
DELAWARE VITAL STATISTICS ANNUAL REPORT 2021



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

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DELAWARE VITAL STATISTICS ANNUAL REPORT

2021

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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 and leading causes of death.

Sections in this report focus on specific topics of concern to Delawareans such as teen pregnancy, infant mortality, trends in HIV infection/AIDS deaths, drug and alcohol-related deaths, and COVID-19 deaths. Throughout the years, the DHSC expanded its sections to include data specific to Wilmington, historical tables on the percentages of births to single mothers, and tables on the percentages 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.

- For the second year in a row in 2021, the number of Delaware resident deaths at 10,897 exceeded the number of resident births, 10,389. This caused a natural decrease of 508. At ten percent of the total deaths, COVID-19 was the third leading cause of death in Delaware.
- Delaware females born in 2021, can expect to live an average of 81 years versus males who could expect to live 74 years. Life expectancy for males decreased from 2021 whereas female life expectancy slightly increased.
- Delaware's infant mortality rate decreased 37 percent from 9.3 infant deaths per 1,000 live births in 2000-2004 to 5.9 infant deaths per 1,000 live births in 2017-2021.
- Drug overdose deaths in 2021 were nearly ten time higher than in 2000, increasing from 53 from 508 deaths.

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

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THE DELAWARE VITAL STATISTICS SYSTEM

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 However, the vital record registration statute was repealed in 1863 and not re-enacted until 1881.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

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

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

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

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

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

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

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

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

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

BASIC DEFINITIONS

The following definitions apply throughout this report:

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

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

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

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

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

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

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

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

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

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

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

DIVORCE is the final legal dissolution of a marriage.

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

EDUCATION is the highest level of formal education completed.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RATES

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

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

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

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

CALCULATION OF RATES



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

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

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

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

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

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

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

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

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

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

and i = agegroup

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

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

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

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

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

Figure 1. Selected Characteristics: Delaware Vital Statistics Annual Report, 2021

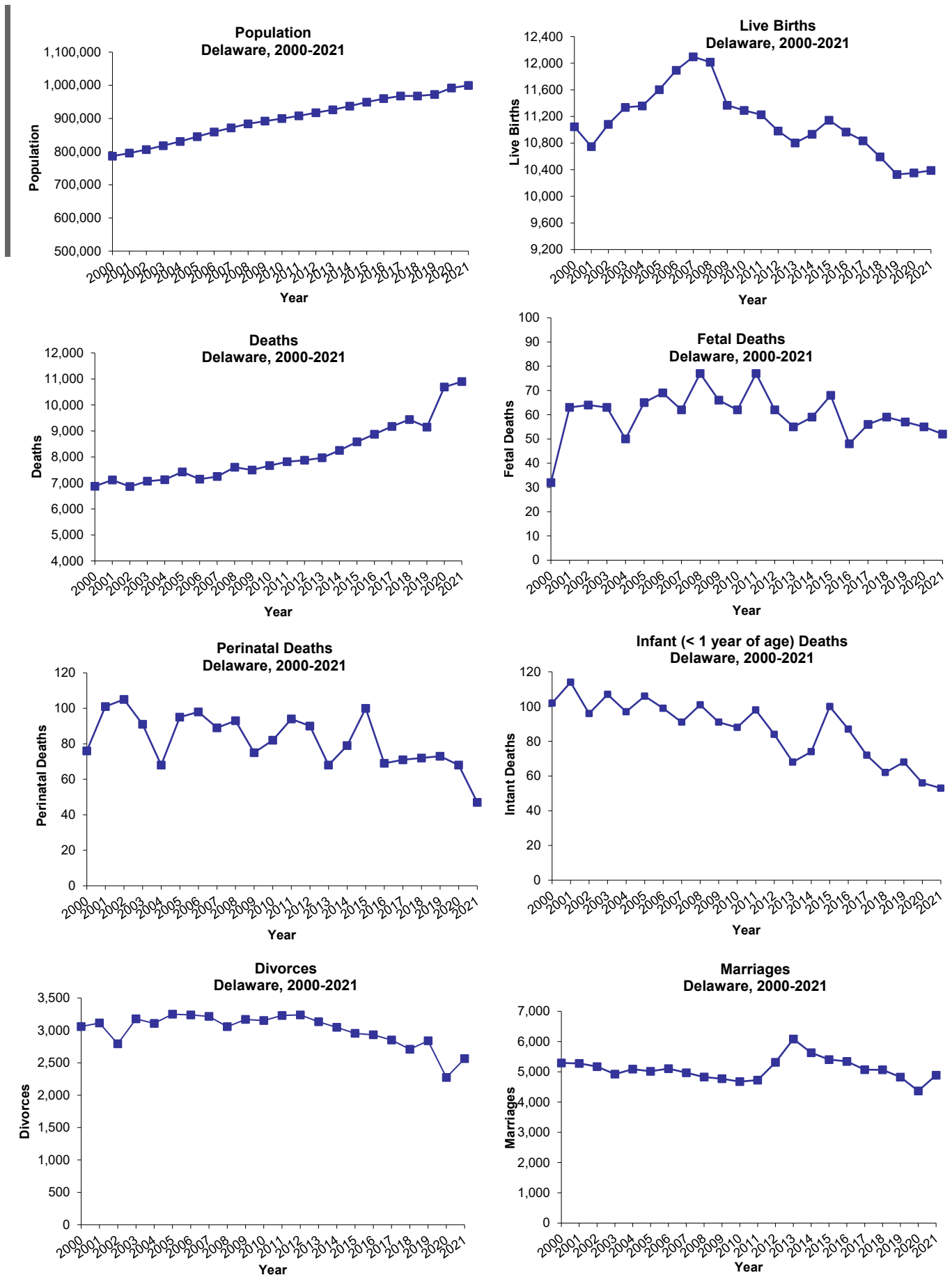
Population		Number*	Percent	Fetal Deaths		Number*	Percent
Delaware		999,674	100.0%	Delaware		52	100.0%
<i>Kent</i>		183,890	18.4%	<i>Kent</i>		12	23.1%
<i>New Castle</i>		572,867	57.3%	<i>New Castle</i>		28	53.8%
<i>Sussex</i>		242,917	24.3%	<i>Sussex</i>		12	23.1%
Marriages		Number*	5-yr Rate ¹	Race			
Delaware		4,889	4.9	<i>Non-Hispanic White</i>		12	23.1%
<i>Kent</i>		853	4.8	<i>Non-Hispanic Black</i>		27	51.9%
<i>New Castle</i>		2,335	4.2	<i>Hispanic Origin⁴</i>		13	25.0%
<i>Sussex</i>		1,701	6.5	Infant Mortality		Number*	5-yr Rate ⁵
Delaware				Delaware		53	5.9
<i>Kent</i>				<i>Kent</i>		12	6.4
<i>New Castle</i>				<i>New Castle</i>		27	6.2
<i>Sussex</i>				<i>Sussex</i>		14	4.7
Divorces		Number*	5-yr Rate ¹	Race			
Delaware		2,564	2.7	<i>Non-Hispanic White</i>		10	3.4
<i>Kent</i>		629	3.2	<i>Non-Hispanic Black</i>		30	11.0
<i>New Castle</i>		1,224	2.5	<i>Hispanic Origin⁴</i>		<11	4.5
<i>Sussex</i>		711	2.7	Mortality		Number*	Adj. Rate ⁶
Live Births		Number*	5-yr Rate ²	Delaware		10,897	791.0
Delaware		10,389	57.0	<i>Kent</i>		2,235	966.3
<i>Kent</i>		2,066	58.4	<i>New Castle</i>		5,624	811.0
<i>New Castle</i>		6,027	54.4	<i>Sussex</i>		3,038	679.9
<i>Sussex</i>		2,296	64.0	Race and Gender			
Births to Teenagers (15-19)				<i>Non-Hispanic White Males</i>		4,439	823.3
<i>Non-Hispanic White</i>		110	8.6	<i>Non-Hispanic White Females</i>		3,869	795.0
<i>Non-Hispanic Black</i>		161	26.7	<i>Non-Hispanic Black Males</i>		1,130	1117.6
Delaware		422	16.1	<i>Non-Hispanic Black Females</i>		930	913.9
<i>Kent</i>		85	15.6	Decedent's Age		Number*	Percent
<i>New Castle</i>		185	13.2	<1		53	0.5%
<i>Sussex</i>		152	25.0	1-14		27	0.2%
Race		Number*	Percent	15-24		115	1.1%
<i>Non-Hispanic White</i>		4,966	47.8%	25-44		624	5.7%
<i>Non-Hispanic Black</i>		2,870	27.6%	45-64		2,090	19.2%
<i>Hispanic Origin⁴</i>		1,847	17.8%	65-74		2,352	21.6%
Marital Status				75-84		2,737	25.1%
<i>Married</i>		5,508	53.0%	85+		2,899	26.6%
<i>Single</i>		4,881	47.0%	Leading Causes of Death			
Births to Single Mothers³				Malignant neoplasms		2,139	19.6%
<i>Non-Hispanic White</i>		1,641	33.0%	Diseases of heart		2,088	19.2%
<i>Non-Hispanic Black</i>		1,991	69.4%	COVID-19		1,042	9.6%
<i>Hispanic Origin⁴</i>		1,135	61.5%	Accidents (unintentional injuries)		798	7.3%
Low Birth Weight (<2500 gms)				Cerebrovascular diseases		733	6.7%
All Races		940	9.0%	Alzheimer's disease		490	4.5%
<i>Non-Hispanic White</i>		349	7.0%				
<i>Non-Hispanic Black</i>		384	13.4%				
<i>Hispanic Origin⁴</i>		142	7.7%				

Notes:

- * Numbers are for 2021.
- 1. The 5-year rate is per 1,000 population and refers to the period 2017-2021.
- 2. The 5-year rate refers to total live births per 1,000 women 15-44 years of age during the 2017-2021 period.
- 3. Percentages for births to single mothers are based on total births for the race-group.
- 4. People of Hispanic origin may be of any race. The percentage is based on total resident births for 2021.
- 5. The 5-year (2017-2021) infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.
- 6. The 2021 mortality rates (deaths per 100,000 population) for Delaware and the counties are age-adjusted to the 2000 U.S. population.

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

Figure 2. Vital Statistics, Delaware, 2000-2021

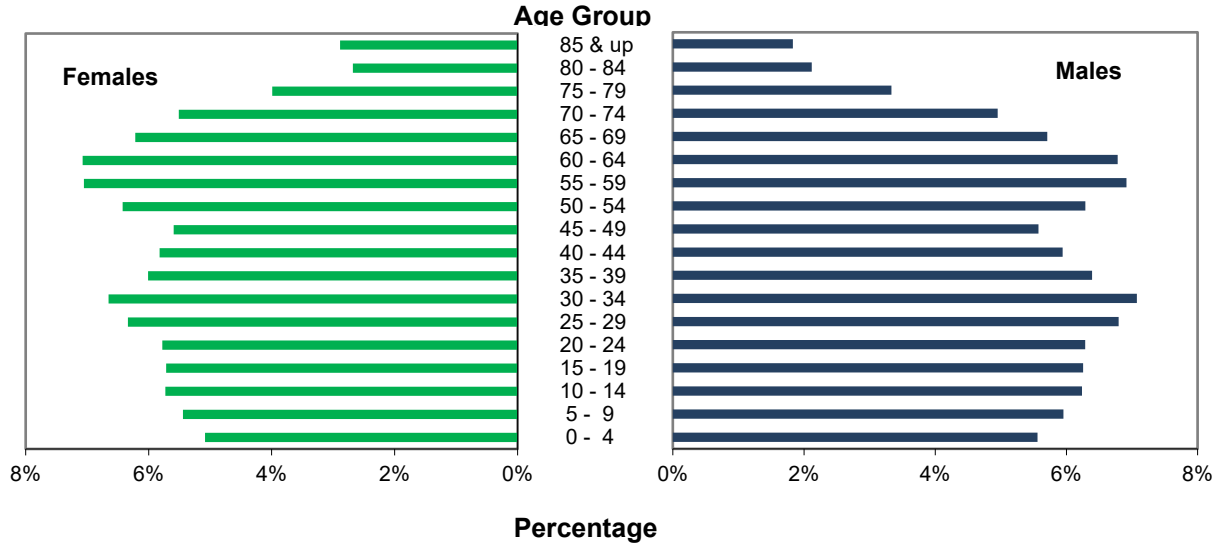


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Population

In 2021, nearly 51% 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 2021 can expect to live an average of 80.9 years versus males who can expect to live 74.3 years.

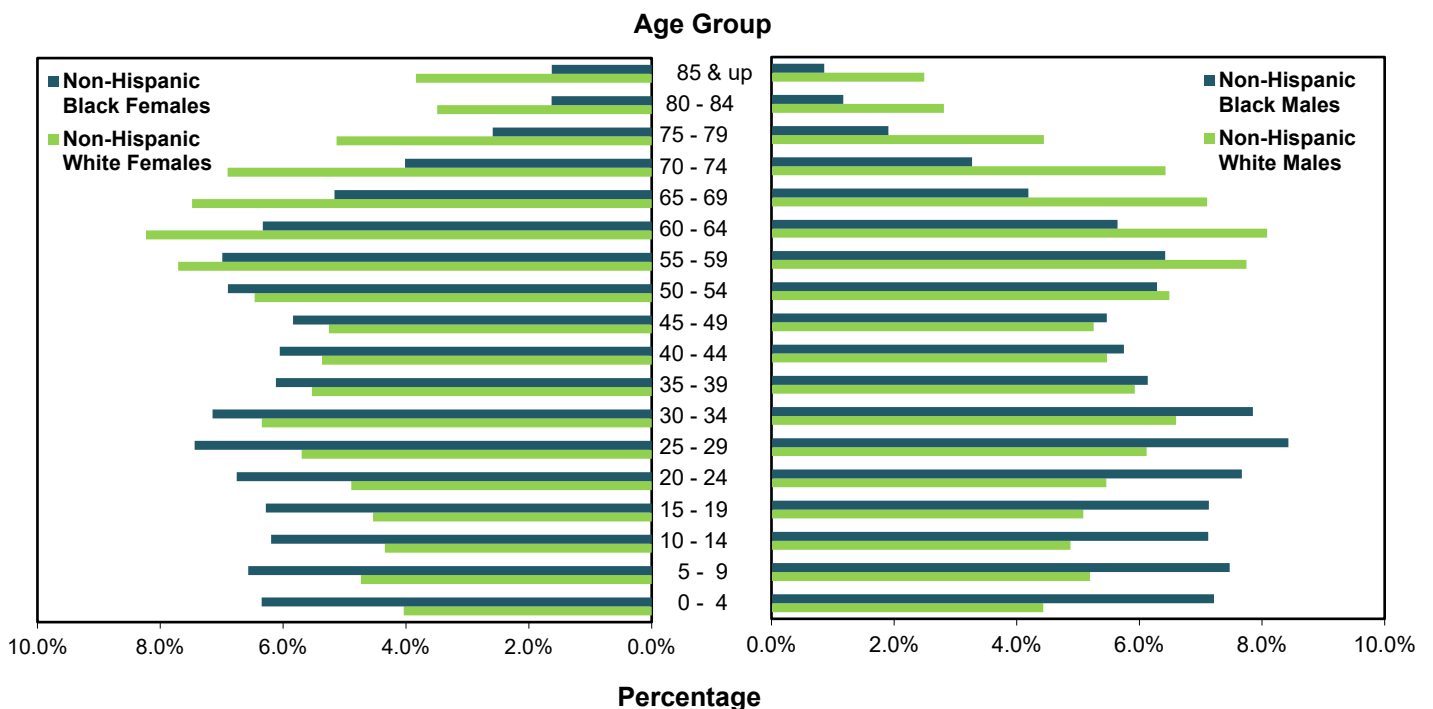
Figure 3. Population by Gender, Delaware, 2021



Source: Delaware Department of Social Services, Division of Public Health, Delaware Health Statistic 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, non-Hispanic black females had a greater percentage of their population in the 0-54 year age range than non-Hispanic white females. In the 55 and above age range for both males and females, a greater proportion of the population was non-Hispanic white.

Figure 4. Non-Hispanic Population by Gender and Race, Delaware, 2021



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

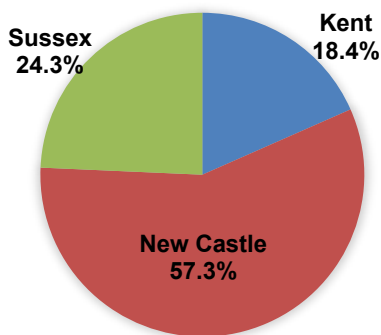
POPULATION

Delaware’s three counties continued their increasing population trend, although they grew at different rates. Between 2000 and 2021, county populations grew annually by 2.1 percent for Kent, 0.7 percent for New Castle, and 2.6 percent for Sussex. Delaware’s statewide increase was 1.3 percent.

In 2021, nearly 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.

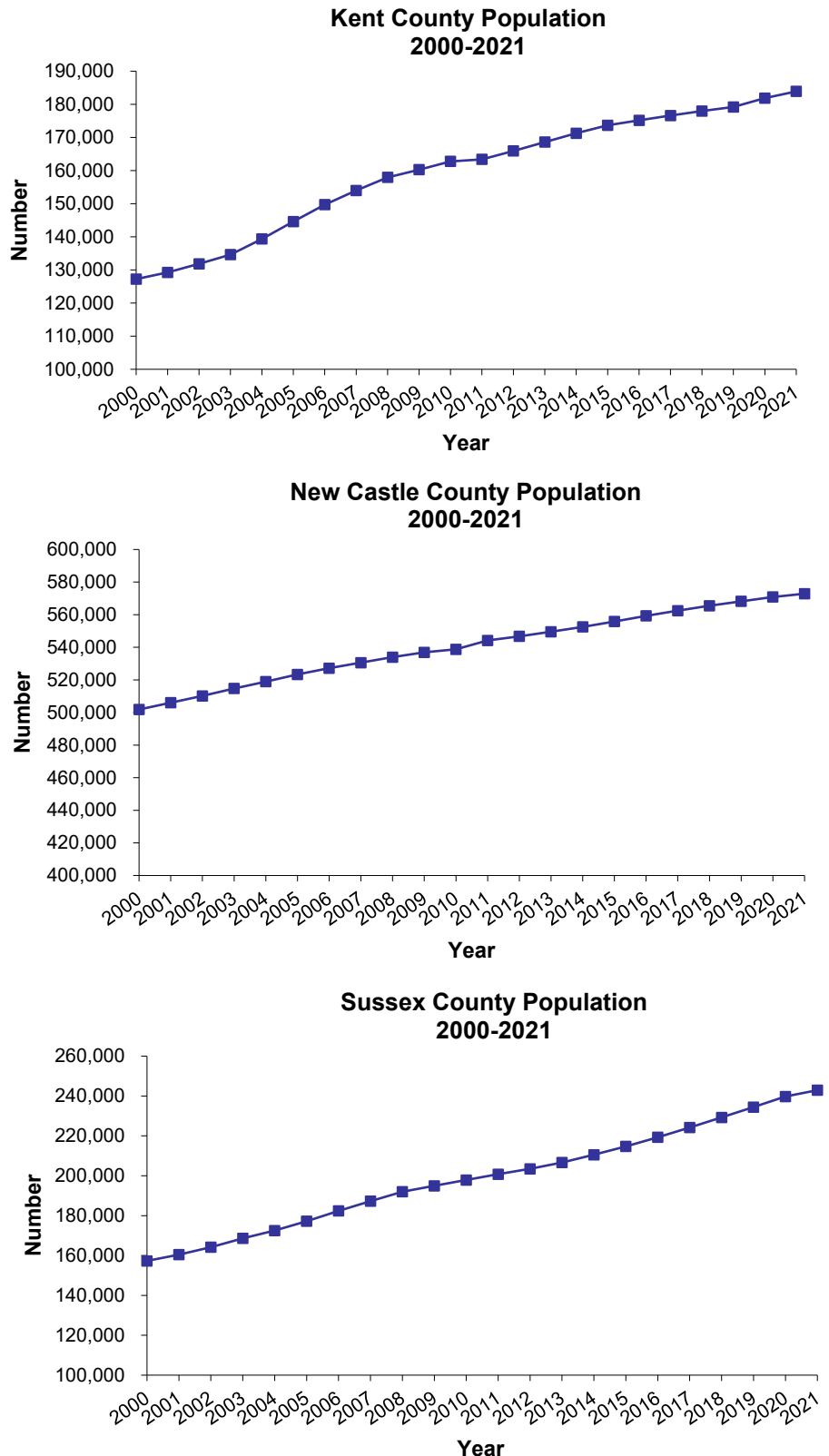
Over half of Delaware’s total population resides in New Castle County, 57%.

Figure 6. Percent of Population by County, Delaware, 2021



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

Figure 5. Resident Population by County, Delaware, 2000-2021



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

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

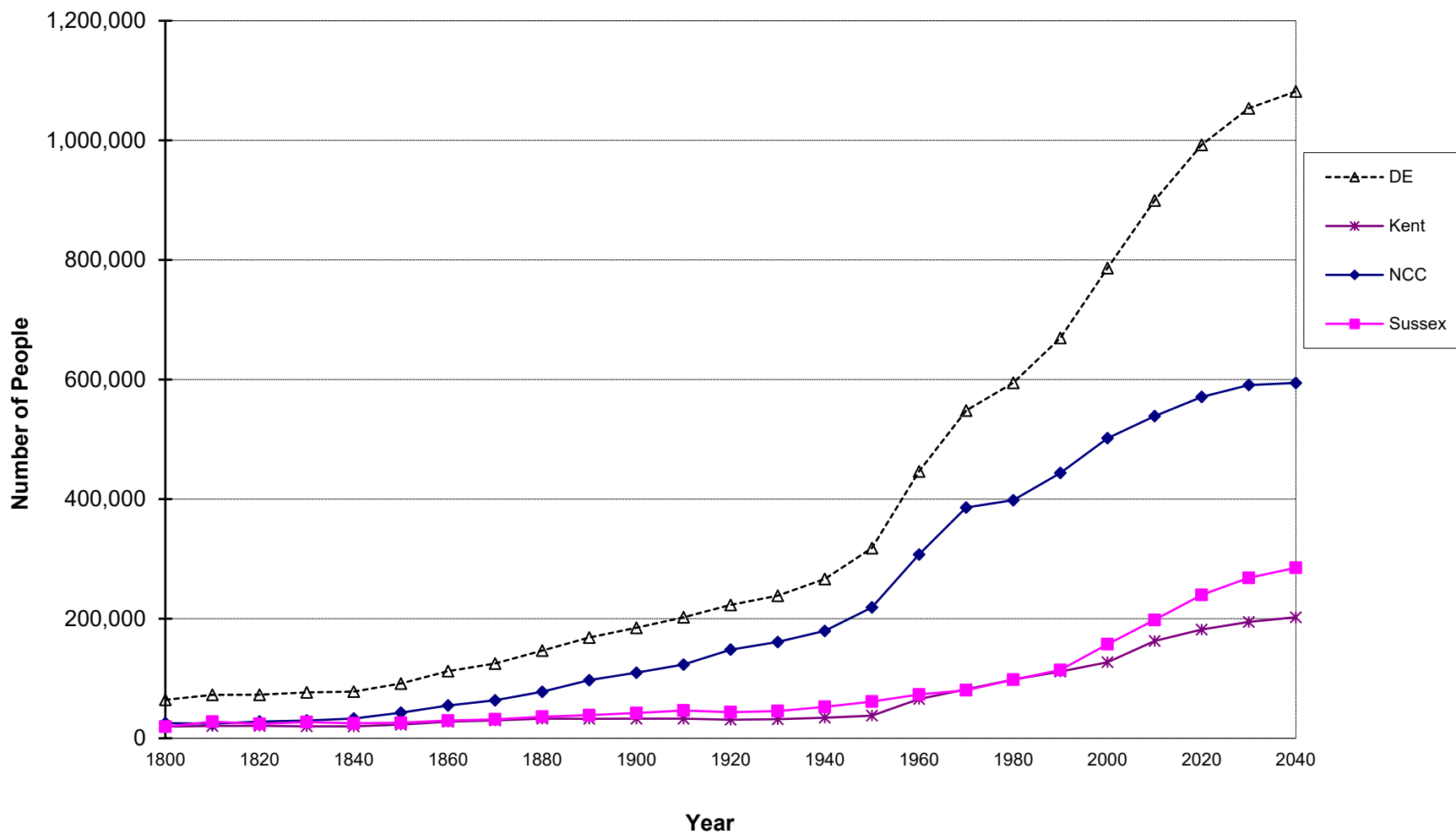
Area/ Sex	1970	1980	% Change 1970-1980	1990	% Change 1980-1990	2000	% Change 1990-2000	2010	% Change 2000-2010	2020*	% Change 2010-2020	% Change 2000-2020
Delaware	548,104	594,338	8.4	666,168	12.1	786,393	18.0	899,381	14.4	992,508	10.4	26.2
Male	267,332	286,599	7.2	322,966	12.7	381,690	18.2	435,584	14.1	480,707	10.4	25.9
Female	280,772	307,739	9.6	343,202	11.5	404,703	17.9	463,797	14.6	511,801	10.4	26.5
Kent	81,892	98,219	19.9	110,993	13.0	127,230	14.6	162,763	27.9	181,858	11.7	42.9
Male	41,337	48,254	16.7	54,300	12.5	61,325	12.9	78,307	27.7	86,159	10.0	40.5
Female	40,555	49,965	23.2	56,693	13.5	65,905	16.2	84,456	28.1	95,699	13.3	45.2
Dover	17,488	23,512	34.4	27,630	17.5	32,135	16.3	35,894	11.7	39,554	10.2	23.1
Male	8,319	11,695	40.6	13,408	14.6	15,114	12.7	16,667	10.3	18,382	10.3	21.6
Female	9,169	11,817	28.9	14,222	20.4	17,021	19.7	19,227	13.0	21,171	10.1	24.4
New Castle	385,856	398,115	3.2	441,946	11.0	501,846	13.6	538,753	7.4	570,888	6.0	13.8
Male	187,124	191,176	2.2	213,869	11.9	243,587	13.9	260,629	7.0	277,725	6.6	14.0
Female	198,732	206,939	4.1	228,077	10.2	258,259	13.2	278,124	7.7	293,163	5.4	13.5
Newark	20,757	25,247	21.6	26,463	4.8	28,457	7.5	31,468	10.6	31,296	-0.5	10.0
Male	10,242	11,993	17.1	12,408	3.5	13,085	5.5	14,689	12.3	14,646	-0.3	11.9
Female	10,515	13,254	26.0	14,055	6.0	15,372	9.4	16,779	9.2	16,649	-0.8	8.3
Wilmington	80,386	70,195	-12.7	71,529	1.9	72,730	1.7	71,454	-1.8	70,905	-0.8	-2.5
Male	36,968	31,458	-14.9	33,249	5.7	34,759	4.5	33,997	-2.2	33,912	-0.3	-2.4
Female	43,418	38,737	-10.8	38,280	-1.2	37,971	-0.8	37,457	-1.4	36,993	-1.2	-2.6
Sussex	80,356	98,004	22.0	113,229	15.5	157,317	38.9	197,865	25.8	239,762	21.2	52.4
Male	38,871	47,169	21.3	54,797	16.2	76,778	40.1	96,648	25.9	116,823	20.9	52.2
Female	41,485	50,835	22.5	58,432	14.9	80,539	37.8	101,217	25.7	122,939	21.5	52.6

Note:

*Numbers for this year are projections.

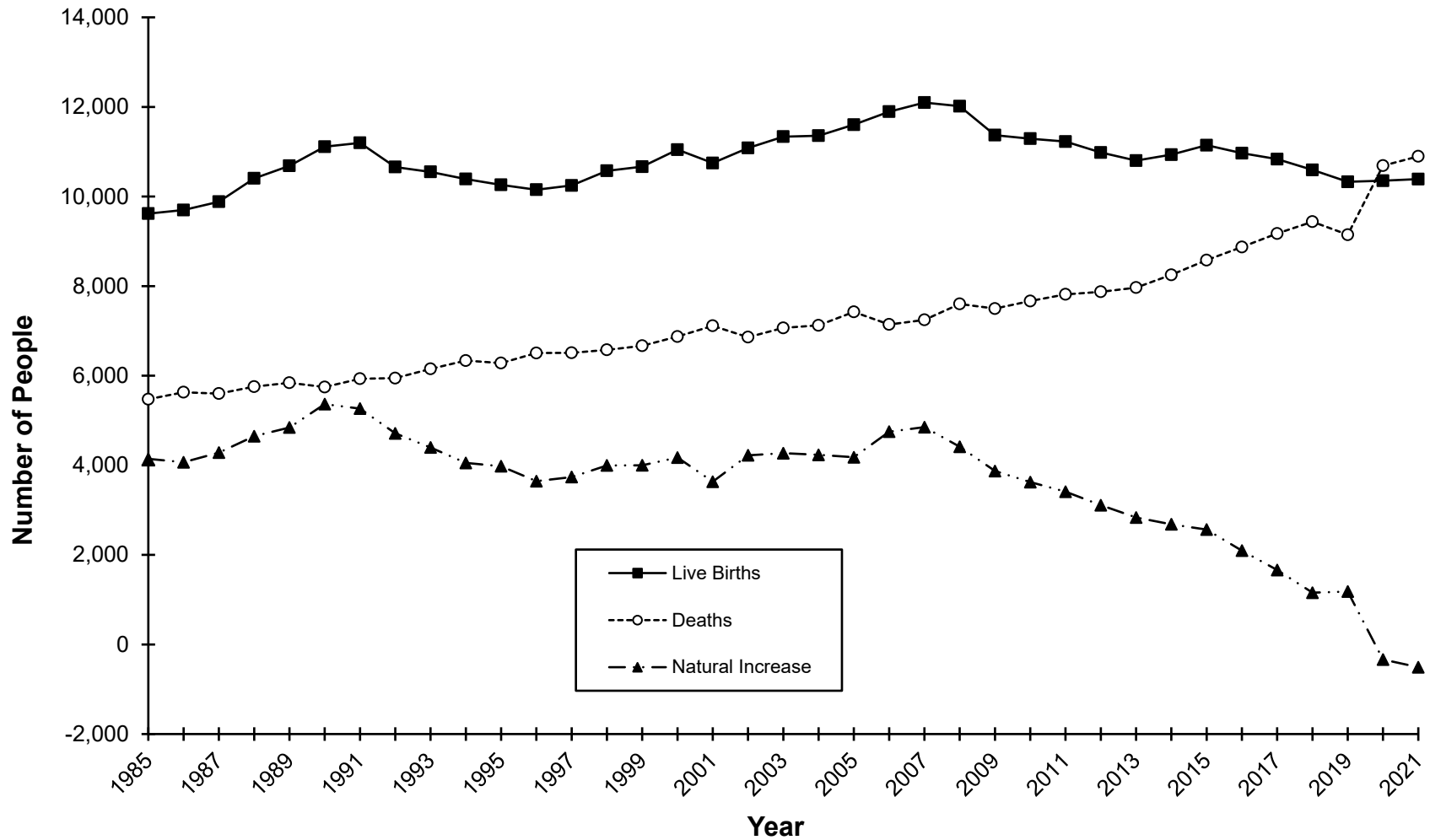
Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center, Delaware Population Consortium
U.S. Bureau of the Census

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, 1985-2021



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

TABLE A-2. POPULATION ESTIMATES BY SEX, RACE AND AGE, COUNTY, CITY OF DOVER, CITY OF NEWARK, AND CITY OF WILMINGTON, DELAWARE, 2021

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	999,674	53,127	56,892	59,738	59,750	60,224	65,572	68,539	61,933	58,786	55,818	63,560	69,844	69,300	59,689	52,389	36,703	24,065	23,745
Male	484,122	26,914	28,830	30,204	30,280	30,429	32,905	34,243	30,945	28,767	26,983	30,448	33,480	32,833	27,634	23,981	16,134	10,257	8,855
Non-Hispanic White	299,199	13,258	15,540	14,586	15,211	16,341	18,302	19,738	17,726	16,367	15,720	19,415	23,174	24,185	21,256	19,224	13,289	8,413	7,454
Non-Hispanic Black	99,740	7,197	7,454	7,105	7,115	7,651	8,408	7,831	6,120	5,733	5,454	6,270	6,404	5,628	4,179	3,263	1,901	1,168	859
Female	515,552	26,213	28,062	29,534	29,470	29,795	32,667	34,296	30,988	30,019	28,835	33,112	36,364	36,467	32,055	28,408	20,569	13,808	14,890
Non-Hispanic White	319,020	12,874	15,104	13,855	14,476	15,601	18,178	20,246	17,649	17,124	16,769	20,625	24,595	26,268	23,875	22,027	16,368	11,143	12,243
Non-Hispanic Black	110,752	7,031	7,274	6,862	6,958	7,483	8,241	7,918	6,775	6,705	6,467	7,641	7,741	7,011	5,721	4,448	2,868	1,805	1,803
Kent	183,890	10,812	11,606	11,701	12,018	12,001	12,629	13,712	11,466	10,647	10,213	11,259	12,101	11,456	9,563	8,547	6,334	4,099	3,726
Male	87,113	5,466	5,868	5,799	5,888	5,964	6,222	6,790	5,524	4,923	4,727	5,322	5,626	5,335	4,237	3,806	2,704	1,626	1,286
Non-Hispanic White	56,999	3,050	3,593	3,328	3,556	3,641	3,555	3,987	3,594	3,310	3,096	3,688	4,028	3,913	3,178	2,958	2,194	1,275	1,055
Non-Hispanic Black	20,621	1,613	1,508	1,507	1,468	1,613	1,961	1,962	1,183	900	1,021	1,165	1,228	1,093	834	689	422	271	183
Female	96,777	5,346	5,738	5,902	6,130	6,037	6,407	6,922	5,942	5,724	5,486	5,937	6,475	6,121	5,326	4,741	3,630	2,473	2,440
Non-Hispanic White	60,252	2,959	3,495	3,159	3,291	3,348	3,248	3,842	3,746	3,617	3,453	3,795	4,421	4,274	3,727	3,449	2,698	1,870	1,860
Non-Hispanic Black	23,237	1,593	1,483	1,383	1,542	1,540	2,102	2,169	1,323	1,277	1,238	1,412	1,404	1,282	1,165	901	627	415	381
New Castle	572,867	30,929	33,124	34,767	35,334	36,175	40,473	42,611	37,761	36,134	33,677	37,729	39,489	38,228	32,055	26,076	16,667	10,627	11,011
Male	278,686	15,675	16,773	17,638	18,070	18,453	20,369	21,216	18,980	17,801	16,526	18,105	18,977	18,105	14,820	11,865	7,134	4,398	3,781
Non-Hispanic White	155,801	6,960	8,336	7,718	8,180	8,995	10,636	11,789	10,109	9,116	8,736	10,433	11,884	12,238	10,563	8,693	5,288	3,251	2,876
Non-Hispanic Black	66,004	4,615	4,919	4,604	4,682	5,096	5,453	4,926	4,118	4,090	3,810	4,340	4,327	3,748	2,704	2,124	1,187	712	549
Female	294,181	15,254	16,351	17,129	17,264	17,722	20,104	21,395	18,781	18,333	17,151	19,624	20,512	20,123	17,235	14,211	9,533	6,229	7,230
Non-Hispanic White	165,914	6,771	8,133	7,359	7,869	8,595	10,874	12,422	9,781	9,480	8,846	11,007	12,504	13,291	11,803	10,043	6,931	4,582	5,623
Non-Hispanic Black	73,547	4,481	4,791	4,510	4,492	5,022	5,184	4,845	4,608	4,656	4,549	5,339	5,393	4,774	3,817	2,956	1,827	1,140	1,163
Wilmington*	70,761	4,878	5,235	4,946	4,469	4,168	4,357	4,512	5,796	5,407	4,190	4,242	4,315	4,140	3,421	2,660	1,668	1,090	1,267
Male	33,861	2,435	2,611	2,472	2,260	2,098	2,178	2,311	2,807	2,612	2,048	2,012	2,022	1,895	1,555	1,154	644	404	343
Non-Hispanic White	9,422	343	469	440	293	242	276	477	1,178	1,048	806	701	674	674	635	506	330	179	151
Non-Hispanic Black	17,795	1,446	1,460	1,422	1,363	1,373	1,473	1,391	1,069	1,066	876	987	1,069	1,019	731	510	248	164	128
Female	36,900	2,443	2,624	2,474	2,209	2,070	2,179	2,201	2,989	2,795	2,142	2,230	2,293	2,245	1,866	1,506	1,024	686	924
Non-Hispanic White	9,437	344	471	426	309	266	259	462	1,101	986	662	580	582	642	631	597	433	264	422
Non-Hispanic Black	20,759	1,465	1,482	1,427	1,343	1,335	1,495	1,346	1,341	1,281	1,106	1,307	1,431	1,353	1,040	764	495	347	401
Sussex	242,917	11,386	12,162	13,270	12,398	12,048	12,470	12,216	12,706	12,005	11,928	14,572	18,254	19,616	18,071	17,766	13,702	9,339	9,008
Male	118,323	5,773	6,189	6,767	6,322	6,012	6,314	6,237	6,441	6,043	5,730	7,021	8,877	9,393	8,577	8,310	6,296	4,233	3,788
Non-Hispanic White	86,399	3,248	3,611	3,540	3,475	3,705	4,111	3,962	4,023	3,941	3,888	5,294	7,262	8,034	7,515	7,573	5,807	3,887	3,523
Non-Hispanic Black	13,115	969	1,027	994	965	942	994	943	819	743	623	765	849	787	641	450	292	185	127
Female	124,594	5,613	5,973	6,503	6,076	6,036	6,156	5,979	6,265	5,962	6,198	7,551	9,377	10,223	9,494	9,456	7,406	5,106	5,220
Non-Hispanic White	92,854	3,144	3,476	3,337	3,316	3,658	4,056	3,982	4,122	4,027	4,470	5,823	7,670	8,703	8,345	8,535	6,739	4,691	4,760
Non-Hispanic Black	13,968	957	1,000	969	924	921	955	904	844	772	680	890	944	955	739	591	414	250	259

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 2021 there were 4,889 marriages and 2,564 divorces in Delaware. Over half of all divorces in 2021 were of marriages that lasted less than 10 years.

Marriage

Male

Youngest: 18
Oldest: 91

Female

Youngest: 18
Oldest: 85

Marriage with the greatest age difference between bride and groom: 43 years.

Most popular month to get married: October.

Divorce

Male

Youngest: 20
Oldest: 86

Female

Youngest: 19
Oldest: 88

Shortest duration of marriage: 7 days

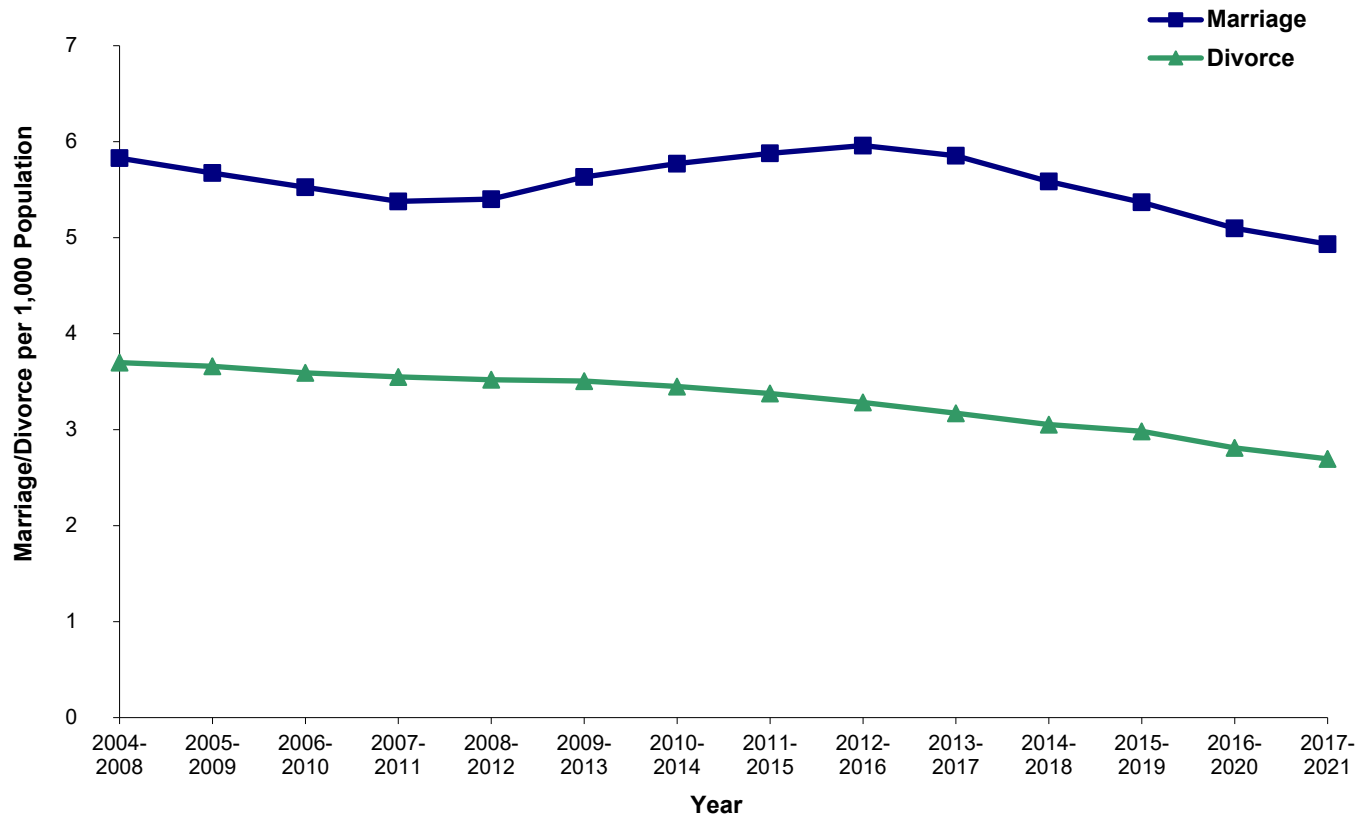
Longest duration of marriage: 52 years

Median duration of marriage: 9 years

Total children under 18 years of age: 1,862

Between 2008-2012 and 2017-2021, the five-year average marriage rate decreased from 5.4 to 4.9 marriages per 1,000 population. The five-year average divorce rate declined 22.9 percent from 3.5 in 2008-2012 to 2.7 divorces per 1,000 population in 2017-2021.

Figure 7. Five-year Average Marriage and Divorce Rates, per 1,000 Population, Delaware, 2004-2021



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, 2006-2021

Year	U.S.	Delaware	Kent	New Castle	Sussex
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	2,131,853	5,066	881	2,621	1,564
2019	2,015,603	4,826	866	2,478	1,482
2020	1,676,911	4,368	901	2,044	1,423
2021	1,985,072	4,889	853	2,335	1,701

Note:

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

Sources: National Center for Health Statistics

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

TABLE B-2. FIVE-YEAR AVERAGE MARRIAGE RATES PER 1,000 POPULATION BY PLACE OF CEREMONY BY COUNTY, U.S., DELAWARE, 2006-2021

Years	U.S.	Delaware	Kent	New Castle	Sussex
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	5.8	4.6	7.3
2009-2013	6.7	5.6	5.7	4.8	7.9
2010-2014	6.7	5.8	5.6	4.9	8.3
2011-2015	6.8	5.9	5.5	5.0	8.6
2012-2016	6.8	6.0	5.4	5.1	8.8
2013-2017	6.8	5.9	5.3	5.0	8.5
2014-2018	6.8	5.6	5.2	4.8	7.8
2015-2019	6.7	5.3	5.0	4.7	7.3
2016-2020	6.3	5.1	5.0	4.4	6.8
2017-2021	6.1	4.9	4.9	4.2	6.6

Note:

U.S. rates are based on NCHS estimate.

Sources: National Center for Health Statistics

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

TABLE B-3. NUMBER AND PERCENT OF MARRIAGES BY RACE OF GROOM AND BRIDE, DELAWARE, 2021

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	39	83.0	2	6.1	0	0.0	1	12.5	1	0.0	5	26.3
Non-Hispanic Black	2	4.3	31	93.9	0	0.0	0	0.0	1	0.0	2	10.5
Non-Hispanic American Indian	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.3
Non-Hispanic Asian/Pacific Islander	1	2.1	0	0.0	0	0.0	7	87.5	0	0.0	0	0.0
Non-Hispanic Other	3	6.4	0	0.0	0	0.0	0	0.0	4,781	100.0	2	10.5
Hispanic	2	4.3	0	0.0	0	0.0	0	0.0	0	0.0	9	47.4

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, 2021

Previous Marital Status	Race					
	All Races		White NonHispanic		Black NonHispanic	
	Number	Percent	Number	Percent	Number	Percent
Groom						
Single	3,418	69.9	32	66.7	24	66.7
Widowed	124	2.5	0	0.0	0	0.0
Divorced	1,347	27.6	16	33.3	12	33.3
Bride						
Single	3,444	70.4	27	57.4	23	69.7
Widowed	115	2.4	1	2.1	0	0.0
Divorced	1,330	27.2	19	40.4	10	30.3

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, 2021

Marriage Order	Type of Ceremony	Race					
		All Races		White NonHispanic		Black NonHispanic	
		Number	Percent	Number	Percent	Number	Percent
Groom							
First Marriage	Civil	2,823	82.6	31	96.9	21	87.5
	Religious	595	17.4	1	3.1	3	12.5
Remarriage	Civil	1,143	77.7	15	93.8	10	83.3
	Religious	328	22.3	1	6.3	2	16.7
Bride							
First Marriage	Civil	2,843	82.5	26	96.3	19	82.6
	Religious	601	17.5	1	3.7	4	17.4
Remarriage	Civil	1,123	77.7	19	95.0	10	100.0
	Religious	322	22.3	1	5.0	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.

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

TABLE B-6. MEDIAN AND MEAN AGE OF BRIDE AND GROOM BY MARRIAGE ORDER AND RACE, DELAWARE, 2021

Marriage Order	Race					
	All Races		White NonHispanic		Black NonHispanic	
	Median	Mean	Median	Mean	Median	Mean
Groom						
First Marriage	31	32	30	31	36	35
Remarriage	48	49	47	46	41	43
Bride						
First Marriage	29	31	29	30	33	33
Remarriage	46	46	41	42	41	44

Note:

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

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

TABLE B-7. NUMBER AND PERCENT OF MARRIAGES BY MARRIAGE ORDER, AGE, AND RACE OF BRIDE AND GROOM, DELAWARE, 2021

Marriage Order	Age	Race						
		All Races		Non-Hispanic White		Non-Hispanic Black		
		Number	Percent	Number	Percent	Number	Percent	
Groom								
All Marriages	<20	31	0.6	1	2.1	0	0.0	
	20-29	1,495	30.6	15	31.3	10	27.8	
	30-39	1,735	35.5	19	39.6	10	27.8	
	40-49	717	14.7	5	10.4	12	33.3	
	50-64	700	14.3	7	14.6	4	11.1	
	65+	211	4.3	1	2.1	0	0.0	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	31	0.9	1	3.1	0	0.0
		20-29	1,435	42.0	14	43.8	9	37.5
		30-39	1,419	41.5	14	43.8	6	25.0
		40-49	325	9.5	2	6.3	8	33.3
		50-64	181	5.3	1	3.1	1	4.2
		65+	27	0.8	0	0.0	0	0.0
		Unk	0	0.0	0	0.0	0	0.0
	Remarriage	<20	0	0.0	0	0.0	0	0.0
		20-29	60	4.1	1	6.3	1	8.3
		30-39	316	21.5	5	31.3	4	33.3
40-49		392	26.6	3	18.8	4	33.3	
50-64		519	35.3	6	37.5	3	25.0	
65+		184	12.5	1	6.3	0	0.0	
Unk		0	0.0	0	0.0	0	0.0	
Bride								
All Marriages	<20	65	1.3	0	0.0	0	0.0	
	20-29	1,813	37.1	18	38.3	9	27.3	
	30-39	1,618	33.1	15	31.9	11	33.3	
	40-49	692	14.2	10	21.3	11	33.3	
	50-64	555	11.4	4	8.5	2	6.1	
	65+	146	3.0	0	0.0	0	0.0	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	64	1.9	0	0.0	0	0.0
		20-29	1,731	50.3	16	59.3	9	39.1
		30-39	1,239	36.0	9	33.3	7	30.4
		40-49	270	7.8	1	3.7	7	30.4
		50-64	113	3.3	1	3.7	0	0.0
		65+	27	0.8	0	0.0	0	0.0
		Unk	0	0.0	0	0.0	0	0.0
	Remarriage	<20	1	0.1	0	0.0	0	0.0
		20-29	82	5.7	2	10.0	0	0.0
		30-39	379	26.2	6	30.0	4	40.0
40-49		422	29.2	9	45.0	4	40.0	
50-64		442	30.6	3	15.0	2	20.0	
65+		119	8.2	0	0.0	0	0.0	
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, 2021

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	17	13	0	0	0	0	0	0	0	1	0	0	0	0
	20-29	40	1,180	136	7	1	0	0	1	41	25	4	0	0	0
	30-39	2	398	752	52	3	0	0	0	21	143	43	5	0	0
	40-49	0	18	101	82	11	0	0	0	1	29	69	13	1	0
	50-64	0	1	16	21	40	3	0	0	0	6	22	63	9	0
	65+	0	1	1	0	7	6	0	0	0	0	1	5	6	0
	Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remarriage	<20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	2	33	11	0	0	0	0	0	7	6	1	0	0	0
	30-39	1	62	116	10	1	0	0	0	10	87	25	4	0	0
	40-49	1	19	82	57	5	0	0	0	1	65	139	23	0	0
	50-64	1	6	23	35	24	3	0	0	0	17	114	279	17	0
	65+	0	0	1	6	21	15	0	0	0	1	4	50	86	0
	Unk	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, 2021

Month	Number	Percent
January	205	4.2
February	217	4.4
March	244	5.0
April	363	7.4
May	507	10.4
June	520	10.6
July	431	8.8
August	434	8.9
September	615	12.6
October	710	14.5
November	346	7.1
December	297	6.1
Total	4,889	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, 2021

Day	Number	Percent
Sunday	545	11.1
Monday	239	4.9
Tuesday	209	4.3
Wednesday	514	10.5
Thursday	433	8.9
Friday	891	18.2
Saturday	2,058	42.1
Total	4,889	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, 2006-2021

Year	Delaware	Kent	New Castle	Sussex
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
2019	2,839	588	1,595	656
2020	2,273	473	1,304	496
2021	2,564	629	1,224	711

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, 2006-2021

Years	Delaware	Kent	New Castle	Sussex
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	3.5	4.2	3.2	3.5
2011-2015	3.4	4.1	3.1	3.5
2012-2016	3.3	4.0	3.1	3.3
2013-2017	3.2	3.8	2.9	3.3
2014-2018	3.0	3.6	2.9	3.0
2015-2019	3.0	3.5	2.8	2.9
2016-2020	2.8	3.3	2.7	2.7
2017-2021	2.7	3.2	2.5	2.7

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, 2021

Race of Husband	Race of Wife								
	White	Black	American Indian	Chinese	Hawaiian	Filipino	Other Asian	Other Race	Not Classifiable
White	1,373	54	0	7	1	6	12	25	25
Black	93	611	6	0	0	1	0	20	19
American Indian	3	2	2	0	0	0	0	0	0
Chinese	0	0	0	6	0	0	0	0	0
Hawaiian	2	0	0	0	0	0	0	2	0
Filipino	3	1	0	0	0	3	0	0	0
Other Asian	5	4	0	0	0	0	17	1	0
Other Race	38	17	1	0	0	2	1	44	7
Not Classifiable	22	10	0	0	0	0	0	2	116

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, 2021

Number of Marriage	All Races		Non-Hispanic White		Non-Hispanic Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	44	45	43	44	44	45
First Marriage	40	42	39	41	40	42
Second Marriage	51	51	50	51	50	50
Third Marriage+	57	57	56	56	59	58
Not Stated	44	45	41	43	44	45
Wife						
All Marriages	42	43	41	43	41	43
First Marriage	38	40	37	39	38	40
Second Marriage	49	49	49	49	47	49
Third Marriage+	55	54	55	54	52	51
Not Stated	42	43	40	42	45	46

Notes:

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

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

TABLE B-15. NUMBER AND PERCENT OF DIVORCES/ANNULMENTS* BY MARRIAGE ORDER, AGE OF HUSBAND AND WIFE AT TIME OF DIVORCE DECREE AND RACE OF HUSBAND AND WIFE, DELAWARE, 2021

Marriage Order	Age	Husband's Race						Wife's Race					
		All Races		Non-Hispanic White		Non-Hispanic Black		All Races		Non-Hispanic White		Non-Hispanic Black	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Marriages	<20	0	0.0	0	0.0	0	0.0	5	0.2	3	0.3	1	0.2
	20-29	225	8.8	114	10.5	25	4.4	304	11.9	140	12.5	53	10.2
	30-39	722	28.2	316	29.0	179	31.3	789	30.8	354	31.7	170	32.7
	40-49	697	27.2	294	27.0	168	29.4	685	26.7	292	26.1	154	29.6
	50-64	718	28.0	283	26.0	162	28.4	616	24.0	267	23.9	113	21.7
	65+	172	6.7	76	7.0	30	5.3	113	4.4	50	4.5	17	3.3
	Unk	30	1.2	6	0.6	7	1.2	52	2.0	12	1.1	12	2.3
First Marriage	<20	0	0.0	0	0.0	0	0.0	4	0.3	2	0.3	1	0.3
	20-29	199	12.2	103	14.3	25	6.5	260	16.3	126	17.5	50	14.5
	30-39	588	36.0	263	36.5	153	40.1	596	37.3	284	39.4	132	38.3
	40-49	433	26.5	189	26.2	105	27.5	410	25.6	180	25.0	93	27.0
	50-64	348	21.3	142	19.7	81	21.2	277	17.3	113	15.7	55	15.9
	65+	51	3.1	23	3.2	11	2.9	21	1.3	9	1.2	4	1.2
	Unk	16	1.0	1	0.1	7	1.8	31	1.9	7	1.0	10	2.9
Second Marriage	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	8	1.5	6	2.4	0	0.0	15	2.9	5	1.9	1	1.1
	30-39	68	12.4	39	15.4	12	10.3	96	18.5	49	18.9	16	18.4
	40-49	176	32.1	78	30.7	46	39.7	157	30.2	82	31.7	34	39.1
	50-64	222	40.4	93	36.6	53	45.7	193	37.1	91	35.1	29	33.3
	65+	71	12.9	36	14.2	5	4.3	51	9.8	29	11.2	6	6.9
	Unk	4	0.7	2	0.8	0	0.0	8	1.5	3	1.2	1	1.1
Third Marriage and more	<20	0	0.0	0	0.0	0	0.0	1	0.6	1	1.3	0	0.0
	20-29	1	0.6	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0
	30-39	9	5.4	3	4.3	2	5.3	11	6.7	2	2.5	5	15.6
	40-49	29	17.3	13	18.8	5	13.2	36	22.1	19	24.1	8	25.0
	50-64	87	51.8	36	52.2	18	47.4	87	53.4	45	57.0	18	56.3
	65+	41	24.4	16	23.2	13	34.2	24	14.7	10	12.7	1	3.1
	Unk	1	0.6	1	1.4	0	0.0	3	1.8	2	2.5	0	0.0
Not Stated	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	17	8.0	5	11.1	0	0.0	28	9.9	9	15.3	2	3.6
	30-39	57	26.9	11	24.4	12	34.3	86	30.5	19	32.2	17	30.4
	40-49	59	27.8	14	31.1	12	34.3	82	29.1	11	18.6	19	33.9
	50-64	61	28.8	12	26.7	10	28.6	59	20.9	18	30.5	11	19.6
	65+	9	4.2	1	2.2	1	2.9	17	6.0	2	3.4	6	10.7
	Unk	9	4.2	2	4.4	0	0.0	10	3.5	0	0.0	1	1.8

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of divorces in each 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, 2021

Number of Marriage	All Races		Non-Hispanic White		Non-Hispanic Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	9.2	11.9	9.8	12.2	8.5	10.7
First Marriage	9.7	12.5	10.0	12.7	9.5	11.5
Second Marriage	8.7	11.1	9.7	11.8	6.7	8.8
Third Marriage+	8.0	9.8	8.6	10.2	8.1	10.1
Not Stated	8.8	10.8	9.5	11.0	6.9	8.6
Wife						
All Marriages	9.2	11.9	9.7	12.2	8.4	10.7
First Marriage	9.5	12.3	9.9	12.8	8.7	10.7
Second Marriage	9.4	11.9	10.2	12.1	7.5	10.1
Third Marriage+	7.5	9.0	9.2	9.8	6.6	8.6
Not Stated	9.0	11.3	7.8	9.7	10.1	12.7

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, 2021

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	64	2.5	26	2.4	12	2.1	64	2.5	23	2.1	16	3.1
	1-4	594	23.2	256	23.5	128	22.4	594	23.2	245	21.9	127	24.4
	5-9	691	27.0	271	24.9	180	31.5	691	27.0	300	26.8	152	29.2
	10-14	443	17.3	198	18.2	117	20.5	443	17.3	204	18.2	97	18.7
	15-19	276	10.8	131	12.0	47	8.2	276	10.8	130	11.6	45	8.7
	20-24	190	7.4	76	7.0	43	7.5	190	7.4	83	7.4	37	7.1
	25-29	139	5.4	59	5.4	14	2.5	139	5.4	61	5.5	15	2.9
	30+	133	5.2	68	6.2	19	3.3	133	5.2	65	5.8	21	4.0
	Not Stated	34	1.3	4	0.4	11	1.9	34	1.3	7	0.6	10	1.9
First Marriage	<1	33	2.0	10	1.4	7	1.8	30	1.9	8	1.1	12	3.5
	1-4	364	22.3	174	24.1	77	20.2	364	22.8	153	21.2	85	24.6
	5-9	432	26.4	175	24.3	114	29.8	438	27.4	199	27.6	98	28.4
	10-14	278	17.0	127	17.6	81	21.2	278	17.4	133	18.4	66	19.1
	15-19	173	10.6	86	11.9	35	9.2	159	9.9	74	10.3	30	8.7
	20-24	134	8.2	54	7.5	32	8.4	130	8.1	56	7.8	28	8.1
	25-29	97	5.9	42	5.8	10	2.6	90	5.6	44	6.1	8	2.3
	30+	100	6.1	51	7.1	17	4.5	96	6.0	51	7.1	14	4.1
	Not Stated	24	1.5	2	0.3	9	2.4	14	0.9	3	0.4	4	1.2
Second Marriage	<1	15	2.7	8	3.1	3	2.6	21	4.0	10	3.9	1	1.1
	1-4	135	24.6	53	20.9	34	29.3	107	20.6	53	20.5	20	23.0
	5-9	151	27.5	71	28.0	40	34.5	139	26.7	64	24.7	32	36.8
	10-14	98	17.9	48	18.9	19	16.4	88	16.9	48	18.5	14	16.1
	15-19	64	11.7	29	11.4	9	7.8	73	14.0	39	15.1	8	9.2
	20-24	33	6.0	18	7.1	8	6.9	31	6.0	19	7.3	3	3.4
	25-29	24	4.4	12	4.7	1	0.9	27	5.2	12	4.6	2	2.3
	30+	24	4.4	13	5.1	1	0.9	28	5.4	13	5.0	4	4.6
	Not Stated	5	0.9	2	0.8	1	0.9	6	1.2	1	0.4	3	3.4
Third Marriage and more	<1	5	3.0	3	4.3	1	2.6	5	3.1	2	2.5	2	6.3
	1-4	36	21.4	17	24.6	7	18.4	49	30.1	22	27.8	10	31.3
	5-9	59	35.1	19	27.5	13	34.2	48	29.4	21	26.6	9	28.1
	10-14	32	19.0	14	20.3	9	23.7	35	21.5	17	21.5	8	25.0
	15-19	18	10.7	10	14.5	3	7.9	14	8.6	10	12.7	1	3.1
	20-24	7	4.2	2	2.9	1	2.6	6	3.7	5	6.3	0	0.0
	25-29	6	3.6	1	1.4	3	7.9	4	2.5	2	2.5	1	3.1
	30+	3	1.8	3	4.3	0	0.0	2	1.2	0	0.0	1	3.1
	Not Stated	2	1.2	0	0.0	1	2.6	0	0.0	0	0.0	0	0.0
Not Stated	<1	11	5.2	5	11.1	1	2.9	8	4.9	3	5.1	1	1.8
	1-4	59	27.8	12	26.7	10	28.6	74	45.4	17	28.8	12	21.4
	5-9	49	23.1	6	13.3	13	37.1	66	40.5	16	27.1	13	23.2
	10-14	35	16.5	9	20.0	8	22.9	42	25.8	6	10.2	9	16.1
	15-19	21	9.9	6	13.3	0	0.0	30	18.4	7	11.9	6	10.7
	20-24	16	7.5	2	4.4	2	5.7	23	14.1	3	5.1	6	10.7
	25-29	12	5.7	4	8.9	0	0.0	18	11.0	3	5.1	4	7.1
	30+	6	2.8	1	2.2	1	2.9	7	4.3	1	1.7	2	3.6
Not Stated	3	1.4	0	0.0	0	0.0	14	8.6	3	5.1	3	5.4	

- 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, 2021

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	2,564	100.0	1,089	100.0	571	100.0	650	100.0	254	100.0
None	1,307	51.0	549	50.4	309	54.1	332	51.1	117	46.1
1	422	16.5	197	18.1	80	14.0	93	14.3	52	20.5
2	404	15.8	196	18.0	76	13.3	97	14.9	35	13.8
3	140	5.5	59	5.4	32	5.6	29	4.5	20	7.9
4	33	1.3	9	0.8	14	2.5	6	0.9	4	1.6
5+	15	0.6	5	0.5	6	1.1	2	0.3	2	0.8
Unknown	243	9.5	74	6.8	54	9.5	91	14.0	24	9.4
Wife	2,564	100.0	1,118	100.0	520	100.0	687	100.0	239	100.0
None	1,307	51.0	562	50.3	278	53.5	354	51.5	113	47.3
1	422	16.5	202	18.1	71	13.7	104	15.1	45	18.8
2	404	15.8	208	18.6	69	13.3	91	13.2	36	15.1
3	140	5.5	55	4.9	36	6.9	29	4.2	20	8.4
4	33	1.3	13	1.2	11	2.1	7	1.0	2	0.8
5+	15	0.6	5	0.4	4	0.8	4	0.6	2	0.8
Unknown	243	9.5	73	6.5	51	9.8	98	14.3	21	8.8

Notes:

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

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

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Live Births

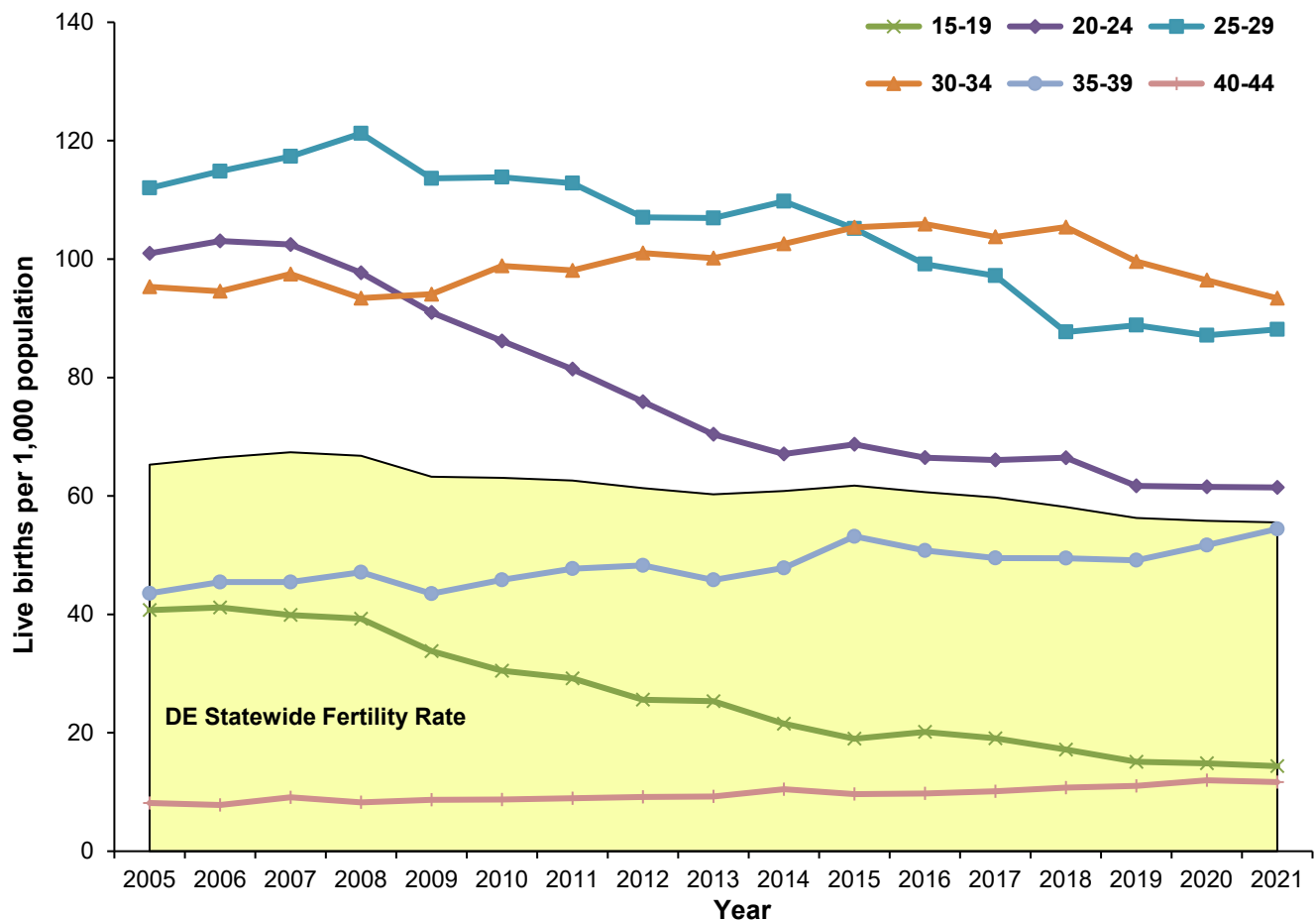
LIVE BIRTHS

In 2021, there were 10,871 births in Delaware; 9,882 were to Delaware residents and 989 were to non-residents. Additionally 507 births to Delaware residents occurred out of state, for a total of 10,389 Delaware resident births, 37 more Delaware resident births than in 2020.

The recent national declines in general fertility and live birth rates were also apparent in Delaware statistics. From 2008 to 2021, the general fertility rate (number of births per 1,000 women aged 15-44 years) declined from a high of 66.8 to 55.5 births per 1,000 women aged 15-44. The birth rate of women aged 15-19 (teens) exhibited the largest decline at 63 percent followed by women aged 20-24 that decreased 37 percent and women aged 25-29 that decreased 27 percent.

During this time period women in the 40-44 aged group had the largest increase at 42 percent from 8.3 to 11.7 births per 1,000 women followed by women aged 35-39 that increased 15 percent. Since 2008 the number of births to women aged 30-34 has not significantly changed.

Figure 8. Annual Fertility and Age-Specific Live Birth Rates, Delaware, 2005-2021



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

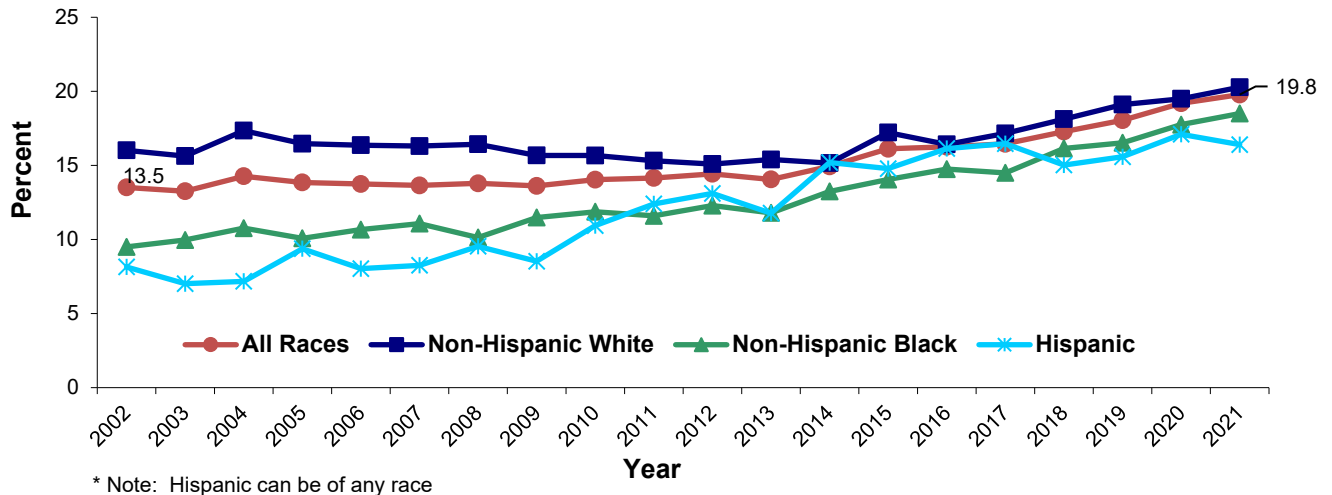
From 2017 to 2021, the decline in the number of births seen in teens aged 15-19 was apparent in both the 15-17 and 18-19 age groups. Birth rates among teens aged 15-17 decreased 49 percent while birth rates among teens 18-19 fell 15 percent.

In the 2017-2021 time period, Sussex County had the highest five year-average 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.

LIVE BIRTHS

Between 2002 and 2021, 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 19.8 percent in 2021, a 33 percent increase from 2014. Hispanic mothers aged 35 and older had the greatest percentage increase in births from 8.1 in 2002 to 16.4 in 2021.

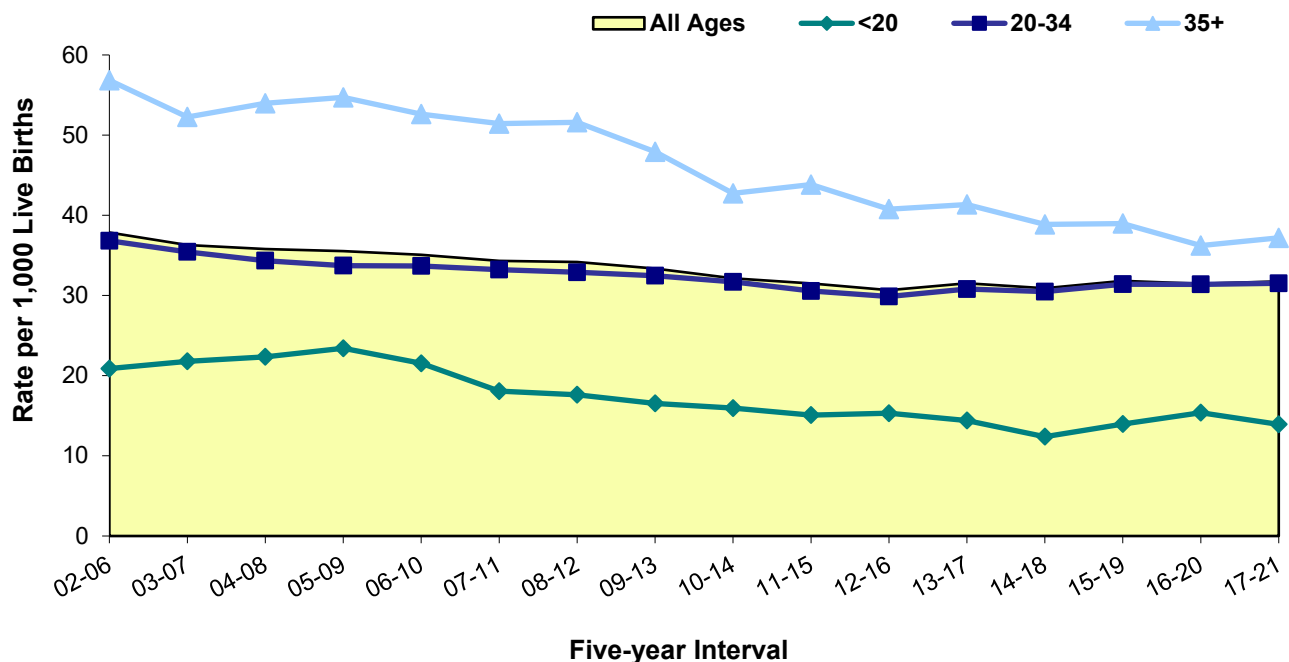
Figure 9. Annual Percentage of Live Births to Women 35 or Older by Race and Hispanic Origin,* Delaware, 2002-2021



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 16 percent between 2002-2006 and 2017-2021. In 2017-2021, older mothers (35+) had the highest plural birth rates, at 37 multiples per 1,000 births, more than twice that of mothers under 20, and 18 percent higher than mothers 20-34.

Figure 10. Five-year Average Plural Birth Rate by Age of Mother, Delaware, 2002-2021



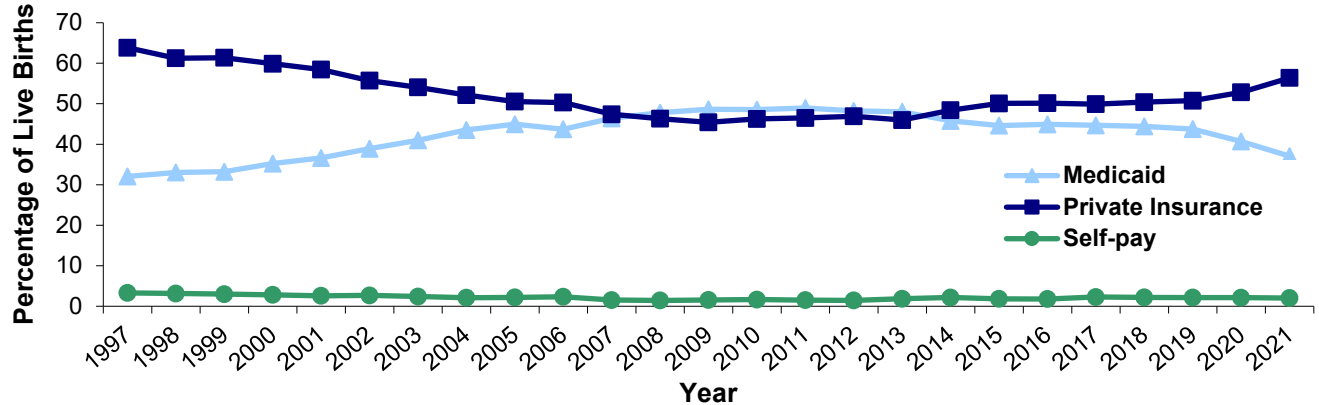
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

LIVE BIRTHS

In 2021, private insurance or Medicaid were listed as the primary source of payment in 93.4 percent of all live births; the remaining 6.6 percent were split between other, other government coverage, unknown, and self-pay.

- In 2021, in all race categories, majority of women over thirty (68 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 76.1 percent of non-Hispanic black mothers, and 66.4 percent of non-Hispanic white mothers in that age group.

Figure 11. Percentage of Births by Source of Payment for Delivery, Delaware, 1997-2021

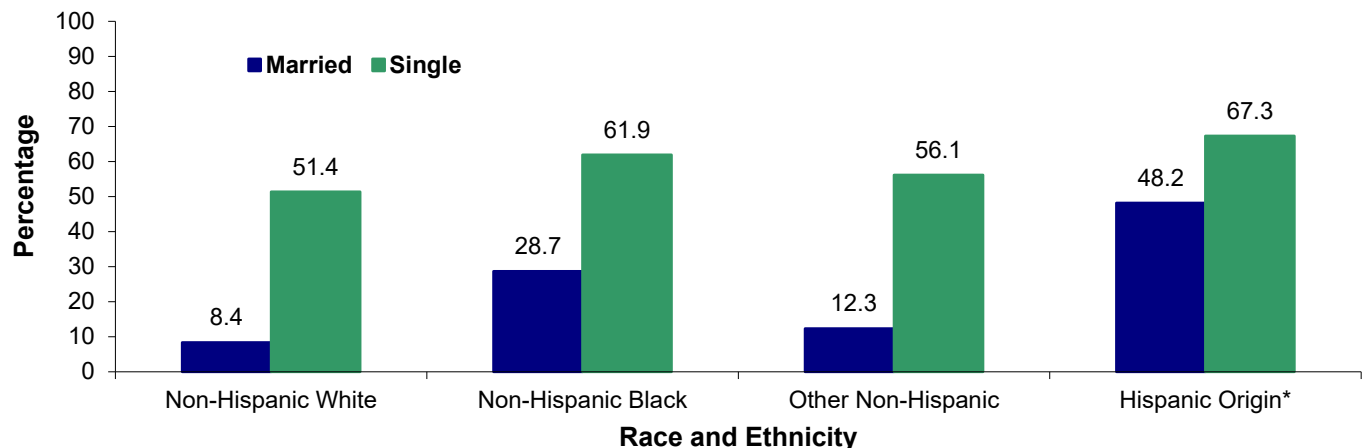


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

As in previous years, the primary source of payment for delivery in 2021 varies tremendously based on marital status:

- The number of single non-Hispanic white women who used Medicaid as their primary source of payment (51.4 percent) was more than six times that of non-Hispanic white married women (8.4 percent).
- The number of single non-Hispanic black women who used Medicaid as their primary source of payment (61.9 percent) was more than two times that of non-Hispanic black married women (28.7 percent).
- The percentage of single women of other non-Hispanic races who used Medicaid as their primary source of payment (56.1 percent) was nearly five times higher than among married women of other non-Hispanic races (12.3 percent).
- The number of single Hispanic women who used Medicaid as their primary source of payment (67.3 percent) was 1.4 times higher than Hispanic married women (48.2 percent).

Figure 12. Percentage of Births by Race, Hispanic Origin, Marital Status, and Medicaid as Primary Source of Payment, Delaware, 2021



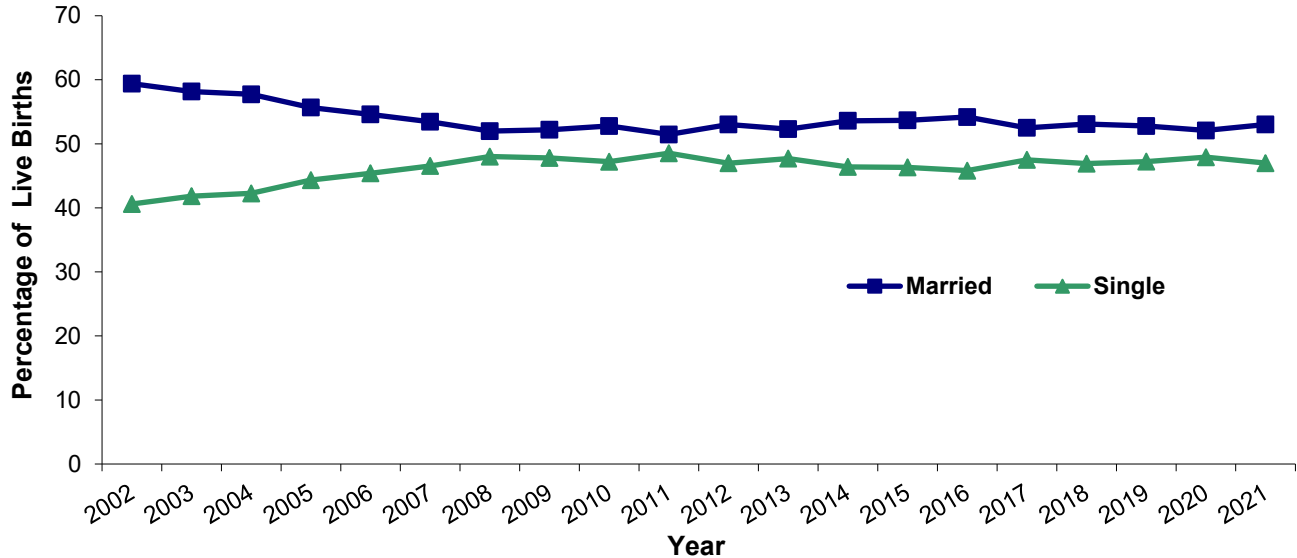
*Note: Hispanic and be of any race.

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

LIVE BIRTHS

After increasing steadily from 2002 to 2008, the percentage of births to unmarried women decreased by two percent from 2008 to 2021. Births to married women decreased steadily from 1994 to 2008 but increased by two percent from 2008 to 2021. In 2021, 47 percent of all births were to unmarried women.

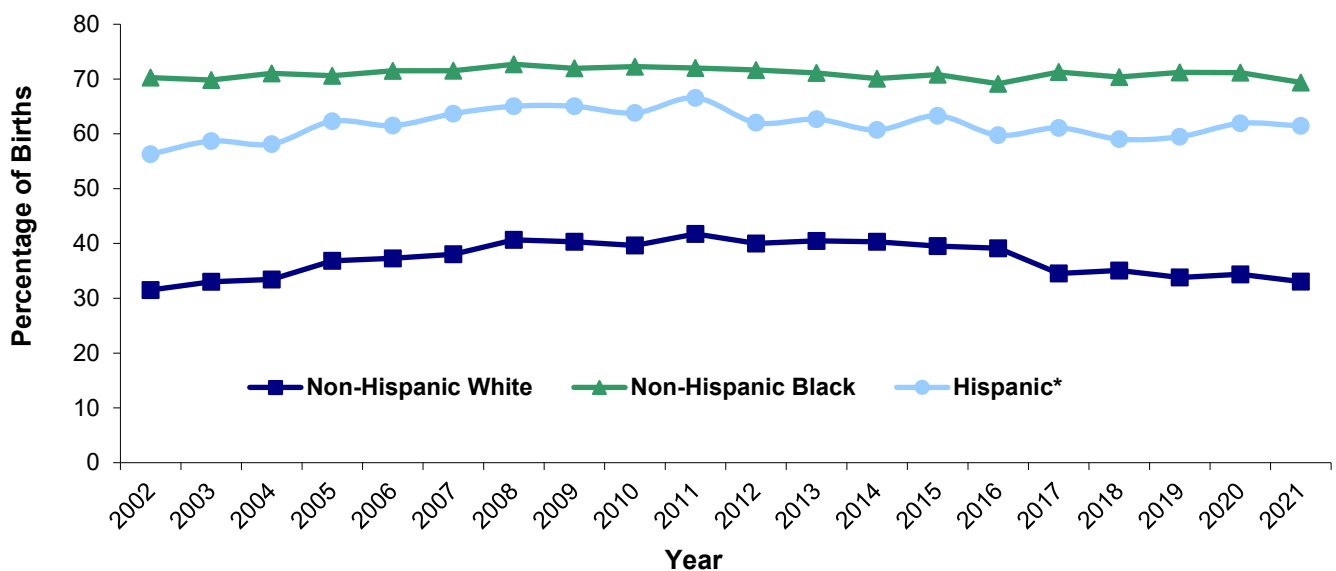
Figure 13. Annual Percentage of Births by Mother's Marital Status, Delaware, 2002-2021



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

In 2021, 33 percent of births were to single non-Hispanic white women, a slight increase from 32 percent in 2002. The percentage of births to single Hispanic women increased from 56 percent in 2002 to 61 percent in 2021. Unmarried non-Hispanic black women had the highest percentage of births from 2002 to 2021, remaining stable at approximately 69 percent during this time period.

Figure 14. Percent of Live Births to Unmarried Women by Race and Ethnicity, Delaware, 2002-2021



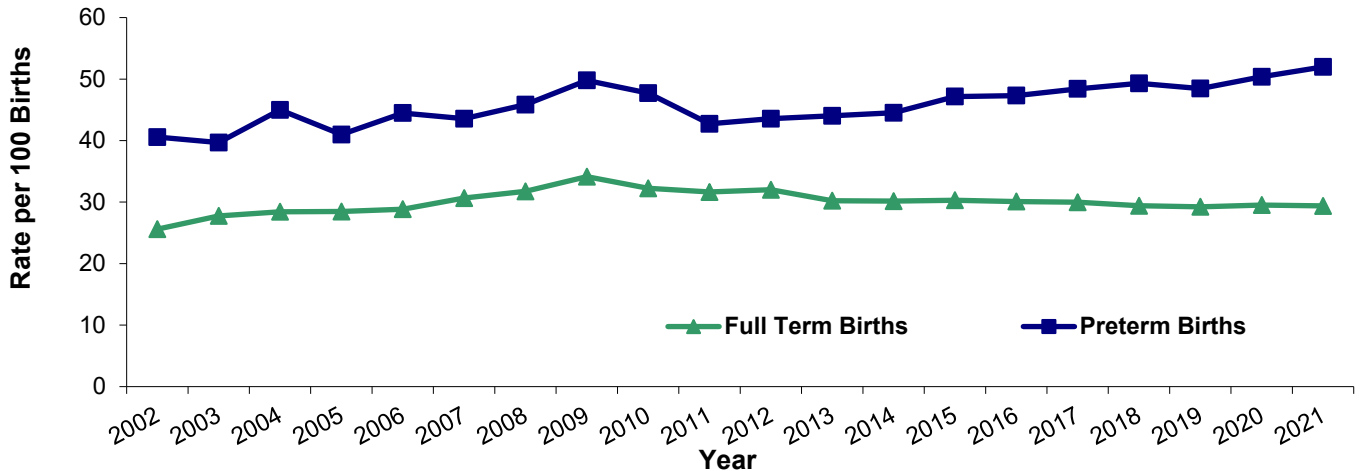
* Note: Hispanic may be of any race.

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

LIVE BIRTHS

From 2002 to 2021, the percentage of cesarean deliveries increased 16 percent, to 31.8 per 100 live births, whereas vaginal births decreased only 6 percent from 72.7 to 68.1 per 100 live births. Since 2002, 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 52.0 per 100 preterm births, versus 29.4 per 100 term births in 2021.

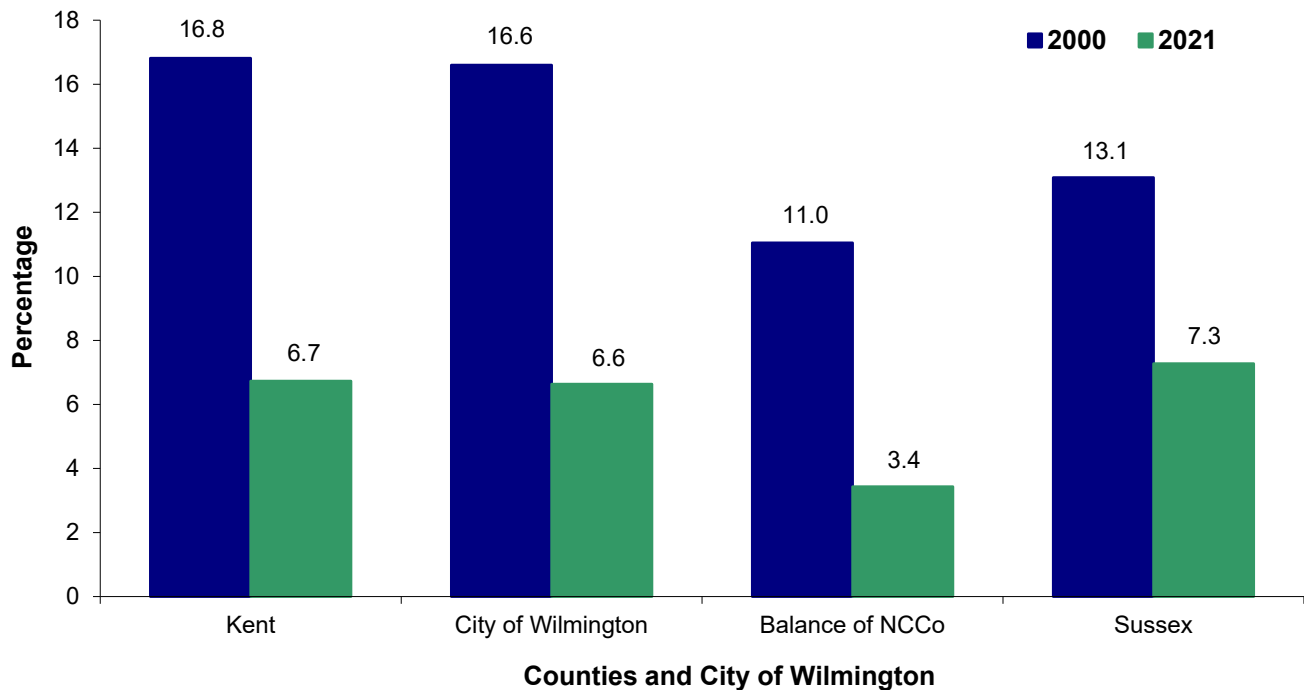
Figure 15. Annual Rate of Cesarean Deliveries by Gestational Category, Delaware, 2002-2021



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

From 2000 to 2021, the percentage of Delaware mothers who used tobacco while pregnant decreased in all three counties and the city of Wilmington. In 2021, Sussex County had the highest percentage of mothers who smoked while pregnant at 7.3 followed by Kent County at 6.7. The Balance of New Castle County had the lowest percentage at 3.4.

