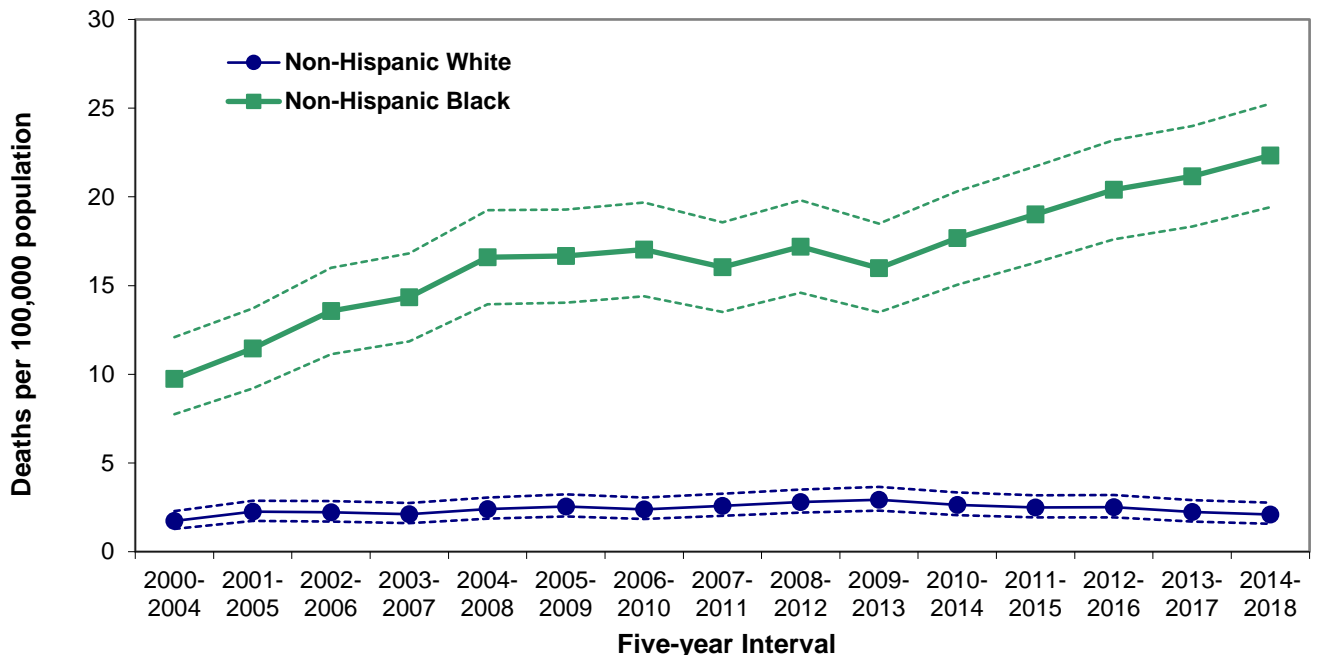
Figure 56. Five-year Age-Adjusted Suicide Mortality Rates by Race, Delaware, 2000-2018



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 84 percent from 3.8 in 2000-2004 to 7.0 deaths per 100,000 population in 2014-2018. During the same period, the non-Hispanic black homicide rate increased 130 percent to 22.3 deaths per 100,000 population and the non-Hispanic white homicide mortality rate increased 24 percent from 1.7 to 2.1 deaths per 100,000 population.

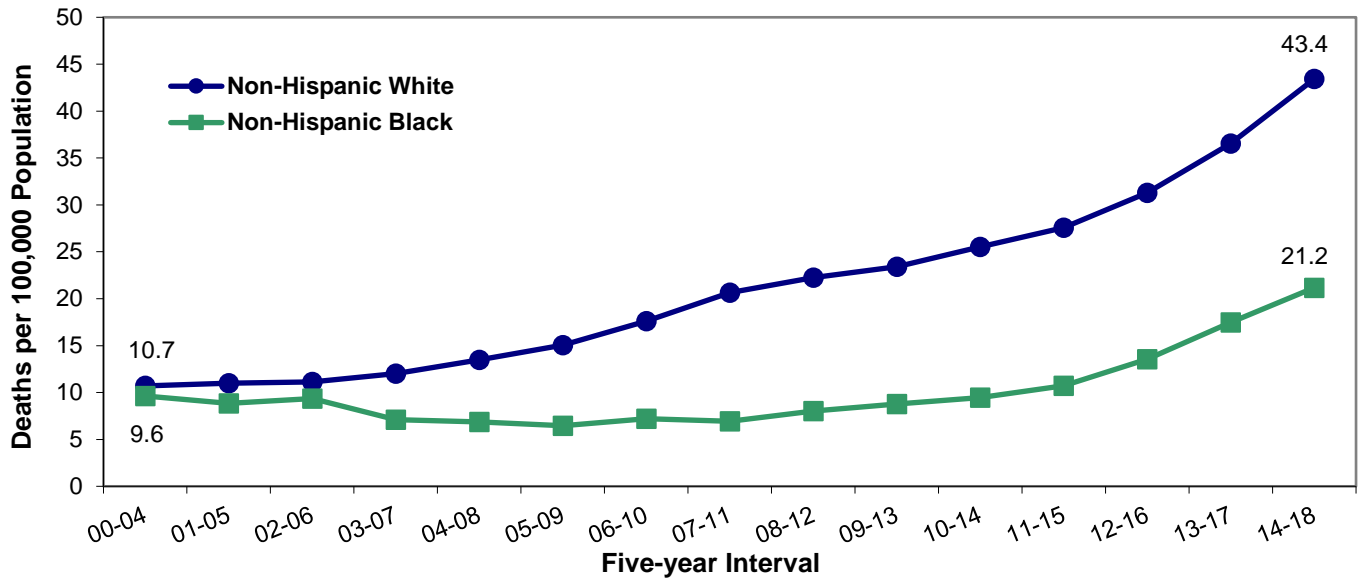
Figure 57. Five-year Age-Adjusted Homicide Mortality Rates by Race, Delaware, 2000-2018



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

In 2000-2004, non-Hispanic white mortality rates for drug-induced deaths were 11 percent higher than non-Hispanic black rates. In 2014-2018, 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 2014-2018, non-Hispanic white rates increased 306 percent (10.7 to 43.4 deaths per 100,000 population) and non-Hispanic black rates increased 121 percent (9.6 to 21.2 deaths per 100,000 population).

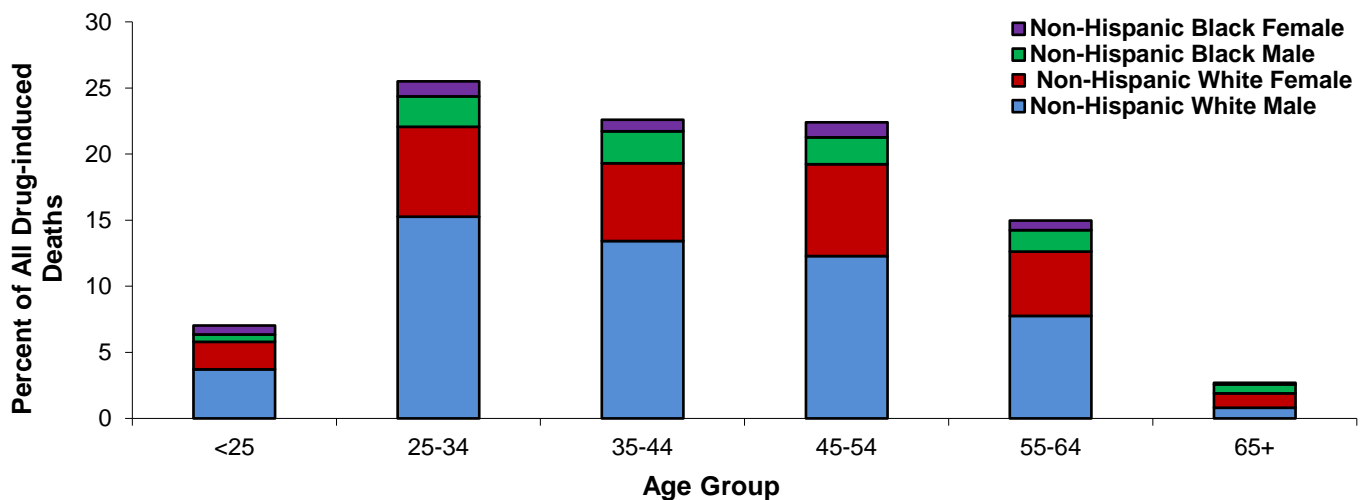
Figure 58. Five-year Age-adjusted Mortality Rates for Drug-induced Deaths by Race, Delaware, 2000-2018



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. Non-Hispanic black decedents accounted for only 14 percent of drug induced deaths in 2014-2018. Fifty three percent of all drug-induced deaths were non-Hispanic white males. Non-Hispanic white males and females aged 25- to-54 made up the highest percentages of drug-induced deaths accounting for 61 percent of drug-induced deaths.

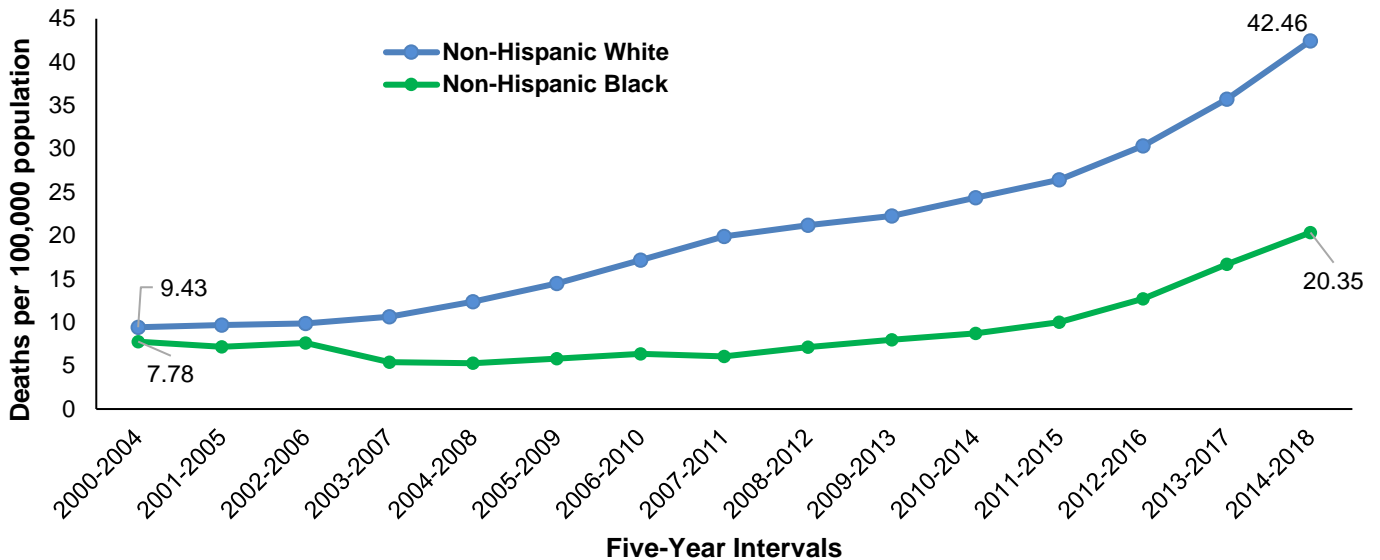
Figure 59. Distribution of Drug-induced Deaths by Race, Sex, and Age group, Delaware 2014-2018



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 drug overdose mortality rate of 9.43 was 21 percent higher than the non-Hispanic black rate of 7.78 deaths per 100,000 population. In 2014-2018, the five-year age-adjusted mortality rate for drug overdose deaths among non-Hispanic whites increased 350 percent to 42.46 deaths per 100,000 population, while the non-Hispanic black rate increased 162 percent to 20.35 deaths per 100,000 population.

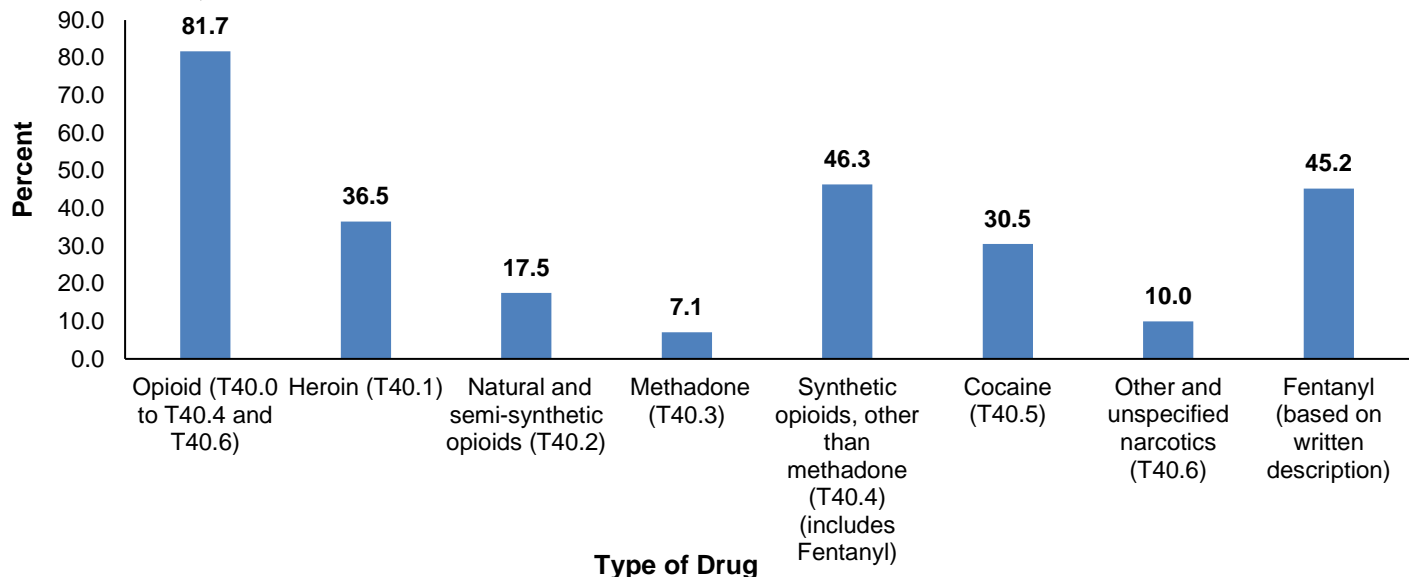
Figure 60. Five-Year Age-adjusted Mortality Rates for Drug Overdose by Race, Delaware 2000-2018



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

In 2014-2018, 82 percent of drug overdose deaths were opioid related, 46 percent were synthetic opioids other than methadone, 45 percent were Fentanyl, and 37 percent involved heroin. Thirty one percent of overdose deaths involved cocaine. In the same time period, methadone contributed to the least number of drug overdose deaths at 7 percent.

Figure 61. Percentage of Drug Overdose Deaths by Type of Drug, Delaware, 2014-2018



Source: Delaware Department of 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, 2005-2018

Area/ Race	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S.														
All Races	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	327,167,434
Non-Hispanic Wh	198,880,984	199,200,396	199,492,421	199,783,797	199,993,079	200,214,745	200,386,490	200,637,934	200,775,144	200,974,408	201,105,052	201,184,893	201,240,793	201,068,278
Non-Hispanic Bla	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	42,834,826
Other Non-Hispa	16,341,265	16,853,716	17,357,234	17,864,651	18,346,146	18,570,678	18,261,440	18,225,196	18,598,429	18,345,491	18,282,370	18,028,487	18,854,023	18,164,330
Delaware														
All Races	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	9,437
Non-Hispanic Wh	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	7,329
Non-Hispanic Bla	1,228	1,215	1,162	1,200	1,254	1,245	1,248	1,387	1,284	1,424	1,438	1,504	1,703	1,682
Other Non-Hispa	59	62	80	73	109	102	117	108	118	127	127	113	137	151
Kent														
All Races	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	1,766
Non-Hispanic Wh	999	949	983	1,106	1,078	1,064	1,072	1,138	1,110	1,146	1,215	1,216	1,235	1,300
Non-Hispanic Bla	223	231	213	215	259	229	237	272	246	298	301	321	325	372
Other Non-Hispa	8	18	18	13	19	27	33	21	27	27	27	25	30	40
New Castle														
All Races	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	4,972
Non-Hispanic Wh	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	3,625
Non-Hispanic Bla	805	788	762	792	792	818	815	907	841	892	907	962	1,126	1,088
Other Non-Hispa	39	33	36	46	64	54	65	70	75	73	78	71	85	83
Wilmington														
All Races	765	728	705	726	692	713	697	691	651	729	666	716	738	664
Non-Hispanic Wh	337	318	317	305	299	279	289	269	247	283	264	270	251	259
Non-Hispanic Bla	399	382	353	385	355	403	360	382	362	390	359	403	431	358
Other Non-Hispa	2	6	1	3	3	3	9	9	7	8	6	7	8	5
Balance of NC County														
All Races	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	4,308
Non-Hispanic Wh	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	3,366
Non-Hispanic Bla	406	406	409	407	437	415	455	525	479	502	548	559	695	730
Other Non-Hispa	37	27	35	43	61	51	56	61	68	65	72	64	77	78
Sussex														
All Races	1,945	1,886	1,880	1,945	2,019	2,101	2,054	2,151	2,207	2,394	2,441	2,580	2,670	2,699
Non-Hispanic Wh	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	2,404
Non-Hispanic Bla	200	196	187	193	203	198	196	208	197	234	230	221	252	222
Other Non-Hispa	12	11	26	14	26	21	19	17	16	27	22	17	22	28

Notes:
2018 US data are unavailable from NCHS.

