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# DELAWARE VITAL STATISTICS ANNUAL REPORT 2015



*DELAWARE HEALTH AND SOCIAL SERVICES*

*Division of Public Health*

*A Nationally Accredited Health Department*

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**John Carney, Governor**  
State of Delaware

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

# **DELAWARE VITAL STATISTICS EXECUTIVE SUMMARY REPORT**

## **2015**

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

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

Karyl Thomas Rattay, MD, MS  
Director  
Division of Public Health  
Delaware Health and Social Services



**DELAWARE HEALTH AND SOCIAL SERVICES**  
**Division of Public Health**  
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## PREFACE

I am pleased to present the 2010 Vital Statistics Annual Report, issued by the Division of Public Health's Delaware Health Statistics Center.

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

The 2010 Delaware Vital Statistics Annual Report presents a wide variety of data and statistics that can assist us in this endeavor. Information in this report identifies racial differences, such as the large disparity between black and white mortality rates for HIV, homicide, diabetes, kidney disease, and hypertension. It presents health indicators such as life expectancy, the leading causes of death, teen birth rates, general fertility rates, and infant mortality rates; and it provides historical data that demonstrate movement over time.

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

Karyl Thomas Rattay MD, MS



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Director  
Delaware Division of Public Health



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### Questions or comments about this report may be directed to:

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

### Visit our website at:

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

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## EXECUTIVE SUMMARY

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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 inside or outside 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 1980's. The DHSC presents rates with stratifications of place of residence, age, marital status, race, ethnicity, gender, educational background, and (for mortality data) causes of death. Also included are highlights of Delaware's life expectancy, leading causes of death, and the most popular birth names.

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

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

- In 2015, 70 percent of single mothers who gave birth in Delaware had Medicaid as a principal source of payment for delivery.
- The percentage of live births by cesarean delivery increased from 31.5 percent in 2014 to 31.9 percent in 2015 moving Delaware from 23rd place to 20th place in the national ranking.
- Delaware residents born in 2015 can expect to live to 79 years of age.
- In Figure F-2, while alcohol-induced death rates remained fairly stable, drug-induced mortality rates continued their steady increase. Since 1990-1994, drug-induced mortality rates have risen 246 percent, with the increase reflected in both male and female death rates. Although female rates increased more than male rates, 360 versus 240 percent, in 2011-2015 the male drug-induced death rate was 63 percent higher than the female rate. Also notable in 2015, 85 percent of all drug-induced deaths were white decedents, 65 percent of those death were males.

Examining data such as highlighted here can provide a general overview of the health of Delawareans; provide an opportunity to generate and evaluate possible hypotheses about the possible determinants of diseases and health risks; and 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.

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## 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

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

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

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

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

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

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2015 SELECTED CHARACTERISTICS

Figure 1. Selected Characteristics: Delaware Vital Statistics Annual Report, 2015

Population			Fetal Deaths		
	Number*	Percent		Number*	Percent
<b>Delaware</b>	943,107	100.0%	<b>Delaware</b>	68	100.0%
<i>Kent</i>	171,924	18.2%	<i>Kent</i>	13	19.1%
<i>New Castle</i>	554,243	58.8%	<i>New Castle</i>	43	63.2%
<i>Sussex</i>	216,940	23.0%	<i>Sussex</i>	12	17.6%
Marriages			Race		
	Number*	5-yr Rate <sup>1</sup>		Number*	Percent
<b>Delaware</b>	5,404	5.9	<i>White</i>	30	44.1%
<i>Kent</i>	887	5.5	<i>Black</i>	32	47.1%
<i>New Castle</i>	2,688	5.0	<i>Hispanic Origin</i> <sup>4</sup>	68	100.0%
<i>Sussex</i>	1,829	8.5	Infant Mortality		
Divorces				Number*	5-yr Rate <sup>5</sup>
	Number*	5-yr Rate <sup>1</sup>	<b>Delaware</b>	100	7.7
<b>Delaware</b>	2,954	3.4	<i>Kent</i>	23	6.9
<i>Kent</i>	632	4.1	<i>New Castle</i>	54	8.6
<i>New Castle</i>	1,590	3.1	<i>Sussex</i>	23	5.8
<i>Sussex</i>	732	3.5	Race		
Live Births				Number*	5-yr Rate <sup>2</sup>
	Number*	5-yr Rate <sup>2</sup>	<i>White</i>	38	5.3
<b>Delaware</b>	11,147	62.9	<i>Black</i>	39	12.3
<i>Kent</i>	2,258	64.5	<i>Hispanic Origin</i> <sup>4</sup>	5	7.0
<i>New Castle</i>	6,585	60.0	Mortality		
<i>Sussex</i>	2,304	71.0		Number*	Adj. Rate <sup>6</sup>
<b>Births to Teenagers (15-19)</b>			<b>Delaware</b>	8,580	713.5
<i>White</i>	301	22.1	<i>Kent</i>	1,592	847.2
<i>Black</i>	215	37.1	<i>New Castle</i>	4,547	719.0
Delaware	540	24.8	<i>Sussex</i>	2,441	652.5
<i>Kent</i>	96	24.9	Race and Gender		
<i>New Castle</i>	291	21.7	<i>White Males</i>	3,523	792.3
<i>Sussex</i>	153	35.0	<i>White Females</i>	3,360	674.7
Race			<i>Black Males</i>	705	1,137.7
	Number*	Percent	<i>Black Females</i>	738	664.6
<i>White</i>	7,247	65.0%	Decedent's Age		
<i>Black</i>	3,069	27.5%		Number*	Percent
<i>Hispanic Origin</i> <sup>4</sup>	1,542	13.8%	<1	100	1.2%
Marital Status			1-14	22	0.3%
	Number*	Percent	15-24	90	1.0%
<i>Married</i>	5,983	53.7%	25-44	410	4.8%
<i>Single</i>	5,164	46.3%	45-64	1,662	19.4%
Births to Single Mothers <sup>3</sup>			65-74	1,605	18.7%
	Number*	Percent	75-84	2,097	24.4%
<i>White</i>	2,864	39.5%	85+	2,594	30.2%
<i>Black</i>	2,173	70.8%	Leading Causes of Death		
<i>Hispanic Origin</i> <sup>4</sup>	976	63.3%	<i>Malignant neoplasms</i>	2,011	23.4%
Low Birth Weight (<2,500 gms)			<i>Diseases of heart</i>	1,930	22.5%
	Number*	Percent	<i>Chronic lower respiratory diseases</i>	507	5.9%
All Races	1,036	9.3%	<i>Cerebrovascular diseases</i>	469	5.5%
<i>White</i>	557	7.7%	<i>Accidents (unintentional injuries)</i>	457	5.3%
<i>Black</i>	411	13.4%	<i>Dementia</i>	456	5.3%
<i>Hispanic Origin</i> <sup>4</sup>	133	8.6%			

Notes:

\* Numbers are for 2015.

1. The 5-year rate is per 1,000 population and refers to the period 2011-2015.

2. The 5-year rate refers to total live births per 1,000 women 15-44 years of age during the 2011-2015 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 2015.