Figure 16. Percentage of Mothers who Smoked while Pregnant, Delaware Counties and City of Wilmington, 2000 and 2021

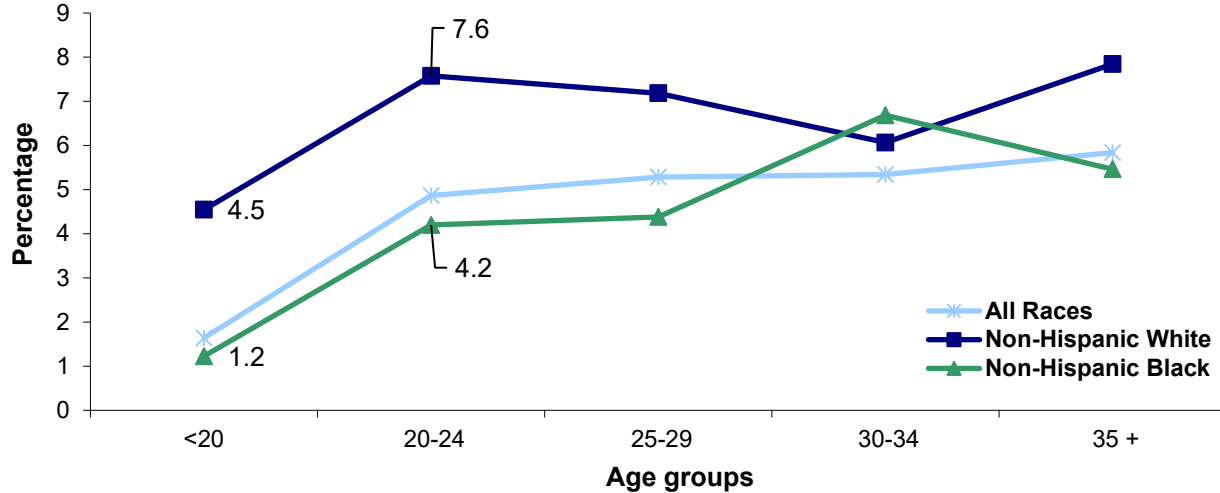


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

LIVE BIRTHS

In 2021, the percentage of non-Hispanic white women less than 20 years old who smoked while pregnant was approximately 4 times that of non-Hispanic black women. During this same time period 4.2 percent of non-Hispanic black women ages 20-24 years old smoked while pregnant compared to 7.6 percent of non-Hispanic white women.

Figure 17. Percentage of Mothers who Smoked While Pregnant by Age Group and Race, Delaware, 2021

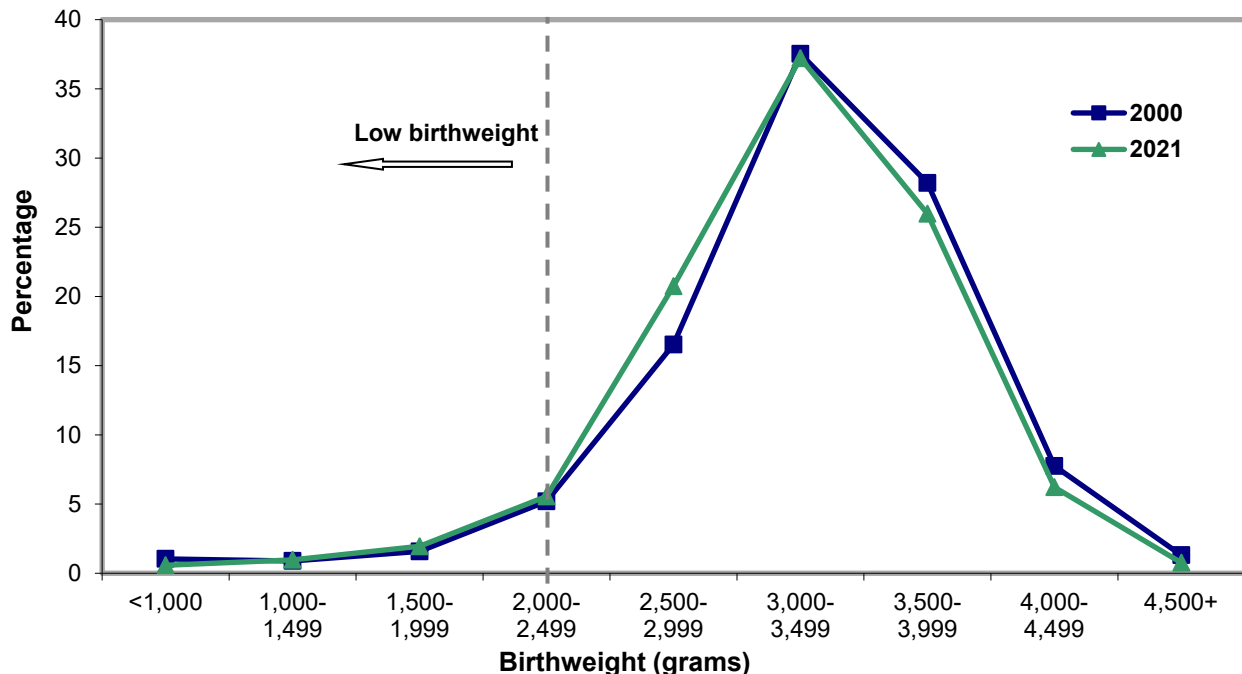


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2021, 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 2021. The greatest percentage of births fell within the 3,000 to 3,499 gram range.

Figure 18. Distribution of Births by Birthweight, Delaware, 2000 and 2021

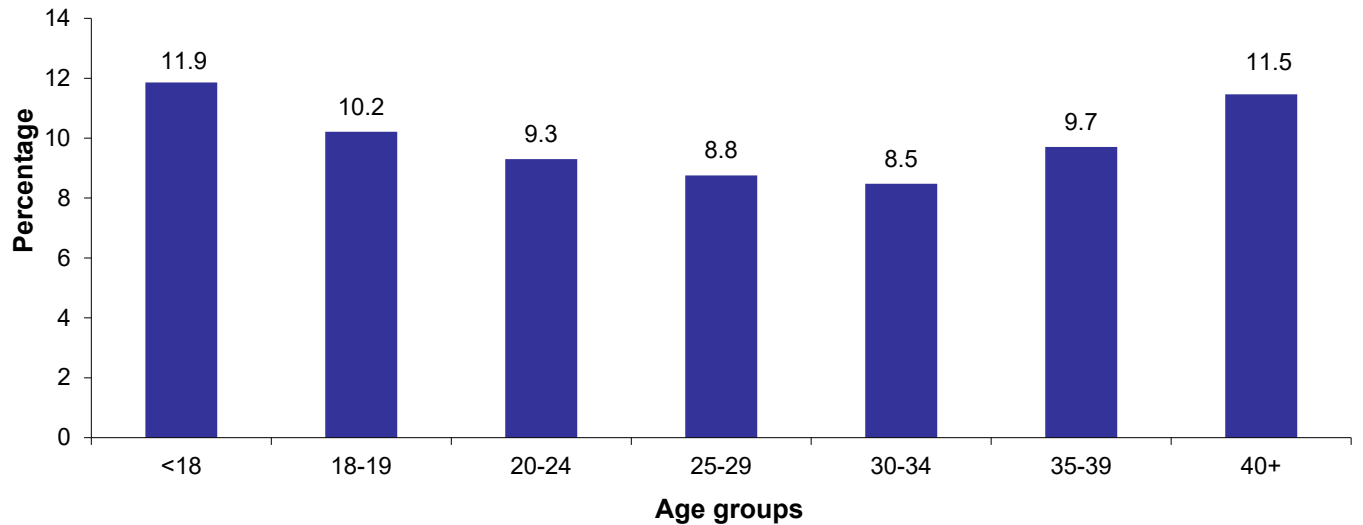


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

LIVE BIRTHS

In 2017-2021 the five-year percentage of low birthweight (LBW) births and very low birthweight (VLBW) births remained relatively stable at 9.1 and 1.6, respectively. The percentage of LBW births was greatest for mothers in the 18 and under age group (11.9 percent) and lowest for those in the 30-34 age group (8.5 percent).

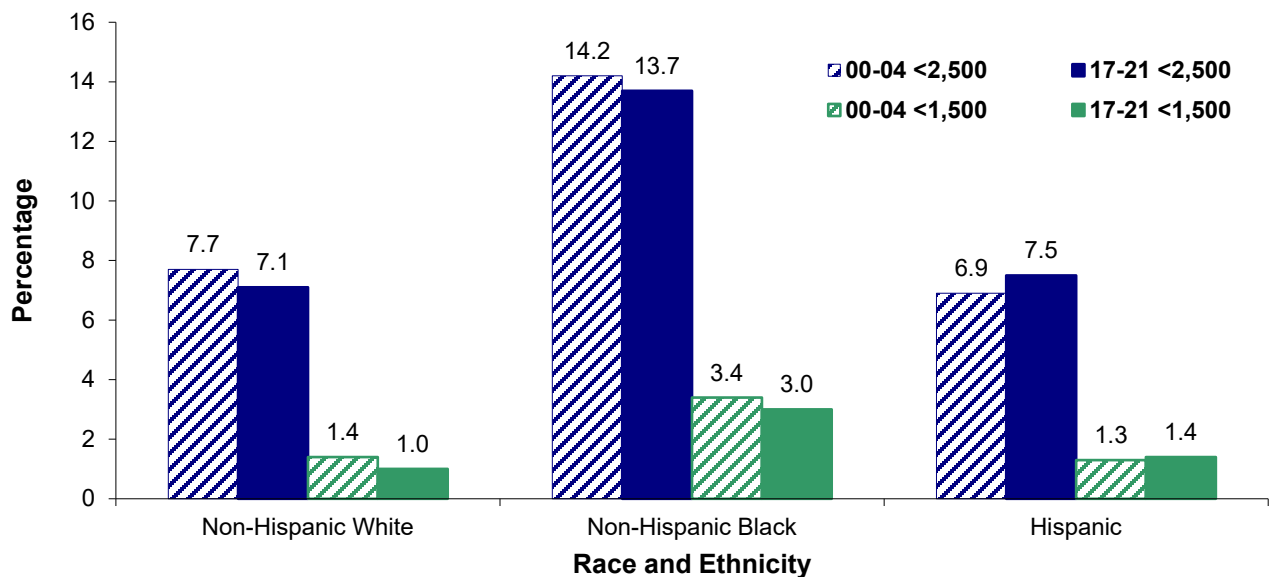
Figure 19. Five-year Percentage of Low Birthweight Births (<2,500 grams) by Mother's Age, Delaware, 2017-2021



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

Between 2000-2004 and 2017-2021, 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 9 percent and 8 percent respectively. In 2017-2021 among mothers of all ages, non-Hispanic black mothers had the highest percentage of LBW and VLBW births at 13.7 percent and 3.0 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 2017-2021



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

TABLE C-1. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, and CITY OF WILMINGTON, U.S. AND DELAWARE, 2011-2021

ALL RACES

Area/ Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	3,953,590	3,952,841	3,932,181	3,988,076	3,978,497	3,945,875	3,855,500	3,791,712	3,747,540	3,613,647	3,659,289
<20	333,746	309,060	276,203	251,847	232,215	212,062	196,294	181,607	173,461	159,808	148,632
20-24	925,200	916,811	896,745	882,567	850,509	803,978	764,780	726,175	704,342	665,595	647,505
25-29	1,127,583	1,123,900	1,120,777	1,145,392	1,152,311	1,149,122	1,123,577	1,099,491	1,078,097	1,024,402	1,022,541
30+	1,567,061	1,603,070	1,638,456	1,708,270	1,743,462	1,780,713	1,770,849	1,784,439	1,791,640	1,763,842	1,840,611
Delaware	11,227	10,982	10,802	10,934	11,145	10,967	10,835	10,593	10,328	10,352	10,389
<20	909	768	730	621	553	594	556	502	445	439	427
20-24	2,642	2,534	2,431	2,298	2,279	2,099	2,014	1,960	1,810	1,808	1,829
25-29	3,297	3,151	3,139	3,297	3,319	3,303	3,333	3,110	3,129	2,983	2,877
30+	4,379	4,529	4,502	4,718	4,994	4,971	4,932	5,021	4,944	5,122	5,256
Kent	2,166	2,206	2,180	2,266	2,259	2,247	2,172	2,149	2,044	2,145	2,066
<20	183	162	134	129	100	153	126	96	75	91	87
20-24	601	597	599	608	576	518	489	492	433	498	444
25-29	685	664	665	726	736	760	713	680	671	638	623
30+	697	783	782	803	847	816	844	881	865	918	912
New Castle	6,880	6,479	6,444	6,450	6,584	6,430	6,391	6,165	6,016	6,065	6,027
<20	527	410	395	323	296	298	276	268	218	201	187
20-24	1,417	1,294	1,286	1,157	1,171	1,050	1,039	1,003	915	904	899
25-29	1,956	1,822	1,812	1,887	1,868	1,851	1,878	1,738	1,763	1,733	1,585
30+	2,980	2,953	2,951	3,083	3,249	3,231	3,198	3,156	3,120	3,227	3,356
Wilmington	1,111	1,005	1,057	1,000	973	983	968	899	826	802	814
<20	159	122	132	89	79	85	89	79	72	49	53
20-24	275	264	270	245	242	229	221	217	191	183	171
25-29	301	258	278	267	260	279	267	251	239	242	206
30+	376	361	377	399	392	390	391	352	324	328	384
Balance of NC County	5,769	5,474	5,387	5,450	5,611	5,447	5,423	5,266	5,190	5,263	5,213
<20	368	288	263	234	217	213	187	189	146	152	134
20-24	1,142	1,030	1,016	912	929	821	818	786	724	721	728
25-29	1,655	1,564	1,534	1,620	1,608	1,572	1,611	1,487	1,524	1,491	1,379
30+	2,604	2,592	2,574	2,684	2,857	2,841	2,807	2,804	2,796	2,899	2,972
Sussex	2,181	2,297	2,178	2,218	2,302	2,290	2,272	2,279	2,268	2,142	2,296
<20	199	196	201	169	157	143	154	138	152	147	153
20-24	624	643	546	533	532	531	486	465	462	406	486
25-29	656	665	662	684	715	692	742	692	695	612	669
30+	702	793	769	832	898	924	890	984	959	977	988

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, and CITY OF WILMINGTON, U.S. AND DELAWARE, 2011-2021

NON-HISPANIC WHITE

Area/ Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	2,146,566	2,134,044	2,129,196	2,149,302	2,130,279	2,094,054	2,030,493	1,994,985	1,915,912	1,843,432	1,887,656
<20	130,198	120,623	108,603	99,899	91,415	81,774	75,209	68,114	60,854	54,805	50,652
20-24	451,939	444,300	431,540	420,224	399,373	374,508	352,786	336,250	313,275	293,861	286,140
25-29	647,520	641,377	637,710	646,097	642,150	627,597	605,236	587,743	556,533	526,693	532,001
30+	916,909	927,744	951,343	983,082	997,341	1,010,175	997,262	1,002,878	985,250	968,073	1,018,863
Delaware	6,170	6,057	5,876	5,812	5,871	5,786	5,309	5,197	4,857	4,882	4,966
<20	356	318	261	239	189	201	171	160	80	112	110
20-24	1,220	1,196	1,130	1,048	989	899	824	762	653	666	660
25-29	1,869	1,767	1,728	1,818	1,786	1,816	1,626	1,557	1,494	1,431	1,392
30+	2,725	2,776	2,757	2,707	2,907	2,870	2,688	2,718	2,630	2,673	2,804
Kent	1,354	1,362	1,304	1,365	1,329	1,298	1,178	1,205	1,059	1,179	1,097
<20	92	73	54	71	43	60	47	42	19	37	36
20-24	325	327	328	327	295	279	248	243	198	248	202
25-29	467	431	424	466	447	476	393	404	365	376	347
30+	470	531	498	501	544	483	490	516	477	518	512
New Castle	3,569	3,330	3,306	3,169	3,202	3,170	2,847	2,710	2,555	2,543	2,608
<20	162	131	107	87	81	91	71	67	32	32	29
20-24	576	508	511	444	419	352	337	294	240	239	230
25-29	1,027	930	907	928	900	906	785	743	714	686	670
30+	1,804	1,761	1,781	1,710	1,802	1,821	1,654	1,606	1,569	1,586	1,679
Wilmington	300	263	272	252	251	260	223	176	162	157	175
<20	13	13	18	9	7	5	8	4	2	1	4
20-24	41	30	25	18	32	22	18	17	19	14	16
25-29	79	65	57	63	59	68	38	45	42	33	35
30+	167	155	172	162	153	165	159	110	99	109	120
Balance of NC County	3,269	3,067	3,034	2,917	2,951	2,910	2,624	2,534	2,393	2,386	2,433
<20	149	118	89	78	74	86	63	63	30	31	25
20-24	535	478	486	426	387	330	319	277	221	225	214
25-29	948	865	850	865	841	838	747	698	672	653	635
30+	1,637	1,606	1,609	1,548	1,649	1,656	1,495	1,496	1,470	1,477	1,559
Sussex	1,247	1,365	1,266	1,278	1,340	1,318	1,284	1,282	1,243	1,160	1,261
<20	102	114	100	81	65	50	53	51	29	43	45
20-24	319	361	291	277	275	268	239	225	215	179	228
25-29	375	406	397	424	439	434	448	410	415	369	375
30+	451	484	478	496	561	566	544	596	584	569	613

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, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2011-2021
NON-HISPANIC BLACK

Area/ Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	582,345	583,489	583,834	588,891	589,047	583,786	587,357	579,174	548,075	529,811	517,889
<20	79,936	72,549	63,109	55,774	50,884	46,686	43,854	41,192	37,248	34,659	31,737
20-24	186,229	187,488	185,662	182,435	175,597	163,118	157,192	147,083	132,605	124,882	117,698
25-29	147,708	149,649	153,903	160,935	165,895	170,684	175,210	174,466	165,655	156,654	148,309
30+	168,472	173,803	181,160	189,747	196,671	203,298	211,101	216,433	212,567	213,616	220,145
Delaware	3,018	2,881	2,950	2,801	2,968	2,895	2,932	2,879	2,856	2,890	2,870
<20	376	301	305	233	214	234	212	200	219	176	163
20-24	974	905	891	760	820	757	690	704	661	657	667
25-29	776	741	806	807	855	825	963	840	854	853	776
30+	892	934	948	1,001	1,079	1,079	1,067	1,135	1,122	1,204	1,264
Kent	587	590	608	613	632	658	675	618	638	654	647
<20	72	72	52	39	41	66	50	40	43	43	35
20-24	206	195	196	196	199	171	166	165	149	169	170
25-29	149	161	168	177	193	192	217	181	195	182	176
30+	160	162	192	201	199	229	242	232	251	260	266
New Castle	2,015	1,894	1,926	1,794	1,957	1,825	1,849	1,861	1,838	1,873	1,844
<20	244	186	193	147	140	129	121	123	123	98	97
20-24	603	563	547	428	497	450	409	439	406	405	395
25-29	520	484	531	523	554	519	611	533	559	574	484
30+	648	661	655	696	766	727	708	766	750	796	868
Wilmington	634	595	601	544	564	558	560	557	514	482	438
<20	112	88	84	62	59	59	61	60	57	34	33
20-24	193	192	200	167	171	166	153	149	125	135	109
25-29	171	151	166	161	151	168	180	167	152	157	128
30+	158	164	151	154	183	165	166	181	180	156	168
Balance of NC County	1,381	1,299	1,325	1,250	1,393	1,267	1,289	1,304	1,324	1,391	1,406
<20	132	98	109	85	81	70	60	63	66	64	64
20-24	410	371	347	261	326	284	256	290	281	270	286
25-29	349	333	365	362	403	351	431	366	407	417	356
30+	490	497	504	542	583	562	542	585	570	640	700
Sussex	416	397	416	394	379	412	408	400	380	363	379
<20	60	43	60	47	33	39	41	37	53	35	31
20-24	165	147	148	136	124	136	115	100	106	83	102
25-29	107	96	107	107	108	114	135	126	100	97	116
30+	84	111	101	104	114	123	117	137	121	148	130

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, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2011-2021

HISPANIC ORIGIN

Area/ Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.	918,129	907,677	901,033	914,065	924,048	918,447	898,764	886,210	866,467	866,713	885,916
<20	111,236	104,118	94,174	87,007	81,350	75,708	70,128	65,852	63,396	59,484	56,033
20-24	243,724	241,138	237,705	239,121	236,264	228,216	219,206	209,701	207,552	199,151	199,773
25-29	248,269	244,474	244,243	248,971	256,106	258,025	255,130	253,977	256,385	250,518	256,844
30+	314,900	317,947	324,911	338,966	350,328	356,498	354,300	356,680	359,134	357,560	373,266
Delaware	1,427	1,396	1,342	1,573	1,542	1,543	1,773	1,750	1,752	1,801	1,847
<20	166	135	148	134	135	151	148	130	132	141	147
20-24	394	375	334	422	393	371	435	435	406	423	450
25-29	431	428	401	432	448	441	497	507	533	504	542
30+	436	458	459	585	566	580	693	678	681	733	708
Kent	162	178	184	204	215	197	220	237	220	227	229
<20	16	15	22	16	12	23	20	11	10	9	15
20-24	55	59	58	71	69	52	60	68	58	63	57
25-29	52	50	52	62	70	69	74	70	75	64	76
30+	39	54	52	55	64	53	66	88	77	91	81
New Castle	789	726	707	881	796	827	1,030	971	976	1,021	1,027
<20	116	84	86	79	68	74	70	73	58	65	57
20-24	206	187	178	245	203	197	253	232	218	227	244
25-29	221	227	205	236	224	239	274	297	298	310	303
30+	246	228	238	321	301	317	433	369	402	419	423
Wilmington	161	118	154	178	136	142	154	145	131	139	165
<20	34	18	25	17	12	20	17	15	13	11	16
20-24	40	39	42	54	35	38	47	46	41	31	41
25-29	48	32	49	37	44	37	43	37	40	47	38
30+	39	29	38	70	45	47	47	47	37	50	70
Balance of NC County	628	608	553	703	660	685	876	826	845	882	862
<20	82	66	61	62	56	54	53	58	45	54	41
20-24	166	148	136	191	168	159	206	186	177	196	203
25-29	173	195	156	199	180	202	231	260	258	263	265
30+	207	199	200	251	256	270	386	322	365	369	353
Sussex	476	492	451	488	531	519	523	542	556	553	591
<20	34	36	40	39	55	54	58	46	64	67	75
20-24	133	129	98	106	121	122	122	135	130	133	149
25-29	158	151	144	134	154	133	149	140	160	130	163
30+	151	176	169	209	201	210	194	221	202	223	204

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, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

Age/Area/ Race	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Teens 15-19														
U.S.	40.6	40.1	39.0	37.1	34.7	31.9	29.2	26.7	24.5	22.4	20.6	19.1	17.7	16.4
Non-Hispanic White	20.9	20.5	21.0	21.1	20.9	20.6	20.2	18.7	17.2	15.8	14.4	13.2	12	11
Non-Hispanic Black	57.3	56.1	55.2	53.1	50.3	46.8	43.2	39.2	35.6	32.3	29.4	27.3	25.4	24
Delaware	40.2	38.9	36.8	34.5	31.7	28.9	26.5	24.2	22.3	21.0	19.3	18.0	17.2	16.1
Non-Hispanic White	24.3	23.5	22.9	22.0	21.0	19.5	18.5	16.7	15.3	13.7	12.6	10.6	9.7	8.6
Non-Hispanic Black	65.3	62.7	59.4	55.5	50.2	46.0	40.8	36.8	33.7	31.7	29.0	28.9	28.2	26.7
Kent	42.6	40.6	37.7	35.4	32.8	30.0	27.8	24.7	23.7	22.2	20.5	18.4	18.0	15.6
Non-Hispanic White	35.2	34.0	32.2	31.6	28.9	25.5	24.8	21.7	19.3	17.4	16.4	13.0	12.5	11.0
Non-Hispanic Black	53.3	49.4	46.9	42.5	41.3	39.2	36.1	32.9	34.2	32.1	30.5	31.3	32.0	27.7
New Castle	34.1	33.2	31.8	30.1	27.8	25.5	23.3	21.3	19.2	18.0	16.6	15.4	14.4	13.2
Non-Hispanic White	17.3	16.7	16.3	15.8	14.9	14.0	12.9	11.8	10.9	9.9	9.2	8.1	7.1	5.7
Non-Hispanic Black	63.7	61.5	59.3	56.1	50.6	45.5	40.2	35.9	31.3	29.0	26.2	25.5	24.1	23.3
Wilmington							57.9	52.3	46.0	43.3	38.2	36.6	33.8	30.8
Non-Hispanic White							46.1	43.4	37.9	33.3	22.6	17.3	12.9	12.5
Non-Hispanic Black							57.9	52.5	46.4	43.3	40.2	40.1	37.2	34.3
Sussex	60.7	58.6	54.7	49.9	44.5	39.7	36.1	32.9	30.5	28.8	26.5	25.6	24.9	25.0
Non-Hispanic White	38.2	36.9	36.3	33.9	33.2	31.0	29.1	26.0	23.1	19.9	17.4	14.5	13.3	13.1
Non-Hispanic Black	93.9	93.0	83.7	78.2	65.6	61.0	52.6	48.6	45.2	45.1	40.8	42.9	43.6	42.1
Teens 15-17														
U.S.	21.5	21.0	20.3	19.1	17.6	15.8	14.0	12.5	11.2	9.9	8.9	8.1	7.4	6.7
Delaware	22.8	21.2	19.9	18.2	16.1	14.3	12.7	11.2	10.0	9.5	8.5	7.9	7.4	6.7
Kent	21.7	20.6	19.3	17.8	16.5	14.6	12.8	10.6	9.8	9.6	8.6	8.0	7.3	6.0
New Castle	21.3	20.0	18.7	17.1	15.0	13.3	12.0	10.6	9.1	8.3	7.4	6.7	6.2	5.6
Sussex	28.7	25.9	24.2	22.3	19.3	16.8	15.1	13.8	12.8	13.0	12.1	11.3	11.2	10.5
Teens 18-19														
U.S.	69.6	68.6	66.6	63.2	59.3	55.1	51.0	47.4	44.1	40.9	37.9	35.4	33	30.6
Delaware	62.1	61.2	58.3	55.0	51.7	48.2	45.1	42.3	40.2	38.1	35.6	33.3	31.8	30.1
Kent	68.3	65.0	59.9	56.5	52.8	49.4	47.8	44.6	44.6	41.8	38.9	34.4	34.2	30.1
New Castle	49.1	48.7	47.3	45.4	43.3	40.8	38.0	36.0	33.7	32.4	30.4	28.4	26.4	24.4
Sussex	116.2	115.3	107.8	98.0	87.6	77.0	68.9	62.0	56.5	52.0	48.2	47.2	45.6	47.0

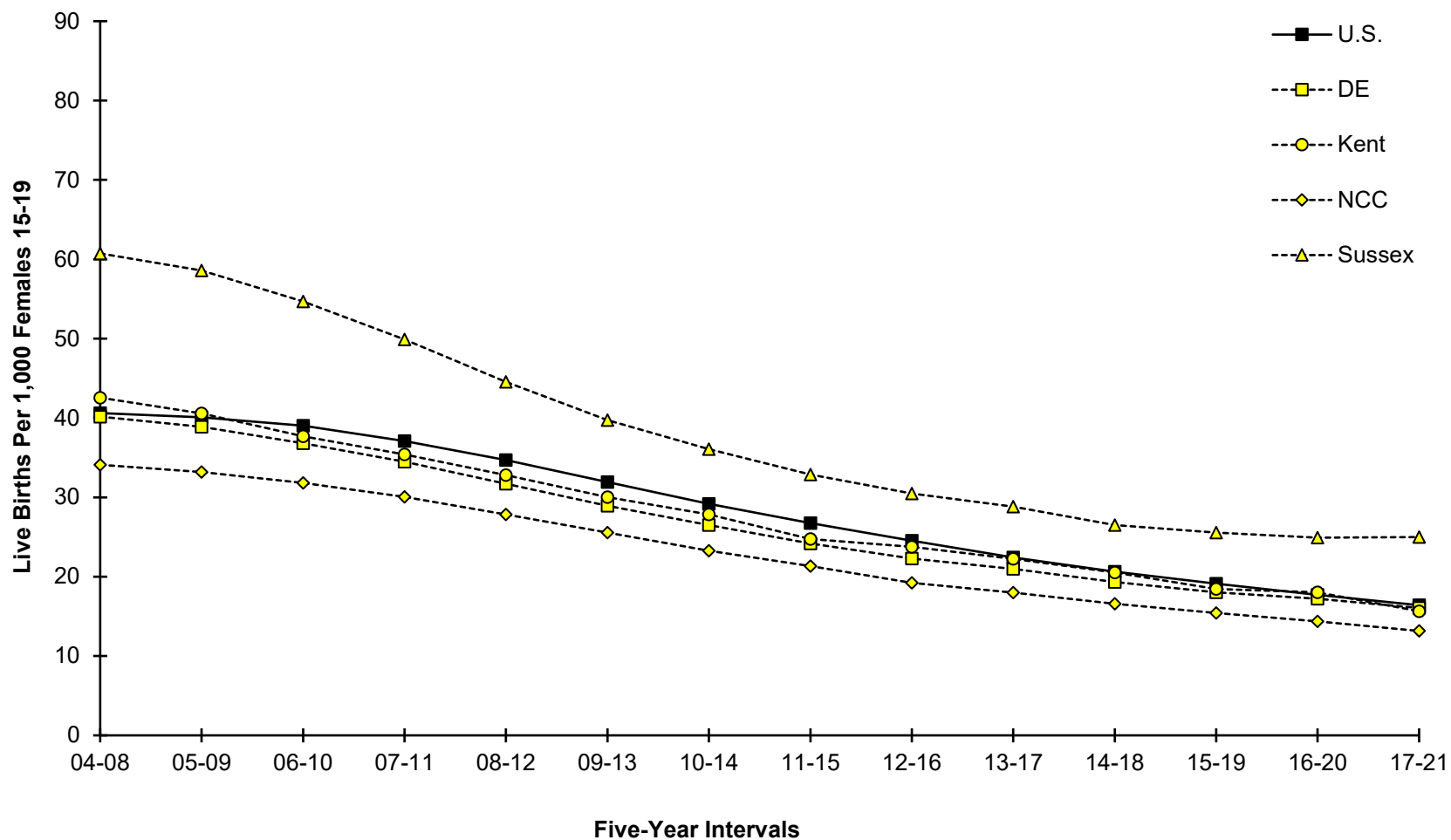
Notes:

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, 2004-2021

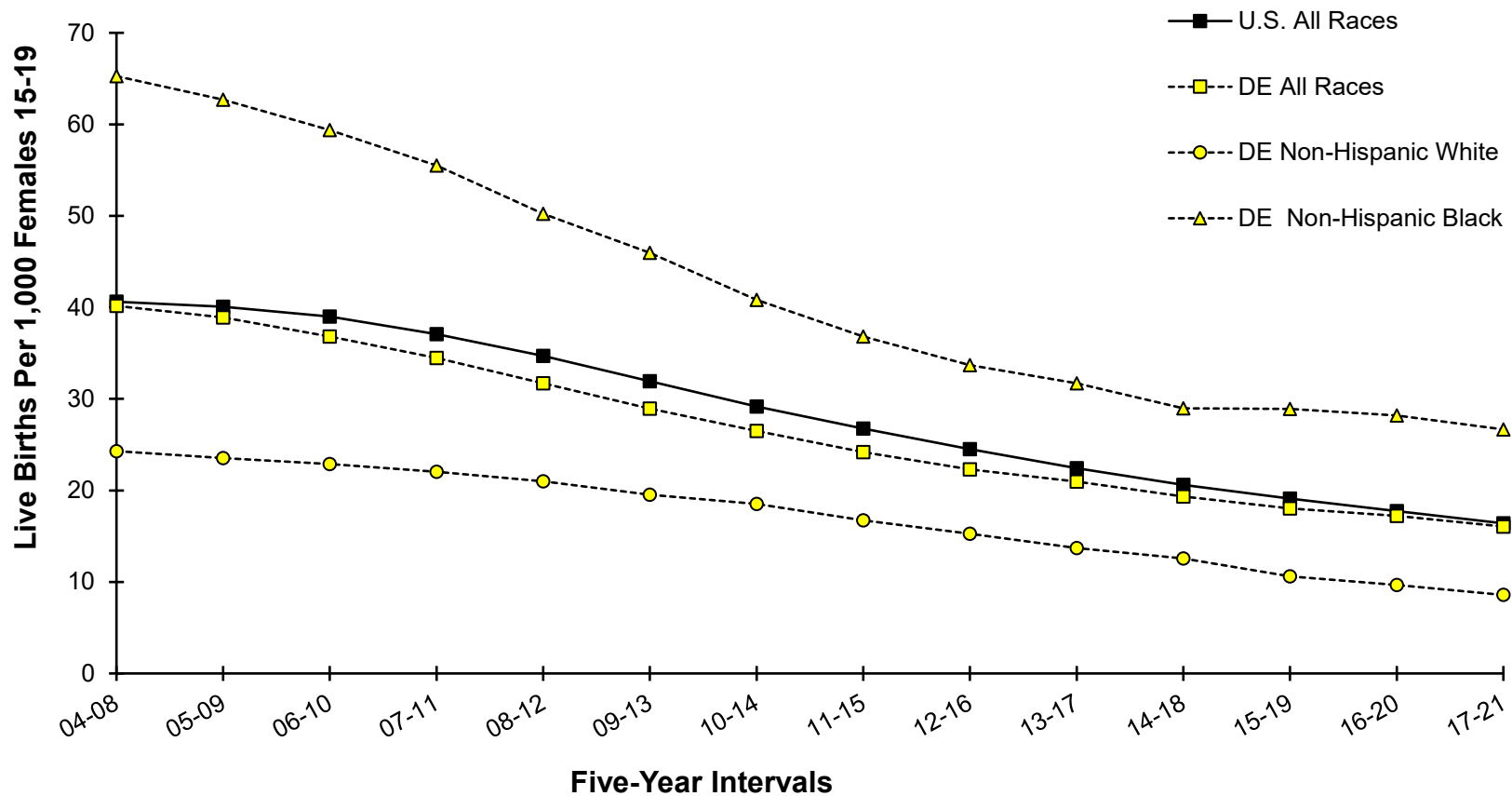


Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-2. Five-year Average Percentage of Live Births to Teen (15-19 yrs. old) Mothers by Census County Division, Delaware, 2017-2021

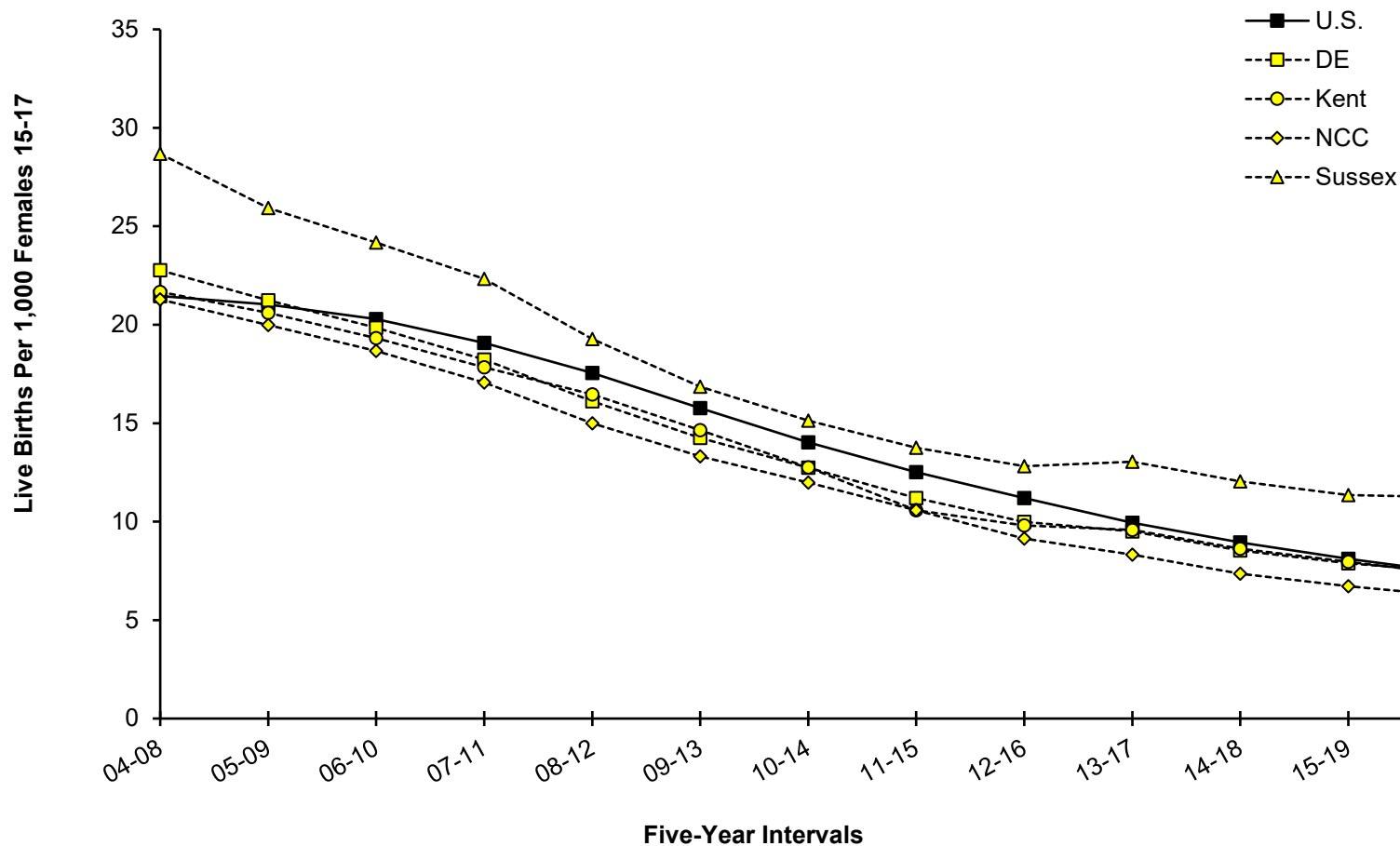
Map coming soon.

Figure C-3. Five-Year Average Teenage (15-19) Live Birth Rates by Race, U.S. and Delaware, 2004-2021



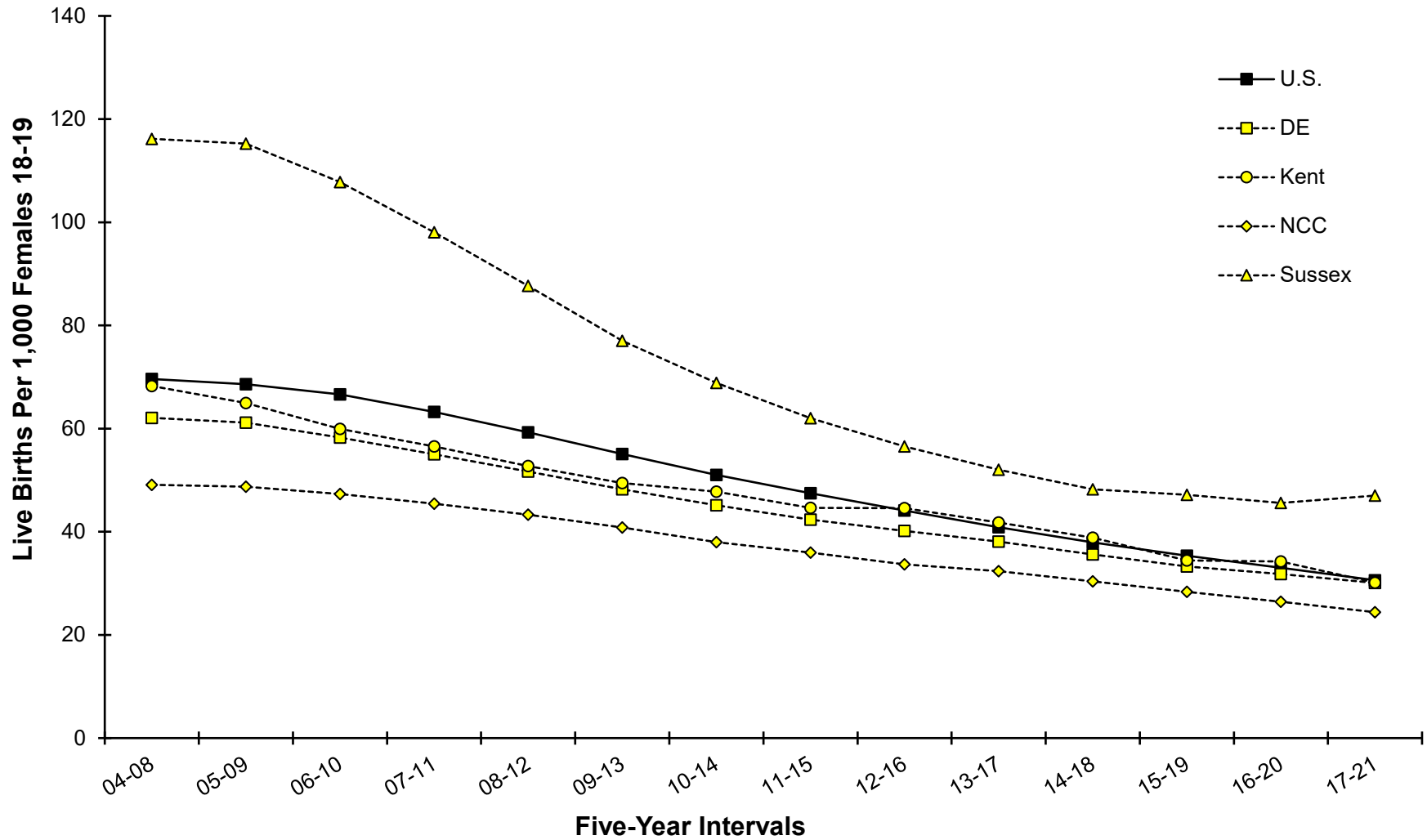
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-4 Five-Year Average Teenage (15-17) Live Birth Rates by County, U.S., and Delaware, 2004-2021



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, 2004-2021



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, 2004-2021

ALL RACES

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.														
General	67.8	67.8	67.3	66.2	64.9	63.7	63.1	62.8	62.6	62.1	61.4	60.5	59.1	58.0
10-14	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
15-19	40.6	40.1	39.0	37.1	34.7	31.9	29.2	26.7	24.5	22.4	20.6	19.1	17.7	16.4
20-24	103.2	102.1	99.6	95.5	91.0	86.8	83.4	80.9	78.7	76.4	73.9	71.4	68.6	66.2
25-29	116.8	115.8	114.1	111.9	109.6	107.6	106.5	105.8	104.8	103.1	101.0	98.6	95.8	94.2
30-34	98.3	98.6	98.5	97.9	97.3	97.0	97.7	98.8	100.0	100.7	101.0	100.5	99.1	98.2
35-39	46.8	46.9	46.8	46.7	46.9	47.3	48.4	49.5	50.7	51.5	52.1	52.5	52.4	52.6
40-44	9.4	9.6	9.8	10.0	10.1	10.3	10.4	10.5	10.8	11.0	11.3	11.6	11.7	11.8
45-49**	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9
Delaware														
General	66.0	65.8	65.3	64.6	63.4	62.0	61.6	61.3	60.9	60.6	60.2	59.2	58.0	57.0
10-14	0.7	0.7	0.7	0.6	0.6	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0
15-19	40.2	38.9	36.8	34.5	31.7	28.9	26.5	24.2	22.3	21.0	19.3	18.0	17.2	16.1
20-24	100.9	98.9	95.9	91.5	86.2	80.6	75.9	72.6	69.7	67.7	66.9	65.9	64.4	63.4
25-29	115.0	115.8	116.1	115.7	113.6	110.8	110.0	108.2	105.4	103.3	99.3	95.3	91.9	89.7
30-34	94.9	94.9	95.6	96.3	97.1	98.4	100.1	101.4	103.0	103.5	104.6	103.9	102.1	99.5
35-39	44.8	45.0	45.4	45.9	46.4	46.1	47.0	48.6	49.2	49.4	50.1	50.3	50.1	50.8
40-44	8.4	8.3	8.5	8.7	8.7	8.9	9.2	9.4	9.6	9.8	10.1	10.2	10.7	11.1
45-49**	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.7	0.8	0.9	1.0	0.9
Kent														
General	68.3	68.6	68.0	67.0	66.3	65.2	64.7	64.3	64.2	63.4	62.8	61.1	60.0	58.4
10-14	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1
15-19	42.6	40.6	37.7	35.4	32.8	30.0	27.8	24.7	23.7	22.2	20.5	18.4	18.0	15.6
20-24	123.2	121.0	116.1	110.0	103.5	97.8	91.9	89.0	87.0	86.0	86.1	83.5	82.8	80.8
25-29	123.9	126.8	127.9	128.1	125.3	123.2	122.1	119.4	117.1	113.4	109.1	104.0	100.0	96.9
30-34	82.5	84.0	85.2	86.5	89.6	91.4	94.0	95.1	95.3	95.1	95.9	94.8	93.5	91.8
35-39	35.8	35.9	36.3	35.2	37.4	36.5	38.2	40.6	41.9	41.8	42.2	42.6	42.4	43.5
40-44	7.3	7.3	7.4	7.0	7.3	7.6	7.7	7.6	8.3	8.6	8.7	9.3	9.9	9.5
45-49**	0.3	0.3	0.4	0.6	0.6	0.7	0.6	0.5	0.5	0.7	0.6	0.9	1.0	1.0
New Castle														
General	62.6	62.2	61.7	61.2	59.9	58.7	58.3	58.1	57.5	57.4	57.0	56.2	55.3	54.4
10-14	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.4	0.3	0.3	0.2	0.2	0.1
15-19	34.1	33.2	31.8	30.1	27.8	25.5	23.3	21.3	19.2	18.0	16.6	15.4	14.4	13.2
20-24	80.0	78.4	76.3	73.0	68.7	64.5	60.8	58.0	55.3	54.4	54.3	54.4	53.6	53.2
25-29	108.0	108.3	108.0	107.7	105.9	103.0	102.2	100.0	96.0	93.2	88.2	83.8	81.3	79.7
30-34	100.6	100.3	100.9	101.8	101.5	102.3	103.6	105.0	106.3	107.4	108.3	107.8	105.2	101.6
35-39	49.7	49.6	49.8	50.6	50.5	50.6	51.2	52.0	52.3	52.3	52.8	52.7	52.8	53.7
40-44	9.2	9.1	9.3	9.7	9.3	9.5	9.9	10.2	10.2	10.5	10.8	10.7	11.0	11.6
45-49**	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.8	0.9	0.8	1.0	0.9	0.9
Sussex														
General	76.5	76.2	75.8	74.2	72.7	70.6	69.7	69.3	69.3	68.3	67.9	67.2	65.1	64.0
10-14	0.9	0.9	0.9	0.8	0.6	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.4	0.3
15-19	60.7	58.6	54.7	49.9	44.5	39.7	36.1	32.9	30.5	28.8	26.5	25.6	24.9	25.0
20-24	165.7	160.0	153.7	145.8	137.5	127.5	120.2	113.1	107.2	97.5	90.8	85.5	79.7	77.1
25-29	131.8	131.5	132.7	130.8	128.3	124.6	123.9	124.7	125.5	128.8	130.2	130.0	123.7	119.8
30-34	86.0	86.1	87.1	86.8	88.8	92.0	94.4	95.6	99.5	99.0	101.1	100.7	100.7	100.4
35-39	36.6	38.1	39.4	40.4	41.7	41.0	42.1	45.1	46.4	47.6	49.1	50.1	48.9	48.8
40-44	6.5	6.6	6.6	7.0	7.8	8.2	8.7	8.8	8.8	8.6	9.2	9.5	10.5	10.9
45-49**	0.3	0.5	0.4	0.5	0.6	0.6	0.3	0.4	0.6	0.5	0.7	0.9	1.1	0.9

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, 2004-2021

NON-HISPANIC WHITE

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.														
General	47.6	47.3	49.2	51.0	52.9	55.3	58.3	58.4	58.4	58.1	57.6	56.4	55.0	54.2
10-14	0.2	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	20.9	20.5	21.0	21.1	20.9	20.6	20.2	18.7	17.2	15.8	14.5	13.3	12.1	11.1
20-24	65.7	64.9	66.3	67.1	67.7	68.5	69.9	68.0	66.2	64.2	62.1	59.5	56.8	54.6
25-29	86.1	85.2	88.3	91.4	94.7	98.7	103.8	103.1	101.8	99.9	97.7	94.6	91.3	89.4
30-34	77.1	76.7	80.3	84.4	88.7	94.0	100.5	101.6	102.6	103.1	103.2	102.1	100.4	100.1
35-39	36.9	36.4	37.4	38.7	40.4	42.9	46.4	47.6	48.6	49.3	49.8	49.9	49.6	50.2
40-44	7.1	7.2	7.5	7.9	8.3	8.6	9.0	9.0	9.1	9.3	9.5	9.7	9.8	10.0
45-49**	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
Delaware														
General	57.1	57.0	57.4	57.5	57.6	57.3	57.4	57.1	56.7	55.6	54.4	52.7	50.8	49.1
10-14	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
15-19	24.3	23.5	22.9	22.0	21.0	19.5	18.5	16.7	15.3	13.7	12.6	10.6	9.7	8.6
20-24	73.0	72.0	70.7	68.3	65.5	62.3	59.2	56.2	54.1	52.0	50.4	48.3	46.2	44.4
25-29	106.0	107.8	109.0	109.7	109.2	107.0	106.3	102.9	99.2	94.2	88.7	82.8	78.6	75.6
30-34	99.4	98.5	100.0	101.7	103.9	106.2	107.9	108.5	109.3	107.8	106.5	104.2	100.1	95.4
35-39	46.1	46.1	46.7	46.9	47.1	46.9	47.2	48.4	48.3	47.7	47.4	47.0	45.1	45.3
40-44	7.7	7.4	7.6	8.1	8.4	8.7	8.9	8.9	8.9	8.8	8.6	8.6	8.9	8.9
45-49**	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.7	0.7	0.6
Kent														
General	67.4	68.1	68.0	67.7	68.0	67.0	67.0	66.2	65.4	63.4	62.2	59.1	57.4	55.2
10-14	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
15-19	35.2	34.0	32.2	31.6	28.9	25.5	24.8	21.7	19.3	17.4	16.4	13.0	12.5	11.0
20-24	126.6	124.6	119.3	111.5	107.0	102.4	97.8	94.4	94.1	91.2	87.3	80.1	76.8	71.0
25-29	126.6	130.6	132.4	133.3	131.0	128.6	128.1	124.9	123.8	121.2	120.5	115.9	114.5	110.0
30-34	86.5	87.4	88.5	90.8	95.9	97.6	100.5	102.2	100.7	97.4	97.3	94.1	92.8	92.0
35-39	36.7	36.9	37.5	36.2	38.2	36.9	37.0	38.4	38.3	37.2	37.0	36.9	34.8	36.0
40-44	7.0	6.8	6.6	6.5	6.8	7.2	7.4	7.4	7.7	7.6	7.1	7.3	7.4	6.8
45-49**	0.3	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.4	0.6	0.5	0.6	0.7	0.8
New Castle														
General	53.2	52.7	53.0	53.5	53.3	53.3	53.4	52.9	52.4	51.4	50.0	48.3	46.4	44.7
10-14	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19	17.3	16.7	16.3	15.8	14.9	14.0	12.9	11.8	10.9	9.9	9.2	8.1	7.1	5.7
20-24	48.2	47.4	46.7	46.3	44.2	42.0	39.8	37.4	35.0	34.3	33.3	32.2	30.7	29.6
25-29	97.2	98.3	98.8	99.8	99.2	97.2	95.6	90.7	84.4	77.2	69.7	63.2	59.1	56.9
30-34	108.8	107.4	109.2	111.5	112.8	114.6	115.8	116.2	116.7	115.5	113.2	110.3	103.8	96.3
35-39	52.9	52.7	53.2	54.0	53.7	54.9	55.4	55.7	55.5	54.1	52.7	51.5	50.3	49.8
40-44	8.6	8.4	8.8	9.5	9.5	9.6	10.0	10.0	9.9	10.0	9.9	9.8	9.7	9.9
45-49**	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7	0.8	0.7	0.6
Sussex														
General	60.2	60.3	60.9	60.2	60.8	60.2	60.3	60.5	60.9	59.8	59.4	58.5	56.2	55.0
10-14	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15-19	38.2	36.9	36.3	33.9	33.2	31.0	29.1	26.0	23.1	19.9	17.4	14.5	13.3	13.1
20-24	121.7	118.1	116.0	109.3	106.4	101.7	96.6	91.3	86.5	76.4	70.1	65.3	59.7	57.6
25-29	114.0	115.0	116.8	116.0	116.9	113.8	115.1	116.7	119.2	121.6	122.1	120.0	113.0	107.0
30-34	82.1	81.9	83.4	83.4	85.5	90.6	92.7	92.8	97.0	96.9	98.0	98.0	97.5	96.5
35-39	34.8	36.0	37.0	37.6	37.7	35.3	35.5	39.1	39.4	41.1	43.4	44.7	41.8	42.5
40-44	5.5	5.4	5.3	5.7	6.5	7.3	7.7	7.6	7.5	7.0	6.9	7.1	8.1	8.4
45-49**	0.2	0.4	0.4	0.4	0.4	0.4	0.2	0.3	0.5	0.4	0.6	0.7	0.8	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, 2004-2021

NON-HISPANIC BLACK

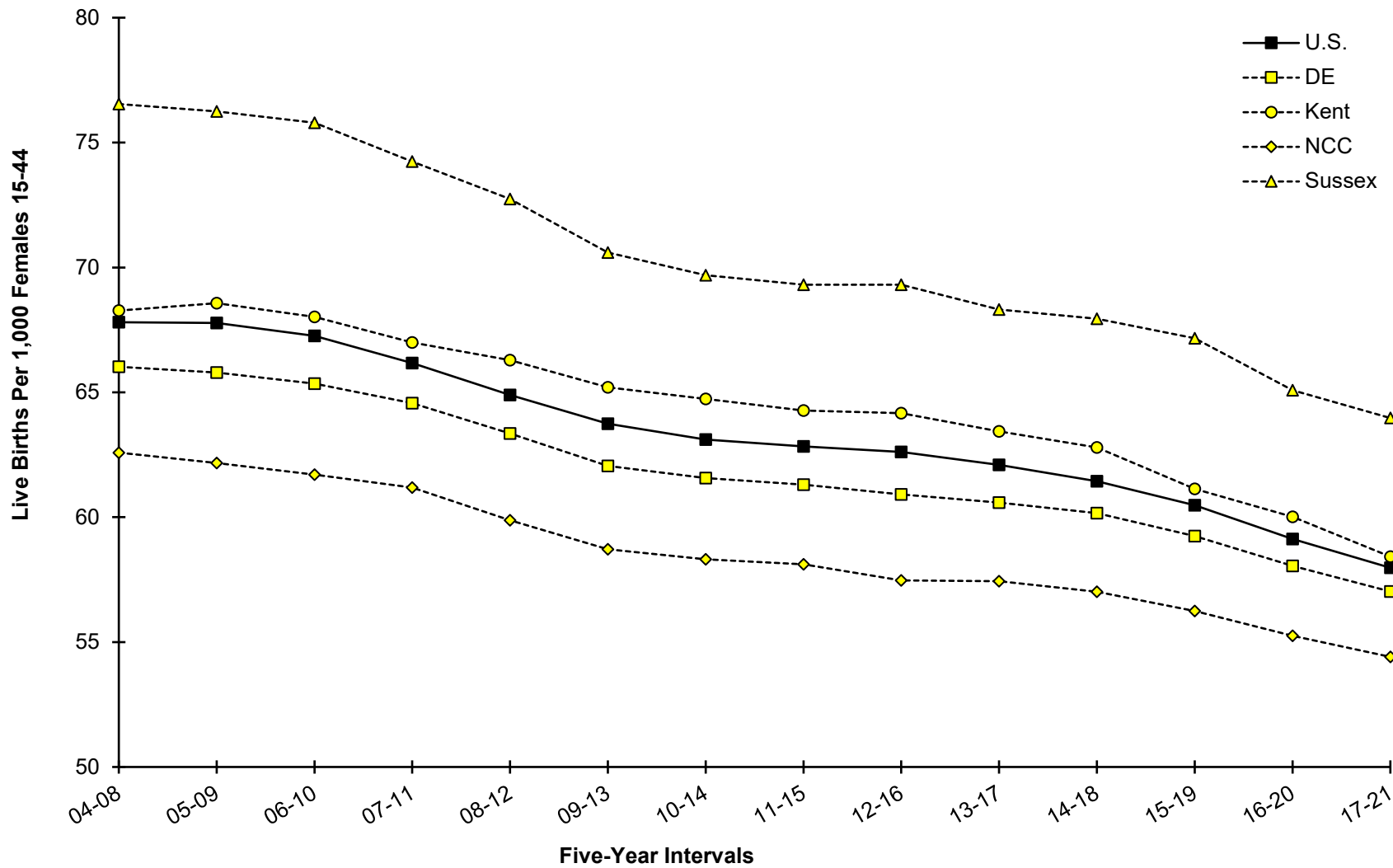
Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.														
General	64.9	65.0	65.6	65.3	64.8	64.5	64.5	64.1	63.7	63.4	62.9	61.7	60.1	59.3
10-14	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.4
15-19	57.3	56.1	55.2	53.1	50.3	46.8	43.2	39.2	35.6	32.3	29.8	27.6	25.7	24.3
20-24	122.6	121.7	121.2	118.3	114.8	111.3	108.5	105.1	102.0	99.2	96.2	92.2	87.7	84.6
25-29	99.9	99.8	100.5	100.2	99.9	100.3	101.3	101.3	101.0	100.6	99.6	97.3	94.6	93.0
30-34	66.7	67.6	69.2	70.2	71.3	72.7	75.0	76.7	78.4	80.3	81.6	81.5	80.5	81.5
35-39	33.0	33.4	34.1	34.8	35.7	36.9	38.7	40.1	41.6	43.0	44.4	45.0	45.5	46.4
40-44	7.8	8.0	8.3	8.5	8.8	9.1	9.5	9.8	10.1	10.5	11.0	11.4	11.8	12.2
45-49**	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.1
Delaware														
General	72.6	72.8	73.0	72.8	71.2	70.0	68.6	68.2	67.5	67.6	67.2	67.3	66.7	66.3
10-14	1.6	1.5	1.5	1.4	1.3	1.0	1.0	0.9	0.8	0.7	0.8	0.6	0.5	0.4
15-19	65.3	62.7	59.4	55.5	50.2	46.0	40.8	36.8	33.7	31.7	29.0	28.9	28.2	26.7
20-24	143.2	139.9	137.7	134.3	128.4	121.4	113.4	107.1	100.5	95.3	92.3	91.8	89.9	89.1
25-29	117.9	120.0	121.4	123.1	120.6	118.6	116.5	116.0	113.4	115.3	111.1	108.1	104.8	102.6
30-34	72.0	75.7	77.9	80.5	82.0	84.5	86.7	89.6	92.4	93.7	95.6	95.5	94.7	93.8
35-39	36.3	37.4	39.3	40.8	42.0	43.9	45.5	47.8	49.6	50.4	52.1	53.3	54.3	56.7
40-44	8.8	9.0	9.2	9.2	8.9	8.7	8.7	8.9	9.3	10.0	11.0	11.8	13.0	13.4
45-49**	0.5	0.6	0.7	0.6	0.6	0.6	0.6	0.4	0.5	0.7	0.8	1.1	1.2	1.3
Kent														
General	69.6	69.6	69.4	68.5	66.8	66.0	65.3	65.3	66.4	67.9	67.8	68.0	67.9	67.0
10-14	1.9	1.3	0.8	0.8	0.4	0.3	0.4	0.7	0.7	0.8	1.0	0.8	0.4	0.4
15-19	53.3	49.4	46.9	42.5	41.3	39.2	36.1	32.9	34.2	32.1	30.5	31.3	32.0	27.7
20-24	119.2	117.4	113.8	109.8	100.4	92.6	85.4	82.6	79.8	81.7	87.2	91.8	97.8	104.0
25-29	124.9	128.5	127.7	129.7	127.6	125.0	120.2	117.5	110.5	102.8	91.5	84.8	79.2	78.0
30-34	69.3	73.9	78.6	81.3	81.5	84.6	89.4	89.5	93.4	99.7	101.6	102.3	99.1	92.5
35-39	30.8	30.6	32.3	33.1	36.3	39.5	44.6	50.0	54.9	57.1	57.7	58.5	60.8	61.1
40-44	7.9	8.4	9.5	9.1	8.2	8.4	8.3	7.2	8.4	10.5	11.6	13.2	15.1	15.0
45-49**	0.2	0.0	0.6	0.9	0.9	1.1	1.3	0.7	0.6	1.0	0.9	1.0	1.2	1.1
New Castle														
General	71.2	71.6	72.0	71.9	70.5	69.1	67.5	67.2	65.9	65.5	65.0	65.3	64.6	64.6
10-14	1.3	1.3	1.4	1.3	1.3	1.0	1.0	0.8	0.8	0.7	0.7	0.6	0.5	0.4
15-19	63.7	61.5	59.3	56.1	50.6	45.5	40.2	35.9	31.3	29.0	26.2	25.5	24.1	23.3
20-24	140.4	137.4	136.7	133.0	129.2	123.7	115.6	109.2	101.0	92.7	87.4	86.4	83.1	81.2
25-29	114.4	116.5	118.3	120.1	117.7	115.6	114.4	114.6	113.1	117.6	115.7	115.0	113.4	110.1
30-34	76.3	80.3	81.5	83.6	84.7	87.0	88.2	91.4	93.7	93.8	95.2	94.6	93.9	95.0
35-39	38.9	40.1	41.8	43.7	44.5	45.1	45.7	47.6	48.3	49.0	51.5	53.2	53.4	56.5
40-44	9.4	9.5	9.5	9.6	9.1	9.0	9.1	9.6	9.9	10.4	11.2	11.5	12.8	13.5
45-49**	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.6	0.8	0.8	1.1	1.1	1.2
Sussex														
General	84.7	84.8	84.2	85.2	82.9	82.5	80.7	79.0	78.8	79.0	78.0	77.0	75.8	73.9
10-14	2.5	2.5	2.8	3.0	2.6	2.4	2.2	1.7	1.1	0.9	0.9	0.7	0.6	0.4
15-19	93.9	93.0	83.7	78.2	65.6	61.0	52.6	48.6	45.2	45.1	40.8	42.9	43.6	42.1
20-24	204.4	198.5	192.8	194.3	189.0	180.6	174.4	161.0	152.5	142.6	129.2	120.8	112.2	105.9
25-29	126.6	125.5	128.4	129.3	125.0	124.1	122.2	120.6	120.5	129.2	133.0	131.2	127.7	126.6
30-34	51.3	52.1	55.5	60.8	67.4	69.8	73.7	79.0	83.6	83.9	88.9	89.5	91.1	89.4
35-39	28.3	30.7	35.0	34.6	35.0	44.3	45.6	45.6	48.6	48.0	46.9	45.7	48.8	50.7
40-44	6.6	6.8	6.6	7.3	8.5	7.4	6.8	7.1	7.3	6.3	8.6	11.0	11.0	10.4
45-49**	0.4	0.9	0.4	0.6	0.6	0.6	0.2	0.2	0.2	0.2	0.7	0.9	2.2	2.1

Notes:

- 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.
 - General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
 - 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

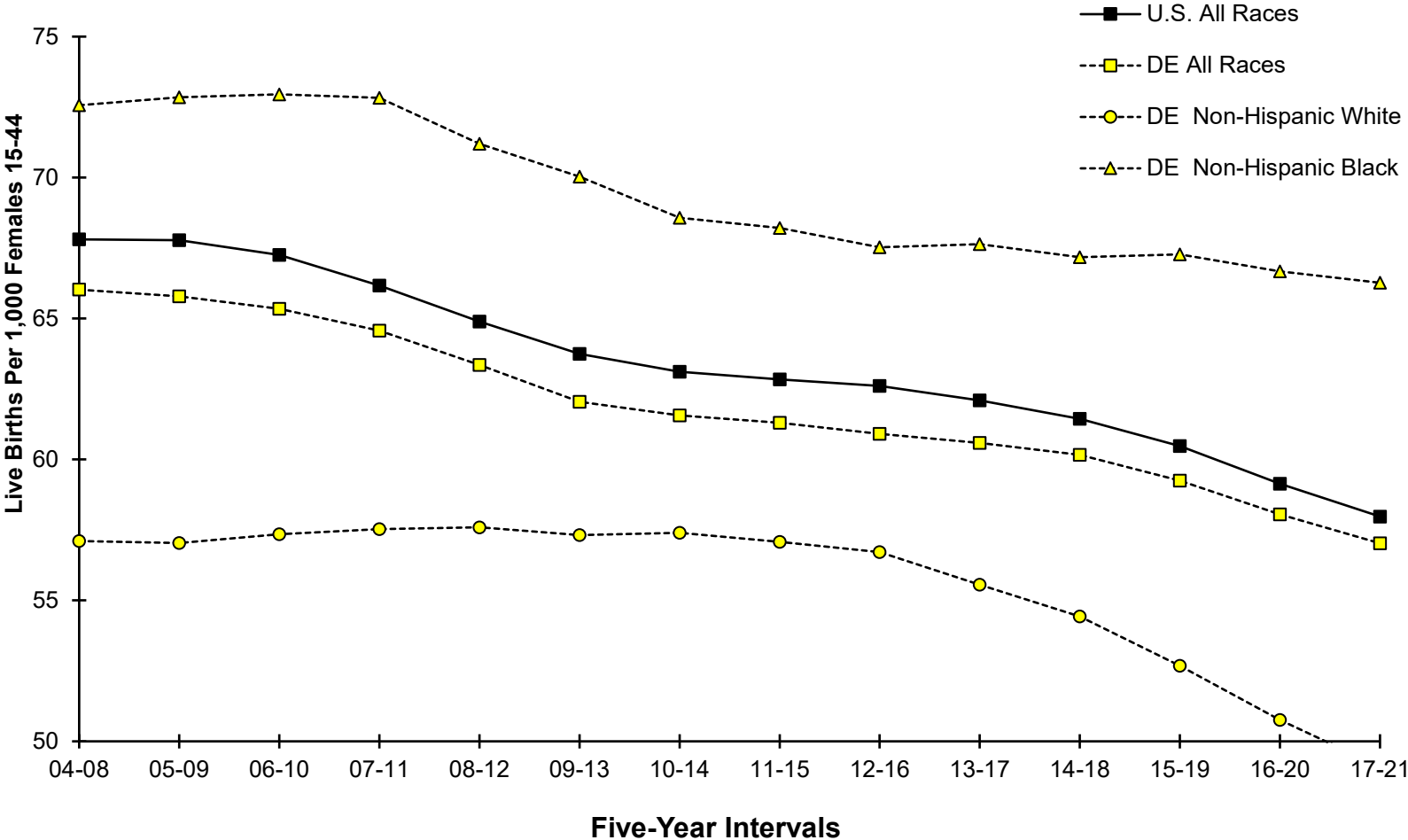
Figure C-6. Five-Year Average General Fertility Rates, U.S., Delaware, and Counties, 2004-2021



Sources: National Center for Health Statistics

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

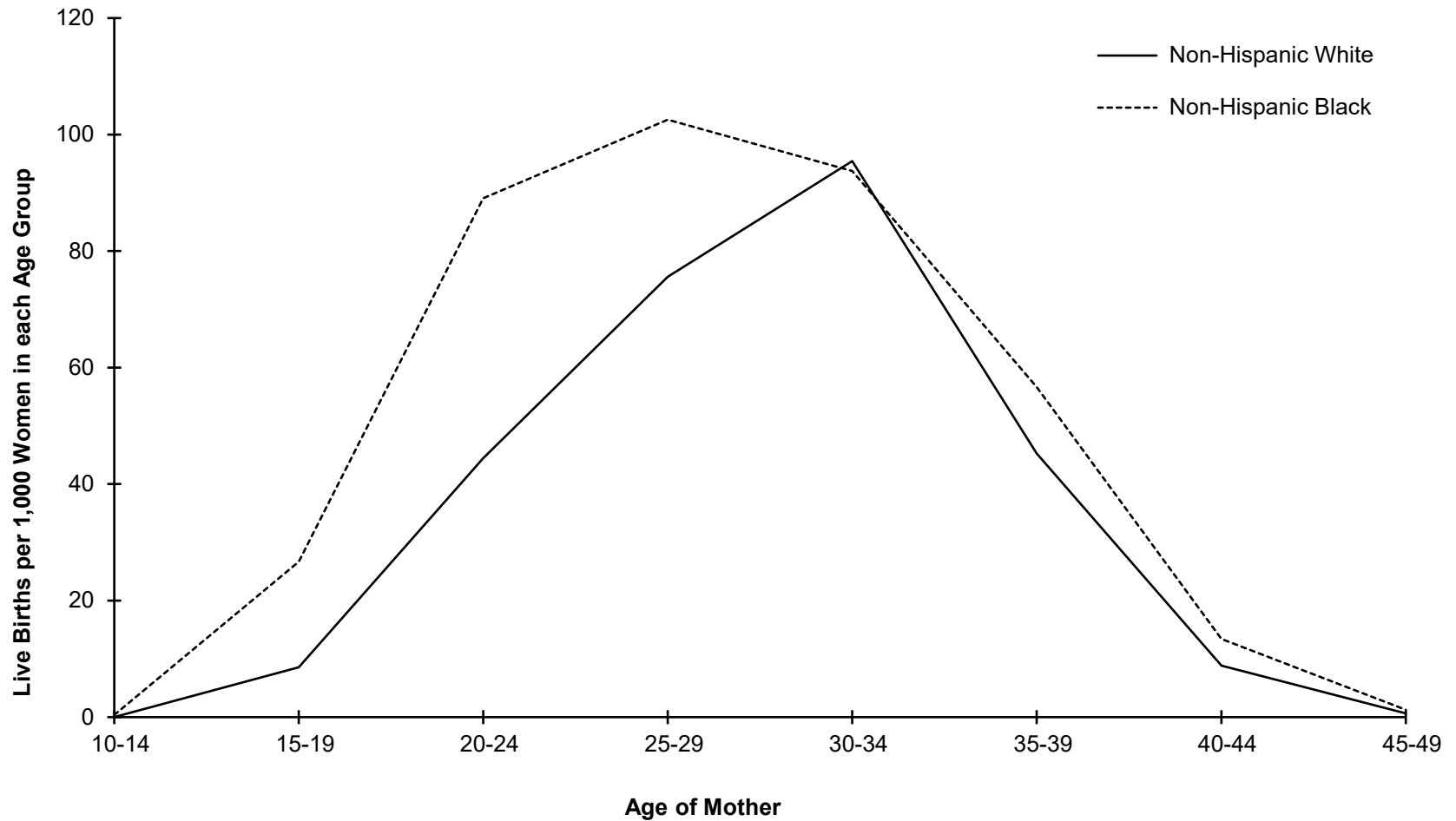
Figure C-7. Five-Year Average General Fertility Rates by Race, U.S., and Delaware, 2004-2021



Sources: National Center for Health Statistics

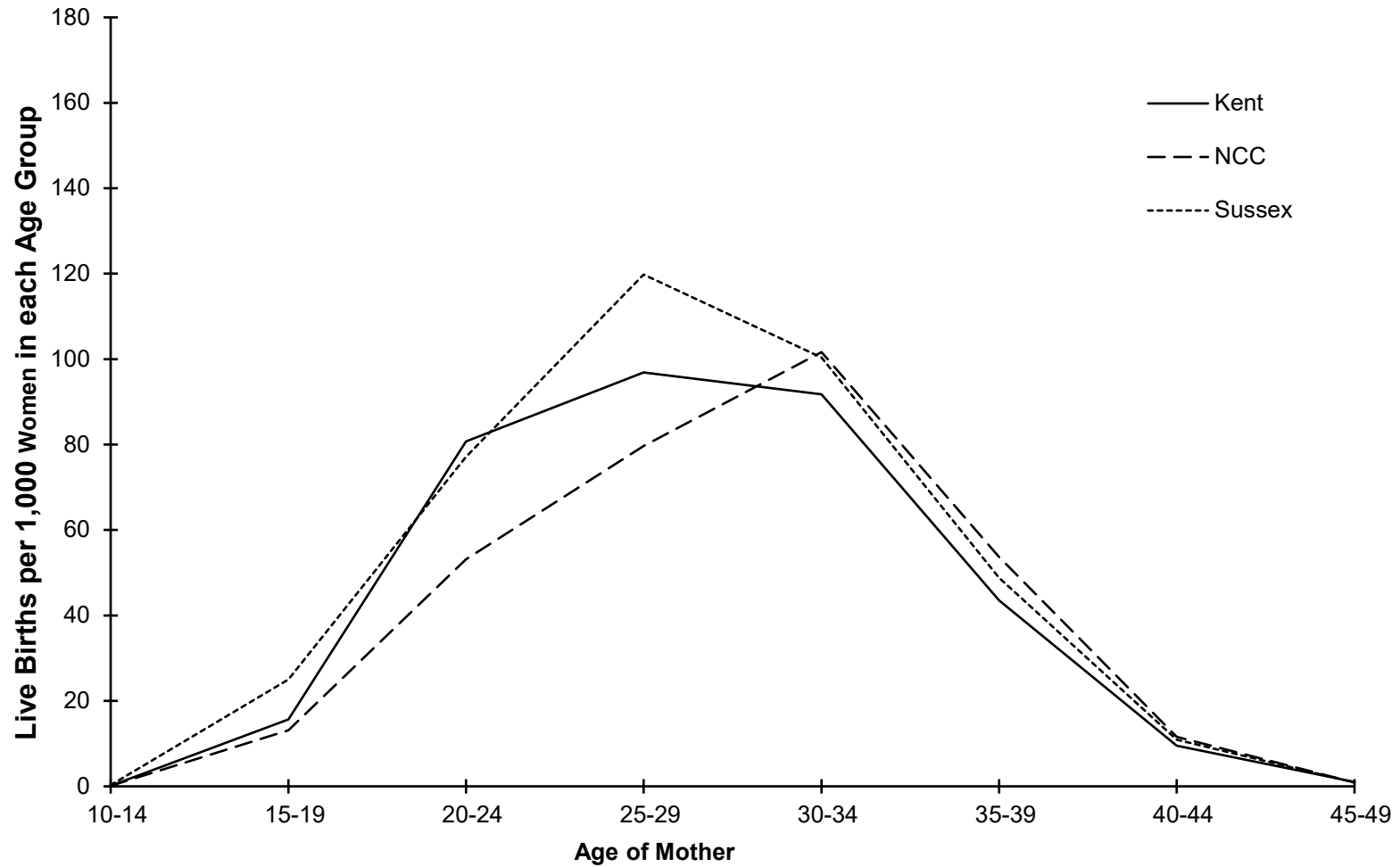
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-8. Five-Year Average Age-Specific Live Birth Rates by Race, Delaware, 2017-2021



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, 2017-2021



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, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Age	Total	Non-Hispanic									Hispanic Origin
		White	Black	American Indian*	Asian or Pacific Islander (API)					Other/ Unknown	
					Chinese	Japanese	Hawaiian	Filipino	Other API		
Delaware	10,389	4,966	2,870	54	86	12	7	57	437	53	1,847
<15	5	0	2	0	0	0	0	0	0	0	3
15-17	82	15	33	0	0	0	0	0	1	0	33
18-19	340	95	128	1	0	0	2	1	0	2	111
20-24	1,829	660	667	11	1	0	1	7	24	8	450
25-29	2,877	1,392	776	23	19	2	1	11	103	8	542
30-34	3,201	1,797	733	7	49	3	2	15	178	12	405
35-39	1,685	843	442	9	17	7	1	14	99	17	236
40+	370	164	89	3	0	0	0	9	32	6	67
Unknown	0	0	0	0	0	0	0	0	0	0	0
Kent	2,066	1,097	647	15	6	0	1	15	43	13	229
<15	2	0	1	0	0	0	0	0	0	0	1
15-17	13	4	5	0	0	0	0	0	0	0	4
18-19	72	32	29	0	0	0	0	1	0	0	10
20-24	444	202	170	4	0	0	0	3	5	3	57
25-29	623	347	176	6	0	0	0	1	16	1	76
30-34	591	349	165	2	4	0	1	5	10	3	52
35-39	273	143	87	2	2	0	0	4	9	5	21
40+	48	20	14	1	0	0	0	1	3	1	8
Unknown	0	0	0	0	0	0	0	0	0	0	0
New Castle	6,027	2,608	1,844	28	71	8	3	33	371	34	1,027
<15	2	0	1	0	0	0	0	0	0	0	1
15-17	40	4	21	0	0	0	0	0	1	0	14
18-19	145	25	75	1	0	0	1	0	0	1	42
20-24	899	230	395	6	1	0	0	3	17	3	244
25-29	1,585	670	484	11	17	0	1	9	83	7	303
30-34	1,989	1,048	490	4	39	3	0	7	162	9	227
35-39	1,110	522	309	4	14	5	1	8	82	9	156
40+	257	109	69	2	0	0	0	6	26	5	40
Unknown	0	0	0	0	0	0	0	0	0	0	0
Wilmington	814	175	438	8	5	2	0	3	10	8	165
<15	2	0	1	0	0	0	0	0	0	0	1
15-17	15	1	9	0	0	0	0	0	0	0	5
18-19	36	3	23	0	0	0	0	0	0	0	10
20-24	171	16	109	3	0	0	0	0	1	1	41
25-29	206	35	128	2	1	0	0	0	0	2	38
30-34	223	80	100	1	2	0	0	1	1	2	36
35-39	132	32	59	0	2	2	0	2	3	2	30
40+	29	8	9	2	0	0	0	0	5	1	4
Unknown	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,213	2,433	1,406	20	66	6	3	30	361	26	862
<15	0	0	0	0	0	0	0	0	0	0	0
15-17	25	3	12	0	0	0	0	0	1	0	9
18-19	109	22	52	1	0	0	1	0	0	1	32
20-24	728	214	286	3	1	0	0	3	16	2	203
25-29	1,379	635	356	9	16	0	1	9	83	5	265
30-34	1,766	968	390	3	37	3	0	6	161	7	191
35-39	978	490	250	4	12	3	1	6	79	7	126
40+	228	101	60	0	0	0	0	6	21	4	36
Unknown	0	0	0	0	0	0	0	0	0	0	0
Sussex	2,296	1,261	379	11	9	4	3	9	23	6	591
<15	1	0	0	0	0	0	0	0	0	0	1
15-17	29	7	7	0	0	0	0	0	0	0	15
18-19	123	38	24	0	0	0	1	0	0	1	59
20-24	486	228	102	1	0	0	1	1	2	2	149
25-29	669	375	116	6	2	2	0	1	4	0	163
30-34	621	400	78	1	6	0	1	3	6	0	126
35-39	302	178	46	3	1	2	0	2	8	3	59
40+	65	35	6	0	0	0	0	2	3	0	19
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, AGE OF FATHER, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Age of Mother	Age of Father									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	5,508	0	0	5	238	1,015	1,980	1,424	770	76
<15	0	0	0	0	0	0	0	0	0	0
15-17	2	0	0	0	1	0	0	0	0	1
18-19	24	0	0	2	18	2	0	0	0	2
20-24	368	0	0	3	169	139	38	10	3	6
25-29	1,491	0	0	0	44	711	532	140	43	21
30-34	2,205	0	0	0	6	130	1,229	643	176	21
35-39	1,153	0	0	0	0	29	168	569	368	19
40+	265	0	0	0	0	4	13	62	180	6
Unknown	0	0	0	0	0	0	0	0	0	0
Kent	1,119	0	0	2	98	284	363	239	123	10
<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	6	0	0	1	5	0	0	0	0	0
20-24	134	0	0	1	81	43	6	2	0	1
25-29	353	0	0	0	10	191	111	29	10	2
30-34	415	0	0	0	2	42	221	117	29	4
35-39	181	0	0	0	0	8	22	84	64	3
40+	30	0	0	0	0	0	3	7	20	0
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	3,330	0	0	2	68	496	1,255	954	512	43
<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	0	4	2	0	0	0	2
20-24	138	0	0	2	42	61	23	4	2	4
25-29	802	0	0	0	20	356	307	76	29	14
30-34	1,406	0	0	0	1	57	794	428	118	8
35-39	781	0	0	0	0	16	124	402	229	10
40+	194	0	0	0	0	4	7	44	134	5
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	244	0	0	0	4	41	85	67	40	7
<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	0	0	0	0	0	0	0	0	0	0
20-24	13	0	0	0	1	6	4	1	0	1
25-29	48	0	0	0	1	25	12	3	2	5
30-34	107	0	0	0	1	7	57	33	9	0
35-39	56	0	0	0	0	1	10	24	20	1
40+	19	0	0	0	0	2	2	6	9	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	3,086	0	0	2	64	455	1,170	887	472	36
<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	8	0	0	0	4	2	0	0	0	2
20-24	125	0	0	2	41	55	19	3	2	3
25-29	754	0	0	0	19	331	295	73	27	9
30-34	1,299	0	0	0	0	50	737	395	109	8
35-39	725	0	0	0	0	15	114	378	209	9
40+	175	0	0	0	0	2	5	38	125	5
Unknown	0	0	0	0	0	0	0	0	0	0
Sussex	1,059	0	0	1	72	235	362	231	135	23
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	0	0	0	0	0	0	0	1
18-19	10	0	0	1	9	0	0	0	0	0
20-24	96	0	0	0	46	35	9	4	1	1
25-29	336	0	0	0	14	164	114	35	4	5
30-34	384	0	0	0	3	31	214	98	29	9
35-39	191	0	0	0	0	5	22	83	75	6
40+	41	0	0	0	0	0	3	11	26	1
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, AGE OF MOTHER, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Education	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,389	5	82	340	1,829	2,877	3,201	1,685	370	0
<9	513	3	9	31	112	132	121	76	29	0
9 to 11	790	2	65	96	208	173	146	81	19	0
H.S. Graduate	2,736	0	6	165	878	823	525	281	58	0
1 to 3 College	2,601	0	1	37	486	875	751	376	75	0
4+ College	3,495	0	0	0	93	811	1,589	826	176	0
Unknown	254	0	1	11	52	63	69	45	13	0
Kent	2,066	2	13	72	444	623	591	273	48	0
<9	104	1	0	4	31	30	19	17	2	0
9 to 11	153	1	10	15	37	38	30	19	3	0
H.S. Graduate	534	0	2	41	181	170	89	42	9	0
1 to 3 College	679	0	1	11	153	234	187	76	17	0
4+ College	567	0	0	0	32	148	259	112	16	0
Unknown	29	0	0	1	10	3	7	7	1	0
New Castle	6,027	2	40	145	899	1,585	1,989	1,110	257	0
<9	129	1	3	3	18	28	38	24	14	0
9 to 11	386	1	34	46	104	74	74	41	12	0
H.S. Graduate	1,591	0	2	71	483	480	325	190	40	0
1 to 3 College	1,319	0	0	16	208	424	401	224	46	0
4+ College	2,401	0	0	0	48	525	1,095	598	135	0
Unknown	201	0	1	9	38	54	56	33	10	0
Wilmington	814	2	15	36	171	206	223	132	29	0
<9	19	1	0	1	4	3	4	5	1	0
9 to 11	101	1	14	9	24	22	19	10	2	0
H.S. Graduate	319	0	0	19	108	93	60	34	5	0
1 to 3 College	160	0	0	4	26	50	42	31	7	0
4+ College	181	0	0	0	2	31	89	47	12	0
Unknown	34	0	1	3	7	7	9	5	2	0
Balance of NC County	5,213	0	25	109	728	1,379	1,766	978	228	0
<9	110	0	3	2	14	25	34	19	13	0
9 to 11	285	0	20	37	80	52	55	31	10	0
H.S. Graduate	1,272	0	2	52	375	387	265	156	35	0
1 to 3 College	1,159	0	0	12	182	374	359	193	39	0
4+ College	2,220	0	0	0	46	494	1,006	551	123	0
Unknown	167	0	0	6	31	47	47	28	8	0
Sussex	2,296	1	29	123	486	669	621	302	65	0
<9	280	1	6	24	63	74	64	35	13	0
9 to 11	251	0	21	35	67	61	42	21	4	0
H.S. Graduate	611	0	2	53	214	173	111	49	9	0
1 to 3 College	603	0	0	10	125	217	163	76	12	0
4+ College	527	0	0	0	13	138	235	116	25	0
Unknown	24	0	0	1	4	6	6	5	2	0

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

TABLE C-12. NUMBER AND PERCENTAGE OF LIVE BIRTHS BY EDUCATION, RACE AND HISPANIC ORIGIN OF MOTHER , COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Education	Total		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,389	100	4,966	100	2,870	100	706	100	1,847	100
<9	513	5	106	2	23	1	9	1	375	20
9 to 11	790	8	222	4	267	9	25	4	276	15
H.S. Grad.	2,736	26	993	20	1,084	38	82	12	577	31
1 to 3 College	2,601	25	1,323	27	811	28	99	14	368	20
4+ College	3,495	34	2,243	45	588	20	472	67	192	10
Unknown	254	2	79	2	97	3	19	3	59	3
Kent	2,066	100	1,097	100	647	100	93	100	229	100
<9	104	5	80	7	6	1	2	2	16	7
9 to 11	153	7	62	6	58	9	5	5	28	12
H.S. Grad.	534	26	251	23	206	32	14	15	63	28
1 to 3 College	679	33	348	32	229	35	24	26	78	34
4+ College	567	27	347	32	138	21	44	47	38	17
Unknown	29	1	9	1	10	2	4	4	6	3
New Castle	6,027	100	2,608	100	1,844	100	548	100	1,027	100
<9	129	2	18	1	7	0	7	1	97	9
9 to 11	386	6	78	3	145	8	15	3	148	14
H.S. Grad.	1,591	26	433	17	712	39	51	9	395	38
1 to 3 College	1,319	22	564	22	478	26	64	12	213	21
4+ College	2,401	40	1,454	56	422	23	397	72	128	12
Unknown	201	3	61	2	80	4	14	3	46	4
Wilmington	814	100	175	100	438	100	36	100	165	100
<9	19	2	4	2	4	1	0	0	11	7
9 to 11	101	12	13	7	57	13	2	6	29	18
H.S. Grad.	319	39	27	15	211	48	7	19	74	45
1 to 3 College	160	20	24	14	101	23	7	19	28	17
4+ College	181	22	105	60	45	10	18	50	13	8
Unknown	34	4	2	1	20	5	2	6	10	6
Balance of NC County	5,213	100	2,433	100	1,406	100	512	100	862	100
<9	110	2	14	1	3	0	7	1	86	10
9 to 11	285	5	65	3	88	6	13	3	119	14
H.S. Grad.	1,272	24	406	17	501	36	44	9	321	37
1 to 3 College	1,159	22	540	22	377	27	57	11	185	21
4+ College	2,220	43	1,349	55	377	27	379	74	115	13
Unknown	167	3	59	2	60	4	12	2	36	4
Sussex	2,296	100	1,261	100	379	100	65	100	591	100
<9	280	12	8	1	10	3	0	0	262	44
9 to 11	251	11	82	7	64	17	5	8	100	17
H.S. Grad.	611	27	309	25	166	44	17	26	119	20
1 to 3 College	603	26	411	33	104	27	11	17	77	13
4+ College	527	23	442	35	28	7	31	48	26	4
Unknown	24	1	9	1	7	2	1	2	7	1

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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004 -2021

ALL RACES

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	38.3	39.4	40.1	40.6	40.8	40.8	40.6	40.5	40.3	39.2	38.2	37.2	36.4	35.5
<20	84.7	85.6	86.4	87.2	87.9	88.3	88.6	88.8	88.9	87.5	86.2	85.0	83.8	82.6
20-24	57.9	59.3	60.6	61.8	62.9	63.8	64.6	65.2	65.5	64.5	63.4	62.3	61.3	60.3
25-29	30.8	31.9	32.8	33.5	34.1	34.6	35.2	35.9	36.7	36.7	36.6	36.5	36.2	35.8
30+	17.8	18.6	19.4	20.1	20.7	21.2	21.6	22.1	22.4	22.1	21.8	21.5	21.3	21.1
Delaware	45.4	46.4	47.0	47.6	47.7	47.6	47.4	47.2	46.6	46.7	46.6	46.7	47.1	47.3
<20	92.8	93.2	93.3	93.7	93.9	94.0	94.2	94.4	94.5	94.7	94.4	94.5	94.6	94.7
20-24	70.6	71.6	72.7	73.9	74.5	75.0	75.7	76.1	76.0	76.0	76.4	76.8	77.2	77.9
25-29	38.0	39.6	40.6	41.9	42.7	43.6	43.8	44.6	44.8	45.9	46.5	47.5	48.4	49.0
30+	19.8	20.9	21.8	22.9	24.0	24.8	25.7	26.5	26.9	27.8	28.3	28.9	29.7	30.4
Kent	43.6	43.9	44.0	45.0	45.1	45.0	45.0	45.7	45.7	46.2	46.5	47.1	47.4	47.2
<20	88.6	89.0	89.1	90.0	90.3	91.4	91.8	92.5	92.5	92.8	92.4	92.5	92.6	93.1
20-24	60.1	60.9	61.6	63.0	64.2	64.9	66.1	67.8	67.8	67.1	67.6	68.3	67.9	68.1
25-29	32.5	33.1	34.2	35.5	36.9	37.0	37.8	39.6	40.4	41.9	43.0	43.9	44.7	45.1
30+	19.6	20.6	20.9	22.5	22.9	23.8	24.6	25.8	26.6	28.4	29.3	31.3	32.4	32.7
New Castle	42.6	44.0	44.8	45.4	45.7	45.8	45.5	45.1	44.6	44.7	44.7	44.8	45.3	45.5
<20	94.3	94.9	95.1	95.3	95.4	94.9	95.1	95.3	95.4	95.3	95.3	95.6	94.9	95.0
20-24	74.2	75.5	76.8	78.1	78.5	79.1	79.8	80.1	80.4	80.5	81.1	81.4	82.1	82.8
25-29	37.3	39.1	40.3	41.8	42.6	43.7	43.9	44.2	44.5	45.8	46.6	48.1	49.6	50.3
30+	18.0	19.3	20.2	21.2	22.3	23.1	23.9	24.6	25.1	25.9	26.4	26.8	27.6	28.3
Wilmington	71.0	71.6	71.1	70.6	70.1	69.3	68.1	68.2	68.3	68.8	69.3	70.9	71.8	72.2
<20	97.6	98.1	97.9	97.9	97.7	97.5	96.9	97.1	97.2	96.8	96.9	98.0	97.9	97.7
20-24	88.3	89.5	90.0	90.7	90.5	90.8	90.9	91.5	91.0	91.4	90.7	90.7	91.0	91.3
25-29	63.5	65.8	65.4	66.7	67.9	69.7	68.0	69.4	69.4	72.1	73.0	75.9	77.5	79.3
30+	40.5	41.2	40.4	40.1	40.9	40.2	41.2	42.7	45.2	45.8	47.9	49.6	51.0	51.9
Balance of NC County	36.7	38.0	39.2	40.3	40.8	41.2	41.2	40.8	40.2	40.3	40.3	40.3	40.8	41.2
<20	92.6	93.2	93.7	94.1	94.4	93.8	94.3	94.5	94.6	94.7	94.7	94.6	93.7	93.9
20-24	69.7	71.0	72.6	74.3	75.1	76.0	76.9	77.2	77.6	77.6	78.5	78.9	79.7	80.6
25-29	32.6	34.0	35.6	37.2	38.0	39.1	39.8	39.9	40.3	41.3	42.2	43.5	45.0	45.7
30+	15.1	16.3	17.4	18.5	19.7	20.7	21.4	22.0	22.3	23.1	23.5	23.8	24.6	25.4
Sussex	55.3	56.1	56.2	56.6	56.1	55.8	55.4	54.9	53.5	53.3	52.2	51.7	51.6	52.3
<20	93.0	93.0	92.6	93.3	93.2	93.8	94.3	94.1	94.2	94.8	94.2	93.8	95.4	95.2
20-24	72.5	73.4	74.4	75.6	75.9	76.0	76.3	76.0	75.0	75.6	75.7	76.0	76.6	78.0
25-29	45.2	47.4	47.6	48.7	48.8	50.0	49.6	50.7	50.1	50.5	49.7	49.7	49.1	49.4
30+	28.0	28.6	29.5	30.6	31.7	32.2	33.7	34.3	33.8	33.9	33.8	33.6	34.2	35.3