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, 2018

Area/ Age	All Races	White	Black	American Indian ¹	Asian or Pacific Islander (API)				All Other	Hispanic Origin ²
					Chinese	Japanese	Filipino	Other API		
Delaware	9,437	7,329	1,682	19	21	9	14	61	27	275
<1	62	19	33	0	0	0	0	0	2	8
1-4	15	4	8	0	0	0	0	0	0	3
5-14	17	5	6	0	0	0	0	2	1	3
15-24	100	46	45	0	1	0	0	1	1	6
25-34	237	153	61	0	1	0	1	0	1	20
35-44	291	182	87	0	1	0	1	2	2	16
45-54	556	363	165	0	2	0	2	1	0	23
55-64	1,163	853	252	3	2	0	0	8	4	41
65-74	1,808	1,348	383	5	1	0	1	13	9	48
75+	5,187	4,355	642	11	13	9	9	34	7	107
Unknown	1	0	0	0	0	0	0	0	0	0
Kent	1,766	1,300	372	8	2	4	4	12	10	54
<1	13	5	7	0	0	0	0	0	1	0
1-4	1	1	0	0	0	0	0	0	0	0
5-14	1	1	0	0	0	0	0	0	0	0
15-24	15	4	9	0	0	0	0	0	1	1
25-34	45	29	11	0	0	0	1	0	1	3
35-44	56	30	23	0	0	0	0	0	0	3
45-54	122	75	43	0	0	0	1	0	0	3
55-64	233	175	46	1	0	0	0	3	1	7
65-74	332	233	79	2	0	0	0	4	3	11
75+	948	747	154	5	2	4	2	5	3	26
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	4,972	3,625	1,088	4	18	4	8	41	8	176
<1	37	9	23	0	0	0	0	0	0	5
1-4	12	3	6	0	0	0	0	0	0	3
5-14	13	4	5	0	0	0	0	2	0	2
15-24	61	26	29	0	1	0	0	1	0	4
25-34	141	87	41	0	0	0	0	0	0	13
35-44	175	105	56	0	1	0	1	2	1	9
45-54	329	204	103	0	2	0	1	0	0	19
55-64	633	428	171	0	2	0	0	4	2	26
65-74	906	593	264	2	1	0	1	8	3	34
75+	2,664	2,165	390	2	11	4	5	24	2	61
Unknown	1	0	0	0	0	0	0	0	0	0
Wilmington	664	259	358	0	0	0	1	3	1	42
<1	13	1	12	0	0	0	0	0	0	0
1-4	4	0	2	0	0	0	0	0	0	2
5-14	1	0	1	0	0	0	0	0	0	0
15-24	6	0	5	0	0	0	0	0	0	1
25-34	27	7	17	0	0	0	0	0	0	3
35-44	40	13	23	0	0	0	0	0	1	3
45-54	49	16	24	0	0	0	0	0	0	9
55-64	96	32	58	0	0	0	0	0	0	6
65-74	147	48	90	0	0	0	0	0	0	9
75+	281	142	126	0	0	0	1	3	0	9
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	4,308	3,366	730	4	18	4	7	38	7	134
<1	24	8	11	0	0	0	0	0	0	5
1-4	8	3	4	0	0	0	0	0	0	1
5-14	12	4	4	0	0	0	0	2	0	2
15-24	55	26	24	0	1	0	0	1	0	3
25-34	114	80	24	0	0	0	0	0	0	10
35-44	135	92	33	0	1	0	1	2	0	6
45-54	280	188	79	0	2	0	1	0	0	10
55-64	537	396	113	0	2	0	0	4	2	20
65-74	759	545	174	2	1	0	1	8	3	25
75+	2,383	2,023	264	2	11	4	4	21	2	52
Unknown	1	1	0	0	0	0	0	0	0	0
Sussex	2,699	2,404	222	7	1	1	2	8	9	45
<1	12	5	3	0	0	0	0	0	1	3
1-4	2	0	2	0	0	0	0	0	0	0
5-14	3	0	1	0	0	0	0	0	1	1
15-24	24	16	7	0	0	0	0	0	0	1
25-34	51	37	9	0	1	0	0	0	0	4
35-44	60	47	8	0	0	0	0	0	1	4
45-54	105	84	19	0	0	0	0	1	0	1
55-64	297	250	35	2	0	0	0	1	1	8
65-74	570	522	40	1	0	0	0	1	3	3
75+	1,575	1,443	98	4	0	1	2	5	2	20
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-4. NUMBER OF DEATHS BY AGE AND RACE , COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2018

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	4,924	31	11	5	5	29	46	167	200	354	697	1,029	2,349	1
Non-Hispanic White	3,779	8	3	2	2	11	21	107	124	229	528	769	1,975	1
Non-Hispanic Black	899	18	5	1	1	18	19	43	58	102	132	216	285	0
Non-Hispanic Other	81	2	0	0	1	0	3	2	4	4	9	17	39	0
Hispanic	165	3	3	2	1	0	3	15	14	19	28	27	50	0
Kent														
All Races	939	8	1	1	1	2	9	32	37	79	134	199	437	0
Non-Hispanic White	676	3	1	1	1	2	1	18	19	48	104	135	344	0
Non-Hispanic Black	206	4	0	0	0	0	6	10	16	27	21	50	72	0
Non-Hispanic Other	20	1	0	0	0	0	1	1	0	1	3	6	7	0
Hispanic	37	0	0	0	0	0	1	3	2	3	6	8	14	0
New Castle														
All Races	2,525	18	9	4	4	18	29	96	120	206	373	503	1,144	1
Non-Hispanic White	1,812	4	2	1	1	5	14	62	70	127	264	336	925	1
Non-Hispanic Black	567	12	4	1	2	13	12	25	38	61	88	140	171	0
Non-Hispanic Other	48	0	0	0	1	0	2	0	4	2	5	9	25	0
Hispanic	98	2	3	2	0	0	1	9	8	16	16	18	23	0
Wilmington														
All Races	338	8	4	0	0	2	2	18	25	29	52	84	114	0
Non-Hispanic White	118	1	0	0	0	0	0	5	7	10	18	27	50	0
Non-Hispanic Black	186	7	2	0	0	2	2	10	14	12	29	50	58	0
Non-Hispanic Other	4	0	0	0	0	0	0	0	1	0	0	0	3	0
Hispanic	30	0	2	0	0	0	0	3	3	7	5	7	3	0
Balance of NC County														
All Races	2,187	10	5	4	4	16	27	78	95	177	321	419	1,030	1
Non-Hispanic White	1,694	3	2	1	1	5	14	57	63	117	246	309	875	1
Non-Hispanic Black	381	5	2	1	2	11	10	15	24	49	59	90	113	0
Non-Hispanic Other	44	0	0	0	1	0	2	0	3	2	5	9	22	0
Hispanic	68	2	1	2	0	0	1	6	5	9	11	11	20	0
Sussex														
All Races	1,460	5	1	0	1	9	8	39	43	69	190	327	768	0
Non-Hispanic White	1,291	1	0	0	0	4	6	27	35	54	160	298	706	0
Non-Hispanic Black	126	2	1	0	0	5	1	8	4	14	23	26	42	0
Non-Hispanic Other	13	1	0	0	0	0	0	1	0	1	1	2	7	0
Hispanic	30	1	0	0	1	0	1	3	4	0	6	1	13	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, 2018

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	4,513	31	4	4	3	10	15	70	91	202	466	779	2,838	0			
Non-Hispanic White	3,550	11	1	1	1	5	9	46	58	134	325	579	2,380	0			
Non-Hispanic Black	783	15	3	1	2	3	5	18	29	63	120	167	357	0			
Non-Hispanic Other	70	0	0	2	0	0	0	1	2	1	8	12	44	0			
Hispanic	110	5	0	0	0	2	1	5	2	4	13	21	57	0			
Kent																	
All Races	827	5	0	0	0	1	3	13	19	43	99	133	511	0			
Non-Hispanic White	624	2	0	0	0	0	1	11	11	27	71	98	403	0			
Non-Hispanic Black	166	3	0	0	0	1	2	1	7	16	25	29	82	0			
Non-Hispanic Other	20	0	0	0	0	0	0	1	0	0	2	3	14	0			
Hispanic	17	0	0	0	0	0	0	0	1	0	1	3	12	0			
New Castle																	
All Races	2,447	19	3	2	3	5	9	45	55	123	260	403	1,520	0			
Non-Hispanic White	1,813	5	1	1	1	2	5	25	35	77	164	257	1,240	0			
Non-Hispanic Black	521	11	2	0	2	1	3	16	18	42	83	124	219	0			
Non-Hispanic Other	35	0	0	1	0	0	0	1	1	1	3	6	23	0			
Hispanic	78	3	0	0	0	2	1	4	1	3	10	16	38	0			
Wilmington																	
All Races	326	5	0	0	1	0	2	9	15	20	44	63	167	0			
Non-Hispanic White	141	0	0	0	0	0	0	2	6	6	14	21	92	0			
Non-Hispanic Black	172	5	0	0	1	0	1	7	9	12	29	40	68	0			
Non-Hispanic Other	1	0	0	0	0	0	0	0	0	0	0	0	1	0			
Hispanic	12	0	0	0	0	0	1	0	0	2	1	2	6	0			
Balance of NC County																	
All Races	2,121	14	3	2	2	5	7	36	40	103	216	340	1,353	0			
Non-Hispanic White	1,672	5	1	1	1	2	5	23	29	71	150	236	1,148	0			
Non-Hispanic Black	349	6	2	0	1	1	2	9	9	30	54	84	151	0			
Non-Hispanic Other	34	0	0	1	0	0	0	0	1	1	3	6	22	0			
Hispanic	66	3	0	0	0	2	0	4	1	1	9	14	32	0			
Sussex																	
All Races	1,239	7	1	2	0	4	3	12	17	36	107	243	807	0			
Non-Hispanic White	1,113	4	0	0	0	3	3	10	12	30	90	224	737	0			
Non-Hispanic Black	96	1	1	1	0	1	0	1	4	5	12	14	56	0			
Non-Hispanic Other	15	0	0	1	0	0	0	1	1	0	3	3	7	0			
Hispanic	15	2	0	0	0	0	0	1	0	1	2	2	7	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, 2008-2018

CHARACTERISTIC		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Resident Deaths												
	Number	7,602	7,498	7,667	7,816	7,873	7,967	8,252	8,580	8,872	9,173	9,437
	Crude Rate	860.1	840.5	851.5	859.3	857.9	860.3	881.7	907.0	928.3	950.3	968.8
	AADR ²	791.6	762.4	760.8	759.7	744.3	726.4	728.7	735.8	738.4	741.8	747.4
Decedent's Race/Ethnicity												
White Non-Hispanic	Number	6,140	5,971	6,178	6,307	6,230	6,365	6,467	6,798	6,986	7,095	7,329
	Percent	80.8%	79.6%	80.6%	80.7%	79.1%	79.9%	78.4%	79.2%	78.7%	77.3%	77.7%
	AADR ²	787.4	750.9	763.6	767.6	740.1	733.6	724.0	746.4	746.7	745.5	756.3
Black Non-Hispanic	Number	1,200	1,254	1,245	1,248	1,387	1,284	1,424	1,438	1,504	1,703	1,682
	Percent	15.8%	16.7%	16.2%	16.0%	17.6%	16.1%	17.3%	16.8%	17.0%	18.6%	17.8%
	AADR ²	864.9	878.5	857.3	823.1	895.4	780.8	842.5	811.7	818.4	881.2	846.3
Hispanic ¹	Number	189	164	142	144	148	200	234	217	269	238	275
	Percent	2.5%	2.2%	1.9%	1.8%	1.9%	2.5%	2.8%	2.5%	3.0%	2.6%	2.9%
	AADR ²	801.4	672.0	542.7	494.9	464.0	605.3	695.2	584.7	713.0	612.7	631.7
Decedent's Gender												
Female	Number	3,850	3,782	3,802	3,946	4,015	3,936	4,062	4,209	4,275	4,426	4,513
	Percent	50.6%	50.4%	49.6%	50.5%	51.0%	49.4%	49.2%	49.1%	48.2%	48.3%	47.8%
	AADR ²	682.0	656.2	644.9	660.5	648.6	616.0	615.3	621.9	610.0	614.7	609.0
Male	Number	3,752	3,716	3,865	3,870	3,858	4,031	4,190	4,371	4,597	4,747	4,924
	Percent	49.4%	49.6%	50.4%	49.5%	49.0%	50.6%	50.8%	50.9%	51.8%	51.7%	52.2%
	AADR ²	927.1	891.4	901.6	880.0	860.0	863.8	872.4	876.1	895.6	896.8	915.8
Decedent's age												
<1	Number	101	91	88	98	84	68	74	100	87	72	62
	Percent	1.3%	1.2%	1.1%	1.3%	1.1%	0.9%	0.9%	1.2%	1.0%	0.8%	0.7%
1-14	Number	23	27	18	28	30	29	22	22	24	26	32
	Percent	0.3%	0.4%	0.2%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%
15-24	Number	91	92	97	86	89	82	88	90	95	105	100
	Percent	1.2%	1.2%	1.3%	1.1%	1.1%	1.0%	1.1%	1.0%	1.1%	1.1%	1.1%
25-44	Number	400	359	362	356	388	359	375	410	430	463	528
	Percent	5.3%	4.8%	4.7%	4.6%	4.9%	4.5%	4.5%	4.8%	4.8%	5.0%	5.6%
45-64	Number	1,552	1,529	1,578	1,579	1,620	1,739	1,610	1,662	1,681	1,796	1,719
	Percent	20.4%	20.4%	20.6%	20.2%	20.6%	21.8%	19.5%	19.4%	18.9%	19.6%	18.2%
65-74	Number	1,276	1,313	1,307	1,357	1,325	1,385	1,546	1,605	1,763	1,881	1,808
	Percent	16.8%	17.5%	17.0%	17.4%	16.8%	17.4%	18.7%	18.7%	19.9%	20.5%	19.2%
75-84	Number	2,043	1,944	1,976	2,077	1,897	1,931	2,048	2,097	2,165	2,139	2,305
	Percent	26.9%	25.9%	25.8%	26.6%	24.1%	24.2%	24.8%	24.4%	24.4%	23.3%	24.4%
85+	Number	2,116	2,143	2,241	2,235	2,440	2,374	2,489	2,594	2,627	2,691	2,882
	Percent	27.8%	28.6%	29.2%	28.6%	31.0%	29.8%	30.2%	30.2%	29.6%	29.3%	30.5%

- 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, 2018

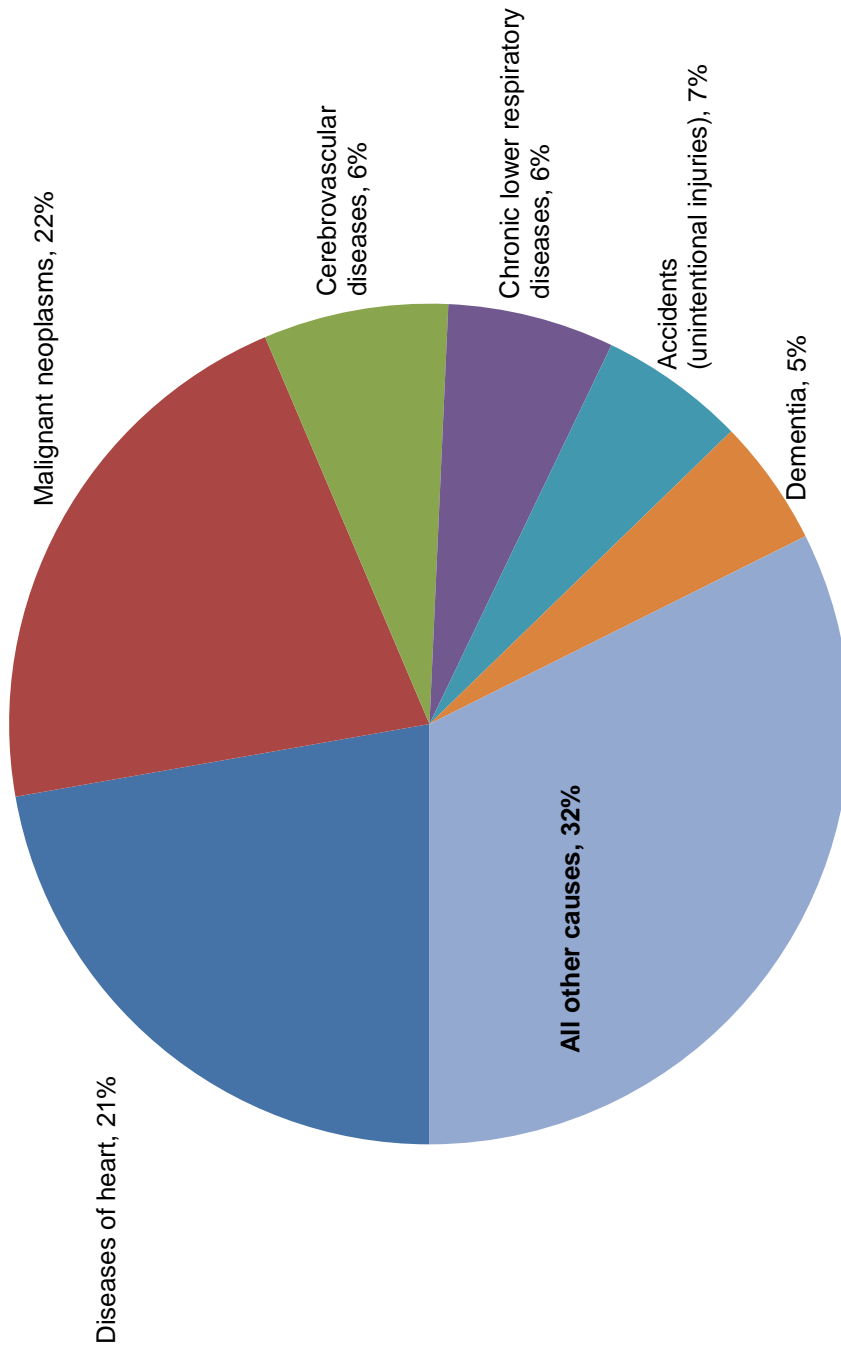
Cause of Death ¹	Deaths		Median Age at Death	
	Number	Percent	Male	Female
All causes	9,437	100.0	74	80
Malignant neoplasms	2,098	22.2	73	73
Diseases of heart	2,017	21.4	76	85
Accidents (unintentional injuries)	671	7.1	45	51
Cerebrovascular diseases	605	6.4	79	85
Chronic lower respiratory diseases	530	5.6	77	78
Dementia	461	4.9	86	90
Alzheimer's disease	412	4.4	86	88
Diabetes mellitus	238	2.5	71	75
Nephritis, nephrotic syndrome & nephrosis	209	2.2	77	79
Influenza & pneumonia	168	1.8	82	84
Other diseases of respiratory system	153	1.6	75	79
Septicemia	118	1.3	74	78
Parkinson's disease	115	1.2	81	82
Intentional self-harm (suicide)	113	1.2	42	44
Chronic liver disease & cirrhosis	108	1.1	64	62
Pneumonitis due to solids & liquids	79	0.8	79	84
Other diseases of circulatory system	71	0.8	76	80
Essential (primary) hypertension & hypertensive renal dis	65	0.7	73	86
Symptoms, signs & abnormal clinical & lab findings, nec	63	0.7	66	90
Assault (homicide)	58	0.6	25	34
Alcohol-induced deaths²	87	0.9	57	57
Drug-induced deaths²	413	4.4	40	44

Notes:

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

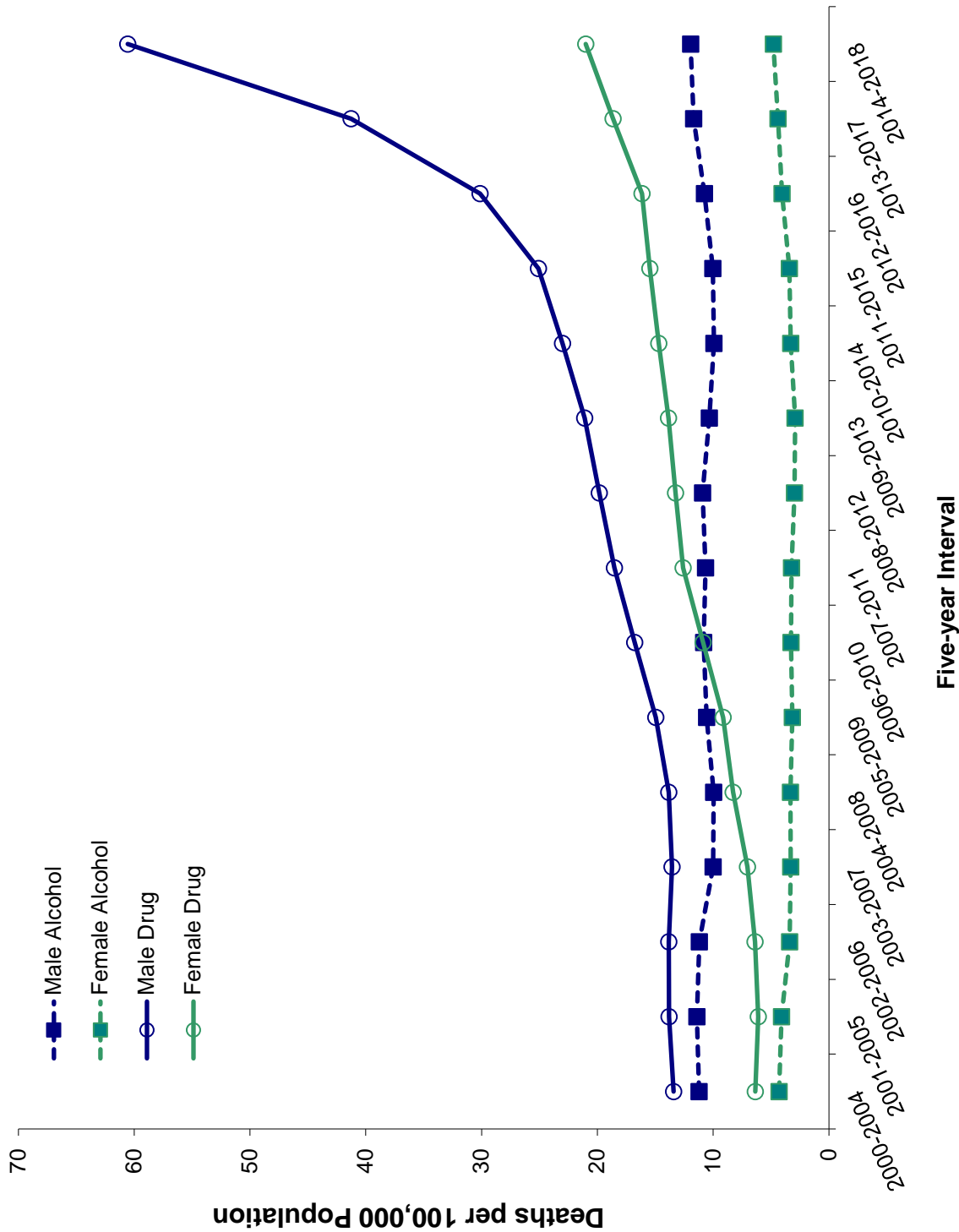
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure F-1. Leading Causes of Death, Delaware, 2018



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, 2000-2018



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, 2014-2018

Kent

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1,932	23.8
Diseases of heart	1,831	22.5
Chronic lower respiratory diseases	511	6.3
Accidents (unintentional injuries)	503	6.2
Cerebrovascular diseases	429	5.3
Alzheimer's disease	292	3.6
Diabetes mellitus	221	2.7
Nephritis, nephrotic syndrome & nephrosis	201	2.5
Influenza & pneumonia	138	1.7
Septicemia	136	1.7
Intentional self-harm (suicide)	115	1.4
Chronic liver disease & cirrhosis	99	1.2
Parkinson's disease	81	1.0
Pneumonitis due to solids & liquids	77	0.9
Essential (primary) hypertension & hypertensive renal disease	55	0.7
Assault (homicide)	50	0.6
All other causes	1,459	17.9
Total	8,130	100.0

New Castle

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5,254	22.5
Diseases of heart	4,825	20.6
Accidents (unintentional injuries)	1,552	6.6
Cerebrovascular diseases	1,488	6.4
Chronic lower respiratory diseases	1,244	5.3
Alzheimer's disease	843	3.6
Diabetes mellitus	592	2.5
Nephritis, nephrotic syndrome & nephrosis	540	2.3
Influenza & pneumonia	512	2.2
Septicemia	340	1.5
Intentional self-harm (suicide)	329	1.4
Parkinson's disease	236	1.0
Chronic liver disease & cirrhosis	234	1.0
Assault (homicide)	228	1.0
Pneumonitis due to solids & liquids	181	0.8
Certain conditions originating in the perinatal period	161	0.7
All other causes	4,841	20.7
Total	23,400	100.0

City of Wilmington

Cause of Death*	Deaths	
	#	%
Diseases of heart	730	20.8
Malignant neoplasms	712	20.3
Accidents (unintentional injuries)	268	7.6
Cerebrovascular diseases	198	5.6
Chronic lower respiratory diseases	175	5.0
Assault (homicide)	111	3.2
Diabetes mellitus	105	3.0
Alzheimer's disease	103	2.9
Nephritis, nephrotic syndrome & nephrosis	84	2.4
Septicemia	57	1.6
Influenza & pneumonia	52	1.5
Human immunodeficiency virus (HIV) disease	46	1.3
Certain conditions originating in the perinatal period	44	1.3
Intentional self-harm (suicide)	42	1.2
Chronic liver disease & cirrhosis	36	1.0
Essential (primary) hypertension & hypertensive renal disease	33	0.9
All other causes	717	20.4
Total	3,513	100.0

Sussex

Cause of Death*	Deaths	
	#	%
Diseases of the heart	3,142	24.6
Malignant neoplasms	3,105	24.3
Chronic Lower Respiratory Diseases	804	6.3
Accidents (unintentional injuries)	670	5.2
Cerebrovascular diseases	668	5.2
Alzheimer's Disease	436	3.4
Diabetes mellitus	311	2.4
Nephritis, nephrotic syndrome, and nephrosis	229	1.8
Septicemia	200	1.6
Chronic liver disease and cirrhosis	194	1.5
Influenza and pneumonia	184	1.4
Other diseases of respiratory system	170	1.3
Intentional self-harm (suicide)	148	1.2
Essential (primary) hypertension and hypertensive renal disease	99	0.8
Pneumonitis due to solids and liquids	93	0.7
Aortic aneurysm and dissection	41	0.3
All other causes	2,290	17.9
Total	12,784	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, 2014-2018

All Races, Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5,414	23.7
Diseases of heart	5,312	23.3
Accidents (unintentional injuries)	1,805	7.9
Chronic lower respiratory diseases	1,155	5.1
Cerebrovascular diseases	1,095	4.8
Diabetes mellitus	607	2.7
Alzheimer's disease	545	2.4
Nephritis, nephrotic syndrome & nephrosis	522	2.3
Intentional self-harm (suicide)	476	2.1
Influenza & pneumonia	419	1.8
All other causes	5,479	24.0
Total	22,829	100.0

All Races, Female

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4,877	22.7
Diseases of heart	4,486	20.9
Cerebrovascular diseases	1,490	6.9
Chronic lower respiratory diseases	1,404	6.5
Alzheimer's disease	1,026	4.8
Accidents (unintentional injuries)	920	4.3
Diabetes mellitus	517	2.4
Nephritis, nephrotic syndrome & nephrosis	448	2.1
Influenza & pneumonia	415	1.9
Septicemia	337	1.6
All other causes	5,565	25.9
Total	21,485	100.0

Non-Hispanic White, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	8,181	23.6
Diseases of heart	7,813	22.5
Chronic lower respiratory diseases	2,219	6.4
Accidents (unintentional injuries)	2,097	6.0
Cerebrovascular diseases	1,970	5.7
Alzheimer's disease	1,294	3.7
Diabetes mellitus	757	2.2
Influenza & pneumonia	688	2.0
Nephritis, nephrotic syndrome & nephrosis	648	1.9
Septicemia	527	1.5
All other causes	8,481	24.5
Total	34,675	100.0

Non-Hispanic Black, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1,740	22.4
Diseases of heart	1,621	20.9
Cerebrovascular diseases	478	6.2
Accidents (unintentional injuries)	451	5.8
Diabetes mellitus	307	4.0
Chronic lower respiratory diseases	290	3.7
Nephritis, nephrotic syndrome & nephrosis	282	3.6
Assault (homicide)	231	3.0
Alzheimer's disease	216	2.8
Septicemia	127	1.6
All other causes	2,008	25.9
Total	7,751	100.0

Hispanic, Both Sexes

Cause of Death*	Deaths	
	#	%
Diseases of heart	232	18.8
Malignant neoplasms	222	18.0
Accidents (unintentional injuries)	126	10.2
Cerebrovascular diseases	88	7.1
Certain conditions originating in the perinatal period	43	3.5
Alzheimer's disease	39	3.2
Diabetes mellitus	39	3.2
Chronic lower respiratory diseases	34	2.8
Chronic liver disease & cirrhosis	25	2.0
Influenza & pneumonia	24	1.9
All other causes	361	29.3
Total	1,233	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, 2014-2018

Non-Hispanic White Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4,370	24.6
Diseases of heart	4,230	23.8
Accidents (unintentional injuries)	1,357	7.6
Chronic lower respiratory diseases	988	5.6
Cerebrovascular diseases	806	4.5
Alzheimer's disease	466	2.6
Intentional self-harm (suicide)	403	2.3
Diabetes mellitus	399	2.2
Nephritis, nephrotic syndrome & nephrosis	353	2.0
Influenza & pneumonia	345	1.9
All other causes	4,044	22.8
Total	17,761	100.0

Non-Hispanic White Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	3,811	22.5
Diseases of heart	3,583	21.2
Chronic lower respiratory diseases	1,231	7.3
Cerebrovascular diseases	1,164	6.9
Alzheimer's disease	828	4.9
Accidents (unintentional injuries)	740	4.4
Diabetes mellitus	358	2.1
Influenza & pneumonia	343	2.0
Nephritis, nephrotic syndrome & nephrosis	295	1.7
Septicemia	263	1.6
All other causes	4,298	25.4
Total	16,914	100.0

Non-Hispanic Black Males

Cause of Death*	Deaths	
	#	%
Diseases of heart	869	21.7
Malignant neoplasms	834	20.8
Accidents (unintentional injuries)	315	7.9
Cerebrovascular diseases	226	5.6
Assault (homicide)	197	4.9
Diabetes mellitus	175	4.4
Nephritis, nephrotic syndrome & nephrosis	148	3.7
Chronic lower respiratory diseases	139	3.5
Septicemia	65	1.6
Alzheimer's disease	62	1.5
All other causes	981	24.5
Total	4,011	100.0

Non-Hispanic Black Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	906	24.2
Diseases of heart	752	20.1
Cerebrovascular diseases	252	6.7
Alzheimer's disease	154	4.1
Chronic lower respiratory diseases	151	4.0
Accidents (unintentional injuries)	136	3.6
Nephritis, nephrotic syndrome & nephrosis	134	3.6
Diabetes mellitus	132	3.5
Septicemia	62	1.7
Influenza & pneumonia	57	1.5
All other causes	1,004	26.8
Total	3,740	100.0

Hispanic Males

Cause of Death*	Deaths	
	#	%
Diseases of heart	134	18.9
Malignant neoplasms	130	18.4
Accidents (unintentional injuries)	102	14.4
Cerebrovascular diseases	44	6.2
Certain conditions originating in the perinatal period	23	3.2
Diabetes mellitus	22	3.1
Chronic lower respiratory diseases	21	3.0
Chronic liver disease & cirrhosis	16	2.3
Intentional self-harm (suicide)	15	2.1
Influenza & pneumonia	15	2.1
All other causes	186	26.3
Total	708	100.0

Hispanic Females

Cause of Death*	Deaths	
	#	%
Diseases of heart	98	18.7
Malignant neoplasms	92	17.5
Cerebrovascular diseases	44	8.4
Alzheimer's disease	27	5.1
Accidents (unintentional injuries)	24	4.6
Certain conditions originating in the perinatal period	20	3.8
Diabetes mellitus	17	3.2
chromosomal abnormalities	13	2.5
Chronic lower respiratory diseases	13	2.5
Nephritis, nephrotic syndrome & nephrosis	10	1.9
All other causes	167	31.8
Total	525	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, 2014-2018

1-4 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	11	18.3
Assault (homicide)	10	16.7
Congenital malformations, deformations, & Malignant neoplasms	8	13.3
Diseases of heart	6	10.0
Complications of medical & surgical care	2	3.3
Certain conditions originating in the perinatal period	1	1.7
Chronic lower respiratory diseases	1	1.7
Influenza & pneumonia	1	1.7
In situ neoplasms, benign neoplasms & neoplasms	1	1.7
Total	18	30.0
	60	100.0

5-14 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	13	19.7
chromosomal abnormalities	7	10.6
Malignant neoplasms	7	10.6
Intentional self-harm (suicide)	5	7.6
Diseases of heart	4	6.1
Assault (homicide)	3	4.5
Cerebrovascular diseases	2	3.0
Complications of medical & surgical care	1	1.5
Chronic lower respiratory diseases	1	1.5
Influenza & pneumonia	1	1.5
All other causes	22	33.3
Total	66	100.0

15-24 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	209	43.7
Assault (homicide)	100	20.9
Intentional self-harm (suicide)	75	15.7
Diseases of heart	17	3.6
Malignant neoplasms	16	3.3
Chronic lower respiratory diseases	3	0.6
Diabetes mellitus	3	0.6
Human immunodeficiency virus (HIV) disease	3	0.6
Congenital malformations, deformations, & Cerebrovascular diseases	2	0.4
All other causes	48	10.0
Total	478	100.0

25-44 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	959	43.5
Diseases of heart	220	10.0
Malignant neoplasms	186	8.4
Intentional self-harm (suicide)	185	8.4
Assault (homicide)	144	6.5
Diabetes mellitus	48	2.2
Chronic liver disease & cirrhosis	34	1.5
Cerebrovascular diseases	21	1.0
Human immunodeficiency virus (HIV) disease	20	0.9
Influenza & pneumonia	18	0.8
All other causes	371	16.8
Total	2,206	100.0

45-64 Years

Cause of Death*	Deaths	
	Number	Percent
Malignant neoplasms	2,626	31.0
Diseases of heart	1,588	18.8
Accidents (unintentional injuries)	857	10.1
Chronic lower respiratory diseases	332	3.9
Diabetes mellitus	317	3.7
Cerebrovascular diseases	276	3.3
Chronic liver disease & cirrhosis	262	3.1
Intentional self-harm (suicide)	223	2.6
Nephritis, nephrotic syndrome & nephrosis	175	2.1
Septicemia	130	1.5
All other causes	1,682	19.9
Total	8,468	100.0

65+ Years

Cause of Death*	Deaths	
	Number	Percent
Diseases of heart	7,963	24.4
Malignant neoplasms	7,450	22.8
Cerebrovascular diseases	2,282	7.0
Chronic lower respiratory diseases	2,208	6.8
Alzheimer's disease	1,556	4.8
Nephritis, nephrotic syndrome & nephrosis	780	2.4
Diabetes mellitus	756	2.3
Influenza & pneumonia	703	2.2
Accidents (unintentional injuries)	663	2.0
Septicemia	522	1.6
All other causes	7,758	23.8
Total	32,641	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, 2018

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)	2,017	1	1	0	0	5	2	16	31	94	202	359	1,306	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	9	0	0	0	0	0	0	0	0	0	2	0	7	0
Hypertensive heart disease (I11)	159	0	0	0	0	0	0	1	6	28	38	37	49	0
Hypertensive heart and renal disease (I13)	25	0	0	0	0	0	0	1	0	2	4	9	9	0
Ischemic heart disease (I20-I25)	1,124	0	0	0	0	0	0	2	8	45	101	214	754	0
All other forms of heart disease (I26-I51)	700	1	1	0	0	5	2	12	17	19	57	99	487	0
Malignant neoplasms (C00-C97)	2,098	0	1	1	1	1	2	15	26	136	377	588	951	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	30	0	0	0	0	0	0	0	0	4	8	7	11	0
Malignant neoplasms of digestive organs (C15-C26)	559	0	0	0	0	0	1	3	6	50	121	156	222	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	556	0	0	0	0	0	0	0	3	24	117	159	253	0
Malignant neoplasms of breast (C50)	151	0	0	0	0	0	0	1	4	23	28	42	53	0
Malignant neoplasms of female genital organs, (C51-C58)	103	0	0	0	0	0	0	1	2	7	19	41	33	0
Malignant neoplasms of male genital organs, (C60-C63)	103	0	0	0	0	0	0	0	0	1	11	25	66	0
Malignant neoplasms of urinary tract (C64-C68)	127	0	0	1	0	0	0	0	1	4	17	35	69	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	47	0	0	0	0	0	0	2	3	4	8	19	11	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	204	0	1	0	0	0	0	4	4	12	19	60	104	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	218	0	0	0	0	1	1	4	3	7	29	44	129	0
Cerebrovascular diseases (I60-I69)	605	0	0	1	0	0	1	1	3	16	49	114	420	0

TABLE F-12. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018
ALL RACES, BOTH SEXES - CON.