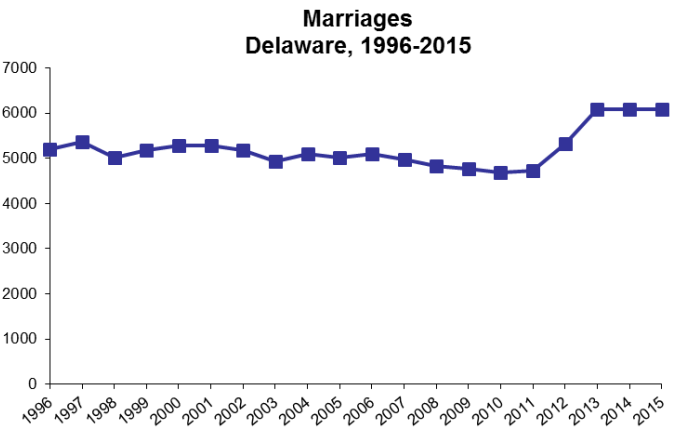
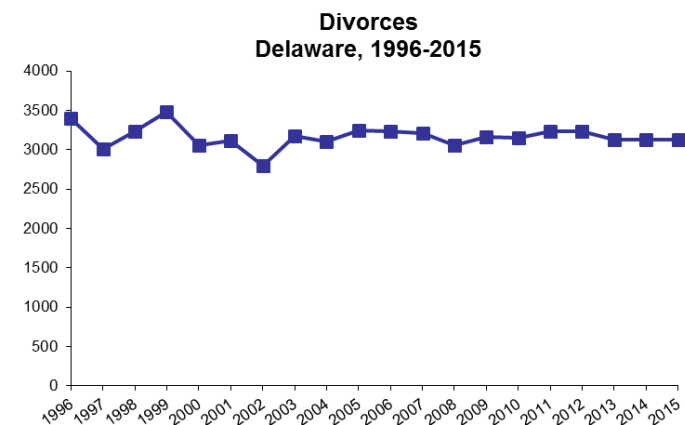
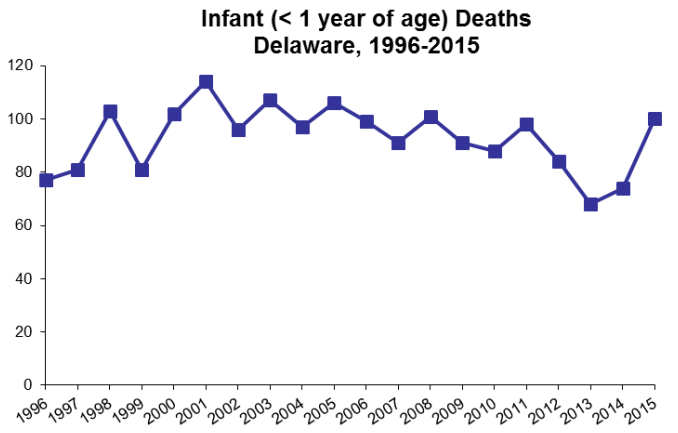
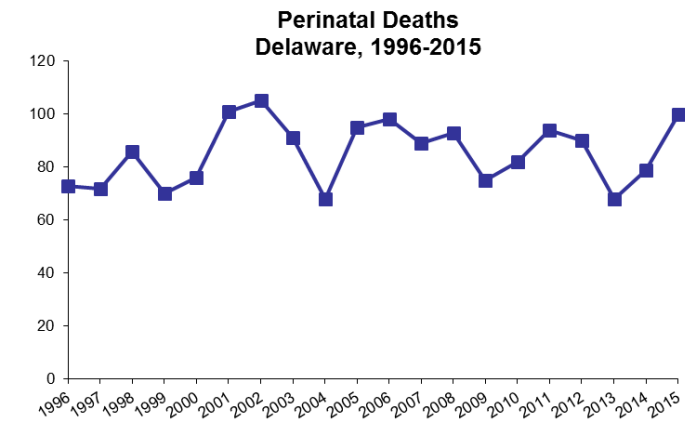
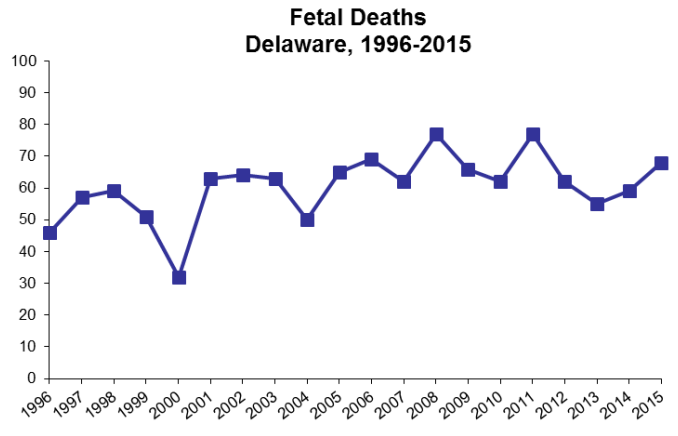
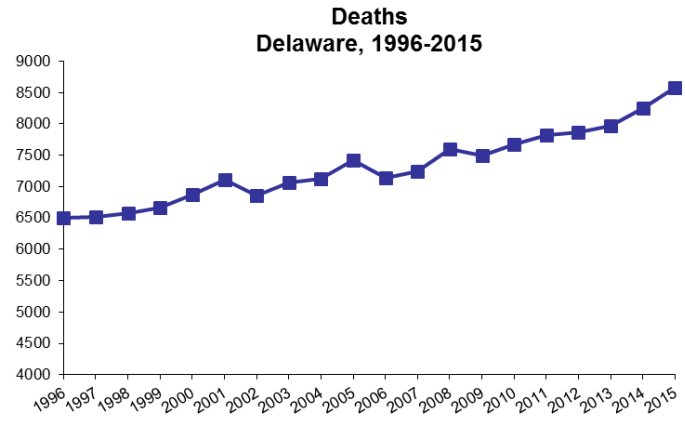
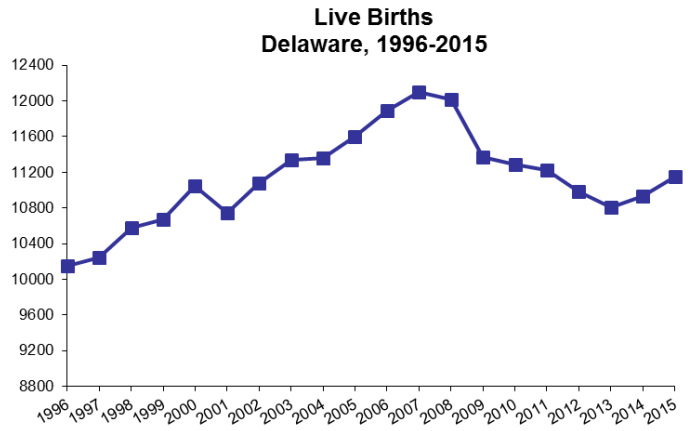
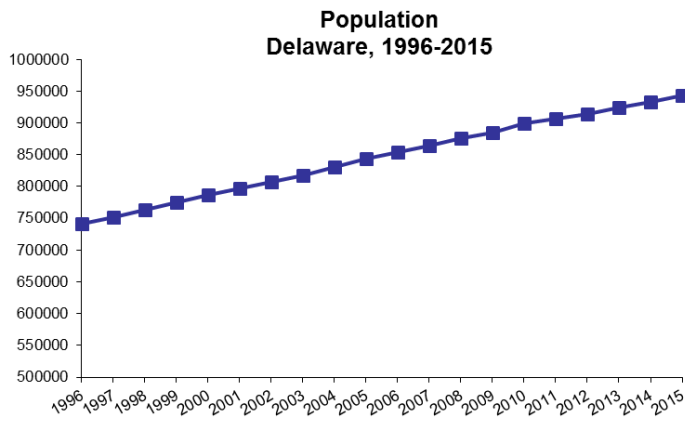
5. The 5-year (2011-2015) infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.

6. The 2015 mortality rates (deaths per 100,000 population) for Delaware and the counties are age-adjusted to the 2000 U.S. population.

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

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**Figure 2. Vital Statistics Trends, Delaware, 1996-2015**



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

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# Population

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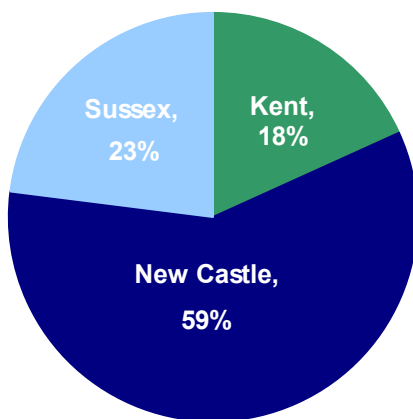
## POPULATION

Delaware's three counties continued their increasing population trend, though they grew at different rates. Between 2000 and 2015, county populations grew annually by 2.4 percent for Kent, 0.7 percent for New Castle, and 2.5 percent for Sussex. Delaware's statewide increase was 1.3 percent.

In 2015, just over half of Delaware's 65 and older population resided in New Castle County. However, residents 65 and older represented a much larger proportion of the Sussex County population, where one in four residents was 65 or older, versus New Castle and Kent counties, where approximately one in seven residents was 65 or older.