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-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS BY AGE OF MOTHER, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

NON-HISPANIC WHITE

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	26.6	27.5	28.2	28.7	29.0	29.1	29.2	29.2	29.2	28.8	28.4	27.9	27.4	26.9
<20	80.0	80.9	81.8	82.8	83.5	84.1	84.6	84.8	85.0	84.8	84.6	84.5	84.5	84.4
20-24	47.7	49.1	50.4	51.6	52.7	53.7	54.6	55.2	55.7	55.6	55.3	54.9	54.6	54.2
25-29	19.7	20.7	21.5	22.2	22.9	23.5	24.2	25.0	25.8	26.3	26.6	26.8	26.9	26.7
30+	10.2	10.7	11.3	11.9	12.5	13.0	13.5	13.9	14.4	14.5	14.6	14.6	14.7	14.8
Delaware	31.3	32.5	33.3	34.2	34.8	35.2	35.5	35.4	35.1	34.9	34.8	34.5	34.5	34.2
<20	90.0	90.5	91.1	91.5	92.0	92.3	92.6	92.4	92.2	91.7	90.8	90.3	90.5	90.4
20-24	60.8	61.7	62.8	64.1	65.0	65.7	67.0	67.5	67.5	67.6	68.0	68.3	68.4	68.8
25-29	25.2	27.0	28.2	29.7	30.6	31.9	32.5	33.3	33.9	35.1	35.8	36.4	36.7	36.4
30+	11.6	12.3	12.9	14.1	15.4	16.3	17.4	18.3	18.8	19.0	19.5	20.0	20.8	21.2
Kent	32.8	32.9	33.0	33.9	33.9	34.0	34.5	34.7	34.6	34.8	35.6	35.7	35.8	35.3
<20	84.5	84.9	85.9	86.5	87.4	89.0	89.3	89.5	89.0	89.5	88.2	87.7	87.8	89.5
20-24	49.3	49.7	50.5	51.4	53.0	53.8	55.4	56.4	56.5	55.9	56.7	56.8	55.6	55.0
25-29	22.8	23.1	24.2	25.5	26.0	26.5	27.7	28.5	28.9	30.6	32.4	33.3	33.8	33.8
30+	13.9	14.3	14.2	15.8	16.5	17.2	18.0	19.3	19.8	20.3	21.3	22.6	23.4	23.7
New Castle	27.8	29.3	30.3	31.4	32.1	32.6	32.8	32.6	32.3	32.2	31.9	31.4	31.4	30.6
<20	93.1	93.8	94.0	93.8	94.1	93.7	93.3	93.0	93.2	91.8	91.7	92.4	91.8	90.5
20-24	67.3	68.8	69.8	71.2	71.3	71.4	72.4	72.9	73.5	74.3	75.1	75.1	76.5	77.2
25-29	24.9	27.0	28.8	30.6	31.5	33.1	33.6	33.8	34.3	35.5	35.9	36.5	37.0	36.4
30+	9.9	10.6	11.3	12.4	14.0	15.0	15.9	16.8	17.4	17.6	17.9	18.0	18.6	18.7
Wilmington	31.2	32.5	32.1	34.6	34.9	34.4	32.7	33.2	32.3	32.5	32.8	33.9	33.5	33.6
<20	96.6	94.9	92.9	93.7	92.5	94.3	93.8	95.0	94.2	89.4	84.8	84.6	80.0	73.7
20-24	81.0	79.2	77.1	80.5	78.3	78.1	80.5	84.9	82.7	86.1	86.9	82.4	81.1	82.1
25-29	32.2	36.5	35.5	39.9	41.4	42.4	39.3	40.2	40.1	43.2	43.2	46.8	49.6	48.7
30+	13.0	13.3	13.3	14.5	15.6	14.9	15.3	16.4	17.3	17.9	19.0	19.5	19.8	20.6
Balance of NC County	27.6	29.0	30.1	31.1	31.9	32.4	32.8	32.5	32.3	32.1	31.8	31.2	31.2	30.4
<20	92.9	93.8	94.1	93.8	94.2	93.6	93.3	92.7	93.0	92.1	92.3	93.0	92.7	92.0
20-24	66.5	68.2	69.3	70.5	70.8	70.9	71.9	72.1	72.9	73.6	74.4	74.6	76.2	76.8
25-29	24.3	26.3	28.3	29.9	30.7	32.3	33.2	33.3	33.9	34.9	35.4	35.9	36.2	35.7
30+	9.6	10.4	11.1	12.2	13.8	15.0	16.0	16.9	17.5	17.6	17.8	17.8	18.5	18.5
Sussex	40.0	41.1	41.6	42.2	43.0	43.3	43.6	43.4	42.6	41.8	40.7	40.2	40.2	40.7
<20	89.8	90.3	90.9	92.1	92.4	93.0	94.2	93.7	93.4	93.4	92.0	89.5	91.2	91.0
20-24	62.4	63.4	64.7	66.0	67.6	68.9	70.2	70.4	70.0	70.1	70.2	70.9	71.8	72.9
25-29	28.7	31.4	31.3	32.3	33.5	35.0	35.2	37.2	38.1	39.1	38.8	39.1	38.8	38.8
30+	16.7	17.2	18.1	19.1	19.9	20.3	22.0	22.6	22.5	22.7	22.9	23.6	24.8	26.0

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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

NON-HISPANIC BLACK

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	70.8	71.5	72.0	72.3	72.4	72.3	71.9	71.5	71.0	69.8	68.9	68.2	67.6	67.1
<20	97.0	97.2	97.4	97.5	97.6	97.7	97.7	97.6	97.6	96.9	96.3	95.8	95.4	95.0
20-24	84.3	85.1	85.9	86.7	87.3	87.8	88.1	88.3	88.3	87.6	87.0	86.5	86.2	85.9
25-29	63.5	64.5	65.4	66.1	66.7	67.2	67.7	68.4	69.0	68.9	69.1	69.3	69.6	69.8
30+	43.5	44.5	45.3	46.1	46.8	47.3	47.6	47.9	48.1	47.7	47.5	47.7	47.9	48.3
Delaware	71.5	71.6	71.9	72.1	72.2	71.9	71.6	71.2	70.6	70.5	70.3	70.6	70.6	70.7
<20	98.0	98.0	97.9	98.2	98.0	98.0	98.0	98.3	98.2	98.7	98.8	98.8	98.6	98.7
20-24	86.9	87.8	88.4	89.1	89.4	89.5	90.0	90.4	90.5	90.4	90.7	90.6	90.7	91.3
25-29	65.2	65.9	66.8	67.7	69.4	69.9	70.0	70.5	70.7	70.7	71.2	72.3	73.7	74.0
30+	41.3	41.9	42.9	43.5	44.0	45.0	45.9	46.7	47.3	48.9	49.6	50.4	50.7	51.5
Kent	68.0	68.3	67.9	68.0	69.3	68.8	68.1	69.1	68.6	67.7	67.4	67.9	67.8	67.7
<20	94.7	95.1	95.2	96.5	96.3	97.0	96.6	97.1	97.0	98.0	97.9	98.8	98.8	98.6
20-24	81.1	82.4	82.1	83.0	84.0	84.3	85.6	87.6	87.3	86.0	86.0	85.8	86.5	87.2
25-29	58.6	59.4	60.5	60.8	65.0	63.7	64.2	66.5	67.9	66.2	66.5	66.2	67.1	67.0
30+	36.8	37.6	38.5	39.1	40.5	42.1	41.7	43.0	43.3	46.0	46.7	49.7	49.6	50.2
New Castle	70.7	70.9	71.3	71.4	71.3	71.2	71.0	70.6	70.1	70.3	70.4	70.7	71.0	71.0
<20	98.9	98.9	98.8	98.7	98.6	98.2	98.3	98.5	98.2	98.8	98.9	98.6	98.3	98.8
20-24	88.7	89.4	90.0	90.4	90.6	90.7	91.2	91.4	91.9	91.8	92.4	92.5	92.7	92.9
25-29	66.5	67.1	67.4	68.4	69.1	70.0	70.0	70.3	70.5	71.3	72.5	74.0	75.8	76.4
30+	41.3	42.3	43.3	44.1	44.2	45.3	46.5	47.3	48.0	49.5	50.2	50.5	50.9	51.6
Wilmington	85.5	85.7	85.4	85.0	84.8	84.9	85.1	85.3	86.0	86.5	85.9	86.2	86.5	86.2
<20	99.3	99.4	99.0	98.9	99.1	99.1	99.3	99.5	99.4	99.4	99.3	99.3	99.3	99.2
20-24	93.5	94.2	94.4	94.5	94.7	94.9	95.0	95.3	95.2	95.0	94.3	94.8	94.5	94.5
25-29	78.1	79.9	80.2	80.4	81.5	82.9	82.0	82.8	83.6	84.6	85.1	86.7	87.5	88.0
30+	64.1	64.3	63.5	63.5	63.4	64.5	67.7	69.4	72.6	74.5	74.0	73.9	74.5	74.3
Balance of NC County	61.5	61.6	63.0	64.1	64.3	64.6	64.7	64.0	63.1	63.3	63.7	64.2	64.7	65.2
<20	98.4	98.3	98.6	98.5	98.1	97.5	97.4	97.6	97.3	98.3	98.6	97.9	97.5	98.4
20-24	84.8	85.6	86.6	87.7	88.1	88.4	89.2	89.3	90.1	90.0	91.4	91.4	91.7	92.1
25-29	60.4	59.9	60.8	62.3	63.1	63.9	64.7	64.8	64.8	65.6	67.1	68.7	70.9	71.8
30+	33.3	34.3	36.2	37.5	37.7	39.0	39.9	40.4	40.5	42.1	43.1	43.3	44.0	45.2
Sussex	79.4	79.4	80.6	80.8	80.6	79.9	79.4	77.7	76.3	76.1	74.6	74.2	73.6	74.2
<20	98.2	97.7	97.7	98.0	97.6	98.1	98.9	98.8	99.5	99.5	99.5	99.5	99.0	98.5
20-24	87.6	88.6	91.0	91.7	91.8	91.7	91.3	90.6	89.7	91.2	91.3	90.2	89.6	91.7
25-29	68.2	70.3	73.6	75.0	77.4	79.3	79.0	78.1	76.7	75.0	72.9	74.1	74.3	73.9
30+	48.9	45.8	47.8	47.4	49.1	48.2	50.0	49.4	49.9	50.3	50.9	50.7	51.4	53.8

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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

HISPANIC ORIGIN*

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	49.7	51.0	52.0	52.7	53.2	53.3	53.3	53.2	53.0	50.3	47.6	45.3	42.8	40.5
<20	81.2	82.6	83.9	85.1	86.0	86.7	87.2	87.5	87.9	84.9	82.0	79.1	76.3	73.3
20-24	59.5	61.1	62.6	63.9	65.0	65.8	66.4	67.0	67.3	64.5	61.8	59.1	56.6	54.2
25-29	42.5	44.0	45.2	46.1	46.9	47.4	47.8	48.3	48.7	46.4	44.2	42.1	39.9	37.9
30+	31.7	32.9	34.0	34.9	35.6	36.1	36.5	36.9	37.2	35.3	33.5	31.7	30.0	28.3
Delaware	62.3	63.5	63.8	64.8	64.6	64.1	63.1	63.0	61.7	61.5	60.7	60.5	60.3	60.6
<20	88.4	89.4	89.0	89.4	89.5	89.2	90.2	91.6	92.5	93.2	93.1	93.2	93.3	93.6
20-24	70.6	72.3	73.7	75.2	75.1	75.4	74.7	75.0	74.6	74.5	74.7	74.9	75.2	75.8
25-29	56.3	57.6	57.7	60.2	60.4	60.4	60.2	60.8	58.7	58.6	58.2	58.4	58.1	58.7
30+	42.6	43.9	45.1	46.0	47.5	47.7	47.6	47.5	46.6	47.0	46.1	45.7	45.8	46.1
Kent	54.4	55.0	55.0	56.5	54.8	54.8	53.7	54.7	55.3	56.4	54.8	55.4	55.4	54.4
<20	84.4	85.7	82.6	81.3	79.4	81.2	84.9	88.9	89.8	88.2	89.0	85.5	84.9	84.6
20-24	61.0	62.8	64.5	66.9	67.3	67.1	64.7	65.1	66.7	66.1	65.6	67.8	67.8	67.0
25-29	44.2	43.8	44.3	46.3	45.5	46.9	46.5	51.0	50.5	51.7	51.0	52.2	51.4	52.4
30+	35.8	37.2	38.2	40.0	37.2	35.5	36.5	36.0	37.1	41.0	39.6	41.1	43.5	41.7
New Castle	57.4	59.1	60.0	61.4	62.7	62.6	62.2	61.6	60.3	59.5	59.0	58.7	58.8	59.2
<20	86.8	88.7	89.5	90.7	91.4	90.6	92.1	93.1	94.1	94.7	94.2	94.5	92.6	92.9
20-24	67.7	69.8	72.2	74.2	75.2	77.5	78.0	78.8	78.8	77.9	78.1	77.5	77.4	77.9
25-29	49.8	51.4	51.7	55.1	56.8	57.1	58.0	57.6	55.5	55.5	55.8	57.0	58.0	59.0
30+	36.6	38.0	39.7	40.5	43.0	42.4	42.3	41.7	41.4	41.9	41.7	41.8	42.7	43.3
Wilmington	68.8	70.6	71.0	70.8	72.0	71.5	69.3	68.4	68.1	68.3	69.1	71.8	73.1	74.4
<20	91.5	93.6	94.4	95.1	93.8	93.2	89.9	89.6	91.3	92.3	92.6	97.4	97.4	98.6
20-24	74.2	78.1	81.8	83.2	82.2	83.1	82.2	79.5	78.8	81.0	80.9	81.2	83.3	84.5
25-29	61.0	62.0	62.5	62.0	64.5	67.3	66.8	68.1	65.8	68.6	69.7	74.1	73.5	77.6
30+	48.0	47.5	44.5	43.6	49.7	46.2	47.3	48.0	51.1	48.2	51.2	52.0	55.7	56.6
Balance of NC County	54.2	56.0	57.1	59.0	60.4	60.4	60.4	60.0	58.5	57.5	57.0	56.3	56.3	56.6
<20	85.0	86.9	87.8	89.2	90.6	89.8	92.8	94.2	95.0	95.5	94.7	93.6	91.3	91.2
20-24	65.6	67.2	69.0	71.4	73.2	75.9	76.8	78.6	78.8	77.1	77.4	76.7	76.1	76.5
25-29	46.9	48.7	49.0	53.4	54.9	54.5	55.9	55.1	53.3	52.7	53.3	53.9	55.4	56.0
30+	34.4	36.2	38.8	39.9	41.9	41.8	41.3	40.4	39.5	40.7	40.1	40.3	40.9	41.4
Sussex	73.6	73.9	72.8	72.8	70.7	69.7	68.0	68.5	66.3	66.8	66.1	65.7	64.9	65.7
<20	92.8	92.2	90.3	89.9	89.4	89.6	88.3	89.7	90.6	92.7	92.9	93.9	96.2	96.1
20-24	78.2	79.0	78.8	79.4	77.7	75.8	74.0	73.8	71.4	72.6	73.1	73.8	74.9	76.2
25-29	70.9	72.0	71.2	72.2	70.4	69.6	68.6	69.5	67.2	66.8	66.1	63.9	61.7	61.2
30+	57.7	58.1	57.3	57.6	57.4	58.9	58.3	59.4	57.1	57.1	55.6	54.4	52.3	53.2

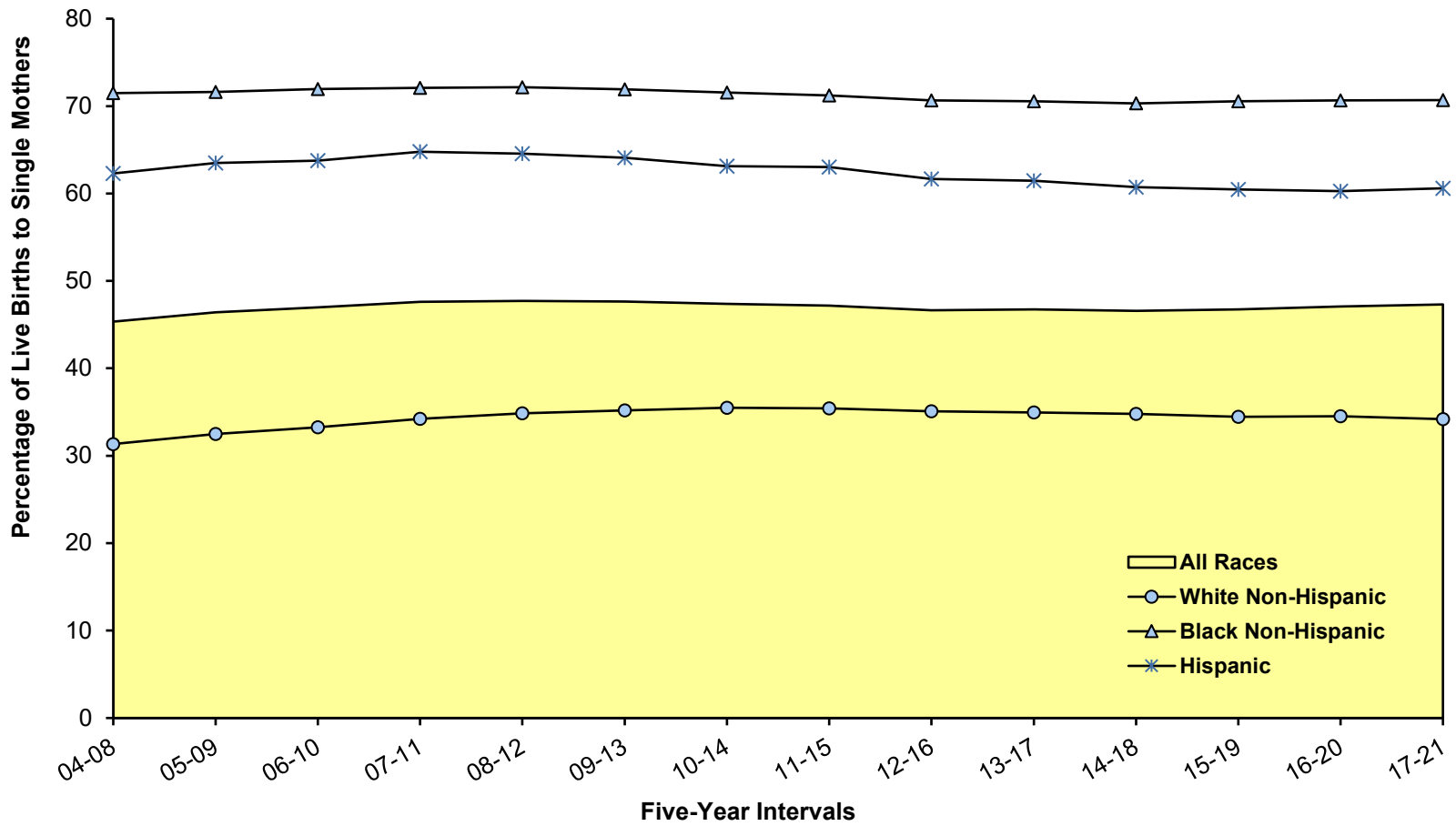
Notes:

*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, 2004-2021



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, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Age	Marital Status, Race, and Hispanic Origin														
	Total					Married					Single				
	All	Non-Hispanic			Hispanic	All	Non-Hispanic			Hispanic	All	Non-Hispanic			Hispanic
	White	Black	Other	Origin*	Races	White	Black	Other	Origin*	Races	White	Black	Other	Origin*	
Delaware	10,389	4,966	2,870	706	1,847	5,508	3,325	879	592	712	4,881	1,641	1,991	114	1,135
<15	5	0	2	0	3	0	0	0	0	0	5	0	2	0	3
15-17	82	15	33	1	33	2	1	0	0	1	80	14	33	1	32
18-19	340	95	128	6	111	24	12	3	1	8	316	83	125	5	103
20-24	1,829	660	667	52	450	368	201	46	23	98	1,461	459	621	29	352
25-29	2,877	1,392	776	167	542	1,491	917	217	138	219	1,386	475	559	29	323
30-34	3,201	1,797	733	266	405	2,205	1,429	314	243	219	996	368	419	23	186
35-39	1,685	843	442	164	236	1,153	646	234	142	131	532	197	208	22	105
40+	370	164	89	50	67	265	119	65	45	36	105	45	24	5	31
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent	2,066	1,097	647	93	229	1,119	723	225	65	106	947	374	422	28	123
<15	2	0	1	0	1	0	0	0	0	0	2	0	1	0	1
15-17	13	4	5	0	4	0	0	0	0	0	13	4	5	0	4
18-19	72	32	29	1	10	6	3	2	0	1	66	29	27	1	9
20-24	444	202	170	15	57	134	93	18	7	16	310	109	152	8	41
25-29	623	347	176	24	76	353	239	62	16	36	270	108	114	8	40
30-34	591	349	165	25	52	415	274	84	21	36	176	75	81	4	16
35-39	273	143	87	22	21	181	101	50	15	15	92	42	37	7	6
40+	48	20	14	6	8	30	13	9	6	2	18	7	5	0	6
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Castle	6,027	2,608	1,844	548	1,027	3,330	1,873	562	483	412	2,697	735	1,282	65	615
<15	2	0	1	0	1	0	0	0	0	0	2	0	1	0	1
15-17	40	4	21	1	14	1	1	0	0	0	39	3	21	1	14
18-19	145	25	75	3	42	8	4	0	1	3	137	21	75	2	39
20-24	899	230	395	30	244	138	52	22	15	49	761	178	373	15	195
25-29	1,585	670	484	128	303	802	446	121	114	121	783	224	363	14	182
30-34	1,989	1,048	490	224	227	1,406	871	197	208	130	583	177	293	16	97
35-39	1,110	522	309	123	156	781	417	167	111	86	329	105	142	12	70
40+	257	109	69	39	40	194	82	55	34	23	63	27	14	5	17
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilmington	814	175	438	36	165	244	115	66	21	42	570	60	372	15	123
<15	2	0	1	0	1	0	0	0	0	0	2	0	1	0	1
15-17	15	1	9	0	5	1	1	0	0	0	14	0	9	0	5
18-19	36	3	23	0	10	0	0	0	0	0	36	3	23	0	10
20-24	171	16	109	5	41	13	2	4	1	6	158	14	105	4	35
25-29	206	35	128	5	38	48	21	18	1	8	158	14	110	4	30
30-34	223	80	100	7	36	107	62	24	5	16	116	18	76	2	20
35-39	132	32	59	11	30	56	23	15	8	10	76	9	44	3	20
40+	29	8	9	8	4	19	6	5	6	2	10	2	4	2	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,213	2,433	1,406	512	862	3,086	1,758	496	462	370	2,127	675	910	50	492
<15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17	25	3	12	1	9	0	0	0	0	0	25	3	12	1	9
18-19	109	22	52	3	32	8	4	0	1	3	101	18	52	2	29
20-24	728	214	286	25	203	125	50	18	14	43	603	164	268	11	160
25-29	1,379	635	356	123	265	754	425	103	113	113	625	210	253	10	152
30-34	1,766	968	390	217	191	1,299	809	173	203	114	467	159	217	14	77
35-39	978	490	250	112	126	725	394	152	103	76	253	96	98	9	50
40+	228	101	60	31	36	175	76	50	28	21	53	25	10	3	15
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sussex	2,296	1,261	379	65	591	1,059	729	92	44	194	1,237	532	287	21	397
<15	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
15-17	29	7	7	0	15	1	0	0	0	1	28	7	7	0	14
18-19	123	38	24	2	59	10	5	1	0	4	113	33	23	2	55
20-24	486	228	102	7	149	96	56	6	1	33	390	172	96	6	116
25-29	669	375	116	15	163	336	232	34	8	62	333	143	82	7	101
30-34	621	400	78	17	126	384	284	33	14	53	237	116	45	3	73
35-39	302	178	46	19	59	191	128	17	16	30	111	50	29	3	29
40+	65	35	6	5	19	41	24	1	5	11	24	11	5	0	8
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, AGE OF MOTHER, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Birth Order	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,389	5	82	340	1,829	2,877	3,201	1,685	370	0
First	4,136	5	76	300	1,108	1,194	1,033	351	69	0
Second	3,323	0	5	37	521	961	1,133	561	105	0
Third	1,654	0	0	2	149	466	586	374	77	0
Fourth+	1,248	0	0	0	45	250	445	390	118	0
Unknown	28	0	1	1	6	6	4	9	1	0
Kent	2,066	2	13	72	444	623	591	273	48	0
First	788	2	12	68	276	225	162	39	4	0
Second	652	0	1	4	129	220	197	84	17	0
Third	334	0	0	0	30	107	121	66	10	0
Fourth+	289	0	0	0	8	69	111	84	17	0
Unknown	3	0	0	0	1	2	0	0	0	0
New Castle	6,027	2	40	145	899	1,585	1,989	1,110	257	0
First	2,482	2	36	131	559	737	715	251	51	0
Second	1,941	0	3	11	248	504	716	384	75	0
Third	935	0	0	2	69	226	331	249	58	0
Fourth+	645	0	0	0	19	114	223	217	72	0
Unknown	24	0	1	1	4	4	4	9	1	0
Wilmington	814	2	15	36	171	206	223	132	29	0
First	296	2	12	32	94	53	70	27	6	0
Second	238	0	2	4	47	66	67	42	10	0
Third	130	0	0	0	20	42	42	21	5	0
Fourth+	146	0	0	0	10	45	43	41	7	0
Unknown	4	0	1	0	0	0	1	1	1	0
Balance of NC County	5,213	0	25	109	728	1,379	1,766	978	228	0
First	2,186	0	24	99	465	684	645	224	45	0
Second	1,703	0	1	7	201	438	649	342	65	0
Third	805	0	0	2	49	184	289	228	53	0
Fourth+	499	0	0	0	9	69	180	176	65	0
Unknown	20	0	0	1	4	4	3	8	0	0
Sussex	2,296	1	29	123	486	669	621	302	65	0
First	866	1	28	101	273	232	156	61	14	0
Second	730	0	1	22	144	237	220	93	13	0
Third	385	0	0	0	50	133	134	59	9	0
Fourth+	314	0	0	0	18	67	111	89	29	0
Unknown	1	0	0	0	1	0	0	0	0	0

Note:

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

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

TABLE C-19. NUMBER AND PERCENTAGE OF LIVE BIRTHS BY LIVE BIRTH ORDER, RACE AND HISPANIC ORIGIN OF MOTHER, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Birth Order	Total		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,389	100	4,966	100	2,870	100	706	100	1,847	100
First	4,136	40	2,131	43	1,059	37	305	43	641	35
Second	3,323	32	1,671	34	843	29	256	36	553	30
Third	1,654	16	719	14	492	17	91	13	352	19
Fourth+	1,248	12	437	9	463	16	49	7	299	16
Unknown	28	0	8	0	13	0	5	1	2	0
Kent	2,066	100	1,097	100	647	100	93	100	229	100
First	788	38	435	40	226	35	36	39	91	40
Second	652	32	358	33	202	31	22	24	70	31
Third	334	16	173	16	114	18	18	19	29	13
Fourth+	289	14	130	12	104	16	16	17	39	17
Unknown	3	0	1	0	1	0	1	1	0	0
New Castle	6,027	100	2,608	100	1,844	100	548	100	1,027	100
First	2,482	41	1,159	44	706	38	247	45	370	36
Second	1,941	32	908	35	520	28	207	38	306	30
Third	935	16	349	13	320	17	64	12	202	20
Fourth+	645	11	185	7	286	16	26	5	148	14
Unknown	24	0	7	0	12	1	4	1	1	0
Wilmington	814	100	175	100	438	100	36	100	165	100
First	296	36	92	53	133	30	15	42	56	34
Second	238	29	51	29	129	29	10	28	48	29
Third	130	16	21	12	77	18	7	19	25	15
Fourth+	146	18	10	6	96	22	4	11	36	22
Unknown	4	0	1	1	3	1	0	0	0	0
Balance of NC County	5,213	100	2,433	100	1,406	100	512	100	862	100
First	2,186	42	1,067	44	573	41	232	45	314	36
Second	1,703	33	857	35	391	28	197	38	258	30
Third	805	15	328	13	243	17	57	11	177	21
Fourth+	499	10	175	7	190	14	22	4	112	13
Unknown	20	0	6	0	9	1	4	1	1	0
Sussex	2,296	100	1,261	100	379	100	65	100	591	100
First	866	38	537	43	127	34	22	34	180	30
Second	730	32	405	32	121	32	27	42	177	30
Third	385	17	197	16	58	15	9	14	121	20
Fourth+	314	14	122	10	73	19	7	11	112	19
Unknown	1	0	0	0	0	0	0	0	1	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, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Plurality	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,389	5	82	340	1,829	2,877	3,201	1,685	370	0
Single	10,069	5	80	334	1,789	2,787	3,100	1,614	360	0
Plural	320	0	2	6	40	90	101	71	10	0
Kent	2,066	2	13	72	444	623	591	273	48	0
Single	1,992	2	11	72	436	593	575	257	46	0
Plural	74	0	2	0	8	30	16	16	2	0
New Castle	6,027	2	40	145	899	1,585	1,989	1,110	257	0
Single	5,841	2	40	141	875	1,537	1,920	1,075	251	0
Plural	186	0	0	4	24	48	69	35	6	0
Wilmington	814	2	15	36	171	206	223	132	29	0
Single	786	2	15	34	163	192	223	128	29	0
Plural	28	0	0	2	8	14	0	4	0	0
Balance of NC County	5,213	0	25	109	728	1,379	1,766	978	228	0
Single	5,055	0	25	107	712	1,345	1,697	947	222	0
Plural	158	0	0	2	16	34	69	31	6	0
Sussex	2,296	1	29	123	486	669	621	302	65	0
Single	2,236	1	29	121	478	657	605	282	63	0
Plural	60	0	0	2	8	12	16	20	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 PERCENTAGE OF LIVE BIRTHS BY PLURALITY, RACE AND HISPANIC ORIGIN OF MOTHER, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Plurality	Total		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,389	100	4,966	100	2,870	100	706	100	1,847	100
Single	10,069	97	4,816	97	2,754	96	688	97	1,811	98
Plural	320	3	150	3	116	4	18	3	36	2
Kent	2,066	100	1,097	100	647	100	93	100	229	100
Single	1,992	96	1,057	96	621	96	91	98	223	97
Plural	74	4	40	4	26	4	2	2	6	3
New Castle	6,027	100	2,608	100	1,844	100	548	100	1,027	100
Single	5,841	97	2,538	97	1,760	95	538	98	1,005	98
Plural	186	3	70	3	84	5	10	2	22	2
Wilmington	814	100	175	100	438	100	36	100	165	100
Single	786	97	171	98	418	95	36	100	161	98
Plural	28	3	4	2	20	5	0	0	4	2
Balance of NC County	5,213	100	2,433	100	1,406	100	512	100	862	100
Single	5,055	97	2,367	97	1,342	95	502	98	844	98
Plural	158	3	66	3	64	5	10	2	18	2
Sussex	2,296	100	1,261	100	379	100	65	100	591	100
Single	2,236	97	1,221	97	373	98	59	91	583	99
Plural	60	3	40	3	6	2	6	9	8	1

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 PERCENTAGE OF LIVE BIRTHS BY PLACE OF BIRTH, TYPE OF FACILITY, AND RESIDENCE STATUS, DELAWARE, 2021

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	605	6	629	6	24	2
Bayhealth Hospital Kent Campus	1,608	15	1,637	15	29	3
ChristianaCare	5,416	52	6,204	57	788	80
Bayhealth Hospital Sussex Campus	530	5	542	5	12	1
TidalHealth Nanticoke	840	8	863	8	23	2
St. Francis	587	6	616	6	29	3
A.I.DuPont	22	0	42	0	20	2
Total	9,608	92	10,533	97	925	94
BIRTHING CENTER	171	2	232	2	61	6
HOME BIRTH	103	1	106	1	3	0
ENROUTE/OTHER	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0
TOTAL	9,882	95	10,871	100	989	100
OUT-OF-STATE						
HOSPITAL						
Crozier Med. Center, PA	0	0	N/A		N/A	
Peninsula General, MD	0	0	N/A		N/A	
Riddle Memorial, PA	0	0	N/A		N/A	
Other Hospitals	504	5	N/A		N/A	
Total	504	5	N/A		N/A	
BIRTHING CENTER	0	0	N/A		N/A	
HOME BIRTH	0	0	N/A		N/A	
ENROUTE/OTHER	0	0	N/A		N/A	
UNKNOWN	3	0	N/A		N/A	
TOTAL	507	5	N/A		N/A	
TOTAL	10,389	100	10,871	100	989	100

Notes:

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

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

TABLE C-23. FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS(<2,500 GRAMS) BY AGE OF MOTHER, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

ALL RACES

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	8.0	8.1	8.2	8.2	8.2	8.3
<20	9.9	9.9	9.8	9.7	9.6	9.5	9.5	9.4	9.5	9.6	9.7	9.9	10.0	10.1
20-24	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.5	8.6	8.7
25-29	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.4	7.5	7.6	7.7	7.7	7.8
30+	8.2	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.2	8.2	8.2	8.3	8.3
Delaware	9.1	9.0	8.9	8.8	8.6	8.5	8.5	8.5	8.6	8.8	8.9	9.1	9.1	9.1
<20	11.3	11.1	10.5	10.4	10.1	9.8	9.9	9.6	9.0	9.1	9.4	9.4	10.0	10.6
20-24	9.5	9.4	9.3	9.0	8.7	8.8	8.9	8.9	9.3	9.4	9.8	10.1	9.8	9.3
25-29	8.1	8.0	8.0	8.1	8.1	8.2	8.3	8.3	8.3	8.5	8.6	8.6	8.7	8.8
30+	9.0	9.0	8.9	8.7	8.5	8.4	8.1	8.4	8.5	8.7	8.7	9.1	9.0	9.1
Kent	9.0	8.8	8.6	8.5	8.3	8.5	8.6	8.9	9.1	9.2	9.2	9.2	9.0	9.1
<20	11.0	11.8	10.3	10.4	9.8	10.4	10.9	10.3	9.6	9.8	9.4	7.5	8.9	9.3
20-24	9.2	8.2	8.5	8.2	7.7	7.9	8.6	8.6	9.1	9.5	10.2	10.2	9.9	9.4
25-29	7.7	7.9	7.9	8.0	8.2	8.2	8.4	8.5	9.0	8.9	8.7	8.5	8.0	8.5
30+	9.4	9.3	9.0	8.9	8.7	8.8	8.4	9.1	9.1	9.1	9.0	9.4	9.4	9.4
New Castle	9.6	9.5	9.4	9.1	8.9	8.9	8.7	8.8	8.9	9.0	9.0	9.3	9.2	9.3
<20	12.7	12.0	11.2	11.0	10.3	10.1	10.2	9.8	9.2	9.4	9.4	10.4	11.3	12.2
20-24	10.4	10.5	10.2	9.8	9.7	9.8	9.7	9.9	10.0	9.9	9.9	10.2	10.0	9.9
25-29	8.4	8.5	8.4	8.5	8.4	8.5	8.4	8.4	8.3	8.7	8.9	9.0	9.1	9.1
30+	9.2	9.1	9.1	8.7	8.5	8.4	8.3	8.4	8.7	8.8	8.7	9.0	8.9	9.0
Wilmington	13.4	13.5	13.2	12.6	12.3	12.3	11.8	12.0	12.2	12.2	12.2	13.0	12.3	13.1
<20	14.5	14.6	14.3	12.7	12.1	13.2	12.7	11.7	12.0	12.2	9.7	10.9	11.0	12.3
20-24	13.6	13.9	13.5	13.0	13.6	14.1	13.6	14.1	14.3	13.1	12.4	13.0	11.9	12.1
25-29	13.2	13.7	13.7	12.8	11.9	11.4	10.7	10.6	10.8	11.6	12.2	12.9	12.5	13.6
30+	12.7	12.2	11.8	12.0	11.5	11.4	11.1	11.8	11.8	12.1	12.5	13.5	12.7	13.5
Balance of NC County	8.8	8.6	8.5	8.4	8.2	8.2	8.2	8.2	8.3	8.4	8.5	8.6	8.7	8.7
<20	11.7	10.7	9.8	10.3	9.5	8.7	9.1	9.0	8.1	8.3	9.3	10.2	11.5	12.1
20-24	9.3	9.4	9.2	8.9	8.6	8.7	8.7	8.8	8.9	9.1	9.3	9.5	9.5	9.3
25-29	7.6	7.5	7.5	7.7	7.7	8.0	8.0	8.1	7.9	8.2	8.3	8.4	8.6	8.4
30+	8.8	8.6	8.7	8.3	8.0	8.0	7.9	7.9	8.3	8.3	8.2	8.4	8.4	8.4
Sussex	7.7	7.8	7.9	7.9	7.9	7.6	7.5	7.5	7.5	7.9	8.3	8.8	8.7	8.5
<20	8.4	8.7	8.9	9.0	10.0	8.7	8.4	8.7	8.1	7.8	9.3	9.0	8.6	9.1
20-24	8.0	8.1	8.2	8.0	7.6	7.6	7.4	7.1	7.7	8.1	9.0	9.7	9.1	8.0
25-29	7.2	6.9	7.0	7.1	7.1	7.2	7.8	7.5	7.6	7.8	7.9	7.7	8.1	8.0
30+	7.6	8.1	8.2	8.2	8.3	7.7	7.2	7.5	7.3	7.8	8.1	9.0	9.0	9.0

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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

NON-HISPANIC WHITE

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9
<20	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.3	8.4	8.5	8.6	8.8	8.8	9.0
20-24	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.2	7.2	7.3	7.3
25-29	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.5	6.5	6.5	6.5	6.5
30+	7.4	7.4	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9
Delaware	7.4	7.3	7.3	7.0	7.0	6.9	6.9	6.9	7.1	7.0	7.1	7.3	7.1	7.1
<20	9.2	8.8	8.0	7.7	7.9	7.3	7.5	7.9	7.8	7.1	8.2	8.1	8.0	8.1
20-24	7.7	7.7	7.7	7.4	7.2	7.1	7.0	6.7	6.9	7.2	7.8	7.9	7.9	7.4
25-29	6.5	6.6	6.6	6.5	6.6	6.7	6.8	6.8	6.9	6.7	6.7	6.6	6.5	6.6
30+	7.5	7.3	7.4	7.1	7.0	7.0	6.8	7.0	7.2	7.2	7.1	7.5	7.2	7.2
Kent	7.5	7.2	7.3	7.1	7.1	7.3	7.5	7.7	7.7	7.6	7.5	7.4	7.1	7.6
<20	9.8	9.8	8.3	8.2	7.2	7.0	8.6	9.0	9.6	8.7	9.5	6.6	7.3	5.5
20-24	7.6	7.0	7.6	6.6	6.2	6.1	6.6	6.2	6.7	7.1	7.8	7.4	7.2	6.8
25-29	6.1	6.2	6.4	6.6	7.0	7.3	7.5	7.6	7.8	7.1	6.8	6.4	6.0	6.8
30+	8.2	7.9	7.8	7.7	7.8	8.2	7.9	8.7	8.1	8.1	7.9	8.2	8.0	8.6
New Castle	7.5	7.3	7.2	6.9	6.8	6.8	6.7	6.7	6.9	6.8	6.8	6.9	6.8	6.6
<20	9.8	9.0	7.7	7.4	7.7	7.1	7.4	7.6	8.2	7.8	9.1	9.4	9.2	9.5
20-24	7.9	8.0	7.8	7.8	7.7	8.0	7.7	7.4	7.1	7.2	7.3	7.1	7.5	7.5
25-29	6.8	7.0	6.8	6.5	6.4	6.5	6.2	6.1	6.3	6.2	6.3	6.5	6.7	6.4
30+	7.5	7.1	7.1	6.7	6.6	6.6	6.6	6.7	7.1	7.0	6.9	7.0	6.6	6.5
Wilmington	6.6	6.4	7.2	7.1	7.3	8.0	7.7	7.8	7.9	8.2	7.7	8.0	7.2	8.1
<20	3.4	5.1	8.9	7.9	9.0	12.9	10.8	10.0	11.5	12.8	9.1	11.5	10.0	10.5
20-24	7.1	9.6	11.7	10.8	11.1	14.4	13.8	11.6	12.6	12.2	8.4	5.6	3.3	1.2
25-29	6.4	5.7	6.8	5.1	5.5	4.7	5.4	5.0	5.8	6.7	7.3	7.9	7.1	8.3
30+	6.8	6.0	6.0	7.0	7.1	7.5	7.3	8.2	7.8	7.9	7.7	8.3	7.6	8.9
Balance of NC County	7.5	7.4	7.2	6.8	6.7	6.7	6.6	6.6	6.8	6.7	6.7	6.8	6.7	6.5
<20	10.2	9.2	7.7	7.3	7.6	6.6	7.0	7.3	7.9	7.2	9.1	9.2	9.2	9.4
20-24	7.9	7.9	7.5	7.5	7.4	7.5	7.3	7.1	6.8	6.9	7.2	7.2	7.8	8.0
25-29	6.9	7.1	6.8	6.6	6.5	6.6	6.3	6.2	6.3	6.2	6.2	6.5	6.7	6.3
30+	7.5	7.2	7.2	6.7	6.6	6.5	6.6	6.6	7.1	6.9	6.8	6.9	6.5	6.3
Sussex	7.1	7.3	7.4	7.4	7.4	7.0	6.8	6.8	6.8	7.0	7.5	8.1	7.9	7.5
<20	7.5	7.8	8.2	7.9	8.7	7.7	6.9	7.4	5.9	4.9	6.0	7.7	7.1	8.6
20-24	7.7	7.9	7.8	7.8	7.4	6.8	6.3	6.1	6.8	7.2	8.7	9.3	9.1	7.8
25-29	6.3	6.2	6.4	6.4	6.5	6.6	7.4	7.4	7.6	7.2	7.3	6.8	6.7	6.7
30+	7.2	7.7	7.8	8.0	7.8	7.2	6.5	6.6	6.4	7.0	7.2	8.6	8.3	7.9

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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

NON-HISPANIC BLACK

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	13.8	13.8	13.7	13.6	13.5	13.3	13.2	13.2	13.2	13.3	13.5	13.7	13.9	14.1
<20	14.4	14.3	14.1	14.0	13.8	13.7	13.6	13.6	13.7	13.8	14.1	14.3	14.6	15.0
20-24	13.5	13.5	13.4	13.3	13.2	13.1	13.1	13.0	13.1	13.2	13.4	13.6	13.8	14.1
25-29	13.1	13.1	13.1	12.9	12.8	12.7	12.5	12.5	12.6	12.7	12.9	13.1	13.3	13.5
30+	14.6	14.6	14.4	14.3	14.1	14.0	13.9	13.8	13.8	13.9	14.0	14.1	14.2	14.4
Delaware	14.0	13.9	13.6	13.2	12.9	12.9	12.7	12.6	12.7	13.2	13.3	13.7	13.7	13.7
<20	14.8	15.0	14.4	14.5	13.8	13.4	13.2	12.0	10.6	11.2	11.0	11.5	13.6	14.7
20-24	13.6	13.4	12.8	12.3	12.2	12.5	12.4	12.7	13.3	13.3	13.2	13.9	13.3	12.8
25-29	12.8	12.7	12.9	13.1	12.8	13.0	12.9	12.8	12.7	13.4	13.4	13.5	13.3	13.4
30+	15.1	14.8	14.7	13.7	13.1	12.9	12.5	12.7	12.9	13.4	13.8	14.2	14.3	14.3
Kent	12.7	12.6	12.0	11.8	11.3	11.7	11.5	11.7	12.4	12.6	12.7	12.9	12.7	12.4
<20	12.6	14.2	13.2	14.3	13.8	14.9	14.0	12.0	9.3	11.7	10.2	8.8	12.4	13.7
20-24	12.1	10.9	10.8	11.1	10.8	11.9	12.6	12.7	13.6	13.7	13.8	14.2	13.7	13.4
25-29	11.5	11.5	11.0	10.3	10.4	10.5	10.9	12.0	12.9	13.0	13.0	12.8	11.4	12.0
30+	14.9	15.4	14.0	13.0	11.8	11.2	9.9	10.4	11.7	11.4	12.0	12.9	13.2	11.9
New Castle	14.6	14.5	14.3	13.8	13.2	13.3	13.1	13.2	13.1	13.6	13.7	14.1	14.0	14.0
<20	16.2	15.8	14.9	14.5	13.2	12.8	13.0	12.1	10.7	11.0	10.3	11.9	14.3	16.2
20-24	14.4	14.8	14.0	13.1	12.9	12.9	12.6	13.2	13.7	13.6	13.5	13.9	13.2	12.7
25-29	12.9	12.9	13.3	13.8	13.4	13.8	13.5	13.2	12.8	13.5	13.6	13.8	13.8	13.7
30+	15.4	15.0	15.1	14.1	13.5	13.5	13.2	13.4	13.5	14.2	14.5	14.8	14.5	14.7
Wilmington	16.7	16.9	16.2	15.7	14.8	15.1	14.6	14.9	14.9	15.4	15.2	15.8	15.2	15.8
<20	15.6	15.8	15.0	13.9	12.7	14.1	14.1	12.8	12.5	13.2	10.6	11.5	11.4	13.9
20-24	15.9	16.4	15.3	14.9	15.0	15.2	14.3	15.3	15.4	14.6	14.1	15.1	14.0	14.3
25-29	17.3	17.8	17.7	17.3	15.6	15.5	14.3	13.5	13.4	14.3	14.6	15.2	15.4	15.8
30+	18.8	18.1	17.2	16.6	15.3	15.3	15.5	16.8	16.8	18.1	18.3	18.5	17.2	17.6
Balance of NC County	13.3	13.0	13.1	12.8	12.4	12.5	12.4	12.4	12.3	12.9	13.1	13.3	13.5	13.4
<20	16.8	15.8	14.7	15.1	13.7	11.6	12.1	11.5	9.3	9.1	10.0	12.4	16.7	18.0
20-24	13.2	13.4	13.0	11.9	11.6	11.7	11.7	12.1	12.7	13.1	13.1	13.3	12.8	11.9
25-29	10.5	10.2	11.0	12.0	12.3	13.0	13.1	13.0	12.5	13.2	13.2	13.2	13.1	12.8
30+	14.3	13.9	14.3	13.3	12.9	12.8	12.5	12.3	12.5	13.1	13.4	13.6	13.8	13.9
Sussex	12.8	12.5	12.8	12.7	13.1	12.6	12.6	11.4	11.6	12.0	12.5	13.3	14.2	14.2
<20	12.8	13.2	14.1	14.7	16.3	14.1	13.1	11.5	11.7	11.4	14.2	13.3	13.2	11.7
20-24	12.3	11.5	11.2	11.2	11.6	11.9	11.8	10.7	11.6	11.4	11.5	13.4	13.3	12.1
25-29	14.2	13.8	13.9	14.1	13.5	13.1	13.0	12.0	11.7	13.3	12.7	13.4	14.2	14.5
30+	12.5	12.0	13.2	12.0	13.1	12.3	13.0	11.9	11.6	11.8	12.8	13.2	15.2	16.4

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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

HISPANIC ORIGIN*

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.2	7.3	7.4	7.5	7.6
<20	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	8.0	8.1	8.2	8.3	8.4	8.4
20-24	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.8	6.9	6.9	7.0	7.1	7.2
25-29	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.8
30+	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.6	7.6	7.7	7.8	7.9	8.0	8.1
Delaware	7.1	7.1	7.0	7.0	6.8	6.5	6.7	7.1	7.1	7.2	7.4	7.6	7.4	7.5
<20	7.6	7.5	6.9	7.0	7.0	7.3	7.8	8.5	8.4	8.5	8.6	7.9	7.0	7.6
20-24	7.0	6.6	6.9	6.8	5.9	5.5	6.0	6.6	6.6	6.8	7.5	7.7	7.0	6.7
25-29	6.7	6.4	6.1	6.1	6.1	5.8	6.1	6.2	6.5	7.2	7.7	7.8	7.9	7.7
30+	7.5	8.2	8.0	8.2	8.4	7.9	7.3	7.8	7.6	7.0	6.9	7.4	7.5	7.8
Kent	9.1	8.4	7.3	8.2	8.1	7.3	7.4	7.8	8.3	8.9	9.1	9.4	9.0	8.0
<20	7.8	8.8	7.6	6.5	7.5	7.9	8.1	7.4	8.0	6.5	6.1	6.6	4.1	7.7
20-24	10.0	7.7	7.4	8.3	7.8	6.4	6.4	7.4	7.1	7.7	10.0	10.7	10.0	8.2
25-29	9.8	9.9	7.8	9.3	8.9	8.5	7.3	7.3	8.9	11.3	10.1	10.6	10.5	8.4
30+	8.0	7.7	6.4	7.9	7.8	6.8	8.3	9.1	9.0	8.3	8.0	7.5	7.7	7.7
New Castle	8.0	7.9	7.8	7.9	7.7	7.4	7.5	7.7	7.5	7.1	7.2	7.6	7.5	7.8
<20	9.3	8.6	8.1	8.5	7.6	8.6	8.4	8.5	8.2	8.8	8.2	8.5	7.6	6.8
20-24	7.7	7.2	7.3	7.4	6.8	6.0	6.6	7.1	6.9	6.4	6.9	7.3	6.9	7.3
25-29	7.1	7.0	6.9	6.6	6.9	6.1	6.6	7.2	7.1	7.1	8.0	8.1	7.6	8.1
30+	8.4	9.0	9.1	9.3	9.2	9.3	8.5	8.3	8.0	7.1	6.7	7.2	7.6	8.1
Wilmington	9.8	9.7	9.9	8.8	10.2	9.2	8.8	9.1	10.2	7.7	8.1	9.5	8.4	9.3
<20	11.4	11.3	11.1	7.9	9.7	9.8	8.4	8.5	10.9	9.9	7.4	9.1	9.2	6.9
20-24	9.0	7.8	8.0	7.1	9.7	8.9	10.0	10.5	11.1	6.9	7.7	9.2	7.9	8.3
25-29	9.3	10.1	10.4	8.1	8.3	6.6	5.6	7.6	8.5	6.7	8.1	9.5	6.9	10.2
30+	10.3	11.0	11.5	12.7	14.0	12.5	10.9	9.5	10.5	8.5	8.6	9.9	10.1	10.0
Balance of NC County	7.5	7.4	7.2	7.6	7.0	6.9	7.1	7.4	6.9	7.0	7.1	7.2	7.3	7.6
<20	8.4	7.6	7.1	8.8	6.9	8.2	8.4	8.6	7.4	8.4	8.5	8.3	7.2	6.8
20-24	7.2	7.0	7.0	7.5	6.0	5.2	5.7	6.2	5.9	6.3	6.7	6.8	6.7	7.1
25-29	6.6	6.2	6.0	6.2	6.5	5.9	6.9	7.1	6.8	7.2	8.0	7.9	7.7	7.8
30+	8.0	8.7	8.6	8.6	8.4	8.7	8.0	8.1	7.6	6.9	6.3	6.8	7.3	7.9
Sussex	5.0	5.3	5.4	5.3	5.1	4.9	5.1	5.8	6.0	6.5	7.0	7.0	6.7	6.7
<20	4.5	4.8	4.3	4.3	5.5	4.1	6.3	8.8	8.9	8.9	9.9	7.6	6.9	8.4
20-24	4.9	5.3	6.2	5.5	4.0	4.4	4.6	5.3	5.7	6.9	7.3	7.1	5.6	5.1
25-29	5.1	4.3	4.1	4.4	4.0	4.4	5.0	4.3	4.6	5.5	5.8	5.8	7.0	6.7
30+	5.5	6.6	6.5	6.5	7.2	6.0	5.4	6.6	6.4	6.5	7.1	7.7	7.0	7.3

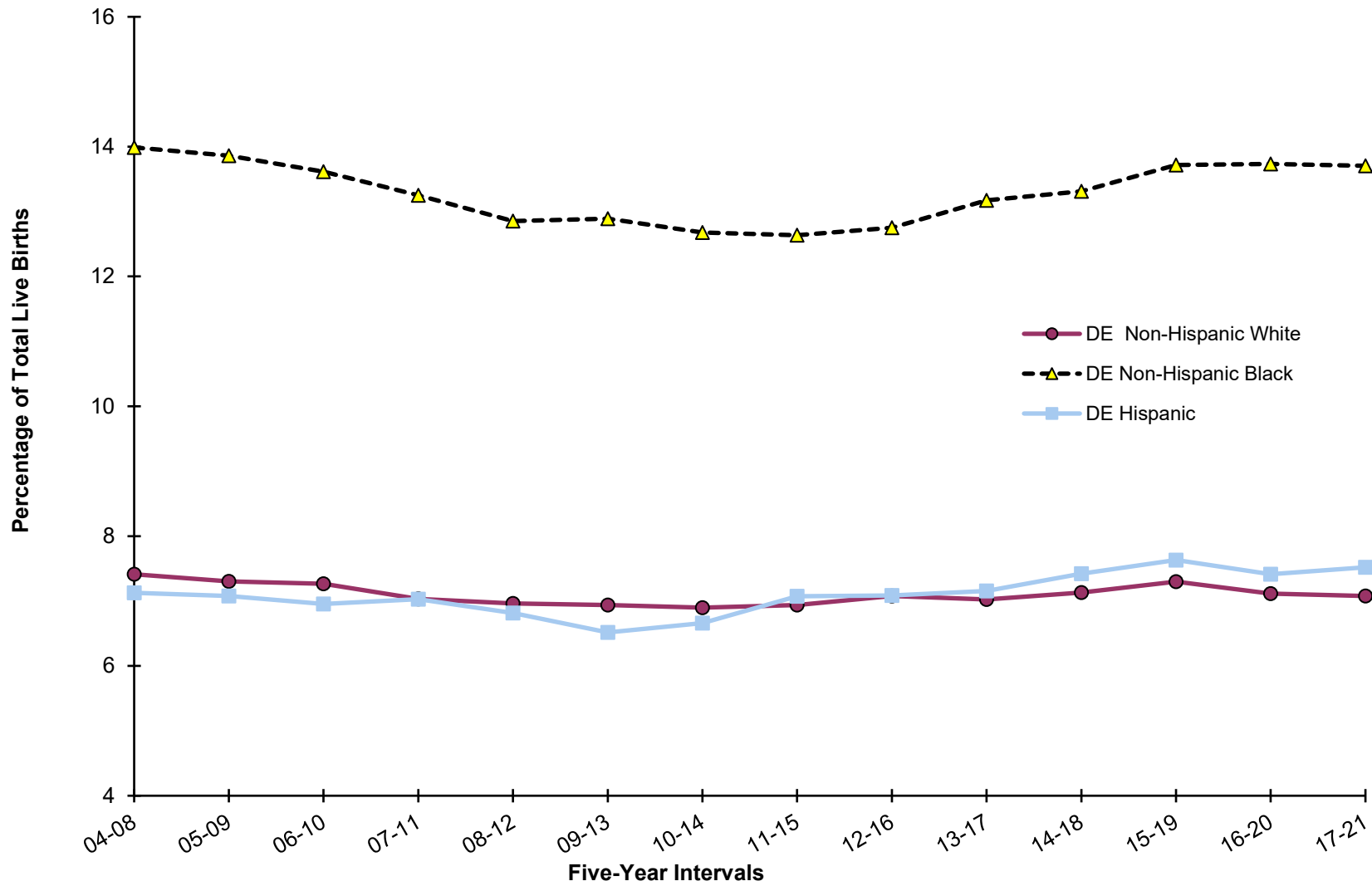
Notes:

*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

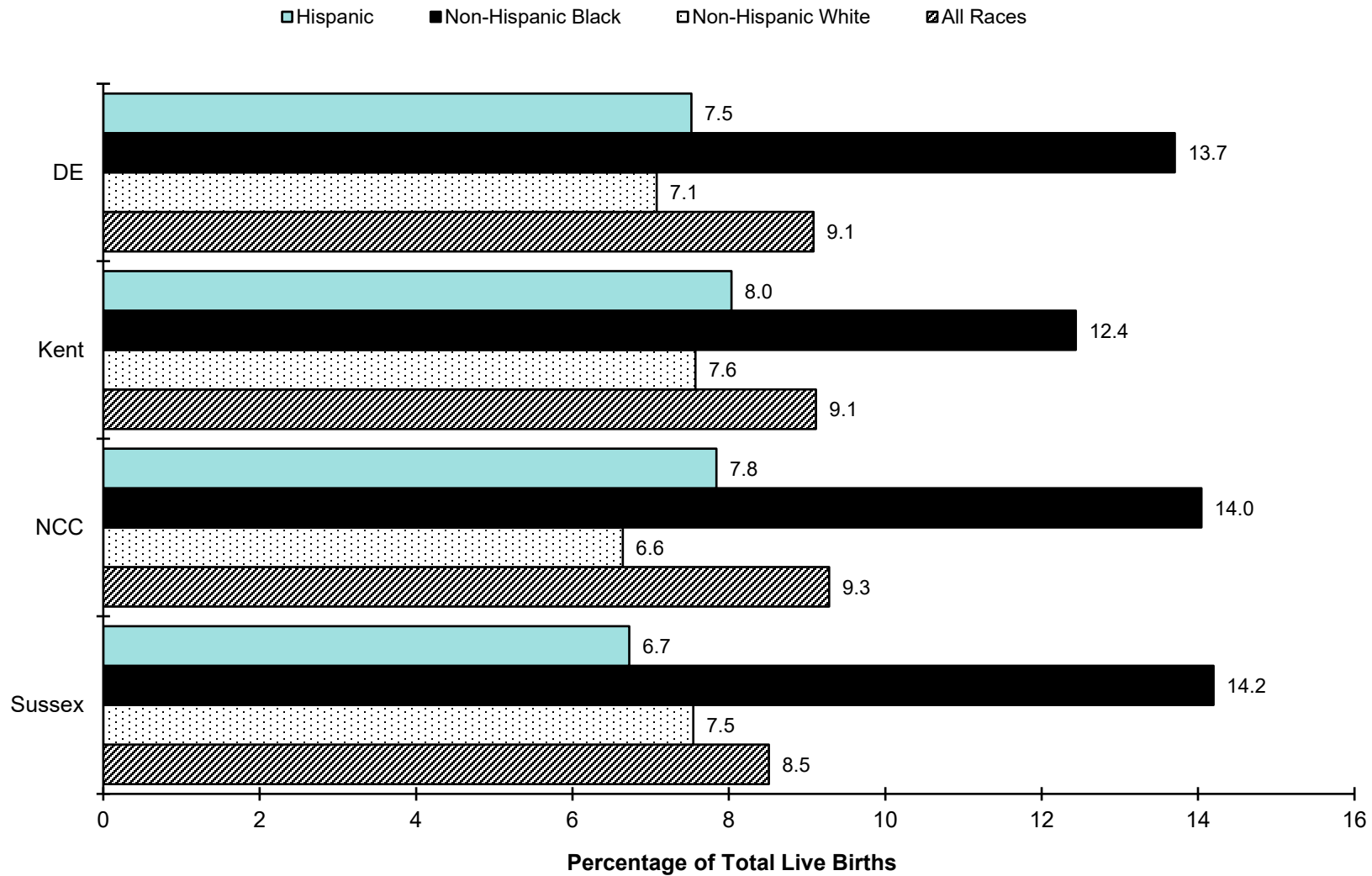
Figure C-11 Five-Year Average Percentage of Low Birthweight Births (<2500 Grams), by Race and Hispanic Origin*, Delaware, 2004-2021



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, 2017-2021



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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

ALL RACES

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<20	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	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	1.4	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	1.4	1.4	1.4	1.4	1.4	1.4
Delaware	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.7	1.6
<20	2.4	2.7	2.4	2.3	2.3	2.2	1.9	1.8	1.6	1.6	1.5	1.7	1.9	2.1
20-24	1.9	1.9	1.7	1.7	1.8	1.7	1.7	1.8	1.8	1.8	1.8	2.0	1.9	1.7
25-29	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.6
30+	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.7	1.6	1.6
Kent	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.7	1.7	1.7	1.7	1.6	1.6	1.6
<20	2.6	3.0	2.0	2.1	1.6	1.8	1.6	1.8	1.6	1.9	1.8	1.6	2.2	2.3
20-24	1.8	1.6	1.4	1.3	1.4	1.4	1.5	1.8	1.8	1.8	1.9	1.8	1.6	1.5
25-29	1.4	1.3	1.2	1.2	1.3	1.2	1.3	1.5	1.7	1.7	1.7	1.6	1.5	1.6
30+	1.7	1.9	1.7	1.8	1.7	1.7	1.5	1.7	1.7	1.6	1.5	1.6	1.7	1.7
New Castle	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.7
<20	2.7	2.8	2.5	2.3	2.4	2.3	2.0	1.8	1.5	1.4	1.4	2.1	2.2	2.4
20-24	2.2	2.3	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.0	2.2	2.2	2.0
25-29	1.7	1.8	1.9	2.0	2.1	2.0	2.1	2.1	2.1	1.9	2.1	2.0	1.9	1.7
30+	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.6	1.5
Wilmington	2.8	3.1	3.1	2.8	2.9	2.8	2.6	2.5	2.8	2.8	2.9	3.1	3.1	2.8
<20	3.0	3.2	3.2	2.3	2.7	2.2	2.0	1.9	2.2	2.1	1.7	1.7	1.9	2.0
20-24	2.7	2.8	2.4	2.4	2.7	2.9	2.9	3.0	3.1	3.0	3.0	3.1	3.1	2.6
25-29	3.3	3.2	3.5	3.1	2.9	2.7	2.5	2.5	2.8	3.0	3.6	3.8	3.4	3.0
30+	2.4	3.2	3.3	3.1	3.1	3.1	2.6	2.4	2.6	2.6	2.7	3.0	3.1	3.0
Balance of NC County	1.8	1.9	1.8	1.9	1.8	1.8	1.8	1.9	1.8	1.8	1.7	1.7	1.6	1.5
<20	2.6	2.6	2.1	2.3	2.3	2.3	2.1	1.8	1.2	1.2	1.3	2.2	2.4	2.6
20-24	2.0	2.1	2.0	2.0	1.9	1.8	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.8
25-29	1.4	1.5	1.7	1.8	1.9	1.9	2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.5
30+	1.9	1.9	1.8	1.7	1.7	1.8	1.8	1.9	1.8	1.8	1.6	1.6	1.4	1.4
Sussex	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.3	1.4	1.4	1.4
<20	1.7	2.2	2.4	2.3	2.5	2.2	1.9	1.7	1.8	1.6	1.4	1.2	1.2	1.3
20-24	1.3	1.3	1.3	1.4	1.5	1.5	1.3	1.2	1.3	1.4	1.5	1.8	1.7	1.3
25-29	1.6	1.3	1.2	1.0	0.8	1.1	1.3	1.2	1.3	1.5	1.3	1.2	1.3	1.3
30+	1.4	1.5	1.5	1.5	1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.6

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, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2004-2021

NON-HISPANIC WHITE

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
<20	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5
20-24	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
25-29	1.1	1.1	1.1	1.0	1.0	1.0	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	1.1	1.1	1.1	1.1	1.0	1.0	1.0
Delaware	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.1	1.0	1.0
<20	2.0	2.1	1.6	1.4	1.5	1.3	1.2	1.1	1.2	1.1	1.6	1.6	1.7	1.4
20-24	1.5	1.5	1.4	1.3	1.3	1.1	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.1
25-29	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.0	1.0	0.9	0.9
30+	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.1	1.1	1.0	0.9
Kent	1.2	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.3	1.2	1.1	1.1	1.1	1.1
<20	1.5	1.8	1.3	1.2	0.9	0.8	0.5	0.6	1.0	1.1	1.1	0.9	1.0	0.0
20-24	1.3	1.1	1.1	0.9	1.0	0.9	1.1	1.2	1.4	1.3	1.3	1.1	0.9	0.9
25-29	1.0	0.8	0.9	1.0	1.3	1.2	1.2	1.3	1.3	1.0	1.1	1.0	0.9	1.2
30+	1.2	1.3	1.1	1.2	1.1	1.1	1.0	1.2	1.3	1.2	1.1	1.2	1.3	1.3
New Castle	1.4	1.4	1.3	1.2	1.3	1.2	1.2	1.3	1.4	1.3	1.2	1.2	1.0	0.9
<20	2.3	2.1	1.1	1.1	1.3	0.9	0.9	1.1	1.4	1.1	2.3	2.6	2.4	2.6
20-24	1.8	1.9	1.7	1.5	1.5	1.3	1.3	1.3	1.5	1.4	1.2	1.2	1.4	1.3
25-29	1.2	1.3	1.4	1.2	1.3	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.1	0.9
30+	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.3	1.4	1.3	1.2	1.1	0.9	0.8
Wilmington	0.8	1.2	1.3	1.0	1.3	1.5	1.3	1.5	2.2	2.1	1.9	2.1	1.6	1.2
<20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	4.3	6.1	7.7	5.0	5.3
20-24	1.8	1.7	1.1	0.0	0.5	1.6	1.9	2.1	3.9	3.5	1.9	1.9	2.2	0.0
25-29	1.2	1.1	1.1	0.8	0.8	0.6	0.9	0.6	1.6	1.8	1.8	2.0	2.2	1.0
30+	0.4	1.1	1.6	1.4	1.9	2.1	1.5	1.7	2.1	2.0	1.7	1.9	1.2	1.3
Balance of NC County	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.2	1.1	1.1	1.0	0.9
<20	2.4	2.2	1.2	1.2	1.4	1.0	1.0	1.0	1.3	0.8	1.9	2.2	2.2	2.4
20-24	1.8	1.9	1.8	1.6	1.5	1.3	1.2	1.3	1.3	1.2	1.2	1.1	1.3	1.4
25-29	1.2	1.4	1.4	1.2	1.3	1.2	1.2	1.2	1.2	1.1	1.0	1.2	1.0	0.9
30+	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.3	1.4	1.2	1.2	1.1	0.8	0.7
Sussex	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.0	1.0
<20	2.0	2.5	2.6	2.2	2.2	2.2	1.9	1.5	1.0	1.1	1.0	0.8	1.3	1.4
20-24	1.2	1.2	1.2	1.3	1.4	1.2	1.0	0.9	1.1	1.2	1.3	1.7	1.5	1.1
25-29	1.2	1.1	1.1	0.9	0.6	1.0	1.3	1.3	1.4	1.4	0.9	0.8	0.8	0.7
30+	1.1	1.1	1.0	1.1	1.3	1.3	1.1	1.1	0.9	0.8	0.8	1.1	1.0	1.1

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, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2004-2021

NON-HISPANIC BLACK

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
<20	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8
20-24	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.7
25-29	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7
30+	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2
Delaware	3.5	3.6	3.4	3.4	3.3	3.3	3.2	3.2	3.0	3.1	3.1	3.2	3.1	3.0
<20	3.5	4.0	3.8	3.5	3.4	3.3	2.9	2.7	1.9	2.1	1.6	2.3	2.8	3.4
20-24	3.2	3.1	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.2	3.1	2.8
25-29	3.4	3.2	3.3	3.3	3.3	3.1	3.2	3.2	3.1	3.1	3.4	3.2	3.0	2.9
30+	4.0	4.3	4.2	4.1	3.7	3.8	3.6	3.5	3.4	3.6	3.3	3.4	3.3	3.2
Kent	3.3	3.2	2.6	2.5	2.3	2.4	2.3	2.7	2.8	3.0	3.0	2.9	2.8	2.7
<20	3.9	4.7	3.2	3.7	2.9	3.5	3.4	4.0	2.2	2.8	2.5	2.1	3.3	4.7
20-24	3.3	2.7	2.1	2.0	2.0	2.2	2.3	2.6	2.6	2.9	3.0	3.1	2.8	2.6
25-29	2.8	2.5	2.0	1.5	1.3	1.1	1.5	2.1	2.8	3.1	3.3	2.9	2.4	2.4
30+	3.4	4.0	3.6	3.6	3.5	3.4	2.6	2.8	3.1	2.9	2.7	3.0	3.0	2.7
New Castle	3.7	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.2	3.3	3.2	3.3	3.2	3.1
<20	3.7	4.0	3.9	3.4	3.3	3.2	2.9	2.4	1.6	1.9	1.4	2.5	3.0	3.7
20-24	3.3	3.5	3.1	3.2	3.2	3.1	3.0	3.1	2.9	2.9	2.9	3.2	3.0	2.8
25-29	3.5	3.4	3.8	4.0	4.0	3.8	3.9	3.9	3.5	3.2	3.6	3.3	3.1	2.9
30+	4.2	4.4	4.3	4.2	3.7	4.0	3.9	3.8	3.6	3.9	3.5	3.6	3.4	3.2
Wilmington	3.9	4.1	4.0	3.8	3.6	3.6	3.4	3.2	3.2	3.4	3.8	3.9	3.9	3.7
<20	3.5	3.9	3.9	2.7	2.9	2.7	2.4	2.0	2.0	2.2	1.3	1.4	1.8	2.4
20-24	3.2	3.3	2.9	3.0	3.3	3.3	3.4	3.6	3.3	3.3	3.7	3.7	3.4	3.3
25-29	4.9	4.5	4.9	4.6	4.2	3.9	3.7	3.6	3.6	3.8	4.7	4.8	4.1	3.7
30+	4.4	5.2	5.0	4.9	4.0	4.2	3.6	3.1	3.3	3.7	3.8	4.1	4.8	4.5
Balance of NC County	3.6	3.6	3.6	3.7	3.5	3.6	3.6	3.6	3.2	3.2	3.0	3.1	2.9	2.8
<20	4.0	4.0	3.9	4.1	3.6	3.7	3.3	2.8	1.4	1.7	1.4	3.5	4.0	4.7
20-24	3.4	3.6	3.3	3.3	3.1	3.1	2.9	2.8	2.7	2.7	2.4	2.9	2.8	2.5
25-29	2.8	2.7	3.2	3.6	3.9	3.7	4.0	4.0	3.4	3.0	3.1	2.7	2.7	2.6
30+	4.1	4.1	4.1	3.9	3.6	3.9	4.0	4.1	3.6	3.9	3.5	3.4	2.9	2.8
Sussex	3.0	3.0	3.1	3.0	3.3	3.0	2.9	2.3	2.6	2.7	2.7	3.0	3.3	3.3
<20	2.6	3.3	3.9	3.9	4.4	3.2	2.2	2.1	2.7	1.8	1.5	2.0	1.5	1.0
20-24	2.5	2.3	2.3	2.1	2.5	2.8	2.8	2.5	3.0	2.7	2.9	3.8	3.7	3.0
25-29	3.7	3.3	2.5	2.9	2.9	2.7	2.3	1.9	2.1	2.5	2.5	2.9	3.3	3.3
30+	3.6	3.8	4.9	4.2	4.2	3.4	3.9	2.7	2.5	3.2	3.0	2.6	3.4	4.3

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, COUNTY, AND CITY OF WILMINGTON, U.S. AND DELAWARE, 2004-2021

HISPANIC ORIGIN*

Area/ Age	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3
<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	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
25-29	1.0	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	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	1.1	1.2	1.1	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.4
<20	1.2	1.2	0.9	1.2	1.5	1.5	1.5	1.7	1.8	1.5	1.4	1.1	1.1	1.0
20-24	0.8	0.9	0.8	1.0	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.0
25-29	1.0	1.1	1.0	1.1	1.1	1.1	1.4	1.5	1.6	1.7	1.9	1.9	1.8	1.7
30+	1.6	1.7	1.5	1.8	1.9	1.7	1.7	1.8	1.4	1.4	1.4	1.4	1.4	1.5
Kent	1.5	1.6	1.1	1.7	1.7	1.5	1.8	2.0	1.8	1.7	1.4	1.4	1.4	1.1
<20	2.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.2	2.4	2.6	2.7	1.5
20-24	1.0	1.3	1.4	1.7	2.0	1.7	2.0	2.2	1.3	1.0	0.9	1.3	1.0	1.0
25-29	1.4	1.7	1.2	1.5	1.2	1.6	1.1	1.4	2.3	2.4	1.7	2.0	2.0	0.8
30+	1.9	1.7	1.4	2.8	2.6	1.8	3.0	3.0	1.8	1.4	1.2	0.6	0.8	1.2
New Castle	1.3	1.4	1.3	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.7	1.7	1.5
<20	1.5	1.4	1.3	1.7	2.2	2.1	1.7	1.8	1.3	1.1	0.8	0.9	0.9	0.3
20-24	1.0	1.1	0.9	0.9	0.8	0.9	0.9	1.1	1.5	1.6	1.8	1.9	2.0	1.4
25-29	1.1	1.2	1.3	1.6	1.7	1.6	2.0	2.2	1.9	2.0	2.3	2.3	1.8	1.9
30+	1.9	2.0	1.8	2.0	2.2	2.2	1.9	1.8	1.4	1.4	1.3	1.4	1.5	1.5
Wilmington	1.7	1.9	2.1	1.6	2.2	1.9	1.8	1.5	2.1	1.6	1.7	1.8	2.0	1.5
<20	1.9	1.5	1.7	1.2	2.8	1.5	1.7	1.9	3.3	1.1	1.2	1.3	1.3	0.0
20-24	1.5	1.6	1.7	1.3	1.2	1.7	1.3	1.0	1.9	1.9	1.4	1.9	2.5	1.5
25-29	1.7	2.1	2.5	1.2	1.7	1.3	0.9	1.0	1.5	1.0	1.5	2.0	1.5	2.0
30+	1.8	2.7	2.8	2.9	3.9	3.3	3.2	2.3	2.2	2.0	2.3	1.8	2.2	1.6
Balance of NC County	1.2	1.3	1.1	1.5	1.5	1.6	1.6	1.8	1.5	1.6	1.6	1.7	1.6	1.5
<20	1.3	1.4	1.1	1.9	2.0	2.3	1.7	1.8	0.7	1.0	0.7	0.8	0.8	0.4
20-24	0.8	0.9	0.6	0.8	0.7	0.6	0.8	1.1	1.4	1.5	1.9	1.9	1.8	1.4
25-29	0.9	1.0	1.0	1.7	1.7	1.7	2.3	2.4	2.0	2.2	2.4	2.3	1.9	1.9
30+	1.9	1.9	1.7	1.8	1.9	2.0	1.6	1.7	1.3	1.2	1.1	1.4	1.4	1.4
Sussex	0.6	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.0	1.1	1.3	1.2	1.1	1.3
<20	0.3	0.5	0.5	0.6	0.7	0.9	1.5	2.0	2.7	2.0	2.0	1.1	1.0	1.6
20-24	0.4	0.6	0.6	0.9	0.7	0.7	0.5	0.3	0.0	0.4	0.3	0.3	0.3	0.3
25-29	0.9	0.6	0.5	0.2	0.1	0.3	0.5	0.7	0.7	1.0	1.4	1.2	1.5	1.8
30+	0.9	1.0	1.0	1.1	1.3	1.0	1.0	1.4	1.3	1.3	1.5	1.7	1.3	1.5

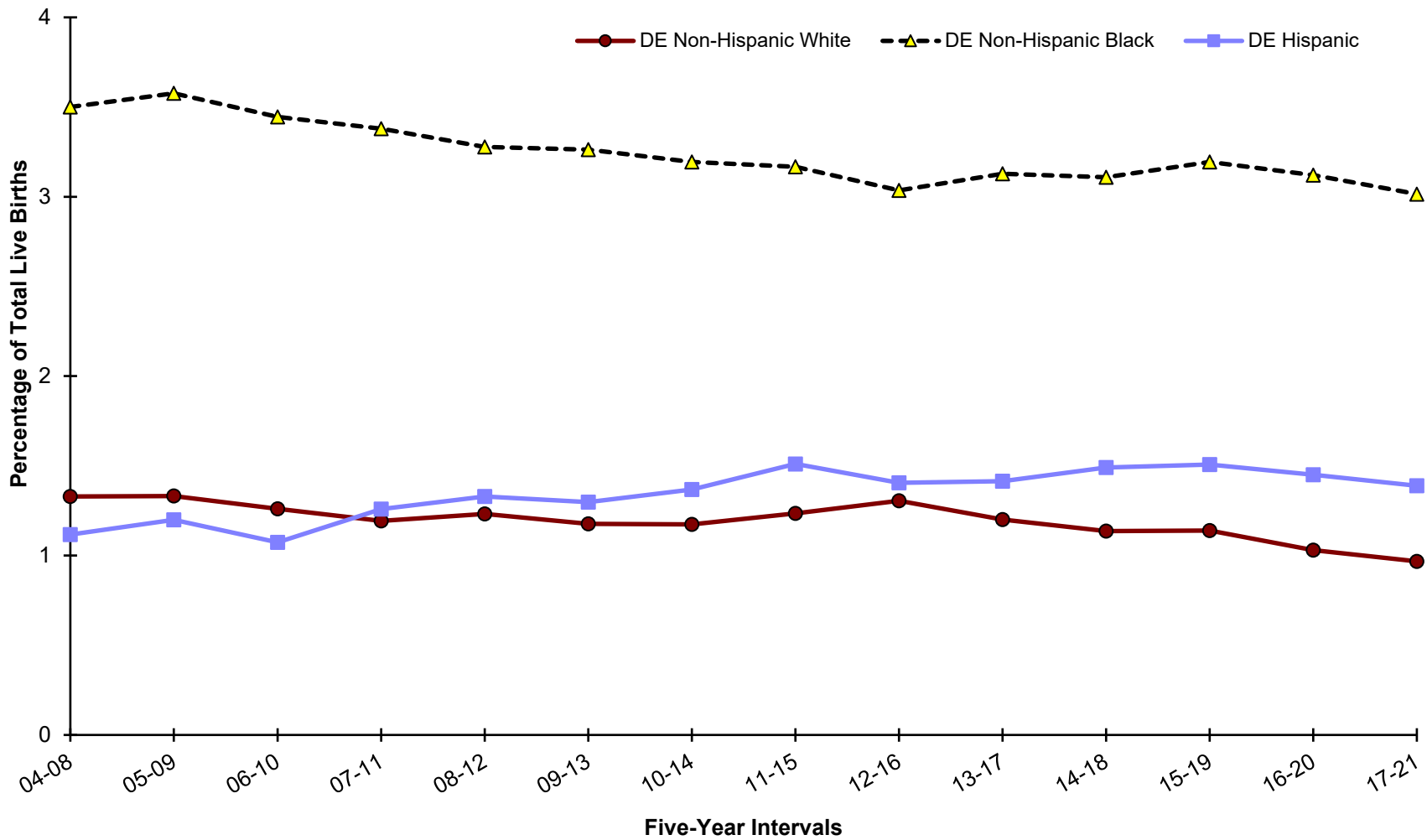
Notes:

*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

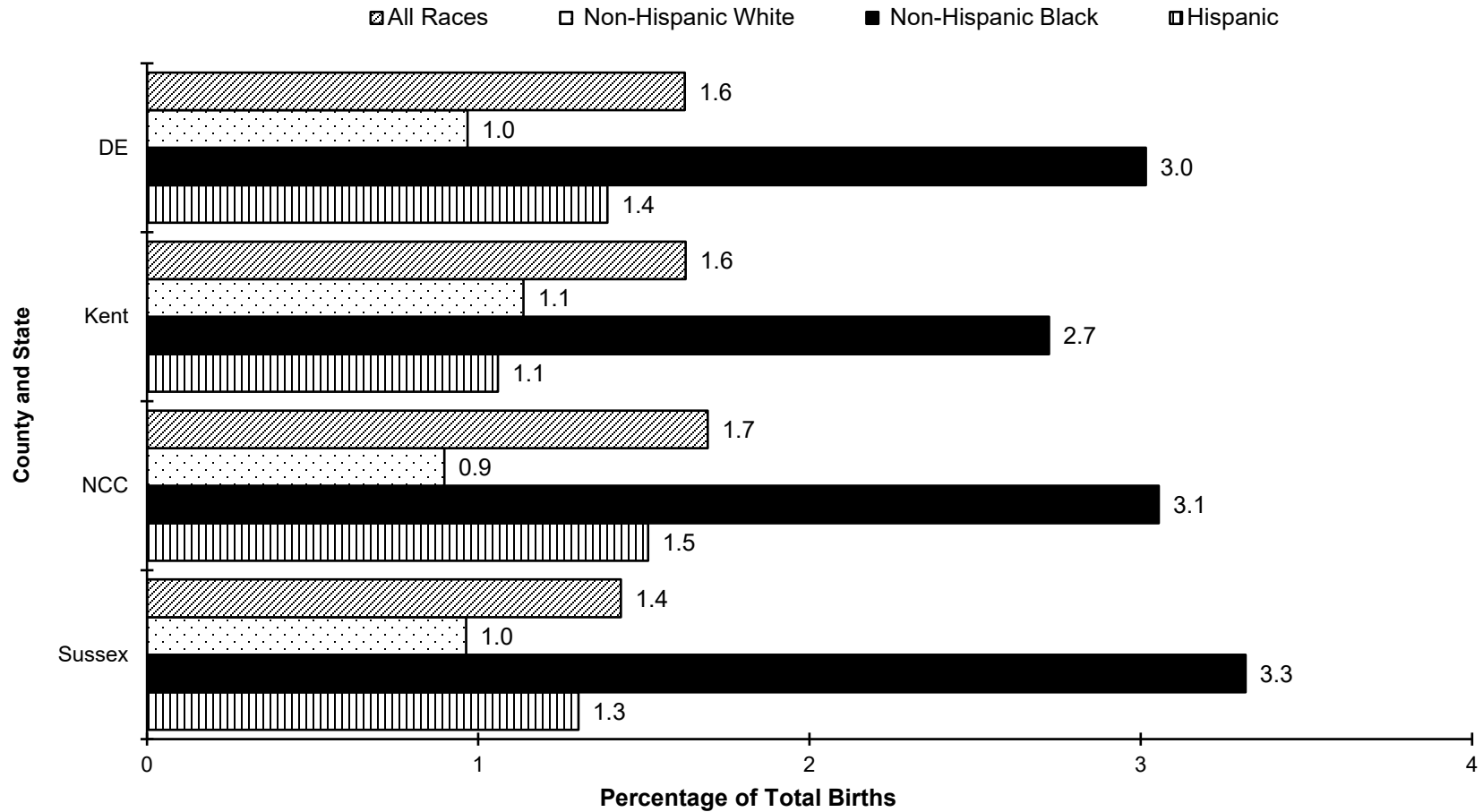
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-13. Five-Year Average Percentage of Very Low Birthweight Births (<1500 Grams), by Race and Hispanic Origin*, Delaware and Counties, 2004-2021



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, 2017-2021



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, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Birthweight	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,389	5	82	340	1,829	2,877	3,201	1,685	370	0
<2500	940	2	11	35	145	260	278	166	43	0
<1500	161	1	1	8	18	46	44	36	7	0
<500	18	0	0	0	1	9	3	4	1	0
500-749	22	0	0	2	5	6	5	4	0	0
750-999	20	0	1	0	3	4	4	7	1	0
1000-1499	101	1	0	6	9	27	32	21	5	0
1500-1999	202	0	2	8	27	50	70	34	11	0
2000-2499	577	1	8	19	100	164	164	96	25	0
2500+	9,445	3	71	305	1,683	2,616	2,922	1,519	326	0
Unknown	4	0	0	0	1	1	1	0	1	0
Kent	2,066	2	13	72	444	623	591	273	48	0
<2500	210	1	6	4	40	75	53	28	3	0
<1500	40	1	1	1	3	16	10	8	0	0
<500	5	0	0	0	0	3	1	1	0	0
500-749	5	0	0	0	1	3	1	0	0	0
750-999	7	0	1	0	0	2	1	3	0	0
1000-1499	23	1	0	1	2	8	7	4	0	0
1500-1999	59	0	2	1	10	16	19	9	2	0
2000-2499	111	0	3	2	27	43	24	11	1	0
2500+	1,853	1	7	68	403	548	537	245	44	0
Unknown	3	0	0	0	1	0	1	0	1	0
New Castle	6,027	2	40	145	899	1,585	1,989	1,110	257	0
<2500	560	0	3	20	77	131	184	113	32	0
<1500	86	0	0	3	14	20	25	18	6	0
<500	8	0	0	0	1	4	0	2	1	0
500-749	13	0	0	0	4	2	3	4	0	0
750-999	8	0	0	0	3	1	1	2	1	0
1000-1499	57	0	0	3	6	13	21	10	4	0
1500-1999	108	0	0	6	13	21	41	21	6	0
2000-2499	366	0	3	11	50	90	118	74	20	0
2500+	5,466	2	37	125	822	1,453	1,805	997	225	0
Unknown	1	0	0	0	0	1	0	0	0	0
Wilmington	814	2	15	36	171	206	223	132	29	0
<2500	117	0	1	5	23	29	31	21	7	0
<1500	18	0	0	1	5	2	6	3	1	0
<500	1	0	0	0	0	1	0	0	0	0
500-749	2	0	0	0	1	0	1	0	0	0
750-999	4	0	0	0	2	0	0	1	1	0
1000-1499	11	0	0	1	2	1	5	2	0	0
1500-1999	23	0	0	1	3	7	6	4	2	0
2000-2499	76	0	1	3	15	20	19	14	4	0
2500+	697	2	14	31	148	177	192	111	22	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,213	0	25	109	728	1,379	1,766	978	228	0
<2500	443	0	2	15	54	102	153	92	25	0
<1500	68	0	0	2	9	18	19	15	5	0
<500	7	0	0	0	1	3	0	2	1	0
500-749	11	0	0	0	3	2	2	4	0	0
750-999	4	0	0	0	1	1	1	1	0	0
1000-1499	46	0	0	2	4	12	16	8	4	0
1500-1999	85	0	0	5	10	14	35	17	4	0
2000-2499	290	0	2	8	35	70	99	60	16	0
2500+	4,769	0	23	94	674	1,276	1,613	886	203	0
Unknown	1	0	0	0	0	1	0	0	0	0
Sussex	2,296	1	29	123	486	669	621	302	65	0
<2500	170	1	2	11	28	54	41	25	8	0
<1500	35	0	0	4	1	10	9	10	1	0
<500	5	0	0	0	0	2	2	1	0	0
500-749	4	0	0	2	0	1	1	0	0	0
750-999	5	0	0	0	0	1	2	2	0	0
1000-1499	21	0	0	2	1	6	4	7	1	0
1500-1999	35	0	0	1	4	13	10	4	3	0
2000-2499	100	1	2	6	23	31	22	11	4	0
2500+	2,126	0	27	112	458	615	580	277	57	0
Unknown	0	0	0	0	0	0	0	0	0	0

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

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

TABLE C-32. NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS, RACE AND HISPANIC ORIGIN OF MOTHER, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Birthweight	Race				Hispanic
	Total	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other	
Delaware	10,389	4,966	2,870	706	1,847
<2500	940	349	384	65	142
<1500	161	57	69	11	24
<500	18	2	13	1	2
500-749	22	10	6	1	5
750-999	20	7	10	2	1
1000-1499	101	38	40	7	16
1500-1999	202	80	83	14	25
2000-2499	577	212	232	40	93
2500+	9,445	4,615	2,484	641	1,705
Unknown	4	2	2	0	0
Kent	2,066	1,097	647	93	229
<2500	210	98	86	9	17
<1500	40	20	15	2	3
<500	5	0	4	1	0
500-749	5	3	1	0	1
750-999	7	5	2	0	0
1000-1499	23	12	8	1	2
1500-1999	59	22	26	3	8
2000-2499	111	56	45	4	6
2500+	1,853	998	559	84	212
Unknown	3	1	2	0	0
New Castle	6,027	2,608	1,844	548	1,027
<2500	560	172	249	52	87
<1500	86	25	42	9	10
<500	8	1	6	0	1
500-749	13	5	5	1	2
750-999	8	1	5	2	0
1000-1499	57	18	26	6	7
1500-1999	108	36	48	10	14
2000-2499	366	111	159	33	63
2500+	5,466	2,435	1,595	496	940
Unknown	1	1	0	0	0
Wilmington	814	175	438	36	165
<2500	117	18	72	6	21
<1500	18	3	11	2	2
<500	1	0	0	0	1
500-749	2	0	2	0	0
750-999	4	0	3	1	0
1000-1499	11	3	6	1	1
1500-1999	23	3	15	0	5
2000-2499	76	12	46	4	14
2500+	697	157	366	30	144
Unknown	0	0	0	0	0
Balance of NC County	5,213	2,433	1,406	512	862
<2500	443	154	177	46	66
<1500	68	22	31	7	8
<500	7	1	6	0	0
500-749	11	5	3	1	2
750-999	4	1	2	1	0
1000-1499	46	15	20	5	6
1500-1999	85	33	33	10	9
2000-2499	290	99	113	29	49
2500+	4,769	2,278	1,229	466	796
Unknown	1	1	0	0	0
Sussex	2,296	1,261	379	65	591
<2500	170	79	49	4	38
<1500	35	12	12	0	11
<500	5	1	3	0	1
500-749	4	2	0	0	2
750-999	5	1	3	0	1
1000-1499	21	8	6	0	7
1500-1999	35	22	9	1	3
2000-2499	100	45	28	3	24
2500+	2,126	1,182	330	61	553
Unknown	0	0	0	0	0