	Age of Decedent											Unk	
	<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)	0	0	0	0	0	0	0	2	17	57	132	321	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	2	2	3	0	11	24	137	132	106	108	50	96	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)	0	1	3	0	8	12	26	14	14	20	13	12	0
Nontransport Accidents (W00-X59, Y86)	2	1	0	0	3	11	110	116	90	87	35	84	0
Diabetes mellitus (E10-E14)	0	0	0	0	0	0	2	9	21	34	63	109	0
Influenza and pneumonia (J10-J18)	0	0	1	0	0	0	1	3	6	13	30	114	0
Alzheimer's disease (G30)	0	0	0	0	0	0	0	0	0	3	18	391	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	0	0	0	3	13	22	44	127	0
Septicemia (A40-A41)	0	1	0	0	0	0	0	3	8	18	27	61	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	1	7	14	29	8	20	15	9	10	0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0	0	0	0	6	14	36	32	20	0
Essential hypertension and hypertensive renal disease (I10, I12)	0	0	0	0	0	0	0	2	5	5	12	41	0
Aortic aneurysm and dissection (I71)	0	0	0	0	0	0	0	3	3	2	4	13	0
Assault (homicide) (X85-Y09, Y87.1)	1	4	1	0	8	11	11	14	5	1	1	1	0
Human immunodeficiency virus (HIV) (B20-B24)	0	0	0	0	0	0	1	3	7	10	2	2	0
Certain conditions originating in the perinatal period (P00-P96)	27	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	16	1	0	2	1	0	1	1	0	7	1	3	0
All other causes	15	4	2	5	5	7	23	42	85	204	322	1,201	1
TOTAL	62	15	9	8	39	61	237	291	556	1,163	1,808	5,187	1

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, 2018

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)	391	1	0	0	0	0	0	6	9	24	45	67	237	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)	24	0	0	0	0	0	0	0	2	5	7	2	8	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	2	1	2	1	0
Ischemic heart disease (I20-I25)	232	0	0	0	0	0	0	0	3	13	25	41	150	0
All other forms of heart disease (I26-I51)	129	1	0	0	0	2	0	6	4	4	12	22	78	0
Malignant neoplasms (C00-C97)	401	0	0	1	0	0	1	3	7	29	83	103	174	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	0	0	0	0	0	0	0	0	0	2	1	0	0
Malignant neoplasms of digestive organs (C15-C26)	112	0	0	0	0	0	0	1	1	12	28	27	43	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	117	0	0	0	0	0	0	0	2	5	27	32	51	0
Malignant neoplasms of breast (C50)	26	0	0	0	0	0	0	0	1	3	5	6	11	0
Malignant neoplasms of female genital organs, (C51-C58)	23	0	0	0	0	0	0	0	1	2	5	8	7	0
Malignant neoplasms of male genital organs, (C60-C63)	14	0	0	0	0	0	0	0	0	0	1	2	11	0
Malignant neoplasms of urinary tract (C64-C68)	18	0	0	1	0	0	0	0	0	0	3	7	7	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	10	0	0	0	0	0	0	0	0	2	2	6	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	31	0	0	0	0	0	0	0	2	2	5	8	14	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	47	0	0	0	0	0	1	2	0	3	5	6	30	0
Cerebrovascular diseases (I60-I69)	93	0	0	0	0	0	0	0	1	2	6	18	66	0

TABLE F-13. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, KENT COUNTY, DELAWARE, 2018

ALL RACES, BOTH SEXES - 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)	117	0	0	0	0	0	0	0	0	4	13	33	67	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	114	1	1	0	0	0	4	27	21	15	18	14	13	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)	25	0	0	0	0	0	2	5	5	1	5	5	2	0
Nontransport Accidents (W00-X59, Y86)	88	1	1	0	0	0	2	22	16	14	13	8	11	0
Diabetes mellitus (E10-E14)	45	0	0	0	0	0	0	0	2	5	7	15	16	0
Influenza and pneumonia (J10-J18)	30	0	0	0	0	0	0	0	1	2	3	5	19	0
Alzheimer's disease (G30)	97	0	0	0	0	0	0	0	0	0	1	1	95	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	38	0	0	0	0	0	0	0	0	5	5	6	22	0
Septicemia (A40-A41)	21	0	0	0	0	0	0	0	0	2	5	6	8	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	25	0	0	0	0	1	2	5	3	6	2	1	5	0
Chronic liver disease and cirrhosis (K70, K73-K74)	17	0	0	0	0	0	0	0	0	1	6	4	6	0
Essential hypertension and hypertensive renal disease (I10, I12)	14	0	0	0	0	0	0	0	0	4	1	1	8	0
Aortic aneurysm and dissection (I71)	3	0	0	0	0	0	0	0	1	0	0	0	2	0
Assault (homicide) (X85-Y09, Y87.1)	8	0	0	0	0	0	4	0	3	0	0	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	6	0	0	0	0	0	0	0	1	4	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	5	3	0	0	0	0	0	0	0	0	2	0	0	0
All other causes	339	6	0	0	0	0	1	4	7	19	35	58	209	0
TOTAL	1,766	13	1	1	0	3	12	45	56	122	233	332	948	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, 2018

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)	982	0	1	0	0	0	2	10	16	53	104	175	619	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	6	0	0	0	0	0	0	0	0	0	0	0	6	0
Hypertensive heart disease (I11)	93	0	0	0	0	0	0	1	4	15	24	24	25	0
Hypertensive heart and renal disease (I13)	14	0	0	0	0	0	0	1	0	0	3	7	3	0
Ischemic heart disease (I20-I25)	502	0	0	0	0	0	0	2	3	25	51	100	321	0
All other forms of heart disease (I26-I51)	367	0	1	0	0	2	2	6	9	13	26	44	264	0
Malignant neoplasms (C00-C97)	1,041	0	1	0	0	1	1	6	16	82	196	284	454	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	20	0	0	0	0	0	0	0	0	4	4	5	7	0
Malignant neoplasms of digestive organs (C15-C26)	287	0	0	0	0	0	1	0	5	30	63	74	114	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	248	0	0	0	0	0	0	0	1	13	56	74	104	0
Malignant neoplasms of breast (C50)	82	0	0	0	0	0	0	1	2	16	15	24	24	0
Malignant neoplasms of female genital organs, (C51-C58)	46	0	0	0	0	0	0	1	1	4	11	15	14	0
Malignant neoplasms of male genital organs, (C60-C63)	63	0	0	0	0	0	0	0	0	0	9	17	37	0
Malignant neoplasms of urinary tract (C64-C68)	64	0	0	0	0	0	0	0	1	2	5	16	40	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	25	0	0	0	0	0	0	1	2	2	5	10	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	105	0	1	0	0	0	0	3	2	9	11	25	54	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	101	0	0	0	0	1	0	0	2	2	17	24	55	0
Cerebrovascular diseases (I60-I69)	361	0	0	1	0	0	1	1	1	9	32	62	254	0

TABLE F-14. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, NEW CASTLE COUNTY, DELAWARE, 2018

ALL RACES, BOTH SEXES - 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)	271	0	0	0	0	0	0	0	1	11	30	58	171	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	395	1	1	1	7	14	80	86	69	63	51	22	51	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)	65	0	1	1	5	8	13	8	11	9	4	5	5	0
Nontransport Accidents (W00-X59, Y86)	325	1	0	0	2	5	67	77	56	53	18	46	46	0
Diabetes mellitus (E10-E14)	137	0	0	0	0	0	2	7	12	21	34	61	61	0
Influenza and pneumonia (J10-J18)	99	0	0	1	0	0	1	1	4	8	17	67	67	0
Alzheimer's disease (G30)	203	0	0	0	0	0	0	0	0	2	9	192	192	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	128	0	0	0	0	0	0	2	7	11	28	80	80	0
Septicemia (A40-A41)	57	0	1	0	0	0	0	2	5	6	12	31	31	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	61	0	0	0	1	3	9	17	5	11	10	3	2	0
Chronic liver disease and cirrhosis (K70, K73-K74)	50	0	0	0	0	0	0	3	7	17	16	7	7	0
Essential hypertension and hypertensive renal disease (I10, I12)	24	0	0	0	0	0	0	2	0	3	6	13	13	0
Aortic aneurysm and dissection (I71)	16	0	0	0	0	0	0	2	2	2	8	8	8	0
Assault (homicide) (X85-Y09, Y87.1)	41	1	4	1	5	7	10	8	4	1	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	17	0	0	0	0	0	1	2	3	8	2	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	20	20	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	18	9	0	0	2	1	0	1	0	4	1	0	0	0
All other causes	1,051	6	4	2	4	4	12	21	50	115	175	653	653	1
TOTAL	4,972	37	12	6	7	23	38	141	175	329	633	906	2,664	1

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, 2018

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)	129	0	0	0	0	0	0	3	2	7	13	35	69	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	0	0	2	0
Hypertensive heart disease (I11)	12	0	0	0	0	0	0	1	0	2	4	2	3	0
Hypertensive heart and renal disease (I13)	4	0	0	0	0	0	0	0	0	0	0	4	0	0
Ischemic heart disease (I20-I25)	62	0	0	0	0	0	0	0	0	1	3	21	37	0
All other forms of heart disease (I26-I51)	49	0	0	0	0	0	0	2	2	4	6	8	27	0
Malignant neoplasms (C00-C97)	142	0	0	0	0	0	0	0	4	13	30	37	58	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	0	0	0	0	0	0	0	0	2	1	0	0	0
Malignant neoplasms of digestive organs (C15-C26)	37	0	0	0	0	0	0	0	1	3	11	6	16	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	38	0	0	0	0	0	0	0	0	0	10	11	17	0
Malignant neoplasms of breast (C50)	17	0	0	0	0	0	0	0	1	4	2	3	7	0
Malignant neoplasms of female genital organs, (C51-C58)	7	0	0	0	0	0	0	0	0	2	0	4	1	0
Malignant neoplasms of male genital organs, (C60-C63)	15	0	0	0	0	0	0	0	0	0	3	5	7	0
Malignant neoplasms of urinary tract (C64-C68)	6	0	0	0	0	0	0	0	1	1	0	2	2	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	3	0	0	0	0	0	0	0	1	1	0	1	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	8	0	0	0	0	0	0	0	0	0	2	3	3	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	8	0	0	0	0	0	0	0	0	0	1	2	5	0
Cerebrovascular diseases (I60-I69)	39	0	0	0	0	0	1	0	0	4	6	12	16	0

TABLE F-15. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, WILMINGTON, DELAWARE, 2018

ALL RACES, BOTH SEXES - 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)	39	0	0	0	0	0	0	0	0	0	3	5	11	20	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	64	1	1	0	0	1	1	14	17	6	14	5	4	0	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)	11	0	1	0	0	1	1	4	2	2	0	0	0	0	0
Nontransport Accidents (W00-X59, Y86)	53	1	0	0	0	0	0	10	15	4	14	5	4	0	0
Diabetes mellitus (E10-E14)	17	0	0	0	0	0	0	1	0	1	1	8	6	0	0
Influenza and pneumonia (J10-J18)	15	0	0	0	0	0	0	0	0	0	0	2	3	10	0
Alzheimer's disease (G30)	15	0	0	0	0	0	0	0	0	0	0	0	1	14	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	12	0	0	0	0	0	0	0	0	0	0	1	1	10	0
Septicemia (A40-A41)	8	0	1	0	0	0	0	0	0	0	1	1	4	1	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	8	0	0	0	0	0	1	3	0	2	1	1	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	8	0	0	0	0	0	0	0	1	0	3	2	2	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	3	0	0	0	0	0	0	0	2	0	0	0	1	0	0
Aortic aneurysm and dissection (I71)	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Assault (homicide) (X85-Y09, Y87.1)	11	0	1	0	0	1	1	2	4	1	1	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	6	0	0	0	0	0	0	1	1	0	2	1	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
All other causes	139	4	1	0	1	0	0	3	8	11	16	25	70	0	0
TOTAL	664	13	4	0	1	2	4	27	40	49	96	147	281	0	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, 2018

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)	644	0	0	0	0	1	0	0	6	17	53	117	450	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	2	0	1	0
Hypertensive heart disease (I11)	42	0	0	0	0	0	0	0	0	8	7	11	16	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	0	0	0	5	0
Ischemic heart disease (I20-I25)	390	0	0	0	0	0	0	2	7	25	73	283	0	0
All other forms of heart disease (I26-I51)	204	0	0	0	0	1	0	4	2	19	33	145	0	0
Malignant neoplasms (C00-C97)	656	0	0	0	0	0	0	6	3	25	98	201	323	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	7	0	0	0	0	0	0	0	0	0	2	1	4	0
Malignant neoplasms of digestive organs (C15-C26)	160	0	0	0	0	0	0	2	0	8	30	55	65	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	191	0	0	0	0	0	0	0	0	6	34	53	98	0
Malignant neoplasms of breast (C50)	43	0	0	0	0	0	0	0	1	4	8	12	18	0
Malignant neoplasms of female genital organs, (C51-C58)	34	0	0	0	0	0	0	0	0	1	3	18	12	0
Malignant neoplasms of male genital organs, (C60-C63)	26	0	0	0	0	0	0	0	0	1	1	6	18	0
Malignant neoplasms of urinary tract (C64-C68)	45	0	0	0	0	0	0	0	0	2	9	12	22	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	12	0	0	0	0	0	0	1	1	0	1	3	6	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	68	0	0	0	0	0	0	1	0	1	3	27	36	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	70	0	0	0	0	0	2	1	2	5	11	34	100	0
Cerebrovascular diseases (I60-I69)	151	0	0	0	0	0	0	1	1	5	11	34	100	0

TABLE F-16. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, SUSSEX COUNTY, DELAWARE, 2018

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)	142	0	0	0	0	1	0	0	1	2	14	41	83	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	162	0	0	2	0	4	6	30	25	22	27	14	32	0
Motor Vehicle Accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, Y80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	33	0	0	2	0	3	2	8	1	2	6	4	5	0
Nontransport Accidents (W00-X59, Y86)	126	0	0	0	0	1	4	21	23	20	21	9	27	0
Diabetes mellitus (E10-E14)	56	0	0	0	0	0	0	0	0	4	6	14	32	0
Influenza and pneumonia (J10-J18)	39	0	0	0	0	0	0	0	1	0	2	8	28	0
Alzheimer's disease (G30)	112	0	0	0	0	0	0	0	0	0	0	8	104	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	43	0	0	0	0	0	0	0	1	1	6	10	25	0
Septicemia (A40-A41)	40	0	0	0	0	0	0	0	1	1	7	9	22	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	27	0	0	0	0	3	3	7	0	3	3	5	3	0
Chronic liver disease and cirrhosis (K70, K73-K74)	41	0	0	0	0	0	0	0	3	6	13	12	7	0
Essential hypertension and hypertensive renal disease (I10, I12)	27	0	0	0	0	0	0	0	0	1	1	5	20	0
Aortic aneurysm and dissection (I71)	6	0	0	0	0	0	0	0	0	1	0	2	3	0
Assault (homicide) (X85-Y09, Y87.1)	9	0	0	0	0	3	0	1	3	1	0	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Certain conditions originating in the perinatal period (P00-P96)	6	5	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	10	4	1	0	0	0	0	0	1	0	1	0	3	0
All other causes	526	3	0	0	1	1	2	7	14	16	54	89	339	0
TOTAL	2,699	12	2	2	1	13	11	51	60	105	297	570	1,575	0

Notes: *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, 2018

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)	1,114	1	0	0	0	0	5	1	14	22	76	134	243	618	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Hypertensive heart disease (I11)	97	0	0	0	0	0	0	0	1	5	24	23	24	20	0
Hypertensive heart and renal disease (I13)	17	0	0	0	0	0	0	0	1	0	2	1	8	5	0
Ischemic heart disease (I20-I25)	655	0	0	0	0	0	0	0	2	7	36	75	151	384	0
All other forms of heart disease (I26-I51)	343	1	0	0	0	5	1	10	10	14	14	34	60	208	0
Malignant neoplasms (C00-C97)	1,101	0	1	1	0	0	1	8	15	62	213	303	497	0	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	24	0	0	0	0	0	0	0	0	3	7	7	7	7	0
Malignant neoplasms of digestive organs (C15-C26)	333	0	0	0	0	0	0	2	5	32	80	99	115	0	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	275	0	0	0	0	0	0	0	3	9	64	72	127	0	0
Malignant neoplasms of breast (C50)	3	0	0	0	0	0	0	0	0	0	1	2	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	103	0	0	0	0	0	0	0	0	0	1	11	25	66	0
Malignant neoplasms of urinary tract (C64-C68)	83	0	0	1	0	0	0	0	1	2	10	21	48	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	30	0	0	0	0	0	0	1	3	4	7	11	4	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	122	0	1	0	0	0	0	2	2	7	11	37	62	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	128	0	0	0	0	0	1	3	1	4	22	29	68	0	0
Cerebrovascular diseases (I60-I69)	266	0	0	1	0	0	0	0	2	11	23	66	163	0	0

TABLE F-17. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018

ALL RACES, MALES - 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)	231	0	0	0	0	1	0	0	0	0	0	0	2	6	28	59	135	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	454	1	2	0	0	7	17	99	101	74	71	30	52	0	0	0	0	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)	83	0	1	0	0	5	8	18	9	12	14	7	9	0	0	0	0	0
Nontransport Accidents (W00-X59, Y86)	364	1	1	0	0	2	8	81	90	60	57	21	43	0	0	0	0	0
Diabetes mellitus (E10-E14)	133	0	0	0	0	0	0	0	6	16	22	33	56	0	0	0	0	0
Influenza and pneumonia (J10-J18)	85	0	0	1	0	0	0	0	2	0	5	19	58	0	0	0	0	0
Alzheimer's disease (G30)	138	0	0	0	0	0	0	0	0	0	2	9	127	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	114	0	0	0	0	0	0	0	3	10	13	24	64	0	0	0	0	0
Septicemia (A40-A41)	73	0	1	0	0	0	0	0	1	5	14	17	35	0	0	0	0	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	93	0	0	0	0	1	4	13	25	6	15	12	9	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	75	0	0	0	0	0	0	0	2	10	26	23	14	0	0	0	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	30	0	0	0	0	0	0	0	1	3	3	9	14	0	0	0	0	0
Aortic aneurysm and dissection (I71)	14	0	0	0	0	0	0	0	1	3	0	4	6	0	0	0	0	0
Assault (homicide) (X85-Y09, Y87.1)	42	1	3	1	0	7	9	6	12	3	0	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	16	0	0	0	0	0	0	1	1	3	9	1	1	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	16	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	13	6	0	0	1	1	0	1	0	0	3	1	0	0	0	0	0	0
All other causes	916	7	3	1	3	4	5	13	23	57	119	180	500	1	0	0	0	0
TOTAL	4,924	31	11	5	5	29	46	167	200	354	697	1,029	2,349	1	0	0	0	1

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, 2018
ALL RACES, 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)	903	0	1	0	0	0	1	2	9	18	68	116	688	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	7	0	0	0	0	0	0	0	0	0	1	0	6	0
Hypertensive heart disease (I11)	62	0	0	0	0	0	0	0	1	4	15	13	29	0
Hypertensive heart and renal disease (I13)	8	0	0	0	0	0	0	0	0	0	3	1	4	0
Ischemic heart disease (I20-I25)	469	0	0	0	0	0	0	0	1	9	26	63	370	0
All other forms of heart disease (I26-I51)	357	0	1	0	0	0	1	2	7	5	23	39	279	0
Malignant neoplasms (C00-C97)	997	0	0	0	0	1	1	7	11	74	164	285	454	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	0	0	0	0	0	0	0	0	1	1	0	4	0
Malignant neoplasms of digestive organs (C15-C26)	226	0	0	0	0	0	1	1	1	18	41	57	107	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	281	0	0	0	0	0	0	0	0	15	53	87	126	0
Malignant neoplasms of breast (C50)	148	0	0	0	0	0	0	1	4	23	27	40	53	0
Malignant neoplasms of female genital organs, (C51-C58)	103	0	0	0	0	0	0	1	2	7	19	41	33	0
Malignant neoplasms of urinary tract (C64-C68)	44	0	0	0	0	0	0	0	0	2	7	14	21	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	17	0	0	0	0	0	0	1	0	0	1	8	7	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	82	0	0	0	0	0	0	2	2	5	8	23	42	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	90	0	0	0	0	1	0	1	2	3	7	15	61	0
Cerebrovascular diseases (I60-I69)	339	0	0	0	0	0	1	1	1	5	26	48	257	0

TABLE F-18. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018

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)	299	0	0	0	0	0	0	0	0	11	29	73	186	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	217	1	0	3	0	4	7	38	31	32	37	20	44	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)	40	0	0	3	0	3	4	8	5	2	6	6	3	0
Nontransport Accidents (W00-X59, Y86)	175	1	0	0	0	1	3	29	26	30	30	14	41	0
Diabetes mellitus (E10-E14)	105	0	0	0	0	0	0	2	3	5	12	30	53	0
Influenza and pneumonia (J10-J18)	83	0	0	0	0	0	0	1	1	6	8	11	56	0
Alzheimer's disease (G30)	274	0	0	0	0	0	0	0	0	0	1	9	264	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	95	0	0	0	0	0	0	0	0	3	9	20	63	0
Septicemia (A40-A41)	45	0	0	0	0	0	0	0	2	3	4	10	26	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	20	0	0	0	0	3	1	4	2	5	3	1	1	0
Chronic liver disease and cirrhosis (K70, K73-K74)	33	0	0	0	0	0	0	0	4	4	10	9	6	0
Essential hypertension and hypertensive renal disease (I10, I12)	35	0	0	0	0	0	0	0	1	2	2	3	27	0
Aortic aneurysm and dissection (I71)	11	0	0	0	0	0	0	0	2	0	2	0	7	0
Assault (homicide) (X85-Y09, Y87.1)	16	0	1	0	0	1	2	5	2	2	1	1	1	0
Human immunodeficiency virus (HIV) (B20-B24)	9	0	0	0	0	0	0	0	2	4	1	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	12	12	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	20	10	1	0	1	0	0	0	1	0	4	0	3	0
All Other Causes	1,000	8	1	1	2	1	2	10	19	28	85	142	701	0
TOTAL	4,513	31	4	4	3	10	15	70	91	202	466	779	2,838	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, 2018