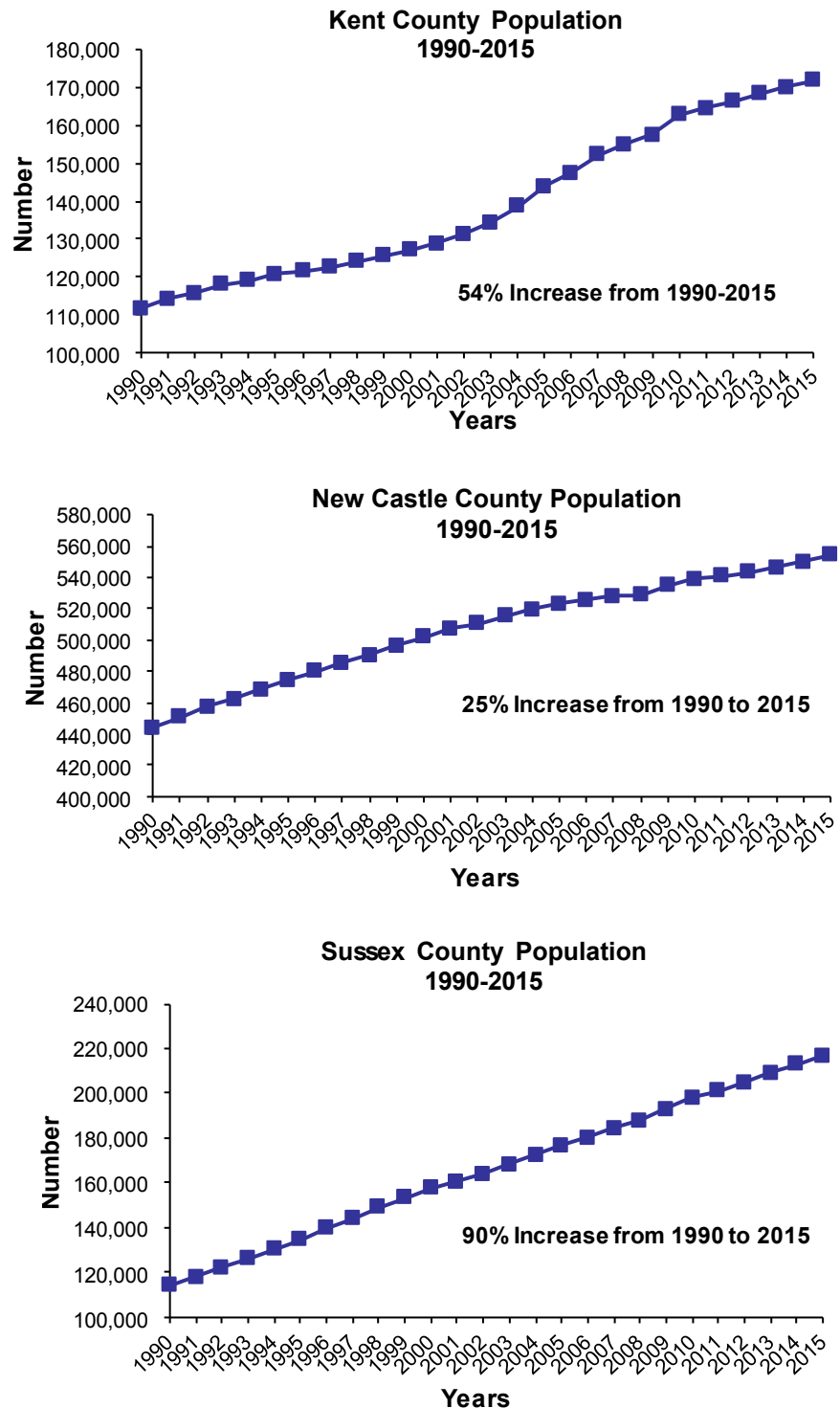
Over half of Delaware's total population resides in New Castle County.

**Figure 6. Percent of Population by County, Delaware, 2015**



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

**Figure 5. Delaware Resident Population by County, 1990-2015**

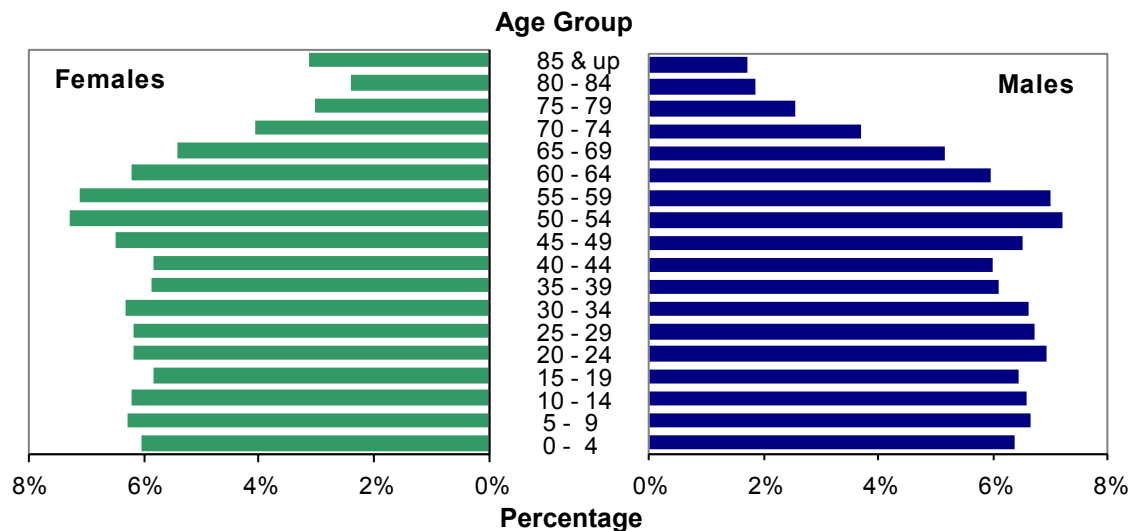


Source: Delaware Health and Social Services, Division of Public Health, Health Statistics Center

## POPULATION

In 2015 just over 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. In 2015, Delaware females could expect to live an average of 81.9 years versus males who could expect to live 76.5 years.

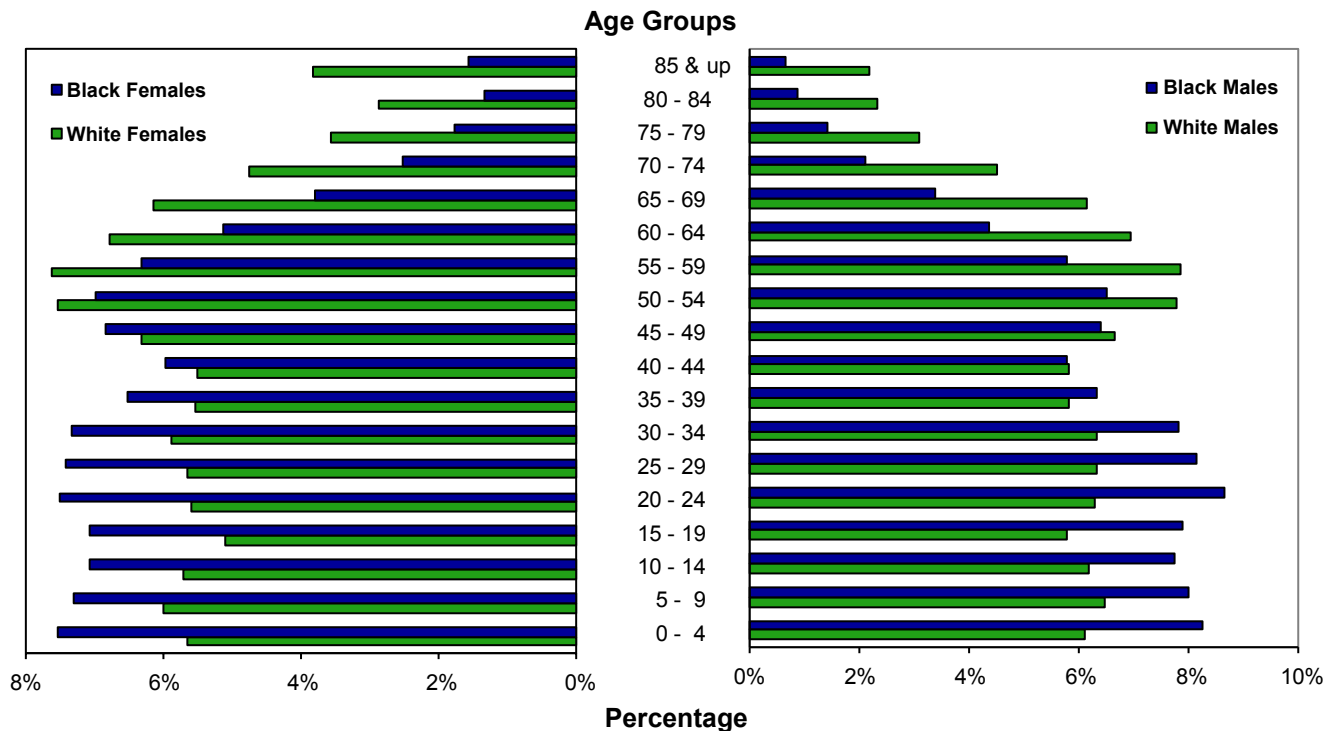
**Figure 3. Population by Gender and Age, Delaware, 2015**



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

When the population was broken down by race, the highest proportion of females in the older age groups appeared in the white population. However, both black males and females had a greater percentage of their population in the 0-39 year age range than whites males and females. In the 50 and above age range, whites made up a greater proportion of the population.