Notes:

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

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

TABLE C-33. NUMBER OF LIVE BIRTHS, BY RACE AND HISPANIC ORIGIN OF MOTHER, WEEKS OF GESTATION, AND AGE OF MOTHER, DELAWARE, 2021

Race-Origin/ Weeks	Age							
	Total	<20	20-24	25-29	30-34	35-39	40+	Unknown
All Races	10,389	427	1,829	2,877	3,201	1,685	370	0
<20 Weeks	2	0	1	0	0	1	0	0
20-27 Weeks	58	3	9	18	15	11	2	0
28-31 Weeks	112	6	13	30	31	26	6	0
32-35 Weeks	550	26	67	150	173	95	39	0
36 Weeks	413	13	77	116	116	68	23	0
37-39 Weeks	6,963	265	1,218	1,862	2,164	1,190	264	0
40 Weeks	1,810	84	363	556	542	234	31	0
41 Weeks	465	28	77	143	158	54	5	0
42+ Weeks	14	2	4	2	2	4	0	0
Unknown	2	0	0	0	0	2	0	0
Non-Hispanic White	4,966	110	660	1,392	1,797	843	164	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	18	0	5	7	3	3	0	0
28-31 Weeks	42	0	4	11	16	9	2	0
32-35 Weeks	250	2	18	69	93	50	18	0
36 Weeks	193	7	34	58	50	35	9	0
37-39 Weeks	3,275	72	414	892	1,207	577	113	0
40 Weeks	915	22	153	270	318	133	19	0
41 Weeks	263	6	31	84	108	31	3	0
42+ Weeks	8	1	1	1	2	3	0	0
Unknown	2	0	0	0	0	2	0	0
Non-Hispanic Black	2,870	163	667	776	733	442	89	0
<20 Weeks	2	0	1	0	0	1	0	0
20-27 Weeks	30	2	4	7	9	6	2	0
28-31 Weeks	47	1	7	15	9	12	3	0
32-35 Weeks	176	15	27	50	55	23	6	0
36 Weeks	129	1	27	35	45	16	5	0
37-39 Weeks	1,942	102	467	505	479	324	65	0
40 Weeks	438	28	106	135	112	50	7	0
41 Weeks	103	14	26	29	24	9	1	0
42+ Weeks	3	0	2	0	0	1	0	0
Unknown	0	0	0	0	0	0	0	0
Non-Hispanic Other	706	7	52	167	266	164	50	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	3	0	0	1	0	2	0	0
28-31 Weeks	7	0	1	1	2	3	0	0
32-35 Weeks	31	0	3	5	11	6	6	0
36 Weeks	25	0	2	2	13	7	1	0
37-39 Weeks	498	5	34	110	184	123	42	0
40 Weeks	119	0	11	40	47	20	1	0
41 Weeks	23	2	1	8	9	3	0	0
42+ Weeks	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Hispanic Origin*	1,847	147	450	542	405	236	67	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	7	1	0	3	3	0	0	0
28-31 Weeks	16	5	1	3	4	2	1	0
32-35 Weeks	93	9	19	26	14	16	9	0
36 Weeks	66	5	14	21	8	10	8	0
37-39 Weeks	1,248	86	303	355	294	166	44	0
40 Weeks	338	34	93	111	65	31	4	0
41 Weeks	76	6	19	22	17	11	1	0
42+ Weeks	3	1	1	1	0	0	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, 2021

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	10,389	60	112	550	413	6,963	1,810	465	14	2
<500	18	18	0	0	0	0	0	0	0	0
500-999	42	34	8	0	0	0	0	0	0	0
1000-1499	101	5	66	28	1	1	0	0	0	0
1500-1999	202	1	31	129	18	22	1	0	0	0
2000-2499	577	0	6	219	94	249	9	0	0	0
2500-2999	2,155	1	1	129	200	1,637	155	30	1	1
3000-3499	3,866	0	0	36	81	2,871	731	143	4	0
3500-3999	2,699	0	0	9	15	1,748	708	212	6	1
4000-4499	646	0	0	0	3	385	189	67	2	0
4500+	79	0	0	0	1	47	17	13	1	0
Unknown	4	1	0	0	0	3	0	0	0	0
Non-Hispanic White	4,966	18	42	250	193	3,275	915	263	8	2
<500	2	2	0	0	0	0	0	0	0	0
500-999	17	14	3	0	0	0	0	0	0	0
1000-1499	38	1	24	12	1	0	0	0	0	0
1500-1999	80	0	12	58	6	3	1	0	0	0
2000-2499	212	0	2	85	42	81	2	0	0	0
2500-2999	833	0	1	66	95	595	61	14	0	1
3000-3499	1,844	0	0	24	37	1,371	333	77	2	0
3500-3999	1,481	0	0	5	9	955	384	123	4	1
4000-4499	406	0	0	0	3	238	122	41	2	0
4500+	51	0	0	0	0	31	12	8	0	0
Unknown	2	1	0	0	0	1	0	0	0	0
Non-Hispanic Black	2,870	32	47	176	129	1,942	438	103	3	0
<500	13	13	0	0	0	0	0	0	0	0
500-999	16	14	2	0	0	0	0	0	0	0
1000-1499	40	4	28	8	0	0	0	0	0	0
1500-1999	83	1	14	49	7	12	0	0	0	0
2000-2499	232	0	3	80	36	111	2	0	0	0
2500-2999	750	0	0	33	61	588	59	9	0	0
3000-3499	1,044	0	0	5	23	784	194	37	1	0
3500-3999	572	0	0	1	1	377	150	42	1	0
4000-4499	103	0	0	0	0	60	30	13	0	0
4500+	15	0	0	0	1	8	3	2	1	0
Unknown	2	0	0	0	0	2	0	0	0	0
Non-Hispanic Other	706	3	7	31	25	498	119	23	0	0
<500	1	1	0	0	0	0	0	0	0	0
500-999	3	2	1	0	0	0	0	0	0	0
1000-1499	7	0	6	1	0	0	0	0	0	0
1500-1999	14	0	0	7	3	4	0	0	0	0
2000-2499	40	0	0	13	8	18	1	0	0	0
2500-2999	185	0	0	10	10	148	14	3	0	0
3000-3499	266	0	0	0	3	202	54	7	0	0
3500-3999	155	0	0	0	1	102	42	10	0	0
4000-4499	31	0	0	0	0	21	8	2	0	0
4500+	4	0	0	0	0	3	0	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
Hispanic Origin*	1,847	7	16	93	66	1,248	338	76	3	0
<500	2	2	0	0	0	0	0	0	0	0
500-999	6	4	2	0	0	0	0	0	0	0
1000-1499	16	0	8	7	0	1	0	0	0	0
1500-1999	25	0	5	15	2	3	0	0	0	0
2000-2499	93	0	1	41	8	39	4	0	0	0
2500-2999	387	1	0	20	34	306	21	4	1	0
3000-3499	712	0	0	7	18	514	150	22	1	0
3500-3999	491	0	0	3	4	314	132	37	1	0
4000-4499	106	0	0	0	0	66	29	11	0	0
4500+	9	0	0	0	0	5	2	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 PERCENTAGE OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, AGE OF MOTHER, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2021

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	10,389	100.0	3,850	37.1	5,858	56.4	211	2.0	8	0.1	407	3.9	55	0.5
<20	427	100.0	310	72.6	80	18.7	19	4.4	0	0.0	15	3.5	3	0.7
20-24	1,829	100.0	1,009	55.2	675	36.9	45	2.5	4	0.2	81	4.4	15	0.8
25-29	2,877	100.0	1,130	39.3	1,536	53.4	58	2.0	3	0.1	133	4.6	17	0.6
30-34	3,201	100.0	809	25.3	2,205	68.9	52	1.6	0	0.0	122	3.8	13	0.4
35+	2,055	100.0	592	28.8	1,362	66.3	37	1.8	1	0.0	56	2.7	7	0.3
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
White Non-Hispanic	4,966	100.0	1,121	22.6	3,522	70.9	112	2.2553	6	0.1	184	3.7	21	0.4
<20	110	100.0	73	66.4	30	27.3	2	1.8	0	0.0	4	3.6	1	0.9
20-24	660	100.0	281	42.6	310	47.0	28	4.2	3	0.5	34	5.2	4	0.6
25-29	1,392	100.0	344	24.7	941	67.6	37	2.7	2	0.1	59	4.2	9	0.6
30-34	1,797	100.0	253	14.1	1,444	80.4	29	1.6	0	0.0	67	3.7	4	0.2
35+	1,007	100.0	170	16.9	797	79.1	16	1.6	1	0.1	20	2.0	3	0.3
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Black Non-Hispanic	2,870	100.0	1,485	51.7	1,291	45.0	24	0.8	1	0.0	57	2.0	12	0.4
<20	163	100.0	124	76.1	36	22.1	1	0.6	0	0.0	1	0.6	1	0.6
20-24	667	100.0	398	59.7	252	37.8	1	0.1	1	0.1	11	1.6	4	0.6
25-29	776	100.0	429	55.3	316	40.7	7	0.9	0	0.0	20	2.6	4	0.5
30-34	733	100.0	322	43.9	388	52.9	6	0.8	0	0.0	14	1.9	3	0.4
35+	531	100.0	212	39.9	299	56.3	9	1.7	0	0.0	11	2.1	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Other/Unk Non-Hispanic	706	100.0	137	19.4	545	77.2	6	0.8	0	0.0	15	2.1	3	0.4
<20	7	100.0	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20-24	52	100.0	23	44.2	24	46.2	2	3.8	0	0.0	3	5.8	0	0.0
25-29	167	100.0	44	26.3	116	69.5	0	0.0	0	0.0	6	3.6	1	0.6
30-34	266	100.0	23	8.6	236	88.7	3	1.1	0	0.0	3	1.1	1	0.4
35+	214	100.0	40	18.7	169	79.0	1	0.5	0	0.0	3	1.4	1	0.5
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Hispanic Origin*	1,847	100.0	1,107	59.9	500	27.1	69	3.7	1	0.1	151	8.2	19	1.0
<20	147	100.0	106	72.1	14	9.5	16	10.9	0	0.0	10	6.8	1	0.7
20-24	450	100.0	307	68.2	89	19.8	14	3.1	0	0.0	33	7.3	7	1.6
25-29	542	100.0	313	57.7	163	30.1	14	2.6	1	0.2	48	8.9	3	0.6
30-34	405	100.0	211	52.1	137	33.8	14	3.5	0	0.0	38	9.4	5	1.2
35+	303	100.0	170	56.1	97	32.0	11	3.6	0	0.0	22	7.3	3	1.0
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 PERCENTAGE OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, MARITAL STATUS OF MOTHER, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2021

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	10,389	100.0	3,850	37.1	5,858	56.4	211	2.0	8	0.1	407	3.9	55	0.5
Married	5,508	100.0	946	17.2	4,107	74.6	132	2.4	7	0.1	294	5.3	22	0.4
Single	4,881	100.0	2,904	59.5	1,751	35.9	79	1.6	1	0.0	113	2.3	33	0.7
Non-Hispanic White	4,966	100.0	1,121	22.6	3,522	70.9	112	2.3	6	0.1	184	3.7	21	0.4
Married	3,325	100.0	278	8.4	2,762	83.1	99	3.0	6	0.2	167	5.0	13	0.4
Single	1,641	100.0	843	51.4	760	46.3	13	0.8	0	0.0	17	1.0	8	0.5
Non-Hispanic Black	2,870	100.0	1,485	51.7	1,291	45.0	24	0.8	1	0.0	57	2.0	12	0.4
Married	879	100.0	252	28.7	573	65.2	11	1.3	0	0.0	42	4.8	1	0.1
Single	1,991	100.0	1,233	61.9	718	36.1	13	0.7	1	0.1	15	0.8	11	0.6
Non-Hispanic Other	706	100.0	137	19.4	545	77.2	6	0.8	0	0.0	15	2.1	3	0.4
Married	592	100.0	73	12.3	497	84.0	5	0.8	0	0.0	15	2.5	2	0.3
Single	114	100.0	64	56.1	48	42.1	1	0.9	0	0.0	0	0.0	1	0.9
Hispanic Origin*	1,847	100.0	1,107	59.9	500	27.1	69	3.7	1	0.1	151	8.2	19	1.0
Married	712	100.0	343	48.2	275	38.6	17	2.4	1	0.1	70	9.8	6	0.8
Single	1,135	100.0	764	67.3	225	19.8	52	4.6	0	0.0	81	7.1	13	1.1

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 PERCENTAGE OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN OF MOTHER, METHOD OF DELIVERY, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2021

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	10,389	100.0	3,850	100.0	5,858	100.0	211	100.0	8	100.0	407	100.0	55	100.0
Vaginal	7,070	68.1	2,643	68.6	3,901	66.6	172	81.5	8	100.0	301	74.0	45	81.8
C-section	3,308	31.8	1,204	31.3	1,950	33.3	38	18.0	0	0.0	106	26.0	10	18.2
Unknown	11	0.1	3	0.1	7	0.1	1	0.5	0	0.0	0	0.0	0	0.0
Non-Hispanic White	4,966	100.0	1,121	100.0	3,522	100.0	112	100.0	6	100.0	184	100.0	21	100.0
Vaginal	3,380	68.1	772	68.9	2,348	66.7	99	88.4	6	100.0	139	75.5	16	76.2
C-section	1,580	31.8	349	31.1	1,169	33.2	12	10.7	0	0.0	45	24.5	5	23.8
Unknown	6	0.1	0	0.0	5	0.1	1	0.9	0	0.0	0	0.0	0	0.0
Non-Hispanic Black	2,870	100.0	1,485	100.0	1,291	100.0	24	100.0	1	100.0	57	100.0	12	100.0
Vaginal	1,899	66.2	997	67.1	841	65.1	15	62.5	1	100.0	35	61.4	10	83.3
C-section	968	33.7	486	32.7	449	34.8	9	37.5	0	0.0	22	38.6	2	16.7
Unknown	3	0.1	2	0.1	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unk Non-Hispanic	706	100.0	137	100.0	545	100.0	6	100.0	0	...	15	100.0	3	100.0
Vaginal	478	67.7	86	62.8	374	68.6	6	100.0	0	...	10	66.7	2	66.7
C-section	227	32.2	51	37.2	170	31.2	0	0.0	0	...	5	33.3	1	33.3
Unknown	1	0.1	0	0.0	1	0.2	0	0.0	0	...	0	0.0	0	0.0
Hispanic Origin*	1,847	100.0	1,107	100.0	500	100.0	69	100.0	1	100.0	151	100.0	19	100.0
Vaginal	1,313	71.1	788	71.2	338	67.6	52	75.4	1	100.0	117	77.5	17	89.5
C-section	533	28.9	318	28.7	162	32.4	17	24.6	0	0.0	34	22.5	2	10.5
Unknown	1	0.1	1	0.1	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, 2021

Method of Delivery	Number
Total	10,389
Vaginal	7,070
C-Section	3,308
Primary C-Section	2,066
Repeat C-Section	1,242
Unknown	11

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

TABLE C-39. NUMBER AND PERCENTAGE OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND METHOD OF DELIVERY, DELAWARE, 2021

Birth weight	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,389	100.0	7,070	68.1	3,308	31.8	11	0.1
<2,500	940	100.0	458	48.7	482	51.3	-	0.0
<1,500	161	100.0	50	31.1	111	68.9	-	0.0
<1,500-2,499	779	100.0	408	52.4	371	47.6	-	0.0
<2,500+	9,445	100.0	6,609	70.0	2,825	29.9	11	0.1
Unknown	4	100.0	3	75.0	1	25.0	-	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 PERCENTAGE OF LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY, DELAWARE, 2021

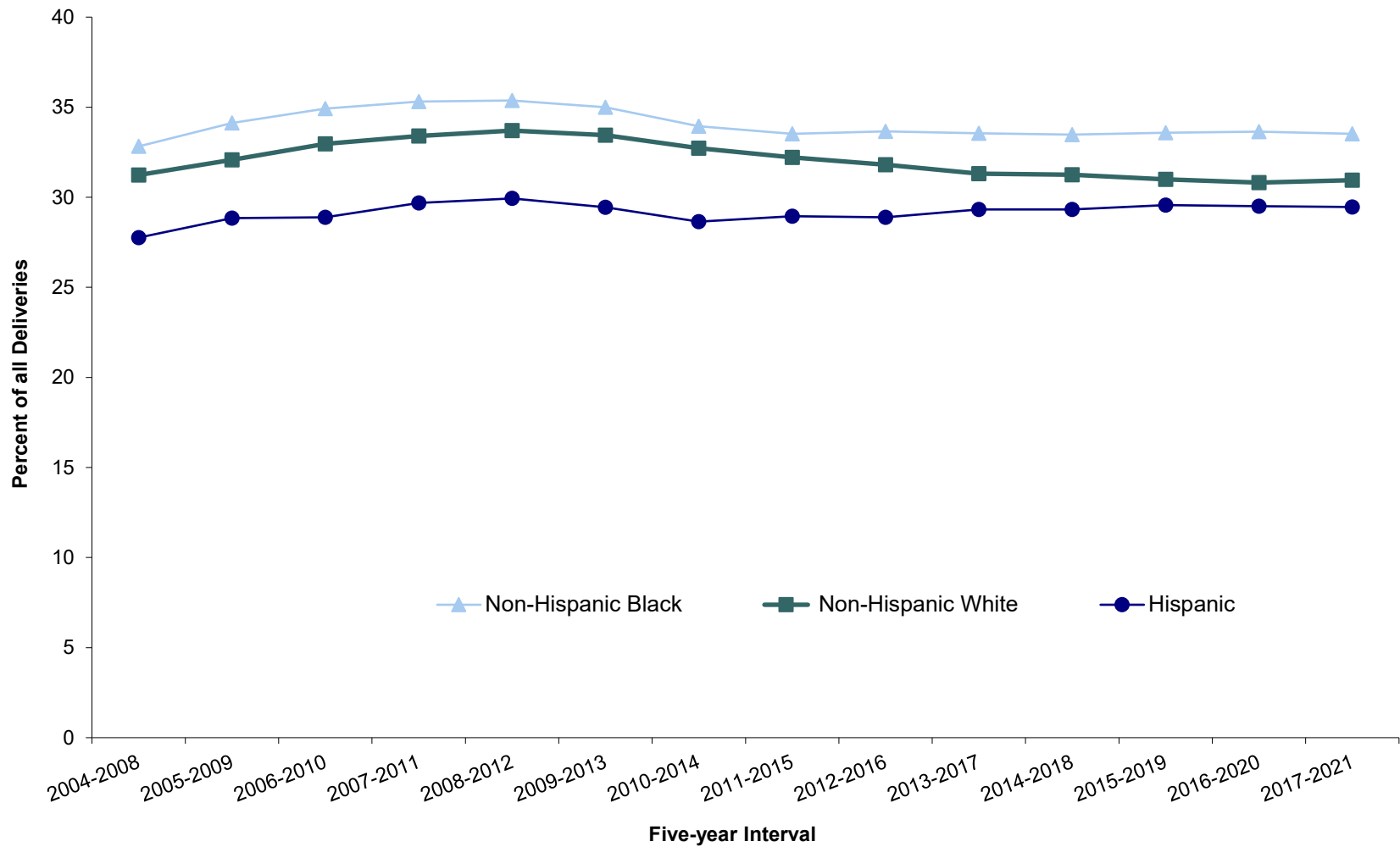
Age	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,389	100.0	7,070	68.1	3,308	31.8	11	0.1
<20	427	100.0	343	80.3	83	19.4	1	0.2
20-24	1,829	100.0	1,384	75.7	443	24.2	2	0.1
25-29	2,877	100.0	2,026	70.4	847	29.4	4	0.1
30-34	3,201	100.0	2,100	65.6	1,098	34.3	3	0.1
35+	2,055	100.0	1,217	59.2	837	40.7	1	0.0
Unknown	-	...	-	...	-	...	-	...

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 Percentage of Births by Cesarean Section Delivery by Race and Ethnicity Delaware, 2004-2021



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

TABLE C-41. NUMBER AND PERCENTAGE OF LIVE BIRTHS FOR MOTHERS REPORTING TOBACCO USE DURING PREGNANCY BY RACE AND HISPANIC ORIGIN OF MOTHER COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Tobacco Use	Race								Hispanic Origin*	
	Total		Non-Hispanic White		Non-Hispanic Black		Non-Hispanic Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Delaware	10,389	100.0	4,966	100.0	2,870	100.0	706	100.0	1,847	100.0
Yes	539	5.2	343	6.9	142	4.9	16	2.3	38	2.1
No	9,845	94.8	4,622	93.1	2,725	94.9	690	97.7	1,808	97.9
Unknown	5	0.0	1	0.0	3	0.1	0	0.0	1	0.1
Kent	2,066	100.0	1,097	100.0	647	100.0	93	100.0	229	100.0
Yes	139	6.7	92	8.4	34	5.3	4	4.3	9	3.9
No	1,927	93.3	1,005	91.6	613	94.7	89	95.7	220	96.1
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
New Castle	6,027	100.0	2,608	100.0	1,844	100.0	548	100.0	1,027	100.0
Yes	233	3.9	129	4.9	74	4.0	9	1.6	21	2.0
No	5,789	96.1	2,478	95.0	1,767	95.8	539	98.4	1,005	97.9
Unknown	5	0.1	1	0.0	3	0.2	0	0.0	1	0.1
Wilmington	814	100.0	175	100.0	438	100.0	36	100.0	165	100.0
Yes	54	6.6	12	6.9	33	7.5	5	13.9	4	2.4
No	758	93.1	163	93.1	403	92.0	31	86.1	161	97.6
Unknown	2	0.2	0	0.0	2	0.5	0	0.0	0	0.0
Balance of NC County	5,213	100.0	2,433	100.0	1,406	100.0	512	100.0	862	100.0
Yes	179	3.4	117	4.8	41	2.9	4	0.8	17	2.0
No	5,031	96.5	2,315	95.2	1,364	97.0	508	99.2	844	97.9
Unknown	3	0.1	1	0.0	1	0.1	0	0.0	1	0.1
Sussex	2,296	100.0	1,261	100.0	379	100.0	65	100.0	591	100.0
Yes	167	7.3	122	9.7	34	9.0	3	4.6	8	1.4
No	2,129	92.7	1,139	90.3	345	91.0	62	95.4	583	98.6
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Notes:

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

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

TABLE C-42. NUMBER AND PERCENTAGE OF LIVE BIRTHS BY AGE OF MOTHER AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY, DELAWARE, 2021

Age	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,389	100.0	539	5.2	9,845	94.8	5	0.0
< 18	87	100.0	1	1.1	86	98.9	0	0.0
18-19	340	100.0	6	1.8	334	98.2	0	0.0
20-24	1,829	100.0	89	4.9	1,740	95.1	0	0.0
25-29	2,877	100.0	152	5.3	2,723	94.6	2	0.1
30-34	3,201	100.0	171	5.3	3,028	94.6	2	0.1
35 +	2,055	100.0	120	5.8	1,934	94.1	1	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 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 PERCENTAGE OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2021

Area/ Birth Weight	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	10,389	100.0	539	100.0	9,845	100.0	5	100.0
<2500	940	9.0	98	18.2	842	8.6	0	0.0
2500+	9,445	90.9	440	81.6	9,000	91.4	5	100.0
Unknown	4	0.0	1	0.2	3	0.0	0	0.0
Kent	2,066	100.0	139	100.0	1,927	100.0	0	...
<2500	210	10.2	28	20.1	182	9.4	0	...
2500+	1,853	89.7	110	79.1	1,743	90.5	0	...
Unknown	3	0.1	1	0.7	2	0.1	0	...
New Castle	6,027	100.0	233	100.0	5,789	100.0	5	100.0
<2500	560	9.3	47	20.2	513	8.9	0	0.0
2500+	5,466	90.7	186	79.8	5,275	91.1	5	100.0
Unknown	1	0.0	0	0.0	1	0.0	0	0.0
Wilmington	814	100.0	54	100.0	758	100.0	2	100.0
<2500	117	14.4	12	22.2	105	13.9	0	0.0
2500+	697	85.6	42	77.8	653	86.1	2	100.0
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
Balance of NC County	5,213	100.0	179	100.0	5,031	100.0	3	100.0
<2500	443	8.5	35	19.6	408	8.1	0	0.0
2500+	4,769	91.5	144	80.4	4,622	91.9	3	100.0
Unknown	1	0.0	0	0.0	1	0.0	0	0.0
Sussex	2,296	100.0	167	100.0	2,129	100.0	0	...
<2500	170	7.4	23	13.8	147	6.9	0	...
2500+	2,126	92.6	144	86.2	1,982	93.1	0	...
Unknown	0	0.0	0	0.0	0	0.0	0	...

Notes:

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

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

TABLE C-44. PERCENTAGE OF LIVE BIRTHS FOR MOTHERS REPORTING TOBACCO USE DURING PREGNANCY, BY RACE AND HISPANIC ORIGIN, DELAWARE, 2008-2021

Year/ Area	Non-Hispanic			Hispanic Origin*
	All Races	White	Black	
2021	4.8	6.9	4.9	2.1
2020	6.6	9.4	7.4	2.0
2019	8.2	12.1	8.0	2.7
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
2012	12.4	13.8	11.3	3.7
2011	11.7	13.0	10.4	3.6
2010	12.3	13.3	11.8	3.0
2009	13.4	14.5	12.8	3.4
2008	12.4	13.3	12.3	3.2

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 PERCENTAGE OF LIVE BIRTHS BY DAY OF THE WEEK, DELAWARE, 2021

Day	Number	Percent
Sunday	982	9.5
Monday	1,511	14.5
Tuesday	1,579	15.2
Wednesday	1,708	16.4
Thursday	1,671	16.1
Friday	1,727	16.6
Saturday	1,211	11.7
Total	10,389	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 PERCENTAGE OF LIVE BIRTHS BY MONTH, DELAWARE, 2021

Month	Number	Percent
January	735	7.1
February	687	6.6
March	817	7.9
April	846	8.1
May	849	8.2
June	912	8.8
July	995	9.6
August	917	8.8
September	1,012	9.7
October	930	9.0
November	813	7.8
December	876	8.4
Total	10,389	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, 2020-2021

Males

Rank	2020	
	Name	Number
1	Liam	54
1	Noah	54
3	Elijah	39
4	Daniel	37
4	Michael	37
6	Carter	36
6	Oliver	36
8	Anthony	35
9	Joseph	31
9	Leo	31
9	Lucas	31
9	Mason	31
13	James	30
14	Alexander	28
14	Ethan	28

Rank	2021	
	Name	Number
1	Liam	53
2	Noah	49
3	Michael	38
4	Lucas	36
5	Cameron	33
5	David	33
7	Alexander	31
7	James	31
7	Mason	31
7	Oliver	31
11	Jack	30
12	Benjamin	28
12	Caleb	28
12	Elijah	28
12	Jackson	28

Females

Rank	2020	
	Name	Number
1	Charlotte	50
2	Olivia	38
3	Isabella	36
4	Amelia	34
4	Ava	34
6	Emma	30
7	Mia	29
8	Gianna	27
8	Sophia	27
10	Abigail	23
10	Harper	23
10	Layla	23
13	Aria	22
13	Riley	22
15	Mila	21

Rank	2021	
	Name	Number
1	Olivia	57
2	Charlotte	50
3	Isabella	39
3	Sophia	39
5	Amelia	38
5	Emma	38
7	Harper	32
7	Mia	32
9	Ava	29
10	Avery	27
10	Layla	27
11	Gianna	25
13	Abigail	24
14	Lily	23
14	Sofia	23

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, 2021

State	Low Birthweight	
	Rate	Rank
Alabama	10.4	48
Alaska	6.9	4
Arizona	7.9	20
Arkansas	9.5	43
California	7.3	12
Colorado	9.4	39
Connecticut	8.2	22
Delaware	9.1	35
District of Columbia	9.6	44
Florida	9.0	34
Georgia	10.6	49
Hawaii	8.9	31
Idaho	6.7	2
Illinois	8.5	27
Indiana	8.4	25
Iowa	6.8	3
Kansas	7.4	13
Kentucky	9.1	36
Louisiana	11.3	50
Maine	7.3	11
Maryland	8.9	33
Massachusetts	7.5	15
Michigan	9.2	37
Minnesota	7.3	10
Mississippi	12.4	51
Missouri	8.9	32
Montana	7.6	16
Nebraska	7.6	17
Nevada	9.7	45
New Hampshire	7.0	7
New Jersey	7.7	19
New Mexico	9.4	39
New York	8.4	26
North Carolina	9.4	42
North Dakota	6.7	1
Ohio	8.7	29
Oklahoma	8.8	30
Oregon	6.9	5
Pennsylvania	8.3	23
Rhode Island	7.9	21
South Carolina	10.0	47
South Dakota	7.1	9
Tennessee	9.3	38
Texas	8.7	28
Utah	7.4	14
Vermont	7.0	8
Virginia	8.3	24
Washington	7.0	6
West Virginia	9.8	46
Wisconsin	7.7	18
Wyoming	9.4	39
United States	8.5	

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, 2021

State	Cesarean Deliveries		Single Mothers	
	Rate	Rank	Rate	Rank
Alabama	29.7	48	46.5	45
Alaska	19.9	4	36.5	17
Arizona	23.2	13	45.4	41
Arkansas	28.0	39	46.3	44
California	24.7	22	38.8	24
Colorado	22.3	8	22.8	2
Connecticut	28.9	44	37.5	22
Delaware	26.0	29	47.1	47
District of Columbia	27.6	38	43.6	37
Florida	28.9	44	46.5	45
Georgia	28.8	43	46.0	43
Hawaii	22.8	11	39.2	25
Idaho	19.0	2	27.2	3
Illinois	25.3	24	39.5	26
Indiana	24.4	19	43.0	36
Iowa	23.5	15	35.1	14
Kansas	23.9	16	35.9	15
Kentucky	27.3	37	42.7	34
Louisiana	29.8	49	54.5	50
Maine	25.3	24	37.2	21
Maryland	29.3	47	40.7	30
Massachusetts	26.0	29	32.6	8
Michigan	28.1	40	40.3	29
Minnesota	25.5	27	31.8	7
Mississippi	31.2	51	54.8	51
Missouri	24.3	18	39.9	28
Montana	22.1	7	33.0	10
Nebraska	22.3	8	34.2	12
Nevada	26.6	32	49.3	48
New Hampshire	28.5	42	31.0	4
New Jersey	25.5	27	33.3	11
New Mexico	22.3	8	52.4	49
New York	29.9	50	38.1	23
North Carolina	24.0	17	40.9	31
North Dakota	20.1	5	31.4	5
Ohio	26.0	29	42.6	33
Oklahoma	24.4	19	44.3	39
Oregon	25.0	23	36.5	17
Pennsylvania	25.3	24	39.7	27
Rhode Island	29.1	46	43.8	38
South Carolina	27.0	36	45.2	40
South Dakota	18.1	1	35.9	15
Tennessee	26.6	32	42.8	35
Texas	28.3	41	41.3	32
Utah	19.4	3	19.5	1
Vermont	22.8	11	36.5	17
Virginia	26.7	35	34.8	13
Washington	24.4	19	31.6	6
West Virginia	26.6	32	45.7	42
Wisconsin	23.3	14	36.8	20
Wyoming	20.3	6	32.9	9
United States	26.3		40.0	

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

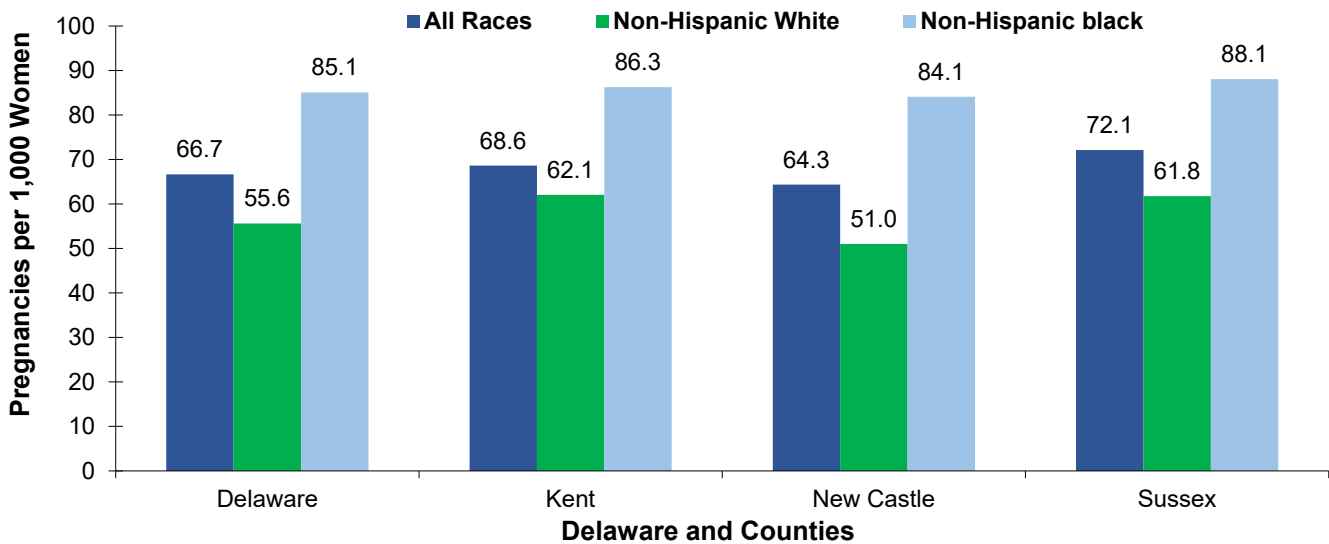
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Reported Pregnancies

REPORTED PREGNANCIES

At 66.7 reported pregnancies per 1,000 women ages 15-44, the 2017-2021 rate of reported pregnancies decreased by 15.1 percent from the 78.6 rate in 2010-2014. The 2017-2021 five-year average reported pregnancy rate was highest in Sussex County for non-Hispanic black women (88.1 pregnancies per 1,000 women). New Castle County had the lowest reported pregnancy rate for non-Hispanic black women (84.1 pregnancies per 1,000 women). Kent County had the highest reported pregnancy rate for non-Hispanic white women (62.1 pregnancies per 1,000 women). New Castle County had the lowest reported pregnancy rate for non-Hispanic white women (51.0 pregnancies per 1,000 women) during this same five year period.

Figure 21. Five-year Average Rate of Reported Pregnancies by County and Race, Delaware, 2017-2021

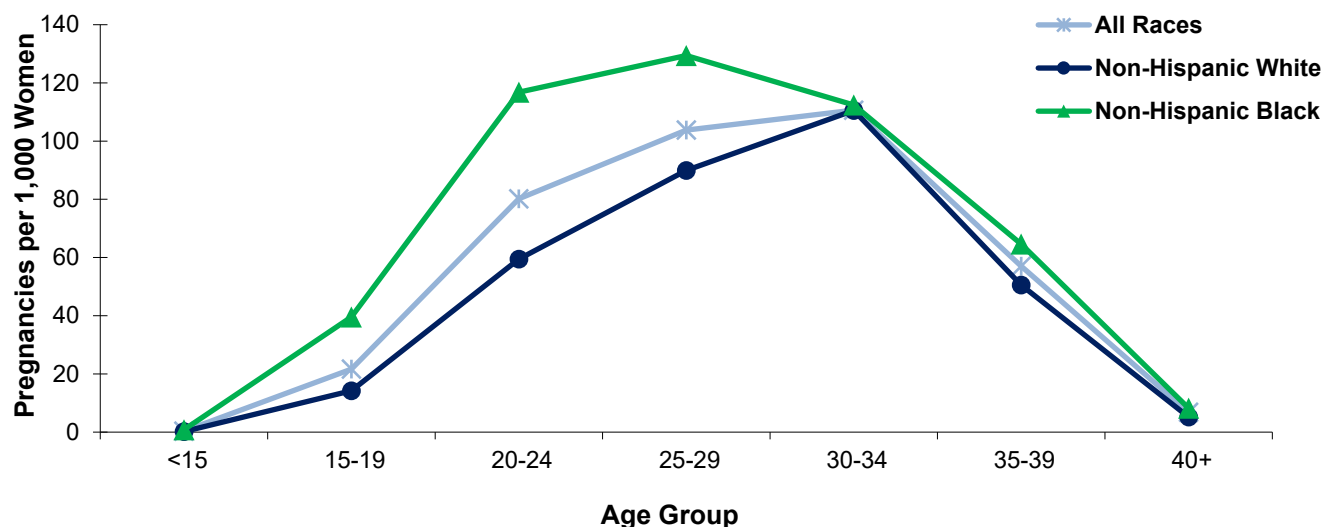


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Non-Hispanic black women in the 25-29 year age group had the highest pregnancy rate, at 130.6 pregnancies per 1,000 women in 2017-2021.

Non-Hispanic black women had higher five year average (2017-2021) 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 (103.4 pregnancies per 1,000 women).

Figure 22. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2017-2021

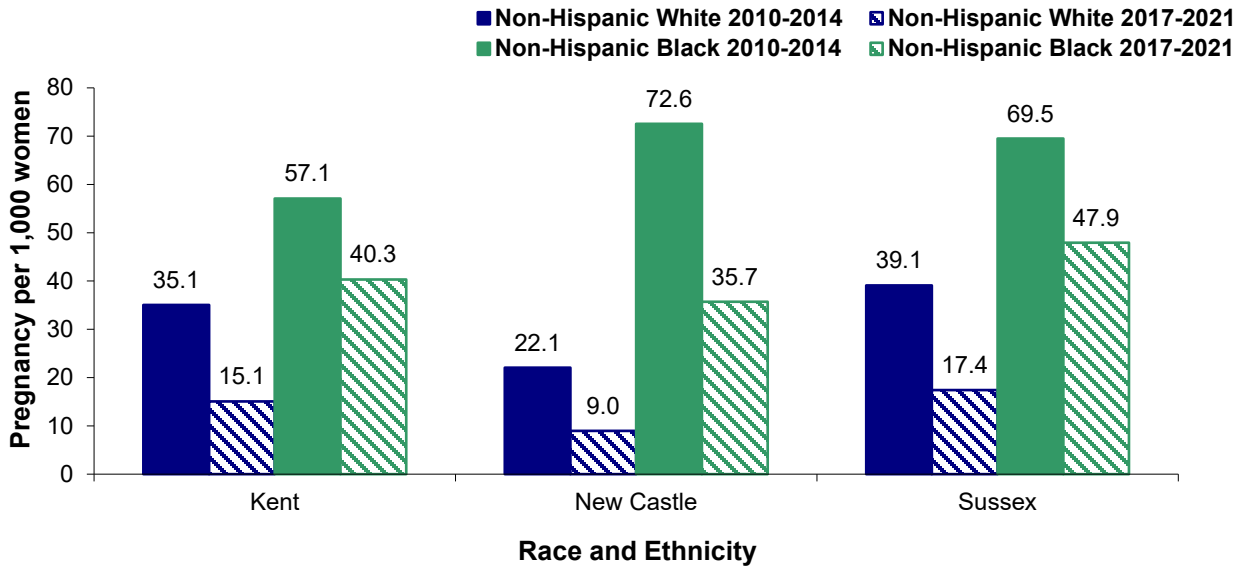


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

REPORTED PREGNANCIES

In all three counties the five-year average teen (15-19) pregnancy rates for all races continues to decline from 2010-2014 to 2017-2021. New Castle County had a 50.8 percent decrease in the number of reported pregnancies for non-Hispanic black teens, aged 15-19, from 2010-2014 to 2017-2021. In 2017-2021, Sussex County had the highest five year average reported pregnancy rate for non-Hispanic white teens (17.4 pregnancies per 1,000 women) and non-Hispanic black teens (47.9 pregnancies per 1,000 women).

Figure 23. Five-year Average Teenage (15-19) Pregnancy Rates by County and Race, Delaware, 2009-2013 and 2017-2021



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

In 2017-2021, New Castle County had the lowest five-year average pregnancy rate for younger white non-Hispanic teens aged 15-17, (3.6 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 (23.6 pregnancies per 1,000 women).

The five-year average (2017-2021) pregnancy rate for older non-Hispanic white teens, aged 18-19, was lowest in New Castle County (16.7 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 83.5 pregnancies per 1,000 women.

In 2021, there were 1,825 abortions performed in Delaware, 1,663 to Delaware residents and 162 to non-residents.

- Forty-four percent of all pregnancies to females under 15 ended in termination in 2021.
 - ⇒ 50 percent to non-Hispanic black females under 15 ended in termination in 2021.
- Married women undergo significantly fewer terminations than their single counterparts.
 - ⇒ 2.9 percent of pregnancies to non-Hispanic white married women ended in termination and 5.6 percent of pregnancies to non-Hispanic black married women ended in termination in 2021.
 - ⇒ When the women were unmarried, these numbers increased to 22.7 percent for non-Hispanic white women and 26.8 percent for non-Hispanic black women in 2021.
- In 2021, women under 25 account for 37% of all induced termination of pregnancy in Delaware.

TABLE D-1. NUMBER AND PERCENTAGE OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2021

Area/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	12,104	100	10,389	86	52	0	1,663	14
<15	9	100	5	56	0	0	4	44
15-19	546	100	422	77	3	1	121	22
15-17	126	100	82	65	1	1	43	34
18-19	420	100	340	81	2	0	78	19
20-24	2,326	100	1,829	79	10	0	487	21
25-29	3,325	100	2,877	87	13	0	435	13
30-34	3,572	100	3,201	90	14	0	357	10
35-39	1,893	100	1,685	89	8	0	200	11
40+	433	100	370	85	4	1	59	14
Unknown	0	...	0	...	0	...	0	...
Kent	2,447	100	2,066	84	12	0	369	15
<15	2	100	2	100	0	0	0	0
15-19	109	100	85	78	1	1	23	21
15-17	22	100	13	59	0	0	9	41
18-19	87	100	72	83	1	1	14	16
20-24	562	100	444	79	2	0	116	21
25-29	728	100	623	86	2	0	103	14
30-34	679	100	591	87	4	1	84	12
35-39	310	100	273	88	2	1	35	11
40+	57	100	48	84	1	2	8	14
Unknown	0	...	0	...	0	...	0	...
New Castle	7,080	100	6,027	85	28	0	1,025	14
<15	4	100	2	50	0	0	2	50
15-19	264	100	185	70	2	1	77	29
15-17	67	100	40	60	1	1	26	39
18-19	197	100	145	74	1	1	51	26
20-24	1,203	100	899	75	4	0	300	25
25-29	1,858	100	1,585	85	9	0	264	14
30-34	2,206	100	1,989	90	6	0	211	10
35-39	1,247	100	1,110	89	5	0	132	11
40+	298	100	257	86	2	1	39	13
Unknown	0	...	0	...	0	...	0	...
Sussex	2,577	100	2,296	89	12	0	269	10
<15	3	100	1	33	0	0	2	67
15-19	173	100	152	88	0	0	21	12
15-17	37	100	29	78	0	0	8	22
18-19	136	100	123	90	0	0	13	10
20-24	561	100	486	87	4	1	71	13
25-29	739	100	669	91	2	0	68	9
30-34	687	100	621	90	4	1	62	9
35-39	336	100	302	90	1	0	33	10
40+	78	100	65	83	1	1	12	15
Unknown	0	...	0	...	0	...	0	...

Notes:

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

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

TABLE D-2. NUMBER AND PERCENTAGE OF REPORTED PREGNANCIES BY RACE, HISPANIC ORIGIN, AND AGE OF WOMAN, DELAWARE, 2021

Race- Hispanic Origin/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	12,104	100	10,389	86	52	0	1,663	14
<15	9	100	5	56	0	0	4	44
15-19	211	100	87	41	3	1	121	57
15-17	49	100	5	10	1	2	43	88
18-19	162	100	82	51	2	1	78	48
20-24	837	100	340	41	10	1	487	58
25-29	2,277	100	1,829	80	13	1	435	19
30-34	3,248	100	2,877	89	14	0	357	11
35-39	3,409	100	3,201	94	8	0	200	6
40+	1,748	100	1,685	96	4	0	59	3
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic White	5,564	100	4,966	89	12	0	586	11
<15	0	...	0	...	0	...	0	...
15-19	143	100	110	77	0	0	33	23
15-17	28	100	15	54	0	0	13	46
18-19	115	100	95	83	0	0	20	17
20-24	813	100	660	81	1	0	152	19
25-29	1,549	100	1,392	90	3	0	154	10
30-34	1,949	100	1,797	92	5	0	147	8
35-39	922	100	843	91	3	0	76	8
40+	188	100	164	87	0	0	24	13
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic Black	3,688	100	2,870	78	27	1	791	21
<15	4	100	2	50	0	0	2	50
15-19	217	100	161	74	3	1	53	24
15-17	54	100	33	61	1	2	20	37
18-19	163	100	128	79	2	1	33	20
20-24	921	100	667	72	4	0	250	27
25-29	997	100	776	78	5	1	216	22
30-34	904	100	733	81	8	1	163	18
35-39	529	100	442	84	5	1	82	16
40+	116	100	89	77	2	2	25	22
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic Other	745	100	706	95	0	0	39	5
<15	0	...	0	...	0	...	0	...
15-19	10	100	7	70	0	0	3	30
15-17	1	100	1	100	0	0	0	0
18-19	9	100	6	67	0	0	3	33
20-24	60	100	52	87	0	0	8	13
25-29	174	100	167	96	0	0	7	4
30-34	274	100	266	97	0	0	8	3
35-39	175	100	164	94	0	0	11	6
40+	52	100	50	96	0	0	2	4
Unknown	0	...	0	...	0	...	0	...
Hispanic*	2,103	100	1,847	88	9	0	247	12
<15	5	100	3	60	0	0	2	40
15-19	177	100	144	81	1	1	32	18
15-17	43	100	33	77	0	2	10	23
18-19	134	100	111	83	1	3	22	16
20-24	531	100	450	85	4	0	77	15
25-29	602	100	542	90	2	0	58	10
30-34	446	100	405	91	2	0	39	9
35-39	267	100	236	88	0	0	31	12
40+	75	100	67	89	0	0	8	11
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 PERCENTAGE OF REPORTED PREGNANCIES BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN, DELAWARE, 2021

Race- Hispanic Origin/ Education	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	12,104	100	10,389	86	52	0	1663	14
<9	538	100	513	95	3	1	22	4
9 to 11	914	100	790	86	5	1	119	13
H.S. Grad	3,658	100	2,736	75	15	0	907	25
1 to 3 College	2,965	100	2,601	88	12	0	352	12
4+ College	3,674	100	3,495	95	9	0	170	5
Unknown	355	100	254	72	8	2	93	26
Non-Hispanic White	5,564	100	4,966	89	12	0	586	11
<9	110	100	106	96	0	0	4	4
9 to 11	265	100	222	84	1	0	42	16
H.S. Grad	1,293	100	993	77	2	0	298	23
1 to 3 College	1,465	100	1,323	90	5	0	137	9
4+ College	2,313	100	2,243	97	3	0	67	3
Unknown	118	100	79	67	1	1	38	32
Non-Hispanic Black	3,688	100	2,870	78	27	1	791	21
<9	26	100	23	88	0	0	3	12
9 to 11	312	100	267	86	3	1	42	13
H.S. Grad	1,560	100	1,084	69	11	1	465	30
1 to 3 College	976	100	811	83	6	1	159	16
4+ College	677	100	588	87	2	0	87	13
Unknown	137	100	97	71	5	4	35	26
Non-Hispanic Other	745	100	706	95	0	0	39	5
<9	9	100	9	100	0	0	0	0
9 to 11	26	100	25	96	0	0	1	4
H.S. Grad	94	100	82	87	0	0	12	13
1 to 3 College	113	100	99	88	0	0	14	12
4+ College	480	100	472	98	0	0	8	2
Unknown	23	100	19	83	0	0	4	17
Hispanic*	2,107	100	1,847	88	13	1	247	12
<9	393	100	375	95	3	1	15	4
9 to 11	311	100	276	89	1	0	34	11
H.S. Grad	711	100	577	81	2	0	132	19
1 to 3 College	411	100	368	90	1	0	42	10
4+ College	204	100	192	94	4	2	8	4
Unknown	77	100	59	77	2	3	16	21

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 PERCENTAGE OF REPORTED PREGNANCIES BY RACE AND MARITAL STATUS OF WOMAN, DELAWARE AND COUNTIES, 2021

Area/Race/ Marital Status	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware								
All Races	12,104	100	10,389	86	52	0	1,663	14
Married	5,724	100	5,508	96	15	0	201	4
Single	6,380	100	4,881	77	37	1	1,462	23
Non-Hispanic White	5,564	100	4,966	89	12	0	586	11
Married	3,430	100	3,325	97	4	0	101	3
Single	2,134	100	1,641	77	8	0	485	23
Non-Hispanic Black	3,688	100	2,870	78	27	1	791	21
Married	939	100	879	94	7	1	53	6
Single	2,749	100	1,991	72	20	1	738	27
Non-Hispanic Other	745	100	706	95	0	0	39	5
Married	613	100	592	97	0	0	21	3
Single	132	100	114	86	0	0	18	14
Kent								
All Races	2,447	100	2,066	84	12	0	369	15
Married	1,170	100	1,119	96	4	0	47	4
Single	1,277	100	947	74	8	1	322	25
Non-Hispanic White	1,246	100	1,097	88	5	0	144	12
Married	753	100	723	96	2	0	28	4
Single	493	100	374	76	3	1	116	24
Non-Hispanic Black	835	100	647	77	6	1	182	22
Married	241	100	225	93	2	1	14	6
Single	594	100	422	71	4	1	168	28
Non-Hispanic Other	100	100	93	93	0	0	7	7
Married	67	100	65	97	0	0	2	3
Single	33	100	28	85	0	0	5	15
New Castle								
All Races	7,080	100	6,027	85	28	0	1,025	14
Married	3,450	100	3,330	97	8	0	112	3
Single	3,630	100	2,697	74	20	1	913	25
Non-Hispanic White	2,927	100	2,608	89	6	0	313	11
Married	1,920	100	1,873	98	2	0	45	2
Single	1,007	100	735	73	4	0	268	27
Non-Hispanic Black	2,387	100	1,844	77	16	1	527	22
Married	598	100	562	94	3	1	33	6
Single	1,789	100	1,282	72	13	1	494	28
Non-Hispanic Other	577	100	548	95	0	0	29	5
Married	501	100	483	96	0	0	18	4
Single	76	100	65	86	0	0	11	14
Sussex								
All Races	2,577	100	2,296	89	12	0	269	10
Married	1,104	100	1,059	96	3	0	42	4
Single	1,473	100	1,237	84	9	1	227	15
Non-Hispanic White	1,391	100	1,261	91	1	0	129	9
Married	757	100	729	96	0	0	28	4
Single	634	100	532	84	1	0	101	16
Non-Hispanic Black	466	100	379	81	5	1	82	18
Married	100	100	92	92	2	2	6	6
Single	366	100	287	78	3	1	76	21
Non-Hispanic Other	68	100	65	96	0	0	3	4
Married	45	100	44	98	0	0	1	2
Single	23	100	21	91	0	0	2	9

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, 2011-2021

ALL RACES

Area/ Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Delaware	14,432	14,263	13,420	13,459	13,571	12,900	12,558	12,156	12,150	12,416	12,104
<15	32	28	18	18	17	16	8	9	14	11	9
15-19	1,378	1,172	1,067	926	823	791	701	662	654	629	546
15-17	427	348	304	273	241	217	198	179	184	153	126
18-19	951	824	763	653	582	574	503	483	470	476	420
20-24	3,702	3,703	3,290	3,156	3,058	2,651	2,545	2,409	2,297	2,377	2,326
25-29	4,118	3,990	3,797	3,924	3,965	3,855	3,795	3,544	3,646	3,571	3,325
30-34	3,279	3,427	3,424	3,508	3,623	3,548	3,476	3,494	3,443	3,528	3,572
35-39	1,535	1,564	1,451	1,525	1,720	1,681	1,670	1,672	1,701	1,853	1,893
40+	388	379	373	402	365	358	363	366	395	447	433
Kent	2,689	2,752	2,672	2,683	2,680	2,579	2,514	2,485	2,428	2,551	2,447
<15	3	2	2	3	3	3	2	2	1	4	2
15-19	267	235	201	169	149	187	158	131	132	127	109
15-17	73	60	53	44	43	47	45	35	35	21	22
18-19	194	175	148	125	106	140	113	96	97	106	87
20-24	773	808	778	754	731	612	598	592	526	627	562
25-29	831	783	785	844	846	859	803	771	782	762	728
30-34	551	597	611	631	612	595	604	667	641	642	679
35-39	217	262	228	231	288	257	272	268	272	313	310
40+	47	65	67	51	51	66	77	54	74	76	57
New Castle	9,142	8,781	8,225	8,153	8,236	7,759	7,494	7,144	7,149	7,398	7,080
<15	21	22	14	11	8	8	5	6	8	4	4
15-19	846	682	626	540	476	432	369	372	340	323	264
15-17	272	215	187	172	140	120	100	100	100	86	67
18-19	574	467	439	368	336	312	269	272	240	237	197
20-24	2,147	2,082	1,861	1,729	1,681	1,427	1,373	1,274	1,231	1,256	1,203
25-29	2,527	2,445	2,251	2,285	2,316	2,221	2,171	2,009	2,075	2,119	1,858
30-34	2,244	2,275	2,236	2,273	2,375	2,299	2,264	2,148	2,165	2,223	2,206
35-39	1,074	1,033	987	1,026	1,113	1,135	1,082	1,105	1,089	1,194	1,247
40+	283	242	250	289	267	237	230	230	241	279	298
Sussex	2,601	2,730	2,523	2,623	2,655	2,562	2,550	2,527	2,573	2,467	2,577
<15	8	4	2	4	6	5	1	1	5	3	3
15-19	265	255	240	217	198	172	174	159	182	179	173
15-17	82	73	64	57	58	50	53	44	49	46	37
18-19	183	182	176	160	140	122	121	115	133	133	136
20-24	782	813	651	673	646	612	574	543	540	494	561
25-29	760	762	761	795	803	775	821	764	789	690	739
30-34	484	555	577	604	636	654	608	679	637	663	687
35-39	244	269	236	268	319	289	316	299	340	346	336
40+	58	72	56	62	47	55	56	82	80	92	78

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, 2011-2021

NON-HISPANIC WHITE

Area/ Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Delaware	7,533	7,396	6,870	6,767	6,821	6,548	6,003	5,822	5,565	5,607	5,564
<15	6	7	2	4	1	5	1	1	3	4	0
15-19	554	483	368	330	290	283	230	216	155	158	143
15-17	167	125	91	82	71	68	62	52	32	31	28
18-19	387	358	277	248	219	215	168	164	123	127	115
20-24	1,678	1,667	1,469	1,361	1,297	1,108	1,041	936	844	860	813
25-29	2,227	2,098	1,994	2,082	2,037	2,024	1,811	1,741	1,687	1,627	1,549
30-34	1,982	2,055	2,015	1,996	2,074	2,071	1,913	1,906	1,853	1,885	1,949
35-39	864	871	813	793	936	870	836	867	846	874	922
40+	222	215	209	201	186	187	171	155	177	199	188
Kent	1,589	1,603	1,518	1,531	1,491	1,445	1,323	1,341	1,202	1,323	1,246
<15	1	2	1	1	0	2	0	0	0	2	0
15-19	134	102	77	80	61	77	60	55	39	51	42
15-17	37	26	20	18	16	19	18	13	9	9	7
18-19	97	76	57	62	45	58	42	42	30	42	35
20-24	403	416	401	375	355	312	282	284	230	300	244
25-29	536	485	479	524	492	515	438	446	407	412	387
30-34	373	395	387	401	390	375	358	396	354	385	393
35-39	115	166	133	121	165	133	147	141	138	139	157
40+	27	37	40	29	28	31	38	19	34	34	23
New Castle	4,435	4,167	3,911	3,747	3,794	3,630	3,236	3,063	2,950	2,959	2,927
<15	3	3	1	2	0	1	1	1	2	0	0
15-19	268	231	169	134	145	137	106	95	67	50	45
15-17	89	57	41	35	34	31	28	22	15	11	9
18-19	179	174	128	99	111	106	78	73	52	39	36
20-24	865	774	717	635	600	485	463	390	357	333	312
25-29	1,250	1,153	1,067	1,077	1,058	1,031	881	844	820	807	757
30-34	1,296	1,316	1,267	1,233	1,286	1,277	1,174	1,089	1,091	1,101	1,127
35-39	597	556	560	526	575	578	506	549	511	552	565
40+	156	134	130	140	130	121	105	95	102	116	121
Sussex	1,509	1,626	1,441	1,489	1,536	1,473	1,444	1,418	1,413	1,325	1,391
<15	2	2	0	1	1	2	0	0	1	2	0
15-19	152	150	122	116	84	69	64	66	49	57	56
15-17	41	42	30	29	21	18	16	17	8	11	12
18-19	111	108	92	87	63	51	48	49	41	46	44
20-24	410	477	351	351	342	311	296	262	257	227	257
25-29	441	460	448	481	487	478	492	451	460	408	405
30-34	313	344	361	362	398	419	381	421	408	399	429
35-39	152	149	120	146	196	159	183	177	197	183	200
40+	39	44	39	32	28	35	28	41	41	49	44

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, 2011-2021

NON-HISPANIC BLACK

Area/ Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Delaware	4,416	4,357	4,147	3,938	4,049	3,795	3,683	3,573	3,679	3,897	3,688
<15	23	16	8	12	9	6	6	8	6	3	4
15-19	591	489	480	393	336	325	281	273	315	287	217
15-17	183	167	132	129	110	95	85	82	90	68	54
18-19	408	322	348	264	226	230	196	191	225	219	163
20-24	1,451	1,447	1,301	1,175	1,182	1,017	933	907	871	927	921
25-29	1,116	1,142	1,077	1,065	1,158	1,100	1,162	1,037	1,104	1,156	997
30-34	743	792	810	804	831	807	771	793	815	870	904
35-39	385	374	373	386	441	438	426	445	450	513	529
40+	107	97	98	103	92	102	104	110	118	141	116
Kent	831	832	838	807	838	809	832	781	841	875	835
<15	2	-	-	1	3	1	2	2	1	2	1
15-19	108	111	87	61	63	77	64	55	73	63	48
15-17	29	27	23	18	22	17	16	17	21	10	11
18-19	79	84	64	43	41	60	48	38	52	53	37
20-24	293	284	287	275	277	225	228	216	195	232	232
25-29	211	219	221	225	247	244	252	219	255	257	231
30-34	126	137	153	156	147	150	166	181	202	176	200
35-39	75	68	69	72	87	92	91	87	90	113	106
40+	16	13	21	17	14	20	29	21	25	32	17
New Castle	3,068	3,019	2,805	2,623	2,744	2,499	2,378	2,328	2,387	2,576	2,387
<15	16	15	7	8	5	4	4	5	4	1	3
15-19	411	320	323	273	227	200	170	181	185	178	134
15-17	126	117	91	93	73	62	51	54	53	46	35
18-19	285	203	232	180	154	138	119	127	132	132	99
20-24	949	978	839	723	753	634	571	569	560	592	561
25-29	778	798	726	706	777	721	751	672	714	779	630
30-34	552	570	583	559	600	564	517	520	527	591	598
35-39	282	272	252	276	309	306	295	306	318	337	370
40+	80	66	75	78	73	70	70	75	79	98	91
Sussex	517	506	504	508	467	487	473	464	451	446	466
<15	5	1	1	3	1	1	0	1	1	0	0
15-19	72	58	70	59	46	48	47	37	57	46	35
15-17	28	23	18	18	15	16	18	11	16	12	8
18-19	44	35	52	41	31	32	29	26	41	34	27
20-24	209	185	175	177	152	158	134	122	116	103	128
25-29	127	125	130	134	134	135	159	146	135	120	136
30-34	65	85	74	89	84	93	88	92	86	103	106
35-39	28	34	52	38	45	40	40	52	42	63	53
40+	11	18	2	8	5	12	5	14	14	11	8

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 , 2011-2021

ALL RACES

Area/ Age	2011- 2015	2012- 2016	2013- 2017	2014- 2018	2015- 2019	2016- 2020	2017- 2021
Delaware	76.9	75.1	73.0	71.4	69.7	68.0	66.7
<15	0.8	0.7	0.5	0.5	0.4	0.4	0.3
15-19	36.7	33.2	30.0	27.1	25.1	23.6	21.8
15-17	18.7	16.2	14.3	12.8	11.7	10.7	9.6
18-19	62.0	57.8	53.4	48.7	45.2	43.0	40.2
20-24	100.7	94.9	89.6	86.9	84.1	81.6	80.5
25-29	132.2	127.0	121.9	115.8	110.6	106.7	104.0
30-34	116.7	117.2	116.6	116.7	115.6	113.4	110.6
35-39	57.3	57.5	57.0	56.9	56.7	56.5	57.2
40+	6.0	6.0	6.1	6.2	6.2	6.5	6.8
Kent	78.2	76.9	74.9	73.3	71.3	70.1	68.6
<15	0.5	0.4	0.4	0.4	0.4	0.4	0.4
15-19	36.3	33.4	30.5	27.6	26.1	25.2	22.4
15-17	16.5	14.6	13.5	12.3	11.8	10.5	9.0
18-19	64.5	61.6	56.4	51.2	48.0	47.1	42.2
20-24	114.7	110.6	107.0	105.5	101.8	100.7	99.6
25-29	140.4	135.7	130.4	124.4	118.7	114.9	112.1
30-34	108.4	108.2	107.1	107.7	106.4	104.6	103.4
35-39	47.3	48.0	47.3	47.6	48.2	48.3	49.5
40+	4.8	5.2	5.5	5.3	5.8	6.3	6.1
New Castle	75.3	73.0	70.9	69.1	67.3	65.7	64.3
<15	0.9	0.7	0.5	0.4	0.4	0.4	0.3
15-19	33.7	29.8	26.7	24.1	21.9	20.2	18.4
15-17	18.0	15.3	13.2	11.6	10.3	9.3	8.3
18-19	55.6	50.8	46.6	42.6	39.2	36.4	33.3
20-24	87.2	81.5	77.0	74.9	73.4	71.6	70.8
25-29	126.5	119.7	112.7	105.2	99.4	96.1	93.7
30-34	122.4	122.2	121.9	121.4	120.3	117.4	113.1
35-39	61.9	61.7	60.9	60.5	59.8	59.6	60.4
40+	6.8	6.7	6.7	6.8	6.6	6.8	7.2
Sussex	81.4	80.4	78.3	77.3	75.7	73.3	72.1
<15	0.9	0.7	0.6	0.6	0.6	0.5	0.4
15-19	42.6	38.7	35.6	32.6	31.0	29.9	29.5
15-17	20.1	18.2	16.9	15.5	14.8	13.9	12.9
18-19	76.7	68.9	63.1	58.2	55.7	54.1	54.7
20-24	140.2	130.7	117.1	108.6	100.6	93.8	90.7
25-29	143.1	143.0	145.8	146.2	145.3	138.3	133.6
30-34	105.9	109.5	108.9	110.6	109.9	109.6	109.9
35-39	52.4	53.4	54.0	54.5	55.3	54.3	54.4
40+	4.7	4.8	4.6	5.0	5.4	6.1	6.5

Notes:

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

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

TABLE D-9. FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2011-2021

NON-HISPANIC WHITE

Area/ Age	2011- 2015	2012- 2016	2013- 2017	2014- 2018	2015- 2019	2016- 2020	2017- 2021
Delaware	67.8	66.4	64.0	62.2	60.0	57.6	55.6
<15	0.3	0.3	0.2	0.2	0.2	0.2	0.1
15-19	25.0	22.3	19.5	17.7	15.6	14.0	12.2
15-17	11.5	9.5	8.2	7.4	6.4	5.6	4.7
18-19	43.4	40.4	35.7	32.6	28.9	26.2	23.2
20-24	75.3	70.9	66.7	64.0	61.1	58.2	56.0
25-29	119.8	113.9	106.8	100.0	93.0	88.2	84.8
30-34	119.2	119.2	117.1	115.4	112.8	108.4	103.4
35-39	54.7	54.3	52.7	51.9	51.3	49.6	49.6
40+	5.2	5.2	5.1	5.0	5.0	5.1	5.2
Kent	76.3	74.6	71.6	69.6	66.2	64.3	62.1
<15	0.3	0.4	0.3	0.2	0.1	0.3	0.1
15-19	29.8	25.7	22.6	20.9	18.1	17.3	15.1
15-17	12.8	10.6	9.6	8.7	7.7	6.9	5.7
18-19	55.4	48.7	42.7	39.6	33.8	32.8	28.9
20-24	115.0	112.4	106.5	100.9	92.8	89.0	83.5
25-29	140.6	137.6	134.5	133.1	127.7	126.1	122.0
30-34	111.7	110.1	106.7	106.0	102.4	100.9	100.6
35-39	43.0	43.3	41.3	40.7	40.8	38.7	39.5
40+	4.2	4.4	4.6	4.1	4.3	4.5	4.2
New Castle	64.1	62.3	60.0	57.8	55.6	53.2	51.0
<15	0.2	0.2	0.1	0.1	0.1	0.1	0.1
15-19	19.7	17.9	15.7	14.4	13.1	11.0	9.0
15-17	9.5	7.5	6.5	5.9	5.3	4.4	3.6
18-19	32.8	32.2	28.8	26.4	24.2	20.4	16.7
20-24	54.7	50.4	48.2	46.4	45.0	42.6	40.9
25-29	108.3	99.5	89.2	80.0	72.3	67.6	65.0
30-34	128.1	127.6	125.2	122.3	119.0	112.3	104.1
35-39	63.0	62.1	59.6	57.8	56.1	54.8	54.3
40+	6.0	6.0	5.9	5.8	5.6	5.6	5.7
Sussex	70.8	70.2	68.1	67.3	65.9	63.2	61.8
<15	0.4	0.4	0.2	0.2	0.2	0.3	0.2
15-19	35.2	30.6	26.1	23.2	19.5	18.1	17.4
15-17	15.4	13.5	11.2	10.0	8.0	7.0	6.4
18-19	64.5	54.9	47.2	42.2	36.2	34.0	33.4
20-24	115.8	107.7	93.4	85.3	78.4	71.8	68.9
25-29	132.5	133.6	135.5	135.3	132.4	124.6	117.6
30-34	101.2	105.0	105.0	106.2	106.6	105.2	104.3
35-39	44.2	44.5	45.6	47.5	48.8	46.5	47.4
40+	3.9	3.9	3.7	3.8	4.0	4.5	4.8

Notes:

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

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

TABLE D-10. FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2011-2021

NON-HISPANIC BLACK

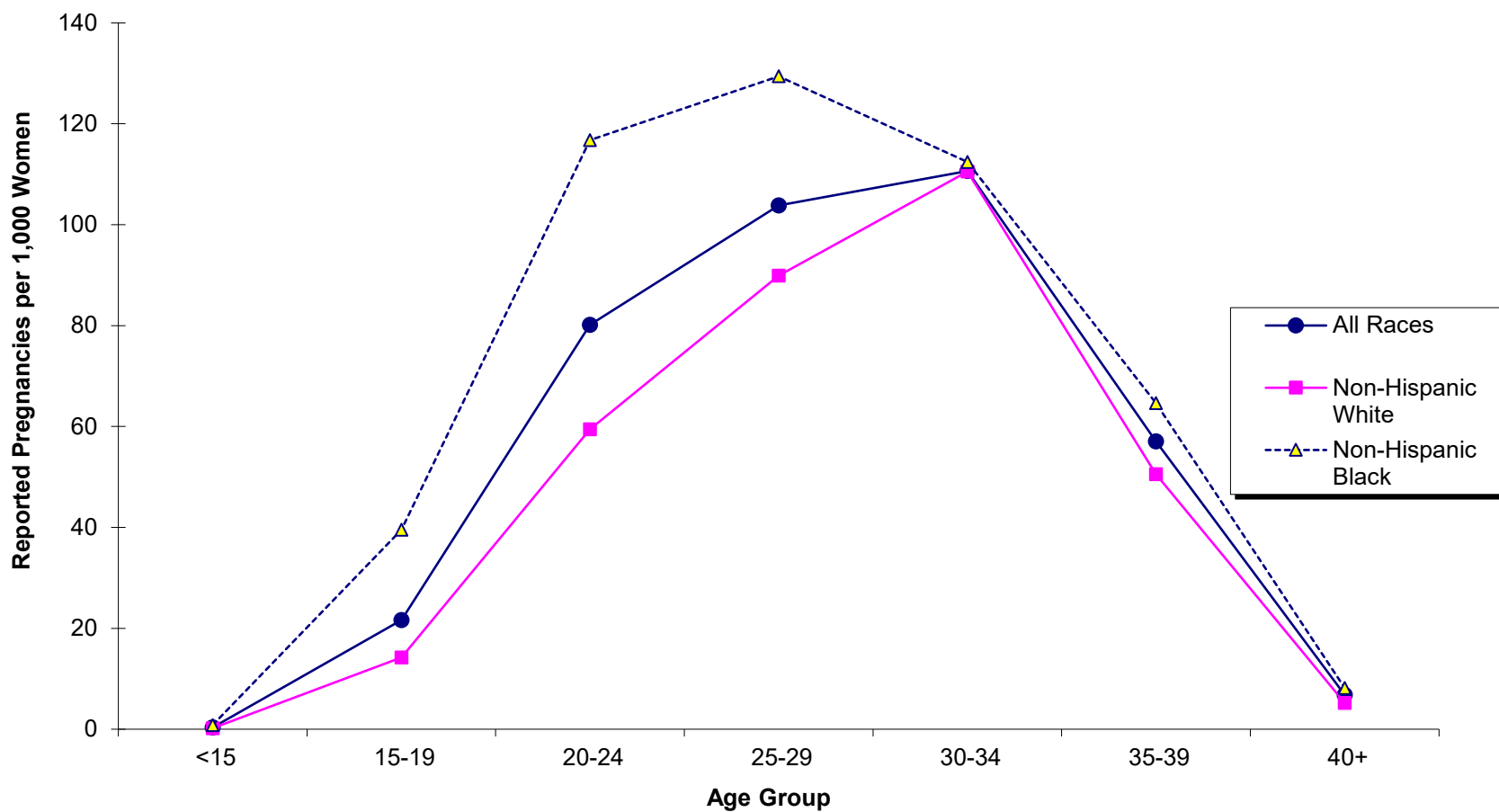
Area/ Age	2011- 2015	2012- 2016	2013- 2017	2014- 2018	2015- 2019	2016- 2020	2017- 2021
Delaware	97.6	94.5	91.2	88.4	86.9	85.9	85.1
<15	1.9	1.4	1.2	1.2	1.0	0.9	0.8
15-19	60.3	54.1	49.1	43.7	41.9	40.8	38.3
15-17	32.6	28.7	25.0	22.8	21.2	19.5	17.9
18-19	99.3	90.6	84.4	74.8	72.3	71.6	67.3
20-24	161.4	148.9	136.4	128.9	124.1	120.7	120.2
25-29	161.8	155.8	150.7	143.0	138.6	134.4	130.6
30-34	118.3	119.6	118.3	117.7	117.1	116.2	115.0
35-39	62.5	63.6	64.2	64.9	65.5	66.8	69.2
40+	6.5	6.6	6.8	7.2	7.6	8.5	8.8
Kent	89.4	88.4	87.9	86.2	86.5	86.6	86.3
<15	0.8	0.7	0.9	1.2	1.2	1.1	1.1
15-19	52.1	51.5	46.7	42.6	44.4	44.4	40.3
15-17	26.5	23.9	21.3	20.0	20.8	18.2	16.8
18-19	82.7	89.4	84.4	76.4	79.3	82.8	75.0
20-24	118.0	112.5	113.8	118.8	123.2	130.7	140.1
25-29	155.7	143.4	129.0	113.2	105.5	100.5	99.6
30-34	113.6	116.1	119.5	121.5	124.2	119.4	112.8
35-39	63.1	65.4	67.9	69.3	70.7	73.8	75.1
40+	5.8	6.2	7.5	7.7	8.4	10.0	9.8
New Castle	100.0	96.0	91.4	88.1	86.3	85.0	84.1
<15	2.1	1.7	1.2	1.2	1.0	0.8	0.8
15-19	62.5	54.1	48.3	42.8	39.5	37.8	35.7
15-17	33.9	29.7	25.2	22.7	20.2	18.6	17.2
18-19	104.2	89.6	82.5	72.7	67.8	65.4	61.9
20-24	175.6	159.7	140.0	127.8	121.1	115.3	112.8
25-29	166.1	161.4	158.1	153.1	150.6	147.5	141.5
30-34	123.4	123.8	121.2	119.0	117.7	117.1	117.2
35-39	63.2	64.0	64.2	65.4	66.1	66.5	69.3
40+	7.0	6.9	7.2	7.3	7.5	8.2	8.8
Sussex	98.7	97.5	95.9	93.9	91.1	89.7	88.1
<15	2.4	1.5	1.3	1.3	0.9	0.6	0.4
15-19	63.1	58.5	56.4	50.1	50.4	50.7	47.9
15-17	35.0	31.6	30.1	27.8	27.2	26.5	23.6
18-19	105.5	97.7	94.1	82.9	85.2	86.3	83.5
20-24	200.8	187.0	172.2	157.1	141.8	131.5	126.2
25-29	149.3	149.1	156.6	159.6	159.5	155.1	153.5
30-34	96.5	101.6	100.6	104.6	102.8	105.7	107.2
35-39	56.4	58.4	58.0	55.1	54.4	57.6	59.8
40+	5.0	5.2	3.9	5.5	6.5	7.5	7.0

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

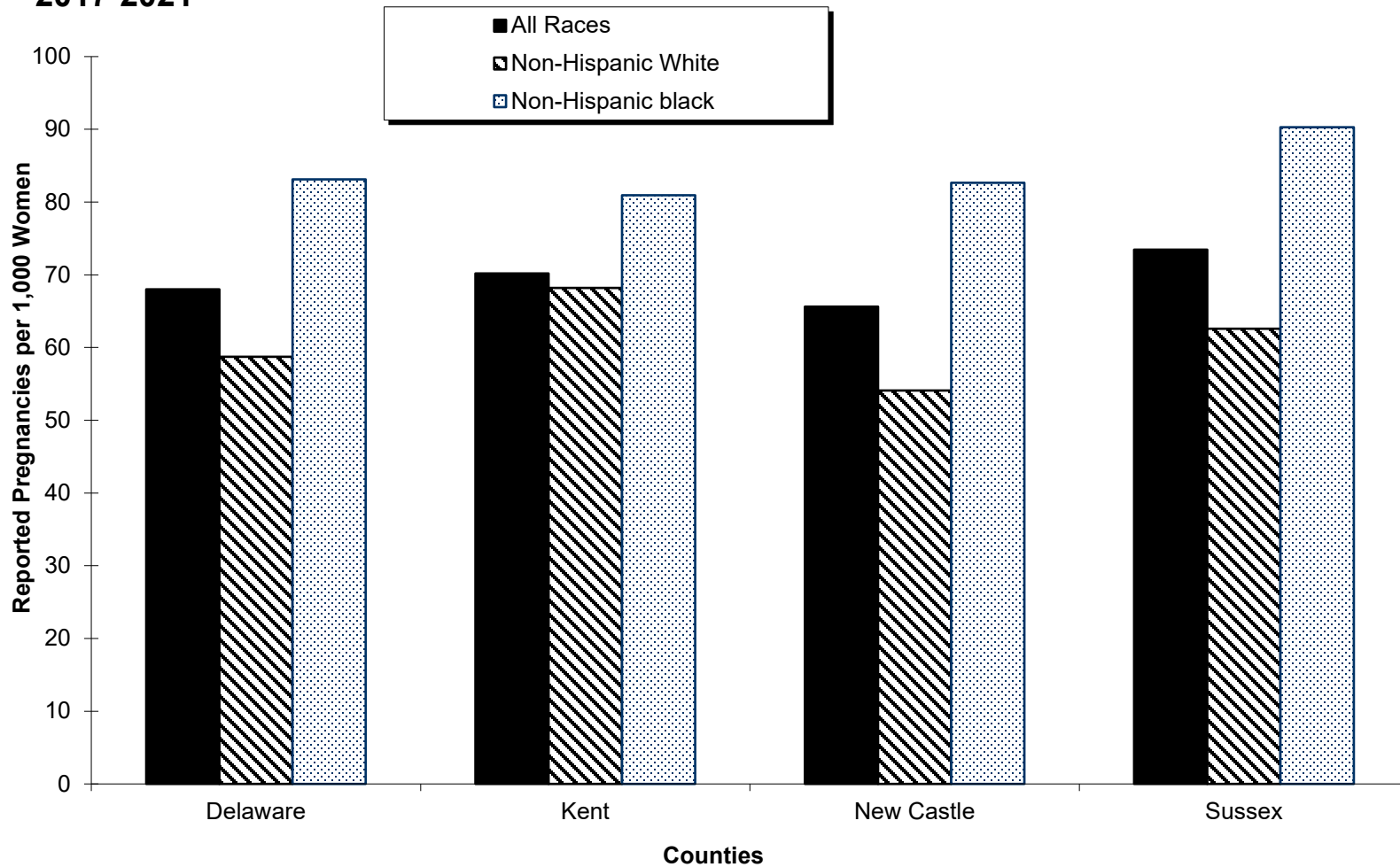
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-1. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2017-2021



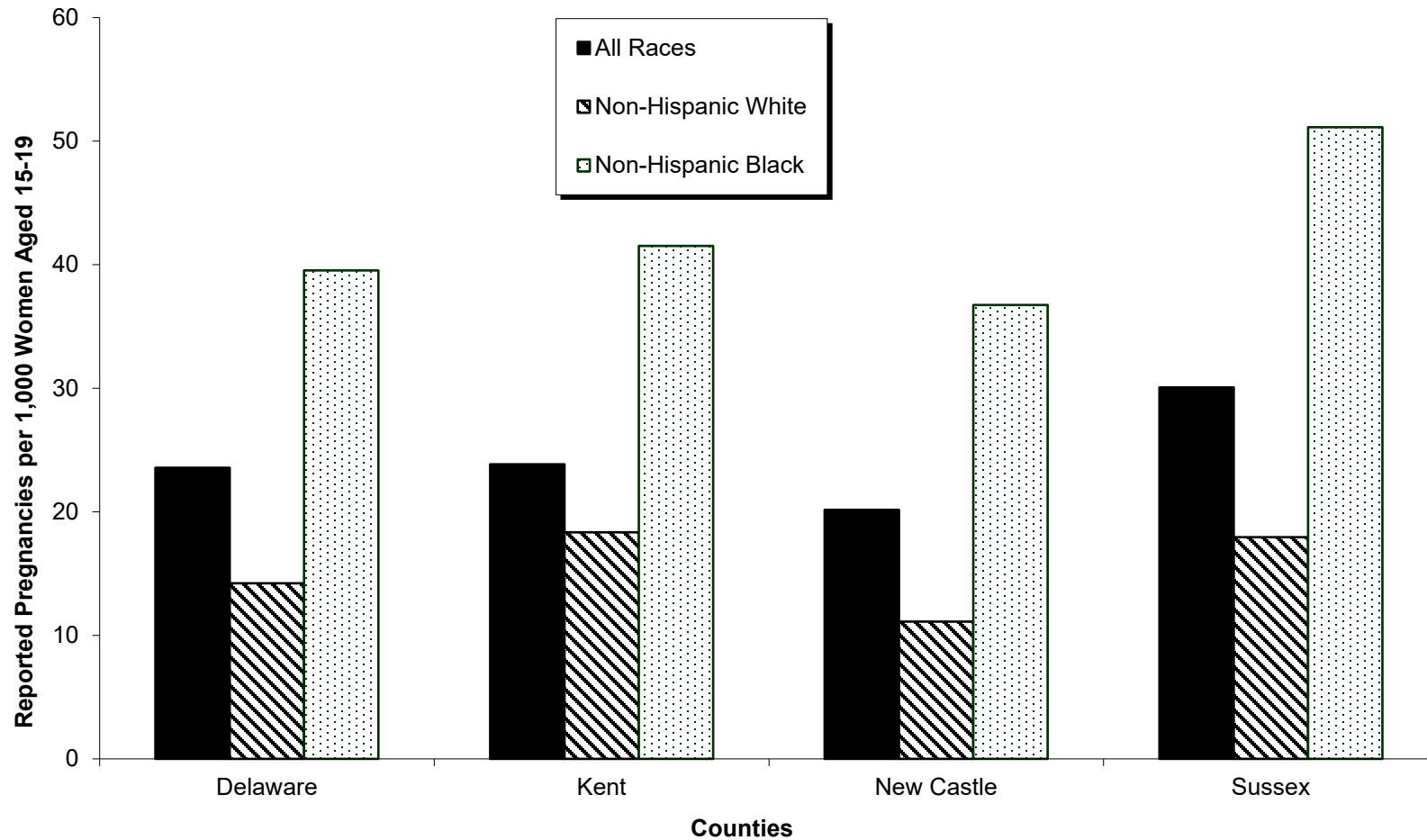
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-2. Five-year Average Rate of Reported Pregnancies by County and Race, Delaware, 2017-2021



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, 2017-2021



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

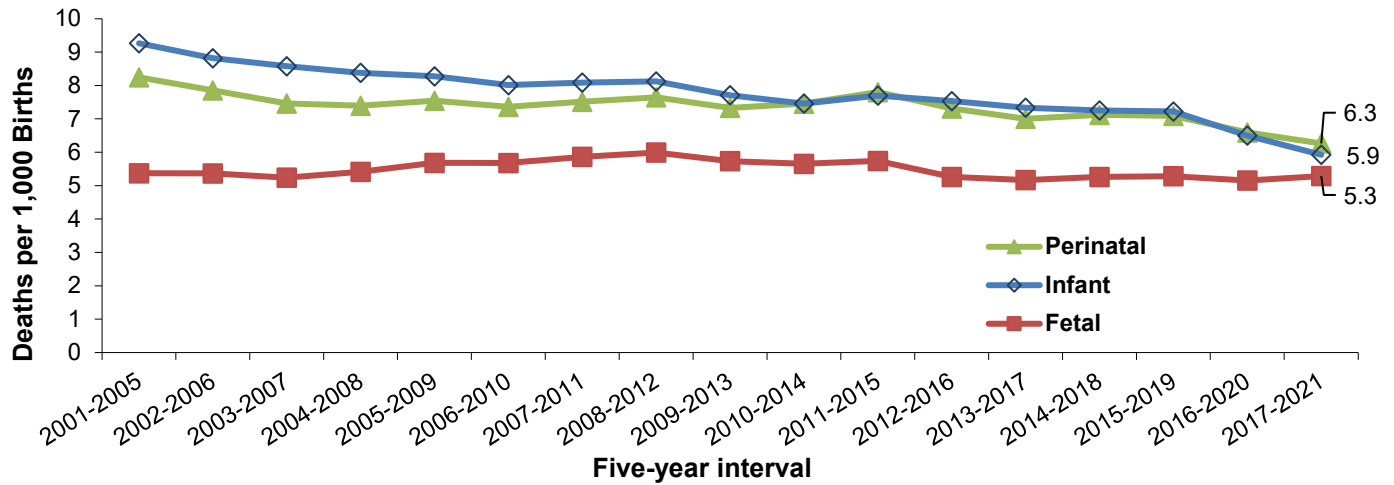
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Fetal & Perinatal Deaths

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 2017-2021. By 2017-2021 the infant mortality rate fell below the perinatal rate with 5.9 infant deaths per 1,000 live births compared to 6.3 perinatal deaths per 1,000 live births. Fetal death rates remain consistently lower than both perinatal and infant mortality rates.

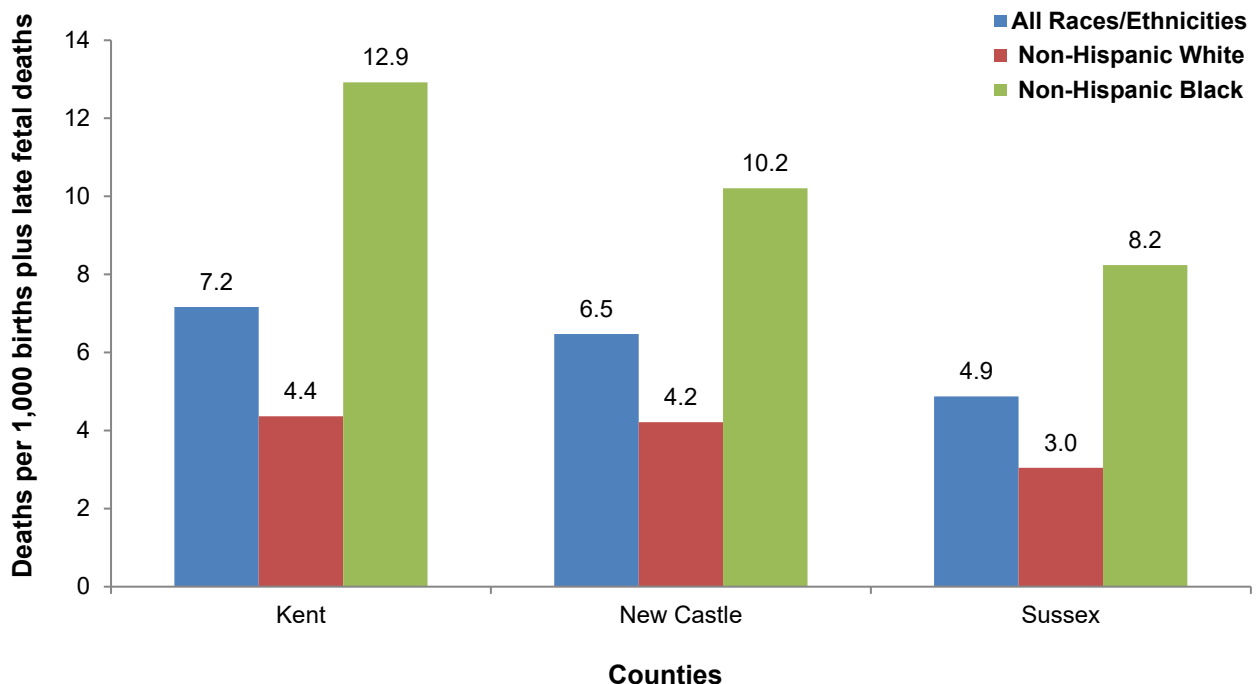
Figure 24. Five-year Fetal, Perinatal, and Infant Mortality Rates, Delaware, 2001-2021



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

Non-Hispanic black perinatal mortality rates for 2017-2021 were substantially higher than non-Hispanic white perinatal mortality rates, regardless of county. In Kent County, the non-Hispanic black perinatal mortality rate of 12.9 perinatal deaths per 1,000 live births was three times that of the non-Hispanic white perinatal mortality rate of 4.4 perinatal deaths per 1,000 live births.

Figure 25. Five-year Average Perinatal Mortality Rates by Race and County, Delaware, 2017-2021

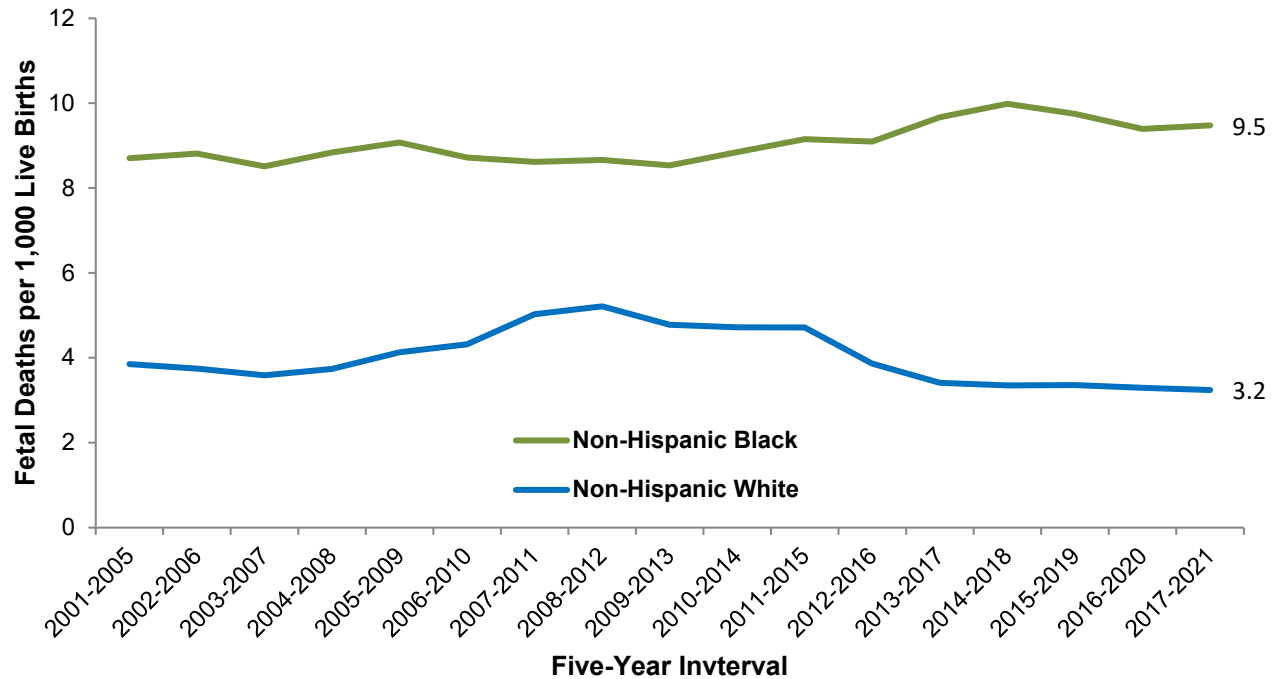


Source: Delaware Department of Social Services, Division of Public Health, Delaware Health Statistics Center

FETAL AND PERINATAL DEATHS

In 2021, 52 fetal deaths were reported in Delaware. In 2017-2021, 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 2017-2021 they were 197 percent higher than the rate of non-Hispanic white women (9.5 versus 3.2).