NON-HISPANIC WHITE, 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)	1,578	0	0	0	0	0	3	1	6	13	51	138	262	1,104	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	7	0	0	0	0	0	0	0	0	0	0	2	0	5	0
Hypertensive heart disease (I11)	101	0	0	0	0	0	0	0	0	2	11	27	24	37	0
Hypertensive heart and renal disease (I13)	10	0	0	0	0	0	0	0	0	0	1	2	2	5	0
Ischemic heart disease (I20-I25)	921	0	0	0	0	0	0	1	4	31	75	170	640	0	0
All other forms of heart disease (I26-I51)	539	0	0	0	0	3	1	5	7	8	32	66	417	0	0
Malignant neoplasms (C00-C97)	1,669	0	0	1	0	0	1	10	16	85	288	462	806	0	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	20	0	0	0	0	0	0	0	0	0	1	6	5	8	0
Malignant neoplasms of digestive organs (C15-C26)	433	0	0	0	0	0	1	1	3	33	92	123	180	0	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	453	0	0	0	0	0	0	0	1	20	85	125	222	0	0
Malignant neoplasms of breast (C50)	114	0	0	0	0	0	0	1	1	11	23	35	43	0	0
Malignant neoplasms of female genital organs, (C51-C58)	83	0	0	0	0	0	0	1	2	5	15	31	29	0	0
Malignant neoplasms of male genital organs, (C60-C63)	77	0	0	0	0	0	0	0	0	0	4	20	53	0	0
Malignant neoplasms of urinary tract (C64-C68)	109	0	0	1	0	0	0	0	1	3	16	26	62	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	40	0	0	0	0	0	0	2	2	4	8	14	10	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	158	0	0	0	0	0	0	2	3	4	14	49	86	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	182	0	0	0	0	0	0	3	3	4	25	34	113	0	0
Cerebrovascular diseases (I60-I69)	466	0	0	0	0	0	0	0	2	11	24	74	355	0	0

TABLE F-19. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018
NON-HISPANIC WHITE, BOTH SEXES - 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)	460	0	0	0	0	0	0	0	2	12	52	107	287	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86) Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	513	0	1	0	0	7	16	97	99	82	85	43	83	0
Nontransport Accidents (W00-X59, Y86)	72	0	0	0	0	5	4	10	7	9	15	11	11	0
Diabetes mellitus (E10-E14)	433	0	1	0	0	2	11	86	91	71	69	30	72	0
Influenza and pneumonia (J10-J18)	150	0	0	0	0	0	0	1	3	12	23	38	73	0
Alzheimer's disease (G30)	135	0	0	0	0	0	0	0	1	2	10	24	98	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	342	0	0	0	0	0	0	0	0	0	2	13	327	0
Septicemia (A40-A41)	139	0	0	0	0	0	0	0	2	8	13	23	93	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	88	0	0	0	0	0	0	0	1	3	14	18	52	0
Chronic liver disease and cirrhosis (K70, K73-K74)	91	0	0	0	0	5	8	22	7	17	14	8	10	0
Essential hypertension and hypertensive renal disease (I10, I12)	88	0	0	0	0	0	0	0	5	11	29	24	19	0
Aortic aneurysm and dissection (I71)	49	0	0	0	0	0	0	0	0	2	5	10	32	0
Assault (homicide) (X85-Y09, Y87.1)	24	0	0	0	0	0	0	0	3	3	2	4	12	0
Human immunodeficiency virus (HIV) (B20-B24)	12	1	2	1	0	0	1	1	4	0	0	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	5	0	0	0	0	0	0	0	1	1	1	1	1	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	8	8	0	0	0	0	0	0	0	0	0	0	0	0
All other causes	16	5	0	0	0	0	0	0	1	0	7	1	2	0
TOTAL	1,496	5	1	1	2	1	3	16	22	63	146	235	1,000	1
	7,329	19	4	3	2	16	30	153	182	363	853	1,348	4,355	1

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, 2018
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)	858	0	0	0	0	3	1	5	9	40	100	182	518	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Hypertensive heart disease (I11)	55	0	0	0	0	0	0	0	2	9	17	14	13	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	1	1	1	2	0
Ischemic heart disease (I20-I25)	536	0	0	0	0	0	0	1	4	24	57	123	327	0
All other forms of heart disease (I26-I51)	260	0	0	0	0	3	1	4	3	6	24	44	175	0
Malignant neoplasms (C00-C97)	883	0	0	1	0	0	0	4	8	41	167	242	420	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	17	0	0	0	0	0	0	0	0	1	5	5	6	0
Malignant neoplasms of digestive organs (C15-C26)	265	0	0	0	0	0	0	0	2	21	64	82	96	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	224	0	0	0	0	0	0	0	1	8	47	56	112	0
Malignant neoplasms of breast (C50)	3	0	0	0	0	0	0	0	0	0	1	2	0	0
Malignant neoplasms of male genital organs, (C60-C63)	77	0	0	0	0	0	0	0	0	0	4	20	53	0
Malignant neoplasms of urinary tract (C64-C68)	73	0	0	1	0	0	0	0	1	2	10	16	43	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	23	0	0	0	0	0	0	1	2	4	7	6	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	96	0	0	0	0	0	0	1	1	3	9	33	49	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	105	0	0	0	0	0	0	2	1	2	20	22	58	0
Cerebrovascular diseases (I60-I69)	199	0	0	0	0	0	0	0	2	7	11	44	135	0

TABLE F-20. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018

NON-HISPANIC WHITE MALES - 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)	199	0	0	0	0	0	0	0	2	4	26	45	122	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	343	0	1	0	0	5	11	68	76	54	55	25	48	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)	50	0	0	0	0	4	2	7	4	9	10	6	8	0
Nontransport Accidents (W00-X59, Y86)	287	0	1	0	0	1	8	61	71	43	45	17	40	0
Diabetes mellitus (E10-E14)	83	0	0	0	0	0	0	0	2	10	15	21	35	0
Influenza and pneumonia (J10-J18)	73	0	0	0	0	0	0	0	1	0	5	15	52	0
Alzheimer's disease (G30)	114	0	0	0	0	0	0	0	0	0	1	5	108	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	78	0	0	0	0	0	0	0	2	7	7	13	49	0
Septicemia (A40-A41)	56	0	0	0	0	0	0	0	1	2	11	12	30	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	76	0	0	0	0	3	8	20	5	12	12	7	9	0
Chronic liver disease and cirrhosis (K70, K73-K74)	62	0	0	0	0	0	0	0	1	8	22	17	14	0
Essential hypertension and hypertensive renal disease (I10, I12)	22	0	0	0	0	0	0	0	0	1	3	7	11	0
Aortic aneurysm and dissection (I71)	13	0	0	0	0	0	0	0	1	3	0	4	5	0
Assault (homicide) (X85-Y09, Y87.1)	6	1	1	1	0	0	0	0	3	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	2	0	0	0	0	0	0	0	0	0	1	0	1	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)	6	2	0	0	0	0	0	0	0	0	0	0	0	0
All other causes	703	2	1	0	1	0	1	10	11	40	89	129	418	1
TOTAL	3,779	8	3	2	1	11	21	107	124	229	528	769	1,975	1

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, 2018

NON-HISPANIC WHITE 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)	720	0	0	0	0	0	0	1	4	11	38	80	586	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	5	0	0	0	0	0	0	0	0	0	1	0	4	0
Hypertensive heart disease (I11)	46	0	0	0	0	0	0	0	0	2	10	10	24	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	0	1	1	3	0
Ischemic heart disease (I20-I25)	385	0	0	0	0	0	0	0	0	7	18	47	313	0
All other forms of heart disease (I26-I51)	279	0	0	0	0	0	0	1	4	2	8	22	242	0
Malignant neoplasms (C00-C97)	786	0	0	0	0	0	1	6	8	44	121	220	386	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	0	0	0	0	0	0	0	0	0	1	0	2	0
Malignant neoplasms of digestive organs (C15-C26)	168	0	0	0	0	0	1	1	1	12	28	41	84	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	229	0	0	0	0	0	0	0	0	12	38	69	110	0
Malignant neoplasms of breast (C50)	111	0	0	0	0	0	0	1	1	11	22	33	43	0
Malignant neoplasms of female genital organs, (C51-C58)	83	0	0	0	0	0	0	1	2	5	15	31	29	0
Malignant neoplasms of urinary tract (C64-C68)	36	0	0	0	0	0	0	0	0	1	6	10	19	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	17	0	0	0	0	0	0	1	0	0	1	8	7	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	62	0	0	0	0	0	0	1	2	1	5	16	37	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	77	0	0	0	0	0	0	1	2	2	5	12	55	0
Cerebrovascular diseases (I60-I69)	267	0	0	0	0	0	0	0	0	4	13	30	220	0

TABLE F-21. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018

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)	261	0	0	0	0	0	0	0	0	8	26	62	165	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	170	0	0	0	0	2	5	29	23	28	30	18	35	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)	22	0	0	0	0	1	2	3	3	0	5	5	3	0
Nontransport Accidents (W00-X59, Y86)	146	0	0	0	0	1	3	25	20	28	24	13	32	0
Diabetes mellitus (E10-E14)	67	0	0	0	0	0	0	1	1	2	8	17	38	0
Influenza and pneumonia (J10-J18)	62	0	0	0	0	0	0	0	0	2	5	9	46	0
Alzheimer's disease (G30)	228	0	0	0	0	0	0	0	0	0	1	8	219	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	61	0	0	0	0	0	0	0	0	0	1	6	44	0
Septicemia (A40-A41)	32	0	0	0	0	0	0	0	0	1	3	6	22	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	15	0	0	0	0	2	0	2	2	5	2	1	1	0
Chronic liver disease and cirrhosis (K70, K73-K74)	26	0	0	0	0	0	0	0	4	3	7	7	5	0
Essential hypertension and hypertensive renal disease (I10, I12)	27	0	0	0	0	0	0	0	0	1	2	3	21	0
Aortic aneurysm and dissection (I71)	11	0	0	0	0	0	0	0	2	0	2	0	7	0
Assault (homicide) (X85-Y09, Y87.1)	6	0	1	0	0	0	1	1	1	0	0	1	1	0
Human immunodeficiency virus (HIV) (B20-B24)	3	0	0	0	0	0	0	0	1	1	0	1	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)	10	3	0	0	0	0	0	0	1	0	4	0	2	0
All other causes	793	3	0	1	1	1	2	6	11	23	57	106	582	0
TOTAL	3,550	11	1	1	1	5	9	46	58	134	325	579	2,380	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, 2018

NON-HISPANIC BLACK, 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)	348	0	1	0	0	2	1	8	16	36	51	85	148	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	0	0	2	0
Hypertensive heart disease (I11)	50	0	0	0	0	0	0	0	4	14	10	12	10	0
Hypertensive heart and renal disease (I13)	13	0	0	0	0	0	0	1	0	1	2	6	3	0
Ischemic heart disease (I20-I25)	153	0	0	0	0	0	0	1	3	12	19	36	82	0
All other forms of heart disease (I26-I51)	130	0	1	0	0	2	1	6	9	9	20	31	51	0
Malignant neoplasms (C00-C97)	353	0	0	0	0	0	0	3	9	41	75	104	121	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	7	0	0	0	0	0	0	0	0	2	2	2	1	0
Malignant neoplasms of digestive organs (C15-C26)	101	0	0	0	0	0	0	2	2	12	23	26	36	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	91	0	0	0	0	0	0	0	2	4	27	30	28	0
Malignant neoplasms of breast (C50)	35	0	0	0	0	0	0	0	3	11	5	7	9	0
Malignant neoplasms of female genital organs, (C51-C58)	16	0	0	0	0	0	0	0	0	1	3	9	3	0
Malignant neoplasms of male genital organs, (C60-C63)	24	0	0	0	0	0	0	0	0	1	6	4	13	0
Malignant neoplasms of urinary tract (C64-C68)	16	0	0	0	0	0	0	0	0	1	1	8	6	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	6	0	0	0	0	0	0	0	1	0	0	4	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	29	0	0	0	0	0	0	0	1	6	4	8	10	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	28	0	0	0	0	0	0	1	0	3	4	6	14	0
Cerebrovascular diseases (I60-I69)	107	0	0	1	0	0	1	0	1	5	19	32	48	0

TABLE F-22. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018
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)	59	0	0	0	0	1	0	0	0	3	5	20	30	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86) Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	106	2	1	1	0	3	7	27	21	20	15	6	3	0
Nontransport Accidents (W00-X59, Y86)	37	0	1	1	0	2	7	13	3	5	3	2	0	0
Diabetes mellitus (E10-E14)	69	2	0	0	0	1	0	14	18	15	12	4	3	0
Influenza and pneumonia (J10-J18)	73	0	0	0	0	0	0	1	4	9	9	23	27	0
Alzheimer's disease (G30)	26	0	0	0	0	0	0	1	2	4	3	5	11	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	57	0	0	0	0	0	0	0	0	0	0	4	53	0
Septicemia (A40-A41)	62	0	0	0	0	0	0	0	1	5	8	17	31	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	25	0	0	0	0	0	0	0	2	4	2	8	9	0
Chronic liver disease and cirrhosis (K70, K73-K74)	15	0	0	0	0	2	4	4	1	2	1	1	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	18	0	0	0	0	0	0	0	0	3	6	8	1	0
Aortic aneurysm and dissection (I71)	13	0	0	0	0	0	0	0	2	3	0	1	7	0
Assault (homicide) (X85-Y09, Y87.1)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	44	0	2	0	0	8	8	10	10	5	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	20	0	0	0	0	0	0	1	2	6	9	1	1	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	16	15	1	0	0	0	0	0	0	0	0	0	0	0
All other causes	11	6	1	0	2	1	0	0	0	0	0	0	1	0
TOTAL	328	10	2	0	2	4	3	6	16	19	48	68	150	0
	1,682	33	8	2	4	21	24	61	87	165	252	383	642	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, 2018
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)	203	0	0	0	0	0	2	0	7	13	31	26	54	70	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	0
Hypertensive heart disease (I11)	36	0	0	0	0	0	0	0	3	13	5	9	6	0	0
Hypertensive heart and renal disease (I13)	10	0	0	0	0	0	0	1	0	1	0	6	2	0	0
Ischemic heart disease (I20-I25)	89	0	0	0	0	0	0	1	3	10	13	24	38	0	0
All other forms of heart disease (I26-I51)	68	0	0	0	0	0	2	0	5	7	8	15	24	0	0
Malignant neoplasms (C00-C97)	175	0	0	0	0	0	0	0	3	6	14	37	50	65	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	5	0	0	0	0	0	0	0	0	0	1	2	2	0	0
Malignant neoplasms of digestive organs (C15-C26)	54	0	0	0	0	0	0	0	2	2	7	12	14	17	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	45	0	0	0	0	0	0	0	0	2	1	14	14	14	0
Malignant neoplasms of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	24	0	0	0	0	0	0	0	0	0	1	6	4	13	0
Malignant neoplasms of urinary tract (C64-C68)	9	0	0	0	0	0	0	0	0	0	0	0	5	4	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	6	0	0	0	0	0	0	0	1	0	0	0	4	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	15	0	0	0	0	0	0	0	1	2	1	3	8	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	17	0	0	0	0	0	0	1	0	2	2	4	8	0	0
Cerebrovascular diseases (I60-I69)	51	0	0	1	0	0	0	0	0	0	4	10	16	20	0

TABLE F-23. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018

NON-HISPANIC BLACK MALES - 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)	27	0	0	0	0	0	1	0	0	0	0	2	11	13	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	72	1	1	0	0	2	5	19	13	16	10	4	1	1	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)	23	0	1	0	0	1	5	9	1	3	2	1	0	0	0
Nontransport Accidents (W00-X59, Y86)	49	1	0	0	0	1	0	10	12	13	8	3	1	0	0
Diabetes mellitus (E10-E14)	42	0	0	0	0	0	0	0	3	6	6	11	16	0	0
Influenza and pneumonia (J10-J18)	10	0	0	0	0	0	0	0	1	0	0	4	5	0	0
Alzheimer's disease (G30)	18	0	0	0	0	0	0	0	0	0	0	3	15	0	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	33	0	0	0	0	0	0	0	1	3	5	10	14	0	0
Septicemia (A40-A41)	14	0	0	0	0	0	0	0	0	2	2	5	5	0	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	13	0	0	0	0	1	4	4	1	2	0	1	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	11	0	0	0	0	0	0	0	0	2	3	6	0	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	7	0	0	0	0	0	0	0	1	2	0	1	3	0	0
Aortic aneurysm and dissection (I71)	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Assault (homicide) (X85-Y09, Y87.1)	34	0	2	0	0	0	7	6	9	3	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	14	0	0	0	0	0	0	1	1	3	8	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	11	10	1	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	4	2	0	0	1	1	0	0	0	0	0	0	0	0	0
All other causes	159	5	1	0	1	4	3	3	9	14	23	39	57	0	0
TOTAL	899	18	5	1	2	18	19	43	58	102	132	216	285	0	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, 2018
NON-HISPANIC BLACK 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)	145	0	1	0	0	0	1	1	3	5	25	31	78	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	0	0	2	0
Hypertensive heart disease (I11)	14	0	0	0	0	0	0	1	1	1	5	3	4	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	0	2	0	1	0
Ischemic heart disease (I20-I25)	64	0	0	0	0	0	0	0	0	2	6	12	44	0
All other forms of heart disease (I26-I51)	62	0	1	0	0	0	1	1	2	2	12	16	27	0
Malignant neoplasms (C00-C97)	178	0	0	0	0	0	0	0	3	27	38	54	56	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	0	0	0	0	0	0	0	0	1	0	0	1	0
Malignant neoplasms of digestive organs (C15-C26)	47	0	0	0	0	0	0	0	0	5	11	12	19	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	46	0	0	0	0	0	0	0	0	3	13	16	14	0
Malignant neoplasms of breast (C50)	35	0	0	0	0	0	0	0	3	11	5	7	9	0
Malignant neoplasms of female genital organs, (C51-C58)	16	0	0	0	0	0	0	0	0	1	3	9	3	0
Malignant neoplasms of urinary tract (C64-C68)	7	0	0	0	0	0	0	0	0	1	1	3	2	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	14	0	0	0	0	0	0	0	0	4	3	5	2	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	11	0	0	0	0	0	0	0	0	1	2	2	6	0
Cerebrovascular diseases (I60-I69)	56	0	0	0	0	0	1	0	1	1	9	16	28	0