**Figure 4. Population by Gender and Race, Delaware, 2015**



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

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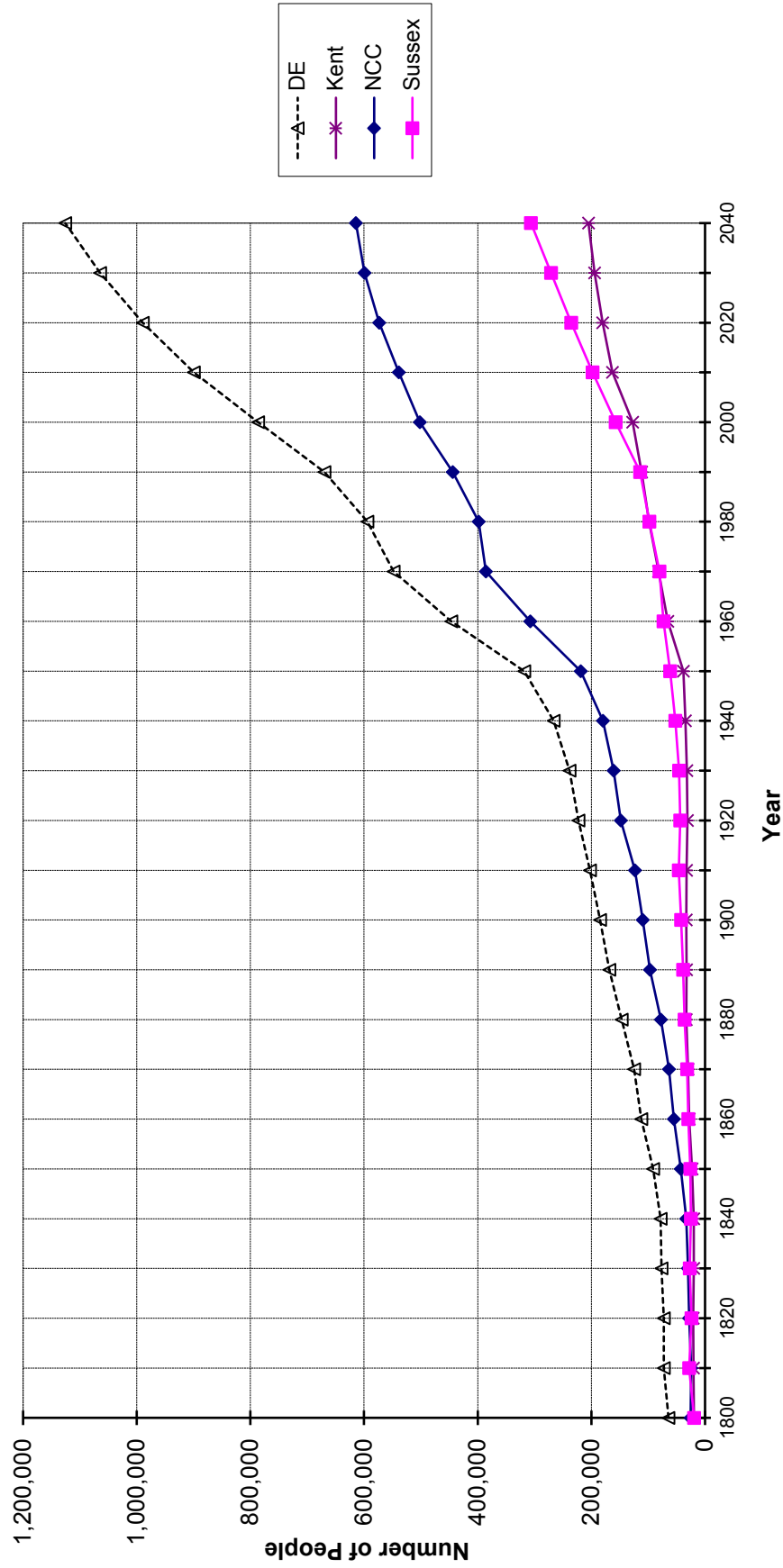
**TABLE A-1. PERCENT CHANGE IN POPULATION BY SEX, COUNTY, CITY OF DOVER, CITY OF NEWARK, CITY OF WILMINGTON, AND DELAWARE, 1970-2020**

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
<b>Delaware</b>												
Male	548104	594338	8.4	666168	12.1	786393	18.0	899773	14.4	989170	9.9	25.8
Female	267332	286599	7.2	322966	12.7	381690	18.2	437346	14.6	481410	10.1	26.1
	280772	307739	9.6	343202	11.5	404703	17.9	462427	14.3	507760	9.8	25.5
<b>Kent</b>												
Male	81892	98219	19.9	110993	13.0	127230	14.6	162916	28.0	180357	10.7	41.8
Female	41337	48254	16.7	54300	12.5	61325	12.9	78394	27.8	86714	10.6	41.4
	40555	49965	23.2	56693	13.5	65905	16.2	84522	28.2	93643	10.8	42.1
<b>Dover</b>												
Male	17488	23512	34.4	27630	17.5	32135	16.3	36063	12.2	40475	12.2	26.0
Female	8319	11695	40.6	13408	14.6	15114	12.7	16798	11.1	18606	10.8	23.1
	9169	11817	28.9	14222	20.4	17021	19.7	19266	13.2	21869	13.5	28.5
<b>New Castle</b>												
Male	385856	398115	3.2	441946	11.0	501846	13.6	538987	7.4	573239	6.4	14.2
Female	187124	191176	2.2	213869	11.9	243587	13.9	262091	7.6	278844	6.4	14.5
	198732	206939	4.1	228077	10.2	258259	13.2	276896	7.2	294395	6.3	14.0
<b>Newark</b>												
Male	20757	25247	21.6	26463	4.8	28457	7.5	31465	10.6	34790	10.6	22.3
Female	10242	11993	17.1	12408	3.5	13085	5.5	14695	12.3	16251	10.6	24.2
	10515	13254	26.0	14055	6.0	15372	9.4	16770	9.1	18539	10.5	20.6
<b>Wilmington</b>												
Male	80386	70195	-12.7	71529	1.9	72730	1.7	70839	-2.6	69634	-1.7	-4.3
Female	36968	31458	-14.9	33249	5.7	34759	4.5	34568	-0.5	34461	-0.3	-0.9
	43418	38737	-10.8	38280	-1.2	37971	-0.8	36271	-4.5	35173	-3.0	-7.4
<b>Sussex</b>												
Male	80356	98004	22.0	113229	15.5	157317	38.9	197870	25.8	235574	19.1	49.7
Female	38871	47169	21.3	54797	16.2	76778	40.1	96861	26.2	115852	19.6	50.9
	41485	50835	22.5	58432	14.9	80539	37.8	101009	25.4	119722	18.5	48.7

Note: \*Numbers for this year are projections.