Figure 26. Five-year Average Fetal Mortality Rates by Mother's Race, Delaware, 2001-2021



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, 2021**

Area/ Age	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Delaware	52	12	27	0	13
<20	3	0	3	0	0
20-24	10	1	4	0	5
25-34	27	8	13	0	6
35+	12	3	7	0	2
Unknown	0	0	0	0	0
Kent	12	5	6	0	1
<20	1	0	1	0	0
20-24	2	0	1	0	1
25-34	6	4	2	0	0
35+	3	1	2	0	0
Unknown	0	0	0	0	0
New Castle	28	6	16	0	6
<20	2	0	2	0	0
20-24	4	1	2	0	1
25-34	15	3	8	0	4
35+	7	2	4	0	1
Unknown	0	0	0	0	0
Sussex	12	1	5	0	6
<20	0	0	0	0	0
20-24	4	0	1	0	3
25-34	6	1	3	0	2
35+	2	0	1	0	1
Unknown	0	0	0	0	0

Notes:

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

*People of Hispanic origin may be of any race.

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

TABLE D-12. NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN, DELAWARE, 2021

Education	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Total	52	12	27	0	13
<9	3	0	0	0	3
9 to 11	5	1	3	0	1
H.S. Grad	15	2	11	0	2
1 to 3 College	12	5	6	0	1
4+ College	9	3	2	0	4
Unknown	8	1	5	0	2

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, 2021

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Delaware	52	12	27	0	13
Married	15	4	7	0	4
Single	37	8	20	0	9
Kent	12	5	6	0	1
Married	4	2	2	0	0
Single	8	3	4	0	1
New Castle	28	6	16	0	6
Married	8	2	3	0	3
Single	20	4	13	0	3
Sussex	12	1	5	0	6
Married	3	0	2	0	1
Single	9	1	3	0	5

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.

TABLE D-14. NUMBER OF FETAL DEATHS BY WEIGHT OF FETUS IN GRAMS AND RACE OF WOMAN BY COUNTY, DELAWARE, 2021

Area/ Weight	Race				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic
Delaware	52	12	27	0	13
<500	20	5	11	0	4
500-749	7	2	4	0	1
750-999	4	1	0	0	3
1000-1499	8	1	7	0	0
1500-1999	3	1	2	0	0
2000-2499	3	1	1	0	1
2500+	7	1	2	0	4
Unknown	0	0	0	0	0
Kent	12	5	6	0	1
<500	4	1	2	0	1
500-749	1	0	1	0	0
750-999	1	1	0	0	0
1000-1499	2	1	1	0	0
1500-1999	0	0	0	0	0
2000-2499	1	1	0	0	0
2500+	3	1	2	0	0
Unknown	0	0	0	0	0
New Castle	28	6	16	0	6
<500	13	4	7	0	2
500-749	4	1	2	0	1
750-999	3	0	0	0	3
1000-1499	5	0	5	0	0
1500-1999	3	1	2	0	0
2000-2499	0	0	0	0	0
2500+	0	0	0	0	0
Unknown	0	0	0	0	0
Sussex	12	1	5	0	6
<500	3	0	2	0	1
500-749	2	1	1	0	0
750-999	0	0	0	0	0
1000-1499	1	0	1	0	0
1500-1999	0	0	0	0	0
2000-2499	2	0	1	0	1
2500+	4	0	0	0	4
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, 2021

Area/ Age	Race				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic
Delaware	52	12	27	0	13
<20 Weeks	2	0	1	0	1
20-24 Weeks	18	4	11	0	3
25-29 Weeks	13	5	4	0	4
30-34 Weeks	6	1	5	0	0
35-39 Weeks	9	1	5	0	3
40+ Weeks	3	1	0	0	2
Unknown	1	0	1	0	0
Kent	12	5	6	0	1
<20 Weeks	0	0	0	0	0
20-24 Weeks	3	0	2	0	1
25-29 Weeks	5	3	2	0	0
30-34 Weeks	0	0	0	0	0
35-39 Weeks	3	1	2	0	0
40+ Weeks	1	1	0	0	0
Unknown	0	0	0	0	0
New Castle	28	6	16	0	6
<20 Weeks	2	0	1	0	1
20-24 Weeks	12	3	7	0	2
25-29 Weeks	7	2	2	0	3
30-34 Weeks	4	1	3	0	0
35-39 Weeks	3	0	3	0	0
40+ Weeks	0	0	0	0	0
Unknown	0	0	0	0	0
Sussex	12	1	5	0	6
<20 Weeks	0	0	0	0	0
20-24 Weeks	3	1	2	0	0
25-29 Weeks	1	0	0	0	1
30-34 Weeks	2	0	2	0	0
35-39 Weeks	3	0	0	0	3
40+ Weeks	2	0	0	0	2
Unknown	1	0	1	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

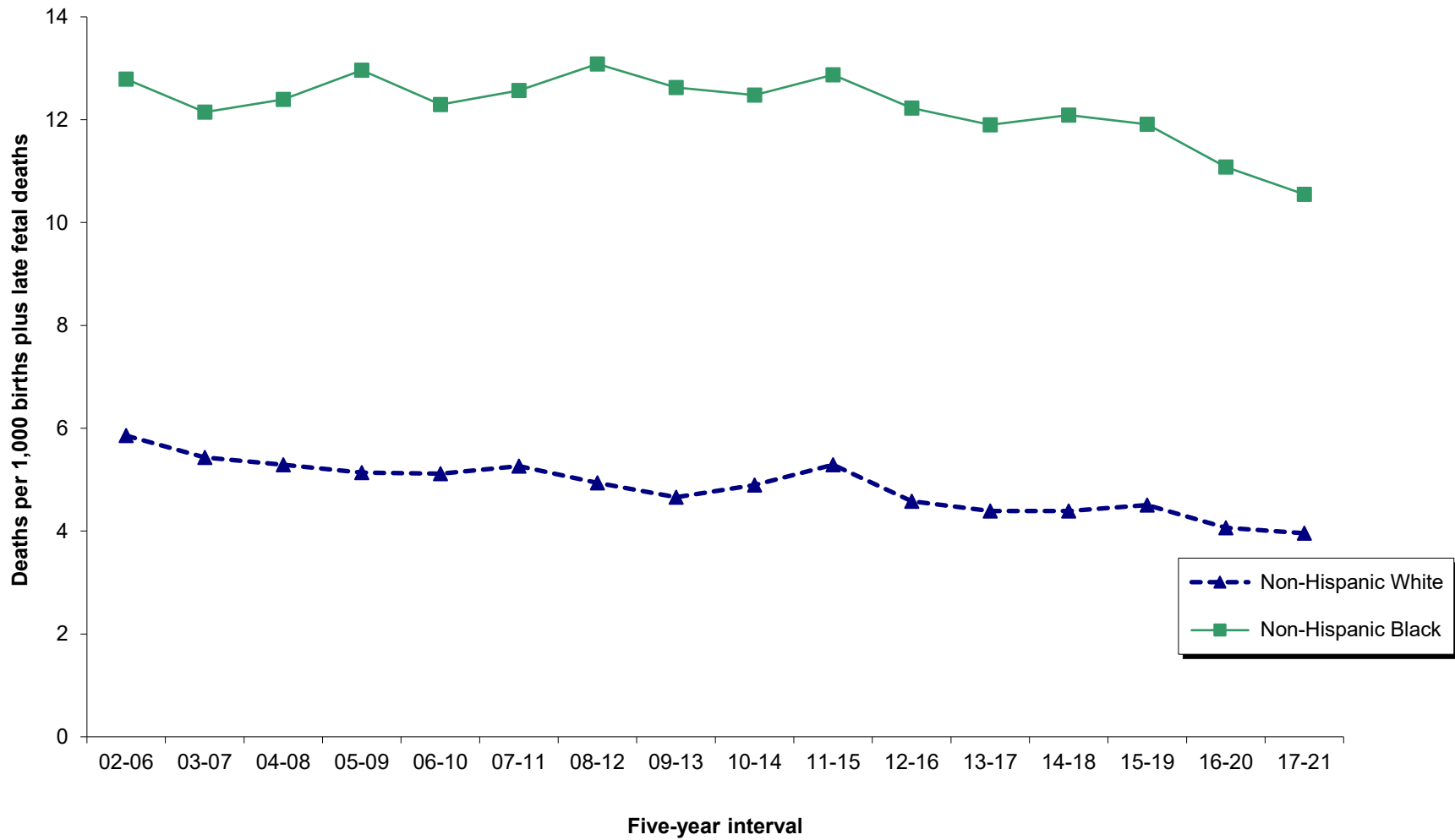
TABLE D-16. FIVE-YEAR AVERAGE PERINATAL MORTALITY RATES BY RACE AND COUNTY, DELAWARE, 2007-2021

Area/ Race	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Delaware											
All Races	7.5	7.6	7.3	7.5	7.8	7.3	7.0	7.1	7.1	6.6	6.3
White Non-Hispanic	5.3	4.9	4.7	4.9	5.3	4.6	4.4	4.4	4.5	4.1	4.0
Black Non-Hispanic	12.6	13.1	12.6	12.5	12.9	12.2	11.9	12.1	11.9	11.1	10.5
Kent											
All Races	6.4	7.2	6.3	6.1	6.7	6.3	6.1	6.7	7.6	7.1	7.2
White Non-Hispanic	4.2	4.3	4.1	4.4	4.2	3.6	3.4	3.6	3.6	3.9	4.4
Black Non-Hispanic	11.1	13.2	10.9	8.9	11.2	11.2	10.6	12.1	14.2	12.9	12.9
New Castle											
All Races	8.3	8.4	8.1	8.4	8.8	8.0	7.8	7.8	7.7	7.1	6.5
White Non-Hispanic	5.7	5.4	4.9	4.9	5.8	4.7	4.6	4.6	5.0	4.4	4.2
Black Non-Hispanic	13.7	13.5	13.6	14.4	14.2	13.0	13.3	13.0	12.2	11.1	10.2
Sussex											
All Races	6.1	5.9	6.0	6.2	5.9	6.2	5.5	5.5	5.0	4.6	4.9
White Non-Hispanic	5.3	4.2	4.5	5.4	5.2	5.2	4.9	4.6	4.3	3.5	3.0
Black Non-Hispanic	9.6	10.8	10.5	8.8	9.0	10.0	7.4	8.0	7.0	8.1	8.2

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, 2002- 2021



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

TABLE D-17. NUMBER AND PERCENTAGE OF INDUCED TERMINATIONS OF PREGNANCY BY SELECTED CHARACTERISTICS, DELAWARE, 2021

Characteristic	Number	Percent	Characteristic	Number	Percent
Total	1,825	100.0%	Marital Status		
Place of Residence			Married	221	12.1%
Delaware	1,663	91.1%	Single	1,604	87.9%
Kent	369	20.2%	Unknown	-	0.0%
New Castle	1,025	56.2%	Weeks of Gestation		
Sussex	269	14.7%	<7 Weeks	425	23.3%
Maryland	62	3.4%	7 Weeks	396	21.7%
New Jersey	29	1.6%	8 Weeks	272	14.9%
Pennsylvania	57	3.1%	9-10 Weeks	392	21.5%
Other State	14	0.8%	11-12 Weeks	183	10.0%
Age			13-15 Weeks	95	5.2%
<15	4	0.2%	16-20 Weeks	26	1.4%
15-17	53	2.9%	21+ Weeks	11	0.6%
18-19	91	5.0%	Unknown	25	1.4%
20-24	540	29.6%	Type of Procedure		
25-29	482	26.4%	Suction Curettage	587	32.2%
30-34	379	20.8%	Medical (Nonsurgical)	1,223	67.0%
35-39	209	11.5%	Intrauterine Installation	0	0.0%
40+	67	3.7%	Other	3	0.2%
Unknown	0	0.0%	Unknown	12	0.7%
Race			Previous Pregnancies		
White	825	45.2%	None	498	27.3%
Black	922	50.5%	1	343	18.8%
American Indian	6	0.3%	2	334	18.3%
Asian and Pacific Islander	42	2.3%	3+	643	35.2%
Other Races	30	1.6%	Unknown	7	0.4%
Unknown	0		Previous Live Births		
Hispanic Origin			None	712	39.0%
Yes	267	14.6%	1	475	26.0%
No	1,558	85.4%	2	353	19.3%
Unknown	0	0.0%	3+	285	15.6%
Level of Education			Unknown	-	0.0%
<9	22	1.2%	Previous Induced Abortions		
9-11	132	7.2%	None	1,089	59.7%
H.S. Graduate	984	53.9%	1	433	23.7%
1 to 3 College	396	21.7%	2	183	10.0%
4+ College	191	10.5%	3+	114	6.2%
Unknown	100	5.5%	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 PERCENTAGE OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, RACE, AND AGE OF NON-HISPANIC WOMAN, DELAWARE, 2021

Place of Residence/ Race	Age															
	Total		<18		18-19		20-24		25-29		30-34		35+		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Terminations	1,558	100	43	3	68	4	454	29	419	27	338	22	236	15	0	0
Non-Hispanic White	666	100	17	3	24	4	177	27	179	27	158	24	111	17	0	0
Non-Hispanic Black	850	100	26	3	40	5	267	31	233	27	172	20	112	13	0	0
Non-Hispanic Other	42	100	0	0	4	10	10	24	7	17	8	19	13	31	0	0
Delaware	1,416	100	35	2	56	4	410	29	377	27	318	22	220	16	0	0
Non-Hispanic White	586	100	13	2	20	3	152	26	154	26	147	25	100	17	0	0
Non-Hispanic Black	791	100	22	3	33	4	250	32	216	27	163	21	107	14	0	0
Non-Hispanic Other	39	100	0	0	3	8	8	21	7	18	8	21	13	33	0	0
Kent	333	100	9	3	11	3	106	32	93	28	76	23	38	11	0	0
Non-Hispanic White	144	100	3	2	3	2	42	29	39	27	41	28	16	11	0	0
Non-Hispanic Black	182	100	6	3	7	4	61	34	54	30	34	19	20	11	0	0
Non-Hispanic Other	7	100	0	0	1	14	3	43	0	0	1	14	2	29	0	0
New Castle	869	100	20	2	36	4	249	29	233	27	188	22	143	16	0	0
Non-Hispanic White	313	100	5	2	11	4	81	26	85	27	78	25	53	17	0	0
Non-Hispanic Black	527	100	15	3	23	4	164	31	143	27	103	20	79	15	0	0
Non-Hispanic Other	29	100	0	0	2	7	4	14	5	17	7	24	11	38	0	0
Sussex	214	100	6	3	9	4	55	26	51	24	54	25	39	18	0	0
Non-Hispanic White	129	100	5	4	6	5	29	22	30	23	28	22	31	24	0	0
Non-Hispanic Black	82	100	1	1	3	4	25	30	19	23	26	32	8	10	0	0
Non-Hispanic Other	3	100	0	0	0	0	1	33	2	67	0	0	0	0	0	0
Other State	142	100	8	6	12	8	44	31	42	30	20	14	16	11	0	0
Non-Hispanic White	80	100	4	5	4	5	25	31	25	31	11	14	11	14	0	0
Non-Hispanic Black	59	100	4	7	7	12	17	29	17	29	9	15	5	8	0	0
Non-Hispanic Other	3	100.0	0	0.0	1	33.3	2	66.7	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 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, 2021

Place of Residence/ Weeks	Age						
	Total	<20	20-24	25-29	30-34	35-39	40+
All Terminations	1,825	148	540	482	379	209	67
<7 Weeks	425	23	117	112	102	47	24
7 Weeks	396	26	126	110	72	52	10
8 Weeks	272	28	79	77	50	28	10
9-10 Weeks	392	20	134	106	81	39	12
11-12 Weeks	183	32	47	48	34	16	6
13-15 Weeks	95	10	27	19	24	13	2
16-20 Weeks	26	6	2	4	8	6	-
21+ Weeks	11	1	2	3	1	3	1
Unknown	25	2	6	3	7	5	2
Delaware	1,663	125	487	435	357	200	59
<7 Weeks	389	21	107	100	95	43	23
7 Weeks	362	21	113	99	70	50	9
8 Weeks	244	24	66	69	48	28	9
9-10 Weeks	357	16	124	94	75	38	10
11-12 Weeks	170	28	44	46	32	15	5
13-15 Weeks	86	8	24	17	23	12	2
16-20 Weeks	24	5	2	4	7	6	-
21+ Weeks	10	1	2	3	1	3	-
Unknown	21	1	5	3	6	5	1
Kent	369	23	116	103	84	35	8
<7 Weeks	75	4	22	25	17	6	1
7 Weeks	84	5	28	21	21	8	1
8 Weeks	58	6	20	17	9	5	1
9-10 Weeks	90	3	31	23	21	10	2
11-12 Weeks	39	4	10	14	7	2	2
13-15 Weeks	16	1	5	2	5	2	1
16-20 Weeks	2	-	-	-	2	-	-
21+ Weeks	3	-	-	1	-	2	-
Unknown	2	-	-	-	2	-	-
New Castle	1,025	79	300	264	211	132	39
<7 Weeks	247	13	71	61	57	26	19
7 Weeks	229	13	72	68	35	35	6
8 Weeks	139	13	33	40	29	18	6
9-10 Weeks	205	10	71	53	44	21	6
11-12 Weeks	107	20	29	24	22	11	1
13-15 Weeks	57	4	16	11	16	10	-
16-20 Weeks	17	4	2	3	3	5	-
21+ Weeks	5	1	1	1	1	1	-
Unknown	19	1	5	3	4	5	1
Sussex	269	23	71	68	62	33	12
<7 Weeks	67	4	14	14	21	11	3
7 Weeks	49	3	13	10	14	7	2
8 Weeks	47	5	13	12	10	5	2
9-10 Weeks	62	3	22	18	10	7	2
11-12 Weeks	24	4	5	8	3	2	2
13-15 Weeks	13	3	3	4	2	-	1
16-20 Weeks	5	1	-	1	2	1	-
21+ Weeks	2	-	1	1	-	-	-
Unknown	-	-	-	-	-	-	-
Other State	162	23	53	47	22	9	8
<7 Weeks	36	2	10	12	7	4	1
7 Weeks	34	5	13	11	2	2	1
8 Weeks	28	4	13	8	2	-	1
9-10 Weeks	35	4	10	12	6	1	2
11-12 Weeks	13	4	3	2	2	1	1
13-15 Weeks	9	2	3	2	1	1	-
16-20 Weeks	2	1	-	-	1	-	-
21+ Weeks	1	-	-	-	-	-	1
Unknown	4	1	1	-	1	-	1

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, 2021**

Place of Residence/ Age	Number of Previous Pregnancies					Not Stated
	Total	None	1	2	3+	
All Terminations	1,825	498	343	334	643	7
<20	148	116	23	8	1	0
20-24	540	225	148	101	65	1
25-29	482	85	88	104	203	2
30-34	379	44	58	73	203	1
35-39	209	23	18	38	128	2
40+	67	5	8	10	43	1
Unknown	0	0	0	0	0	0
Delaware	1,663	427	308	318	603	7
<20	125	97	19	8	1	0
20-24	487	195	135	96	60	1
25-29	435	72	76	98	187	2
30-34	357	38	52	71	195	1
35-39	200	22	18	35	123	2
40+	59	3	8	10	37	1
Unknown	0	0	0	0	0	0
Kent	369	103	53	81	131	1
<20	23	17	3	3	0	0
20-24	116	59	23	22	12	0
25-29	103	15	14	28	45	1
30-34	84	7	8	22	47	0
35-39	35	5	4	2	24	0
40+	8	0	1	4	3	0
Unknown	0	0	0	0	0	0
New Castle	1,025	264	195	192	371	3
<20	79	63	11	4	1	0
20-24	300	111	89	61	38	1
25-29	264	49	44	55	115	1
30-34	211	24	34	36	117	0
35-39	132	15	10	30	76	1
40+	39	2	7	6	24	0
Unknown	0	0	0	0	0	0
Sussex	269	60	60	45	101	3
<20	23	17	5	1	0	0
20-24	71	25	23	13	10	0
25-29	68	8	18	15	27	0
30-34	62	7	10	13	31	1
35-39	33	2	4	3	23	1
40+	12	1	0	0	10	1
Unknown	0	0	0	0	0	0
Other State	162	71	35	16	40	0
<20	23	19	4	0	0	0
20-24	53	30	13	5	5	0
25-29	47	13	12	6	16	0
30-34	22	6	6	2	8	0
35-39	9	1	0	3	5	0
40+	8	2	0	0	6	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, 2021

Place of Residence/ Age	Number of Previous Live Births					
	Total	None	1	2	3+	Not Stated
All Terminations	1,825	712	475	353	285	0
<20	148	131	14	3	0	0
20-24	540	315	159	50	16	0
25-29	482	145	143	124	70	0
30-34	379	74	99	106	100	0
35-39	209	37	42	54	76	0
40+	67	10	18	16	23	0
Unknown	0	0	0	0	0	0
Delaware	1,663	610	444	339	270	0
<20	125	108	14	3	0	0
20-24	487	272	152	48	15	0
25-29	435	123	127	117	68	0
30-34	357	65	94	103	95	0
35-39	200	34	41	53	72	0
40+	59	8	16	15	20	0
Unknown	0	0	0	0	0	0
Kent	369	133	102	78	56	0
<20	23	18	4	1	0	0
20-24	116	70	33	9	4	0
25-29	103	25	30	32	16	0
30-34	84	13	22	25	24	0
35-39	35	7	10	8	10	0
40+	8	0	3	3	2	0
Unknown	0	0	0	0	0	0
New Castle	1,025	392	263	207	163	0
<20	79	70	7	2	0	0
20-24	300	168	93	31	8	0
25-29	264	85	69	68	42	0
30-34	211	40	59	58	54	0
35-39	132	22	26	37	47	0
40+	39	7	9	11	12	0
Unknown	0	0	0	0	0	0
Sussex	269	85	79	54	51	0
<20	23	20	3	0	0	0
20-24	71	34	26	8	3	0
25-29	68	13	28	17	10	0
30-34	62	12	13	20	17	0
35-39	33	5	5	8	15	0
40+	12	1	4	1	6	0
Unknown	0	0	0	0	0	0
Other State	162	102	31	14	15	0
<20	23	23	0	0	0	0
20-24	53	43	7	2	1	0
25-29	47	22	16	7	2	0
30-34	22	9	5	3	5	0
35-39	9	3	1	1	4	0
40+	8	2	2	1	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 INDUCED TERMINATIONS, DELAWARE, 2021

Place of Residence/ Age	Number of Previous Induced Terminations					
	Total	None	1	2	3+	Not Stated
All Terminations	1,825	1,089	433	183	114	6
<20	148	130	17	1	0	0
20-24	540	381	112	36	10	1
25-29	482	245	137	54	45	1
30-34	379	194	102	53	29	1
35-39	209	106	51	28	22	2
40+	67	33	14	11	8	1
Unknown	0	0	0	0	0	0
Delaware	1,663	983	398	173	103	6
<20	125	110	14	1	0	0
20-24	487	344	99	35	8	1
25-29	435	219	127	50	38	1
30-34	357	179	97	51	29	1
35-39	200	101	49	26	22	2
40+	59	30	12	10	6	1
Unknown	0	0	0	0	0	0
Kent	369	223	88	32	25	1
<20	23	21	2	0	0	0
20-24	116	89	21	6	0	0
25-29	103	50	36	8	8	1
30-34	84	40	20	13	11	0
35-39	35	18	7	5	5	0
40+	8	5	2	0	1	0
Unknown	0	0	0	0	0	0
New Castle	1,025	592	242	121	68	2
<20	79	69	9	1	0	0
20-24	300	201	68	24	6	1
25-29	264	130	72	34	28	0
30-34	211	106	54	36	15	0
35-39	132	67	31	19	14	1
40+	39	19	8	7	5	0
Unknown	0	0	0	0	0	0
Sussex	269	168	68	20	10	3
<20	23	20	3	0	0	0
20-24	71	54	10	5	2	0
25-29	68	39	19	8	2	0
30-34	62	33	23	2	3	1
35-39	33	16	11	2	3	1
40+	12	6	2	3	0	1
Unknown	0	0	0	0	0	0
Other State	162	106	35	10	11	0
<20	23	20	3	0	0	0
20-24	53	37	13	1	2	0
25-29	47	26	10	4	7	0
30-34	22	15	5	2	0	0
35-39	9	5	2	2	0	0
40+	8	3	2	1	2	0
Unknown	0	0	0	0	0	0

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

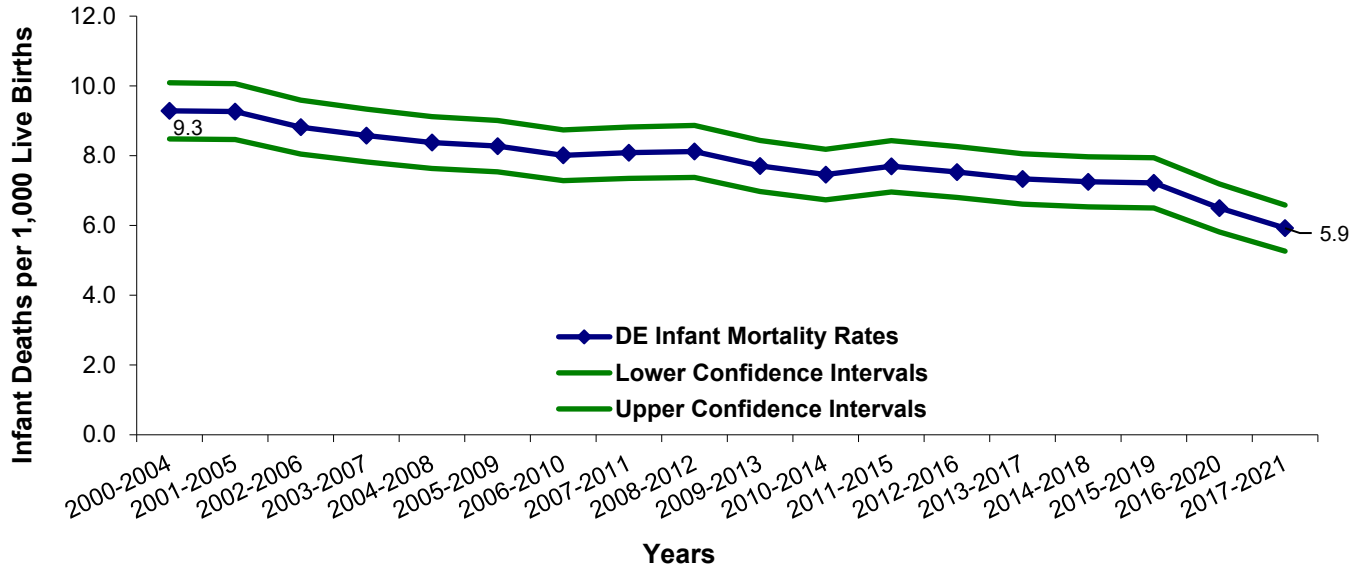
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Infant Mortality

INFANT MORTALITY

In 2017-2021, Delaware's infant mortality rate (IMR) was 5.9 infant deaths per 1,000 live births, resulting in a total decline of 36.2 percent from the 2000-2004 rate of 9.3 infant deaths per 1,000 live births.

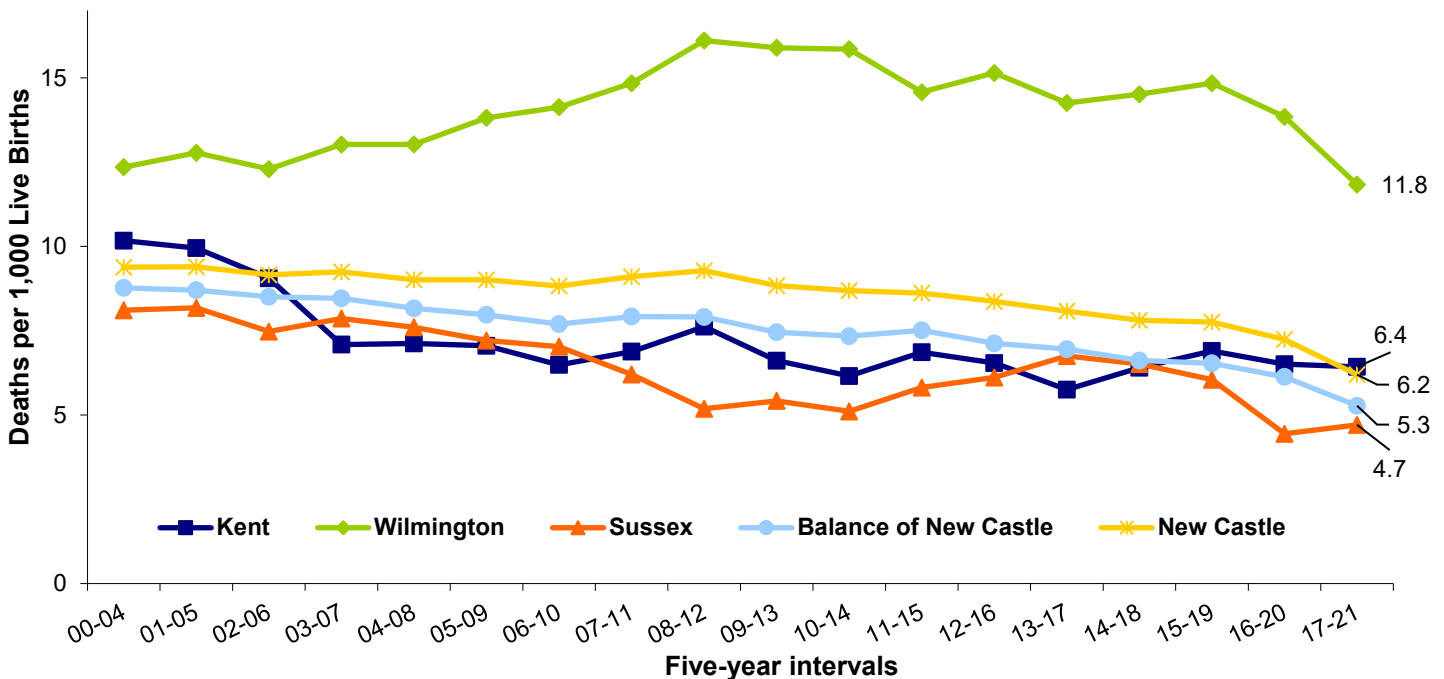
Figure 27. Five-year Average Infant Mortality Rates with Confidence Intervals, Delaware, 2000-2021



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 at 11.8 infant deaths per 1,000 live births. Kent county's IMR of 6.4 infant deaths per 1,000 live births is the higher than New Castle county's IMR of 6.2 infant deaths per 1,000 live births. In 2017-2021 Sussex County's IMR remained the lowest at 4.7 infant deaths per 1,000 live births. During the same time period the balance of New Castle County's IMR was 5.3 infant deaths per 1,000 live births.

Figure 28. Five-year Average Infant Mortality Rates by County and City of Wilmington, Delaware, 2000-2021

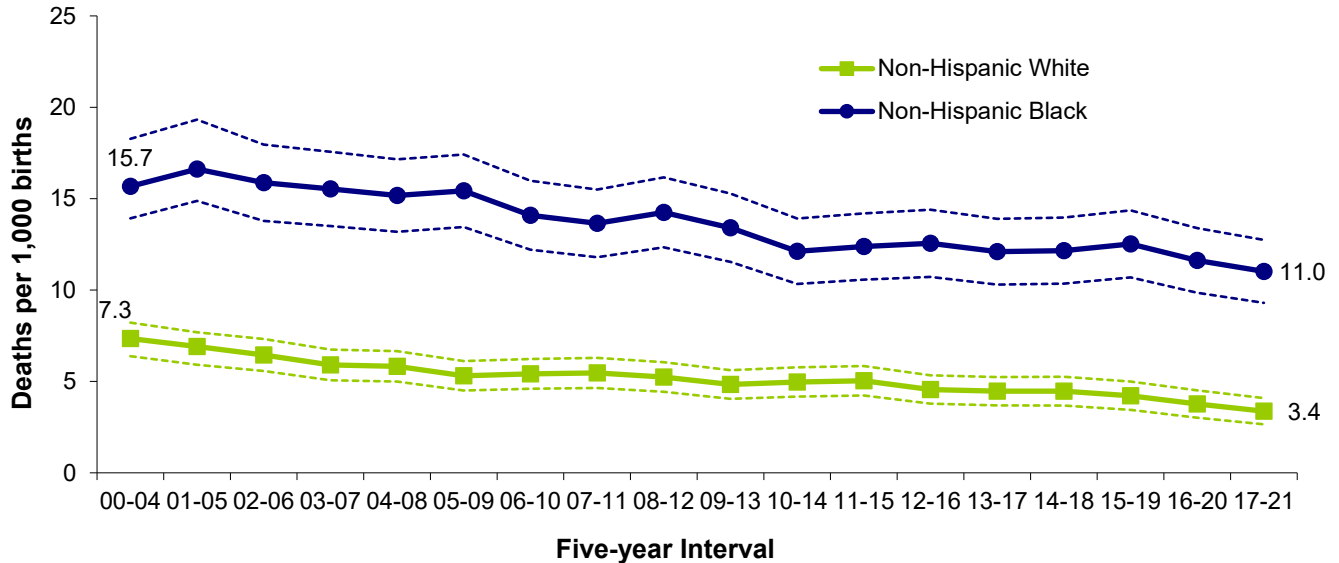


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

Non-Hispanic black infants experienced a lower percentage decline in mortality rates than non-Hispanic white infants. In 2017-2021 the non-Hispanic black IMR of 11 infant deaths per 1,000 live births was a 30 percent decrease from the 15.7 rate in 2000-2004. Non-Hispanic white IMR decreased 54 percent from 7.3 in 2000-2004 to 3.4 infant deaths per 1,000 live births in 2017-2021.

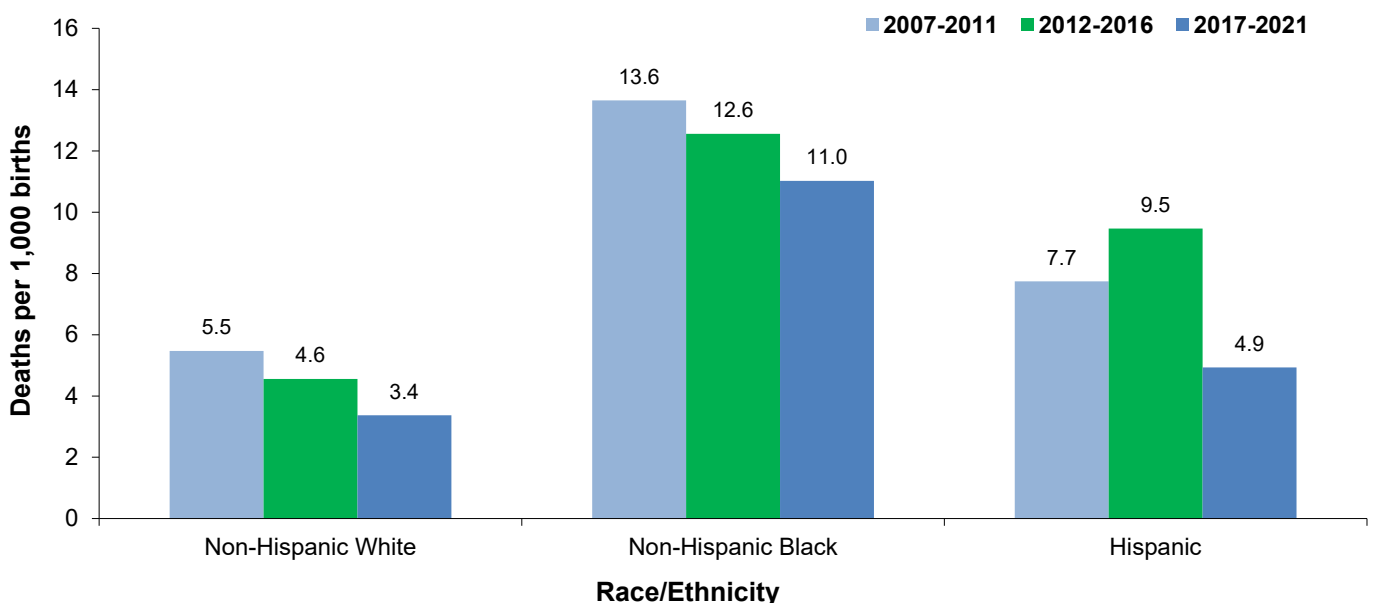
Figure 29. Five-year Average Black and White Infant Mortality Rates with Confidence In Delaware, 2000-2021



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

Significant disparities existed between non-Hispanic black and non-Hispanic white infant mortality rates as well as Hispanic IMRs. Non-Hispanic black IMRs were highest in all three time periods depicted below with the highest rate of 13.6 infant deaths per 1,000 live births in 2007-2011. Hispanic IMRs were 1.5 times higher than the non-Hispanic white IMRs in 2017-2021. The non-Hispanic black rate in 2017-2021 was more than two times higher than the Hispanic rate of 4.9 infant deaths per 1,000 live births. From 2012-2016 to 2017-2021 the Hispanic IMR decreased 48 percent (9.5 to 4.9 infant deaths per 1,000 live births).

Figure 30. Five-year Average Infant Mortality Rates by Race and Hispanic Origin, Delaware, 2007-2021

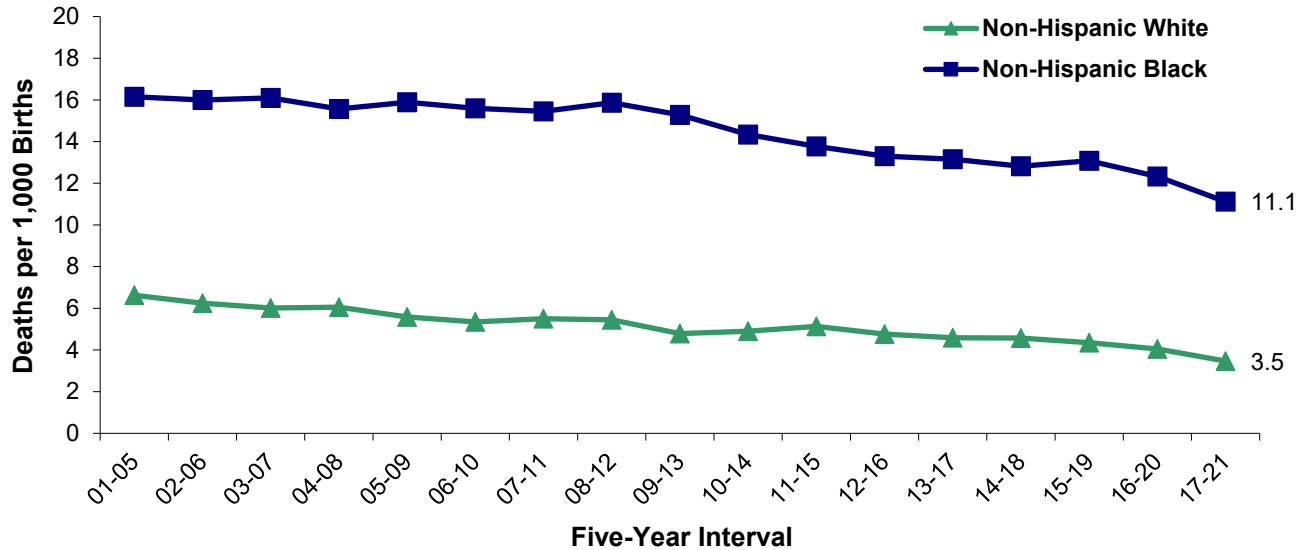


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

In 2017-2021, Kent County had the highest IMRs and Sussex had the lowest. Non-Hispanic black five-year average IMRs in New Castle County were stable at 16 infant deaths per 1,000 live births from 2001-2005 to 2008-2012, and decreased 31 percent to 11.1 infant deaths per 1,000 live births in 2017-2021. Disparity between the races is evident in all three counties, with the New Castle non-Hispanic black rate three times higher than the non-Hispanic white rate for 2017-2021.

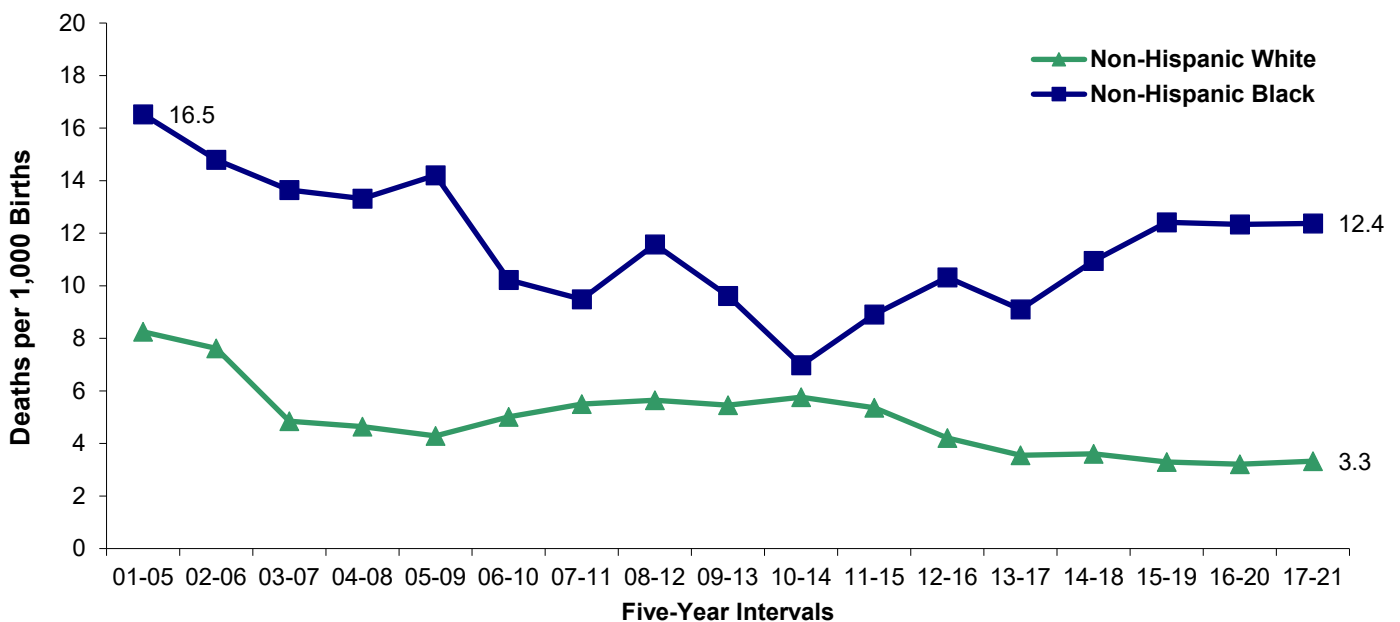
Five-year Average Infant Mortality Rates by Race, New Castle County, Delaware, 2001-2021



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 non-Hispanic black IMR decreased 25 percent to 12.4 infant death per 1,000 live births in 2017-2021. The non-Hispanic white IMR had a 60 percent decrease from 2001-2005 to 2017-2021 (8.2 to 3.3 infant deaths per 1,000 live births). The non-Hispanic Black IMR was nearly four times higher than the non-Hispanic white IMR.

Figure 32. Five-year Average Infant Mortality Rates by Race, Kent County, Delaware, 2001-2021

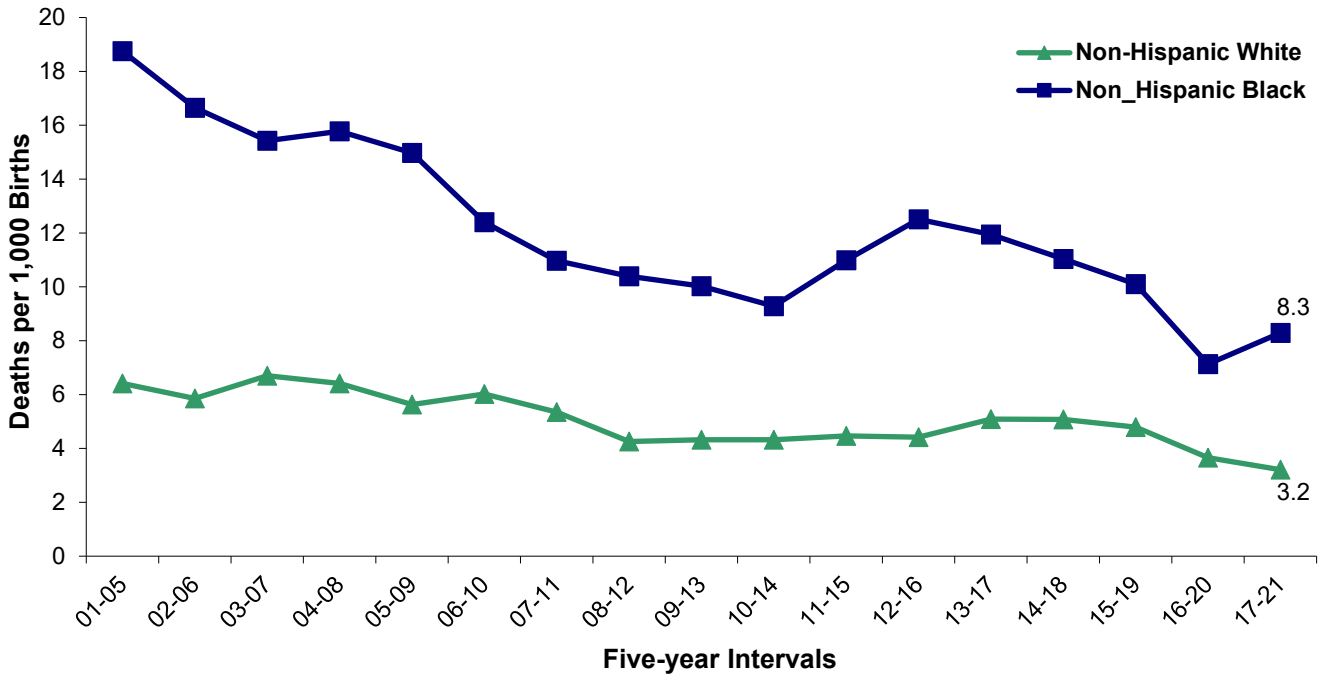


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

Sussex County's non-Hispanic black IMR decreased to 8.3 infant deaths per 1,000 live births in 2017-2021, a 56 percent decrease from the 2001-2005 peak of 18.8 infant deaths per 1,000 live births. Sussex County's non-Hispanic white IMR had a 52 percent decrease from its peak in 2003-2007 to 2017-2021 (6.7 to 3.2 infant deaths per 1,000 live births). Sussex County had the smallest disparity between the races with non-Hispanic black IMRs 2.5 times higher than non-Hispanic white IMRs in 2017-2021.

Figure 33. Five-year Average Infant Mortality Rates by Race, Sussex County, Delaware, 2001-2021



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

INFANT MORTALITY- Leading Causes of Death

In 2017-2021 there were 311 infant deaths. The five leading causes of infant death in Delaware were:

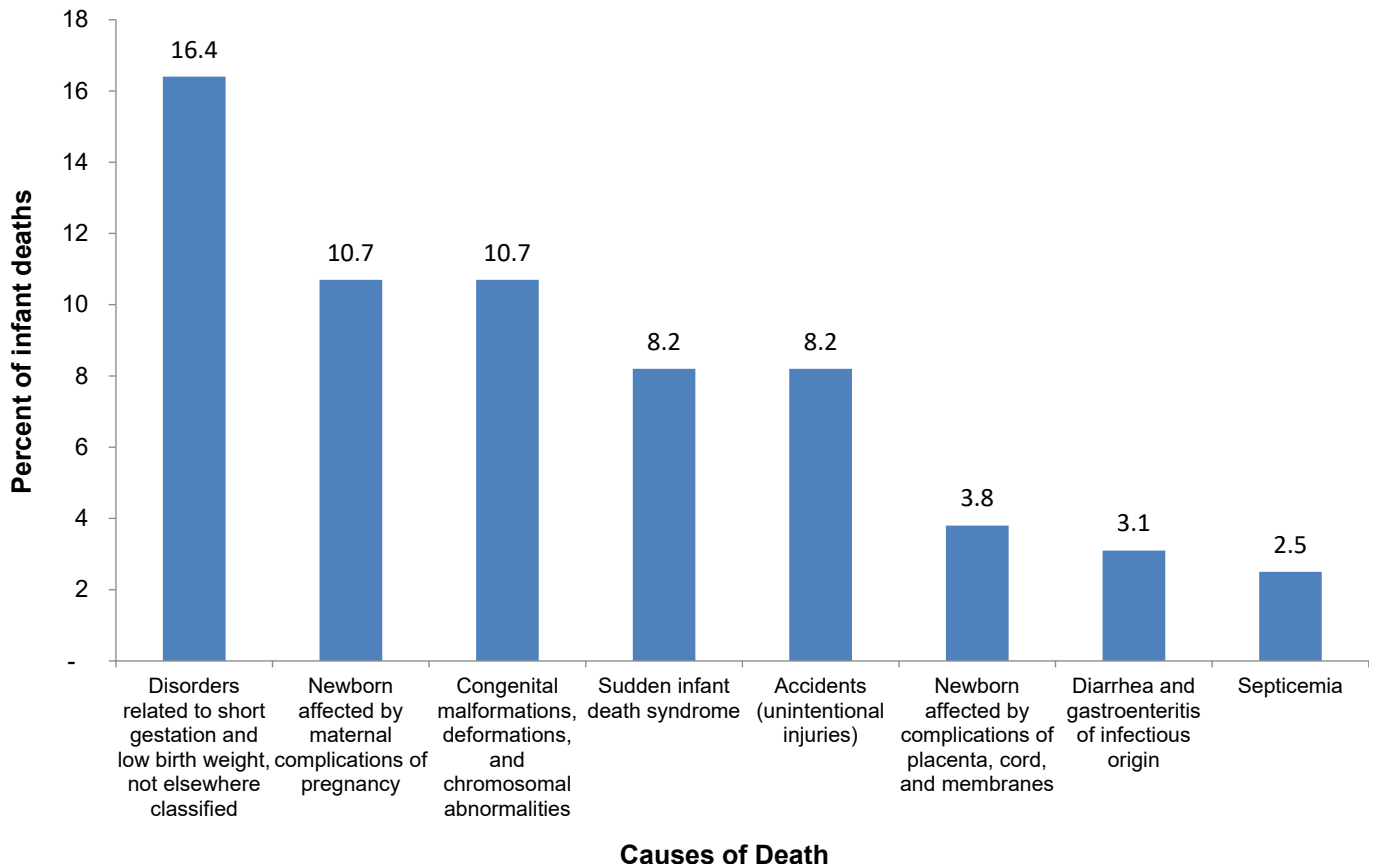
- Disorders related to short gestation and low birthweight, which accounted for 19.0 percent of infant deaths.
- Congenital anomalies (birth defects), which accounted for 17.4 percent of infant deaths.
- Newborns affected by maternal complications of pregnancy, which accounted for 8.7 percent of infant deaths. Of the 27 deaths attributed to this cause, 21 were due to the newborn being affected by incompetent cervix and premature rupture of membranes
- Sudden infant death syndrome (SIDS), which accounted for 7.1 percent of all infant deaths.
- Accidents (unintentional injuries), which accounted for 5.1 percent of infant deaths.

In sum, the five most common causes of infant death accounted for 57.2 percent, or 178 of the 311 total infant deaths.

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

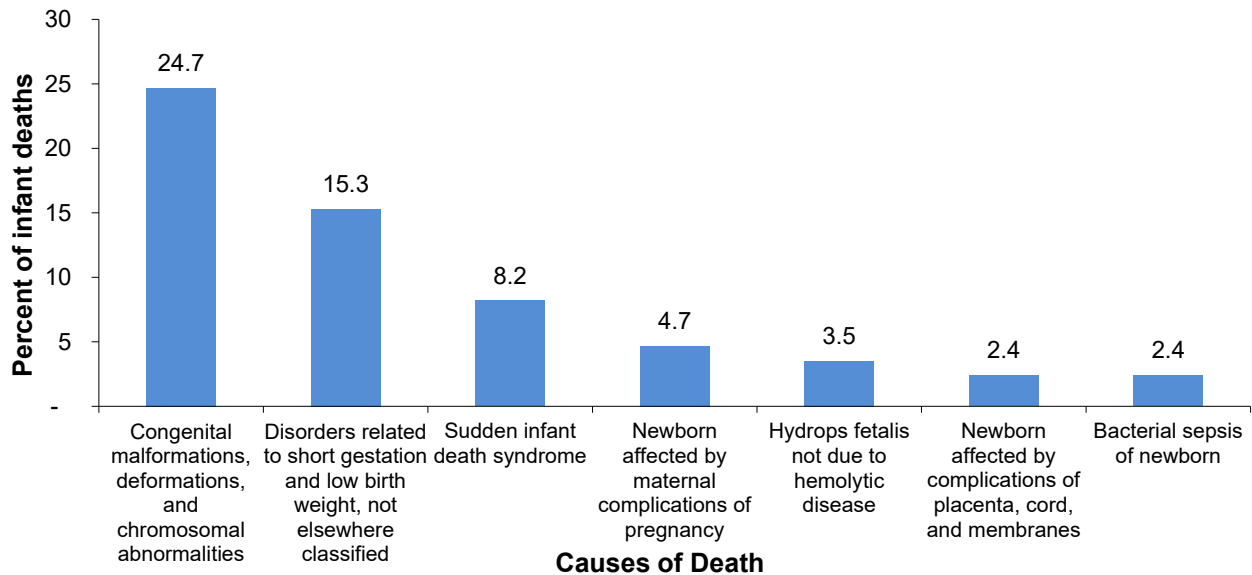
Though the proportions of deaths by race were similar for many of the causes of death, notable exceptions were accidents and birth defects. In 2017-2021, while accidents were responsible for one percent of all non-Hispanic white infant deaths, they accounted for eight percent of non-Hispanic black infant deaths. In 2017-2021, infant deaths due to birth defects also accounted for larger percentages of non-Hispanic black infant deaths (25 percent) than non-Hispanic white infant deaths (11 percent).

Figure 34. Percentage of the Most Frequent Causes of Non-Hispanic Black Infant Deaths, Delaware, 2017-2021



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 Deaths, Delaware 2017-2021

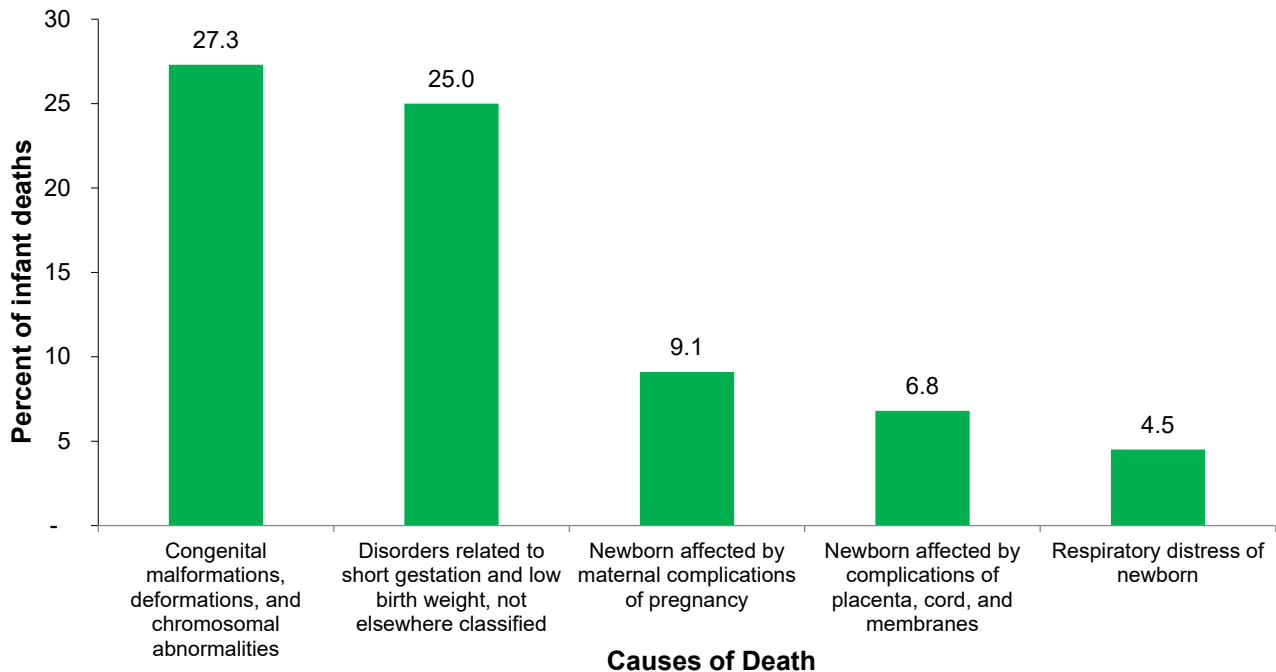


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 1989-1993, Hispanic births 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 more than quadrupled. In the most recent five-year period, 2017-2021, 17.0 percent of all live births were to Hispanic mothers, and 14.1 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, 2017-2021

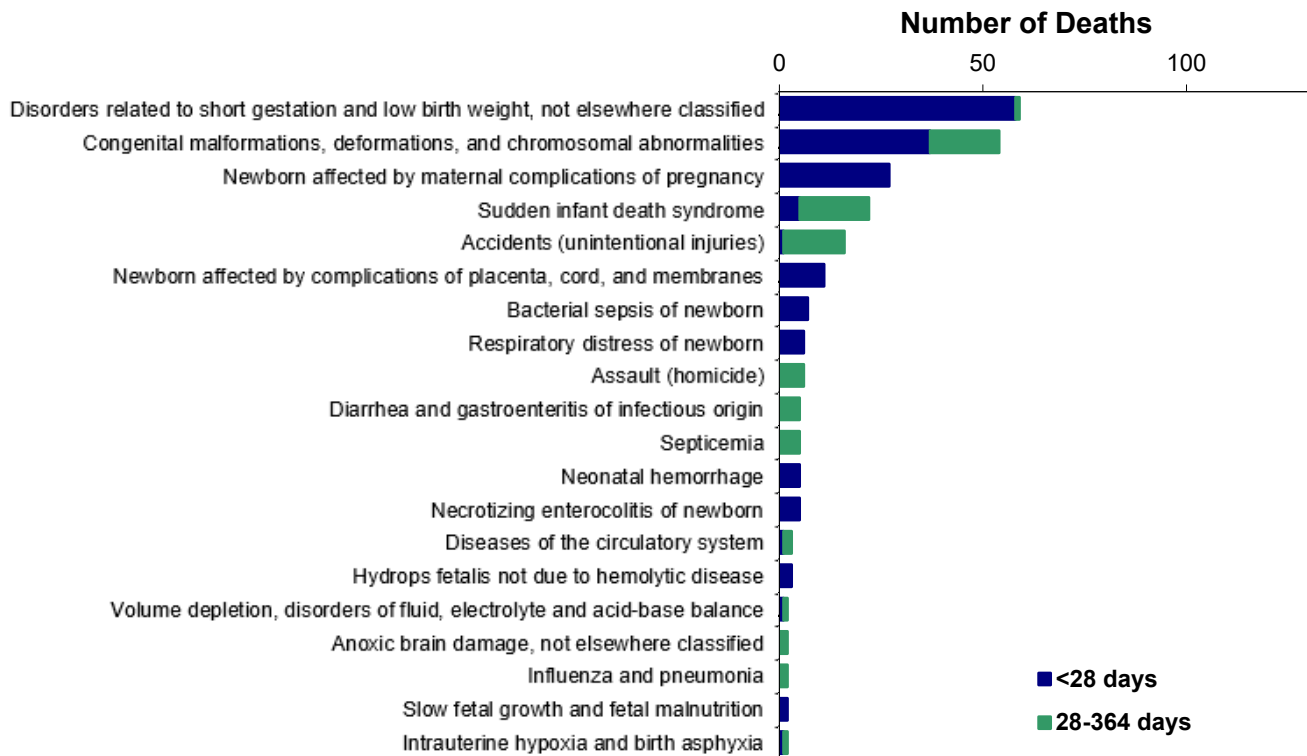


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

In 2017-2021, approximately 91.3 percent of all infant deaths occurred within the first six months of life, 66 percent occurred within the first 28 days of life, and 39 percent occurred within 24 hours of birth.

Figure. 37 Most Frequent Causes of Infant Death, Delaware, 2017-2021



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

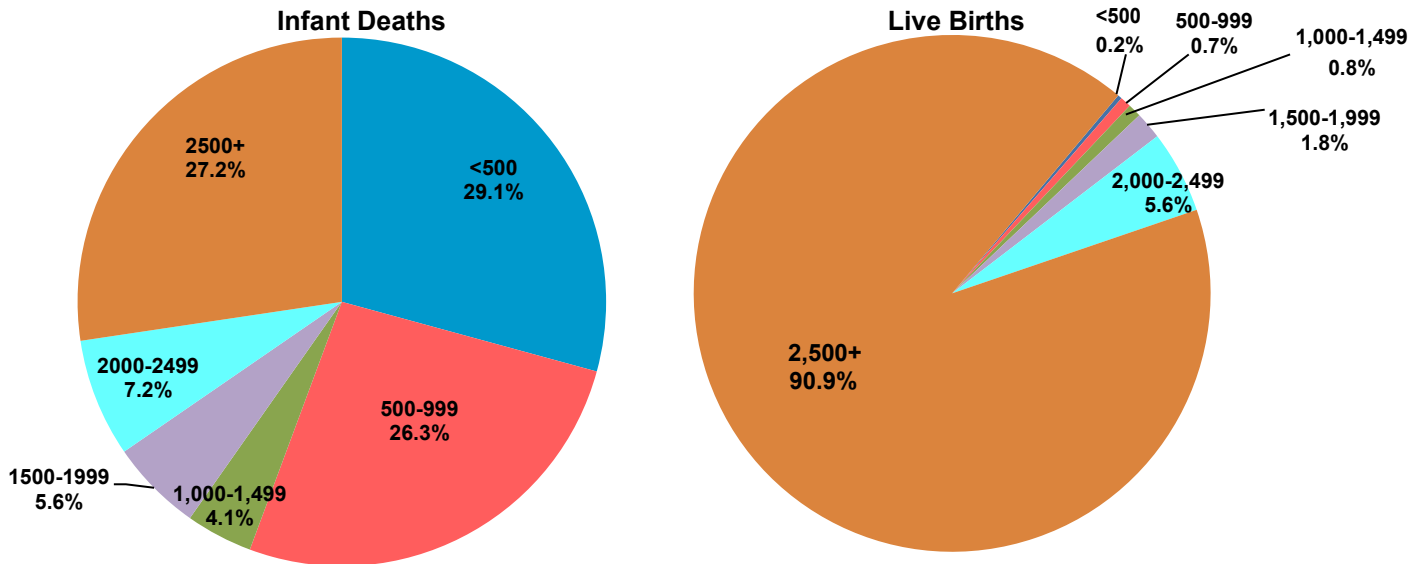
Figure 37 displays deaths by specific cause and the infant's age classification at death: neonatal (<28 days), or postneonatal (28-364 days).

- Prematurity and low birthweight accounted for the greatest number of infant deaths in 2017-2021; 98 percent of these deaths occurred in the neonatal period.
- The majority of sudden infant death syndrome (SIDS) deaths occurred in the postneonatal period, with a mean age at death of 88 days. SIDS deaths decreased 24 percent from 2012-2016 to 2017-2021 (29 to 22 SIDS deaths). The number of infant deaths in 2017-2021 (311) decreased 25 percent from the number of infant deaths in 2012-2016 (413).
- Twenty seven percent (6 out of 22) of the SIDS deaths were associated with co-sleeping and/or sleeping on soft surfaces, such as couches and adult beds.
- In 2017-2021, there were 14 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, six 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 2016-2020 were infants weighing less than 1,000 grams, they accounted for over half (55 percent) of all infant deaths. In total, nine percent of all live births in 2016-2020 were infants of low birthweight (under 2,500 grams) and 72 percent of infant deaths were low birthweight.

Figure 38. Percent Distribution by Birthweight in Grams, Delaware, Live Birth Cohort, 2016-2020

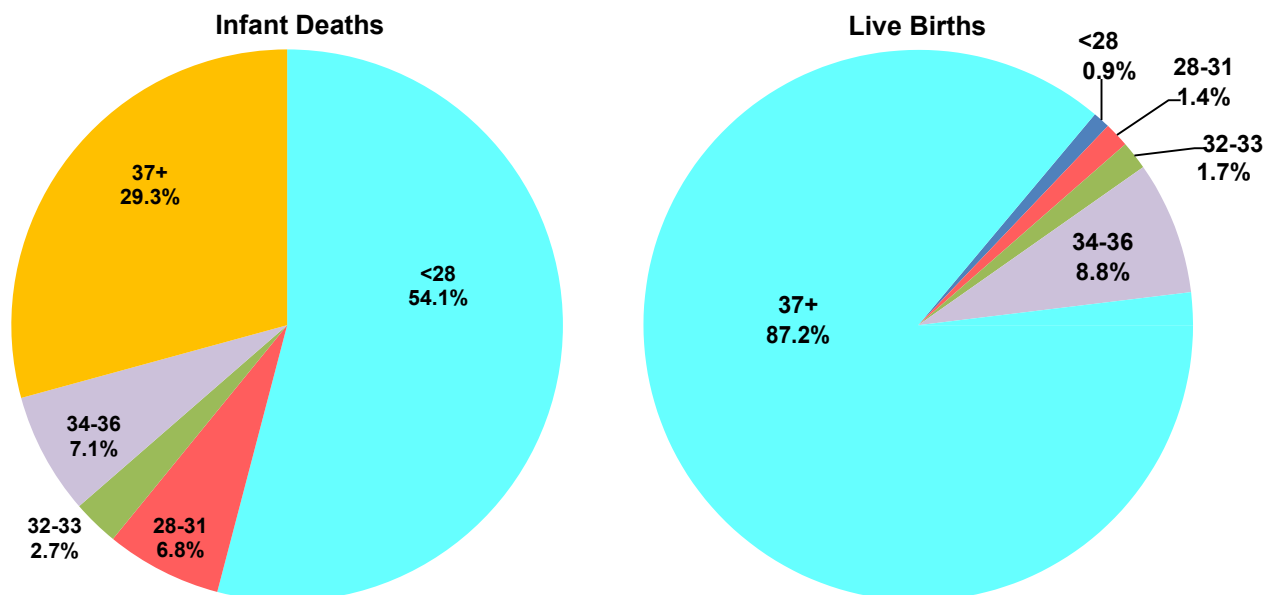


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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 2016-2020 were less than 28 weeks gestation at birth, but they accounted for 54.1 percent of all infant deaths. In total, 12.7 percent of all live births in 2016-2020 were born preterm (<37 weeks of gestation) and 70.7 percent of infant deaths were preterm.

Figure 39. Distribution by Gestation in Weeks, Delaware, Live Birth Cohort, 2016-2020



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

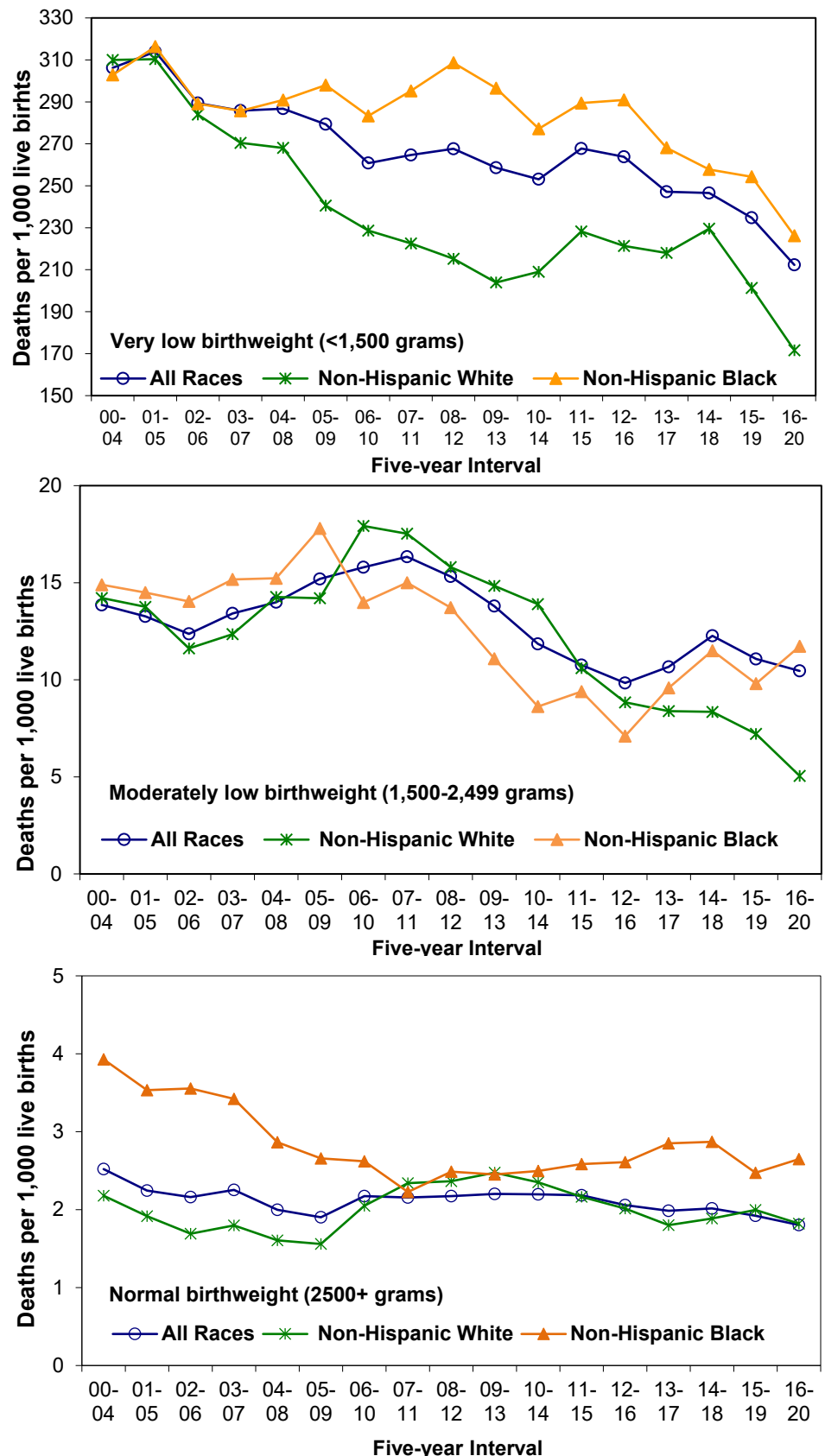
Birthweight and gestation are considered to be the most important predictors of infant health and mortality risk. Infants born too small or too early have a much greater risk of mortality than those who reach a normal birthweight (2,500+ grams) or full-term gestation (37+ weeks).

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 226.2 was significantly higher than the non-Hispanic white IMR of 171.6 infant deaths per 1,000 live births in 2016-2020.

IMRs for moderately low birthweight infants of all races decreased 36 percent from its high point in 2007-2011 to 2016-2020. During that time, non-Hispanic white IMRs decreased 71 percent while the non-Hispanic black IMR decreased by 22 percent, making the non-Hispanic black IMR higher than the non-Hispanic white IMR (11.7 vs 5.1).

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 2016-2020, the non-Hispanic white IMR decreased 22 percent to 1.8 but the non-Hispanic black IMR increased 18 percent to 2.6 infant deaths per 1,000 live births. The IMR for all races had a 18 percent decrease for the same time period.

Figure 40. Five-year Average Infant Mortality Rates by Birthweight and Race, Delaware, 2001-2020 Live Birth Cohort

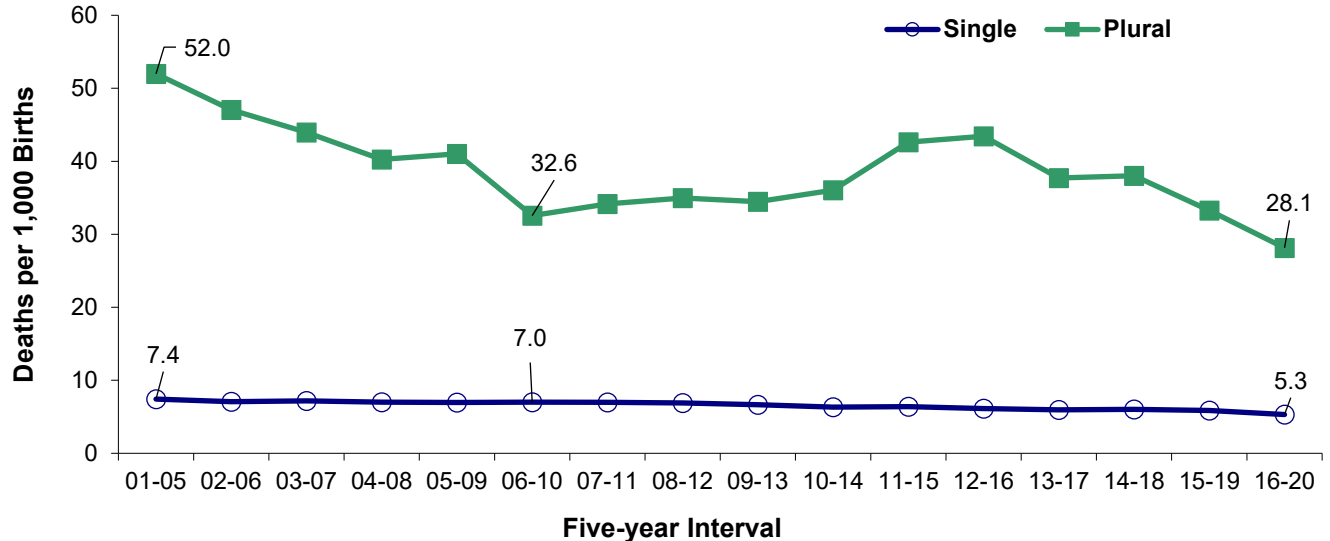


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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 decreased 14 percent from 32.6 to 28.1 infant deaths per 1,000 live births. IMRs for singleton births decreased 28 percent from 2001-2005 to 2016-2020. In 2016-2020, the infant mortality rate for plural births was five times that of singleton births (28.1 versus 5.3 infant deaths per 1,000 live births, respectively).

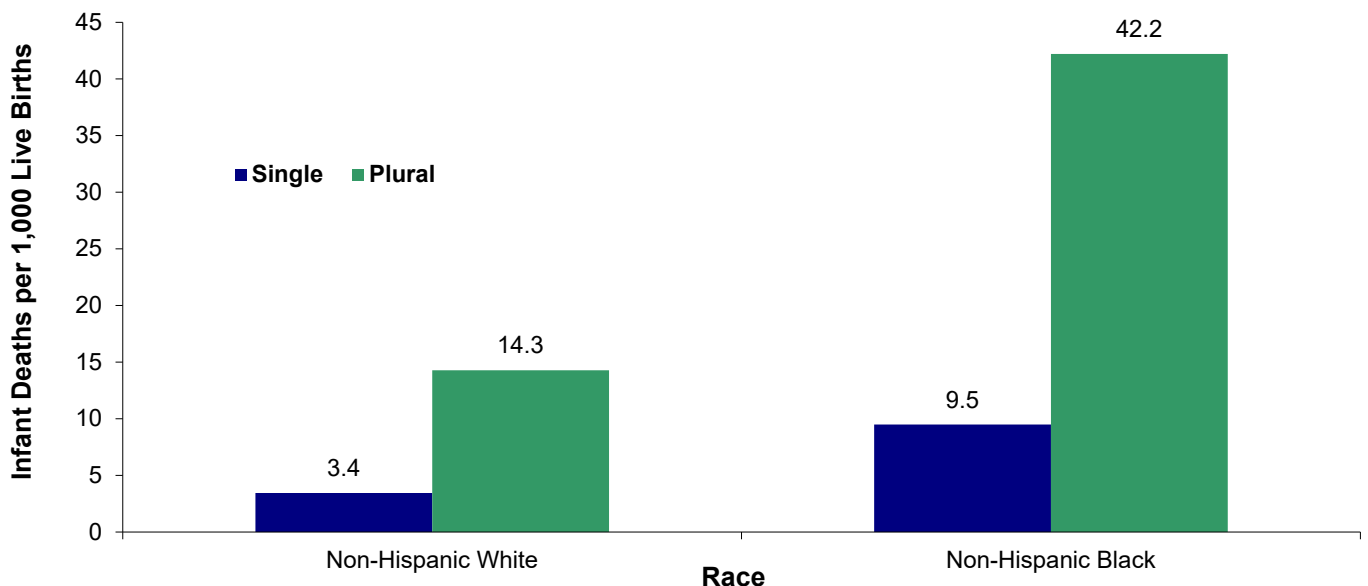
Figure 41. Five-year Average Infant Mortality Rates by Plurality, Delaware, Live Birth Cohort, 2001-2020



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

The difference 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 nearly three times greater for plural births.