TABLE F-24. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2018

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)	32	0	0	0	0	0	0	0	0	0	3	9	17	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	34	1	0	1	0	1	2	8	8	4	5	2	2	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)	14	0	0	1	0	1	2	4	2	2	1	1	0	0
Nontransport Accidents (W00-X59, Y86)	20	1	0	0	0	0	0	4	6	2	4	1	2	0
Diabetes mellitus (E10-E14)	31	0	0	0	0	0	0	1	1	3	3	12	11	0
Influenza and pneumonia (J10-J18)	16	0	0	0	0	0	0	1	1	4	3	1	6	0
Alzheimer's disease (G30)	39	0	0	0	0	0	0	0	0	0	0	1	38	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	29	0	0	0	0	0	0	0	0	2	3	7	17	0
Septicemia (A40-A41)	11	0	0	0	0	0	0	0	2	2	0	3	4	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	2	0	0	0	0	1	0	0	0	0	1	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	7	0	0	0	0	0	0	0	0	0	1	3	2	1
Essential hypertension and hypertensive renal disease (I10, I12)	6	0	0	0	0	0	0	0	1	1	0	0	4	0
Aortic aneurysm and dissection (I71)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assault (homicide) (X85-Y09, Y87.1)	10	0	0	0	0	1	1	4	1	2	1	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	6	0	0	0	0	0	0	0	1	3	1	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)	7	4	1	0	1	0	0	0	0	0	0	0	1	0
All other causes	169	5	1	0	1	0	0	3	7	5	25	29	93	0
TOTAL	783	15	3	1	2	3	5	18	29	63	120	167	357	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, 2004-2018

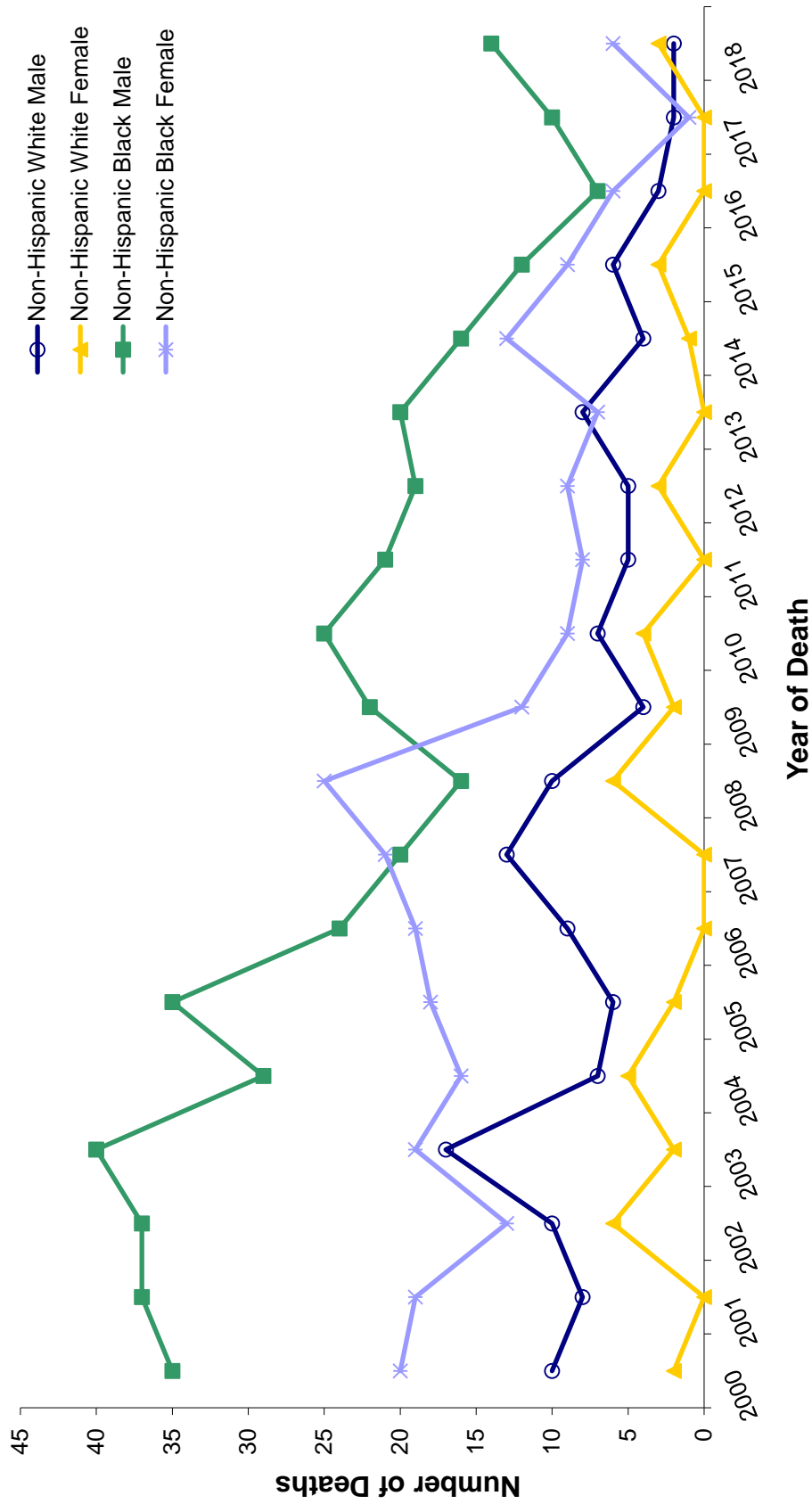
Area/ Race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Delaware	58	63	53	55	58	41	46	36	36	36	38	31	17	16	25
Males	36	43	33	33	27	27	33	28	24	28	24	19	10	13	16
Non-Hispanic White	7	6	9	13	10	4	7	5	5	8	4	6	3	2	2
Non-Hispanic Black	29	35	24	20	16	22	25	21	19	20	16	12	7	10	14
Females	22	20	20	22	31	14	13	8	12	8	14	12	7	3	9
Non-Hispanic White	5	2	0	0	6	2	4	0	3	0	1	3	0	0	3
Non-Hispanic Black	16	18	19	21	25	12	9	8	9	7	13	9	6	1	6
Kent	8	5	11	9	8	5	10	5	8	4	4	8	3	1	6
Males	5	2	7	5	2	5	6	5	6	4	2	6	1	0	3
Non-Hispanic White	2	0	1	2	1	2	2	1	2	1	0	1	0	0	0
Non-Hispanic Black	3	2	6	3	1	3	4	3	4	3	2	5	1	0	3
Females	3	3	4	4	6	0	4	0	2	0	2	2	2	1	3
Non-Hispanic White	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Non-Hispanic Black	3	3	4	4	5	0	4	0	2	0	2	2	1	1	2
New Castle	46	51	34	39	42	34	31	25	27	27	27	18	9	9	17
Males	29	35	19	21	17	21	23	18	17	19	18	10	5	8	11
Non-Hispanic White	4	4	5	6	3	1	2	3	3	4	3	2	1	1	0
Non-Hispanic Black	25	29	14	15	13	19	20	14	14	15	11	7	4	7	11
Females	17	16	15	18	25	13	8	7	10	8	9	8	4	1	6
Non-Hispanic White	4	2	0	0	5	1	4	0	3	0	1	2	0	0	2
Non-Hispanic Black	12	14	14	17	20	12	4	7	7	7	8	6	4	0	4
Wilmington	25	33	19	22	29	27	19	15	15	18	21	8	3	8	6
Males	15	21	7	10	13	16	16	9	9	13	16	4	1	7	5
Non-Hispanic White	0	2	0	0	1	0	0	0	2	1	2	0	0	0	0
Non-Hispanic Black	15	19	7	10	12	15	15	9	7	12	11	4	1	7	5
Females	10	12	12	12	16	11	3	6	6	5	5	4	2	1	1
Non-Hispanic White	1	1	0	0	3	1	1	0	0	0	0	1	0	0	0
Non-Hispanic Black	9	11	11	11	13	10	2	6	6	4	5	3	2	0	1
Bal of NCCo	21	18	15	17	13	7	12	10	12	9	6	10	6	1	11
Males	14	14	12	11	4	5	7	9	8	6	2	6	4	1	6
Non-Hispanic White	4	2	5	6	2	1	2	3	1	3	1	2	1	1	0
Non-Hispanic Black	10	10	7	5	1	4	5	5	7	3	0	3	3	0	6
Females	7	4	3	6	9	2	5	1	4	3	4	4	2	0	5
Non-Hispanic White	3	1	0	0	2	0	3	0	3	0	1	1	0	0	2
Non-Hispanic Black	3	3	3	6	7	2	2	1	1	3	3	3	2	0	3
Sussex	4	7	8	7	8	2	5	6	1	5	7	5	5	6	2
Males	2	6	7	7	8	1	4	5	1	5	4	3	4	5	2
Non-Hispanic White	1	2	3	5	6	1	3	1	0	3	1	3	2	1	2
Non-Hispanic Black	1	4	4	2	2	0	1	4	1	2	3	0	2	3	0
Females	2	1	1	0	0	1	1	1	0	0	3	2	1	1	0
Non-Hispanic White	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0
Non-Hispanic Black	1	1	1	0	0	0	1	1	0	0	3	1	1	0	0
Hispanic	1	2	1	1	1	1	1	2	0	1	4	1	1	3	0
Males	0	2	0	0	1	1	1	2	0	0	4	1	0	1	0
Females	1	0	1	1	0	0	0	0	0	1	0	0	1	2	0

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, 2000-2018



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, 2018

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	9,437	100.0	7,329	100.0	1,682	100.0	151	100.0
Burial	3,894	41.3	2,733	37.3	1,000	59.5	39	25.8
Cremation	5,040	53.4	4,159	56.7	642	38.2	106	70.2
Donation	163	1.7	152	2.1	9	0.5	1	0.7
Entombment	140	1.5	135	1.8	5	0.3	0	0.0
Removal from State	190	2.0	142	1.9	24	1.4	5	3.3
Unknown	10	0.1	8	0.1	2	0.1	0	0.0
Kent	1,766	100.0	1,300	100.0	372	100.0	40	100.0
Burial	772	43.7	511	39.3	222	59.7	13	32.5
Cremation	929	52.6	740	56.9	141	37.9	25	62.5
Donation	19	1.1	17	1.3	2	0.5	0	0.0
Entombment	13	0.7	10	0.8	3	0.8	0	0.0
Removal from State	33	1.9	22	1.7	4	1.1	2	5.0
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
New Castle	4,972	100.0	3,625	100.0	1,088	100.0	83	100.0
Burial	2,147	43.2	1,427	39.4	627	57.6	15	18.1
Cremation	2,534	51.0	1,945	53.7	438	40.3	66	79.5
Donation	76	1.5	69	1.9	5	0.5	1	1.2
Entombment	104	2.1	102	2.8	2	0.2	0	0.0
Removal from State	106	2.1	78	2.2	15	1.4	1	1.2
Unknown	5	0.1	4	0.1	1	0.1	0	0.0
Wilmington	664	100.0	259	100.0	358	100.0	5	100.0
Burial	302	45.5	82	31.7	201	56.1	1	20.0
Cremation	327	49.2	153	59.1	151	42.2	4	80.0
Donation	6	0.9	3	1.2	2	0.6	0	0.0
Entombment	15	2.3	14	5.4	1	0.3	0	0.0
Removal from State	14	2.1	7	2.7	3	0.8	0	0.0
Unknown/Other	0	0.0	0	0.0	0	0.0	0	0.0
Balance of NC County	4,308	100.0	3,366	100.0	730	100.0	78	100.0
Burial	1,845	42.8	1,345	40.0	426	58.4	14	17.9
Cremation	2,207	51.2	1,792	53.2	287	39.3	62	79.5
Donation	70	1.6	66	2.0	3	0.4	1	1.3
Entombment	89	2.1	88	2.6	1	0.1	0	0.0
Removal from State	92	2.1	71	2.1	12	1.6	1	1.3
Unknown	5	0.1	4	0.1	1	0.1	0	0.0
Sussex	2,699	100.0	2,404	100.0	222	100.0	28	100.0
Burial	975	36.1	795	33.1	151	68.0	11	39.3
Cremation	1,577	58.4	1,474	61.3	63	28.4	15	53.6
Donation	68	2.5	66	2.7	2	0.9	0	0.0
Entombment	23	0.9	23	1.0	0	0.0	0	0.0
Removal from State	51	1.9	42	1.7	5	2.3	2	7.1
Unknown	5	0.2	4	0.2	1	0.5	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, 2001-2018

Year	Race and Sex								
	All Races			Non-Hispanic White			Non-Hispanic Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2018	78.5	75.4	81.6	78.5	75.6	81.5	75.9	71.8	79.9
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

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, 2018

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	75.4	81.6	78.5	75.6	81.5	75.9	71.8	79.9
5-10	74.0	70.9	77.1	73.8	70.8	76.8	72.0	67.9	75.8
10-15	69.1	66.0	72.2	68.9	65.9	71.9	67.0	62.9	70.9
15-20	64.1	61.0	67.2	63.9	60.9	66.9	62.1	58.0	66.0
20-25	59.3	56.3	62.3	59.1	56.1	62.0	57.5	53.6	61.1
25-30	54.6	51.7	57.5	54.3	51.4	57.2	52.9	49.3	56.3
30-35	50.1	47.4	52.7	49.8	47.1	52.4	48.4	44.9	51.6
35-40	45.5	42.9	48.1	45.3	42.8	47.8	43.9	40.5	46.9
40-45	41.1	38.6	43.4	40.9	38.6	43.3	39.5	36.3	42.3
45-50	36.6	34.3	38.7	36.5	34.3	38.6	35.3	32.3	37.8
50-55	32.1	29.9	34.2	32.0	29.9	34.1	30.9	28.1	33.3
55-60	27.9	26.0	29.8	27.9	25.9	29.7	27.0	24.5	29.1
60-65	24.0	22.1	25.6	23.9	22.2	25.5	23.2	20.7	25.2
65-70	20.0	18.4	21.5	20.0	18.4	21.3	19.3	16.9	21.3
70-75	16.3	14.9	17.6	16.2	14.8	17.4	16.0	14.1	17.6
75-80	12.9	11.7	14.0	12.7	11.5	13.7	13.2	11.4	14.6
80-85	10.1	9.1	10.8	9.8	8.9	10.5	10.7	9.1	11.9
85+	7.6	6.7	8.1	7.3	6.4	7.8	8.6	7.4	9.3

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, 1993-2018**

Year	Area			
	Delaware	Kent	New Castle	Sussex
2018	2	0	1	1
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

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, 2014-2018

LEADING CAUSES OF DEATH	AREA				NON-HISPANIC	
	DE	Kent	NCC	Sussex	White	Black
Malignant neoplasms	165.3	182.3	162.2	161.0	169.1	181.2
Diseases of the heart	159.4	180.9	149.0	166.1	159.4	179.0
Chronic lower respiratory diseases	41.2	49.0	39.1	41.1	44.8	32.7
Cerebrovascular diseases	41.7	42.6	45.8	34.7	39.2	55.1
Dementia	35.7	31.4	41.1	29.2	35.7	41.0
Accidents (unintentional injuries)	55.2	56.6	53.8	58.8	65.5	44.8
Diabetes mellitus	18.6	21.5	18.5	16.6	16.0	32.5
Alzheimer's disease	25.3	30.0	26.0	22.0	25.2	28.4
Nephritis, nephrotic syndrome, and nephrosis	15.7	19.6	16.7	12.1	13.3	31.1
Influenza and pneumonia	13.6	13.5	15.9	9.5	13.9	12.3
Septicemia	11.0	13.1	10.6	10.8	10.9	14.0
Intentional self-harm (suicide)	12.0	13.1	11.3	12.6	15.6	6.0
Other diseases of respiratory system	9.6	12.0	9.3	8.6	10.0	8.9
Chronic liver disease and cirrhosis	8.8	9.3	7.2	12.1	9.9	6.1
Certain conditions originating in the perinatal period	5.7	4.1	6.6	1.4	3.0	10.1
Assault (homicide)	7.0	5.9	8.4	3.3	2.1	22.3
Parkinson's disease	7.5	8.1	7.6	7.1	8.2	5.3
Human immunodeficiency virus (HIV)	2.3	2.4	2.4	2.0	0.6	8.5
Essential hypertension and hypertensive renal disease	4.7	5.6	4.0	5.2	4.2	7.6
Pneumonitis due to solids and liquids	5.7	7.8	5.5	4.8	5.8	5.4
Aortic aneurysm and dissection	2.8	2.2	3.3	2.3	3.1	2.8
Congenital malformations, deformations, and chromosomal abnormalities	2.8	3.0	2.4	2.0	2.3	3.7

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, 2002-2018

Cause of Death/ Area	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
Diseases of the heart													
Delaware	230.0	222.6	210.0	199.1	188.1	182.3	175.5	172.4	169.7	167.6	164.7	162.0	159.4
Kent	263.6	259.6	248.8	240.9	231.1	221.3	208.1	203.0	195.3	187.9	185.1	182.6	180.9
New Castle	223.5	215.3	200.5	187.6	175.6	169.9	162.7	160.2	157.8	156.2	153.9	151.3	149.0
Sussex	225.3	217.1	207.9	199.3	189.8	186.0	183.3	180.2	179.5	178.3	173.8	170.8	166.1
Malignant neoplasms													
Delaware	196.9	196.2	194.5	188.7	186.2	184.2	181.4	176.6	174.8	171.5	170.1	167.0	165.3
Kent	201.7	203.6	204.7	201.8	199.7	198.0	199.3	190.6	189.5	188.0	185.6	179.7	182.3
New Castle	195.9	193.5	193.6	187.9	185.1	185.4	182.3	177.0	173.8	169.9	166.7	165.6	162.2
Sussex	197.8	199.1	192.5	184.9	181.6	174.5	169.5	168.2	168.0	165.1	167.1	162.5	161.0
Cerebrovascular diseases													
Delaware	45.5	43.1	40.8	41.0	40.4	40.1	39.8	39.5	38.8	38.5	38.6	40.0	41.7
Kent	47.9	42.1	39.1	40.9	38.7	36.4	38.5	38.3	37.4	38.1	40.3	40.6	42.6
New Castle	48.9	48.3	45.7	45.4	44.7	44.8	43.7	44.0	43.2	42.8	42.2	43.9	45.8
Sussex	36.7	32.7	31.6	32.0	33.0	33.3	33.2	31.9	31.7	31.4	31.6	33.3	34.7
Chronic lower respiratory diseases													
Delaware	41.4	40.8	42.6	43.3	42.8	44.0	43.8	42.9	42.2	41.9	41.7	41.9	41.2
Kent	48.6	50.2	54.2	54.6	53.4	54.2	54.4	49.0	47.5	47.8	47.7	47.0	49.0
New Castle	39.6	39.6	41.7	42.1	41.5	43.0	42.1	41.3	40.6	40.1	39.1	39.3	39.1
Sussex	41.2	38.3	38.4	39.6	39.4	40.6	41.0	42.3	42.4	41.9	43.2	44.0	41.1
Diabetes mellitus													
Delaware	25.0	24.5	23.3	22.6	21.2	21.4	21.2	20.6	20.4	20.1	19.2	18.6	18.6
Kent	30.1	28.5	28.0	28.2	25.8	24.5	23.1	22.8	20.6	20.4	21.3	22.4	21.5
New Castle	24.7	24.6	23.5	22.5	21.4	22.2	22.3	21.4	21.2	20.4	18.6	17.9	18.5
Sussex	22.8	22.0	20.4	19.6	18.0	18.0	18.2	17.8	18.8	19.4	18.9	17.6	16.6
Influenza and pneumonia													
Delaware	17.5	15.7	15.5	14.7	13.8	13.2	13.0	12.9	13.0	13.5	13.0	13.7	13.6
Kent	19.7	17.9	17.2	16.0	14.9	13.6	14.1	13.5	14.1	13.9	13.8	13.2	13.5
New Castle	14.7	13.3	14.0	14.1	13.9	13.9	13.7	13.4	13.7	14.7	14.2	15.7	15.9
Sussex	21.9	19.1	17.2	14.8	12.7	11.7	11.0	11.2	10.8	11.0	10.4	10.5	9.5
Alzheimer's disease													
Delaware	19.3	20.4	21.0	20.5	20.7	20.4	20.1	19.3	19.1	19.2	20.6	22.6	25.3
Kent	13.1	15.9	18.0	18.8	20.5	22.8	22.8	22.0	20.3	21.4	22.1	24.1	30.0
New Castle	18.9	19.2	18.5	17.9	17.9	16.2	16.1	16.4	17.5	18.2	21.2	23.6	26.0
Sussex	23.9	25.6	27.9	27.0	27.0	27.7	26.9	23.6	21.7	19.9	18.9	20.2	22.0
Nephritis, nephrotic syndrome, and nephrosis													
Delaware	15.2	15.8	16.6	17.1	17.3	16.9	16.0	15.4	14.8	14.7	15.0	15.7	15.7
Kent	16.4	15.6	17.2	15.8	16.2	15.9	15.2	14.0	15.3	16.4	18.4	19.5	19.6
New Castle	15.3	16.5	17.8	18.4	18.7	18.5	17.0	16.2	15.7	15.5	15.6	16.2	16.7
Sussex	14.2	14.1	13.7	15.2	15.0	14.8	14.5	14.6	12.8	12.3	12.1	12.8	12.1
Septicemia													
Delaware	14.6	13.8	13.5	13.0	12.3	11.9	11.7	11.8	11.8	12.1	12.3	12.1	11.0
Kent	18.2	17.8	17.9	17.0	17.6	16.9	16.0	16.6	17.1	16.1	16.2	15.7	13.1
New Castle	15.0	14.2	14.0	13.5	12.2	11.8	11.1	11.1	11.2	11.4	11.7	11.6	10.6
Sussex	11.9	10.5	10.0	9.7	9.2	8.9	9.9	10.0	9.7	11.0	11.2	11.1	10.8