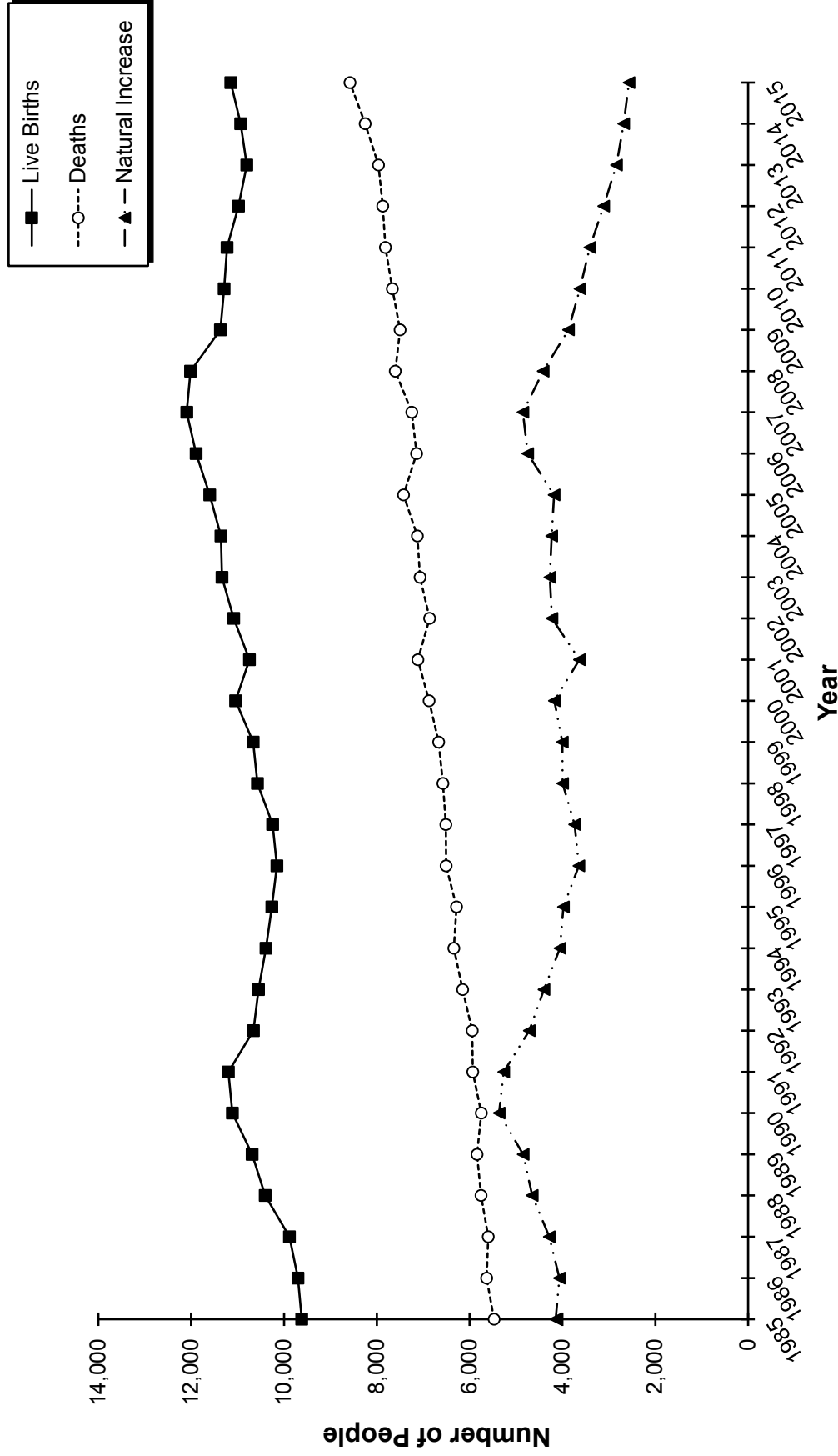
Sources: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center  
 Delaware Population Consortium  
 U.S. Bureau of the Census

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



Sources: Delaware 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, 1985-2015**



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

**TABLE A-2. POPULATION ESTIMATES BY SEX, RACE, AGE, COUNTY, CITY OF DOVER, CITY OF NEWARK, CITY OF WILMINGTON, AND DELAWARE, 2015**

Sex/Race	Total	Age																	
		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+
<b>Delaware</b>	943107	58545	60990	60279	57822	61793	60846	61013	56406	55640	61319	68546	66604	57444	49798	36562	26330	20226	22944
Male	458778	29227	30460	30182	29535	31760	30838	30415	27903	27419	29926	33139	32148	27339	23611	16877	11638	8532	7829
White	323748	19284	20404	19492	18206	19871	20019	19911	18398	18322	21020	24524	24830	21887	19350	14194	9744	7378	6914
Black	100333	8257	8001	7750	7907	8663	8161	7824	6360	5797	6401	6528	5802	4394	3384	2121	1416	884	683
Female	484329	29318	30530	30097	28287	30033	30008	30598	28503	28221	31393	35407	34456	30105	26187	19685	14692	11694	15115
White	341430	19316	20438	19514	17404	19114	19325	20087	18880	18821	21510	25703	25982	23163	20926	16179	12172	9843	13053
Black	110408	8323	8071	7814	7813	8271	8190	8080	7203	6594	7537	7720	6963	5669	4203	2781	1968	1481	1727
<b>Kent</b>	171924	11590	11627	11518	11432	12043	12442	12166	10692	9963	10970	12584	11641	9218	7939	5717	4235	3190	2957
Male	82710	5787	5803	5747	5763	6194	6251	5973	5212	4654	5311	5995	5519	4257	3690	2564	1775	1319	896
White	57291	3969	3972	3890	3713	4040	4130	3754	3309	3220	3783	4373	4105	3209	2794	1987	1351	1003	689
Black	20459	1623	1605	1585	1592	1791	1720	1882	1486	1029	1134	1198	1077	859	703	466	320	237	152
Female	89214	5803	5824	5771	5669	5849	6191	6193	5480	5309	5659	6589	6122	4961	4249	3153	2460	1871	2061
White	60782	3970	3975	3895	3583	3869	4112	3848	3214	3511	3911	4643	4363	3534	3102	2379	1883	1401	1589
Black	22753	1638	1623	1604	1665	1586	1698	2008	1877	1320	1327	1461	1361	1087	858	561	408	329	342
<b>New Castle</b>	554243	34217	36502	36494	35647	38270	36603	37312	36107	35098	38196	40499	38146	31946	26546	18726	12717	9626	11591
Male	289629	17066	18210	18230	18269	19601	18681	18471	17678	17487	18624	19714	18455	15071	12384	8481	5573	3888	3746
White	179672	10280	11384	11389	10737	11707	11531	11771	11550	11178	12472	13863	13511	11361	9506	6705	4338	3205	3184
Black	66889	5498	5272	5143	5268	5755	5346	4896	4086	4108	4477	4486	3983	3001	2313	1397	920	526	414
Female	284614	17701	18135	17441	18667	18667	16799	20537	16391	19403	20426	20674	18316	15835	12180	8714	6805	5797	7353
White	189285	10320	11440	11443	10176	11293	10828	12086	12251	11113	12570	14219	14010	12194	10644	7962	5531	4631	6574
Black	73698	5548	5320	5180	5181	5598	5363	5048	4541	4621	5346	5322	4735	3881	2840	1862	1287	926	1099
<b>Wilmington*</b>	70233	5535	5116	4827	4162	5168	5668	5553	4820	4649	4413	4393	4175	3563	2903	1967	1286	954	1081
Male	34544	2826	2623	2480	2182	2638	2858	2841	2517	2411	2248	2207	2005	1636	1248	795	465	303	261
White	12292	780	737	721	503	742	1095	1149	1013	1059	802	764	774	653	559	399	216	163	163
Black	19379	1791	1669	1566	1449	1606	1468	1377	1239	1159	1280	1312	1142	897	620	356	225	132	91
Female	35689	2709	2493	2347	1980	2530	2810	2712	2303	2238	2165	2186	2170	1927	1655	1172	821	651	820
White	11900	731	672	616	419	621	946	976	775	853	641	643	715	767	751	567	378	318	511
Black	21156	1730	1615	1553	1398	1646	1584	1456	1361	1197	1368	1415	1360	1062	832	556	410	317	296
<b>Sussex</b>	216940	12738	12861	12267	10743	11480	11801	11535	9607	10579	12153	15463	16817	16280	15313	12119	9378	7410	8396
Male	106439	6374	6447	6205	5503	5965	5906	5971	5013	5278	5991	7430	8174	8011	7537	5832	4290	3325	3187
White	86785	5035	5048	4213	3756	4124	4358	4386	3539	3924	4765	6288	7214	7317	7050	5502	4055	3170	3041
Black	12985	1136	1124	1022	1047	1117	1095	1046	788	660	790	844	742	534	368	258	176	121	117
Female	110501	6364	6414	6062	5240	5515	5895	5564	4594	5301	6162	8033	8643	8269	7776	6287	5088	4085	5209
White	91363	5026	5023	4176	3645	3952	4385	4153	3415	4197	5029	6841	7609	7435	7180	5838	4758	3811	4890
Black	13957	1137	1128	1030	967	1087	1129	1024	785	653	864	937	867	701	505	358	273	226	286

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

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# Marriage & Divorce



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## MARRIAGE AND DIVORCE

There were 5,404 marriages and 2,954 divorces in Delaware in 2015. Over half of all divorces in 2015 were of marriages that lasted less than 10 years.

### Marriage

#### Male

Youngest: 18  
Oldest: 90

#### Female

Youngest: 18  
Oldest: 89

Marriage with the greatest age difference between bride and groom: 40 years.  
Most popular month to get married: May.