Figure 42. Five-year Average Infant Mortality Rates by Plurality and Race, Delaware, Live Birth Cohort, 2016-2020



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, 2004-2021

Area/ Race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.																		
All Races	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	21,498	20,927	N/A	N/A
Non-Hispanic White	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	9,059	8,603	N/A	N/A
Non-Hispanic Black	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	5,933	5,821	N/A	N/A
Non-Hispanic Other	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	2,203	2,041	N/A	N/A
Delaware																		
All Races	97	106	99	91	101	91	88	98	84	68	74	100	87	72	62	68	56	53
Non-Hispanic White	43	36	39	33	37	24	38	39	24	22	27	38	23	18	19	16	22	10
Non-Hispanic Black	44	53	44	38	49	52	35	38	43	33	29	38	39	37	33	35	24	30
Non-Hispanic Other	2	3	4	1	0	7	4	10	6	1	6	6	8	3	2	7	5	6
Kent																		
All Races	17	21	13	9	18	18	15	17	17	6	13	23	14	8	13	17	18	12
Non-Hispanic White	8	6	7	4	7	6	11	10	5	5	8	8	2	0	5	5	7	2
Non-Hispanic Black	8	14	5	4	7	12	3	3	10	1	4	9	8	7	7	9	9	8
Non-Hispanic Other	1	1	1	1	0	0	0	1	0	0	0	1	1	0	1	2	2	2
New Castle																		
All Races	60	68	68	60	70	57	58	74	58	48	49	54	62	48	37	44	34	27
Non-Hispanic White	25	23	22	19	25	13	17	24	16	12	14	19	16	11	9	8	12	6
Non-Hispanic Black	27	30	35	27	36	33	29	34	28	27	20	23	27	26	23	23	15	16
Non-Hispanic Other	0	2	2	0	0	5	3	9	6	1	6	4	7	3	0	5	3	3
Wilmington																		
All Races	12	18	16	17	19	18	18	17	20	14	14	10	18	15	13	13	3	7
Non-Hispanic White	1	1	1	1	2	0	1	2	4	0	3	2	0	1	1	2	0	0
Non-Hispanic Black	8	14	14	14	10	15	13	15	11	11	7	4	14	10	12	7	3	6
Non-Hispanic Other	0	0	0	0	0	2	0	0	1	0	1	1	2	2	0	0	0	0
Balance of NC County																		
All Races	48	50	52	43	51	39	40	57	38	34	35	44	44	33	24	31	31	20
Non-Hispanic White	24	22	21	18	23	13	16	22	12	12	11	17	16	10	8	6	12	6
Non-Hispanic Black	19	16	21	13	26	18	16	19	17	16	13	19	13	16	11	16	12	10
Non-Hispanic Other	0	2	2	0	0	3	3	9	5	1	5	3	5	1	0	5	3	3
Sussex																		
All Races	20	17	18	22	13	16	15	7	9	14	12	23	11	16	12	7	4	14
Non-Hispanic White	10	7	10	10	5	5	10	5	3	5	5	11	5	7	5	3	3	2
Non-Hispanic Black	9	9	4	7	6	7	3	1	5	5	5	6	4	4	3	3	0	6
Non-Hispanic Other	1	0	1	0	0	2	1	0	0	0	0	1	0	0	1	0	0	1

Notes:

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

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

TABLE E-2. NUMBER OF NEONATAL DEATHS BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE, 2004-2021

Area/ Race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.																		
All Races	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	14,329	13,834	N/A	N/A
Non-Hispanic White	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	5,873	5,589	N/A	N/A
Non-Hispanic Black	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	3,897	3,754	N/A	N/A
Non-Hispanic Other	851	895	885	982	916	909	867	893	912	869*	869	937	925	924	1,523	1,400	N/A	N/A
Delaware																		
All Races	63	79	72	65	68	66	58	73	66	47	55	79	57	48	43	46	36	31
Non-Hispanic White	28	25	28	25	23	15	24	24	16	12	18	32	10	14	12	12	14	6
Non-Hispanic Black	28	39	33	28	35	39	25	35	34	25	20	31	27	22	23	20	14	16
Non-Hispanic Other	2	3	3	0	0	7	4	7	6	1	5	3	7	3	2	4	5	3
Kent																		
All Races	11	14	7	6	12	14	11	13	12	3	10	17	9	5	9	15	10	7
Non-Hispanic White	5	3	4	3	4	4	8	6	3	3	7	7	1	0	3	4	4	1
Non-Hispanic Black	5	10	3	3	5	10	2	3	8	0	2	6	5	5	5	8	4	5
Non-Hispanic Other	1	1	0	0	0	0	0	1	0	0	0	0	1	0	1	2	2	1
New Castle																		
All Races	39	54	52	43	48	42	36	57	47	34	37	49	43	36	27	28	24	15
Non-Hispanic White	16	17	15	14	16	9	8	16	12	6	7	17	7	11	6	7	8	3
Non-Hispanic Black	18	23	28	20	27	23	22	32	21	22	16	23	20	16	17	11	10	8
Non-Hispanic Other	0	2	2	0	0	5	3	6	6	1	5	3	6	3	0	2	3	2
Wilmington																		
All Races	9	15	12	10	10	14	10	14	18	11	12	10	15	9	9	6	2	2
Non-Hispanic White	1	1	0	1	0	0	0	1	4	0	3	2	0	1	1	2	0	0
Non-Hispanic Black	6	11	11	9	6	11	9	13	9	8	5	4	11	5	8	2	2	1
Non-Hispanic Other	0	0	0	0	0	2	0	0	1	0	1	1	2	2	0	0	0	0
Balance of NC County																		
All Races	30	39	40	33	38	28	26	43	29	23	25	39	28	27	18	22	22	13
Non-Hispanic White	15	16	15	13	16	9	8	15	8	6	4	15	7	10	5	5	8	3
Non-Hispanic Black	12	12	17	11	21	12	13	19	12	14	11	19	9	11	9	9	8	7
Non-Hispanic Other	0	2	2	0	0	3	3	6	5	1	4	2	4	1	0	2	3	2
Sussex																		
All Races	13	11	13	16	8	10	11	3	7	10	8	13	5	7	7	3	2	9
Non-Hispanic White	7	5	9	8	3	2	8	2	1	3	4	8	2	3	3	1	2	2
Non-Hispanic Black	5	6	2	5	3	6	1	0	5	3	2	2	2	1	1	1	0	3
Non-Hispanic Other	1	0	1	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0

Notes:

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

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

TABLE E-3. NUMBER OF POSTNEONATAL DEATHS BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE 2004-2021

Area/ Race	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.																	
All Races	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	7,169	7,093	N/A	N/A
Non-Hispanic White	4,682	4,474	4,676	4,573	4,270	3,941	3,783	3,689	3,647*	3,592	3,720	3,718	3,329	3,186	3,014	N/A	N/A
Non-Hispanic Black	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	2,037	2,067	N/A	N/A
Non-Hispanic Other	485	483	534	536	488	457	445	451	411*	404	464	455	478	679	641	N/A	N/A
Delaware																	
All Races	27	27	26	33	25	30	25	18	21	19	21	30	24	19	22	20	22
Non-Hispanic White	11	11	8	14	9	14	15	8	10	9	6	13	4	7	4	8	4
Non-Hispanic Black	14	11	10	14	13	10	3	9	8	9	7	12	15	10	15	10	14
Non-Hispanic Other	0	1	1	0	0	0	3	0	0	1	3	1	0	0	3	0	3
Kent																	
All Races	7	6	3	6	4	4	4	5	3	3	6	5	3	4	2	8	5
Non-Hispanic White	3	3	1	3	2	3	4	2	2	1	1	1	0	2	1	3	1
Non-Hispanic Black	4	2	1	2	2	1	0	2	1	2	3	3	2	2	1	5	3
Non-Hispanic Other	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
New Castle																	
All Races	14	16	17	22	15	22	17	11	14	12	5	19	12	10	16	10	12
Non-Hispanic White	6	7	5	9	4	9	8	4	6	7	2	9	0	3	1	4	3
Non-Hispanic Black	7	7	7	9	10	7	2	7	5	4	0	7	10	6	12	5	8
Non-Hispanic Other	0	0	0	0	0	0	3	0	0	1	1	1	0	0	3	0	1
Wilmington																	
All Races	3	4	7	9	4	8	3	2	3	2	0	3	6	4	7	1	5
Non-Hispanic White	0	1	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0
Non-Hispanic Black	3	3	5	4	4	4	2	2	3	2	0	3	5	4	5	1	5
Non-Hispanic Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County																	
All Races	11	12	10	13	11	14	14	9	11	10	5	16	6	6	9	9	7
Non-Hispanic White	6	6	5	7	4	8	7	4	6	7	2	9	0	3	1	4	3
Non-Hispanic Black	4	4	2	5	6	3	0	5	2	2	0	4	5	2	7	4	3
Non-Hispanic Other	0	0	0	0	0	0	3	0	0	1	1	1	0	0	1	0	1
Sussex																	
All Races	6	5	6	5	6	4	4	2	4	4	10	6	9	5	4	2	5
Non-Hispanic White	2	1	2	2	3	2	3	2	2	1	3	3	4	2	2	1	0
Non-Hispanic Black	3	2	2	3	1	2	1	0	2	3	4	2	3	2	2	0	3
Non-Hispanic Other	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Notes:

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

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

TABLE E- 4. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE 2004-2021

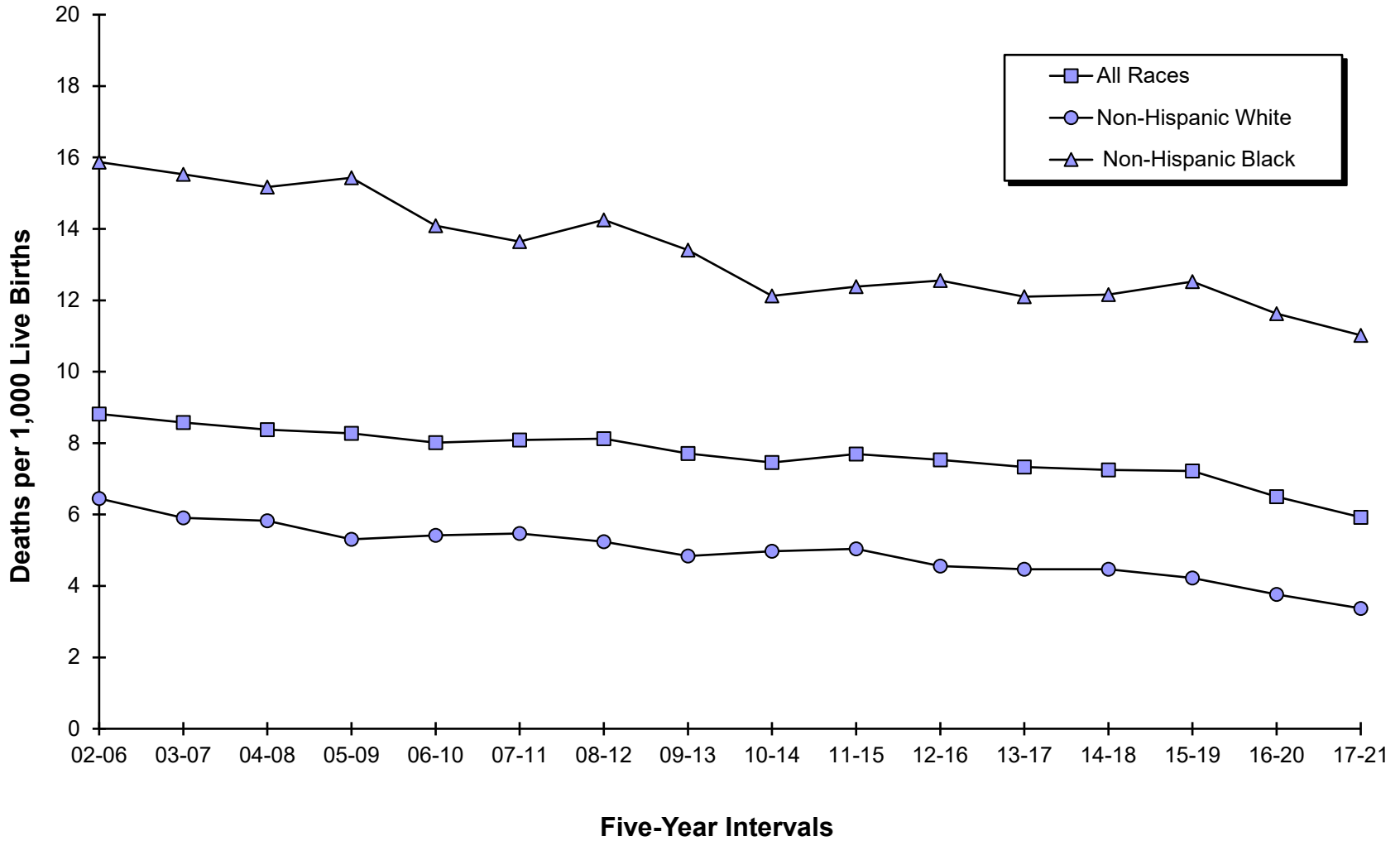
Area/ Race	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.														
All Races	6.7	6.7	6.5	6.4	6.2	6.1	6.0	5.9	5.9	5.9	5.8	5.8	N/A	N/A
Non-Hispanic White	5.6	5.6	5.4	5.3	5.2	5.1	5.0	5.0	5.0	4.9	4.8	4.7	N/A	N/A
Non-Hispanic Black	13.3	13.1	12.7	12.3	11.8	11.5	11.2	11.2	11.1	11.1	10.9	10.8	N/A	N/A
Delaware														
All Races	8.4+	8.3+	8.0+	8.1+	8.1+	7.7+	7.5+	7.7+	7.5+	7.3+	7.3+	7.2+	6.5	5.9
Non-Hispanic White	5.8	5.3	5.4	5.5	5.2	4.8	5	5	4.6	4.5	4.5	4.2	3.8	3.4
Non-Hispanic Black	15.2	15.4+	14.1	13.6	14.3+	13.4	12.1	12.4	12.6	12.1	12.2	12.5	11.6	11
Kent														
All Races	7.1	7.1	6.5	6.9	7.6	6.6	6.2	6.9	6.5	5.8	6.4	6.9	6.5	6.4
Non-Hispanic White	4.6	4.3	5.0	5.5	5.6	5.5	5.8	5.4	4.2	3.6	3.6	3.3	---	---
Non-Hispanic Black	13.3	14.2	10.2	9.5	11.6	9.6	7.0	8.9	10.3	9.1	11.0	12.4	12.3	12.4
New Castle														
All Races	9.0	9.0	8.8	9.1	9.3	8.8	8.7	8.6	8.4	8.1	7.8	7.8	7.2	6.2
Non-Hispanic White	6.1	5.6	5.3	5.5	5.4	4.8	4.9	5.1	4.8	4.6	4.6	4.3	4.1	3.5
Non-Hispanic Black	15.6	15.9	15.6	15.5	15.9	15.3	14.3	13.8	13.3	13.2	12.8	13.1	12.3	11.1
Wilmington														
All Races	13.0	13.8	14.1	14.8	16.1	15.9	15.8	14.6	15.1	14.3	14.5	14.8	13.8	11.8
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	15.7	17.1	17.4	18.5	18.7	20.2	19.2	16.3	16.4	16.3	16.9	17.1	17.2	14.9
Balance of NC County														
All Races	8.2	8.0	7.7	7.9	7.9	7.5	7.3	7.5	7.1	7.0	6.6	6.5	6.1	5.3
Non-Hispanic White	6.1	5.7	5.5	5.6	5.4	4.8	4.7	4.9	4.6	4.6	4.4	4.2	4.0	3.4
Non-Hispanic Black	15.5	15.1	14.5	13.8	14.4	12.9	12.2	12.6	11.9	11.8	11.1	11.4	10.3	9.7
Sussex														
All Races	7.6	7.2	7.0	6.2	5.2	5.4	5.1	5.8	6.1	6.7	6.5	6.0	4.4	4.7
Non-Hispanic White	6.4	5.6	6.0	5.4	4.3	4.3	4.3	4.5	4.4	5.1	5.1	4.8	3.7	3.2
Non-Hispanic Black	15.8	15.0	12.4	11.0	10.4	10.0	---	11.0	12.5	11.9	11.0	10.1	---	---

Notes:

- 2010-2014 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.
- No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

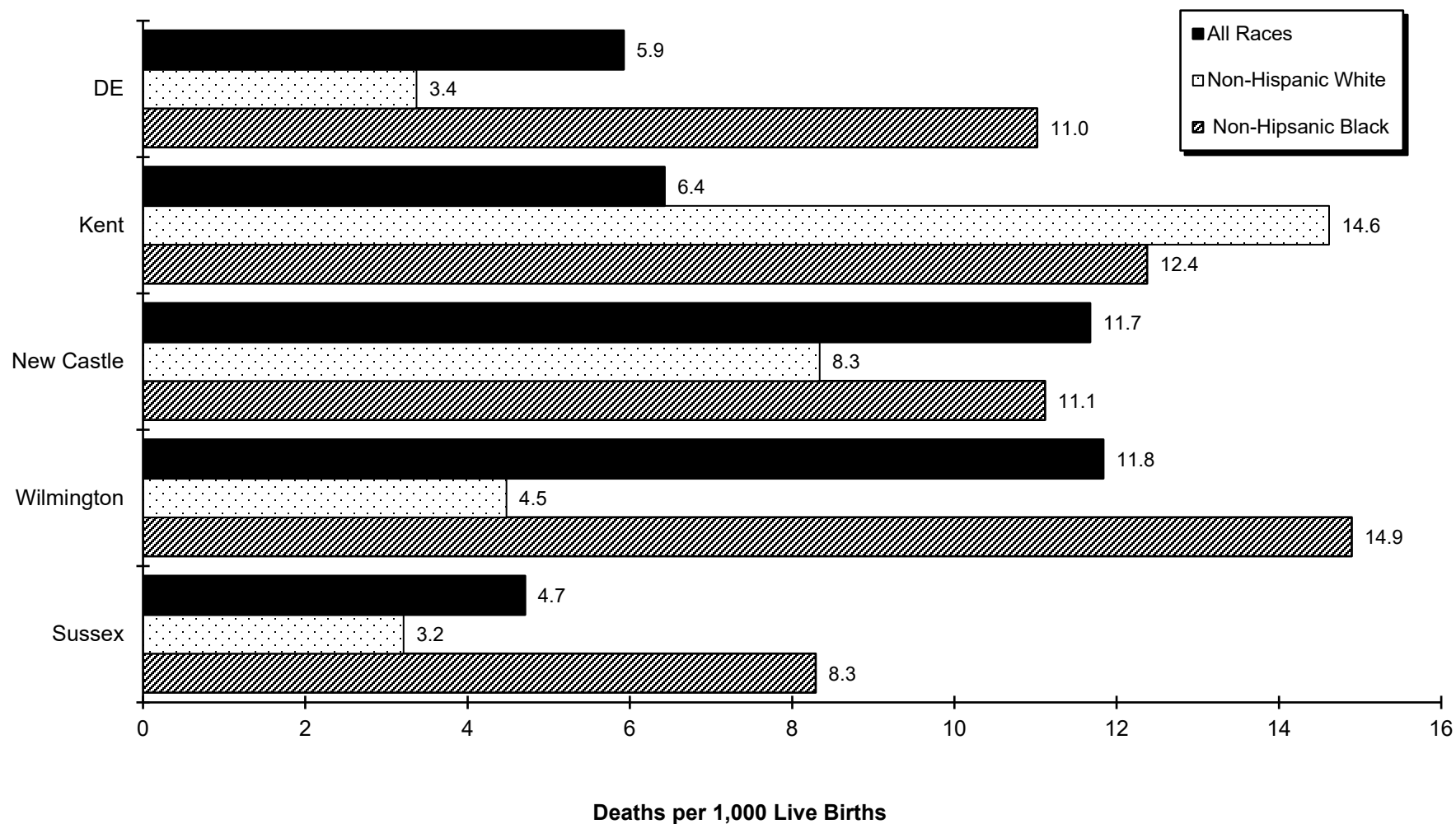
Sources: National Center for Health Statistics,
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-1. Five-Year Average Infant Mortality Rates by Race, Delaware, 2004-2021



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, 2017-2021



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 2004-2021

Area/ Race	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.														
All Races	4.4	4.4	4.3	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	N/A	N/A
Non-Hispanic White	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.0	N/A	N/A
Non-Hispanic Black	8.8	8.6	8.3	8.1	7.8	7.6	7.5	7.5	7.4	7.3	7.2	7.1	N/A	N/A
Delaware														
All Races	5.9+	5.9+	5.6+	5.7+	5.8+	5.6+	5.4+	5.8+	5.5+	5.2+	5.2+	5.1+	4.3	3.9
Non-Hispanic White	4	3.6	3.6	3.5	3.3	3	3.1	3.4	3	3	3.1	3	2.4	2.3
Non-Hispanic Black	10.8+	11.4+	10.3+	10.4+	11.0+	10.5+	9.5+	9.9+	9.5+	8.6	8.5	8.5	7.3	6.6
Kent														
All Races	4.6	4.7	4.4	5.0	5.6	4.8	4.4	5.0	4.6	4.0	4.5	5.1	4.5	4.3
Non-Hispanic White	---	---	3.3	3.6	3.6	3.5	4.0	3.9	3.2	---	---	---	---	---
Non-Hispanic Black	9.1	10.5	7.6	7.5	9.3	7.6	---	---	6.8	---	7.2	9.0	8.3	8.4
New Castle														
All Races	6.5	6.7	6.2	6.4	6.7	6.5	6.4	6.8	6.5	6.2	6.0	5.8	5.1	4.2
Non-Hispanic White	4.1	3.9	3.5	3.5	3.5	3.0	2.9	3.5	3.0	3.1	3.2	3.3	2.8	2.6
Non-Hispanic Black	11.7	11.9	11.7	12.1	12.4	12.1	11.7	11.9	10.9	10.4	9.9	9.3	8.0	6.7
Wilmington														
All Races	8.9	9.6	9.0	9.7	11.6	12.2	12.4	12.6	13.2	11.4	11.4	10.5	9.2	6.5
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	11.2	12.3	12.1	13.2	14.0	15.6	14.8	13.3	12.9	11.7	11.9	10.9	10.5	---
Balance of NC County														
All Races	6.0	6.0	5.6	5.8	5.8	5.3	5.3	5.7	5.3	5.2	5.0	5.0	4.4	3.9
Non-Hispanic White	4.3	4.1	3.7	3.7	3.5	2.9	2.6	3.2	2.7	2.9	2.9	3.1	2.7	2.5
Non-Hispanic Black	11.9	11.7	11.4	11.4	11.6	10.5	10.4	11.3	9.9	9.8	9.1	8.7	7.0	6.6
Sussex														
All Races	5.2	4.9	4.9	4.1	3.4	3.6	3.5	3.7	3.8	3.8	3.5	3.1	2.1	2.5
Non-Hispanic White	4.9	4.1	4.5	3.5	---	---	---	---	---	3.1	3.1	---	---	---
Non-Hispanic Black	9.5	10.0	---	---	---	---	---	---	---	---	---	---	---	---

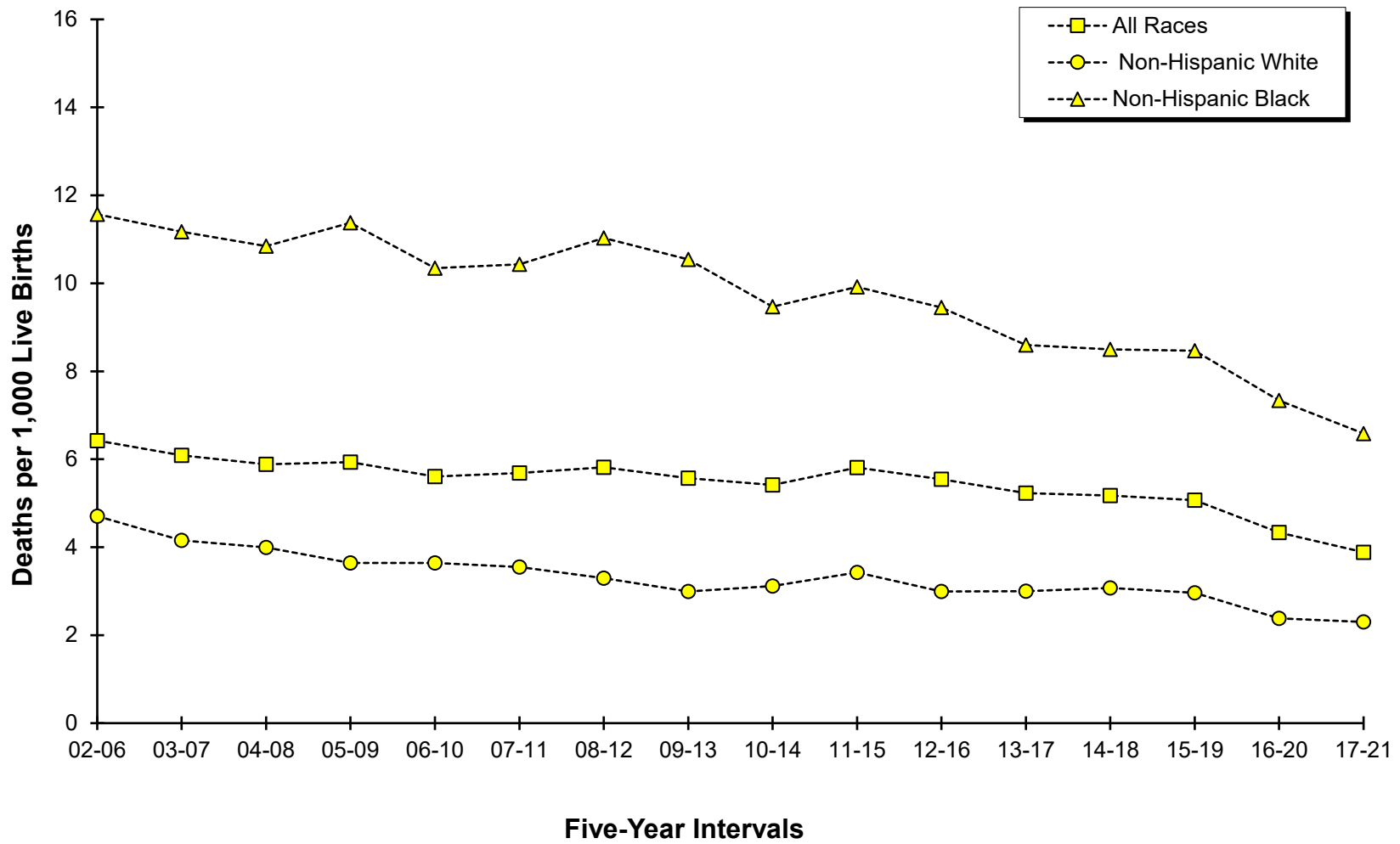
Notes:

1. 2006-2010 U.S. data are based on NCHS estimates.
2. Neonatal mortality rates represent the number of deaths of children under 28 days of age per 1000 live births.
3. '+' indicates that the Delaware rate is significantly higher than the U.S. rate.
4. "----" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

Sources: National Center for Health Statistics

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

Figure E-3. Five-Year Average Neonatal Mortality Rates by Race, Delaware, 2002-2021



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, 2004-2021

Area/ Race	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
U.S.														
All Races	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	N/A	N/A
Non-Hispanic White	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	N/A	N/A
Non-Hispanic Black	4.5	4.4	4.3	4.2	4.1	3.9	3.7	3.7	3.7	3.7	3.7	3.8	N/A	N/A
Delaware														
All Races	2.5	2.3	2.4	2.4	2.3	2.1	2	1.9	2	2.1	2.1	2.2	2.2	2
White Non-Hispanic	1.8	1.7	1.8	1.9	1.9	1.8	1.9	1.6	1.6	1.5	1.4	1.3	1.4	1.1
Black Non-Hispanic	4.3	4.1	3.7	3.2-	3.2	2.9-	2.7-	2.5-	3.1	3.5	3.7	4.1	4.3	4.4
Kent														
All Races	2.6	2.3	2.0	1.9	2.1	1.8	---	1.9	2.0	1.8	1.9	1.8	2.0	2.1
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Castle														
All Races	2.5	2.3	2.6	2.7	2.5	2.4	2.3	1.8	1.9	1.9	1.8	2.0	2.2	2.0
Non-Hispanic White	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	3.9	3.9	3.9	3.4	3.5	3.1	2.6	---	2.4	2.8	2.9	3.8	4.3	4.4
Wilmington														
All Races	4.1	4.2	5.1	5.2	4.6	3.7	---	---	---	---	---	4.3	4.7	5.3
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	---	---	5.3	---	---	---	---	---	---	---	---	---	---	7.8
Balance of NC County														
All Races	2.1	1.9	2.1	2.1	2.1	2.1	2.1	1.8	1.9	1.8	1.6	1.6	1.7	1.4
Non-Hispanic White	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	3.6	3.4	3.1	---	---	---	---	---	---	---	---	---	3.3	3.1
Sussex														
All Races	2.4	2.3	2.2	2.1	1.8	1.8	---	2.1	2.3	2.9	3.0	3.0	2.3	2.2
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---

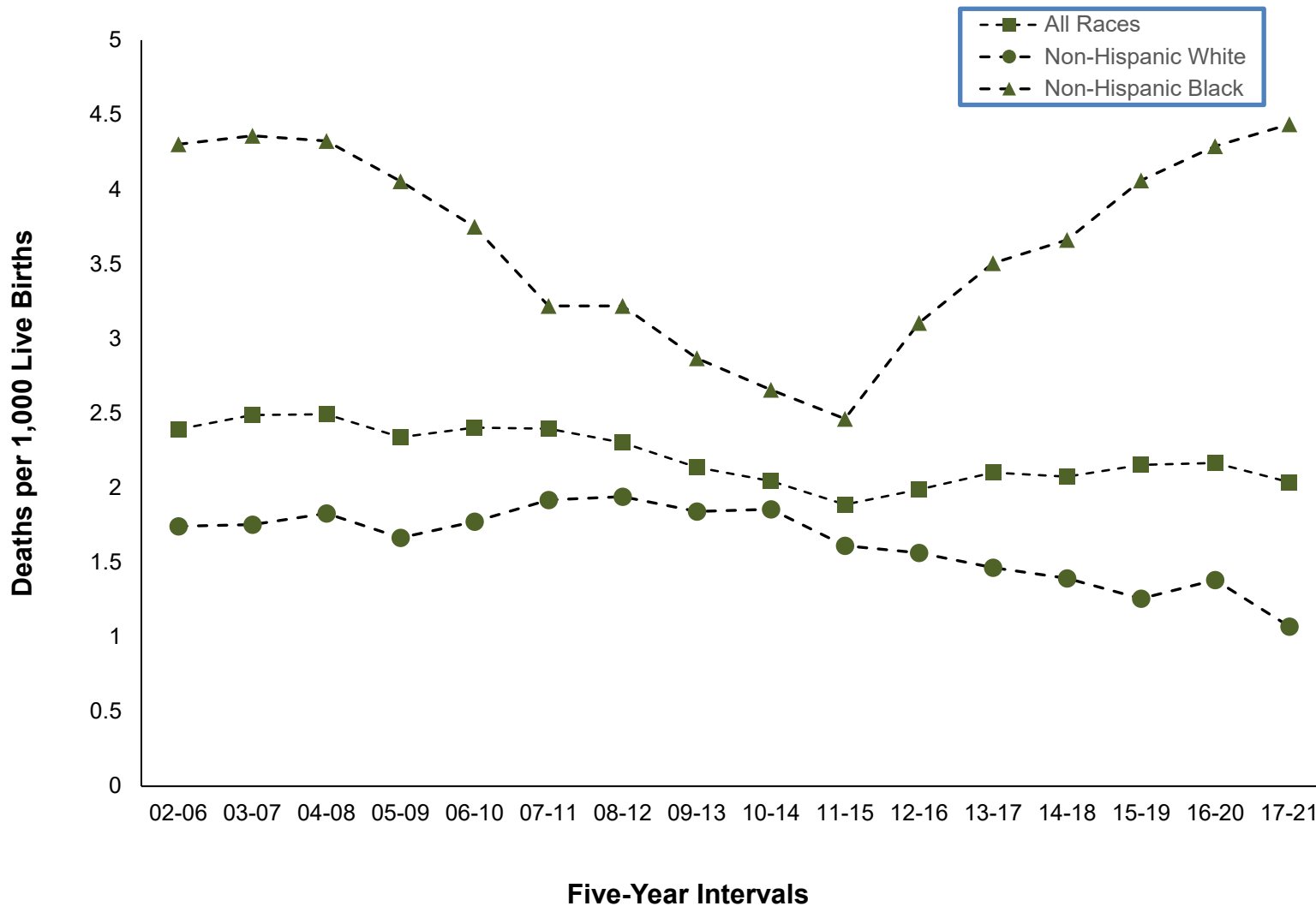
Notes:

1. 2006-2010 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, 2002-2021



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, 2016-2020 LIVE BIRTH COHORT

Risk Factor	Non-Hispanic		
	All	White	Black
Birth Weight of Child			
<2500	48.0	29.2	60.4
<1500	212.3	171.6	226.2
1500-2499	10.5	---	---
2500+	1.8	1.8	2.6
Age of Mother			
<20	6.7	---	---
20-24	7.8	5.3	12.7
25-29	6.0	3.3	9.0
30+	5.3	3.5	10.7
Marital Status of Mother			
Married	4.3	3.1	9.2
Single	8.0	5.1	11.4
Education of Mother			
<12 years	7.6	5.4	12.4
H.S. diploma	8.4	5.9	13.0
1+ years college	4.1	2.7	7.8
Interval Since Last Live Birth			
<18 months	9.9	---	---
18+ months	4.8	3.7	8.2

Notes:

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

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

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	71	0	1	0	72	98.6	98.6
Congenital malformations, deformations, and chromosomal abnormalities	19	11	22	0	52	36.5	57.7
Newborn affected by maternal complications of pregnancy	25	1	0	0	26	96.2	100.0
Sudden infant death syndrome	1	2	19	0	22	4.5	13.6
Accidents (unintentional injuries)	0	1	11	0	12	0.0	8.3
Newborn affected by complications of placenta, cord, and membranes	9	0	0	0	9	100.0	100.0
Bacterial sepsis of newborn	7	2	0	0	9	77.8	100.0
Respiratory distress of newborn	8	0	0	0	8	100.0	100.0
Septicemia	5	0	1	0	6	83.3	83.3
Diseases of the circulatory system	0	2	4	0	6	0.0	33.3
Diarrhea and gastroenteritis of infectious origin	5	0	0	0	5	100.0	100.0
Necrotizing enterocolitis of newborn	3	1	1	0	5	60.0	80.0
Neonatal hemorrhage	3	1	0	0	4	75.0	100.0
Assault (homicide)	0	2	2	0	4	0.0	50.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	2	0	1	0	3	66.7	66.7
Intrauterine hypoxia and birth asphyxia	2	0	1	0	3	66.7	66.7
Hematological disorders	2	0	1	0	3	66.7	66.7
Slow fetal growth and fetal malnutrition	2	0	0	0	2	100.0	100.0
Interstitial emphysema and related conditions originating in the perinatal period	1	0	1	0	2	50.0	50.0
Diseases of the blood and blood-forming organs and certain disorders involving the imr	1	0	0	0	1	100.0	100.0
All other causes	25	10	31	0	66	37.9	53.0
TOTAL	191	33	96	0	320	59.7	70.0

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, 2004-2020

Parameter/ Race	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020
BIRTHWEIGHT													
2500+													
All Races	2.0	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	1.9	1.8
Non-Hispanic White	1.6	1.6	2.0	2.3	2.4	2.5	2.4	2.2	2.0	1.8	1.9	2.0	1.8
Non-Hispanic Black	2.9	2.7	2.6	2.2	2.5	2.5	2.5	2.6	2.6	2.9	2.9	2.5	2.6
<2500													
All Races	69.2	70.6	65.5	67.1	68.2	64.6	61.7	64.6	62.2	58.2	57.7	54.2	48.0
Non-Hispanic White	59.8	55.5	54.5	52.3	51.1	46.9	47.1	49.4	48.1	44.2	43.6	37.5	29.2
Non-Hispanic Black	84.2	90.1	82.1	86.5	88.9	83.3	76.3	79.6	74.7	71.0	69.0	66.7	60.4
<1500													
All Races	286.8	279.3	260.8	264.7	267.6	258.6	253.1	267.7	263.8	247.2	246.5	234.7	212.3
Non-Hispanic White	268.1	240.6	228.6	222.5	215.2	203.9	209.0	228.3	221.4	218.0	229.6	201.3	171.6
Non-Hispanic Black	290.9	298.0	283.3	295.2	308.6	296.5	277.2	289.4	290.9	268.1	257.8	254.3	226.2
GESTATION													
37+ weeks													
All Races	2.0	2.0	2.4	2.6	2.6	2.5	2.6	2.5	2.2	2.2	2.3	2.1	2.1
Non-Hispanic White	1.8	1.7	2.3	2.7	2.7	2.7	2.8	2.3	2.0	1.7	1.8	1.8	1.8
Non-Hispanic Black	2.8	2.6	2.7	2.6	2.7	2.7	2.9	3.1	3.0	3.4	3.6	3.2	3.4
<37 weeks													
All Races	47.0	47.3	43.6	44.3	45.5	44.0	41.5	44.8	43.3	40.4	39.9	38.3	33.1
Non-Hispanic White	36.8	35.0	34.2	33.0	32.3	31.2	28.9	32.8	33.0	30.4	30.1	27.5	20.3
Non-Hispanic Black	68.5	71.5	64.4	66.8	69.6	65.6	60.1	63.0	58.5	55.6	54.2	52.8	47.1
<32 weeks													
All Races	220.4	216.9	195.0	195.7	198.7	190.8	178.9	189.6	186.9	177.0	174.0	172.1	156.8
Non-Hispanic White	191.1	178.3	160.1	154.9	146.2	137.7	130.1	144.2	144.6	141.8	144.0	133.3	115.3
Non-Hispanic Black	254.0	258.1	236.5	241.2	249.6	235.5	216.0	226.1	225.0	212.5	205.3	205.6	182.9
PLURALITY													
Single													
All Races	7.0	7.0	7.0	7.0	6.9	6.7	6.3	6.4	6.1	5.9	6.0	5.9	5.3
Non-Hispanic White	5.1	4.7	5.3	5.4	5.2	5.1	4.8	4.6	4.4	4.0	4.1	4.0	3.4
Non-Hispanic Black	12.2	12.6	11.8	11.7	11.8	11.5	10.6	10.9	10.4	10.6	10.4	10.0	9.5
Plural													
All Races	40.3	41.0	32.6	34.2	35.0	34.5	36.1	42.6	43.4	37.7	38.0	33.3	28.1
Non-Hispanic White	26.5	26.2	21.0	20.8	22.0	22.2	27.0	33.3	35.2	31.0	29.1	23.3	14.3
Non-Hispanic Black	68.6	70.4	54.9	54.9	56.6	46.6	40.5	47.5	50.4	43.0	50.5	49.1	42.2
SMOKING DURING PREGNANCY													
No													
All Races	7.4	7.6	7.4	7.4	7.4	7.2	6.7	6.9	6.6	6.4	6.4	6.2	5.5
Non-Hispanic White	5.1	4.9	5.5	5.4	5.5	5.3	4.9	4.7	4.5	4.0	4.0	4.0	3.4
Non-Hispanic Black	13.2	13.8	12.8	13.0	13.3	12.5	11.6	12.0	11.2	11.1	11.0	10.4	9.7
Yes													
All Races	13.3	12.1	10.7	10.8	10.0	9.7	10.7	11.5	12.1	11.9	13.4	12.3	11.8
Non-Hispanic White	10.8	8.7	8.2	8.5	7.3	6.9	8.8	10.0	10.4	10.0	10.7	8.6	6.8
Non-Hispanic Black	21.6	21.9	17.8	16.1	16.2	16.0	14.4	15.0	17.6	18.3	20.0	22.0	22.6

TABLE E-9. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS, DELAWARE LIVE BIRTH COHORT, 2003-2020 (continued)

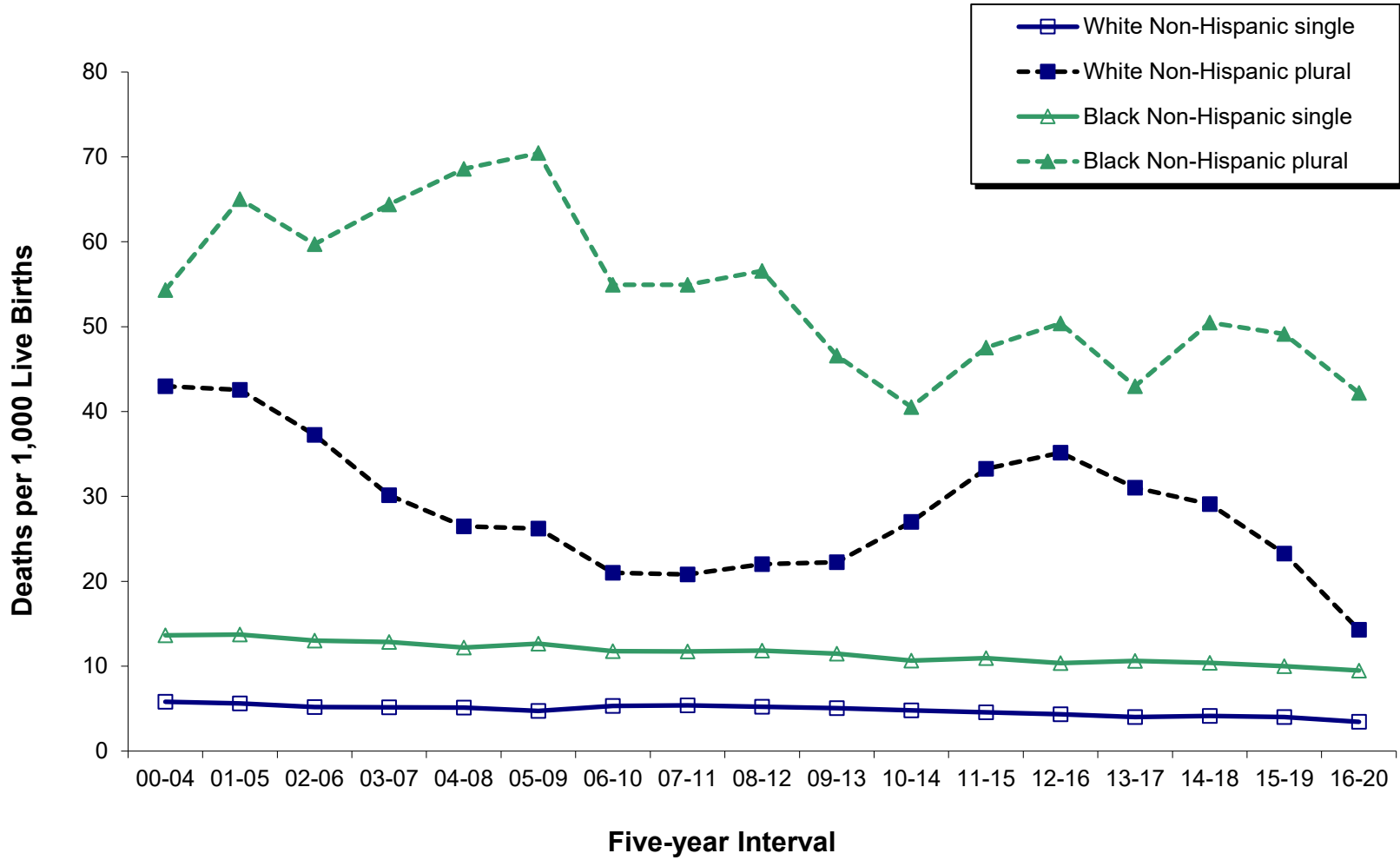
Parameter/ Race	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020
EDUCATION														
HS Grad or less														
All Races	10.8	10.1	10.0	10.0	10.0	9.5	9.5	8.8	9.3	8.9	9.2	9.3	9.4	8.1
Non-Hispanic White	8.8	8.5	8.1	8.6	8.3	7.8	7.7	7.2	7.8	7.5	7.3	7.3	7.4	5.8
Non-Hispanic Black	16.4	15.3	15.4	14.8	15.0	15.3	15.1	13.7	14.2	13.3	13.9	13.6	14.2	12.9
1+ yrs college														
All Races	5.4	5.6	5.9	5.6	5.8	6.2	5.7	5.7	5.9	5.7	5.1	5.2	4.6	4.1
Non-Hispanic White	4.0	4.0	3.8	4.1	4.5	4.7	4.4	4.5	4.3	4.1	3.6	3.7	3.3	2.7
Non-Hispanic Black	11.1	11.5	13.1	11.2	10.8	11.0	9.7	9.2	9.6	9.5	9.1	9.4	8.0	7.8
PAYMENT FOR DELIVERY														
Medicaid														
All Races	10.4	10.2	9.9	9.5	9.3	8.8	8.5	8.2	8.7	8.7	8.2	8.5	8.1	7.1
Non-Hispanic White	8.9	9.2	8.2	8.4	7.3	7.1	6.7	6.8	7.1	7.6	6.8	7.1	6.5	5.0
Non-Hispanic Black	14.5	14.1	14.0	12.9	13.5	13.5	13.0	12.2	12.6	11.8	11.2	11.3	11.0	10.3
Private Insurance														
All Races	6.7	6.4	6.6	6.4	6.4	6.6	6.4	6.2	6.2	5.9	5.8	5.6	5.4	4.9
Non-Hispanic White	4.7	4.5	4.3	4.6	5.1	4.9	4.9	4.6	4.5	4.0	3.8	3.7	3.5	3.1
Non-Hispanic Black	15.5	14.9	16.3	14.8	13.4	13.9	12.6	11.3	12.2	12.0	13.0	12.6	11.6	10.7

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.

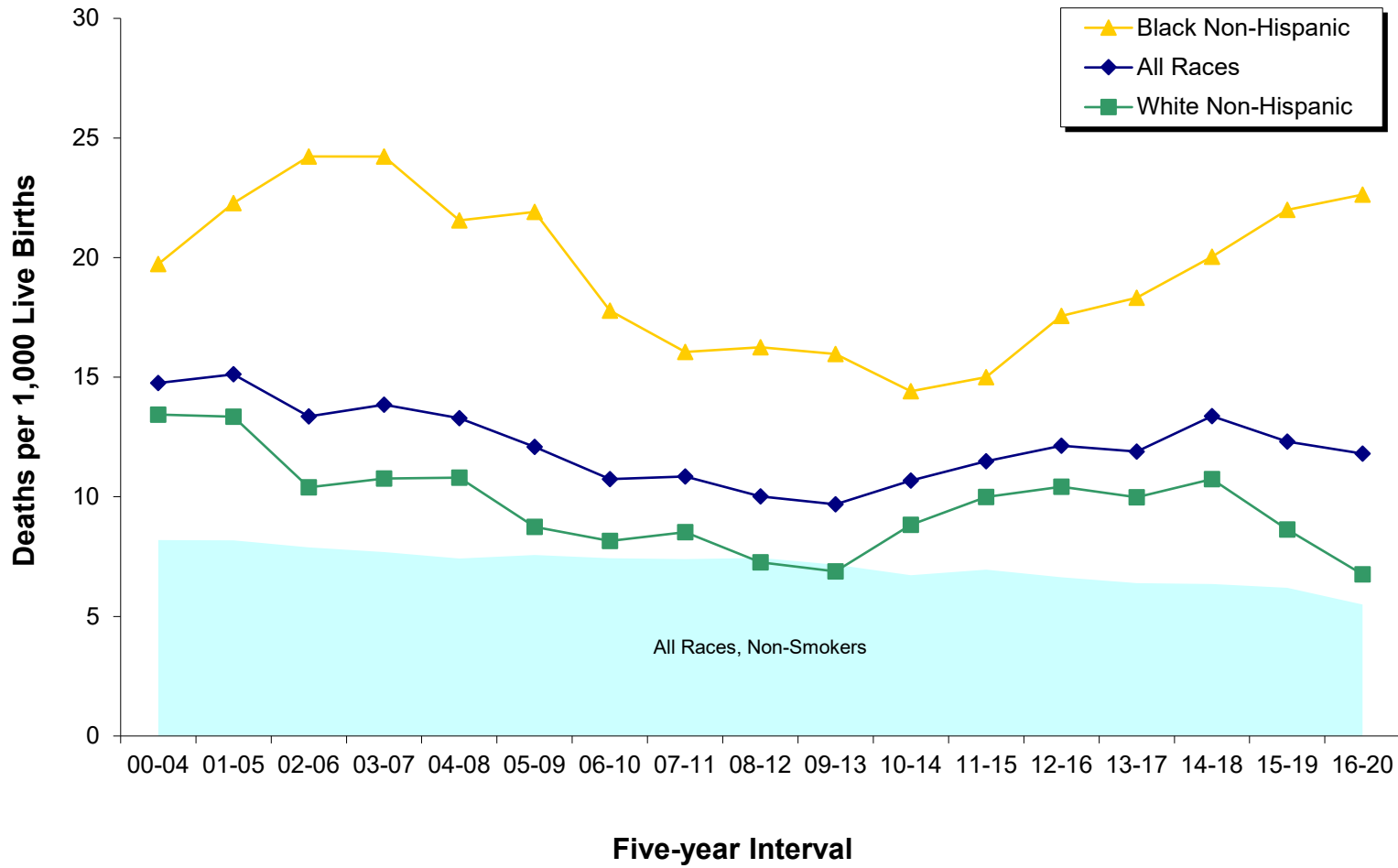
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-5. Five-year Average Infant Mortality Rates by Race and Plurality, Delaware, 2000-2020 Live Birth Cohort



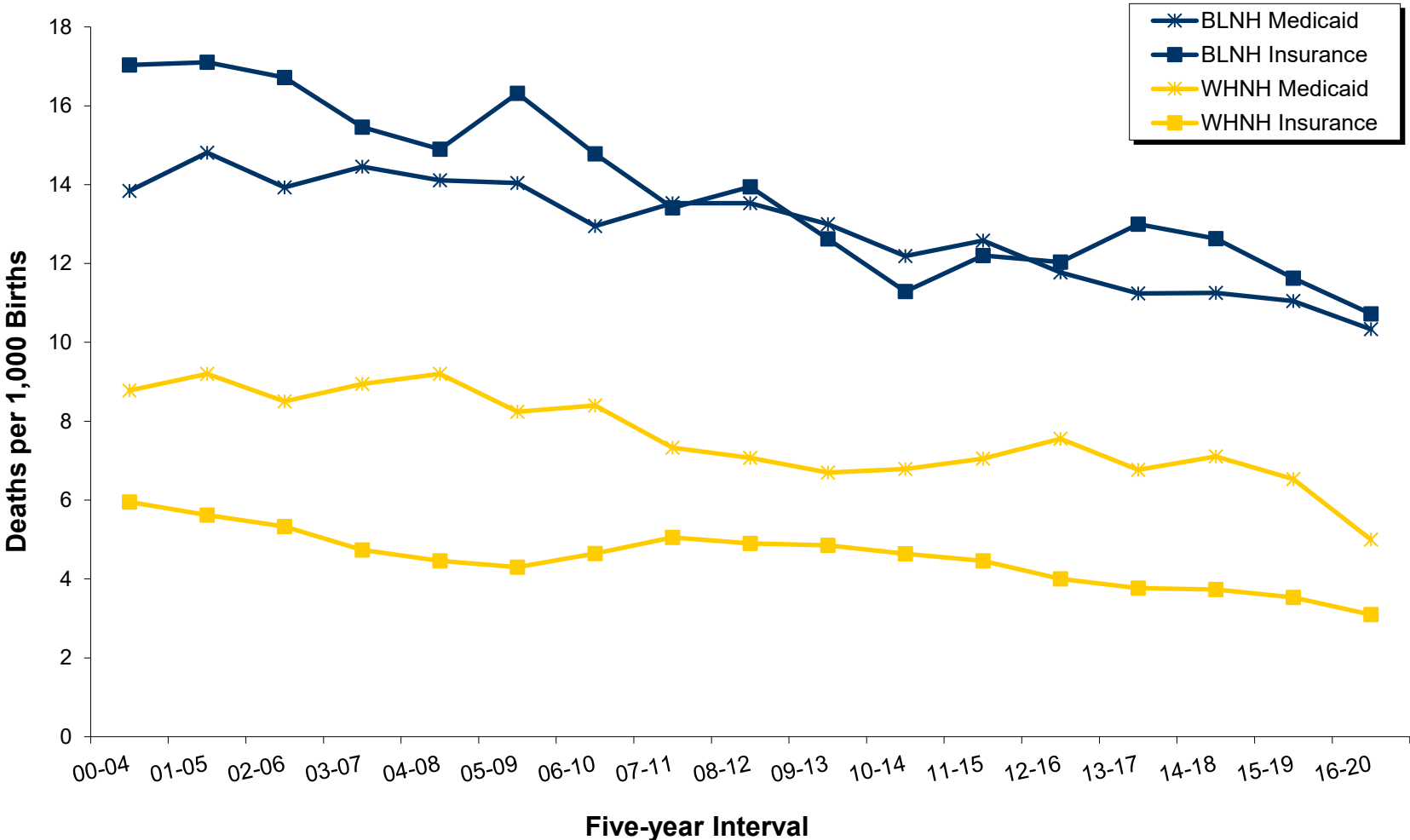
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-6. Five-year Average Infant Mortality Rates by Race of Mothers who Smoked during Pregnancy versus all Non-smoking Mothers, Delaware, 2000-2020 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, 2000-2020 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, 2016-2020, 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	320	160	160	98	46	52	155	77	78	19	11	8
<2500	231	114	117	54	25	29	120	59	61	17	10	7
<1500	190	97	93	46	22	24	102	49	53	13	9	4
<500	93	47	46	17	6	11	55	27	28	9	6	3
500-999	84	46	38	26	15	11	39	20	19	3	2	1
1000-1499	13	4	9	3	1	2	8	2	6	1	1	0
1500-1999	18	5	13	2	0	2	7	3	4	2	0	2
2000-2499	23	12	11	6	3	3	11	7	4	2	1	1
2500+	87	45	42	44	21	23	33	17	16	2	1	1
2500-2999	32	18	14	13	6	7	12	7	5	2	1	1
3000-3499	32	14	18	15	5	10	14	7	7	0	0	0
3500-3999	14	7	7	9	5	4	5	2	3	0	0	0
4000-4499	8	6	2	7	5	2	1	1	0	0	0	0
4500+	1	0	1	0	0	0	1	0	1	0	0	0
Unknown	2	1	1	0	0	0	2	1	1	0	0	0
Single Births	273	138	135	87	39	48	132	68	64	18	11	7
<2500	189	94	95	43	18	25	100	51	49	17	10	7
<1500	152	78	74	35	15	20	83	42	41	13	9	4
<500	79	38	41	15	4	11	47	23	24	9	6	3
500-999	63	36	27	17	10	7	31	17	14	3	2	1
1000-1499	10	4	6	3	1	2	5	2	3	1	1	0
1500-1999	15	5	10	2	0	2	7	3	4	2	0	2
2000-2499	22	11	11	6	3	3	10	6	4	2	1	1
2500+	83	44	39	44	21	23	31	17	14	1	1	0
2500-2999	28	17	11	13	6	7	10	7	3	1	1	0
3000-3499	32	14	18	15	5	10	14	7	7	0	0	0
3500-3999	14	7	7	9	5	4	5	2	3	0	0	0
4000-4499	8	6	2	7	5	2	1	1	0	0	0	0
4500+	1	0	1	0	0	0	1	0	1	0	0	0
Unknown	1	0	1	0	0	0	1	0	1	0	0	0
Plural Births	47	22	25	11	7	4	23	9	14	1	0	1
<2500	42	20	22	11	7	4	20	8	12	0	0	0
<1500	38	19	19	11	7	4	19	7	12	0	0	0
<500	14	9	5	2	2	0	8	4	4	0	0	0
500-999	21	10	11	9	5	4	8	3	5	0	0	0
1000-1499	3	0	3	0	0	0	3	0	3	0	0	0
1500-1999	3	0	3	0	0	0	0	0	0	0	0	0
2000-2499	1	1	0	0	0	0	1	1	0	0	0	0
2500+	5	2	3	0	0	0	2	0	2	1	0	1
2500-2999	4	1	3	0	0	0	2	0	2	1	0	1
3000-3499	0	0	0	0	0	0	0	0	0	0	0	0
3500-3999	0	0	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	1	1	0	0	0	0	1	1	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, 2016-2020 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	215	116	99	62	31	31	101	53	48	15	11	4
<2500	189	99	90	49	24	25	92	47	45	14	10	4
<1500	166	89	77	43	21	22	83	42	41	13	9	4
<500	93	47	46	17	6	11	55	27	28	9	6	3
500-999	64	40	24	23	14	9	23	15	8	3	2	1
1000-1499	9	2	7	3	1	2	5	0	5	1	1	0
1500-1999	9	2	7	0	0	0	5	2	3	0	0	0
2000-2499	14	8	6	6	3	3	4	3	1	1	1	0
2500+	21	13	8	13	7	6	7	5	2	1	1	0
2500-2999	8	6	2	5	3	2	1	1	0	1	1	0
3000-3499	12	6	6	5	1	4	5	3	2	0	0	0
3500-3999	3	3	0	2	2	0	1	1	0	0	0	0
4000-4499	1	1	0	1	1	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	2	1	1	0	0	0	2	1	1	0	0	0
Single Births	179	97	82	52	24	28	86	46	40	15	11	4
<2500	154	81	73	39	17	22	78	41	37	14	10	4
<1500	134	71	63	33	14	19	69	36	33	13	9	4
<500	79	38	41	15	4	11	47	23	24	9	6	3
500-999	48	31	17	15	9	6	19	13	6	3	2	1
1000-1499	7	2	5	3	1	2	3	0	3	1	1	0
1500-1999	6	2	4	0	0	0	5	2	3	0	0	0
2000-2499	14	8	6	6	3	3	4	3	1	1	1	0
2500+	24	16	8	13	7	6	7	5	2	1	1	0
2500-2999	8	6	2	5	3	2	1	1	0	1	1	0
3000-3499	12	6	6	5	1	4	5	3	2	0	0	0
3500-3999	3	3	0	2	2	0	1	1	0	0	0	0
4000-4499	1	1	0	1	1	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	1	0	1	0	0	0	1	0	1	0	0	0
Plural Births	36	19	17	10	7	3	15	7	8	0	0	0
<2500	35	18	17	10	7	3	14	6	8	0	0	0
<1500	32	18	14	10	7	3	14	6	8	0	0	0
<500	14	9	5	2	2	0	8	4	4	0	0	0
500-999	16	9	7	8	5	3	4	2	2	0	0	0
1000-1499	2	0	2	0	0	0	2	0	2	0	0	0
1500-1999	3	0	3	0	0	0	0	0	0	0	0	0
2000-2499	0	0	0	0	0	0	0	0	0	0	0	0
2500+	0	0	0	0	0	0	0	0	0	0	0	0
2500-2999	0	0	0	0	0	0	0	0	0	0	0	0
3000-3499	0	0	0	0	0	0	0	0	0	0	0	0
3500-3999	0	0	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	1	1	0	0	0	0	1	1	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

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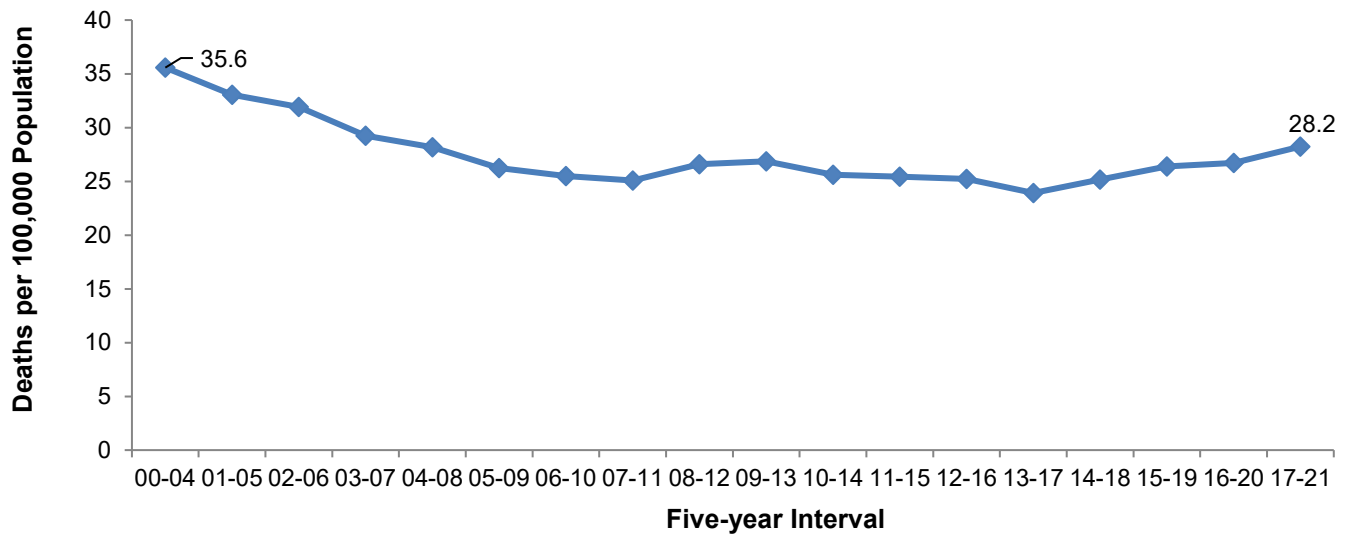
Mortality

CHILD MORTALITY

For 2017-2021, 310 children and adolescents between the ages of 1 and 19 died in Delaware, accounting for one percent of the total deaths that occurred during that time. Males accounted for 67 percent of all child deaths in 2017-2021.

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 2017-2021, the rate decreased 20 percent to 28.2 child deaths (ages 1-19) per 100,000 population.

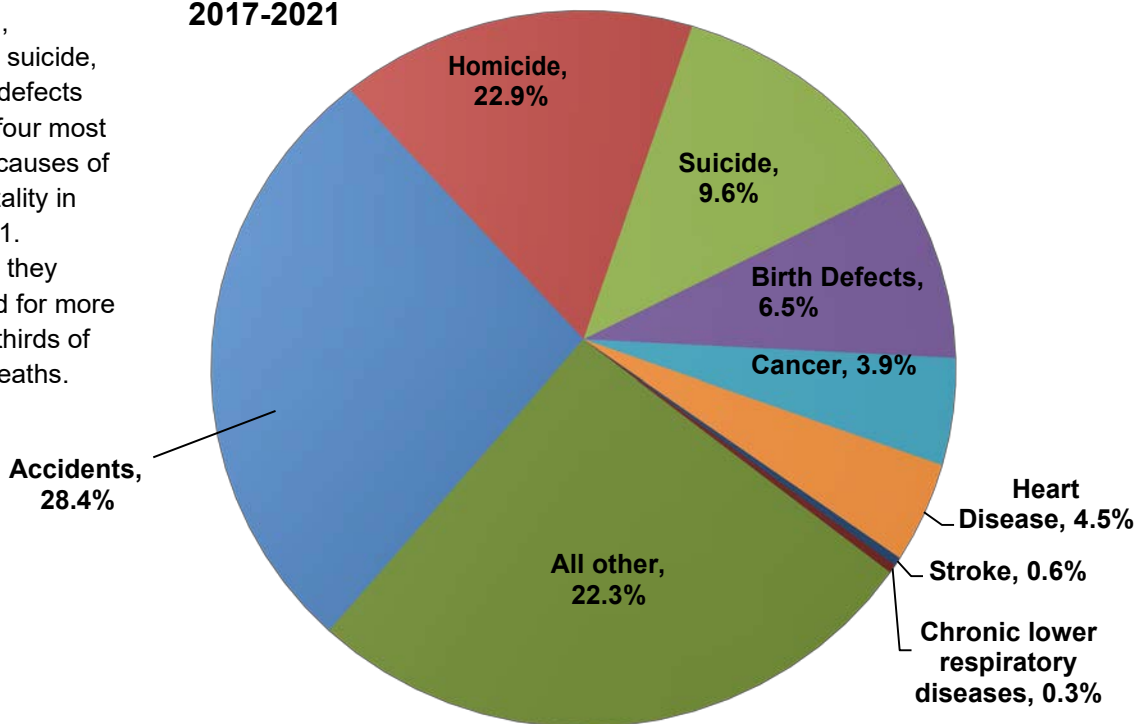
Figure 43. Five-year Average Child (1-19) Mortality Rates, Delaware, 2000-2021



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

Figure 44. Leading Causes of Child Mortality, Delaware, 2017-2021

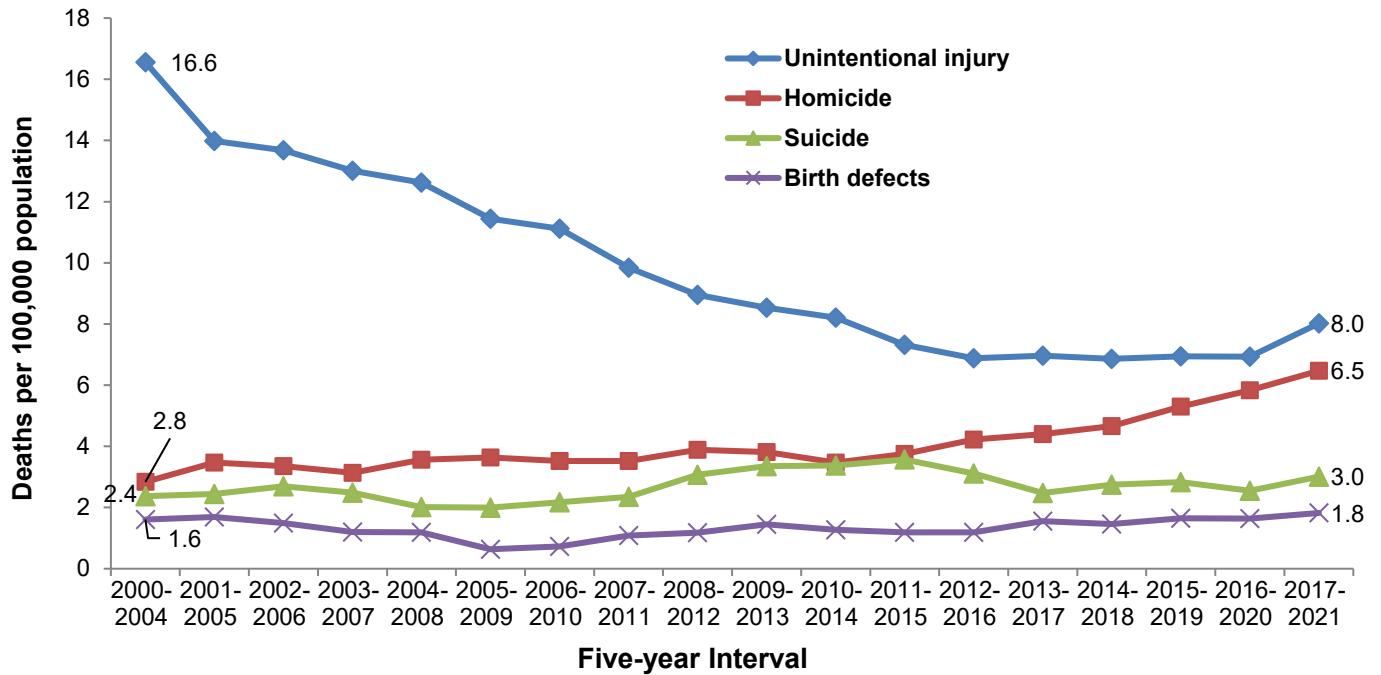
Accidents, homicide, suicide, and birth defects were the four most common causes of child mortality in 2017-2021. Together, they accounted for more than two-thirds of all child deaths.



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

From 2000-2004 to 2017-2021, rates for one of the four leading causes of mortality in children ages 1-19 declined. Unintentional injury mortality rates declined 52 percent (16.6 to 8.0 deaths per 100,000 children). Homicide mortality rates increased by 132 percent from 2000-2004 to 2017-2021 (2.8 to 6.5 deaths per 100,000 children), suicide mortality rates increased 25 percent to 3.0 deaths per 100,000 children, and birth defects saw a slight increase at 1.8 deaths per 100,000 children. Cancer deaths were the fifth leading cause of deaths for children although the rate decreased 63 percent from 2000-2004 to 2017-2021 (3.0 to 1.1 deaths per 100,000 children).

Figure 45. Five-year Average Child (1-19) Mortality Rates, Delaware, 2000-2021



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

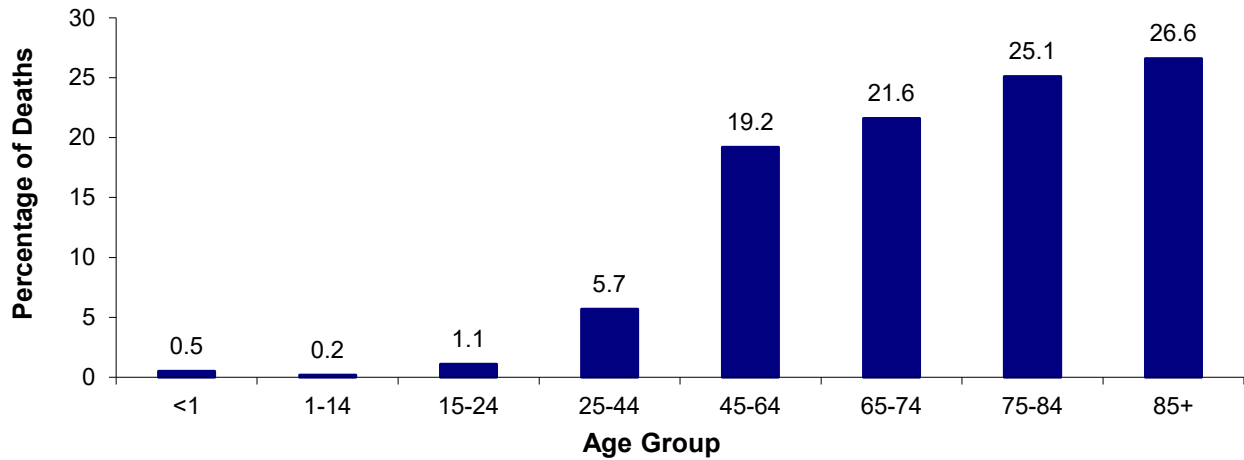
The most common causes of child deaths in 2017-2021 are:

- Motor vehicle crashes accounted for 61 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 17 and 11 percent of unintentional deaths, respectively.
- Most child homicides were due to firearms (83%) and cut/pierce (3%).
- The majority of child cancer deaths were due to brain cancer (17%) and leukemia (8%).
- Suffocation (55%), followed by firearms (27%), were the most common methods of suicide, which accounted for 82 percent of the total suicide deaths.

More Delaware residents died in 2021 than in 2020. A total of 10,897 residents died, 53 of whom were infants under the age of one. Deaths were a little higher in males (54%) than in females (46%). Cancer and heart disease were the most common causes of death, accounting for 38 percent of all deaths in 2021.

- Twenty seven percent of the Delawareans who died in 2021 were 85 or older. Deaths of those 75 and older accounted for more than half of all deaths.

Figure 44. Percent of Deaths by Age, Delaware, 2021



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

- A Delaware resident born in 2021 could expect to live an average of 78 years.
- In 2021, life expectancy at birth varied by race and sex; non-Hispanic white females had the highest life expectancy (81.0) while non-Hispanic black males had the lowest (69.4).
- In 1989, 80 percent of Delaware decedents were buried and 15 percent were cremated. By 2021, the distribution had shifted: 37 percent of decedents were buried and 58 percent were cremated.
- In 2021, cancer was the leading cause of death in Delaware. Heart disease, COVID-19, accidents and strokes made up the remaining top five, while chronic liver disease & cirrhosis became the tenth leading cause of death.

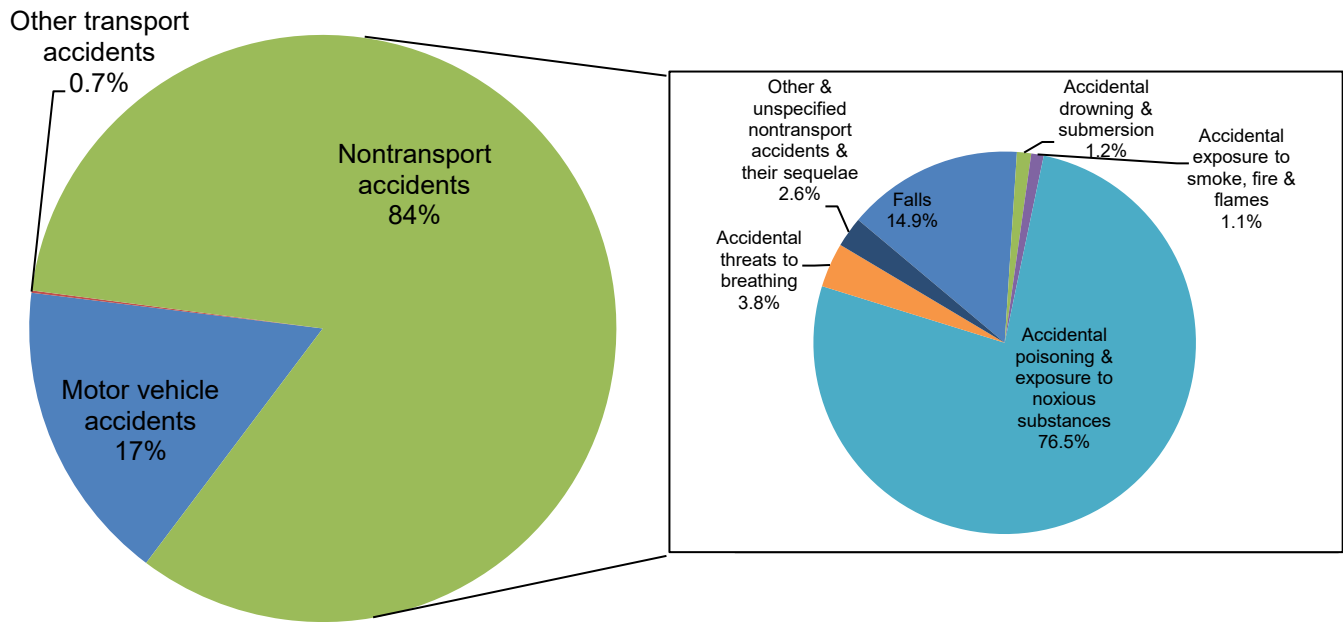
Figure 47. Number of Deaths by Leading Cause Delaware, 2021

Rank	Leading Cause of Death	Number
1	Malignant neoplasms	2,139
2	Diseases of heart	2,088
3	COVID-19	1,042
4	Accidents (unintentional injuries)	798
5	Cerebrovascular diseases	733
6	Chronic lower respiratory diseases	490
7	Alzheimer's disease	376
8	Diabetes mellitus	327
9	Nephritis, nephrotic syndrome & nephrosis	159
10	Chronic liver disease & cirrhosis	138

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

- Of the 798 deaths due to unintentional injury in 2021 (7% of all deaths), 17 percent were due to motor vehicle accidents and 84 percent were due to non-transport accidents. More than three quarters (77%) of the 508 non-transport accidents were caused by unintentional poisonings; the majority (98%) of unintentional poisonings were drug-induced poisonings.
- Unintentional poisonings surpassed motor vehicle injuries as the leading cause of unintentional injury death in 2021.
 - Poisonings caused the most unintentional injuries for non-Hispanic white and non-Hispanic black male and female decedents. Motor vehicle traffic accidents were the second highest unintentional injuries for non-Hispanic black males, females and non-Hispanic white males whereas falls were the second highest unintentional injuries for non-Hispanic white females.
- In 2017-2021, accidents were the number one cause of deaths for people 1-44 years of age, and they were responsible for 42 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 83% of total deaths for that age group.

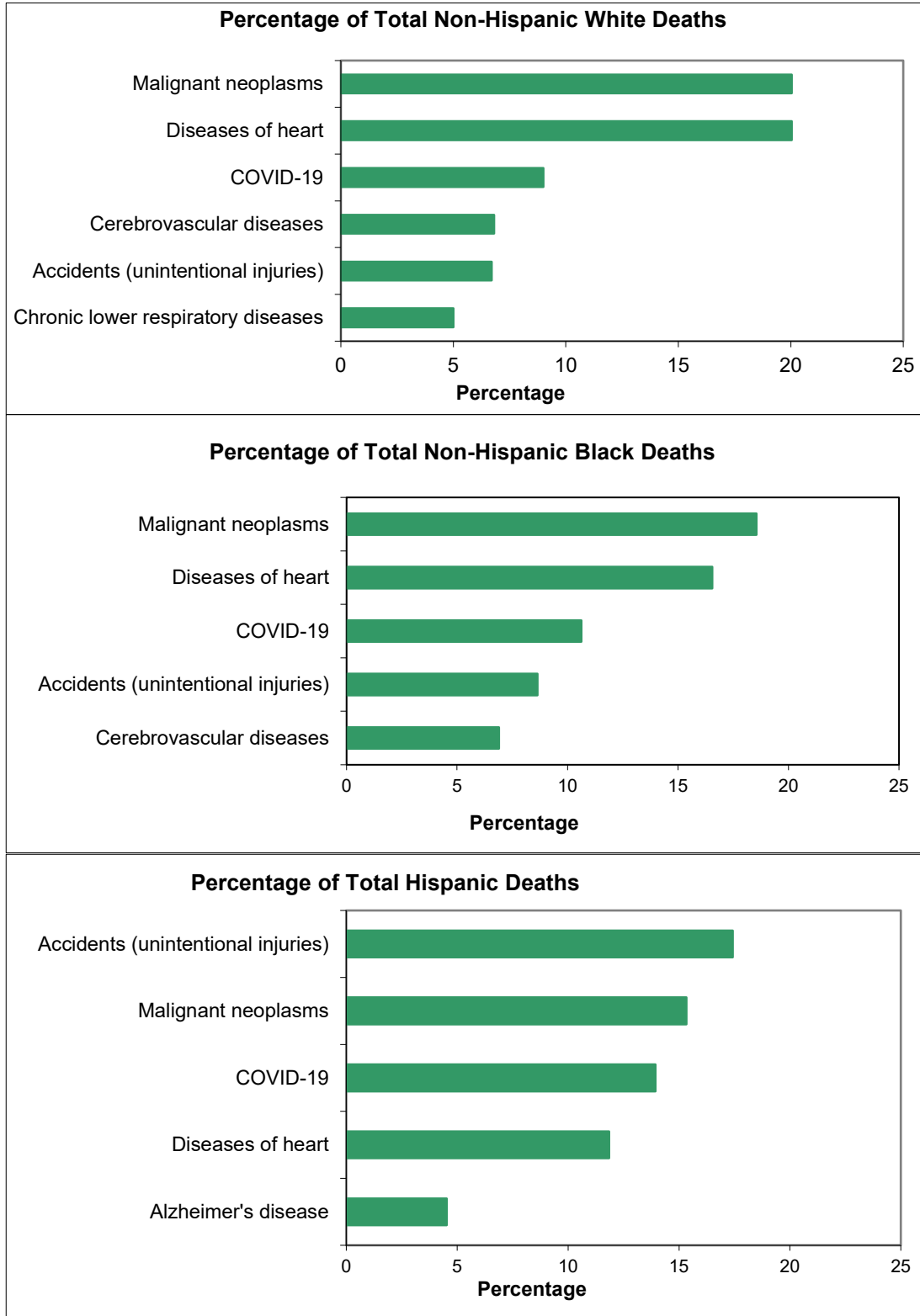
Figure 48. Accidental Causes of Death by Specific Cause of Injury, Delaware, 2021



*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 Cent*

The leading causes of death varied by race and ethnicity. In 2021, 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, 2021

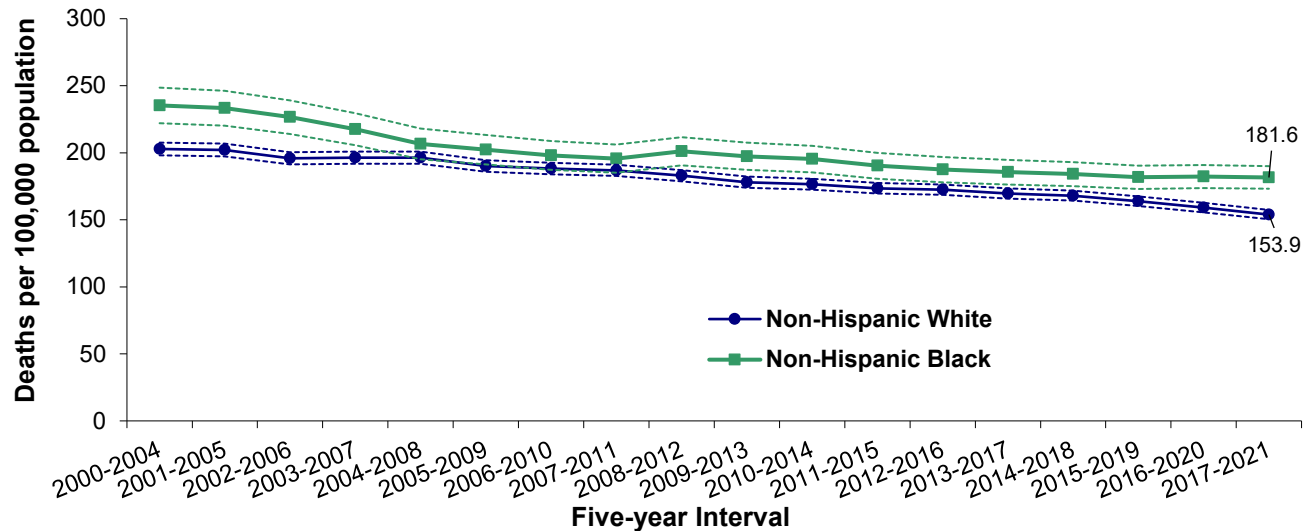


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Cancer mortality rates decreased in all three counties since the 2000-2004 time period. In 2017-2021, the five-year age-adjusted cancer mortality rate was 143 deaths per 100,000 population in Sussex County, 154 deaths per 100,000 population in New Castle County, and 168 deaths per 100,000 population in Kent County. The cancer mortality rate in Wilmington exceeded that of Kent County at 171 and is 12 percent higher than the Delaware age-adjusted cancer mortality rate of 153 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 increased. In 2017-2021, the non-Hispanic black cancer mortality rate of 182 deaths per 100,000 population was 18 % higher than non-Hispanic white rate of 154 deaths per 100,000 population whereas in 2000-2004 the non-Hispanic black rate was 16 % higher (235.3 vs 202.8).

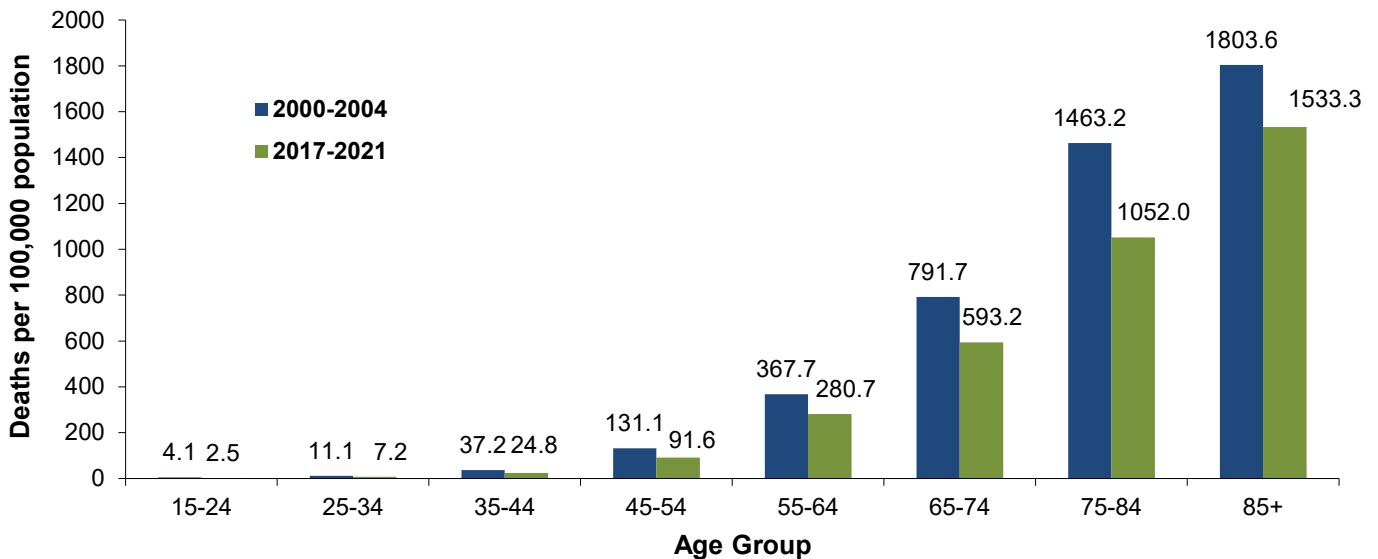
Figure 50. Five-year Age-Adjusted Cancer Mortality Rates by Race, Delaware, 2000-2021



Source: Delaware 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 2017-2021 time periods. The 15-24 and 25-34 age groups experienced the largest decreases; 39 and 35 percent decreases, respectively.

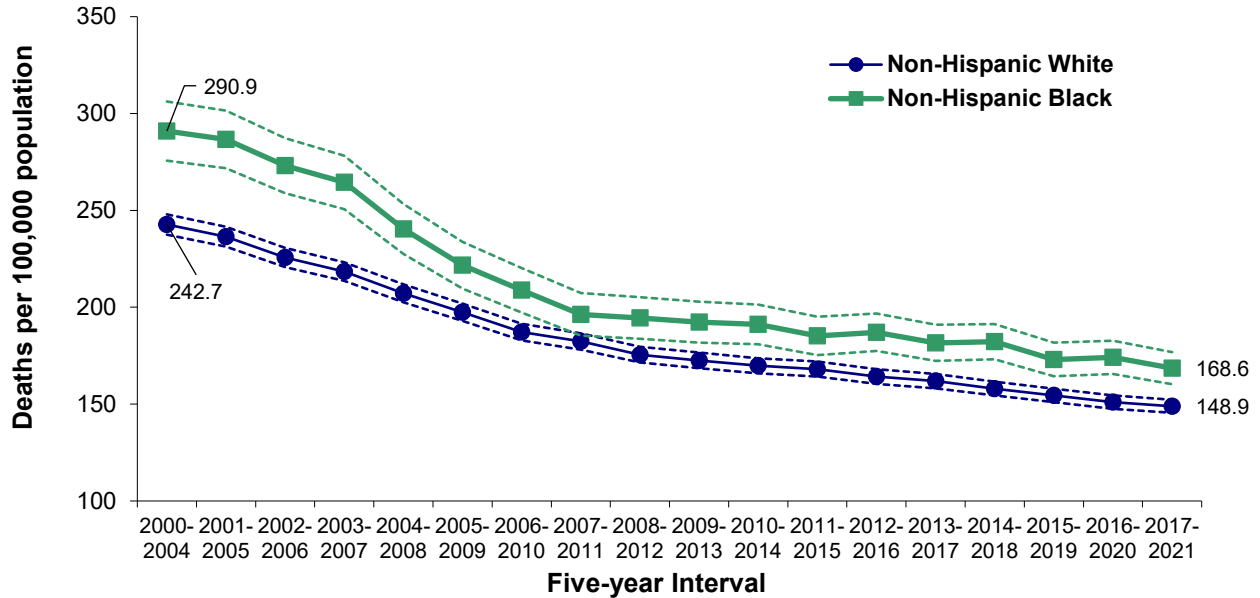
Figure 51. Five-year Average Age-Specific Cancer Mortality Rates, Delaware, 2000-2004 and 2017-2021



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

In 2017-2021, heart disease was the most common cause of death for non-Hispanic white and second most common cause of death for non-Hispanic black Delawareans. Both non-Hispanic black and non-Hispanic white heart disease mortality rates have declined significantly since 2000-2004, with non-Hispanic black rates declining 42 percent and the non-Hispanic white rates declining 39 percent.

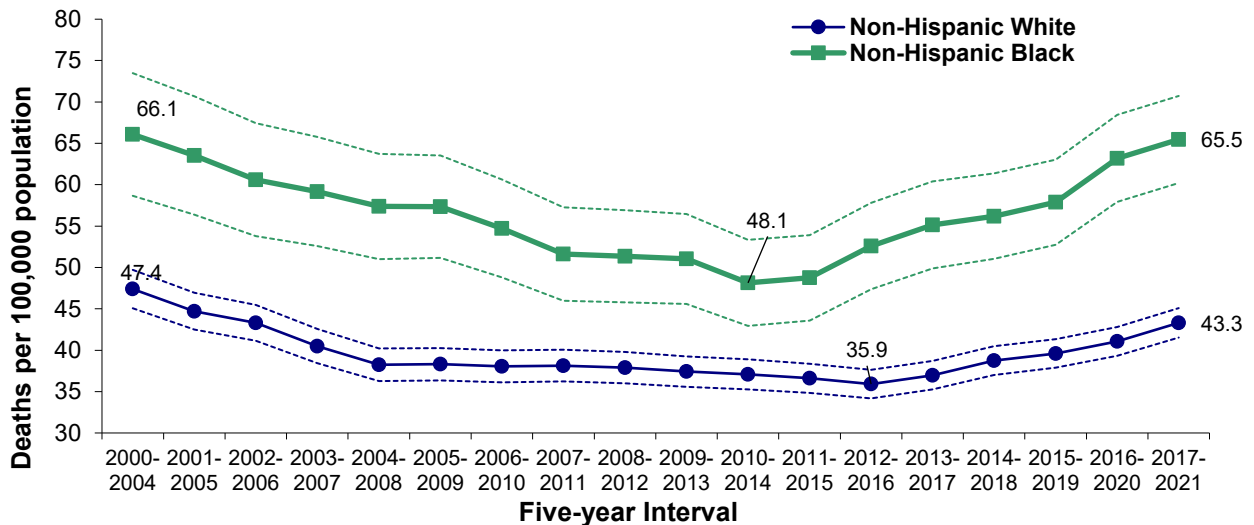
Figure 52. Five-year Age-Adjusted Heart Disease Mortality Rates by Race, Delaware, 2000-2021



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

Non-Hispanic black stroke mortality rates decreased from 2000-2004 to 2010-2014 and then increased by 36% to 65 deaths per 100,000 population in 2017-2021. The non-Hispanic white stroke mortality rate decreased from 2000-2004 through 2012-2016 and then increased 21% to 43 deaths per 100,000 population. In 2017-2021 the non-Hispanic black stroke mortality rate was 51% higher than the non-Hispanic white stroke mortality rate.

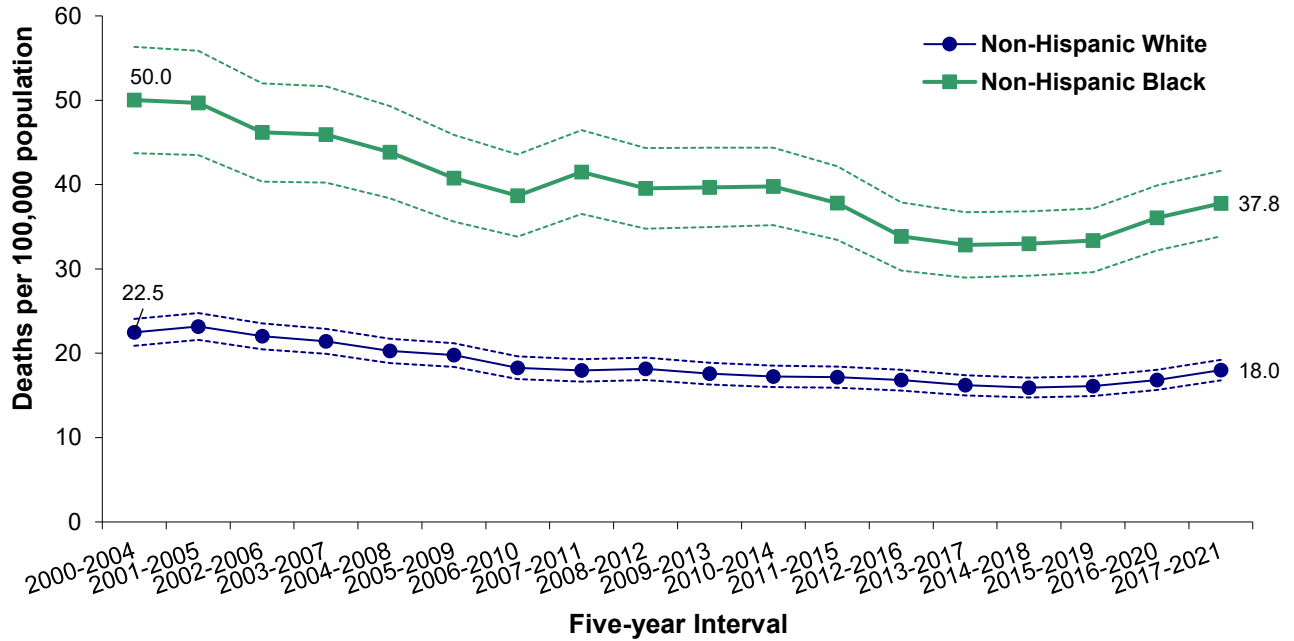
Figure 53. Five-year Age-Adjusted Stroke Mortality Rates by Race, Delaware, 2000-2021



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 24 percent since 2000-2004, their rates were double that of non-Hispanic white rates in 2017-2021

Figure 54. Five-year Age-Adjusted Diabetes Mortality Rates by Race, Delaware, 2000-2020

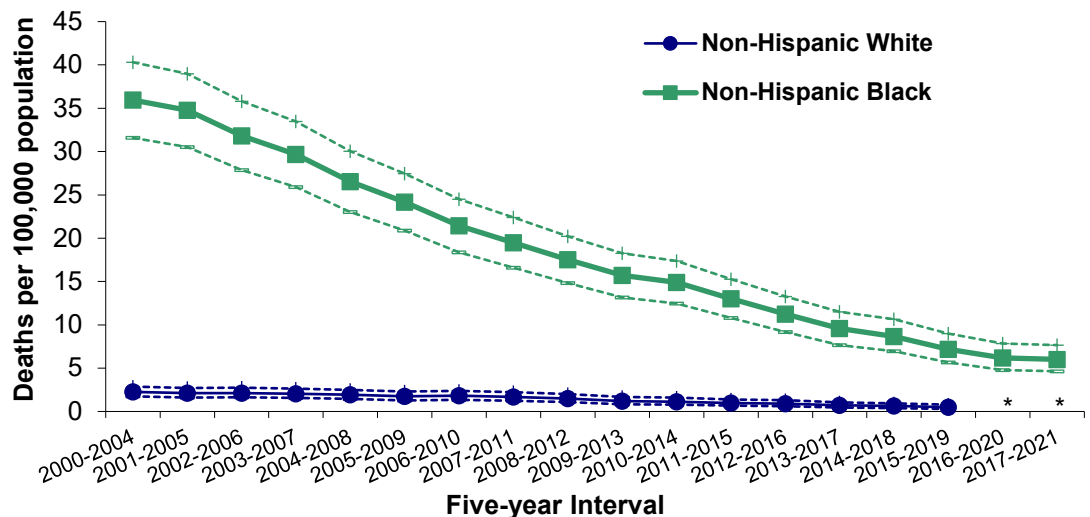


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

HIV/AIDS mortality has disproportionately affected Delaware’s non-Hispanic black population. Although non-Hispanic black HIV/AIDS mortality rates decreased 83 percent since 2000-2004, their 2017-2021 mortality rate of 6 deaths per 100,000 population was 12 times that of the non-Hispanic white mortality rate. Non-Hispanic black residents made up only 21 percent of the total Delaware population in 2017-2021; however, non-Hispanic black decedents accounted for 73 percent of all deaths due to HIV/AIDS.

Figure 55. Five-year Age-Adjusted HIV/AIDS Mortality Rates by Race, Delaware, 2000-2021

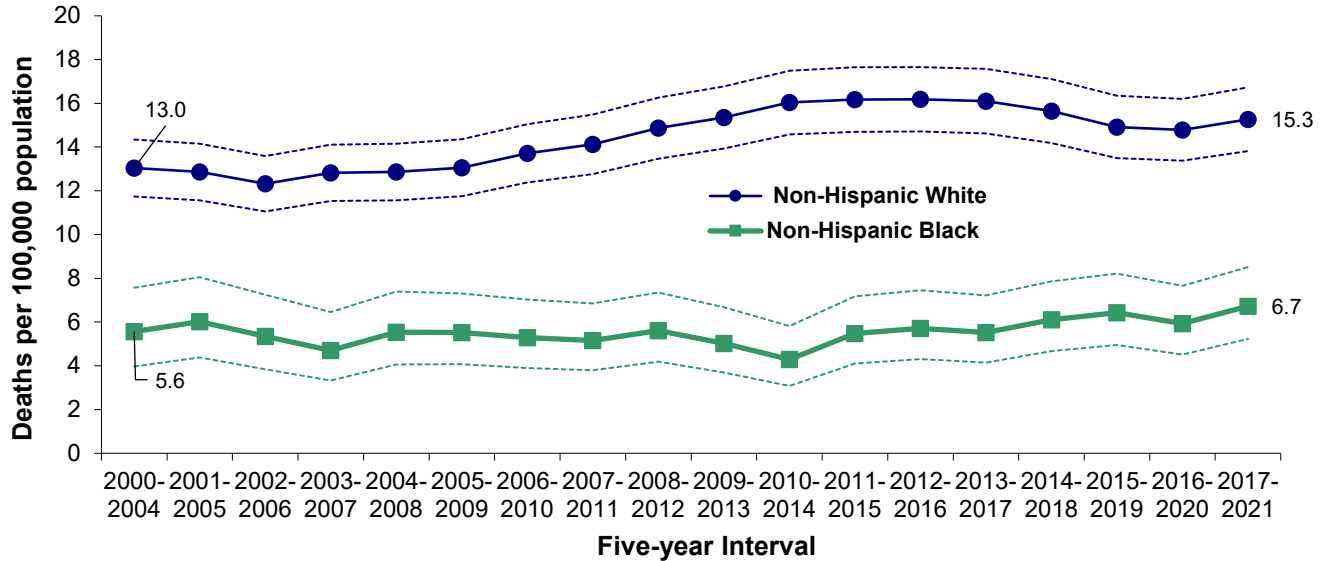
In 2021, HIV was the nineteenth leading cause of death for non-Hispanic black Delawareans; it ranked fifteenth for Hispanic Delawareans.



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals; *Rates for 2016-2020 and 2017-2021 are suppressed due to unreliability of rates based on counts less than 20.

Suicide mortality trends for non-Hispanic white populations increased 18 percent from 2000-2004 to 2017-2021, with the non-Hispanic white rate (15.3 deaths per 100,000 population) more than twice the non-Hispanic black rate (6.7 deaths per 100,000 population).

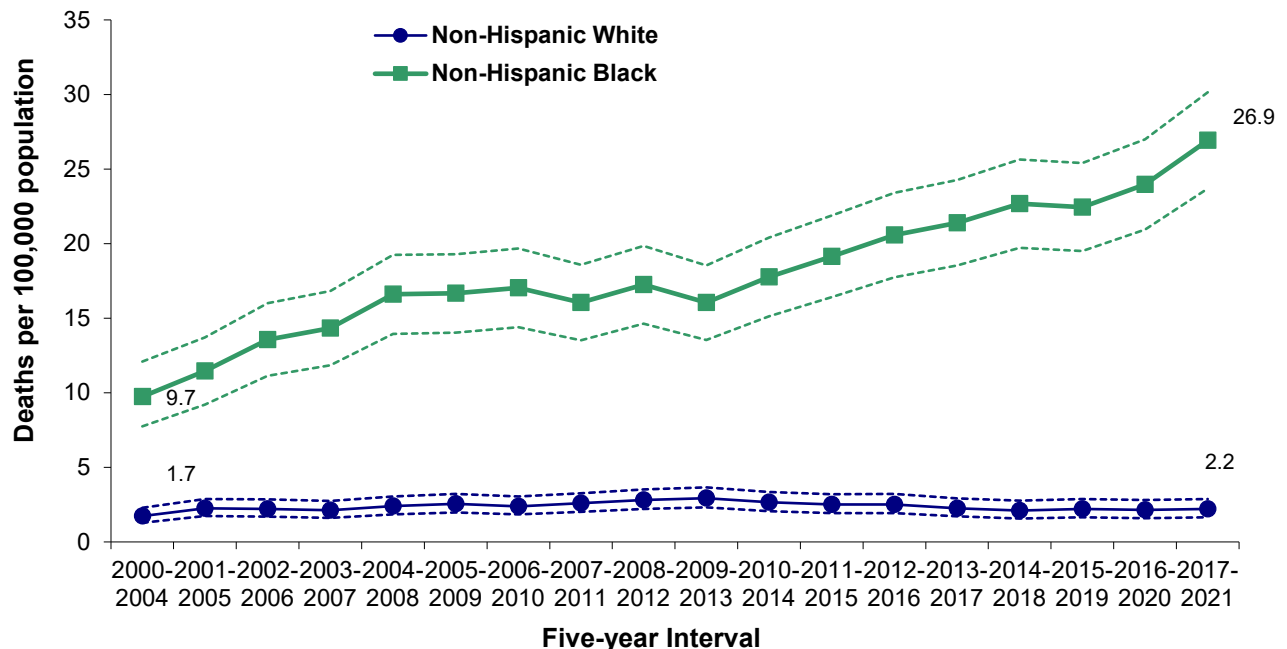
Figure 56. Five-year Age-Adjusted Suicide Mortality Rates by Race, Delaware, 2000-2021



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 95 percent from 3.8 in 2000-2004 to 7.4 deaths per 100,000 population in 2017-2021. During the same period, the non-Hispanic black homicide rate increased 177 percent to 26.9 deaths per 100,000 population and the non-Hispanic white homicide mortality rate increased 29 percent from 1.7 to 2.2 deaths per 100,000 population.