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2002-2018 - CONTINUED

Cause of Death/ Area	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
Intentional self-harm (suicide)													
Delaware	10.3	10.5	10.6	10.7	11.1	11.2	11.8	11.9	12.3	12.5	12.5	12.2	12.0
Kent	10.4	9.8	10.3	11.3	11.3	11.4	12.5	13.2	14.1	14.2	13.9	13.4	13.1
New Castle	10.0	10.4	10.3	10.1	10.2	10.6	11.1	11.2	11.4	11.9	11.9	11.6	11.3
Sussex	10.7	11.2	11.9	12.1	13.5	13.1	13.3	12.7	13.1	12.4	12.6	12.5	12.6
Chronic liver disease and cirrhosis													
Delaware	9.2	8.6	8.1	8.2	8.4	8.5	8.4	8.0	8.1	8.3	8.2	8.5	8.8
Kent	10.1	9.7	8.7	9.2	9.4	9.7	8.5	7.9	8.2	8.5	8.2	9.0	9.3
New Castle	8.9	8.0	7.6	7.3	7.6	7.3	7.5	7.1	7.0	7.1	6.8	7.0	7.2
Sussex	9.4	9.3	8.8	9.2	9.5	10.3	10.2	10.0	10.5	11.0	11.2	11.5	12.1
Assault (homicide)													
Delaware	4.9	5.0	5.9	6.0	6.1	6.0	6.4	6.0	6.3	6.5	6.8	6.8	7.0
Kent	3.1	3.6	4.5	4.0	4.2	3.9	3.9	3.8	4.6	5.1	5.6	5.9	5.9
New Castle	5.8	5.9	7.0	7.3	7.4	7.3	8.0	7.7	7.9	8.1	8.4	8.3	8.4
Sussex	3.2	2.9	3.2	3.6	3.4	3.6	3.5	2.9	2.9	2.4	2.7	2.6	3.3
Certain conditions originating in the perinatal period													
Delaware	7.7	7.3	7.1	7.3	6.5	6.5	6.6	6.2	5.9	6.6	6.5	6.0	5.7
Kent	6.6	5.2	4.9	5.4	4.2	4.8	5.6	5.1	4.3	5.3	5.1	4.2	4.1
New Castle	8.5	8.3	8.1	8.4	7.7	8.0	8.1	7.6	7.3	7.8	7.6	7.1	6.6
Sussex	1.9	2.0	2.0	1.9	1.6	1.2	1.0	1.1	1.1	1.4	1.5	1.5	1.4
Congenital malformations													
Delaware	3.2	2.9	2.9	2.7	3.0	2.9	3.0	3.1	3.0	2.9	2.7	2.8	2.8
Kent	3.4	2.8	3.2	2.8	3.4	3.2	3.1	2.9	3.0	3.4	3.0	3.1	3.0
New Castle	3.0	2.8	2.7	2.6	2.7	2.8	3.0	3.0	2.8	2.6	2.4	2.3	2.4
Sussex	2.5	2.3	1.8	1.7	1.8	1.4	1.5	2.0	2.1	1.9	2.1	2.2	2.0
Human immunodeficiency virus (HIV)													
Delaware	7.8	7.3	6.6	6.1	5.6	5.1	4.5	4.0	3.8	3.4	3.0	2.5	2.3
Kent	5.3	5.9	5.7	5.3	5.7	4.8	4.4	3.7	4.5	3.1	2.9	2.1	2.4
New Castle	9.7	9.0	7.8	7.2	6.4	6.0	5.5	4.9	4.5	4.0	3.4	2.8	2.4
Sussex	3.9	3.4	3.9	3.8	3.4	3.1	2.5	---	2.3	2.1	2.0	2.3	2.0
Accidents (unintentional injuries)													
Delaware	35.5	35.1	36.0	36.4	37.3	36.9	37.8	38.5	40.1	41.7	45.4	50.3	55.2
Kent	40.6	39.6	39.8	38.2	37.8	35.3	38.1	39.4	43.6	45.9	51.3	53.2	56.6
New Castle	31.9	31.8	33.0	33.5	34.5	34.6	35.0	35.9	37.6	39.6	42.2	48.4	53.8
Sussex	42.3	42.3	43.5	44.2	45.9	45.3	45.4	44.8	44.2	45.0	51.0	54.3	58.8
Essential hypertension and hypertensive renal disease													
Delaware	7.0	6.6	6.3	5.7	5.4	5.4	5.2	5.4	5.0	4.9	4.9	4.9	4.7
Kent	9.0	7.8	7.7	7.5	7.3	7.2	7.5	7.9	7.4	6.6	6.4	5.8	5.6
New Castle	7.2	7.0	6.5	5.8	5.3	5.3	4.9	4.8	4.4	4.2	4.3	4.0	4.0
Sussex	5.4	4.9	4.9	4.7	4.7	4.6	4.5	5.3	4.9	5.2	5.3	5.5	5.2
Aortic aneurysm and dissection													
Delaware	5.1	4.6	3.9	3.6	3.4	3.3	3.4	3.2	3.1	3.0	2.9	2.9	2.8
Kent	7.0	5.4	3.9	2.9	2.7	2.7	3.4	4.1	4.3	4.1	3.9	2.9	2.2
New Castle	4.5	3.9	3.3	3.3	3.2	3.4	3.5	3.1	2.8	2.8	2.8	3.1	3.3
Sussex	5.7	5.9	5.2	4.6	4.0	3.7	3.1	2.8	2.8	2.7	2.7	2.5	2.3

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2002-2018 - CONTINUED

Cause of Death/ Area	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
Pneumonitis due to solids and liquids													
Delaware	7.4	6.7	5.7	5.6	5.2	5.0	4.7	4.6	4.5	5.0	5.2	5.4	5.7
Kent	4.9	3.8	3.3	3.4	3.0	3.3	3.5	3.5	3.8	4.2	5.4	6.7	7.8
New Castle	7.7	6.8	5.7	5.4	4.9	4.8	4.7	4.7	4.6	5.4	5.5	5.6	5.5
Sussex	8.0	7.8	7.1	7.0	6.8	6.4	5.6	5.1	4.9	4.7	4.5	4.5	4.8
Other diseases of respiratory system													
Delaware	9.1	9.0	9.3	9.1	9.1	9.4	9.7	9.7	9.8	9.6	9.3	8.9	9.6
Kent	10.1	10.4	10.3	10.4	11.1	11.5	11.8	11.9	11.5	10.9	10.8	10.7	12.0
New Castle	8.8	8.4	9.2	8.8	8.6	9.5	10.4	9.8	10.1	10.0	9.2	8.6	9.3
Sussex	8.6	9.0	8.8	9.1	9.2	8.1	7.4	8.3	7.9	8.1	8.5	8.5	8.6
Parkinson's disease													
Delaware	5.7	5.9	5.9	5.9	5.6	6.1	6.3	6.7	7.1	7.3	6.9	7.2	7.5
Kent	4.6	4.3	4.4	5.5	5.0	5.1	5.2	5.3	5.2	6.0	5.9	6.8	8.1
New Castle	6.2	6.6	6.5	6.2	5.8	6.3	6.4	7.2	7.7	7.7	7.3	7.5	7.6
Sussex	5.1	5.3	5.7	5.6	5.4	6.3	6.6	6.8	7.0	7.2	6.8	6.9	7.1
Dementia													
Delaware	16.9	21.1	26.6	32.7	37.8	40.5	43.5	43.1	42.7	41.4	39.7	36.5	35.7
Kent	14.1	15.3	20.6	26.5	30.5	36.0	40.5	41.6	40.8	42.2	39.1	34.2	31.4
New Castle	19.4	25.8	33.3	40.6	46.2	48.5	50.3	48.6	47.5	45.8	44.3	41.0	41.1
Sussex	13.2	14.1	15.9	19.7	24.9	27.1	32.0	33.3	35.0	33.2	32.3	30.3	29.2

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, 2002-2018

Cause of Death/ Race-Sex	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
Diseases of the heart													
Non-Hispanic White	225.7	218.4	207.2	197.4	187.1	182.3	175.5	172.4	169.8	168.3	164.8	162.8	159.4
Male	279.2	273.0	261.1	247.5	235.2	230.4	221.5	216.7	215.5	215.1	212.2	210.3	207.6
Female	184.0	175.9	166.2	158.5	149.9	144.8	139.2	137.0	133.7	131.1	126.9	125.1	121.0
Non-Hispanic Black	273.1	264.4	240.4	221.7	208.8	196.1	193.9	191.5	190.0	183.8	185.3	179.4	179.0
Male	247.8	242.9	219.0	201.7	197.0	189.8	178.5	175.7	170.1	163.0	167.1	168.0	177.6
Female	233.3	224.7	205.4	191.9	172.8	160.1	163.0	163.0	163.4	158.6	158.3	149.6	141.6
Malignant neoplasms													
Non-Hispanic White	195.8	196.4	196.4	190.2	188.2	186.9	182.9	178.0	176.4	173.5	172.7	170.1	169.1
Male	242.5	239.3	238.5	229.2	227.6	222.1	217.5	212.6	210.0	206.0	208.3	206.6	204.4
Female	164.4	167.5	167.7	162.9	160.1	161.7	158.3	153.2	152.4	150.0	146.6	142.9	142.7
Non-Hispanic Black	226.5	217.6	206.6	202.3	198.0	195.3	200.6	196.6	194.2	188.9	185.8	183.4	181.2
Male	253.4	237.8	222.7	219.1	215.4	213.8	212.4	208.0	201.2	183.5	178.6	178.0	175.9
Female	185.1	181.0	174.6	169.3	164.6	161.6	169.3	165.9	167.4	170.6	167.2	165.1	161.5
Cerebrovascular diseases													
Non-Hispanic White	43.3	40.5	38.2	38.3	38.0	38.1	37.9	37.4	37.1	36.7	36.1	37.3	39.2
Male	43.9	40.1	36.8	35.6	34.6	36.7	37.6	37.2	37.4	37.1	35.8	37.2	40.0
Female	42.7	40.2	38.7	39.7	39.7	38.6	37.8	37.3	36.8	36.3	36.2	36.9	38.1
Non-Hispanic Black	60.6	59.2	57.4	57.3	54.7	51.6	51.2	50.8	47.8	48.4	52.1	54.5	55.1
Male	62.4	64.7	64.6	64.8	62.7	61.2	58.0	56.4	56.4	54.9	59.3	65.3	66.1
Female	58.7	55.2	52.3	52.0	48.2	44.4	46.2	46.6	42.1	44.1	47.5	47.4	48.0
Chronic lower respiratory diseases													
Non-Hispanic White	43.4	42.8	44.6	45.6	45.2	46.7	46.3	45.6	45.0	44.8	44.7	45.2	44.8
Male	47.0	46.6	49.5	49.5	47.5	48.3	46.5	44.8	44.7	46.8	46.0	47.4	46.9
Female	41.2	40.2	41.0	42.8	43.4	45.4	46.3	46.5	45.5	43.7	44.0	43.5	43.2
Non-Hispanic Black	31.5	31.4	33.5	32.8	33.1	34.4	36.3	34.6	33.8	34.0	33.8	33.5	32.7
Male	46.8	45.5	50.5	48.0	47.0	47.6	47.1	43.2	41.3	42.2	39.7	40.4	38.7
Female	22.5	23.2	24.1	24.3	25.2	26.3	29.5	29.0	28.8	28.8	30.2	29.4	29.0
Diabetes mellitus													
Non-Hispanic White	22.0	21.4	20.3	19.8	18.3	18.0	18.2	17.6	17.2	17.2	16.8	16.3	16.0
Male	26.4	26.4	24.8	23.7	22.1	21.5	21.3	21.6	21.2	21.3	21.2	19.6	18.9
Female	19.0	17.9	17.0	16.6	15.0	14.8	15.2	14.1	13.9	13.8	13.4	13.6	13.8
Non-Hispanic Black	46.2	45.9	43.8	40.8	38.7	41.4	39.5	39.5	39.6	37.5	33.5	32.5	32.5
Male	49.6	48.2	49.7	45.1	43.7	44.0	41.9	43.1	46.3	45.2	43.4	45.2	45.1
Female	44.8	44.3	39.7	37.2	34.5	38.3	36.8	36.9	35.1	33.0	27.6	24.5	24.1
Influenza and pneumonia													
Non-Hispanic White	17.7	15.9	15.6	15.0	14.0	13.4	13.1	13.1	13.1	13.9	13.6	14.4	13.9
Male	21.8	19.5	18.9	18.2	17.3	16.3	16.0	15.8	14.9	15.9	15.8	16.8	17.0
Female	15.1	13.6	13.6	13.0	11.9	11.5	11.3	11.5	11.9	12.6	12.2	12.5	11.7
Non-Hispanic Black	17.1	15.5	15.1	12.6	12.0	12.4	12.9	12.4	13.9	13.2	11.7	11.9	12.3
Male	25.8	24.2	24.0	18.0	17.1	16.8	14.5	14.3	15.3	14.6	13.0	15.3	15.5
Female	12.4	11.1	10.6	9.9	9.3	9.7	11.5	11.1	13.0	12.3	11.1	10.1	10.5

TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX, DELAWARE, 2002-2018 - CONTINUED

Cause of Death/ Race-Sex	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	-2006	-2007	-2008	-2009	-2010	-2011	-2012	-2013	-2014	-2015	-2016	-2017	-2018
Alzheimer's disease													
Non-Hispanic White	19.9	20.9	21.6	21.2	21.1	20.8	20.3	19.1	18.9	19.3	20.3	22.3	25.2
Male	17.0	18.1	18.8	18.8	18.2	17.1	16.4	15.9	15.4	16.5	18.4	21.2	23.6
Female	21.3	22.4	23.2	22.4	22.7	23.0	22.6	22.1	21.6	20.9	21.4	22.9	26.3
Non-Hispanic Black	14.2	15.6	14.7	15.4	17.5	18.7	20.8	22.1	21.6	21.4	24.4	25.7	28.4
Male	---	13.2	12.6	12.2	13.6	14.0	14.0	16.0	15.3	16.4	20.3	20.3	22.4
Female	15.2	16.4	15.5	16.7	19.2	21.0	24.1	24.9	24.3	23.5	25.9	28.1	31.1
Nephritis, nephrotic syndrome, and nephrosis													
Non-Hispanic White	13.5	13.7	14.5	14.8	14.9	14.8	14.1	13.5	13.0	12.7	13.1	13.3	13.3
Male	18.0	18.1	18.6	18.4	18.5	17.7	16.5	16.1	15.5	15.3	16.1	16.9	17.4
Female	10.4	10.7	11.6	12.3	12.5	12.9	12.5	11.8	11.2	10.9	11.1	10.9	10.5
Non-Hispanic Black	27.7	30.2	31.8	32.6	31.9	30.6	28.3	26.1	26.7	27.1	27.3	30.0	31.1
Male	38.0	39.9	40.8	39.7	39.1	38.4	33.7	30.9	33.6	34.5	35.0	40.0	42.0
Female	21.8	24.8	26.6	27.8	27.2	26.0	24.9	23.4	23.1	23.1	23.2	24.9	24.9
Septicemia													
Non-Hispanic White	13.4	12.5	12.5	11.8	11.3	11.3	11.3	11.2	11.5	11.8	12.1	11.9	10.9
Male	15.3	14.8	14.5	13.0	12.6	12.7	12.0	12.5	13.2	13.1	13.7	13.4	12.8
Female	12.2	10.8	11.2	11.0	10.4	10.3	10.8	10.4	10.4	11.1	11.1	10.9	9.5
Non-Hispanic Black	23.0	21.8	20.0	19.7	18.1	15.8	15.6	15.2	14.5	15.5	15.2	14.6	14.0
Male	22.7	21.0	18.6	18.3	17.1	15.7	16.5	14.8	15.4	17.8	18.2	17.6	18.3
Female	23.3	22.2	20.6	20.4	18.3	15.8	14.8	15.4	14.0	14.7	13.8	13.2	11.7
Intentional self-harm (suicide)													
Non-Hispanic White	12.3	12.8	12.9	13.1	13.7	14.1	14.9	15.3	16.0	16.1	16.1	16.0	15.6
Male	20.4	20.4	20.8	21.3	22.2	22.6	24.3	24.6	25.9	25.6	26.1	26.4	26.1
Female	4.9	5.9	5.4	5.4	5.7	6.2	6.0	6.7	6.9	7.4	7.0	6.5	5.8
Non-Hispanic Black	5.3	4.7	5.5	5.5	5.3	5.1	5.6	5.0	4.3	5.4	5.7	5.5	6.0
Male	10.1	8.5	9.8	10.7	10.2	9.6	10.3	9.8	7.8	8.8	9.4	9.4	10.1
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Chronic liver disease and cirrhosis													
Non-Hispanic White	9.8	9.1	8.7	8.9	9.0	9.2	9.1	8.7	8.8	9.2	9.0	9.5	9.9
Male	12.7	12.1	11.9	12.5	12.9	13.2	13.4	12.9	12.9	13.3	12.2	12.7	13.2
Female	7.1	6.6	5.9	5.7	5.5	5.6	5.2	4.9	5.2	5.6	6.1	6.5	7.0
Non-Hispanic Black	7.3	6.4	6.3	6.1	6.7	6.6	6.6	6.1	6.0	6.0	5.4	5.8	6.1
Male	12.1	10.5	10.7	9.6	11.0	11.3	10.6	9.5	9.9	9.1	7.1	8.2	8.2
Female	---	---	---	---	---	---	---	---	---	3.8	4.2	4.2	4.5
Assault (homicide)													
Non-Hispanic White	2.2	2.1	2.4	2.5	2.4	2.6	2.8	2.9	2.6	2.5	2.5	2.2	2.1
Male	2.9	2.8	3.2	3.3	3.0	3.3	3.8	3.7	3.5	3.3	3.5	3.1	3.0
Female	1.6	1.5	1.6	1.8	1.8	1.9	1.8	2.2	1.8	1.7	1.5	1.4	1.2
Non-Hispanic Black	13.6	14.3	16.6	16.7	17.0	16.0	17.2	16.0	17.7	19.0	20.4	21.2	22.3
Male	24.8	26.6	31.3	31.9	32.7	30.7	32.6	29.7	32.7	35.5	37.2	38.2	39.4
Female	---	---	---	---	---	---	---	---	---	---	4.7	5.0	6.2

TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX, DELAWARE, 2002-2018 - CONTINUED

Cause of Death/ Race-Sex	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
Certain conditions originating in the perinatal period													
Non-Hispanic White	5.1	4.6	4.5	4.3	3.8	3.8	3.5	3.1	3.1	3.7	3.4	3.1	3.0
Male	5.1	5.0	4.9	5.0	4.4	4.5	4.2	3.5	3.7	4.0	3.5	3.2	3.1
Female	4.0	3.2	3.0	2.6	2.2	2.1	1.9	1.8	1.7	2.5	2.4	2.8	3.7
Non-Hispanic Black	15.5	15.2	15.2	16.2	14.4	14.5	14.9	14.3	12.2	12.8	12.2	10.8	10.1
Male	17.6	16.5	15.6	17.0	15.0	14.7	15.8	16.9	13.9	14.3	14.3	11.9	10.7
Female	13.4	13.8	14.9	15.3	13.7	14.3	14.0	11.6	10.5	11.2	10.0	9.7	9.4
Congenital malformations													
Non-Hispanic White	3.1	2.8	2.8	2.5	3.1	3.0	3.1	3.3	3.2	2.8	2.4	2.5	2.3
Male	3.4	3.0	2.7	2.2	2.8	2.4	2.4	2.6	2.6	2.3	2.4	2.3	1.9
Female	2.7	2.5	2.9	2.8	3.4	3.7	3.9	4.1	3.7	3.4	2.5	2.7	2.6
Non-Hispanic Black	3.5	3.1	3.1	2.7	2.6	2.5	2.7	2.4	2.7	3.1	3.1	3.0	3.7
Male	3.4	3.0	2.7	2.2	2.8	2.4	2.4	2.6	2.6	2.3	2.4	2.3	1.9
Female	2.7	2.5	2.9	2.8	3.4	3.7	3.9	4.1	3.7	3.4	2.5	2.7	2.6
Human immunodeficiency virus (HIV)													
Non-Hispanic White	2.1	2.1	1.9	1.7	1.8	1.7	1.5	1.2	1.1	1.0	0.9	0.7	0.6
Male	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	31.8	29.7	26.5	24.2	21.4	19.5	17.5	15.7	14.8	12.9	11.1	9.5	8.5
Male	46.8	40.6	33.1	29.8	26.7	25.4	24.2	24.6	22.7	19.0	15.4	13.7	11.7
Female	19.5	20.8	21.5	19.8	17.4	14.9	12.1	8.4	8.4	8.1	7.7	6.2	6.0
Accidents (unintentional injuries)													
Non-Hispanic White	37.1	37.1	39.4	40.7	42.1	42.9	44.5	45.4	47.2	49.0	53.7	59.4	65.5
Male	51.1	51.9	54.3	57.0	57.2	58.1	59.6	60.6	62.5	66.0	73.3	80.8	90.7
Female	24.4	23.6	25.7	25.9	28.3	28.9	30.6	31.5	33.2	33.3	35.2	39.3	41.7
Non-Hispanic Black	28.8	25.6	23.9	24.4	26.3	24.7	26.1	27.1	28.7	30.5	34.7	40.5	44.8
Male	42.8	36.8	33.9	35.7	37.6	35.7	38.7	40.1	42.1	44.6	52.5	61.3	67.7
Female	17.3	16.3	15.2	15.1	16.7	15.2	15.2	15.8	16.8	17.9	18.8	22.0	24.7
Essential hypertension and hypertensive renal disease													
Non-Hispanic White	5.9	5.5	5.0	4.8	4.7	4.7	4.6	5.0	4.6	4.4	4.4	4.4	4.2
Male	5.7	5.1	4.7	4.8	4.4	4.0	4.1	4.5	3.9	4.1	4.5	4.5	4.3
Female	6.0	5.6	5.1	4.6	4.5	4.8	4.7	5.2	4.9	4.5	4.2	4.3	4.0
Non-Hispanic Black	15.1	14.3	14.6	11.8	9.9	9.2	8.8	7.7	7.6	7.6	8.3	7.7	7.6
Male	19.3	19.9	17.8	11.8	10.2	9.9	9.3	7.9	8.5	7.4	8.4	7.3	8.2
Female	12.4	10.7	12.1	10.9	8.9	8.0	7.8	7.0	6.7	7.3	8.1	7.9	7.1
Aortic aneurysm and dissection													
Non-Hispanic White	5.2	4.6	3.9	3.6	3.4	3.4	3.4	3.2	3.1	3.1	3.0	3.0	3.1
Male	7.0	6.5	5.8	5.4	5.0	4.6	4.5	4.0	4.1	4.0	4.1	4.4	4.5
Female	3.8	3.1	2.4	2.3	2.0	2.3	2.6	2.5	2.3	2.4	2.1	1.8	1.9
Non-Hispanic Black	5.3	5.1	4.1	3.7	3.7	3.5	3.2	3.8	3.3	3.0	3.5	3.6	2.8
Male	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX, DELAWARE, 2002-2018 - CONTINUED

Cause of Death/ Race-Sex	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018
Pneumonitis due to solids and liquids													
Non-Hispanic White	7.0	6.4	5.7	5.5	5.2	5.1	4.8	4.7	4.6	5.2	5.4	5.7	5.8
Male	8.1	7.9	6.8	6.8	6.5	6.7	6.6	7.0	7.1	7.7	8.2	8.3	8.4
Female	6.1	5.4	4.9	4.6	4.2	4.0	3.6	3.2	3.0	3.6	3.6	4.0	4.1
Non-Hispanic Black	8.8	8.0	5.5	5.6	4.4	4.0	3.2	4.4	4.7	4.0	4.6	5.0	5.4
Male	14.4	12.1	---	---	---	---	---	8.2	8.6	---	7.4	8.8	8.3
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Other diseases of respiratory system													
Non-Hispanic White	9.4	9.3	9.5	9.2	9.1	9.3	10.0	10.2	10.2	10.0	9.7	9.2	10.0
Male	11.6	11.4	10.9	10.8	10.8	10.4	12.0	12.8	12.8	12.3	12.0	11.6	12.1
Female	8.0	7.8	8.5	8.1	7.8	8.3	8.4	8.2	8.2	8.2	8.0	7.4	8.4
Non-Hispanic Black	6.9	7.3	9.1	9.7	10.1	10.4	9.4	7.8	8.6	8.7	7.7	8.2	8.9
Male	9.7	9.7	11.4	12.8	13.8	14.8	13.4	12.6	13.7	11.9	10.5	12.4	16.1
Female	5.4	5.8	7.8	8.2	8.1	8.0	7.4	5.2	5.6	6.9	6.0	7.1	8.3
Parkinson's disease													
Non-Hispanic White	6.0	6.3	6.4	6.4	6.2	6.8	6.9	7.5	7.8	8.1	7.7	8.0	8.2
Male	9.1	9.4	9.3	8.9	8.5	8.7	8.9	9.9	10.7	10.9	11.1	11.7	12.3
Female	4.2	4.4	4.8	5.0	4.8	5.6	5.7	5.9	5.9	6.1	5.4	5.5	5.3
Non-Hispanic Black	---	---	---	---	---	---	---	---	---	---	---	---	---
Male	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Dementia													
Non-Hispanic White	16.3	20.1	25.8	32.0	37.4	40.4	43.7	43.4	43.0	41.6	40.0	36.7	35.7
Male	13.3	16.6	21.5	27.1	32.0	34.3	37.4	37.5	37.5	35.4	33.9	30.7	29.5
Female	17.9	22.0	28.0	34.6	40.2	43.5	46.9	46.3	45.8	44.9	43.3	40.0	39.1
Non-Hispanic Black	23.2	30.6	35.0	38.5	42.5	45.1	45.9	45.6	46.2	46.1	44.6	40.6	41.0
Male	29.5	29.1	35.4	40.8	42.9	41.4	42.9	44.1	43.9	44.4	45.2	44.9	43.9
Female	20.2	31.0	34.7	36.8	41.8	46.5	46.9	45.6	46.8	46.3	43.8	37.9	39.2

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

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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 (NCHS) 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 and 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.

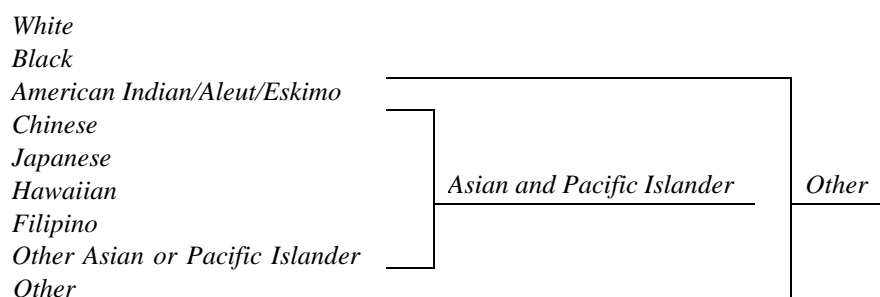
All statistics are subject to random variation.¹ Rates based on a relatively small number of events tend to be subject to more random variation than rates based on a large number of events.

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:

$$R_1 \pm 1.96 * SE$$

$$\text{where } SE(R_1) = R_1 * \frac{RSE(R_1)}{100}$$

$$\text{and } RSE(R_1) = 100 * \sqrt{\left(\frac{1}{D} + \frac{1}{B}\right)}$$

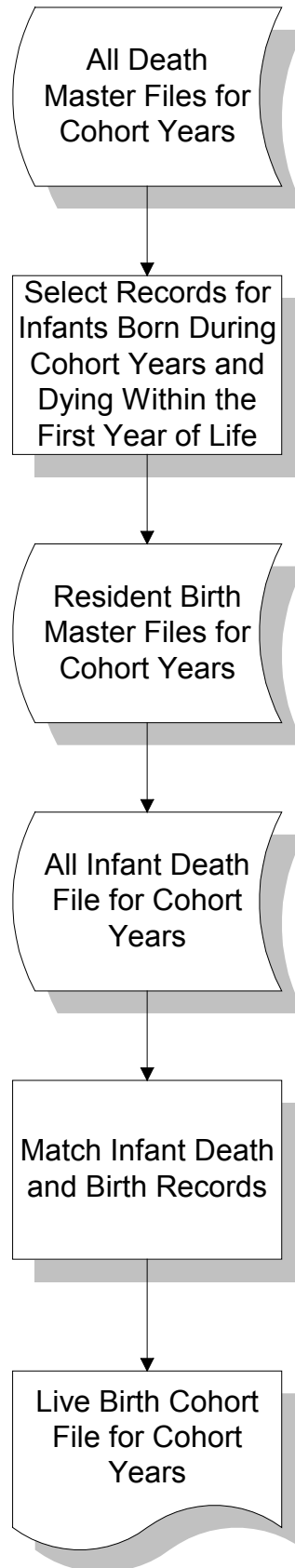
Comparison of two infant mortality rates - When the number of events for one or both of the rates was less than 100, comparisons between rates were based on the confidence intervals for each. If they overlapped, the difference was not significant. When the number of events for both rates was 100 or more, 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:			
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								
	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		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"/> Gastroschisis <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			
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 _____		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			
52. PLURALITY – Single, Twin, Triplet, etc. (Specify) _____		53. IF NOT SINGLE BIRTH – Born first, second, third, etc. (Specify) _____		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: Cremation <input type="checkbox"/> Burial <input type="checkbox"/> <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)
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			

Amendment Code: _____

Amendment Number: _____

Date: _____

User ID: _____

DE Birth SFN: _____

To Be Completed By: FUNERAL DIRECTOR

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)	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 <input type="checkbox"/> Home Delivery: 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) _____		8. FACILITY NAME (if not institution, give street and number)	
	5b. ZIP CODE OF DELIVERY				9. FACILITY ID: (NPI)	
	6. COUNTY OF DELIVERY					
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) 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 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				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	20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery) <ul style="list-style-type: none"> <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"/> 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, LL.B., 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) <ul style="list-style-type: none"> <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) <ul style="list-style-type: none"> <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 _____														
	23. MOTHER MARRIED? (At delivery, conception, or anytime between) <input type="checkbox"/> Yes <input type="checkbox"/> No	24a. DATE OF FIRST PRENATAL CARE VISIT _____ / _____ / _____ <input type="checkbox"/> No Prenatal Care M M / D D / Y Y Y Y	24b. DATE OF LAST PRENATAL CARE VISIT _____ / _____ / _____ M M / D D / Y Y Y Y	25. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY _____ (If none, enter "0")													
26. MOTHER'S HEIGHT _____ (feet/inches)	27. MOTHER'S PRE-PREGNANCY WEIGHT _____ (pounds)	28. MOTHER'S WEIGHT AT DELIVERY _____ (pounds)	29. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? <input type="checkbox"/> Yes <input type="checkbox"/> No														
30. NUMBER OF PREVIOUS LIVE BIRTHS <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> 30a. Now Living Number _____ <input type="checkbox"/> None </td> <td style="width: 50%; border: none;"> 30b. Now Dead Number _____ <input type="checkbox"/> None </td> </tr> </table>		30a. Now Living Number _____ <input type="checkbox"/> None	30b. Now Dead Number _____ <input type="checkbox"/> None	31. NUMBER OF OTHER PREGNANCY OUTCOMES (spontaneous or induced losses or ectopic pregnancies) <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> 31a. Other Outcomes Number (Do not include this fetus) _____ <input type="checkbox"/> None </td> <td style="width: 50%; border: none;"> 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". <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Average number of cigarettes or packs of cigarettes smoked per day</td> <td style="width: 50%;"></td> </tr> <tr> <td>Three Months Before Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td>_____ OR _____</td> </tr> </table> </td> </tr> </table>		31a. Other Outcomes Number (Do not include this fetus) _____ <input type="checkbox"/> None	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". <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Average number of cigarettes or packs of cigarettes smoked per day</td> <td style="width: 50%;"></td> </tr> <tr> <td>Three Months Before Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td>_____ OR _____</td> </tr> </table>	Average number of cigarettes or packs of cigarettes smoked per day		Three Months Before Pregnancy	_____ OR _____	First Three Months of Pregnancy	_____ OR _____	Second Three Months of Pregnancy	_____ OR _____	Third Trimester of Pregnancy	_____ OR _____
30a. Now Living Number _____ <input type="checkbox"/> None	30b. Now Dead Number _____ <input type="checkbox"/> None																
31a. Other Outcomes Number (Do not include this fetus) _____ <input type="checkbox"/> None	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". <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Average number of cigarettes or packs of cigarettes smoked per day</td> <td style="width: 50%;"></td> </tr> <tr> <td>Three Months Before Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td>_____ OR _____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td>_____ OR _____</td> </tr> </table>	Average number of cigarettes or packs of cigarettes smoked per day		Three Months Before Pregnancy	_____ OR _____	First Three Months of Pregnancy	_____ OR _____	Second Three Months of Pregnancy	_____ OR _____	Third Trimester of Pregnancy	_____ OR _____						
Average number of cigarettes or packs of cigarettes smoked per day																	
Three Months Before Pregnancy	_____ OR _____																
First Three Months of Pregnancy	_____ OR _____																
Second Three Months of Pregnancy	_____ OR _____																
Third Trimester of Pregnancy	_____ OR _____																
30c. DATE OF LAST LIVE BIRTH _____ / _____ / _____ M M / Y Y Y Y	31b. DATE OF LAST OTHER PREGNANCY OUTCOME _____ / _____ / _____ M M / Y Y Y Y	33. DATE LAST NORMAL MENSES BEGAN _____ / _____ / _____ M M / D D / Y Y Y Y	34. PLURALITY - Single, Twin, Triplet, etc. (Specify) _____														
35. IF NOT SINGLE BIRTH - Born First, Second, Third, etc. (Specify) _____																	
36. 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 _____																	
MEDICAL AND HEALTH INFORMATION	37. RISK FACTORS IN THIS PREGNANCY (Check all that apply) <ul style="list-style-type: none"> Diabetes <ul style="list-style-type: none"> <input type="checkbox"/> Pre-pregnancy (Diagnosis prior to this pregnancy) <input type="checkbox"/> Gestational (Diagnosis in this pregnancy) Hypertension <ul style="list-style-type: none"> <input type="checkbox"/> Pre-pregnancy (Chronic) <input type="checkbox"/> Gestational (PIH, preeclampsia) <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: <ul style="list-style-type: none"> <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 		38. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all that apply) <ul style="list-style-type: none"> <input type="checkbox"/> Gonorrhea <input type="checkbox"/> Syphilis <input type="checkbox"/> Chlamydia <input type="checkbox"/> Listeria <input type="checkbox"/> Group B Streptococcus <input type="checkbox"/> Cytomegalovirus <input type="checkbox"/> Parvovirus <input type="checkbox"/> Toxoplasmosis <input type="checkbox"/> None of the above <input type="checkbox"/> Other (Specify) _____ 														
	39. METHOD OF DELIVERY <ul style="list-style-type: none"> 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 delivery <ul style="list-style-type: none"> <input type="checkbox"/> Cephalic <input type="checkbox"/> Breach <input type="checkbox"/> Other D. Final route and method of delivery (Check one) <ul style="list-style-type: none"> <input type="checkbox"/> Vaginal/Spontaneous <input type="checkbox"/> Vaginal/Forceps <input type="checkbox"/> Vaginal/Vacuum <input type="checkbox"/> Cesarean <ul style="list-style-type: none"> If cesarean, was a trial of labor attempted? <input type="checkbox"/> Yes <input type="checkbox"/> No E. Hysterotomy/Hysterectomy <input type="checkbox"/> Yes <input type="checkbox"/> No 	40. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery) <ul style="list-style-type: none"> <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 															
41. CONGENITAL ANOMALIES OF THE FETUS (Check all that apply) <ul style="list-style-type: none"> <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"/> Gastroschisis <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 <ul style="list-style-type: none"> <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <ul style="list-style-type: none"> <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the anomalies listed above 																	

APPENDIX H (cont.)

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

OFFICE OF VITAL STATISTICS		STATE OF DELAWARE DEPARTMENT OF HEALTH AND SOCIAL SERVICES		(107) STATE FILE #
REPORT OF FETAL DEATH				
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		
	6. COUNTY OF DELIVERY	<input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____	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
FATHER	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		
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) _____	
CERTIFIER AND REGISTRATION INFORMATION	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

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 FILE NUMBER

State of Delaware

OFFICE OF VITAL STATISTICS DIVISION OF PUBLIC HEALTH

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"/> Dilation 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.)

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.*
 Hyattsville, MD: National Center for Health Statistics. 2016

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