### Divorce

#### Male

Youngest: 20  
Oldest: 87

#### Female

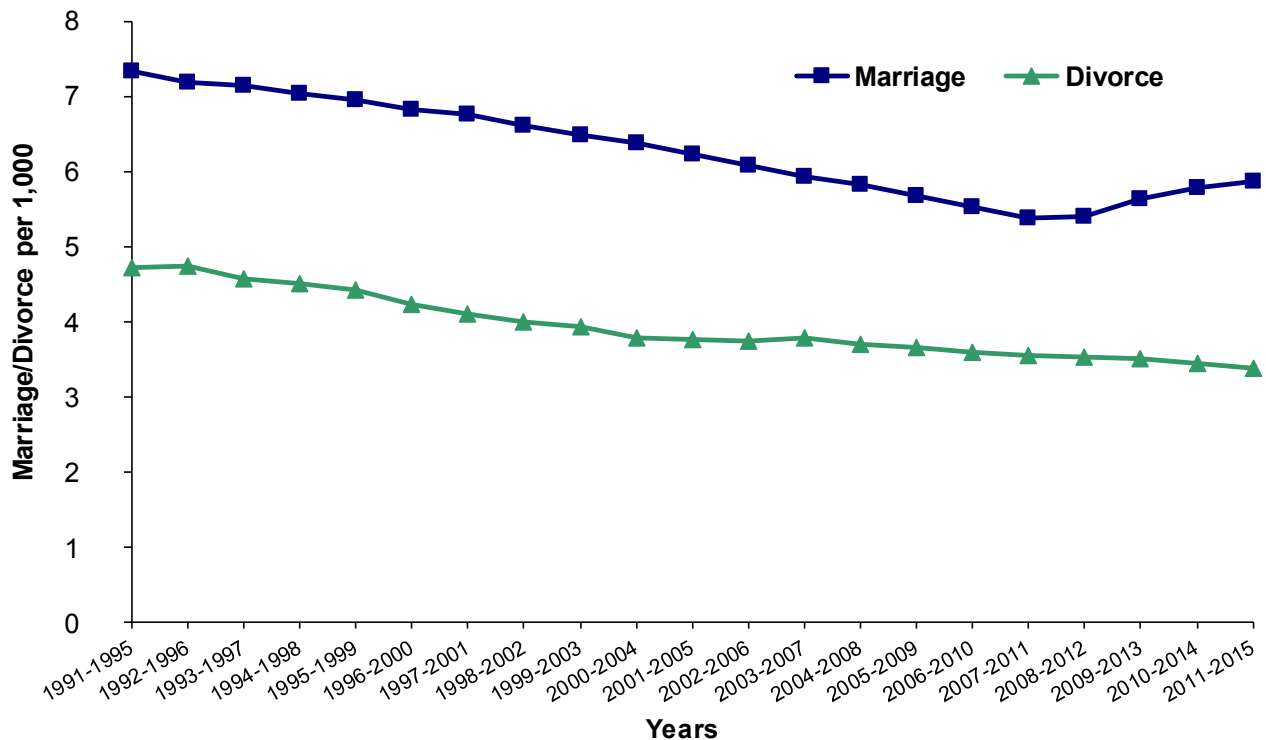
Youngest: 19  
Oldest: 87

Shortest duration of marriage: 69 days.  
Longest duration of marriage: 61 years.  
Median duration of marriage: 9 years.  
Total children under 18 years of age: 2,303.

Between 1991-1995 and 2011-2015, the five-year average marriage rate decreased from 7.3 to 5.9 marriages per 1,000 population.

Divorce rates remained fairly stable between 1991-1995 and 1992-1996. Since 1992-1996, divorce rates declined 28 percent to 3.4 divorces per 1,000 population in 2011-2015.

**Figure 7. Five-year Average Marriage and Divorce Rates, per 1,000 Population, Delaware, 1991-2015**



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

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**TABLE B-1. NUMBER OF MARRIAGES BY PLACE OF CEREMONY BY COUNTY, U.S., DELAWARE, 1995-2015**

Year	U.S.	Delaware	Kent	New Castle	Sussex
1995	2336000	5378	1019	3216	1143
1996	2344000	5209	980	3081	1148
1997	2384000	5372	1017	3154	1201
1998	2244000	5023	937	2951	1135
1999	2358000	5188	929	3011	1248
2000	2315000	5292	957	3117	1218
2001	2326000	5279	963	3118	1198
2002	2290000	5171	1015	2899	1257
2003	2245000	4923	923	2784	1216
2004	2279000	5088	998	2801	1289
2005	2249000	5018	973	2726	1319
2006	2193000	5105	993	2754	1358
2007	2197000	4970	944	2670	1356
2008	2157000	4828	984	2429	1415
2009	2080000	4772	930	2491	1351
2010	2096000	4677	908	2384	1385
2011	2118000	4727	927	2421	1379
2012	2131000	5314	932	2701	1681
2013	2081301	6086	972	3007	2107
2014	2140272	5633	946	2759	1928
2015	2221579	5404	887	2688	1829

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, 1995-2015**

Years	U.S.	Delaware	Kent	New Castle	Sussex
1995-1999	8.7	7.0	7.9	6.4	8.2
1996-2000	8.6	6.8	7.8	6.2	8.0
1997-2001	8.4	6.8	7.6	6.2	7.9
1998-2002	8.3	6.6	7.5	6.0	7.7
1999-2003	8.1	6.5	7.4	5.9	7.6
2000-2004	8.0	6.4	7.3	5.8	7.5
2001-2005	7.8	6.2	7.2	5.6	7.4
2002-2006	7.7	6.1	7.0	5.4	7.4
2003-2007	7.6	5.9	6.7	5.3	7.4
2004-2008	7.4	5.8	6.6	5.1	7.4
2005-2009	7.2	5.7	6.3	4.9	7.3
2006-2010	7.1	5.5	6.1	4.8	7.2
2007-2011	6.9	5.4	5.9	4.6	7.1
2008-2012	6.8	5.4	5.8	4.6	7.3
2009-2013	6.7	5.6	5.7	4.8	7.8
2010-2014	6.7	5.8	5.6	4.9	8.3
2011-2015	6.8	5.9	5.5	5.0	8.5

Note: U.S. rates are based on NCHS estimate.  
Sources: National Center for Health Statistics  
Delaware 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, 2015**

Race of Groom	Race of bride									
	White		Black		American Indian		Asian/Pacific Islander		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
White	3638	91.5	80	8.5	6	30.0	66	41.0	76	24.3
Black	221	5.6	844	90.2	0	0.0	9	5.6	30	9.6
American Indian	10	0.3	0	0.0	14	70.0	0	0.0	0	0.0
Asian/Pacific Islander	23	0.6	2	0.2	0	0.0	82	50.9	2	0.6
Other/Unknown	82	2.1	10	1.1	0	0.0	4	2.5	205	65.5

*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 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, 2015**

Previous Marital Status	Race					
	All Races		White		Black	
	Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>						
Single	3697	68.4	2620	67.8	709	64.2
Widowed	87	1.6	62	1.6	22	2.0
Divorced	1620	30.0	1184	30.6	373	33.8
<b>Bride</b>						
Single	3747	69.3	2725	68.6	640	68.4
Widowed	79	1.5	64	1.6	10	1.1
Divorced	1578	29.2	1185	29.8	286	30.6

*Notes:*

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

*Source: Delaware 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, 2015**

Marriage Order	Type of Ceremony	Race					
		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>							
First Marriage	Civil	2636	71.3	2007	76.6	429	60.5
	Religious	1061	28.7	613	23.4	280	39.5
Remarriage	Civil	1146	67.1	866	69.5	249	63.0
	Religious	561	32.9	380	30.5	146	37.0
<b>Bride</b>							
First Marriage	Civil	2686	71.7	2089	76.7	399	62.3
	Religious	1061	28.3	636	23.3	241	37.7
Remarriage	Civil	1096	66.1	849	68.0	182	61.5
	Religious	561	33.9	400	32.0	114	38.5

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

**TABLE B-6. MEDIAN AND MEAN AGE OF BRIDE AND GROOM BY MARRIAGE ORDER AND RACE, DELAWARE, 2015**

Marriage Order	Race					
	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Groom</b>						
First Marriage	30	32	29	31	31	33
Remarriage	47	48	48	48	47	47
<b>Bride</b>						
First Marriage	28	30	28	30	30	32
Remarriage	45	45	45	46	45	45