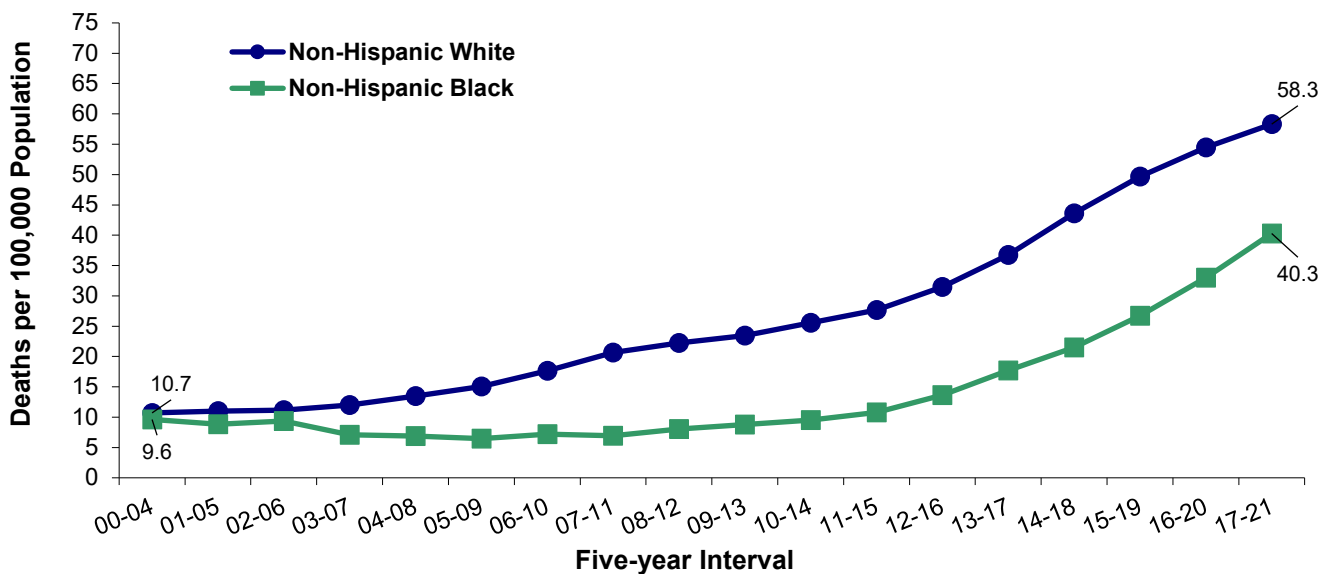
Figure 57. Five-year Age-Adjusted Homicide Mortality Rates by Race, Delaware, 2000-2021



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 2017-2021, the disparity between these rates increased significantly with the non-Hispanic white rate 45% higher than the non-Hispanic black rate. Although the disparity exists between the races, both the non-Hispanic white and black mortality rates for drug-induced deaths increased since 2000-2004. In 2017-2021, the non-Hispanic white rate increased more than fivefold from 10.7 deaths per 100,000 population in 2000-2004 to 58.3 deaths per 100,000 population while the non-Hispanic black rates increased more than four times (9.6 to 40.3 deaths per 100,000 population) in the same timeframe.

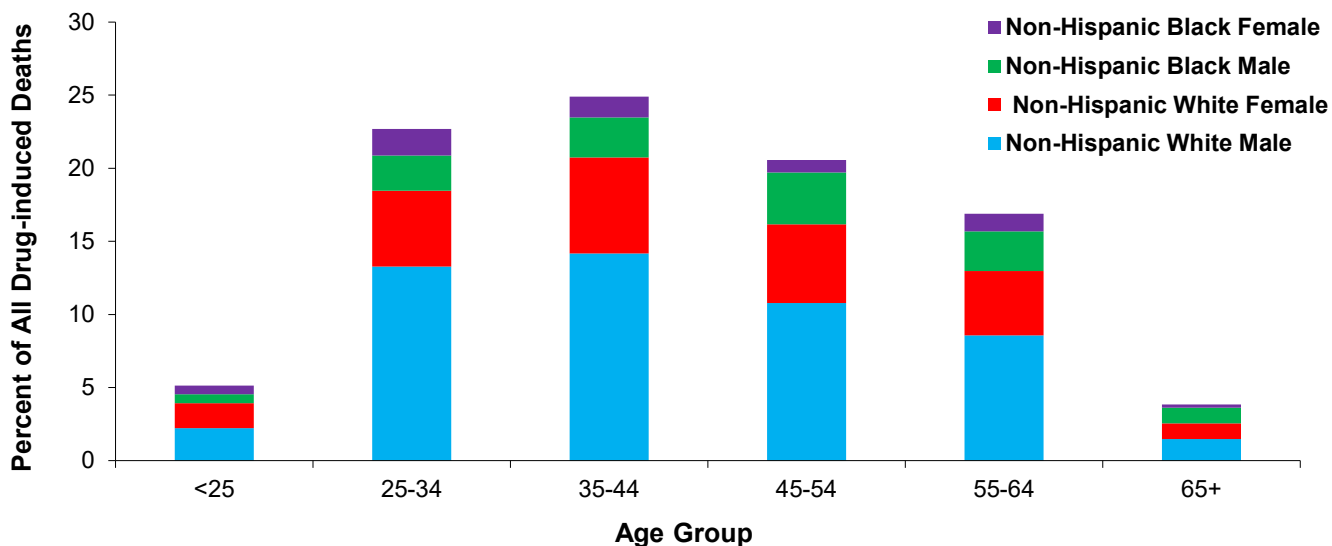
Figure 58. Five-year Age-adjusted Mortality Rates for Drug-induced Deaths by Race, Delaware, 2000-2021



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

Non-Hispanic black decedents accounted for 19 percent of drug induced deaths in 2017-2021. Fifty one percent of all drug- induced deaths were non-Hispanic white males. Non-Hispanic white males aged 25- to-54 made up the highest percentage of drug-induced deaths at 38 percent.

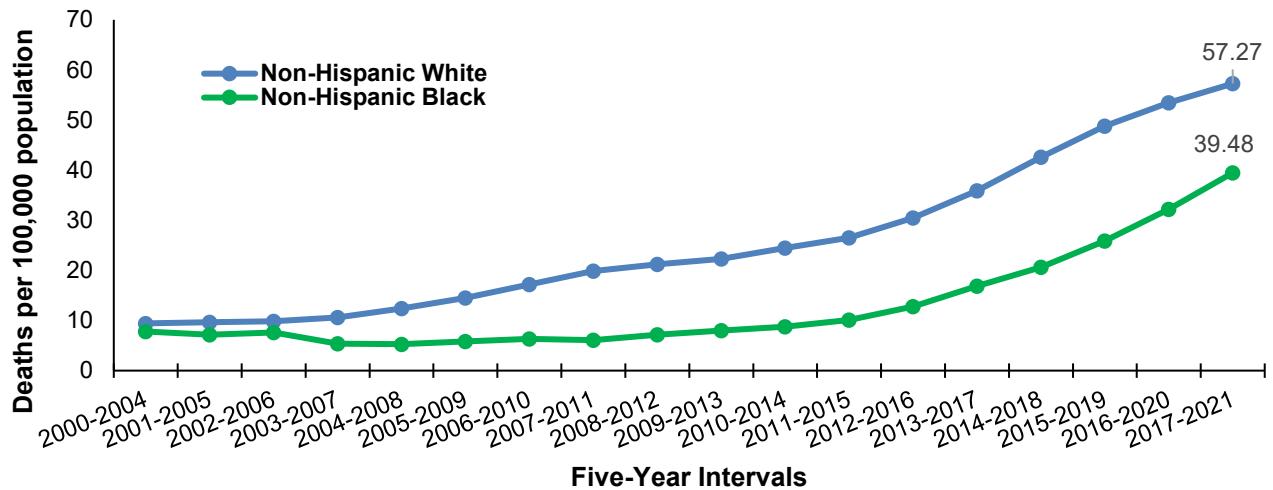
Figure 59. Distribution of Drug-induced Deaths by Race, Sex, and Age group, Delaware 2017-2021



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 2017-2021, the non-Hispanic white five-year age-adjusted mortality rate for drug overdose deaths increased sixfold to 57 deaths per 100,000 population, while the non-Hispanic black rate increased five times to 40 deaths per 100,000 population.

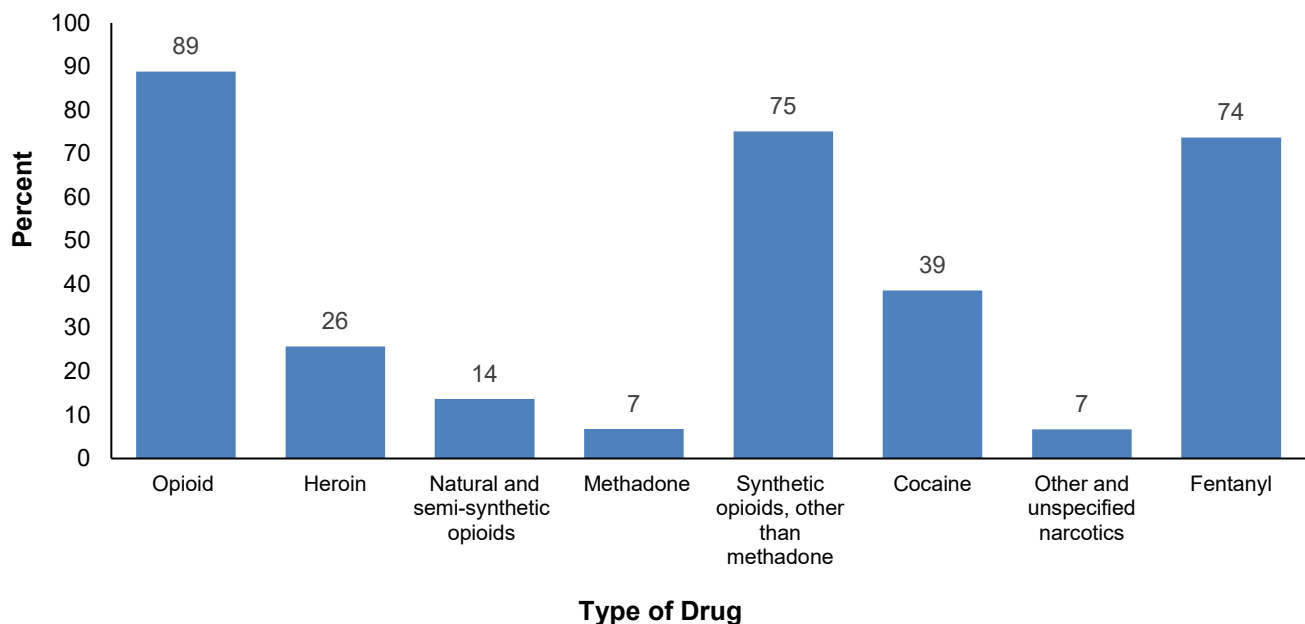
Figure 60. Five-Year Age-adjusted Mortality Rates for Drug Overdose by Race, Delaware 2000-2021



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

In 2017-2021, 89 percent of drug overdose deaths were opioid related, 75 percent involved synthetic opioids other than methadone, 74 percent involved fentanyl, and 26 percent included heroin. Thirty nine percent of overdose deaths included cocaine. In the same timeframe, 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, 2017-2021

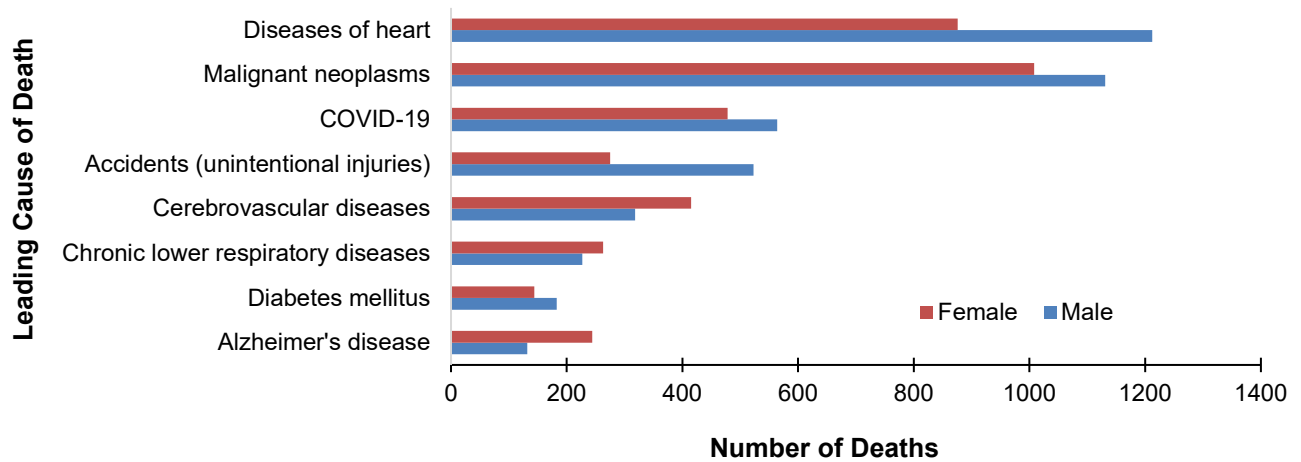


Note: ICD codes Opioid: T40.0 to T40.4 and T40.6, Heroin: T40.1, Natural and semi-synthetic opioids: T40.2, Methadone: T40.3, Synthetic opioids, other than methadone: T40.4 (includes Fentanyl), Cocaine: T40.5, Other and unspecified narcotics: T40.6, Fentanyl is based on literal

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

In 2021, the U.S. continued to be consumed by the COVID-19 pandemic making it the third leading cause of death in 2021. Consistent with the whole of the U.S., COVID-19 was the third leading cause of death for Delaware residents in 2021 with 1042 deaths, ten percent of the total deaths. COVID-19 deaths were higher in males at 54% (564) than females at 46% (478) of the total COVID-19 deaths.

Figure 62. Number of Deaths by Leading Cause and Sex, Delaware, 2021



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

COVID-19 was the third leading cause of death for non-Hispanic white, non-Hispanic black decedents and Hispanic decedents. Non-Hispanic white decedents had the largest number of deaths at 772, although COVID-19 was only 9 percent of the deaths for this group. Of the 287 Hispanic deaths in 2021, 14% or 40 deaths had COVID-19 as the cause. Seventy-four percent (772) of decedents that died from COVID-19 were sixty-five and older.

Figure 63. Percentage of COVID-19 Deaths by Race/Ethnicity, Delaware 2021

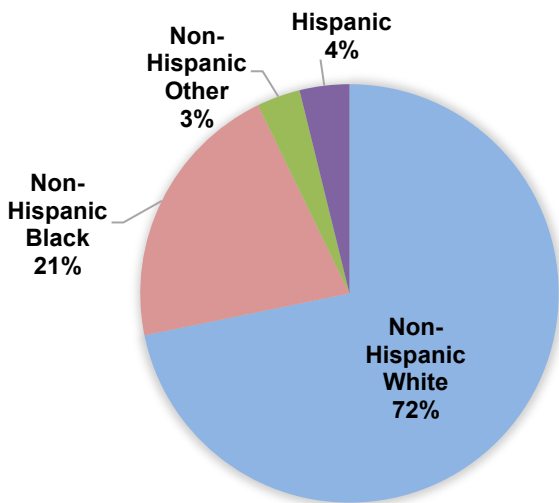
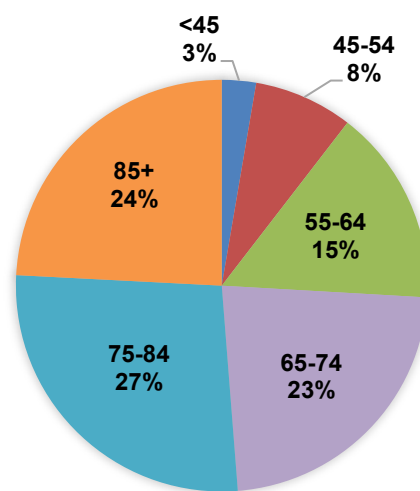


Figure 64. Percentage of COVID-19 Deaths by Age-Group, Delaware 2021



Source: Delaware Department of 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, 2008-2021

Area/ Race	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
U.S.														
All Races	2,471,984	2,437,163	2,468,435	2,515,458	2,543,279	2,596,993	2,626,418	2,712,630	2,744,248	2,813,503	2,839,205	2,854,838	3,383,729	-
Non-Hispanic White	1,981,242	1,944,606	1,969,916	2,006,319	2,016,896	2,052,660	2,066,949	2,123,631	2,133,463	2,179,857	2,188,349	2,189,567	2,491,026	-
Non-Hispanic Black	285,522	282,982	283,438	286,797	291,179	299,227	303,844	315,254	326,810	335,667	343,393	348,761	451,792	-
Other Non-Hispanic	65,979	67,999	70,591	72,704	78,785	81,865	86,238	94,288	95,721	100,730	102,744	104,113	135,203	-
Delaware														
All Races	7,602	7,498	7,667	7,816	7,873	7,967	8,252	8,580	8,872	9,173	9,437	9,147	10,688	10,897
Non-Hispanic White	6,140	5,971	6,178	6,307	6,230	6,365	6,467	6,798	6,986	7,095	7,329	7,071	7,971	8,308
Non-Hispanic Black	1,200	1,254	1,245	1,248	1,387	1,284	1,424	1,438	1,504	1,703	1,682	1,641	2,119	2,060
Other Non-Hispanic	73	109	102	117	108	118	127	127	113	137	151	169	313	242
Kent														
All Races	1,367	1,379	1,345	1,368	1,462	1,422	1,524	1,592	1,626	1,622	1,766	1,660	1,995	2,235
Non-Hispanic White	1,106	1,078	1,064	1,072	1,138	1,110	1,146	1,215	1,216	1,235	1,300	1,198	1,407	1,661
Non-Hispanic Black	215	259	229	237	272	246	298	301	321	325	372	370	487	471
Other Non-Hispanic	13	19	27	33	21	27	27	27	25	30	40	40	56	58
New Castle														
All Races	4,290	4,100	4,221	4,394	4,260	4,338	4,334	4,547	4,666	4,881	4,972	4,872	5,647	5,624
Non-Hispanic White	3,336	3,125	3,259	3,413	3,190	3,301	3,218	3,423	3,472	3,500	3,625	3,555	3,929	3,984
Non-Hispanic Black	792	792	818	815	907	841	892	907	962	1,126	1,088	1,051	1,328	1,300
Other Non-Hispanic	46	64	54	65	70	75	73	78	71	85	83	101	205	150
Wilmington														
All Races	726	692	713	697	691	651	729	666	716	738	664	672	779	783
Non-Hispanic White	305	299	279	299	269	247	283	264	270	251	259	287	294	267
Non-Hispanic Black	385	355	403	360	382	362	390	359	403	431	358	336	415	456
Other Non-Hispanic	3	3	3	9	9	7	8	6	7	8	5	9	22	15
Balance of NC County														
All Races	3,564	3,408	3,508	3,697	3,569	3,687	3,605	3,881	3,950	4,143	4,308	4,200	4,868	4,841
Non-Hispanic White	3,031	2,826	2,980	3,114	2,921	3,054	2,935	3,159	3,202	3,249	3,366	3,268	3,635	3,717
Non-Hispanic Black	407	437	415	455	525	479	502	548	559	695	730	715	913	844
Other Non-Hispanic	43	61	51	56	61	68	65	72	64	77	78	92	183	135
Sussex														
All Races	1,945	2,019	2,101	2,054	2,151	2,207	2,394	2,441	2,580	2,670	2,699	2,615	3,046	3,038
Non-Hispanic White	1,698	1,768	1,855	1,822	1,902	1,954	2,103	2,160	2,298	2,360	2,404	2,318	2,635	2,663
Non-Hispanic Black	193	203	198	196	208	197	234	230	221	252	222	220	304	289
Other Non-Hispanic	14	26	21	19	17	16	27	22	17	22	28	28	52	34

Note:
2016 US data are unavailable from NCHS.

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

TABLE F-2. NUMBER OF DEATHS BY AGE, RACE, AND HISPANIC ORIGIN, COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2021

Area/ Age	All Races	Non-Hispanic								Hispanic Origin ²
		White	Black	American Indian ¹	Asian or Pacific Islander (API)				All Other	
					Chinese	Japanese	Filipino	Other API		
Delaware	10,897	8,308	2,060	22	22	8	22	79	89	287
<1	53	10	30	0	0	0	0	1	5	7
1-4	10	5	1	0	0	0	0	1	0	3
5-14	17	6	7	0	0	0	0	0	0	4
15-24	115	50	52	0	1	0	0	0	3	9
25-34	247	134	80	0	1	0	0	1	2	29
35-44	377	239	98	1	2	0	0	2	4	31
45-54	612	392	169	1	3	0	1	5	8	33
55-64	1,478	989	410	4	5	0	2	12	15	41
65-74	2,352	1,796	455	7	1	3	3	16	19	52
75+	5,636	4,687	758	9	9	5	16	41	33	78
Unknown	0	0	0	0	0	0	0	0	0	0
Kent	2,235	1,661	471	9	4	1	6	12	26	45
<1	12	2	8	0	0	0	0	1	1	0
1-4	3	2	1	0	0	0	0	0	0	0
5-14	8	5	2	0	0	0	0	0	0	1
15-24	34	18	13	0	0	0	0	0	2	1
25-34	53	32	17	0	0	0	0	0	0	4
35-44	83	54	21	0	0	0	0	0	2	6
45-54	126	87	31	0	0	0	0	0	1	7
55-64	325	221	88	1	1	0	0	3	5	6
65-74	502	374	105	4	0	1	2	1	5	10
75+	1,089	866	185	4	3	0	4	7	10	10
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	5,624	3,984	1,300	4	15	5	12	61	53	190
<1	27	6	16	0	0	0	0	0	3	2
1-4	5	2	0	0	0	0	0	1	0	2
5-14	8	1	4	0	0	0	0	0	0	3
15-24	62	22	33	0	0	0	0	0	1	6
25-34	147	67	57	0	1	0	0	1	2	19
35-44	233	136	67	1	2	0	0	2	2	23
45-54	345	192	118	0	3	0	1	5	5	21
55-64	821	490	277	1	3	0	1	8	9	32
65-74	1,183	845	277	2	1	1	0	14	12	31
75+	2,793	2,223	451	0	5	4	10	30	19	51
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	783	267	456	1	1	0	0	6	7	45
<1	7	0	6	0	0	0	0	0	0	1
1-4	0	0	0	0	0	0	0	0	0	0
5-14	2	0	1	0	0	0	0	0	0	1
15-24	17	0	16	0	0	0	0	0	1	0
25-34	34	8	21	0	0	0	0	1	0	4
35-44	51	15	31	0	0	0	0	0	0	5
45-54	68	13	46	0	1	0	0	1	0	7
55-64	145	33	103	0	0	0	0	0	1	8
65-74	159	59	88	1	0	0	0	2	1	8
75+	300	139	144	0	0	0	0	2	4	11
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	4,841	3,717	844	3	14	5	12	55	46	145
<1	20	6	10	0	0	0	0	0	3	1
1-4	5	2	0	0	0	0	0	1	0	2
5-14	6	1	3	0	0	0	0	0	0	2
15-24	45	22	17	0	0	0	0	0	0	6
25-34	113	59	36	0	1	0	0	0	2	15
35-44	182	121	36	1	2	0	0	2	2	18
45-54	277	179	72	0	2	0	1	4	5	14
55-64	676	457	174	1	3	0	1	8	8	24
65-74	1,024	786	189	1	1	1	0	12	11	23
75+	2,493	2,084	307	0	5	4	10	28	15	40
Unknown	0	0	0	0	0	0	0	0	0	0
Sussex	3,038	2,663	289	9	3	2	4	6	10	52
<1	14	2	6	0	0	0	0	0	1	5
1-4	2	1	0	0	0	0	0	0	0	1
5-14	1	0	1	0	0	0	0	0	0	0
15-24	19	10	6	0	1	0	0	0	0	2
25-34	47	35	6	0	0	0	0	0	0	6
35-44	61	49	10	0	0	0	0	0	0	2
45-54	141	113	20	1	0	0	0	0	2	5
55-64	332	278	45	2	1	0	1	1	1	3
65-74	667	577	73	1	0	1	1	1	2	11
75+	1,754	1,598	122	5	1	1	2	4	4	17
Unknown	0	0	0	0	0	0	0	0	0	0

Notes:

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

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

TABLE F-3. NUMBER OF DEATHS BY AGE AND RACE, COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2021

BOTH SEXES

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														
<i>All Races</i>	10,897	53	10	3	14	45	70	247	377	612	1,478	2,352	5,636	0
Non-Hispanic White	8,308	10	5	2	4	18	32	134	239	392	989	1,796	4,687	0
Non-Hispanic Black	2,060	30	1	1	6	23	29	80	98	169	410	455	758	0
Other Non-Hispanic	242	6	1	0	0	2	2	4	9	18	38	49	113	0
Hispanic	287	7	3	0	4	2	7	29	31	33	41	52	78	0
Kent														
<i>All Races</i>	2,235	12	3	3	5	12	22	53	83	126	325	502	1,089	0
Non-Hispanic White	1,661	2	2	2	3	5	13	32	54	87	221	374	866	0
Non-Hispanic Black	471	8	1	1	1	6	7	17	21	31	88	105	185	0
Other Non-Hispanic	58	2	0	0	0	1	1	0	2	1	10	13	28	0
Hispanic	45	0	0	0	1	0	1	4	6	7	6	10	10	0
New Castle														
<i>All Races</i>	5,624	27	5	0	8	26	36	147	233	345	821	1,183	2,793	0
Non-Hispanic White	3,984	6	2	0	1	9	13	67	136	192	490	845	2,223	0
Non-Hispanic Black	1,300	16	0	0	4	15	18	57	67	118	277	277	451	0
Other Non-Hispanic	150	3	1	0	0	1	0	4	7	14	22	30	68	0
Hispanic	190	2	2	0	3	1	5	19	23	21	32	31	51	0
Wilmington														
<i>All Races</i>	783	7	0	0	2	7	10	34	51	68	145	159	300	0
Non-Hispanic White	267	0	0	0	0	0	0	8	15	13	33	59	139	0
Non-Hispanic Black	456	6	0	0	1	6	10	21	31	46	103	88	144	0
Other Non-Hispanic	15	0	0	0	0	1	0	1	0	2	1	4	6	0
Hispanic	45	1	0	0	1	0	0	4	5	7	8	8	11	0
Balance of NC County														
<i>All Races</i>	4,841	20	5	0	6	19	26	113	182	277	676	1,024	2,493	0
Non-Hispanic White	3,717	6	2	0	1	9	13	59	121	179	457	786	2,084	0
Non-Hispanic Black	844	10	0	0	3	9	8	36	36	72	174	189	307	0
Other Non-Hispanic	135	3	1	0	0	0	0	3	7	12	21	26	62	0
Hispanic	145	1	2	0	2	1	5	15	18	14	24	23	40	0
Sussex														
<i>All Races</i>	3,038	14	2	0	1	7	12	47	61	141	332	667	1,754	0
Non-Hispanic White	2,663	2	1	0	0	4	6	35	49	113	278	577	1,598	0
Non-Hispanic Black	289	6	0	0	1	2	4	6	10	20	45	73	122	0
Other Non-Hispanic	34	1	0	0	0	0	1	0	0	3	6	6	17	0
Hispanic	52	5	1	0	0	1	1	6	2	5	3	11	17	0

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

TABLE F-4. NUMBER OF DEATHS BY AGE AND RACE, COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2021

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														
<i>All Races</i>	5,859	26	5	2	6	36	51	159	234	398	897	1,331	2,714	0
Non-Hispanic White	4,439	6	1	1	0	11	23	84	145	262	609	1,033	2,264	0
Non-Hispanic Black	1,130	13	1	1	4	21	21	53	62	101	241	245	367	0
Non-Hispanic Other	123	2	0	0	0	2	1	3	5	14	21	25	50	0
Hispanic	167	5	3	0	2	2	6	19	22	21	26	28	33	0
Kent														
<i>All Races</i>	1,202	5	1	2	0	10	18	36	52	80	201	267	530	0
Non-Hispanic White	879	1	0	1	0	4	11	18	34	55	137	202	416	0
Non-Hispanic Black	262	2	1	1	0	5	5	14	12	18	54	55	95	0
Non-Hispanic Other	31	2	0	0	0	1	1	0	1	1	6	5	14	0
Hispanic	30	0	0	0	0	0	1	4	5	6	4	5	5	0
New Castle														
<i>All Races</i>	2,993	13	3	0	5	20	26	95	145	223	484	681	1,298	0
Non-Hispanic White	2,099	4	1	0	0	4	10	46	83	131	292	494	1,034	0
Non-Hispanic Black	709	7	0	0	3	14	12	34	42	71	160	153	213	0
Non-Hispanic Other	76	0	0	0	0	1	0	3	4	10	12	17	29	0
Hispanic	109	2	2	0	2	1	4	12	16	11	20	17	22	0
Wilmington														
<i>All Races</i>	417	3	0	0	1	7	7	19	31	44	86	92	127	0
Non-Hispanic White	129	0	0	0	0	0	0	4	7	8	22	36	52	0
Non-Hispanic Black	251	2	0	0	1	6	7	12	19	31	57	48	68	0
Non-Hispanic Other	5	0	0	0	0	1	0	1	0	0	1	1	1	0
Hispanic	32	1	0	0	0	0	0	2	5	5	6	7	6	0
Balance of NC County														
<i>All Races</i>	2,576	10	3	0	4	13	19	76	114	179	398	589	1,171	0
Non-Hispanic White	1,970	4	1	0	0	4	10	42	76	123	270	458	982	0
Non-Hispanic Black	458	5	0	0	2	8	5	22	23	40	103	105	145	0
Non-Hispanic Other	71	0	0	0	0	0	0	2	4	10	11	16	28	0
Hispanic	77	1	2	0	2	1	4	10	11	6	14	10	16	0
Sussex														
<i>All Races</i>	1,664	8	1	0	1	6	7	28	37	95	212	383	886	0
Non-Hispanic White	1,461	1	0	0	0	3	2	20	28	76	180	337	814	0
Non-Hispanic Black	159	4	0	0	1	2	4	5	8	12	27	37	59	0
Non-Hispanic Other	16	0	0	0	0	0	0	0	0	3	3	3	7	0
Hispanic	28	3	1	0	0	1	1	3	1	4	2	6	6	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, 2021

FEMALES

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	5,038	27	5	1	8	9	19	88	143	214	581	1,021	2,922	0
Non-Hispanic White	3,869	4	4	1	4	7	9	50	94	130	380	763	2,423	0
Non-Hispanic Black	930	17	0	0	2	2	8	27	36	68	169	210	391	0
Non-Hispanic Other	119	4	1	0	0	0	1	1	4	4	17	24	63	0
Hispanic	120	2	0	0	2	0	1	10	9	12	15	24	45	0
Kent														
All Races	1,033	7	2	1	5	2	4	17	31	46	124	235	559	0
Non-Hispanic White	782	1	2	1	3	1	2	14	20	32	84	172	450	0
Non-Hispanic Black	209	6	0	0	1	1	2	3	9	13	34	50	90	0
Non-Hispanic Other	27	0	0	0	0	0	0	0	1	0	4	8	14	0
Hispanic	15	0	0	0	1	0	0	0	1	1	2	5	5	0
New Castle														
All Races	2,631	14	2	0	3	6	10	52	88	122	337	502	1,495	0
Non-Hispanic White	1,885	2	1	0	1	5	3	21	53	61	198	351	1,189	0
Non-Hispanic Black	591	9	0	0	1	1	6	23	25	47	117	124	238	0
Non-Hispanic Other	74	3	1	0	0	0	0	1	3	4	10	13	39	0
Hispanic	81	0	0	0	1	0	1	7	7	10	12	14	29	0
Wilmington														
All Races	366	4	0	0	1	0	3	15	20	24	59	67	173	0
Non-Hispanic White	138	0	0	0	0	0	0	4	8	5	11	23	87	0
Non-Hispanic Black	205	4	0	0	0	0	3	9	12	15	46	40	76	0
Non-Hispanic Other	10	0	0	0	0	0	0	0	0	2	0	3	5	0
Hispanic	13	0	0	0	1	0	0	2	0	2	2	1	5	0
Balance of NC County														
All Races	2,265	10	2	0	2	6	7	37	68	98	278	435	1,322	0
Non-Hispanic White	1,747	2	1	0	1	5	3	17	45	56	187	328	1,102	0
Non-Hispanic Black	386	5	0	0	1	1	3	14	13	32	71	84	162	0
Non-Hispanic Other	64	3	1	0	0	0	0	1	3	2	10	10	34	0
Hispanic	68	0	0	0	0	0	1	5	7	8	10	13	24	0
Sussex														
All Races	1,374	6	1	0	0	1	5	19	24	46	120	284	868	0
Non-Hispanic White	1,202	1	1	0	0	1	4	15	21	37	98	240	784	0
Non-Hispanic Black	130	2	0	0	0	0	0	1	2	8	18	36	63	0
Non-Hispanic Other	18	1	0	0	0	0	1	0	0	0	3	3	10	0
Hispanic	24	2	0	0	0	0	0	3	1	1	1	5	11	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, 2011-2021

CHARACTERISTIC		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Resident Deaths												
	Number	7,816	7,873	7,967	8,252	8,580	8,872	9,173	9,437	9,147	10,688	10,897
	Crude Rate	860.5	859.4	861.5	883.2	908.7	930.2	952.3	970.2	931.7	1076.9	1090.1
	AADR ²	760.6	745.9	726.9	727.9	733.0	735.1	738.1	743.1	700.8	786.2	791.0
Decedent's Race/Ethnicity												
White Non-Hispanic	Number	6,307	6,230	6,365	6,467	6,798	6,986	7,095	7,329	7,071	7,971	8,308
	Percent	80.7%	79.1%	79.9%	78.4%	79.2%	78.7%	77.3%	77.7%	77.3%	74.6%	76.2%
	AADR ²	767.6	741.3	734.3	722.9	743.2	742.1	739.2	746.7	702.0	761.0	791.2
Black Non-Hispanic	Number	1,248	1,387	1,284	1,424	1,438	1,504	1,703	1,682	1,641	2,119	2,060
	Percent	16.0%	17.6%	16.1%	17.3%	16.8%	17.0%	18.6%	17.8%	17.9%	19.8%	18.9%
	AADR ²	827.4	902.2	786.0	850.2	819.9	829.8	898.5	875.3	824.4	1024.1	972.2
Hispanic ¹	Number	144	148	200	234	217	269	238	275	266	285	287
	Percent	1.8%	1.9%	2.5%	2.8%	2.5%	3.0%	2.6%	2.9%	2.9%	2.7%	2.6%
	AADR ²	564.4	567.5	806.6	1001.5	898.7	1177.7	1096.3	1209.9	1026.6	1210.9	1075.7
Decedent's Gender												
Female	Number	3,946	4,015	3,936	4,062	4,209	4,275	4,426	4,513	4,311	5,209	5,038
	Percent	50.5%	51.0%	49.4%	49.2%	49.1%	48.2%	48.3%	47.8%	47.1%	48.7%	46.2%
	AADR ²	660.7	649.8	616.8	615.4	620.7	609.4	614.7	609.4	572.7	660.1	638.9
Male	Number	3,870	3,858	4,031	4,190	4,371	4,597	4,747	4,924	4,836	5,479	5,859
	Percent	49.5%	49.0%	50.6%	50.8%	50.9%	51.8%	51.7%	52.2%	52.9%	51.3%	53.8%
	AADR ²	882.3	862.1	863.6	868.9	869.7	886.5	885.5	901.8	852.5	932.1	975.1
Decedent's age												
<1	Number	98	84	68	74	100	87	72	62	68	56	53
	Percent	1.3%	1.1%	0.9%	0.9%	1.2%	1.0%	0.8%	0.7%	0.7%	0.5%	0.5%
1-14	Number	28	30	29	22	22	24	26	32	32	17	27
	Percent	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%
15-24	Number	86	89	82	88	90	95	105	100	87	107	115
	Percent	1.1%	1.1%	1.0%	1.1%	1.0%	1.1%	1.1%	1.1%	1.0%	1.0%	1.1%
25-44	Number	356	388	359	375	410	430	463	528	559	535	624
	Percent	4.6%	4.9%	4.5%	4.5%	4.8%	4.8%	5.0%	5.6%	6.1%	5.0%	5.7%
45-64	Number	1,579	1,620	1,739	1,610	1,662	1,681	1,796	1,719	1,677	1,876	2,090
	Percent	20.2%	20.6%	21.8%	19.5%	19.4%	18.9%	19.6%	18.2%	18.3%	17.6%	19.2%
65-74	Number	1,357	1,325	1,385	1,546	1,605	1,763	1,881	1,808	1,760	2,181	2,352
	Percent	17.4%	16.8%	17.4%	18.7%	18.7%	19.9%	20.5%	19.2%	19.2%	20.4%	21.6%
75-84	Number	2,077	1,897	1,931	2,048	2,097	2,165	2,139	2,305	2,240	2,714	2,737
	Percent	26.6%	24.1%	24.2%	24.8%	24.4%	24.4%	23.3%	24.4%	24.5%	25.4%	25.1%
85+	Number	2,235	2,440	2,374	2,489	2,594	2,627	2,691	2,882	2,724	3,202	2,899
	Percent	28.6%	31.0%	29.8%	30.2%	30.2%	29.6%	29.3%	30.5%	29.8%	30.0%	26.6%

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, 2021

Cause of Death ¹	Deaths		Median Age at Death	
	Number	Percent	Male	Female
All causes	10,897	100.0	73	78
Malignant neoplasms	2,139	19.6	73	73
Diseases of heart	2,088	19.2	76	83
COVID-19	1,042	9.6	74	75
Accidents (unintentional injuries)	798	7.3	49	49
Cerebrovascular diseases	733	6.7	80	83
Chronic lower respiratory diseases	490	4.5	75	79
Alzheimer's disease	376	3.5	86	88
Dementia	350	3.2	88	90
Diabetes mellitus	327	3.0	74	76
Nephritis, nephrotic syndrome & nephrosis	159	1.5	74	77
Chronic liver disease & cirrhosis	138	1.3	63	64
Intentional self-harm (suicide)	134	1.2	45	43
Other diseases of respiratory system	132	1.2	78	80
Parkinson's disease	129	1.2	81	81
Essential (primary) hypertension & hypertensive renal dis	121	1.1	75	79
Influenza & pneumonia	116	1.1	76	80
Septicemia	112	1.0	71	73
Assault (homicide)	103	0.9	28	37
Pneumonitis due to solids & liquids	79	0.7	80	82
Other diseases of circulatory systemv	66	0.6	74	82
Alcohol-induced deaths²	151	1.4	58	61
Drug-induced deaths²	515	4.7	45	42

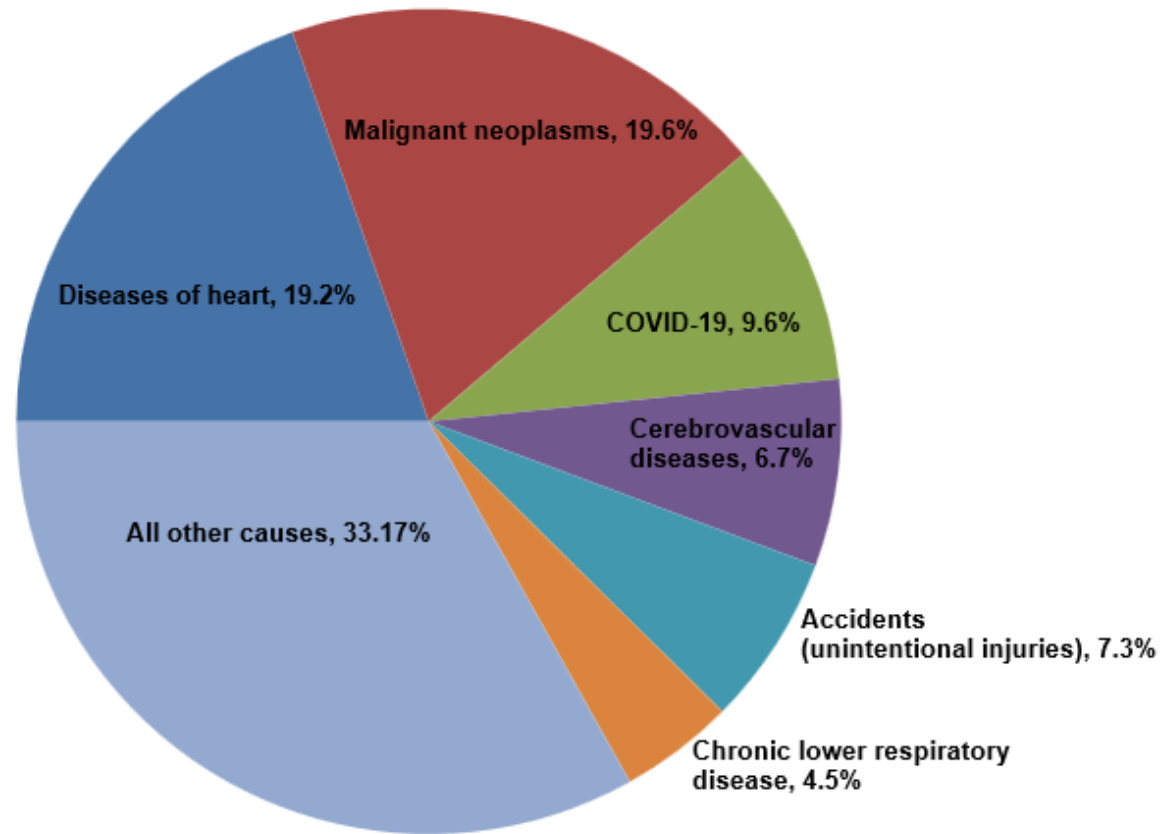
Notes:

1. Classified according to ICD-10 Codes, Tenth Revision. See Appendix E for listing of ICD-10 Codes.

2. Included in selected categories.

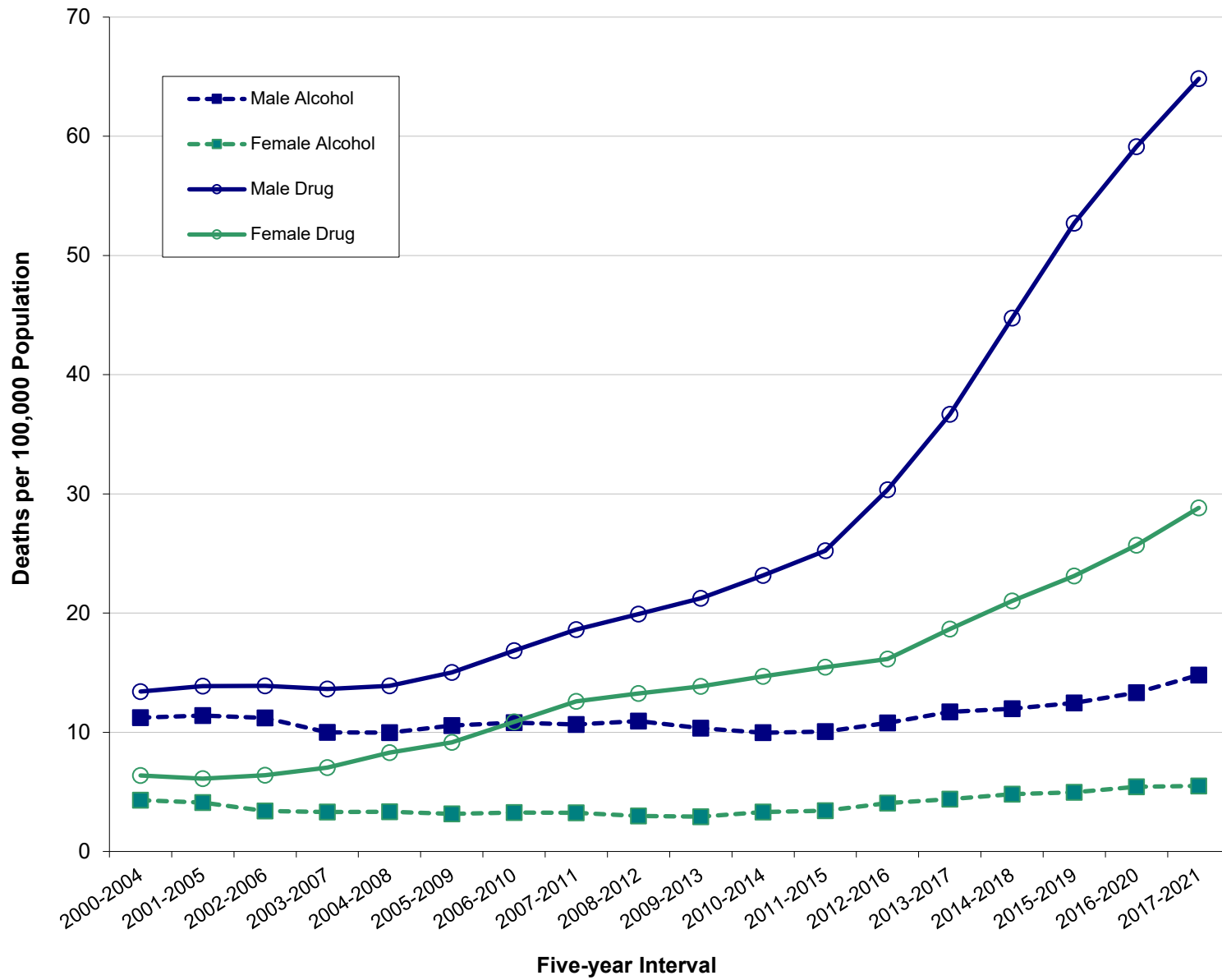
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure F-1. Leading Causes of Death, Delaware, 2021



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, 2003-2021



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, 2017-2021

Kent

Cause of Death*	Deaths	
	#	%
Diseases of heart	1,977	21.3
Malignant neoplasms	1,930	20.8
Accidents (unintentional injuries)	613	6.6
Cerebrovascular diseases	533	5.7
Chronic lower respiratory diseases	525	5.7
COVID-19	436	4.7
Alzheimer's disease	404	4.4
Diabetes mellitus	306	3.3
Nephritis, nephrotic syndrome & nephrosis	170	1.8
Influenza & pneumonia	137	1.5
Intentional self-harm (suicide)	119	1.3
Septicemia	113	1.2
Chronic liver disease & cirrhosis	107	1.2
Pneumonitis due to solids & liquids	89	1.0
Parkinson's disease	83	0.9
Essential (primary) hypertension & hypertensive renal dis	83	0.9
All other causes	1,653	17.8
Total	9,278	100.0

New Castle

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5,361	20.6
Diseases of heart	5,003	19.2
Accidents (unintentional injuries)	2,086	8.0
Cerebrovascular diseases	1,850	7.1
Chronic lower respiratory diseases	1,189	4.6
COVID-19	1,003	3.9
Alzheimer's disease	959	3.7
Diabetes mellitus	744	2.9
Nephritis, nephrotic syndrome & nephrosis	553	2.1
Influenza & pneumonia	418	1.6
Intentional self-harm (suicide)	327	1.3
Parkinson's disease	295	1.1
Septicemia	286	1.1
Chronic liver disease & cirrhosis	271	1.0
Assault (homicide)	266	1.0
Essential (primary) hypertension & hypertensive renal dis	198	0.8
All other causes	5,187	20.0
Total	25,996	100.0

City of Wilmington

Cause of Death*	Deaths	
	#	%
Diseases of heart	673	18.5
Malignant neoplasms	658	18.1
Accidents (unintentional injuries)	353	9.7
Cerebrovascular diseases	227	6.2
Chronic lower respiratory diseases	171	4.7
COVID-19	136	3.7
Diabetes mellitus	134	3.7
Assault (homicide)	116	3.2
Alzheimer's disease	95	2.6
Nephritis, nephrotic syndrome & nephrosis	93	2.6
Influenza & pneumonia	60	1.7
Septicemia	51	1.4
Chronic liver disease & cirrhosis	50	1.4
Intentional self-harm (suicide)	34	0.9
Human immunodeficiency virus (HIV) disease	29	0.8
Essential (primary) hypertension & hypertensive renal dis	28	0.8
All other causes	728	20.0
Total	3,636	100.0

Sussex

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	3,162	22.5
Diseases of heart	3,143	22.3
Accidents (unintentional injuries)	867	6.2
Cerebrovascular diseases	800	5.7
Chronic lower respiratory diseases	753	5.4
Alzheimer's disease	608	4.3
COVID-19	568	4.0
Diabetes mellitus	349	2.5
Nephritis, nephrotic syndrome & nephrosis	228	1.6
Chronic liver disease & cirrhosis	220	1.6
Parkinson's disease	188	1.3
Influenza & pneumonia	184	1.3
Septicemia	164	1.2
Essential (primary) hypertension & hypertensive renal dis	155	1.1
Intentional self-harm (suicide)	143	1.0
Pneumonitis due to solids & liquids	119	0.8
All other causes	2,417	17.2
Total	14,068	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, 2017-2021

All Races, Male

Cause of Death*	Deaths	
	#	%
Diseases of heart	5,567	21.5
Malignant neoplasms	5,562	21.5
Accidents (unintentional injuries)	2,364	9.1
Cerebrovascular diseases	1,383	5.4
Chronic lower respiratory diseases	1,103	4.3
COVID-19	1,051	4.1
Diabetes mellitus	803	3.1
Alzheimer's disease	651	2.5
Nephritis, nephrotic syndrome & nephrosis	543	2.1
Intentional self-harm (suicide)	483	1.9
All other causes	6,335	24.5
Total	25,845	100.0

All Races, Female

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4,891	20.8
Diseases of heart	4,556	19.4
Cerebrovascular diseases	1,800	7.7
Chronic lower respiratory diseases	1,364	5.8
Alzheimer's disease	1,320	5.6
Accidents (unintentional injuries)	1,202	5.1
Diabetes mellitus	596	2.5
COVID-19	956	4.1
Nephritis, nephrotic syndrome & nephrosis	408	1.7
Influenza & pneumonia	368	1.6
All other causes	6,036	25.7
Total	23,497	100.0

Non-Hispanic White, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	8,144	21.6
Diseases of heart	8,045	21.3
Accidents (unintentional injuries)	2,611	6.9
Cerebrovascular diseases	2,407	6.4
Chronic lower respiratory diseases	2,127	5.6
Alzheimer's disease	1,625	4.3
COVID-19	1,358	3.6
Diabetes mellitus	924	2.4
Nephritis, nephrotic syndrome & nephrosis	603	1.6
Influenza & pneumonia	597	1.6
All other causes	9,333	24.7
Total	37,774	100.0

Non-Hispanic Black, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1,883	20.5
Diseases of heart	1,683	18.3
Accidents (unintentional injuries)	703	7.6
Cerebrovascular diseases	623	6.8
COVID-19	434	4.7
Diabetes mellitus	382	4.1
Nephritis, nephrotic syndrome & nephrosis	300	3.3
Chronic lower respiratory diseases	295	3.2
Assault (homicide)	275	3.0
Alzheimer's disease	266	2.9
All other causes	2,361	25.6
Total	9,205	100.0

Hispanic, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	234	17.3
Diseases of heart	217	16.1
Accidents (unintentional injuries)	191	14.1
COVID-19	91	6.7
Cerebrovascular diseases	84	6.2
Diabetes mellitus	55	4.1
Alzheimer's disease	52	3.8
Certain conditions originating in the perinatal period	26	1.9
Nephritis, nephrotic syndrome & nephrosis	22	1.6
Chronic liver disease & cirrhosis	21	1.6
All other causes	358	26.5
Total	1,351	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, 2017-2021

Non-Hispanic White Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4,411	22.5
Diseases of heart	4,405	22.5
Accidents (unintentional injuries)	1,693	8.6
Cerebrovascular diseases	1,018	5.2
Chronic lower respiratory diseases	942	4.8
COVID-19	716	3.7
Alzheimer's disease	558	2.8
Diabetes mellitus	522	2.7
Intentional self-harm (suicide)	398	2.0
Nephritis, nephrotic syndrome & nephrosis	347	1.8
All other causes	4,604	23.5
Total	19,614	100.0

Non-Hispanic White Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	3,733	20.6
Diseases of heart	3,640	20.0
Cerebrovascular diseases	1,389	7.6
Chronic lower respiratory diseases	1,185	6.5
Alzheimer's disease	1,067	5.9
Accidents (unintentional injuries)	918	5.1
COVID-19	642	3.5
Diabetes mellitus	402	2.2
Influenza & pneumonia	300	1.7
Nephritis, nephrotic syndrome & nephrosis	256	1.4
All other causes	4,628	25.5
Total	18,160	100.0

Non-Hispanic Black Males

Cause of Death*	Deaths	
	#	%
Diseases of heart	930	19.0
Malignant neoplasms	913	18.6
Accidents (unintentional injuries)	479	9.8
Cerebrovascular diseases	295	6.0
Assault (homicide)	236	4.8
Diabetes mellitus	235	4.8
COVID-19	220	4.5
Nephritis, nephrotic syndrome & nephrosis	171	3.5
Chronic lower respiratory diseases	144	2.9
Alzheimer's disease	67	1.4
All other causes	1,207	24.6
Total	4,897	100.0

Non-Hispanic Black Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	970	22.5
Diseases of heart	753	17.5
Cerebrovascular diseases	328	7.6
Accidents (unintentional injuries)	224	5.2
COVID-19	214	5.0
Alzheimer's disease	199	4.6
Chronic lower respiratory diseases	151	3.5
Diabetes mellitus	147	3.4
Nephritis, nephrotic syndrome & nephrosis	129	3.0
disease	62	1.4
All other causes	1,131	26.3
Total	4,308	100.0

Hispanic Males

Cause of Death*	Deaths	
	#	%
Accidents (unintentional injuries)	156	19.5
Malignant neoplasms	131	16.4
Diseases of heart	125	15.6
COVID-19	54	6.7
Cerebrovascular diseases	41	5.1
Diabetes mellitus	24	3.0
Alzheimer's disease	19	2.4
Assault (homicide)	17	2.1
Chronic liver disease & cirrhosis	17	2.1
Certain conditions originating in the perinatal period	15	1.9
All other causes	202	25.2
Total	801	100.0

Hispanic Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	103	18.7
Diseases of heart	92	16.7
Cerebrovascular diseases	43	7.8
COVID-19	37	6.7
Accidents (unintentional injuries)	35	6.4
Alzheimer's disease	33	6.0
Diabetes mellitus	31	5.6
Chronic lower respiratory diseases	12	2.2
Certain conditions originating in the perinatal period	11	2.0
chromosomal abnormalities	9	1.6
All other causes	144	26.2
Total	550	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, 2017-2021

1-4 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	14	21.9
Assault (homicide)	10	15.6
chromosomal abnormalities	9	14.1
Certain conditions originating in the perinatal period	2	3.1
Diseases of heart	2	3.1
COVID-19	1	1.6
Complications of medical & surgical care	1	1.6
Acute bronchitis and bronchiolitis	1	1.6
Cerebrovascular diseases	1	1.6
Anemias	1	1.6
All other causes	22	34.4
Total	64	100.0

5-14 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	17	24.3
Congenital malformations, deformations, &	8	11.4
Assault (homicide)	6	8.6
Diseases of heart	5	7.1
Malignant neoplasms	5	7.1
Intentional self-harm (suicide)	4	5.7
Chronic lower respiratory diseases	2	2.9
Certain conditions originating in the perinatal period	1	1.4
Influenza & pneumonia	1	1.4
Cerebrovascular diseases	1	1.4
All other causes	20	28.6
Total	70	100.0

15-24 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	217	42.2
Assault (homicide)	128	24.9
Intentional self-harm (suicide)	79	15.4
Diseases of heart	17	3.3
Malignant neoplasms	15	2.9
COVID-19	5	1.0
Chronic lower respiratory diseases	5	1.0
Congenital malformations, deformations, &	3	0.6
Diabetes mellitus	2	0.4
Anemias	2	0.4
All other causes	41	8.0
Total	514	100.0

25-44 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	1,323	48.8
Diseases of heart	210	7.8
Intentional self-harm (suicide)	198	7.3
Malignant neoplasms	192	7.1
Assault (homicide)	165	6.1
Diabetes mellitus	52	1.9
Cerebrovascular diseases	42	1.6
Chronic liver disease & cirrhosis	41	1.5
COVID-19	40	1.5
Influenza & pneumonia	23	0.8
All other causes	423	15.6
Total	2,709	100.0

45-64 Years

Cause of Death*	Deaths	
	Number	Percent
Malignant neoplasms	2,470	27.0
Diseases of heart	1,568	17.1
Accidents (unintentional injuries)	1,122	12.3
COVID-19	389	4.2
Diabetes mellitus	361	3.9
Chronic lower respiratory diseases	338	3.7
Cerebrovascular diseases	311	3.4
Chronic liver disease & cirrhosis	284	3.1
Intentional self-harm (suicide)	203	2.2
Nephritis, nephrotic syndrome & nephrosis	169	1.8
All other causes	1,943	21.2
Total	9,158	100.0

65+ Years

Cause of Death*	Deaths	
	Number	Percent
Diseases of heart	8,319	22.8
Malignant neoplasms	7,770	21.3
Cerebrovascular diseases	2,827	7.7
Chronic lower respiratory diseases	2,109	5.8
Alzheimer's disease	1,953	5.3
COVID-19	1,571	4.3
Diabetes mellitus	983	2.7
Accidents (unintentional injuries)	857	2.3
Nephritis, nephrotic syndrome & nephrosis	767	2.1
Influenza & pneumonia	599	1.6
All other causes	8,761	24.0
Total	36,516	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, 2021

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)	2,088	0	1	0	0	0	1	14	29	89	254	448	1252	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	7	0	0	0	0	0	0	0	1	0	1	0	5	0
Hypertensive heart disease (I11)	146	0	0	0	0	0	0	1	4	14	38	40	49	0
Hypertensive heart and renal disease (I13)	26	0	0	0	0	0	0	0	0	1	2	9	14	0
Ischemic heart disease (I20-I25)	1,174	0	0	0	0	0	0	6	16	47	152	266	687	0
All other forms of heart disease (I26-I51)	735	0	1	0	0	0	1	7	8	27	61	133	497	0
Malignant neoplasms (C00-C97)	2,139	0	0	0	2	3	4	12	31	89	385	653	960	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	42	0	0	0	0	0	0	0	2	3	13	8	16	0
Malignant neoplasms of digestive organs (C15-C26)	542	0	0	0	0	0	0	1	8	28	95	186	224	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	504	0	0	0	0	0	1	1	1	18	108	168	207	0
Malignant neoplasms of breast (C50)	161	0	0	0	0	0	0	4	8	13	33	41	62	0
Malignant neoplasms of female genital organs, (C51-C58)	126	0	0	0	0	0	0	2	4	6	23	45	46	0
Malignant neoplasms of male genital organs, (C60-C63)	142	0	0	0	0	0	0	0	0	1	18	32	91	0
Malignant neoplasms of urinary tract (C64-C68)	128	0	0	0	0	0	0	0	0	4	23	30	71	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	58	0	0	0	1	0	0	2	2	2	17	20	14	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	213	0	0	0	0	1	1	1	3	8	21	55	123	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	223	0	0	0	1	2	2	1	3	6	34	68	106	0
Cerebrovascular diseases (I60-I69)	733	0	0	0	0	0	0	0	8	18	55	138	514	0

TABLE F-12. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
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)	490	0	0	0	0	0	0	1	4	16	57	131	281	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	112	1	0	0	0	0	0	2	5	8	23	23	50	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)	133	0	3	0	3	11	10	23	17	17	17	12	20	0
Nontransport Accidents (W00-X59, Y86)	664	3	0	1	1	4	13	102	150	128	113	48	101	0
Diabetes mellitus (E10-E14)	327	0	0	0	0	0	0	5	6	12	53	92	159	0
Influenza and pneumonia (J10-J18)	116	1	0	0	0	0	0	1	2	1	14	30	67	0
Alzheimer's disease (G30)	376	0	0	0	0	0	0	0	0	0	6	37	333	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	159	0	0	0	0	0	0	0	3	10	24	41	81	0
Septicemia (A40-A41)	112	1	0	0	0	0	0	2	5	8	23	23	50	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	134	0	0	0	1	9	16	21	20	20	17	12	18	0
Chronic liver disease and cirrhosis (K70, K73-K74)	138	0	0	0	0	0	0	2	11	17	49	36	23	0
Essential hypertension and hypertensive renal disease (I10, I12)	121	0	0	0	0	0	0	0	0	9	22	25	65	0
Aortic aneurysm and dissection (I71)	35	0	0	0	0	0	0	1	1	3	4	9	17	0
Assault (homicide) (X85-Y09, Y87.1)	103	4	1	1	2	14	19	20	24	2	6	8	2	0
Human immunodeficiency virus (HIV) (B20-B24)	20	0	0	0	0	0	0	2	2	2	9	3	2	0
Certain conditions originating in the perinatal period (P00-P96)	26	26	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	31	6	2	0	3	2	0	2	0	2	6	1	7	0
COVID-19	1,042	1	0	0	0	1	1	7	18	81	161	238	534	0
All other causes	2,595	13	6	2	6	16	29	155	208	225	310	404	1221	0
TOTAL	10,897	53	10	3	14	45	70	247	377	612	1,478	2,352	5,636	0

Note: *ICD Codes, Tenth Revision.

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

TABLE F-13. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, KENT COUNTY, DELAWARE, 2021

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)	419	0	0	0	0	0	0	1	9	11	59	106	233	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	1	0	0	0	1	0
Hypertensive heart disease (I11)	34	0	0	0	0	0	0	0	1	1	10	9	13	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	0	1	2	2	0
Ischemic heart disease (I20-I25)	248	0	0	0	0	0	0	1	5	6	34	61	141	0
All other forms of heart disease (I26-I51)	130	0	0	0	0	0	0	0	2	4	14	34	76	0
Malignant neoplasms (C00-C97)	405	0	0	0	2	0	2	4	8	15	75	115	184	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	8	0	0	0	0	0	0	0	1	0	5	0	2	0
Malignant neoplasms of digestive organs (C15-C26)	109	0	0	0	0	0	0	0	3	8	16	33	49	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	110	0	0	0	0	0	1	0	0	5	27	36	41	0
Malignant neoplasms of breast (C50)	33	0	0	0	0	0	0	1	3	1	5	12	11	0
Malignant neoplasms of female genital organs, (C51-C58)	19	0	0	0	0	0	0	0	0	0	4	8	7	0
Malignant neoplasms of male genital organs, (C60-C63)	22	0	0	0	0	0	0	0	0	0	2	3	17	0
Malignant neoplasms of urinary tract (C64-C68)	11	0	0	0	0	0	0	0	0	1	5	0	5	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	14	0	0	0	1	0	0	2	1	0	3	4	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	37	0	0	0	0	0	0	1	0	0	2	7	27	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	42	0	0	0	1	0	1	0	0	0	6	12	22	0
Cerebrovascular diseases (I60-I69)	109	0	0	0	0	0	0	0	1	1	12	23	72	0

TABLE F-13. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, KENT COUNTY, DELAWARE, 2021

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)	116	0	0	0	0	0	0	1	1	3	7	29	75	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	166	0	1	1	2	5	5	28	28	31	28	9	28	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)	33	0	1	0	2	2	3	7	4	3	4	2	5	0
Nontransport Accidents (W00-X59, Y86)	133	0	0	1	0	3	2	21	24	28	24	7	23	0
Diabetes mellitus (E10-E14)	84	0	0	0	0	0	0	3	1	3	12	28	37	0
Influenza and pneumonia (J10-J18)	31	0	0	0	0	0	0	0	1	0	4	8	18	0
Alzheimer's disease (G30)	96	0	0	0	0	0	0	0	0	0	3	5	88	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	31	0	0	0	0	0	0	0	1	3	4	8	15	0
Septicemia (A40-A41)	18	0	0	0	0	0	0	1	1	2	5	4	5	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	33	0	0	0	0	3	7	3	6	7	1	2	4	0
Chronic liver disease and cirrhosis (K70, K73-K74)	30	0	0	0	0	0	0	0	4	5	9	5	7	0
Essential hypertension and hypertensive renal disease (I10, I12)	25	0	0	0	0	0	0	0	0	3	3	5	14	0
Aortic aneurysm and dissection (I71)	3	0	0	0	0	0	0	0	0	1	1	0	1	0
Assault (homicide) (X85-Y09, Y87.1)	18	0	0	1	1	3	5	0	3	1	1	2	1	0
Human immunodeficiency virus (HIV) (B20-B24)	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	5	3	1	0	0	0	0	0	0	0	1	0	0	0
COVID-19	249	0	0	0	0	0	0	3	4	23	41	63	115	0
All other causes	391	4	1	1	0	1	3	9	15	16	59	90	192	0
TOTAL	2,235	12	3	3	5	12	22	53	83	126	325	502	1,089	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, 2021

ALL RACES, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	1,019	0	1	0	0	0	1	10	14	54	147	215	577	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	0	0	3	0
Hypertensive heart disease (I11)	81	0	0	0	0	0	0	1	2	12	22	23	21	0
Hypertensive heart and renal disease (I13)	11	0	0	0	0	0	0	0	0	0	1	4	6	0
Ischemic heart disease (I20-I25)	524	0	0	0	0	0	0	4	7	28	87	123	275	0
All other forms of heart disease (I26-I51)	400	0	1	0	0	0	1	5	5	14	37	65	272	0
Malignant neoplasms (C00-C97)	1,101	0	0	0	0	2	2	4	16	56	219	343	459	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	25	0	0	0	0	0	0	0	1	3	5	4	12	0
Malignant neoplasms of digestive organs (C15-C26)	273	0	0	0	0	0	0	0	3	14	56	92	108	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	243	0	0	0	0	0	0	1	1	8	57	86	90	0
Malignant neoplasms of breast (C50)	83	0	0	0	0	0	0	1	3	9	21	21	28	0
Malignant neoplasms of female genital organs, (C51-C58)	77	0	0	0	0	0	0	2	3	4	15	27	26	0
Malignant neoplasms of male genital organs, (C60-C63)	69	0	0	0	0	0	0	0	0	1	9	18	41	0
Malignant neoplasms of urinary tract (C64-C68)	76	0	0	0	0	0	0	0	0	3	13	17	43	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	28	0	0	0	0	0	0	0	1	2	13	8	4	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	107	0	0	0	0	0	1	0	1	8	11	32	54	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	120	0	0	0	0	2	1	0	3	4	19	38	53	0
Cerebrovascular diseases (I60-I69)	438	0	0	0	0	0	0	0	7	15	32	80	304	0

TABLE F-14. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, NEW CASTLE COUNTY, DELAWARE, 2021

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)	226	0	0	0	0	0	0	0	2	8	35	69	112	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	461	2	1	0	1	4	11	72	108	86	78	39	59	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)	68	0	1	0	1	4	5	7	12	9	10	8	11	0
Nontransport Accidents (W00-X59, Y86)	392	2	0	0	0	0	6	65	96	77	68	31	47	0
Diabetes mellitus (E10-E14)	162	0	0	0	0	0	0	2	4	6	30	43	77	0
Influenza and pneumonia (J10-J18)	52	0	0	0	0	0	0	1	1	0	7	15	28	0
Alzheimer's disease (G30)	168	0	0	0	0	0	0	0	0	0	2	17	149	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	103	0	0	0	0	0	0	0	2	7	18	27	49	0
Septicemia (A40-A41)	65	1	0	0	0	0	0	0	3	3	13	11	34	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	71	0	0	0	1	6	7	16	14	7	6	5	9	0
Chronic liver disease and cirrhosis (K70, K73-K74)	55	0	0	0	0	0	0	1	2	4	21	19	8	0
Essential hypertension and hypertensive renal disease (I10, I12)	58	0	0	0	0	0	0	0	0	5	13	11	29	0
Aortic aneurysm and dissection (I71)	22	0	0	0	0	0	0	0	1	2	3	7	9	0
Assault (homicide) (X85-Y09, Y87.1)	76	4	0	0	1	11	12	18	20	1	4	4	1	0
Human immunodeficiency virus (HIV) (B20-B24)	13	0	0	0	0	0	0	1	2	1	7	2	0	0
Certain conditions originating in the perinatal period (P00-P96)	14	14	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	16	1	1	0	3	2	0	2	0	1	2	0	4	0
COVID-19	507	0	0	0	0	1	1	4	10	37	88	103	263	0
All other causes	997	5	2	0	2	0	2	16	27	52	96	173	622	0
TOTAL	5,624	27	5	0	8	26	36	147	233	345	821	1,183	2,793	0

Note: *ICD Codes, Tenth Revision.

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

TABLE F-15. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, WILMINGTON, DELAWARE, 2021

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)	126	0	0	0	0	0	0	3	2	11	30	27	53	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)	9	0	0	0	0	0	0	1	0	1	4	2	1	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	0	1	1	1	0
Ischemic heart disease (I20-I25)	64	0	0	0	0	0	0	1	2	5	15	15	26	0
All other forms of heart disease (I26-I51)	50	0	0	0	0	0	0	1	0	5	10	9	25	0
Malignant neoplasms (C00-C97)	114	0	0	0	0	0	0	2	4	5	15	43	45	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)	34	0	0	0	0	0	0	0	2	0	8	15	9	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	28	0	0	0	0	0	0	0	1	1	1	13	12	0
Malignant neoplasms of breast (C50)	7	0	0	0	0	0	0	1	0	1	1	2	2	0
Malignant neoplasms of female genital organs, (C51-C58)	7	0	0	0	0	0	0	1	1	0	1	4	0	0
Malignant neoplasms of male genital organs, (C60-C63)	12	0	0	0	0	0	0	0	0	0	2	4	6	0
Malignant neoplasms of urinary tract (C64-C68)	7	0	0	0	0	0	0	0	0	0	2	2	3	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)	8	0	0	0	0	0	0	0	0	1	0	1	6	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	9	0	0	0	0	0	0	0	0	1	0	2	6	0
Cerebrovascular diseases (I60-I69)	60	0	0	0	0	0	0	0	2	4	8	14	32	0

TABLE F-15. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, WILMINGTON, DELAWARE, 2021

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)	36	0	0	0	0	0	0	0	2	4	8	12	10	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	80	1	0	0	0	0	1	11	17	23	18	3	6	0
Motor Vehicle Accidents (V02-V04, (V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	8	0	0	0	0	0	0	1	3	1	1	1	1	0
Nontransport Accidents (W00-X59, Y86)	72	1	0	0	0	0	1	10	14	22	17	2	5	0
Diabetes mellitus (E10-E14)	27	0	0	0	0	0	0	1	3	1	5	5	12	0
Influenza and pneumonia (J10-J18)	12	0	0	0	0	0	0	0	1	0	2	7	2	0
Alzheimer's disease (G30)	13	0	0	0	0	0	0	0	0	0	0	3	10	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	24	0	0	0	0	0	0	0	0	2	8	6	8	0
Septicemia (A40-A41)	11	0	0	0	0	0	0	0	0	0	1	3	7	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	0	0	0	0	2	0	2	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	14	0	0	0	0	0	0	0	1	2	6	5	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	8	0	0	0	0	0	0	0	0	0	1	2	5	0
Aortic aneurysm and dissection (I71)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Assault (homicide) (X85-Y09, Y87.1)	33	2	0	0	0	5	8	6	11	0	1	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	7	0	0	0	0	0	0	1	0	0	5	1	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)	2	0	0	0	1	0	0	0	0	0	0	0	1	0
COVID-19	65	0	0	0	0	0	0	1	4	7	16	11	26	0
All other causes	144	2	0	0	1	0	1	7	4	9	20	17	83	0
TOTAL	783	7	0	0	2	7	10	34	51	68	145	159	300	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, 2021

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)	650	0	0	0	0	0	0	3	6	24	48	127	442	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)	31	0	0	0	0	0	0	0	1	1	6	8	15	0
Hypertensive heart and renal disease (I13)	10	0	0	0	0	0	0	0	0	1	0	3	6	0
Ischemic heart disease (I20-I25)	402	0	0	0	0	0	0	1	4	13	31	82	271	0
All other forms of heart disease (I26-I51)	205	0	0	0	0	0	0	2	1	9	10	34	149	0
Malignant neoplasms (C00-C97)	633	0	0	0	0	1	0	4	7	18	91	195	317	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	9	0	0	0	0	0	0	0	0	0	3	4	2	0
Malignant neoplasms of digestive organs (C15-C26)	160	0	0	0	0	0	0	1	2	6	23	61	67	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	151	0	0	0	0	0	0	0	0	5	24	46	76	0
Malignant neoplasms of breast (C50)	45	0	0	0	0	0	0	2	2	3	7	8	23	0
Malignant neoplasms of female genital organs, (C51-C58)	30	0	0	0	0	0	0	0	1	2	4	10	13	0
Malignant neoplasms of male genital organs, (C60-C63)	51	0	0	0	0	0	0	0	0	0	7	11	33	0
Malignant neoplasms of urinary tract (C64-C68)	41	0	0	0	0	0	0	0	0	0	5	13	23	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	16	0	0	0	0	0	0	0	0	0	1	8	7	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	69	0	0	0	0	1	0	0	2	0	8	16	42	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	61	0	0	0	0	0	0	1	0	2	9	18	31	0
Cerebrovascular diseases (I60-I69)	186	0	0	0	0	0	0	0	0	2	11	35	138	0

TABLE F-16. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, SUSSEX COUNTY, DELAWARE, 2021
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)	148	0	0	0	0	0	0	0	1	5	15	33	94	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	171	1	1	0	1	6	7	25	31	28	24	12	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)	32	0	1	0	0	5	2	9	1	5	3	2	4	0
Nontransport Accidents (W00-X59, Y86)	139	1	0	0	1	1	5	16	30	23	21	10	31	0
Diabetes mellitus (E10-E14)	81	0	0	0	0	0	0	0	1	3	11	21	45	0
Influenza and pneumonia (J10-J18)	33	1	0	0	0	0	0	0	0	1	3	7	21	0
Alzheimer's disease (G30)	112	0	0	0	0	0	0	0	0	0	1	15	96	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	25	0	0	0	0	0	0	0	0	0	2	6	17	0
Septicemia (A40-A41)	29	0	0	0	0	0	0	1	1	3	5	8	11	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	30	0	0	0	0	0	2	2	0	6	10	5	5	0
Chronic liver disease and cirrhosis (K70, K73-K74)	53	0	0	0	0	0	0	1	5	8	19	12	8	0
Essential hypertension and hypertensive renal disease (I10, I12)	38	0	0	0	0	0	0	0	0	1	6	9	22	0
Aortic aneurysm and dissection (I71)	10	0	0	0	0	0	0	1	0	0	0	2	7	0
Assault (homicide) (X85-Y09, Y87.1)	9	0	1	0	0	0	2	2	1	0	1	2	0	0
Human immunodeficiency virus (HIV) (B20-B24)	6	0	0	0	0	0	0	1	0	0	2	1	2	0
Certain conditions originating in the perinatal period (P00-P96)	7	7	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	10	2	0	0	0	0	0	0	0	1	3	1	3	0
COVID-19	286	1	0	0	0	0	0	0	4	21	32	72	156	0
All other causes	521	2	0	0	0	0	1	7	4	20	48	104	335	0
TOTAL	3,038	14	2	0	1	7	12	47	61	141	332	667	1,754	0

Note:*ICD Codes, Tenth Revision.

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

TABLE F-17. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021

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)	1,212	0	1	0	0	0	0	9	20	64	182	285	651	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	1	0	1	0	1	0
Hypertensive heart disease (I11)	88	0	0	0	0	0	0	1	2	9	25	29	22	0
Hypertensive heart and renal disease (I13)	19	0	0	0	0	0	0	0	0	1	1	7	10	0
Ischemic heart disease (I20-I25)	731	0	0	0	0	0	0	4	13	35	113	171	395	0
All other forms of heart disease (I26-I51)	371	0	1	0	0	0	0	4	4	19	42	78	223	0
Malignant neoplasms (C00-C97)	1,131	0	0	0	0	2	3	3	13	42	196	362	510	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	34	0	0	0	0	0	0	0	1	3	10	7	13	0
Malignant neoplasms of digestive organs (C15-C26)	307	0	0	0	0	0	0	0	6	17	52	115	117	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	291	0	0	0	0	0	0	1	1	10	64	105	110	0
Malignant neoplasms of breast (C50)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of male genital organs, (C60-C63)	142	0	0	0	0	0	0	0	0	1	18	32	91	0
Malignant neoplasms of urinary tract (C64-C68)	89	0	0	0	0	0	0	0	0	1	16	22	50	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	32	0	0	0	0	0	0	1	2	2	7	10	10	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	119	0	0	0	0	1	1	1	2	5	10	32	67	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	116	0	0	0	0	1	2	0	1	3	19	39	51	0
Cerebrovascular diseases (I60-I69)	318	0	0	0	0	0	0	0	7	10	28	64	209	0

TABLE F-17. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
ALL RACES, MALES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	227	0	0	0	0	0	0	0	1	5	31	70	120	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	523	1	3	0	2	10	15	83	106	105	97	44	57	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)	90	0	3	0	1	7	9	17	11	12	11	9	10	0
Nontransport Accidents (W00-X59, Y86)	433	1	0	0	1	3	6	66	95	93	86	35	47	0
Diabetes mellitus (E10-E14)	183	0	0	0	0	0	0	1	6	6	35	52	83	0
Influenza and pneumonia (J10-J18)	65	0	0	0	0	0	0	0	2	0	9	18	36	0
Alzheimer's disease (G30)	132	0	0	0	0	0	0	0	0	0	3	13	116	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	93	0	0	0	0	0	0	0	1	6	14	27	45	0
Septicemia (A40-A41)	56	0	0	0	0	0	0	1	2	7	12	11	23	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	107	0	0	0	0	7	14	16	15	18	11	11	15	0
Chronic liver disease and cirrhosis (K70, K73-K74)	92	0	0	0	0	0	0	2	6	13	33	25	13	0
Essential hypertension and hypertensive renal disease (I10, I12)	57	0	0	0	0	0	0	0	0	4	13	11	29	0
Aortic aneurysm and dissection (I71)	15	0	0	0	0	0	0	1	1	3	2	4	4	0
Assault (homicide) (X85-Y09, Y87.1)	80	3	0	1	1	14	15	17	18	1	3	5	2	0
Human immunodeficiency virus (HIV) (B20-B24)	17	0	0	0	0	0	0	0	2	2	8	3	2	0
Certain conditions originating in the perinatal period (P00-P96)	16	16	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	17	3	0	0	1	1	0	1	0	1	4	1	5	0
COVID-19	564	0	0	0	0	1	0	5	11	55	93	121	278	0
All other causes	954	3	1	1	2	1	4	20	23	56	123	204	516	0
TOTAL	5,859	26	5	2	6	36	51	159	234	398	897	1,331	2,714	0

Note: *ICD Codes, Tenth Revision.

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

TABLE F-18. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021

ALL RACES, FEMALES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	876	0	0	0	0	0	1	5	9	25	72	163	601	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	4	0	0	0	0	0	0	0	0	0	0	0	4	0
Hypertensive heart disease (I11)	58	0	0	0	0	0	0	0	2	5	13	11	27	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	0	1	2	4	0
Ischemic heart disease (I20-I25)	443	0	0	0	0	0	0	2	3	12	39	95	292	0
All other forms of heart disease (I26-I51)	364	0	0	0	0	0	1	3	4	8	19	55	274	0
Malignant neoplasms (C00-C97)	1,008	0	0	0	2	1	1	9	18	47	189	291	450	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	8	0	0	0	0	0	0	0	1	0	3	1	3	0
Malignant neoplasms of digestive organs (C15-C26)	235	0	0	0	0	0	0	1	2	11	43	71	107	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	213	0	0	0	0	0	1	0	0	8	44	63	97	0
Malignant neoplasms of breast (C50)	160	0	0	0	0	0	0	4	8	13	33	41	61	0
Malignant neoplasms of female genital organs, (C51-C58)	126	0	0	0	0	0	0	2	4	6	23	45	46	0
Malignant neoplasms of urinary tract (C64-C68)	39	0	0	0	0	0	0	0	0	3	7	8	21	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	26	0	0	0	1	0	0	1	0	0	10	10	4	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	94	0	0	0	0	0	0	0	1	3	11	23	56	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	107	0	0	0	1	1	0	1	2	3	15	29	55	0
Cerebrovascular diseases (I60-I69)	415	0	0	0	0	0	0	0	1	8	27	74	305	0

TABLE F-18. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
ALL RACES, 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)	263	0	0	0	0	0	0	1	3	11	26	61	161	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	275	2	0	1	2	5	8	42	61	40	33	16	65	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)	43	0	0	0	2	4	1	6	6	5	6	3	10	0
Nontransport Accidents (W00-X59, Y86)	231	2	0	1	0	1	7	36	55	35	27	13	54	0
Diabetes mellitus (E10-E14)	144	0	0	0	0	0	0	4	0	6	18	40	76	0
Influenza and pneumonia (J10-J18)	51	1	0	0	0	0	0	1	0	1	5	12	31	0
Alzheimer's disease (G30)	244	0	0	0	0	0	0	0	0	0	3	24	217	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	66	0	0	0	0	0	0	0	2	4	10	14	36	0
Septicemia (A40-A41)	56	1	0	0	0	0	0	1	3	1	11	12	27	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	27	0	0	0	1	2	2	5	5	2	6	1	3	0
Chronic liver disease and cirrhosis (K70, K73-K74)	46	0	0	0	0	0	0	0	5	4	16	11	10	0
Essential hypertension and hypertensive renal disease (I10, I12)	64	0	0	0	0	0	0	0	0	5	9	14	36	0
Aortic aneurysm and dissection (I71)	20	0	0	0	0	0	0	0	0	0	2	5	13	0
Assault (homicide) (X85-Y09, Y87.1)	23	1	1	0	1	0	4	3	6	1	3	3	0	0
Human immunodeficiency virus (HIV) (B20-B24)	3	0	0	0	0	0	0	2	0	0	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	10	10	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	14	3	2	0	2	1	0	1	0	1	2	0	2	0
COVID-19	478	1	0	0	0	0	1	2	7	26	68	117	256	0
All Other Causes	955	8	2	0	0	0	2	12	23	32	80	163	633	0
TOTAL	5,038	27	5	1	8	9	19	88	143	214	581	1,021	2,922	0

Note: *ICD Codes, Tenth Revision.

TABLE F-19. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
NON-HISPANIC WHITE, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	1,665	0	0	0	0	0	0	6	19	49	163	337	1091	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	6	0	0	0	0	0	0	0	1	0	1	0	4	0
Hypertensive heart disease (I11)	103	0	0	0	0	0	0	0	3	6	25	29	40	0
Hypertensive heart and renal disease (I13)	16	0	0	0	0	0	0	0	0	1	0	4	11	0
Ischemic heart disease (I20-I25)	954	0	0	0	0	0	0	3	10	27	104	206	604	0
All other forms of heart disease (I26-I51)	586	0	0	0	0	0	0	3	5	15	33	98	432	0
Malignant neoplasms (C00-C97)	1,665	0	0	0	2	2	4	4	19	56	291	517	770	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	35	0	0	0	0	0	0	0	1	2	11	8	13	0
Malignant neoplasms of digestive organs (C15-C26)	417	0	0	0	0	0	0	1	5	17	69	149	176	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	402	0	0	0	0	0	1	0	0	13	87	134	167	0
Malignant neoplasms of breast (C50)	123	0	0	0	0	0	0	2	3	6	25	33	54	0
Malignant neoplasms of female genital organs, (C51-C58)	89	0	0	0	0	0	0	0	3	3	12	32	39	0
Malignant neoplasms of male genital organs, (C60-C63)	104	0	0	0	0	0	0	0	0	1	13	20	70	0
Malignant neoplasms of urinary tract (C64-C68)	104	0	0	0	0	0	0	0	0	4	19	22	59	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	52	0	0	0	1	0	0	1	2	2	12	20	14	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	161	0	0	0	0	1	1	0	3	3	15	43	95	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	178	0	0	0	1	1	2	0	2	5	28	56	83	0
Cerebrovascular diseases (I60-I69)	566	0	0	0	0	0	0	0	2	10	35	94	425	0

TABLE F-19. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
NON-HISPANIC WHITE, BOTH SEXES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	416	0	0	0	0	0	0	1	1	10	45	108	251	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	557	1	0	1	1	8	14	82	123	101	76	48	102	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)	81	0	0	0	1	5	4	13	11	10	10	12	15	0
Nontransport Accidents (W00-X59, Y86)	475	1	0	1	0	3	10	69	112	91	66	36	86	0
Diabetes mellitus (E10-E14)	231	0	0	0	0	0	0	5	3	8	41	62	112	0
Influenza and pneumonia (J10-J18)	94	0	0	0	0	0	0	1	1	1	9	22	60	0
Alzheimer's disease (G30)	318	0	0	0	0	0	0	0	0	0	6	34	278	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	94	0	0	0	0	0	0	0	2	5	8	23	56	0
Septicemia (A40-A41)	83	0	0	0	0	0	0	2	1	6	14	18	42	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	107	0	0	0	0	4	12	12	18	18	16	10	17	0
Chronic liver disease and cirrhosis (K70, K73-K74)	108	0	0	0	0	0	0	2	8	10	38	31	19	0
Essential hypertension and hypertensive renal disease (I10, I12)	83	0	0	0	0	0	0	0	0	6	14	15	48	0
Aortic aneurysm and dissection (I71)	24	0	0	0	0	0	0	1	0	1	2	5	15	0
Assault (homicide) (X85-Y09, Y87.1)	20	1	1	0	0	1	1	1	4	2	1	6	2	0
Human immunodeficiency virus (HIV) (B20-B24)	5	0	0	0	0	0	0	1	0	1	1	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	6	6	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	20	1	1	0	1	1	0	1	0	2	6	1	6	0
COVID-19	748	0	0	0	0	1	1	1	10	49	89	176	421	0
All other causes	1,498	1	3	1	0	1	0	14	28	57	134	288	971	0
TOTAL	8,308	10	5	2	4	18	32	134	239	392	989	1,796	4,687	0

Note: *ICD Codes, Tenth Revision.

TABLE F-20. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021

NON-HISPANIC WHITE 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)	957	0	0	0	0	0	0	5	11	37	122	216	566	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	1	0	1	0	1	0
Hypertensive heart disease (I11)	63	0	0	0	0	0	0	0	1	5	18	21	18	0
Hypertensive heart and renal disease (I13)	11	0	0	0	0	0	0	0	0	1	0	3	7	0
Ischemic heart disease (I20-I25)	596	0	0	0	0	0	0	2	7	21	79	135	352	0
All other forms of heart disease (I26-I51)	284	0	0	0	0	0	0	3	2	10	24	57	188	0
Malignant neoplasms (C00-C97)	893	0	0	0	0	1	3	0	8	33	151	283	414	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	28	0	0	0	0	0	0	0	0	2	9	7	10	0
Malignant neoplasms of digestive organs (C15-C26)	242	0	0	0	0	0	0	0	3	12	41	92	94	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	223	0	0	0	0	0	0	0	0	9	49	77	88	0
Malignant neoplasms of breast (C50)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of male genital organs, (C60-C63)	104	0	0	0	0	0	0	0	0	1	13	20	70	0
Malignant neoplasms of urinary tract (C64-C68)	72	0	0	0	0	0	0	0	0	1	13	16	42	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	28	0	0	0	0	0	0	0	2	2	4	10	10	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	97	0	0	0	0	1	1	0	2	3	7	28	55	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	98	0	0	0	0	0	2	0	1	3	15	33	44	0
Cerebrovascular diseases (I60-I69)	240	0	0	0	0	0	0	0	2	6	17	46	169	0

TABLE F-20. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
NON-HISPANIC WHITE MALES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	195	0	0	0	0	0	0	0	0	3	27	59	106	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	354	0	0	0	0	5	8	54	79	70	59	35	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)	53	0	0	0	0	2	4	9	6	8	8	9	7	0
Nontransport Accidents (W00-X59, Y86)	301	0	0	0	0	3	4	45	73	62	51	26	37	0
Diabetes mellitus (E10-E14)	136	0	0	0	0	0	0	1	3	4	28	41	59	0
Influenza and pneumonia (J10-J18)	55	0	0	0	0	0	0	0	1	0	6	14	34	0
Alzheimer's disease (G30)	113	0	0	0	0	0	0	0	0	0	3	12	98	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	55	0	0	0	0	0	0	0	1	3	5	14	32	0
Septicemia (A40-A41)	42	0	0	0	0	0	0	1	0	5	7	9	20	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	85	0	0	0	0	2	12	9	13	16	10	9	14	0
Chronic liver disease and cirrhosis (K70, K73-K74)	72	0	0	0	0	0	0	2	5	8	25	21	11	0
Essential hypertension and hypertensive renal disease (I10, I12)	43	0	0	0	0	0	0	0	0	3	9	8	23	0
Aortic aneurysm and dissection (I71)	10	0	0	0	0	0	0	1	0	1	2	2	4	0
Assault (homicide) (X85-Y09, Y87.1)	11	1	0	0	0	1	0	1	1	1	0	4	2	0
Human immunodeficiency virus (HIV) (B20-B24)	4	0	0	0	0	0	0	0	0	1	1	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	4	4	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	10	0	0	0	0	0	0	0	0	1	4	1	4	0
COVID-19	413	0	0	0	0	1	0	1	4	34	53	98	222	0
All other causes	747	1	1	1	0	1	0	9	17	36	80	160	441	0
TOTAL	4,439	6	1	1	-	11	23	84	145	262	609	1,033	2,264	0

Note:*ICD Codes, Tenth Revision.

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

TABLE F-21. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021

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)	708	0	0	0	0	0	0	1	8	12	41	121	525	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	0	0	3	0
Hypertensive heart disease (I11)	40	0	0	0	0	0	0	0	2	1	7	8	22	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	0	0	1	4	0
Ischemic heart disease (I20-I25)	358	0	0	0	0	0	0	1	3	6	25	71	252	0
All other forms of heart disease (I26-I51)	302	0	0	0	0	0	0	0	3	5	9	41	244	0
Malignant neoplasms (C00-C97)	772	0	0	0	2	1	1	4	11	23	140	234	356	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	7	0	0	0	0	0	0	0	1	0	2	1	3	0
Malignant neoplasms of digestive organs (C15-C26)	175	0	0	0	0	0	0	1	2	5	28	57	82	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	179	0	0	0	0	0	1	0	0	4	38	57	79	0
Malignant neoplasms of breast (C50)	122	0	0	0	0	0	0	2	3	6	25	33	53	0
Malignant neoplasms of female genital organs, (C51-C58)	89	0	0	0	0	0	0	0	3	3	12	32	39	0
Malignant neoplasms of urinary tract (C64-C68)	32	0	0	0	0	0	0	0	0	3	6	6	17	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	24	0	0	0	1	0	0	1	0	0	8	10	4	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	64	0	0	0	0	0	0	0	1	0	8	15	40	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	80	0	0	0	1	1	0	0	1	2	13	23	39	0
Cerebrovascular diseases (I60-I69)	326	0	0	0	0	0	0	0	0	4	18	48	256	0

**TABLE F-21. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
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)	221	0	0	0	0	0	0	1	1	7	18	49	145	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	203	1	0	1	1	3	6	28	44	31	17	13	58	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)	28	0	0	0	1	3	0	4	5	2	2	3	8	0
Nontransport Accidents (W00-X59, Y86)	174	1	0	1	0	0	6	24	39	29	15	10	49	0
Diabetes mellitus (E10-E14)	95	0	0	0	0	0	0	4	0	4	13	21	53	0
Influenza and pneumonia (J10-J18)	39	0	0	0	0	0	0	1	0	1	3	8	26	0
Alzheimer's disease (G30)	205	0	0	0	0	0	0	0	0	0	3	22	180	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	39	0	0	0	0	0	0	0	1	2	3	9	24	0
Septicemia (A40-A41)	41	0	0	0	0	0	0	1	1	1	7	9	22	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	22	0	0	0	0	2	0	3	5	2	6	1	3	0
Chronic liver disease and cirrhosis (K70, K73-K74)	36	0	0	0	0	0	0	0	3	2	13	10	8	0
Essential hypertension and hypertensive renal disease (I10, I12)	40	0	0	0	0	0	0	0	0	3	5	7	25	0
Aortic aneurysm and dissection (I71)	14	0	0	0	0	0	0	0	0	0	0	3	11	0
Assault (homicide) (X85-Y09, Y87.1)	9	0	1	0	0	0	1	0	3	1	1	2	0	0
Human immunodeficiency virus (HIV) (B20-B24)	1	0	0	0	0	0	0	1	0	0	0	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)	10	1	1	0	1	1	0	1	0	1	2	0	2	0
COVID-19	335	0	0	0	0	0	1	0	6	15	36	78	199	0
All other causes	751	0	2	0	0	0	0	5	11	21	54	128	530	0
TOTAL	3,869	4	4	1	4	7	9	50	94	130	380	763	2,423	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, 2021

NON-HISPANIC BLACK, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	341	0	0	0	0	0	1	7	5	29	76	93	130	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Hypertensive heart disease (I11)	34	0	0	0	0	0	0	1	1	6	11	9	6	0
Hypertensive heart and renal disease (I13)	9	0	0	0	0	0	0	0	0	0	2	5	2	0
Ischemic heart disease (I20-I25)	176	0	0	0	0	0	0	2	3	15	37	48	71	0
All other forms of heart disease (I26-I51)	121	0	0	0	0	0	1	4	1	8	26	31	50	0
Malignant neoplasms (C00-C97)	382	0	0	0	0	0	0	6	7	25	74	111	159	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	0	0	0	0	0	0	0	1	1	1	0	3	0
Malignant neoplasms of digestive organs (C15-C26)	98	0	0	0	0	0	0	0	2	8	22	27	39	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	79	0	0	0	0	0	0	1	1	4	16	28	29	0
Malignant neoplasms of breast (C50)	30	0	0	0	0	0	0	1	3	6	6	8	6	0
Malignant neoplasms of female genital organs, (C51-C58)	32	0	0	0	0	0	0	2	0	2	10	12	6	0
Malignant neoplasms of male genital organs, (C60-C63)	36	0	0	0	0	0	0	0	0	0	5	11	20	0
Malignant neoplasms of urinary tract (C64-C68)	18	0	0	0	0	0	0	0	0	0	4	4	10	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	4	0	0	0	0	0	0	1	0	0	3	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	43	0	0	0	0	0	0	1	0	4	2	11	25	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	36	0	0	0	0	0	0	0	0	0	5	10	21	0
Cerebrovascular diseases (I60-I69)	142	0	0	0	0	0	0	0	4	8	20	37	73	0

TABLE F-22. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
NON-HISPANIC BLACK, 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)	63	0	0	0	0	0	0	0	3	6	10	20	24	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	178	2	1	0	2	5	5	28	29	36	45	12	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)	32	0	1	0	1	4	3	5	4	6	6	0	2	0
Nontransport Accidents (W00-X59, Y86)	146	2	0	0	1	1	2	23	25	30	39	12	11	0
Diabetes mellitus (E10-E14)	75	0	0	0	0	0	0	0	3	2	10	23	37	0
Influenza and pneumonia (J10-J18)	19	0	0	0	0	0	0	0	1	0	5	7	6	0
Alzheimer's disease (G30)	42	0	0	0	0	0	0	0	0	0	0	2	40	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	58	0	0	0	0	0	0	0	1	5	15	15	22	0
Septicemia (A40-A41)	20	1	0	0	0	0	0	0	3	1	7	3	5	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	21	0	0	0	1	5	3	6	1	1	1	2	1	0
Chronic liver disease and cirrhosis (K70, K73-K74)	23	0	0	0	0	0	0	0	3	3	10	4	3	0
Essential hypertension and hypertensive renal disease (I10, I12)	35	0	0	0	0	0	0	0	0	3	6	9	17	0
Aortic aneurysm and dissection (I71)	9	0	0	0	0	0	0	0	0	2	2	3	2	0
Assault (homicide) (X85-Y09, Y87.1)	72	2	0	1	2	12	16	16	17	0	5	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	12	0	0	0	0	0	0	0	2	1	7	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	14	14	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	5	2	0	0	0	1	0	1	0	0	0	0	1	0
COVID-19	219	1	0	0	0	0	0	3	6	24	58	47	80	0
All other causes	330	8	0	0	1	0	4	13	13	23	59	65	144	0
TOTAL	2,060	30	1	1	6	23	29	80	98	169	410	455	758	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, 2021

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)	206	0	0	0	0	0	0	3	5	17	50	58	73	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	20	0	0	0	0	0	0	1	1	2	7	6	3	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	0	1	4	2	0
Ischemic heart disease (I20-I25)	107	0	0	0	0	0	0	1	3	10	26	28	39	0
All other forms of heart disease (I26-I51)	72	0	0	0	0	0	0	1	1	5	16	20	29	0
Malignant neoplasms (C00-C97)	193	0	0	0	0	0	0	3	4	8	37	62	79	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	0	0	0	0	0	0	0	1	1	1	0	3	0
Malignant neoplasms of digestive organs (C15-C26)	51	0	0	0	0	0	0	0	2	4	10	17	18	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	52	0	0	0	0	0	0	1	1	1	11	22	16	0
Malignant neoplasms of breast (C50)	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	36	0	0	0	0	0	0	0	0	0	5	11	20	0
Malignant neoplasms of urinary tract (C64-C68)	12	0	0	0	0	0	0	0	0	0	3	3	6	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	3	0	0	0	0	0	0	1	0	0	2	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	19	0	0	0	0	0	0	1	0	2	2	4	10	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	14	0	0	0	0	0	0	0	0	0	3	5	6	0
Cerebrovascular diseases (I60-I69)	68	0	0	0	0	0	0	0	3	4	11	14	36	0

TABLE F-23. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
NON-HISPANIC BLACK MALES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	27	0	0	0	0	0	0	0	1	2	4	9	11	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	119	1	1	0	2	3	4	15	17	28	31	9	8	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	1	0	1	3	3	4	3	3	3	0	1	0
Nontransport Accidents (W00-X59, Y86)	97	1	0	0	1	0	1	11	14	25	28	9	7	0
Diabetes mellitus (E10-E14)	41	0	0	0	0	0	0	0	3	1	6	10	21	0
Influenza and pneumonia (J10-J18)	8	0	0	0	0	0	0	0	1	0	3	3	1	0
Alzheimer's disease (G30)	12	0	0	0	0	0	0	0	0	0	0	0	12	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	33	0	0	0	0	0	0	0	0	3	8	10	12	0
Septicemia (A40-A41)	9	0	0	0	0	0	0	0	1	1	4	1	2	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	17	0	0	0	0	5	1	5	1	1	1	2	1	0
Chronic liver disease and cirrhosis (K70, K73-K74)	13	0	0	0	0	0	0	0	1	1	7	3	1	0
Essential hypertension and hypertensive renal disease (I10, I12)	12	0	0	0	0	0	0	0	0	1	2	3	6	0
Aortic aneurysm and dissection (I71)	4	0	0	0	0	0	0	0	0	2	0	2	0	0
Assault (homicide) (X85-Y09, Y87.1)	61	2	0	1	1	12	13	14	14	0	3	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	11	0	0	0	0	0	0	0	2	1	6	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	8	8	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	4	1	0	0	0	1	0	1	0	0	0	0	1	0
COVID-19	117	0	0	0	0	0	0	2	5	17	32	19	42	0
All other causes	167	1	0	0	1	0	3	10	4	14	36	38	60	0
TOTAL	1,130	13	1	1	4	21	21	53	62	101	241	245	367	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, 2021

NON-HISPANIC BLACK FEMALES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	135	0	0	0	0	0	1	4	0	12	26	35	57	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Hypertensive heart disease (I11)	14	0	0	0	0	0	0	0	0	4	4	3	3	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	0	0	1	1	0	0
Ischemic heart disease (I20-I25)	69	0	0	0	0	0	0	1	0	5	11	20	32	0
All other forms of heart disease (I26-I51)	49	0	0	0	0	0	1	3	0	3	10	11	21	0
Malignant neoplasms (C00-C97)	189	0	0	0	0	0	0	3	3	17	37	49	80	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of digestive organs (C15-C26)	47	0	0	0	0	0	0	0	0	4	12	10	21	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	27	0	0	0	0	0	0	0	0	3	5	6	13	0
Malignant neoplasms of breast (C50)	30	0	0	0	0	0	0	1	3	6	6	8	6	0
Malignant neoplasms of female genital organs, (C51-C58)	32	0	0	0	0	0	0	2	0	2	10	12	6	0
Malignant neoplasms of urinary tract (C64-C68)	6	0	0	0	0	0	0	0	0	0	1	1	4	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	24	0	0	0	0	0	0	0	0	2	0	7	15	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	22	0	0	0	0	0	0	0	0	0	2	5	15	0
Cerebrovascular diseases (I60-I69)	74	0	0	0	0	0	0	0	1	4	9	23	37	0

**TABLE F-24. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2021
NON-HISPANIC BLACK 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)	36	0	0	0	0	0	0	0	2	4	6	11	13	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	59	1	0	0	0	2	1	13	12	8	14	3	5	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)	10	0	0	0	0	1	0	1	1	3	3	0	1	0
Nontransport Accidents (W00-X59, Y86)	49	1	0	0	0	1	1	12	11	5	11	3	4	0
Diabetes mellitus (E10-E14)	34	0	0	0	0	0	0	0	0	1	4	13	16	0
Influenza and pneumonia (J10-J18)	11	0	0	0	0	0	0	0	0	0	2	4	5	0
Alzheimer's disease (G30)	30	0	0	0	0	0	0	0	0	0	0	2	28	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	25	0	0	0	0	0	0	0	1	2	7	5	10	0
Septicemia (A40-A41)	11	1	0	0	0	0	0	0	2	0	3	2	3	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	0	0	0	1	0	2	1	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	10	0	0	0	0	0	0	0	2	2	3	1	2	0
Essential hypertension and hypertensive renal disease (I10, I12)	23	0	0	0	0	0	0	0	0	2	4	6	11	0
Aortic aneurysm and dissection (I71)	5	0	0	0	0	0	0	0	0	0	2	1	2	0
Assault (homicide) (X85-Y09, Y87.1)	11	0	0	0	1	0	3	2	3	0	2	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	6	6	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	1	1	0	0	0	0	0	0	0	0	0	0	0	0
COVID-19	102	1	0	0	0	0	0	1	1	7	26	28	38	0
All other causes	163	7	0	0	0	0	1	3	9	9	23	27	84	0
TOTAL	930	17	0	0	2	2	8	27	36	68	169	210	391	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, 2007-2021

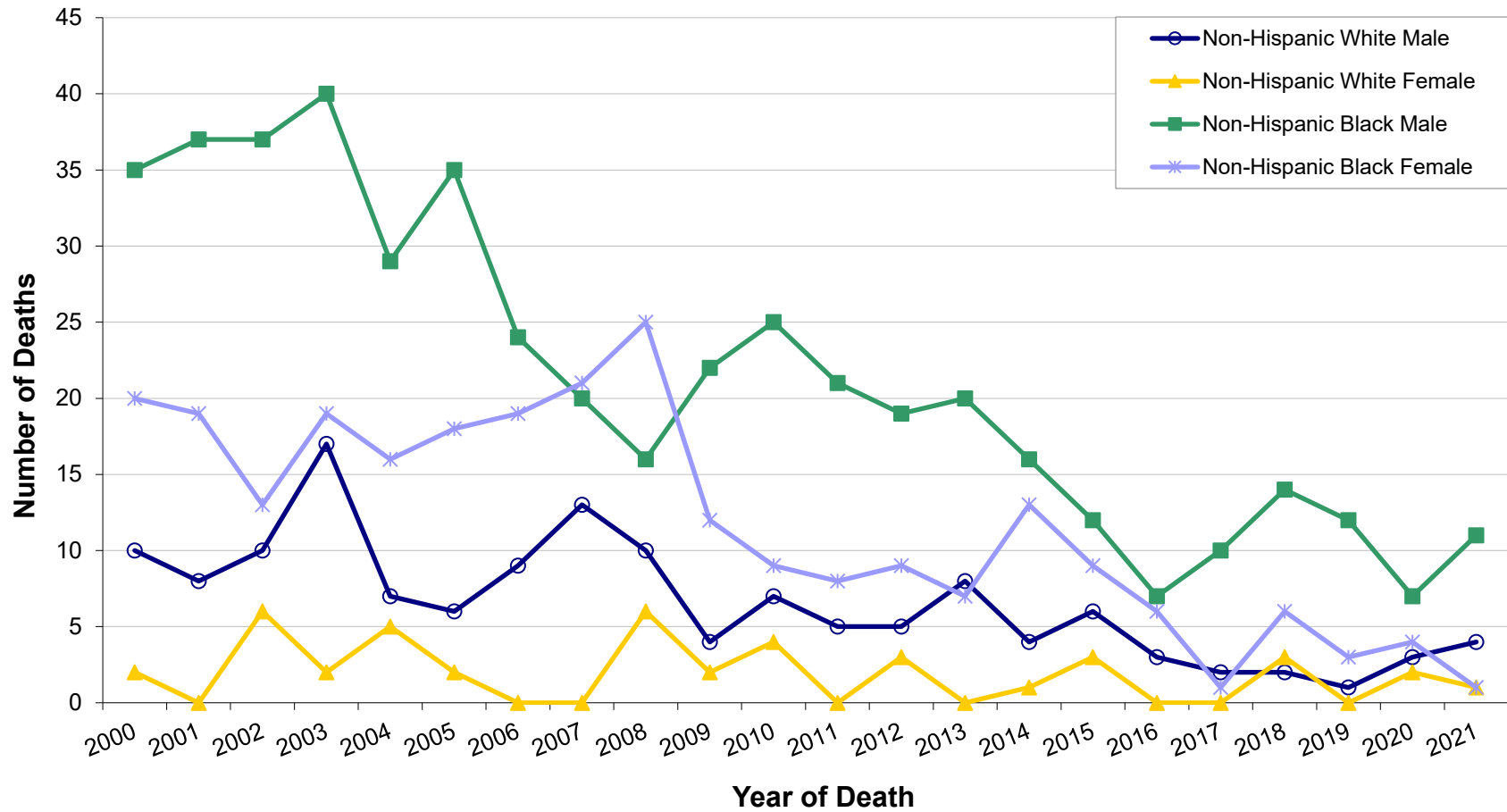
Area/ Race	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Delaware	55	58	41	46	36	36	36	38	31	17	16	25	16	18	20
Males	33	27	27	33	28	24	28	24	19	10	13	16	13	11	17
Non-Hispanic White	13	10	4	7	5	5	8	4	6	3	2	2	1	3	4
Non-Hispanic Black	20	16	22	25	21	19	20	16	12	7	10	14	12	7	11
Females	22	31	14	13	8	12	8	14	12	7	3	9	3	7	3
Non-Hispanic White	0	6	2	4	0	3	0	1	3	0	0	3	0	2	1
Non-Hispanic Black	21	25	12	9	8	9	7	13	9	6	1	6	3	4	1
Kent	9	8	5	10	5	8	4	4	8	3	1	6	2	4	1
Males	5	2	5	6	5	6	4	2	6	1	0	3	2	3	1
Non-Hispanic White	2	1	2	2	1	2	1	0	1	0	0	0	1	0	0
Non-Hispanic Black	3	1	3	4	3	4	3	2	5	1	0	3	1	3	1
Females	4	6	0	4	0	2	0	2	2	2	1	3	0	1	0
Non-Hispanic White	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0
Non-Hispanic Black	4	5	0	4	0	2	0	2	2	1	1	2	0	0	0
New Castle	39	42	34	31	25	27	27	27	18	9	9	17	14	9	13
Males	21	17	21	23	18	17	19	18	10	5	8	11	11	6	11
Non-Hispanic White	6	3	1	2	3	3	4	3	2	1	1	0	0	1	1
Non-Hispanic Black	15	13	19	20	14	14	15	11	7	4	7	11	11	4	8
Females	18	25	13	8	7	10	8	9	8	4	1	6	3	3	2
Non-Hispanic White	0	5	1	4	0	3	0	1	2	0	0	2	0	0	0
Non-Hispanic Black	17	20	12	4	7	7	7	8	6	4	0	4	3	3	1
Wilmington	22	29	27	19	15	15	18	21	8	3	8	6	5	3	7
Males	10	13	16	16	9	9	13	16	4	1	7	5	4	2	5
Non-Hispanic White	0	1	0	0	0	2	1	2	0	0	0	0	0	0	0
Non-Hispanic Black	10	12	15	15	9	7	12	11	4	1	7	5	4	1	3
Females	12	16	11	3	6	6	5	5	4	2	1	1	1	1	2
Non-Hispanic White	0	3	1	1	0	0	0	0	1	0	0	0	0	0	0
Non-Hispanic Black	11	13	10	2	6	6	4	5	3	2	0	1	1	1	1
Bal of NCCo	17	13	7	12	10	12	9	6	10	6	1	11	9	6	6
Males	11	4	5	7	9	8	6	2	6	4	1	6	7	4	6
Non-Hispanic White	6	2	1	2	3	1	3	1	2	1	1	0	0	1	1
Non-Hispanic Black	5	1	4	5	5	7	3	0	3	3	0	6	7	3	5
Females	6	9	2	5	1	4	3	4	4	2	0	5	2	2	0
Non-Hispanic White	0	2	0	3	0	3	0	1	1	0	0	2	0	0	0
Non-Hispanic Black	6	7	2	2	1	1	3	3	3	2	0	3	2	2	0
Sussex	7	8	2	5	6	1	5	7	5	5	6	2	0	5	6
Males	7	8	1	4	5	1	5	4	3	4	5	2	0	2	5
Non-Hispanic White	5	6	1	3	1	0	3	1	3	2	1	2	0	2	3
Non-Hispanic Black	2	2	0	1	4	1	2	3	0	2	3	0	0	0	2
Females	0	0	1	1	1	0	0	3	2	1	1	0	0	3	1
Non-Hispanic White	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1
Non-Hispanic Black	0	0	0	1	1	0	0	3	1	1	0	0	0	1	0
Hispanic	1	1	1	1	2	1	4	1	1	3	3	0	0	2	3
Males	0	1	1	1	2	0	4	1	0	1	1	0	0	1	2
Females	1	0	0	0	0	1	0	0	1	2	2	0	0	1	1

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, 2000-2021



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, 2021

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	10,897	100.0	8,308	100.0	2,060	100.0	242	100.0
Burial	4,054	37.2	2,753	33.1	1,119	54.3	71	29.3
Cremation	6,366	58.4	5,157	62.1	900	43.7	157	64.9
Donation	147	1.3	137	1.6	9	0.4	1	0.4
Entombment	105	1.0	98	1.2	5	0.2	1	0.4
Removal from State	214	2.0	160	1.9	22	1.1	11	4.5
Unknown	11	0.1	3	0.0	5	0.2	1	0.4
Kent	2,235	100.0	1,661	100.0	471	100.0	58	100.0
Burial	877	39.2	593	35.7	250	53.1	20	34.5
Cremation	1,285	57.5	1,010	60.8	212	45.0	34	58.6
Donation	22	1.0	18	1.1	3	0.6	1	1.7
Entombment	9	0.4	6	0.4	2	0.4	1	1.7
Removal from State	38	1.7	32	1.9	3	0.6	1	1.7
Unknown	4	0.2	2	0.1	1	0.2	1	1.7
New Castle	5,624	100.0	3,984	100.0	1,300	100.0	150	100.0
Burial	2,190	38.9	1,395	35.0	674	51.8	44	29.3
Cremation	3,188	56.7	2,397	60.2	597	45.9	99	66.0
Donation	48	0.9	42	1.1	6	0.5	0	0.0
Entombment	78	1.4	74	1.9	3	0.2	0	0.0
Removal from State	115	2.0	75	1.9	17	1.3	7	4.7
Unknown	5	0.1	1	0.0	3	0.2	0	0.0
Wilmington	783	100.0	267	100.0	456	100.0	15	100.0
Burial	336	42.9	87	32.6	225	49.3	7	46.7
Cremation	417	53.3	162	60.7	224	49.1	8	53.3
Donation	5	0.6	4	1.5	1	0.2	0	0.0
Entombment	9	1.1	8	3.0	0	0.0	0	0.0
Removal from State	14	1.8	6	2.2	5	1.1	0	0.0
Unknown/Other	2	0.3	0	0.0	1	0.2	0	0.0
Balance of NC County	4,841	100.0	3,717	100.0	844	100.0	135	100.0
Burial	1,854	38.3	1,308	35.2	449	53.2	37	27.4
Cremation	2,771	57.2	2,235	60.1	373	44.2	91	67.4
Donation	43	0.9	38	1.0	5	0.6	0	0.0
Entombment	69	1.4	66	1.8	3	0.4	0	0.0
Removal from State	101	2.1	69	1.9	12	1.4	7	5.2
Unknown	3	0.1	1	0.0	2	0.2	0	0.0
Sussex	3,038	100.0	2,663	100.0	289	100.0	34	100.0
Burial	987	32.5	765	28.7	195	67.5	7	20.6
Cremation	1,893	62.3	1,750	65.7	91	31.5	24	70.6
Donation	77	2.5	77	2.9	0	0.0	0	0.0
Entombment	18	0.6	18	0.7	0	0.0	0	0.0
Removal from State	61	2.0	53	2.0	2	0.7	3	8.8
Unknown	2	0.1	0	0.0	1	0.3	0	0.0

Note: Percentages are calculated based upon the total number of deaths in each race category.

TABLE F-27. LIFE EXPECTANCY AT BIRTH* BY RACE AND SEX, DELAWARE, 2004-2021

Year	Race and Sex								
	All Races			Non-Hispanic White			Non-Hispanic Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2021	77.6	74.3	80.9	77.8	74.8	81.0	73.8	69.4	78.2
2020	77.7	74.8	80.5	77.7	75.1	80.3	73.9	70.2	77.4
2019	79.0	75.9	82.2	79.1	76.1	82.2	77.0	73.1	80.8
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

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, 2021

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	77.6	74.3	80.9	77.8	74.8	81.0	73.8	69.4	78.2
5-10	73.0	69.7	76.4	73.0	70.0	76.2	69.5	65.1	74.1
10-15	68.0	64.8	71.4	68.1	65.0	71.2	64.6	60.1	69.1
15-20	63.1	59.8	66.5	63.1	60.0	66.3	59.7	55.3	64.2
20-25	58.4	55.2	61.6	58.3	55.2	61.5	55.2	51.1	59.3
25-30	53.7	50.6	56.8	53.6	50.6	56.7	50.7	46.8	54.6
30-35	49.1	46.1	52.1	48.9	46.0	51.9	46.2	42.4	50.0
35-40	44.6	41.7	47.5	44.4	41.6	47.3	41.8	38.1	45.4
40-45	40.2	37.4	42.9	40.0	37.4	42.8	37.6	34.1	41.0
45-50	35.8	33.2	38.5	35.8	33.2	38.5	33.3	29.9	36.5
50-55	31.5	29.0	34.0	31.6	29.2	34.0	29.0	25.7	32.3
55-60	27.4	25.1	29.6	27.5	25.3	29.6	25.1	22.1	28.1
60-65	23.5	21.4	25.5	23.5	21.6	25.4	21.6	18.6	24.4
65-70	19.9	18.0	21.6	19.8	18.0	21.5	18.4	15.8	20.9
70-75	16.4	14.7	17.9	16.3	14.7	17.8	15.3	13.0	17.4
75-80	13.3	11.8	14.6	13.2	11.8	14.4	12.4	10.1	14.5
80-85	10.5	9.3	11.5	10.3	9.2	11.2	10.0	7.8	11.9
85+	8.2	7.0	9.1	7.9	6.9	8.7	8.2	5.7	10.4

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

**TABLE F-29. MATERNAL DEATHS BY COUNTY,
DELAWARE, 2000-2021**

Year	Area			
	Delaware	Kent	New Castle	Sussex
2021	3	1	1	1
2020	2	0	2	0
2019	0	0	0	0
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

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, 2017-2021

LEADING CAUSES OF DEATH	AREA				NON-HISPANIC	
	DE	Kent	NCC	Sussex	White	Black
Malignant neoplasms	152.5	168.4	154.2	143.0	153.9	181.6
Diseases of the heart	148.4	176.1	145.7	138.4	148.9	168.6
Chronic lower respiratory diseases	35.7	45.7	34.6	32.8	38.9	29.6
Cerebrovascular diseases	46.3	47.7	54.3	33.9	43.3	65.5
Dementia	29.4	23.6	37.8	20.5	29.4	35.0
Accidents (unintentional injuries)	69.9	67.2	70.7	72.8	80.5	67.7
Diabetes mellitus	20.9	27.3	21.7	16.3	18.0	37.8
Alzheimer's disease	28.3	36.4	28.3	24.6	28.3	31.9
Nephritis, nephrotic syndrome, and nephrosis	13.9	15.2	16.1	10.2	11.3	29.8
Influenza and pneumonia	11.0	12.3	12.3	8.2	11.2	11.4
Septicemia	8.4	9.9	8.4	7.8	7.9	10.7
Intentional self-harm (suicide)	11.7	13.6	11.1	11.4	15.3	6.7
Other diseases of respiratory system	9.8	12.2	9.9	8.1	9.8	9.6
Chronic liver disease and cirrhosis	9.3	10.0	7.7	12.6	10.5	7.4
Certain conditions originating in the perinatal period	4.0	3.5	4.5	2.6	1.9	7.6
Assault (homicide)	8.2	7.2	9.9	4.0	2.2	26.9
Parkinson's disease	8.2	7.3	8.9	7.7	9.0	5.5
Human immunodeficiency virus (HIV)	1.6	NA	1.8	NA	NA	6.0
Essential hypertension and hypertensive renal disease	6.4	7.5	5.7	6.7	5.7	11.5
Pneumonitis due to solids and liquids	5.3	7.9	4.8	5.0	5.2	6.1
Aortic aneurysm and dissection	2.6	2.1	3.0	2.2	2.6	2.5
Congenital malformations, deformations, and chromosomal abnormalities	2.9	3.6	2.4	3.2	2.6	3.0

Notes:

1. Rates per 100,000, adjusted to U.S. 2000 population.
2. See Appendix E for ICD-10 cause of death codes.
3. "NA" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.

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

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2005-2021

Cause of Death/ Area	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Diseases of the heart													
Delaware	199.1	188.2	182.4	175.6	172.6	169.8	167.4	164.3	161.4	158.5	154.1	151.2	148.4
Kent	240.9	231.1	221.6	208.5	203.4	195.5	187.8	184.7	181.7	179.7	177.2	179.1	176.1
New Castle	187.6	175.6	170.0	162.9	160.5	158.2	156.5	154.2	151.4	149.2	148.0	147.0	145.7
Sussex	199.3	189.9	186.0	183.2	179.9	178.8	177.2	172.3	169.0	163.6	152.2	143.8	138.4
Malignant neoplasms													
Delaware	188.7	186.3	184.3	181.6	176.8	175.0	171.5	170.0	166.7	164.7	160.9	157.0	152.5
Kent	201.8	199.7	198.2	199.8	191.2	190.2	188.5	185.9	179.7	182.1	175.5	169.2	168.4
New Castle	187.9	185.2	185.5	182.5	177.3	174.2	170.2	166.9	165.6	162.1	160.9	158.1	154.2
Sussex	184.9	181.6	174.6	169.5	168.0	167.8	164.7	166.6	161.8	159.9	154.7	150.4	143.0
Cerebrovascular diseases													
Delaware	41.0	40.4	40.1	39.9	39.6	38.8	38.5	38.5	39.8	41.4	42.4	44.3	46.3
Kent	40.9	38.7	36.4	38.6	38.4	37.4	38.1	40.1	40.3	42.2	43.8	47.4	47.7
New Castle	45.4	44.7	44.8	43.7	44.1	43.3	42.9	42.3	44.0	45.9	47.7	50.5	54.3
Sussex	32.1	33.1	33.4	33.3	31.9	31.7	31.2	31.3	32.9	34.1	33.6	33.7	33.9
Chronic lower respiratory diseases													
Delaware	43.3	42.8	44.1	43.9	42.9	42.2	41.8	41.6	41.7	40.9	39.7	37.5	35.7
Kent	54.6	53.4	54.3	54.5	49.1	47.6	47.9	47.6	46.8	48.7	48.4	45.6	45.7
New Castle	42.1	41.5	43.0	42.2	41.3	40.7	40.2	39.2	39.3	39.1	38.4	36.5	34.6
Sussex	39.7	39.5	40.8	41.1	42.4	42.4	41.8	42.9	43.6	40.5	37.8	35.6	32.8
Diabetes mellitus													
Delaware	22.6	21.2	21.4	21.2	20.6	20.4	20.1	19.2	18.6	18.5	18.6	19.7	20.9
Kent	28.2	25.8	24.6	23.2	22.9	20.6	20.4	21.3	22.4	21.5	22.0	25.0	27.3
New Castle	22.5	21.4	22.2	22.3	21.4	21.3	20.4	18.6	17.9	18.5	19.0	20.2	21.7
Sussex	19.6	18.0	18.0	18.2	17.8	18.7	19.3	18.7	17.4	16.4	16.0	16.0	16.3
Influenza and pneumonia													
Delaware	14.7	13.8	13.2	13.1	12.9	13.0	13.5	13.0	13.7	13.5	12.6	11.6	11.0
Kent	16.0	14.9	13.6	14.2	13.5	14.1	13.9	13.7	13.2	13.4	12.3	12.2	12.3
New Castle	14.1	13.9	13.9	13.8	13.5	13.8	14.7	14.2	15.7	15.9	14.7	13.2	12.3
Sussex	14.9	12.7	11.9	11.1	11.3	10.8	11.0	10.3	10.4	9.4	9.1	8.5	8.2
Alzheimer's disease													
Delaware	20.5	20.7	20.4	20.1	19.3	19.1	19.2	20.5	22.4	25.1	26.6	28.7	28.3
Kent	18.8	20.5	22.9	22.8	22.0	20.3	21.3	22.0	23.7	29.5	32.7	34.2	36.4
New Castle	17.9	17.9	16.2	16.1	16.5	17.5	18.3	21.3	23.6	26.1	26.9	29.3	28.3
Sussex	27.0	27.0	27.7	26.9	23.6	21.6	19.7	18.7	19.8	21.4	23.3	25.1	24.6
Nephritis, nephrotic syndrome, and nephrosis													
Delaware	17.1	17.3	17.0	16.0	15.4	14.8	14.6	15.0	15.6	15.6	15.7	15.1	13.9
Kent	15.8	16.2	15.9	15.2	14.1	15.4	16.4	18.4	19.4	19.5	18.8	17.3	15.2
New Castle	18.4	18.7	18.5	17.0	16.2	15.7	15.5	15.7	16.2	16.8	16.7	16.5	16.1
Sussex	15.4	15.0	14.8	14.6	14.7	12.8	12.3	12.0	12.7	11.9	12.8	11.9	10.2
Septicemia													
Delaware	13.0	12.3	11.9	11.7	11.8	11.8	12.1	12.3	12.0	11.0	10.2	9.1	8.4
Kent	17.0	17.6	16.9	16.0	16.6	17.1	16.1	16.1	15.6	13.1	11.8	11.5	9.9
New Castle	13.5	12.2	11.8	11.1	11.1	11.2	11.4	11.7	11.6	10.6	9.8	8.9	8.4
Sussex	9.9	9.3	9.0	9.8	10.0	9.7	10.9	11.1	11.0	10.7	10.0	8.3	7.8

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2005-2021- CONTINUED

Cause of Death/ Area	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Intentional self-harm (suicide)													
Delaware	10.7	11.1	11.2	11.8	12.0	12.3	12.5	12.6	12.2	12.0	11.5	11.4	11.7
Kent	11.3	11.3	11.4	12.5	13.2	14.2	14.3	14.0	13.5	13.2	12.6	12.1	13.6
New Castle	10.1	10.2	10.6	11.1	11.2	11.4	11.8	11.9	11.6	11.2	10.9	10.8	11.1
Sussex	12.1	13.5	13.1	13.4	12.8	13.2	12.6	12.9	12.7	12.7	12.0	11.9	11.4
Chronic liver disease and cirrhosis													
Delaware	8.2	8.4	8.5	8.4	8.0	8.2	8.4	8.2	8.5	8.8	8.6	8.8	9.3
Kent	9.2	9.4	9.7	8.6	7.9	8.3	8.5	8.2	9.0	9.3	8.7	8.7	10.0
New Castle	7.3	7.6	7.3	7.5	7.1	7.0	7.1	6.8	7.0	7.2	7.3	7.4	7.7
Sussex	9.2	9.5	10.3	10.2	10.0	10.5	11.0	11.2	11.6	12.2	11.9	11.7	12.6
Assault (homicide)													
Delaware	6.0	6.1	6.0	6.4	6.0	6.3	6.5	6.8	6.8	7.0	7.0	7.3	8.2
Kent	4.0	4.2	3.9	4.0	3.8	4.7	5.1	5.6	6.0	5.9	6.2	6.4	7.2
New Castle	7.3	7.4	7.3	8.0	7.7	7.9	8.1	8.3	8.3	8.4	8.4	8.7	9.9
Sussex	3.6	3.5	3.7	3.5	3.0	3.1	2.8	3.1	3.0	3.7	3.5	3.9	4.0
Certain conditions originating in the perinatal period													
Delaware	7.3	6.5	6.5	6.6	6.3	6.0	6.7	6.6	6.1	5.8	5.7	4.7	4.0
Kent	5.4	4.2	4.8	5.7	5.2	4.4	5.5	5.3	4.2	4.2	4.6	3.9	3.5
New Castle	8.4	7.7	8.0	8.1	7.6	7.3	7.8	7.6	7.1	6.6	6.5	5.7	4.5
Sussex	6.0	4.9	3.7	2.9	3.1	3.2	4.1	4.3	4.3	4.1	3.5	---	2.6
Congenital malformations													
Delaware	2.7	3.0	2.9	3.0	3.1	3.0	2.9	2.8	2.8	2.9	2.9	2.8	2.9
Kent	2.8	3.4	3.2	3.2	2.9	3.0	3.5	3.1	3.1	3.0	3.3	3.5	3.6
New Castle	2.6	2.7	2.8	3.0	3.0	2.8	2.6	2.4	2.3	2.4	2.3	2.2	2.4
Sussex	2.7	3.3	3.1	3.0	3.6	3.3	3.1	3.3	3.7	3.8	4.0	3.4	3.2
Human immunodeficiency virus (HIV)													
Delaware	6.1	5.6	5.1	4.5	4.0	3.8	3.4	3.0	2.6	2.3	1.9	1.6	1.6
Kent	5.3	5.7	4.8	4.4	3.7	3.5	3.1	2.9	2.2	2.4	2.2	---	---
New Castle	7.2	6.4	6.0	5.5	4.9	4.5	4.0	3.4	2.8	2.4	2.0	1.7	1.8
Sussex	3.8	3.4	3.1	2.5	---	2.3	2.1	2.0	2.3	2.0	---	---	---
Accidents (unintentional injuries)													
Delaware	36.4	37.3	36.9	37.8	38.5	40.1	41.8	45.4	50.3	55.2	61.0	65.3	69.9
Kent	38.2	37.8	35.4	38.2	39.5	43.8	46.1	51.5	53.5	56.9	60.2	61.3	67.2
New Castle	33.5	34.5	34.6	35.0	35.9	37.6	39.6	42.1	48.3	53.6	60.0	64.8	70.7
Sussex	45.6	47.3	46.7	46.9	46.1	45.2	46.0	51.9	55.3	59.7	67.0	72.6	72.8
Essential hypertension and hypertensive renal disease													
Delaware	5.7	5.4	5.4	5.2	5.4	5.0	4.8	4.9	4.8	4.6	5.2	5.7	6.4
Kent	7.5	7.3	7.2	7.5	7.9	7.5	6.5	6.3	5.7	5.6	6.4	6.5	7.5
New Castle	5.8	5.3	5.3	4.9	4.8	4.4	4.2	4.3	4.3	4.0	4.1	5.0	5.7
Sussex	4.7	4.7	4.6	4.5	5.3	4.9	5.2	5.2	5.5	5.1	6.0	5.9	6.7
Aortic aneurysm and dissection													
Delaware	3.6	3.4	3.3	3.4	3.2	3.1	3.0	2.9	2.9	2.8	2.9	2.6	2.6
Kent	2.9	2.7	2.7	3.4	4.2	4.3	4.1	3.9	2.9	2.2	2.4	2.2	2.1
New Castle	3.3	3.2	3.4	3.5	3.1	2.8	2.8	2.8	3.1	3.3	3.3	2.9	3.0
Sussex	4.6	4.0	3.7	3.1	2.8	2.8	2.6	2.7	2.5	2.3	2.3	2.3	2.2

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2005-2021 - CONTINUED

Cause of Death/ Area	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Pneumonitis due to solids and liquids													
Delaware	5.6	5.2	5.0	4.7	4.6	4.5	5.0	5.2	5.4	5.6	5.7	5.4	5.3
Kent	3.4	3.0	3.3	3.5	3.5	3.8	4.2	5.4	6.6	7.7	7.7	8.0	7.9
New Castle	5.4	4.9	4.8	4.6	4.8	4.6	5.4	5.5	5.6	5.5	5.6	5.0	4.8
Sussex	7.1	6.8	6.5	5.7	5.2	4.9	4.7	4.4	4.4	4.7	4.9	4.9	5.0
Other diseases of respiratory system													
Delaware	9.1	9.1	9.4	9.8	9.7	9.8	9.6	9.2	8.9	9.6	9.6	9.8	9.8
Kent	10.4	11.1	11.5	11.8	11.9	11.5	10.9	10.8	10.7	11.9	12.3	12.3	12.2
New Castle	8.8	8.6	9.5	10.4	9.8	10.2	10.0	9.2	8.6	9.3	9.5	9.6	9.9
Sussex	9.1	9.2	8.1	7.5	8.4	8.0	8.1	8.5	8.5	8.6	8.5	8.6	8.1
Parkinson's disease													
Delaware	5.9	5.6	6.1	6.3	6.7	7.1	7.3	6.9	7.2	7.5	7.4	7.7	8.2
Kent	5.5	5.0	5.1	5.2	5.3	5.2	6.0	5.8	6.7	8.0	7.3	7.1	7.3
New Castle	6.2	5.8	6.3	6.4	7.2	7.7	7.8	7.3	7.5	7.6	7.7	8.3	8.9
Sussex	5.6	5.4	6.3	6.6	6.8	6.9	7.2	6.7	6.8	7.0	6.8	7.1	7.7
Dementia													
Delaware	32.7	37.8	40.5	43.6	43.1	42.7	41.3	39.6	36.2	35.4	33.2	31.7	29.4
Kent	26.5	30.5	36.0	40.6	41.7	40.7	42.0	38.7	33.8	30.9	28.9	25.2	23.6
New Castle	40.6	46.2	48.5	50.4	48.8	47.7	45.9	44.5	41.1	41.3	40.0	40.2	37.8
Sussex	19.7	24.9	27.1	32.0	33.2	34.8	32.8	31.8	29.7	28.5	24.8	22.6	20.5

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, 2005-2021

Cause of Death/ Race-Sex	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Diseases of the heart													
Non-Hispanic White	197.4	187.1	182.4	175.5	172.5	169.8	168.0	164.2	161.9	158.0	154.5	151.0	148.9
Male	247.5	235.2	230.4	221.5	216.6	215.0	214.0	210.2	207.4	203.7	199.2	193.7	192.0
Female	158.5	149.9	144.8	139.3	137.2	133.9	131.2	126.9	125.0	120.8	117.8	115.8	113.6
Non-Hispanic Black	221.7	208.8	196.3	194.4	192.3	191.1	185.2	187.1	181.6	182.3	173.1	174.1	168.6
Male	201.7	197.1	190.0	179.0	176.4	171.0	164.2	168.5	169.7	180.0	178.0	184.8	178.3
Female	191.8	172.8	160.2	163.5	163.6	164.3	159.8	159.9	151.7	144.6	133.7	134.0	128.2
Malignant neoplasms													
Non-Hispanic White	190.2	188.2	186.9	183.0	178.1	176.5	173.4	172.5	169.6	168.0	163.9	159.1	153.9
Male	229.2	227.6	222.2	217.6	212.6	209.8	205.4	207.1	204.8	201.7	198.3	193.3	185.9
Female	162.9	160.2	161.8	158.4	153.4	152.6	150.2	146.7	142.9	142.4	137.4	132.9	129.4
Non-Hispanic Black	202.3	198.0	195.5	201.1	197.4	195.3	190.3	187.5	185.5	184.2	181.7	182.3	181.6
Male	219.1	215.4	214.0	212.9	208.8	202.3	184.9	180.1	179.7	178.2	172.3	177.5	176.6
Female	169.3	164.6	161.8	169.8	166.5	168.3	171.9	168.8	167.0	164.3	164.8	161.2	160.4
Cerebrovascular diseases													
Non-Hispanic White	38.3	38.0	38.1	37.9	37.4	37.1	36.6	35.9	37.0	38.7	39.6	41.1	43.3
Male	35.6	34.6	36.7	37.6	37.2	37.3	36.8	35.4	36.6	39.0	40.7	41.9	44.4
Female	39.6	39.7	38.6	37.8	37.3	36.9	36.3	36.2	36.9	38.1	38.2	39.9	41.9
Non-Hispanic Black	57.3	54.7	51.6	51.4	51.0	48.1	48.7	52.6	55.1	56.2	57.9	63.2	65.5
Male	64.8	62.7	61.2	58.2	56.7	56.8	55.4	59.8	65.9	67.1	70.8	74.6	77.4
Female	52.0	48.2	44.5	46.3	46.7	42.3	44.4	48.0	48.1	49.1	49.5	55.2	57.3
Chronic lower respiratory diseases													
Non-Hispanic White	45.6	45.2	46.7	46.3	45.6	45.0	44.7	44.5	44.9	44.4	43.1	40.8	38.9
Male	49.5	47.5	48.3	46.5	44.7	44.6	46.6	45.6	46.7	46.0	43.4	40.3	39.4
Female	42.8	43.4	45.4	46.3	46.5	45.6	43.7	44.0	43.4	43.1	42.8	41.0	38.3
Non-Hispanic Black	32.8	33.1	34.4	36.4	34.7	34.0	34.2	34.1	33.9	33.3	33.3	31.0	29.6
Male	48.0	47.0	47.7	47.2	43.4	41.6	42.5	40.0	40.8	39.2	40.7	37.4	35.7
Female	24.3	25.2	26.4	29.6	29.1	29.0	29.1	30.5	29.8	29.6	28.5	26.7	25.9
Diabetes mellitus													
Non-Hispanic White	19.8	18.3	18.0	18.2	17.6	17.2	17.2	16.8	16.2	15.9	16.1	16.8	18.0
Male	23.7	22.1	21.6	21.3	21.6	21.2	21.2	21.0	19.5	18.6	19.8	20.8	22.7
Female	16.6	15.0	14.8	15.2	14.1	13.9	13.8	13.4	13.6	13.7	13.1	13.5	14.1
Non-Hispanic Black	40.8	38.7	41.5	39.6	39.7	39.8	37.8	33.8	32.8	33.0	33.4	36.1	37.8
Male	45.1	43.7	44.0	42.1	43.3	46.6	45.6	43.8	45.6	45.7	48.2	54.6	57.2
Female	37.2	34.5	38.4	36.9	37.0	35.3	33.3	27.9	24.7	24.5	23.5	23.3	24.7
Influenza and pneumonia													
Non-Hispanic White	15.0	14.0	13.4	13.2	13.2	13.1	13.9	13.6	14.3	13.8	13.0	11.7	11.2
Male	18.2	17.3	16.3	16.0	15.8	14.9	15.8	15.6	16.6	16.6	15.6	13.3	13.0
Female	13.0	11.9	11.5	11.3	11.5	11.9	12.6	12.2	12.5	11.7	11.0	10.5	9.8
Non-Hispanic Black	12.6	12.0	12.4	13.0	12.5	14.0	13.3	11.8	12.0	12.5	11.5	11.5	11.4
Male	18.0	17.1	16.8	14.6	14.3	15.4	14.7	13.1	15.4	15.7	15.4	15.1	14.4
Female	9.9	9.3	9.7	11.5	11.2	13.1	12.4	11.2	10.2	10.8	8.9	8.9	9.2

TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX, DELAWARE, 2005-2021 - CONTINUED

Cause of Death/ Race-Sex	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Alzheimer's disease													
Non-Hispanic White	21.2	21.1	20.8	20.3	19.1	18.9	19.2	20.2	22.1	24.9	26.5	28.3	28.3
Male	18.8	18.2	17.1	16.4	15.9	15.3	16.3	18.1	20.6	22.9	23.9	24.7	24.4
Female	22.4	22.7	23.0	22.7	21.1	21.1	20.9	21.4	22.9	26.2	28.1	30.7	31.0
Non-Hispanic Black	15.4	17.5	18.8	20.9	22.2	21.8	21.6	24.7	26.1	29.1	30.7	33.8	31.9
Male	12.2	13.6	14.1	14.0	16.0	15.4	16.5	20.5	20.5	22.8	22.8	24.7	22.4
Female	16.7	19.2	21.0	24.2	25.0	24.5	23.6	26.2	28.6	32.0	34.5	38.5	36.9
Nephritis, nephrotic syndrome, and nephrosis													
Non-Hispanic White	14.8	14.9	14.8	14.1	13.6	12.9	12.7	13.1	13.2	13.2	13.2	12.7	11.3
Male	18.4	18.5	17.7	16.5	16.0	15.4	15.2	15.9	16.6	17.0	17.0	16.7	15.2
Female	12.3	12.5	12.9	12.5	11.8	11.2	10.9	11.1	10.9	10.5	10.5	9.8	8.4
Non-Hispanic Black	32.6	31.9	30.6	28.4	26.3	26.8	27.4	27.6	30.4	31.7	31.5	30.0	29.8
Male	39.7	39.1	38.4	33.8	31.0	33.8	34.8	35.3	40.4	42.7	44.2	42.5	41.7
Female	27.8	27.2	26.1	25.0	23.4	23.2	23.3	23.4	25.2	25.4	23.7	22.0	21.8
Septicemia													
Non-Hispanic White	11.8	11.3	11.3	11.3	11.3	11.5	11.8	12.1	11.9	10.8	10.0	8.8	7.9
Male	13.0	12.6	12.7	12.0	12.5	13.2	13.0	13.6	13.2	12.6	11.5	10.5	9.3
Female	11.0	10.4	10.3	10.8	10.5	10.5	11.1	11.1	10.9	9.5	8.9	7.4	6.8
Non-Hispanic Black	19.7	18.1	15.9	15.6	15.2	14.6	15.6	15.3	14.8	14.2	12.9	11.4	10.7
Male	18.3	17.1	15.7	16.6	14.8	15.5	17.9	18.3	17.7	18.6	16.6	14.5	13.2
Female	20.4	18.3	15.8	14.8	15.4	14.1	14.8	13.9	13.4	11.9	11.1	9.4	9.2
Intentional self-harm (suicide)													
Non-Hispanic White	13.1	13.7	14.1	14.9	15.4	16.0	16.2	16.2	16.1	15.6	14.9	14.8	15.3
Male	21.3	22.2	22.6	24.3	24.7	25.9	25.7	26.1	26.4	26.2	24.4	25.1	25.7
Female	5.4	5.7	6.2	6.1	6.7	6.9	7.4	7.1	6.6	5.8	6.0	5.1	5.5
Non-Hispanic Black	5.5	5.3	5.2	5.6	5.0	4.3	5.5	5.7	5.5	6.1	6.4	5.9	6.7
Male	10.7	10.2	9.6	10.4	9.8	7.8	8.9	9.5	9.5	10.3	10.2	10.1	11.2
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Chronic liver disease and cirrhosis													
Non-Hispanic White	8.9	9.0	9.2	9.1	8.7	8.9	9.2	9.0	9.5	9.9	9.8	9.9	10.5
Male	12.5	12.9	13.2	13.4	12.9	12.9	13.3	12.2	12.7	13.1	12.9	12.7	14.2
Female	5.7	5.5	5.6	5.2	4.9	5.2	5.6	6.1	6.5	7.0	7.2	7.4	7.2
Non-Hispanic Black	6.1	6.7	6.6	6.6	6.1	6.0	6.1	5.5	5.9	6.2	6.0	6.1	7.4
Male	9.6	11.0	11.3	10.7	9.5	9.9	9.2	7.2	8.3	8.3	8.5	8.9	10.5
Female	---	---	---	---	---	---	3.9	4.2	4.2	4.6	4.1	4.0	5.1
Assault (homicide)													
Non-Hispanic White	2.5	2.4	2.6	2.8	2.9	2.7	2.5	2.5	2.3	2.1	2.2	2.1	2.2
Male	3.3	3.0	3.3	3.8	3.7	3.5	3.3	3.6	3.1	3.0	2.9	2.7	2.3
Female	1.8	1.8	1.9	1.8	2.2	1.8	1.8	1.5	1.4	1.2	1.5	1.6	2.1
Non-Hispanic Black	16.7	17.0	16.1	17.2	16.0	17.8	19.1	20.6	21.4	22.7	22.5	24.0	26.9
Male	31.9	32.7	30.7	32.7	29.8	32.8	35.7	37.5	38.6	40.0	39.8	42.1	47.5
Female	---	---	---	---	---	---	---	4.8	5.1	6.3	6.0	6.8	7.3

TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX, DELAWARE, 2005-2021 - CONTINUED

Cause of Death/ Race-Sex	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Certain conditions originating in the perinatal period													
Non-Hispanic White	4.3	3.8	3.8	3.5	3.1	3.1	3.8	3.5	3.1	3.1	2.9	2.1	1.9
Male	5.0	4.4	4.5	4.2	3.5	3.7	4.0	3.6	3.3	3.2	3.0	2.5	2.2
Female	3.6	3.2	3.0	2.8	2.6	2.5	3.5	3.3	3.0	3.0	2.8	---	---
Non-Hispanic Black	16.2	14.4	14.5	15.0	14.4	12.3	12.9	12.3	11.0	10.2	10.2	8.9	7.6
Male	17.0	15.0	14.8	15.9	16.9	14.0	14.5	14.5	12.1	10.9	11.2	9.5	8.4
Female	15.3	13.7	14.3	14.0	11.7	10.6	11.3	10.1	9.9	9.6	9.2	8.2	6.9
Congenital malformations													
Non-Hispanic White	2.5	3.1	3.0	3.1	3.3	3.2	2.8	2.5	2.5	2.3	2.3	2.4	2.6
Male	2.2	2.8	2.4	2.4	2.6	2.6	2.3	2.4	2.3	1.9	1.9	2.1	2.1
Female	2.8	3.4	3.7	3.9	4.1	3.8	3.4	2.5	2.8	2.7	2.6	2.7	3.1
Non-Hispanic Black	2.7	2.6	2.5	2.8	2.4	2.7	3.2	3.2	3.1	3.7	3.6	3.2	3.0
Male	2.2	2.8	2.4	2.4	2.6	2.6	2.3	2.4	2.3	1.9	1.9	2.1	2.1
Female	2.8	3.4	3.7	3.9	4.1	3.8	3.4	2.5	2.8	2.7	2.6	2.7	3.1
Human immunodeficiency virus (HIV)													
Non-Hispanic White	1.7	1.8	1.7	1.5	1.2	1.1	1.0	0.9	0.7	0.6	0.5	---	---
Male	2.9	2.9	2.6	2.0	1.7	1.7	1.5	1.4	1.2	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	24.2	21.4	19.5	17.5	15.7	14.9	13.0	11.2	9.6	8.7	7.2	6.2	6.0
Male	29.8	26.7	25.4	24.3	24.7	22.9	19.1	15.5	13.9	11.9	10.7	9.6	10.4
Female	19.8	17.4	14.9	12.1	8.4	8.5	8.1	7.8	6.3	6.1	4.3	3.4	---
Accidents (unintentional injuries)													
Non-Hispanic White	40.7	42.1	42.9	44.5	45.4	47.3	49.1	53.8	59.6	65.6	72.1	76.4	80.5
Male	57.0	57.2	58.1	59.7	60.6	62.6	66.1	73.5	80.9	90.7	101.0	106.7	110.7
Female	25.9	28.3	28.9	30.7	31.6	33.3	33.4	35.3	39.4	41.8	44.9	47.8	52.0
Non-Hispanic Black	24.4	26.3	24.7	26.1	27.2	28.8	30.7	35.0	40.9	45.5	52.8	59.9	67.7
Male	35.7	37.6	35.7	38.8	40.3	42.4	44.9	52.9	62.0	68.7	80.7	90.5	100.5
Female	15.1	16.7	15.3	15.3	15.8	16.9	18.0	19.0	22.3	25.1	28.6	33.9	40.0
Essential hypertension and hypertensive renal disease													
Non-Hispanic White	4.8	4.7	4.7	4.6	5.0	4.6	4.4	4.4	4.4	4.1	4.8	5.0	5.7
Male	4.8	4.4	4.0	4.1	4.5	3.9	4.0	4.5	4.4	4.2	5.4	5.3	6.3
Female	4.6	4.5	4.8	4.7	5.2	4.9	4.5	4.2	4.3	4.0	4.2	4.7	5.1
Non-Hispanic Black	11.8	9.9	9.2	8.8	7.7	7.6	7.6	8.4	7.8	7.7	8.0	10.1	11.5
Male	11.8	10.2	9.9	9.3	7.9	8.6	7.5	8.5	7.3	8.4	8.4	12.3	12.9
Female	10.9	8.9	8.0	7.8	7.0	6.7	7.3	8.2	8.0	7.3	7.4	8.6	10.6
Aortic aneurysm and dissection													
Non-Hispanic White	3.6	3.4	3.4	3.4	3.2	3.1	3.1	3.0	3.0	3.0	3.1	2.7	2.6
Male	5.4	5.0	4.6	4.5	4.0	4.1	4.0	4.1	4.4	4.4	4.2	3.7	3.3
Female	2.3	2.0	2.3	2.6	2.5	2.3	2.4	2.1	1.8	1.9	2.1	1.9	2.0
Non-Hispanic Black	3.7	3.7	3.5	3.2	3.8	3.3	3.0	3.5	3.7	2.8	2.8	2.6	2.5
Male	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX, DELAWARE, 2005-2021 - CONTINUED

Cause of Death/ Race-Sex	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017	2014 -2018	2015 -2019	2016 -2020	2017 -2021
Pneumonitis due to solids and liquids													
Non-Hispanic White	5.5	5.2	5.1	4.8	4.7	4.6	5.2	5.4	5.6	5.7	5.8	5.4	5.2
Male	6.8	6.5	6.7	6.6	7.0	7.1	7.6	8.0	8.1	8.1	8.1	7.6	7.6
Female	4.6	4.2	4.0	3.6	3.2	3.0	3.6	3.6	4.0	4.1	4.3	3.8	3.4
Non-Hispanic Black	5.6	4.4	4.0	3.2	4.4	4.7	4.1	4.6	5.0	5.5	4.9	5.7	6.1
Male	---	---	---	---	8.3	8.7	---	7.5	8.9	8.4	7.1	7.3	7.7
Female	---	---	---	---	---	---	---	---	---	---	---	4.6	4.8
Other diseases of respiratory system													
Non-Hispanic White	9.2	9.1	9.3	10.0	10.2	10.2	10.0	9.7	9.2	9.9	10.1	10.0	9.8
Male	10.8	10.8	10.4	12.0	12.8	12.7	12.2	11.9	11.4	11.8	12.0	11.9	11.9
Female	8.1	7.8	8.3	8.4	8.2	8.2	8.2	8.0	7.4	8.4	8.7	8.7	8.3
Non-Hispanic Black	9.7	10.1	10.4	9.4	7.9	8.6	8.8	7.7	8.3	9.0	8.2	8.8	9.6
Male	12.5	13.5	14.5	13.2	12.4	13.5	11.7	10.3	10.0	9.8	7.1	8.2	10.0
Female	8.2	8.1	8.0	7.4	5.2	5.6	6.9	6.1	7.2	8.5	9.0	9.2	9.5
Parkinson's disease													
Non-Hispanic White	6.4	6.2	6.8	6.9	7.5	7.8	8.0	7.7	7.9	8.1	8.0	8.3	9.0
Male	8.9	8.5	8.7	8.9	9.9	10.6	10.9	11.0	11.5	12.0	12.1	12.6	13.8
Female	5.0	4.8	5.6	5.7	5.9	5.9	6.1	5.4	5.5	5.3	5.1	5.2	5.5
Non-Hispanic Black	---	---	---	---	---	---	3.5	3.2	3.9	5.4	4.9	5.1	5.5
Male	---	---	---	---	---	---	---	---	---	9.0	8.9	9.1	9.0
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Dementia													
Non-Hispanic White	32.0	37.4	40.4	43.8	43.4	43.0	41.5	39.8	36.3	35.3	33.2	31.7	29.4
Male	27.1	32.0	34.3	37.4	37.5	37.3	35.0	33.3	30.0	28.6	26.2	24.6	22.2
Female	34.6	40.2	43.5	46.9	46.4	45.9	45.0	43.3	39.9	39.1	37.2	35.8	33.8
Non-Hispanic Black	38.5	42.5	45.1	46.0	45.9	46.5	46.4	45.1	41.2	42.0	39.5	38.8	35.0
Male	40.8	42.9	41.4	43.1	44.3	44.2	44.8	45.6	45.3	44.6	41.8	39.7	36.2
Female	36.8	41.8	46.5	47.0	45.8	47.1	46.7	44.3	38.5	40.3	37.6	37.3	33.4
COVID-19													
Non-Hispanic White	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	25.5
Male	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	31.2
Female	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	20.9
Non-Hispanic Black	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	43.0
Male	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	52.3
Female	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	36.0

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.

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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.

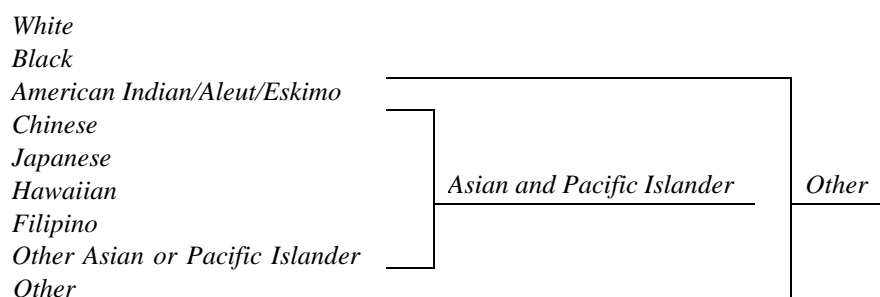
All statistics are subject to random variation.¹ Rates based on a relatively small number of events tend to be subject to more random variation than rates based on a large number of events.

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:

$$R_1 \pm 1.96 * SE$$
$$\text{where } SE(R_1) = R_1 * \frac{RSE(R_1)}{100}$$
$$\text{and } RSE(R_1) = 100 * \sqrt{\left(\frac{1}{D} + \frac{1}{B}\right)}$$

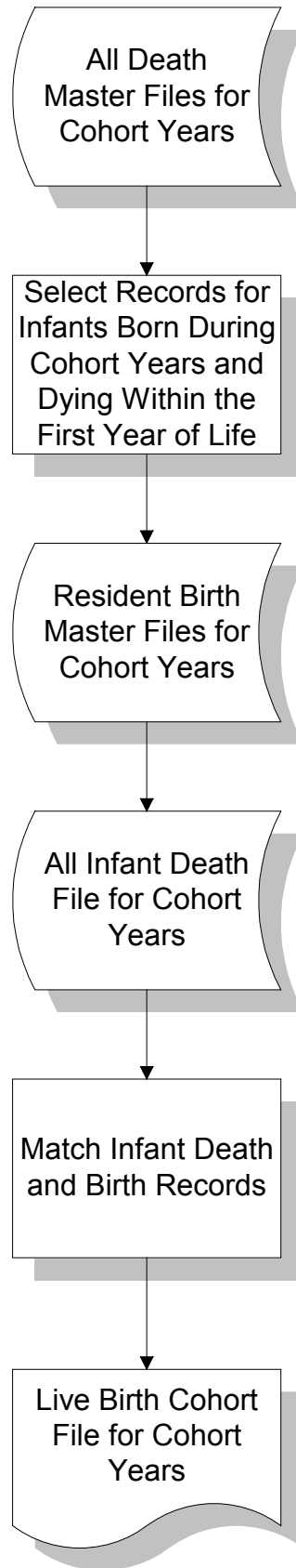
Comparison of two infant mortality rates - When the number of events for one or both of the rates was less than 100, comparisons between rates were based on the confidence intervals for each. If they overlapped, the difference was not significant. When the number of events for both rates was 100 or more, 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: _____		19. FATHER'S SOCIAL SECURITY NUMBER: _____	
INFORMATION FOR MEDICAL AND HEALTH PURPOSES ONLY				
MOTHER	20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery) <input type="checkbox"/> 8 th grade or less <input type="checkbox"/> 9 th - 12 th grade, no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Some college credit but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		21. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina) <input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican, Mexican American, Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____	
MOTHER'S MEDICAL RECORD NO. _____			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 _____	
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: _____	

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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		36b. DATE OF LAST OTHER PREGNANCY OUTCOME MM / DD / YYYY		39. DATE LAST NORMAL MENSES BEGAN MM / DD / YYYY		
35a. OTHER OUTCOMES NUMBER <input type="checkbox"/> None		39. DATE LAST NORMAL MENSES BEGAN MM / DD / YYYY		40. MOTHER'S MEDICAL RECORD NUMBER		
MEDICAL AND HEALTH INFORMATION	41. RISK FACTORS IN THIS PREGNANCY (Check all that apply). Diabetes <input type="checkbox"/> Pre-Pregnancy (Diagnosis prior to this pregnancy) <input type="checkbox"/> Gestational (Diagnosis in this pregnancy) Hypertension <input type="checkbox"/> Pre-Pregnancy (Chronic) <input type="checkbox"/> Gestational <input type="checkbox"/> Eclampsia <input type="checkbox"/> Previous preterm birth <input type="checkbox"/> Other previous poor pregnancy outcome (includes perinatal death, small-for-gestational age/intrauterine growth restricted birth) <input type="checkbox"/> Pregnancy resulted from infertility treatment-if yes, check all that apply: <input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination <input type="checkbox"/> Assisted reproductive technology (e.g. in vitro fertilization [IVF], gamete intrafallopian transfer [GIFT]) <input type="checkbox"/> Mother had a previous cesarean delivery If yes, how many _____ <input type="checkbox"/> None of the above		44. ONSET OF LABOR (CHECK ALL THAT APPLY) <input type="checkbox"/> Premature Rupture of Membranes (prolonged, ≥ 12 hrs.) <input type="checkbox"/> Precipitous Labor (< 3 hrs.) <input type="checkbox"/> Prolonged Labor (≥ 20 hrs.) <input type="checkbox"/> None of the Above		46. METHOD OF DELIVERY A. Was delivery with forceps attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No B. Was delivery with vacuum extraction attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No C. Fetal presentation at birth <input type="checkbox"/> Cephalic <input type="checkbox"/> Breech <input type="checkbox"/> Other D. Final route and method of delivery (Check one) <input type="checkbox"/> Vaginal/Spontaneous <input type="checkbox"/> Vaginal/Forceps <input type="checkbox"/> Vaginal/Vacuum <input type="checkbox"/> Cesarean If cesarean, was a trial of labor attempted? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	42. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all that apply) <input type="checkbox"/> Gonorrhea <input type="checkbox"/> Syphilis <input type="checkbox"/> Chlamydia <input type="checkbox"/> Hepatitis B <input type="checkbox"/> Hepatitis C <input type="checkbox"/> None of the above		45. CHARACTERISTICS OF LABOR AND DELIVERY <input type="checkbox"/> Induction of labor <input type="checkbox"/> Augmentation of labor <input type="checkbox"/> Non-vertex presentation <input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation received by the mother prior to delivery <input type="checkbox"/> Antibiotics received by the mother during labor <input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or: maternal temperature $\geq 38^{\circ}$ C (100.4° F) <input type="checkbox"/> Moderate/heavy meconium staining of the amniotic fluid <input type="checkbox"/> Fetal intolerance of labor such that one or more of the following actions was taken: in-utero resuscitative measures, further fetal assessment, or operative delivery <input type="checkbox"/> Epidural or spinal anesthesia during labor <input type="checkbox"/> None of the above		47. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery) <input type="checkbox"/> Maternal transfusion <input type="checkbox"/> Third or fourth degree perineal laceration <input type="checkbox"/> Ruptured uterus <input type="checkbox"/> Unplanned hysterectomy <input type="checkbox"/> Admission to intensive care unit <input type="checkbox"/> Unplanned operating room procedure following delivery <input type="checkbox"/> None of the above	
	43. OBSTETRIC PROCEDURES (Check all that apply) <input type="checkbox"/> Cervical cerclage <input type="checkbox"/> Tocolysis External cephalic version: <input type="checkbox"/> Successful <input type="checkbox"/> Failed <input type="checkbox"/> None of the above		45. CHARACTERISTICS OF LABOR AND DELIVERY <input type="checkbox"/> Induction of labor <input type="checkbox"/> Augmentation of labor <input type="checkbox"/> Non-vertex presentation <input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation received by the mother prior to delivery <input type="checkbox"/> Antibiotics received by the mother during labor <input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or: maternal temperature $\geq 38^{\circ}$ C (100.4° F) <input type="checkbox"/> Moderate/heavy meconium staining of the amniotic fluid <input type="checkbox"/> Fetal intolerance of labor such that one or more of the following actions was taken: in-utero resuscitative measures, further fetal assessment, or operative delivery <input type="checkbox"/> Epidural or spinal anesthesia during labor <input type="checkbox"/> None of the above		47. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery) <input type="checkbox"/> Maternal transfusion <input type="checkbox"/> Third or fourth degree perineal laceration <input type="checkbox"/> Ruptured uterus <input type="checkbox"/> Unplanned hysterectomy <input type="checkbox"/> Admission to intensive care unit <input type="checkbox"/> Unplanned operating room procedure following delivery <input type="checkbox"/> None of the above	
	NEWBORN INFORMATION					
48. NEWBORN MEDICAL RECORD NUMBER		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"/> Gastrochisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above		
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"/> Gastrochisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above		
50. OBSTETRIC ESTIMATE OF GESTATION ____ (completed weeks)		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"/> Gastrochisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above		
51. APGAR SCORE Score at 5 minutes _____ If 5 minute score is less than 6, Score at 10 minutes _____		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"/> Gastrochisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above		
52. PLURALITY – Single, Twin, Triplet, etc. (Specify) _____		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"/> Gastrochisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above		
53. IF NOT SINGLE BIRTH – Born first, second, third, etc. (Specify) _____		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"/> Gastrochisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above		
56. WAS INFANT TRANSFERRED WITHIN 24 HOURS OF DELIVERY? IF YES, NAME OF FACILITY INFANT TRANSFERRED TO: _____		57. IS INFANT LIVING AT TIME OF REPORT? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Infant transferred, status unknown		58. IS INFANT BEING BREASTFED AT DISCHARGE? <input type="checkbox"/> Yes <input type="checkbox"/> No		

APPENDIX G

STATE OF DELAWARE CERTIFICATE OF DEATH

**OFFICE OF VITAL
STATISTICS**

CERTIFICATE OF DEATH
State of Delaware
**DEPARTMENT OF HEALTH AND SOCIAL
SERVICES**

(107)

State File Number

To Be Completed/ Verified By: FUNERAL DIRECTOR	1. DECEDENT'S LEGAL NAME (Include AKA's if any) (First, Middle, Last)				2. SEX	3. SOCIAL SECURITY NUMBER
	4a. AGE-Last Birthday (Years)	4b. UNDER 1 YEAR Months Days	4c. UNDER 1 DAY Hours Minutes	5. DATE OF BIRTH (Mo/Day/Yr)	6. BIRTHPLACE (City and State or Foreign Country)	
	7a. RESIDENCE-STATE		7b. COUNTY		7c. CITY OR TOWN	
	7d. STREET AND NUMBER			7e. APT. NO.	7f. ZIP CODE	7g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No
	8. EVER IN US ARMED FORCES? <input type="checkbox"/> Yes <input type="checkbox"/> No		9. MARITAL STATUS AT TIME OF DEATH <input type="checkbox"/> Married <input type="checkbox"/> Widowed <input type="checkbox"/> Divorced <input type="checkbox"/> Never Married <input type="checkbox"/> Unknown		10. SURVIVING SPOUSE'S NAME (if wife, give name prior to first marriage)	
	11. FATHER'S NAME (First, Middle, Last)			12. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last)		
	13a. INFORMANT'S NAME		13b. RELATIONSHIP TO DECEDENT	13c. MAILING ADDRESS (Street and Number, City, State, Zip Code)		
	14. PLACE OF DEATH (Check only one; see instructions)					
	IF DEATH OCCURRED IN A HOSPITAL: <input type="checkbox"/> Inpatient <input type="checkbox"/> Emergency Room/Outpatient <input type="checkbox"/> Dead on Arrival			IF DEATH OCCURRED SOMEWHERE OTHER THAN A HOSPITAL: <input type="checkbox"/> Hospice facility <input type="checkbox"/> Nursing home/Long term care facility <input type="checkbox"/> Decedent's home <input type="checkbox"/> Other (Specify):		
	15. FACILITY NAME (If not institution, give street & number)			16. CITY OR TOWN, STATE, AND ZIP CODE		17. COUNTY OF DEATH
	18. METHOD OF DISPOSITION: <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Donation <input type="checkbox"/> Entombment <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify):		19. PLACE OF DISPOSITION (Name of cemetery, crematory, other place)			
	20. LOCATION-CITY, TOWN, AND STATE		21. NAME AND COMPLETE ADDRESS OF FUNERAL FACILITY			
	22. SIGNATURE OF FUNERAL SERVICE LICENSEE OR OTHER AGENT				23. LICENSE NUMBER (Of Licensee)	
	ITEMS 24-28 MUST BE COMPLETED BY PERSON WHO PRONOUNCES OR CERTIFIES DEATH			24. DATE PRONOUNCED DEAD (Mo/Day/Yr)		25. TIME PRONOUNCED DEAD
26. SIGNATURE OF PERSON PRONOUNCING DEATH (Only when applicable)			27. LICENSE NUMBER		28. DATE SIGNED (Mo/Day/Yr)	
29. ACTUAL OR PRESUMED DATE OF DEATH (Mo/Day/Yr) (Spell Month)		30. ACTUAL OR PRESUMED TIME OF DEATH		31. WAS MEDICAL EXAMINER CONTACTED?		
CAUSE OF DEATH (See instructions and examples)					Approximate interval: Onset to death	
32. PART I. Enter the <u>chain of events</u> --diseases, injuries, or complications--that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line. Add additional lines if necessary.						
IMMEDIATE CAUSE (Final disease or condition ----->)						
a. _____ Due to (or as a consequence of): _____						
Sequentially list conditions,						
b. _____ Due to (or as a consequence of): _____						
if any, leading to the cause listed on line a. Enter the UNDERLYING CAUSE						
c. _____ Due to (or as a consequence of): _____						
(disease or injury that initiated the events resulting in death) LAST						
d. _____						
PART II. Enter other <u>significant conditions contributing to death</u> but not resulting in the underlying cause given in PART I						
33. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown						
34. WERE AUTOPSY FINDINGS AVAILABLE TO COMPLETE THE CAUSE OF DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown						

APPENDIX G (cont.)

STATE OF DELAWARE CERTIFICATE OF DEATH

	35. DID TOBACCO USE CONTRIBUTE TO DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> Probably <input type="checkbox"/> No <input type="checkbox"/> Unknown	36. IF FEMALE: <input type="checkbox"/> Not pregnant within past year <input type="checkbox"/> Pregnant at time of death <input type="checkbox"/> Not pregnant, but pregnant within 42 days of death <input type="checkbox"/> Not pregnant, but pregnant 43 days to 1 year before death <input type="checkbox"/> Unknown if pregnant within the past year	37. MANNER OF DEATH <input type="checkbox"/> Natural <input type="checkbox"/> Homicide <input type="checkbox"/> Accident Investigation <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Suicide <input type="checkbox"/> Could not be determined	
	38. DATE OF INJURY (Mo/Day/Yr) (Spell Month)	39. TIME OF INJURY	40. PLACE OF INJURY (e.g., Decedent's home; construction site; restaurant; wooded area)	41. INJURY AT WORK? <input type="checkbox"/> Yes <input type="checkbox"/> No
	42. LOCATION OF INJURY: State:		City or Town:	
	Street & Number:		Apartment No.:	Zip Code:
	43. DESCRIBE HOW INJURY OCCURRED:			44. IF TRANSPORTATION INJURY, SPECIFY: <input type="checkbox"/> Driver/Operator <input type="checkbox"/> Passenger <input type="checkbox"/> Pedestrian <input type="checkbox"/> Other (Specify)
	45. CERTIFIER (Check only one): <input type="checkbox"/> Certifying physician-To the best of my knowledge, death occurred due to the cause(s) and manner stated. <input type="checkbox"/> Pronouncing & Certifying physician-To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner stated. <input type="checkbox"/> Medical Examiner-On the basis of examination, and/or investigation, in my opinion, death occurred at the time, date, and place, and due to the cause(s) and manner stated. Signature of certifier: _____			
	46. NAME, ADDRESS, AND ZIP CODE OF PERSON COMPLETING CAUSE OF DEATH (Item 32)			
	47. TITLE OF CERTIFIER	48. LICENSE NUMBER	49. DATE CERTIFIED (Mo/Day/Yr)	50. FOR REGISTRAR ONLY -DATE FILED (Mo/Day/Yr)
Amendmen t Code: Amendmen t Number: Date: User ID: DE Birth SFN:	51. DECEDENT'S EDUCATION-Check the box that best describes the highest degree or level of school completed at the time of death. <input type="checkbox"/> 8th grade or less <input type="checkbox"/> 9th - 12th grade; no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Professional Trade School <input type="checkbox"/> Some college credit, but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD) <input type="checkbox"/> Unknown			
	52. DECEDENT OF HISPANIC ORIGIN? Check the box that best describes whether the decedent is Spanish/Hispanic/Latino. Check the "No" box if decedent is not Spanish/Hispanic/Latino. <input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican, Mexican American, Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) <input type="checkbox"/> Unknown		53. DECEDENT'S RACE (Check one or more races to indicate what the decedent considered himself or herself to be) <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) <input type="checkbox"/> Native Hawaiian Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) <input type="checkbox"/> Other (Specify) : _____ <input type="checkbox"/> Unknown	
	54. DECEDENT'S USUAL OCCUPATION (Indicate type of work done during most of working life. DO NOT USE RETIRED.)			
	55. KIND OF BUSINESS/INDUSTRY			

APPENDIX H

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

STATE OF DELAWARE DEPARTMENT OF HEALTH AND SOCIAL SERVICES REPORT OF FETAL DEATH				(107) STATE FILE #
FETUS	1. NAME OF FETUS (optional-at the discretion of the parents)		2. TIME OF DELIVERY (24hr)	3. SEX (M/F/Unk)
	5a. CITY, TOWN, OR LOCATION OF DELIVERY		7. PLACE WHERE DELIVERY OCCURRED (Check one) <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) _____	
	5b. ZIP CODE OF DELIVERY		8. FACILITY NAME (if not institution, give street and number)	
	6. COUNTY OF DELIVERY		9. FACILITY ID: (NPI)	
MOTHER	10a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			10b. DATE OF BIRTH (Mo/Day/Yr)
	10c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)			10d. BIRTHPLACE (State, Territory, or Foreign Country)
	11a. RESIDENCE OF MOTHER-STATE		11b. COUNTY	11c. CITY, TOWN, OR LOCATION
	11d. STREET AND NUMBER		11e. APT. NO.	11f. ZIP CODE
			11g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No	
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	
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)		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		
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			
	17a. NAME OF CEMETARY OR CREMATORY		17b. LOCATION (CITY, TOWN, COUNTY) (STATE)	
MOTHER'S MEDICAL RECORD NO	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". Average number of cigarettes or packs of cigarettes smoked per day: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Three Months Before Pregnancy</td> <td style="width: 25%;"># of cigarettes</td> <td style="width: 25%;"># of packs</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td>_____ OR _____</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". Average number of cigarettes or packs of cigarettes smoked per day: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Three Months Before Pregnancy</td> <td style="width: 25%;"># of cigarettes</td> <td style="width: 25%;"># of packs</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> </table>	Three Months Before Pregnancy	# of cigarettes	# of packs	First Three Months of Pregnancy	_____ OR _____	_____ OR _____	Second Three Months of Pregnancy	_____ OR _____	_____ OR _____	Third Trimester of Pregnancy	_____ OR _____	_____ 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". Average number of cigarettes or packs of cigarettes smoked per day: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Three Months Before Pregnancy</td> <td style="width: 25%;"># of cigarettes</td> <td style="width: 25%;"># of packs</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td>_____ OR _____</td> <td>_____ OR _____</td> </tr> </table>	Three Months Before Pregnancy	# of cigarettes	# of packs	First Three Months of Pregnancy	_____ OR _____	_____ OR _____	Second Three Months of Pregnancy	_____ OR _____	_____ OR _____	Third Trimester of Pregnancy	_____ OR _____	_____ OR _____						
Three Months Before Pregnancy	# of cigarettes	# of packs																	
First Three Months of Pregnancy	_____ OR _____	_____ OR _____																	
Second Three Months of Pregnancy	_____ OR _____	_____ OR _____																	
Third Trimester of Pregnancy	_____ OR _____	_____ 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		9. FACILITY ID (NPI)
6. COUNTY OF DELIVERY		<input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____		
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)		13b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 13b)	
	Maternal Conditions/Diseases (Specify) _____		Maternal Conditions/Diseases (Specify) _____	
	Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other Specify _____		Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other Specify _____	
	Other Obstetrical or Pregnancy Complications (Specify) _____		Other Obstetrical or Pregnancy Complications (Specify) _____	
Fetal Anomaly (Specify) _____		Fetal Anomaly (Specify) _____		
Fetal Injury (Specify) _____		Fetal Injury (Specify) _____		
Fetal Infection (Specify) _____		Fetal Infection (Specify) _____		
Other Fetal Conditions/Disorders (Specify) _____		Other Fetal Conditions/Disorders (Specify) _____		
<input type="checkbox"/> Unknown		<input type="checkbox"/> Unknown		
13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)		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		
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) _____			
CERTIFIER AND REGISTRATION INFORMATION	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD SIGNATURE ➤		16b. DATE SIGNED	
	16c. MAILING ADDRESS			
MOTHER'S MEDICAL RECORD NO.	17a. NAME OF CEMETARY OR CREMATORY		17b. LOCATION (CITY, TOWN, COUNTY) (STATE)	
	18a. DATE RECEIVED BY REGISTRAR	18b. REGISTRAR'S SIGNATURE ➤	19. FUNERAL DIRECTOR'S SIGNATURE ➤	ADDRESS

APPENDIX H (cont.)

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

AUTHORITY FOR BURIAL, TRANSPORTATION AND REMOVAL	
This Burial-Transit Permit when completely filled in and bearing items 16a and 19, the signatures of the attending physician and the Funeral Director, becomes authority for Burial, Transportation and Removal of the above named Decedent.	
<i>This permit is not authority for cremation; separate authorization must be obtained.</i>	
CEMETARY OR CREMATORY SHALL FILL OUT SECTION BELOW	
The Decedent named above was buried <input type="checkbox"/> cremated <input type="checkbox"/> in the cemetery or crematory in item 17a.	
BURIAL WAS IN Section _____ Lot _____ Grave _____. The appropriate entry in the <input type="checkbox"/> Cemetery <input type="checkbox"/> Crematory registry has been made.	
Signature _____	_____
<small>Sexton or other person in charge</small>	<small>Date Signed</small>
<i>This Burial-Transit Permit must be signed above by the Cemetery or Crematory Authority. If no full time person is in charge of the cemetery, the Funeral Director may sign as Sexton. This Burial-Transit Permit is to be retained by the Manager, Superintendent, Caretaker, Sexton or other person in charge of Burial, Entombment or Cremation, or if none, then the Funeral Director.</i>	

REV. 04/2005

Sample

APPENDIX I

STATE OF DELAWARE CERTIFICATE OF MARRIAGE

1

CERTIFICATE OF MARRIAGE

State of Delaware

DIVISION OF PUBLIC HEALTH

STATE FILE NUMBER

OFFICE OF VITAL STATISTICS

LOCAL REGISTRAR'S NO.

LICENSE NO. **58801**

NO. LICENSE APPLICATION

PLACE LICENSE ISSUED

GROOM				BRIDE			
NAME		FIRST	MIDDLE	NAME		FIRST	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	NAME		FIRST	LAST
BIRTHPLACE (STATE OR FOREIGN COUNTRY)				BIRTHPLACE (STATE OR FOREIGN COUNTRY)			
MAIDEN NAME		FIRST	MIDDLE	MAIDEN NAME		FIRST	LAST
BIRTHPLACE (STATE OR FOREIGN COUNTRY)				BIRTHPLACE (STATE OR FOREIGN COUNTRY)			

I hereby certify that on the _____ day of _____, 19____, _____ M. 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 J

STATE OF DELAWARE CERTIFICATE OF DIVORCE OR ANNULMENT

CERTIFICATE OF DIVORCE OR ANNULMENT
State of Delaware
OFFICE OF VITAL STATISTICS DIVISION OF PUBLIC HEALTH

State File No. _____

TYPE/PRINT IN PERMANENT BLACK INK

HUSBAND	1. HUSBAND'S NAME (First, Middle, Last)		
	2a. RESIDENCE - STREET OR NUMBER, CITY		2b. COUNTY
	2c. STATE	ZIP	3. BIRTHPLACE (State or Foreign Country)
			4. DATE OF BIRTH (Month, Day, Year)
WIFE	5a. WIFE'S NAME (First, Middle, Last)		
	6a. RESIDENCE - STREET OR NUMBER, CITY		6b. COUNTY
	6c. STATE	ZIP	7. BIRTHPLACE (State or Foreign Country)
			8. DATE OF BIRTH (Month, Day, Year)
MARRIAGE	9a. PLACE OF THIS MARRIAGE - CITY, TOWN, OR LOCATION	9b. COUNTY	9c. STATE OR FOREIGN COUNTRY
	10. DATE OF THIS MARRIAGE (Month, Day, Year)		
	11. DATE COUPLE LAST RESIDED IN SAME HOUSEHOLD	12. NUMBER OF CHILDREN UNDER 18 IN THIS HOUSEHOLD AS OF THE DATE OF FILING THIS PETITION	13. PETITIONER () Husband () Wife () Both () Other (Specify) _____
ATTORNEY	14a. NAME OF PETITIONER'S ATTORNEY (Type/Print)		14b. ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)
DECREE	15. I CERTIFY THAT THE MARRIAGE OF THE NAMED PERSONS WAS DISSOLVED (Month, Day, Year)		16. TYPE OF DECREE - Divorce or Annulment (Specify)
	17. DATE RECORDED (Month, Day, Year)		
	18. NUMBER OF CHILDREN UNDER 18 WHOSE PHYSICAL CUSTODY WAS AWARDED TO: Husband _____ Wife _____ Joint (Husband/Wife) _____ Other _____ () No Children		19. COUNTY OF DECREE
	20. TITLE OF COURT		
21. SIGNATURE OF CERTIFYING OFFICIAL		22. TITLE OF CERTIFYING OFFICIAL	23. DATE SIGNED (Month, Day, Year)

STATE FILE COPY

ATTORNEY - Complete items 1-14b and 24-27 when filing petition and leave with Clerk of the Court.
CLERK OF THE COURT - After final decree complete item 15-23 and forward to:
Office of Vital Statistics, P.O. Box 637, DOVER, DELAWARE 19903

	24. Number of this Marriage - 1st, 2nd, etc. (Specify below)	25. If Previously Married			26. Race/American Indian, Black, White, etc. (Specify below)	27. Education (Specify highest grade completed)	
		Date of First Marriage (Mth./Day./Year)	Last Marriage Ended by Death, Divorce or Annulment (Specify below)	Last Marriage Ended on: (Mth./Day./Year)		Elementary/Secondary (0-12)	College (1-4 or 5+)
HUSBAND	24a.	25a.	25b.	25c.	26a.	27a.	
WIFE	24b.	25d.	25e.	25f.	26b.	27b.	

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.)

List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*—Con.

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision* (ICD-10); see Technical Notes]

Number ¹	Cause of death (based on ICD-10)
	Ischemic heart diseases (I20–I25)
52	Acute myocardial infarction (I21–I22)
53	Other acute ischemic heart diseases (I24)
	Other forms of chronic ischemic heart disease (I20, I25)
54	Atherosclerotic cardiovascular disease, so described (I25.0)
55	All other forms of chronic ischemic heart disease (I20, I25.1–I25.9)
	Other heart diseases (I26–I51)
56	Acute and subacute endocarditis (I33)
57	Diseases of pericardium and acute myocarditis (I30–I31, I40)
58	Heart failure (I50)
59	All other forms of heart disease (I26–I28, I34–I38, I42–I49, I51)
60#	Essential hypertension and hypertensive renal disease (I10, I12, I15)
61#	Cerebrovascular diseases (I60–I69)
62#	Atherosclerosis (I70)
	Other diseases of circulatory system (I71–I78)
63#	Aortic aneurysm and dissection (I71)
64	Other diseases of arteries, arterioles and capillaries (I72–I78)
65	Other disorders of circulatory system (I80–I99)
#	Influenza and pneumonia (J09–J18)
66	Influenza (J09–J11)
67	Pneumonia (J12–J18)
	Other acute lower respiratory infections (J20–J22, U04)
68#	Acute bronchitis and bronchiolitis (J20–J21)
69	Other and unspecified acute lower respiratory infection (J22, U04)
#	Chronic lower respiratory diseases (J40–J47)
70	Bronchitis, chronic and unspecified (J40–J42)
71	Emphysema (J43)
72	Asthma (J45–J46)
73	Other chronic lower respiratory diseases (J44, J47)
74#	Pneumoconioses and chemical effects (J60–J66, J68)
75#	Pneumonitis due to solids and liquids (J69)
76	Other diseases of respiratory system (J00–J06, J30–J39, J67, J70–J98)
77#	Peptic ulcer (K25–K28)
78#	Diseases of appendix (K35–K38)
79#	Hernia (K40–K46)
#	Chronic liver disease and cirrhosis (K70, K73–K74)
80	Alcoholic liver disease (K70)
81	Other chronic liver disease and cirrhosis (K73–K74)
82#	Cholelithiasis and other disorders of gallbladder (K80–K82)
#	Nephritis, nephrotic syndrome and nephrosis (N00–N07, N17–N19, N25–N27)
83	Acute and rapidly progressive nephritic and nephrotic syndrome (N00–N01, N04)
84	Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02–N03, N05–N07, N26)
85	Renal failure (N17–N19)
86	Other disorders of kidney (N25, N27)
87#	Infections of kidney (N10–N12, N13.6, N15.1)
88#	Hyperplasia of prostate (N40)
89#	Inflammatory diseases of female pelvic organs (N70–N76)
#	Pregnancy, childbirth and the puerperium (O00–O99)
90	Pregnancy with abortive outcome (O00–O07)
91	Other complications of pregnancy, childbirth and the puerperium (O10–O99)
92#	Certain conditions originating in the perinatal period (P00–P96)
93#	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)
94	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)
95	All other diseases (residual)
#	Accidents (unintentional injuries) (V01–X59, Y85–Y86)
	Transport accidents (V01–V99, Y85)
96	Motor vehicle accidents (V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2)
97	Other land transport accidents (V01, V05–V06, V09.1, V09.3–V09.9, V10–V11, V15–V18, V19.3, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V87.9, V88.9, V89.1, V89.3, V89.9)
98	Water, air and space, and other and unspecified transport accidents and their sequelae (V90–V99, Y85)

APPENDIX L (cont.)

Table A. List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*—Con.

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*; see Technical Notes]

Number ¹	Cause of death (based on ICD-10)
	Nontransport accidents (W00–X59,Y86)
99	Falls (W00–W19)
100	Accidental discharge of firearms (W32–W34)
101	Accidental drowning and submersion (W65–W74)
102	Accidental exposure to smoke, fire and flames (X00–X09)
103	Accidental poisoning and exposure to noxious substances (X40–X49)
104	Other and unspecified nontransport accidents and their sequelae (W20–W31,W35–W64,W75–W99,X10–X39,X50–X59,Y86)
#	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)
105	Intentional self-harm (suicide) by discharge of firearms (X72–X74)
106	Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60–X71,X75–X84,Y87.0)
#	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)
107	Assault (homicide) by discharge of firearms (*U01.4,X93–X95)
108	Assault (homicide) by other and unspecified means and their sequelae (*U01.0–*U01.3,*U01.5–*U01.9,*U02,X85–X92,X96–Y09,Y87.1)
109#	Legal intervention (Y35,Y89.0)
	Events of undetermined intent (Y10–Y34,Y87.2,Y89.9)
110	Discharge of firearms, undetermined intent (Y22–Y24)
111	Other and unspecified events of undetermined intent and their sequelae (Y10–Y21,Y25–Y34,Y87.2,Y89.9)
112#	Operations of war and their sequelae (Y36,Y89.1)
113#	Complications of medical and surgical care (Y40–Y84,Y88)
#	Enterocolitis due to <i>Clostridium difficile</i> (A04.7) ²

¹Causes labeled # are ranked to determine leading causes of death for specified population groups. Only mutually exclusive categories are numbered. ²Included in "Certain other intestinal infections (A04,A07–A09)" shown above.

Source: Heron M. *Deaths: Leading causes for 2014. National vital statistics reports;vol 65 no 5.*
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