*Note: "All Races" includes "Other" and "Unknown" race categories.*

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

**TABLE B-7. NUMBER AND PERCENT OF MARRIAGES BY MARRIAGE ORDER, AGE, AND RACE OF BRIDE AND GROOM, DELAWARE, 2015**

Marriage Order	Age	Race					
		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>							
All Marriages	<20	39	0.7	30	0.8	5	0.5
	20-29	1865	34.5	1396	36.1	287	26.0
	30-39	1705	31.6	1175	30.4	361	32.7
	40-49	830	15.4	543	14.0	230	20.8
	50-64	775	14.3	563	14.6	192	17.4
	65+	190	3.5	159	4.1	29	2.6
	Unk	0	0.0	0	0.0	0	0.0
First Marriage	<20	39	1.1	30	1.1	5	0.7
	20-29	1795	48.6	1341	51.2	277	39.1
	30-39	1327	35.9	907	34.6	274	38.6
	40-49	307	8.3	175	6.7	97	13.7
	50-64	200	5.4	143	5.5	52	7.3
	65+	29	0.8	24	0.9	4	0.6
	Unk	0	0.0	0	0.0	0	0.0
Remarriage	<20	0	0.0	0	0.0	0	0.0
	20-29	70	4.1	55	4.4	10	2.5
	30-39	378	22.1	268	21.5	87	22.0
	40-49	523	30.6	368	29.5	133	33.7
	50-64	575	33.7	420	33.7	140	35.4
	65+	161	9.4	135	10.8	25	6.3
	Unk	0	0.0	0	0.0	0	0.0
<b>Bride</b>							
All Marriages	<20	105	1.9	78	2.0	18	1.9
	20-29	2261	41.8	1736	43.7	297	31.7
	30-39	1532	28.3	1061	26.7	309	33.0
	40-49	750	13.9	516	13.0	170	18.2
	50-64	628	11.6	471	11.9	131	14.0
	65+	128	2.4	112	2.8	11	1.2
	Unk	0	0.0	0	0.0	0	0.0
First Marriage	<20	105	2.8	78	2.9	18	2.8
	20-29	2137	57.0	1643	60.3	279	43.6
	30-39	1099	29.3	739	27.1	231	36.1
	40-49	237	6.3	142	5.2	73	11.4
	50-64	145	3.9	103	3.8	37	5.8
	65+	24	0.6	20	0.7	2	0.3
	Unk	0	0.0	0	0.0	0	0.0
Remarriage	<20	0	0.0	0	0.0	0	0.0
	20-29	124	7.5	93	7.4	18	6.1
	30-39	433	26.1	322	25.8	78	26.4
	40-49	513	31.0	374	29.9	97	32.8
	50-64	483	29.1	368	29.5	94	31.8
	65+	104	6.3	92	7.4	9	3.0
	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 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 AGE OF GROOM, DELAWARE, 2015**

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	27	12	0	0	0	0	0	0	0	0	0	0	0	0
<20	75	1452	130	6	0	0	0	0	0	0	0	0	0	0
20-29	1	470	619	29	4	0	0	0	0	0	0	0	0	0
30-39	0	23	94	61	12	1	0	0	0	0	0	0	0	0
40-49	0	0	11	23	71	6	0	0	0	0	0	0	0	0
50-64	0	0	1	1	6	10	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remarriage	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<20	2	41	8	1	0	0	0	0	0	0	0	0	0	0
20-29	0	107	108	17	2	0	0	0	0	0	0	0	0	0
30-39	0	25	104	43	9	1	0	0	0	0	0	0	0	0
40-49	0	7	21	53	33	1	0	0	0	0	0	0	0	0
50-64	0	0	3	3	8	5	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Delaware 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, 2015**

Month	Number	Percent
January	206	3.8
February	227	4.2
March	255	4.7
April	384	7.1
May	691	12.8
June	596	11.0
July	470	8.7
August	536	9.9
September	682	12.6
October	685	12.7
November	337	6.2
December	335	6.2
Total	5404	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 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, 2015**

Day	Number	Percent
Sunday	380	7.0
Monday	165	3.1
Tuesday	238	4.4
Wednesday	871	16.1
Thursday	270	5.0
Friday	803	14.9
Saturday	2677	49.5
Total	5404	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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

**TABLE B-11. NUMBER OF DIVORCES/ANNULMENTS\* BY PLACE OF DECREE BY COUNTY, DELAWARE, 1995-2015**

Year	Delaware	Kent	New Castle	Sussex
1995	3509	798	2003	708
1996	3405	712	1970	723
1997	3009	647	1700	662
1998	3233	652	1984	597
1999	3482	801	2008	673
2000	3060	674	1808	578
2001	3114	666	1657	791
2002	2792	714	1392	686
2003	3178	673	1834	671
2004	3108	701	1744	663
2005	3250	708	1753	789
2006	3239	673	1836	730
2007	3215	721	1771	723
2008	3057	704	1753	600
2009	3169	694	1795	680
2010	3152	690	1771	691
2011	3230	706	1766	758
2012	3239	742	1843	654
2013	3133	729	1607	797
2014	3047	659	1717	671
2015	2954	632	1590	732

Note:\*Annulments represent less than 0.3% of the totals.

Source: Delaware 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, 1995-2015**

Years	Delaware	Kent	New Castle	Sussex
1995-1999	4.4	5.9	4.0	4.7
1996-2000	4.2	5.6	3.9	4.4
1997-2001	4.1	5.5	3.7	4.3
1998-2002	4.0	5.5	3.5	4.2
1999-2003	3.9	5.4	3.4	4.2
2000-2004	3.8	5.2	3.3	4.1
2001-2005	3.8	5.1	3.3	4.3
2002-2006	3.7	5.0	3.3	4.1
2003-2007	3.8	4.8	3.4	4.0
2004-2008	3.7	4.7	3.4	3.8
2005-2009	3.7	4.6	3.4	3.8
2006-2010	3.6	4.4	3.3	3.6
2007-2011	3.6	4.4	3.3	3.5
2008-2012	3.5	4.4	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

Note:\*Annulments represent less than 0.3% of the totals.

Source: Delaware 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, 2015**

Race of Husband	Race of Wife								
	White	Black	American Indian	Chinese	Hawaiian	Filipino	Other Asian	Other Race	Not Classifiable
White	1919	39	7	7	0	8	16	12	7
Black	87	654	3	0	0	4	3	13	5
American Indian	6	1	1	0	0	0	0	1	0
Chinese	1	0	0	12	0	1	0	0	0
Hawaiian	2	0	0	0	0	0	0	0	0
Filipino	2	0	0	0	0	4	1	0	0
Other Asian	8	2	0	0	0	1	30	0	0
Other Race	26	7	1	1	0	0	1	18	2
Not Classifiable	8	6	0	0	0	0	1	2	24

Notes:

\*Annulments represent less than 0.3% of the totals.

Source: Delaware 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, 2015**

Number of Marriage	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Husband</b>						
All Marriages	43	44	43	44	43	44
First Marriage	39	40	39	40	41	41
Second Marriage	49	49	49	50	47	49
Third Marriage+	54	55	54	55	55	57
Not Stated	46	45	46	45	46	46
<b>Wife</b>						
All Marriages	40	41	41	41	41	42
First Marriage	37	38	37	38	38	39
Second Marriage	46	46	46	46	43	45
Third Marriage+	52	53	52	53	52	53
Not Stated	42	42	41	43	42	42

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 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, 2015**

Marriage Order	Age	Husband's Race				Wife's Race						
		All Races		Black		All Races		White		Black		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
All Marriages	<20	0	0.0	0	0.0	2	0.1	1	0.0	0	0.0	
	20-29	302	10.2	209	10.4	423	14.3	318	15.4	74	10.4	
	30-39	840	28.4	579	28.7	928	31.4	628	30.5	238	33.6	
	40-49	912	30.9	607	30.1	863	29.2	585	28.4	224	31.6	
	50-64	699	23.7	495	24.6	546	18.5	401	19.5	123	17.3	
	65+	135	4.6	98	4.9	93	3.1	70	3.4	16	2.3	
	Unk	66	2.2	27	1.3	99	3.4	56	2.7	34	4.8	
	<20	0	0.0	0	0.0	2	0.1	1	0.1	0	0.0	
	20-29	289	14.7	200	14.9	372	19.6	281	21.0	64	14.5	
	30-39	679	34.6	468	34.9	708	37.3	490	36.6	172	39.0	
First Marriage	40-49	608	31.0	413	30.8	505	26.6	347	25.9	128	29.0	
	50-64	321	16.4	226	16.9	238	12.5	176	13.1	56	12.7	
	65+	33	1.7	23	1.7	16	0.8	11	0.8	3	0.7	
	Unk	30	1.5	11	0.8	58	3.1	33	2.5	18	4.1	
	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
	20-29	9	1.3	7	1.5	29	4.4	25	5.3	4	2.6	
	30-39	126	18.4	89	18.6	154	23.2	101	21.4	44	28.4	
	40-49	221	32.3	143	29.9	242	36.4	170	35.9	61	39.4	
	50-64	246	35.9	183	38.3	184	27.7	138	29.2	34	21.9	
	65+	65	9.5	48	10.0	39	5.9	28	5.9	6	3.9	
Second Marriage	Unk	18	2.6	8	1.7	17	2.6	11	2.3	6	3.9	
	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
	20-29	0	0.0	0	0.0	1	0.5	1	0.6	0	0.0	
	30-39	11	5.4	10	6.7	18	8.5	14	8.6	3	6.8	
	40-49	48	23.5	35	23.3	63	29.9	50	30.7	11	25.0	
	50-64	103	50.5	76	50.7	88	41.7	65	39.9	22	50.0	
	65+	35	17.2	26	17.3	34	16.1	28	17.2	6	13.6	
	Unk	7	3.4	3	2.0	7	3.3	5	3.1	2	4.5	
	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
	20-29	4	3.8	2	4.3	21	11.7	11	13.1	6	8.7	
Third Marriage and more	30-39	24	22.9	12	26.1	48	26.8	23	27.4	19	27.5	
	40-49	35	33.3	16	34.8	53	29.6	18	21.4	24	34.8	
	50-64	29	27.6	10	21.7	36	20.1	22	26.2	11	15.9	
	65+	2	1.9	1	2.2	4	2.2	3	3.6	1	1.4	
	Unk	11	10.5	5	10.9	17	9.5	7	8.3	8	11.6	
	Not Stated	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
		20-29	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
		30-39	4	3.8	2	4.3	21	11.7	11	13.1	6	8.7
		40-49	24	22.9	12	26.1	48	26.8	23	27.4	19	27.5
		50-64	35	33.3	16	34.8	53	29.6	18	21.4	24	34.8
65+		2	1.9	1	2.2	4	2.2	3	3.6	1	1.4	
Unk		11	10.5	5	10.9	17	9.5	7	8.3	8	11.6	

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 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, 2015**

Number of Marriage	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Husband</b>						
All Marriages	8.9	11.6	9.8	12.4	7.7	9.8
First Marriage	9.3	12.2	10.1	13.0	7.9	10.4
Second Marriage	8.7	10.7	9.8	11.6	7.1	8.8
Third Marriage+	5.8	8.3	6.6	8.9	3.5	6.3
Not Stated	10.3	11.7	12.1	13.0	8.0	10.9
<b>Wife</b>						
All Marriages	8.9	11.6	9.7	12.2	7.5	9.7
First Marriage	9.5	12.4	10.2	13.0	8.6	10.8
Second Marriage	8.2	10.3	8.9	11.0	6.7	8.0
Third Marriage+	7.0	8.6	8.2	9.3	5.2	6.4
Not Stated	8.3	10.9	9.1	11.9	7.0	9.4

*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 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, 2015**

Marriage Order	Duration of this Marriage	Husband's Race						Wife's Race					
		All Races		White		Black		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Marriages	<1	69	2.3	37	1.8	28	3.6	69	2.3	39	1.9	28	3.9
	1-4	738	25.0	482	23.9	200	26.0	738	25.0	507	24.6	186	26.2
	5-9	779	26.4	491	24.4	246	32.0	779	26.4	502	24.4	222	31.3
	10-14	480	16.2	335	16.6	120	15.6	480	16.2	345	16.8	106	15.0
	15-19	347	11.7	253	12.6	80	10.4	347	11.7	250	12.1	78	11.0
	20-24	211	7.1	166	8.2	37	4.8	211	7.1	164	8.0	36	5.1
	25-29	137	4.6	104	5.2	24	3.1	137	4.6	102	5.0	23	3.2
	30+	140	4.7	120	6.0	15	2.0	140	4.7	122	5.9	11	1.6
First Marriage	Not Stated	53	1.8	27	1.3	19	2.5	53	1.8	28	1.4	19	2.7
	<1	33	1.7	19	1.4	12	2.4	30	1.6	18	1.3	11	2.5
	1-4	463	23.6	307	22.9	117	23.8	449	23.6	318	23.7	103	23.4
	5-9	531	27.1	333	24.8	164	33.3	492	25.9	316	23.6	136	30.8
	10-14	305	15.6	209	15.6	78	15.9	306	16.1	218	16.3	71	16.1
	15-19	232	11.8	166	12.4	55	11.2	226	11.9	157	11.7	55	12.5
	20-24	149	7.6	121	9.0	23	4.7	146	7.7	115	8.6	26	5.9
	25-29	110	5.6	81	6.0	20	4.1	109	5.7	82	6.1	20	4.5
Second Marriage	30+	108	5.5	92	6.9	11	2.2	112	5.9	98	7.3	9	2.0
	Not Stated	29	1.5	13	1.0	12	2.4	29	1.5	17	1.3	10	2.3
	<1	24	3.5	16	3.3	6	3.3	20	3.0	14	3.0	6	3.9
	1-4	172	25.1	109	22.8	52	28.9	173	26.0	113	23.9	51	32.9
	5-9	180	26.3	115	24.1	59	32.8	191	28.7	128	27.1	54	34.8
	10-14	121	17.7	90	18.8	28	15.6	111	16.7	84	17.8	20	12.9
	15-19	85	12.4	64	13.4	20	11.1	85	12.8	69	14.6	14	9.0
	20-24	41	6.0	34	7.1	5	2.8	41	6.2	34	7.2	4	2.6
Third Marriage and more	25-29	19	2.8	16	3.3	3	1.7	18	2.7	12	2.5	2	1.3
	30+	26	3.8	24	5.0	2	1.1	16	2.4	14	3.0	1	0.6
	Not Stated	17	2.5	10	2.1	5	2.8	10	1.5	5	1.1	3	1.9
	<1	10	4.9	2	1.3	8	16.0	11	5.2	5	3.1	6	13.6
	1-4	78	38.2	55	36.7	21	42.0	75	35.5	57	35.0	16	36.4
	5-9	44	21.6	36	24.0	7	14.0	46	21.8	31	19.0	13	29.5
	10-14	29	14.2	23	15.3	6	12.0	34	16.1	30	18.4	4	9.1
	15-19	20	9.8	16	10.7	4	8.0	25	11.8	20	12.3	5	11.4
Not Stated	20-24	12	5.9	10	6.7	1	2.0	10	4.7	10	6.1	0	0.0
	25-29	6	2.9	5	3.3	1	2.0	3	1.4	3	1.8	0	0.0
	30+	0	0.0	0	0.0	0	0.0	3	1.4	3	1.8	0	0.0
	Not Stated	5	2.5	3	2.0	2	4.0	4	1.9	4	2.5	0	0.0
	<1	2	1.9	0	0.0	2	4.3	8	3.8	2	2.4	5	7.2
	1-4	25	23.8	11	23.9	10	21.3	41	19.4	19	22.6	16	23.2
	5-9	24	22.9	7	15.2	16	34.0	50	23.7	27	32.1	19	27.5
	10-14	25	23.8	13	28.3	8	17.0	29	13.7	13	15.5	11	15.9
15-19	10	9.5	7	15.2	1	2.1	11	5.2	4	4.8	4	5.8	
20-24	9	8.6	1	2.2	8	17.0	14	6.6	5	6.0	6	8.7	
25-29	2	1.9	2	4.3	0	0.0	7	3.3	5	6.0	1	1.4	
30+	6	5.7	4	8.7	2	4.3	9	4.3	7	8.3	1	1.4	
Not Stated	2	1.9	1	2.2	0	0.0	10	4.7	2	2.4	6	8.7	

- 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 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, 2015**

Number of Children Under 18	Race							
	All Races		White		Black		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Husband</b>	2954	100.0	2015	100.0	769	100.0	170	100.0
None	1586	53.7	1046	51.9	447	58.1	93	54.7
1	556	18.8	401	19.9	127	16.5	28	16.5
2	506	17.1	390	19.4	92	12.0	24	14.1
3	175	5.9	110	5.5	56	7.3	9	5.3
4	38	1.3	18	0.9	16	2.1	4	2.4
5+	11	0.4	4	0.2	5	0.7	2	1.2
Unknown	82	2.8	46	2.3	26	3.4	10	5.9
<b>Wife</b>	2954	100.0	2059	100.0	709	100.0	186	100.0
None	1586	53.7	1069	51.9	413	58.3	104	55.9
1	556	18.8	404	19.6	119	16.8	33	17.7
2	506	17.1	395	19.2	87	12.3	24	12.9
3	175	5.9	114	5.5	48	6.8	13	7.0
4	38	1.3	22	1.1	14	2.0	2	1.1
5+	11	0.4	6	0.3	5	0.7	0	0.0
Unknown	82	2.8	49	2.4	23	3.2	10	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 race category.
3. "All Races" includes "Other" and "Unknown" race categories.

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

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# Live Births



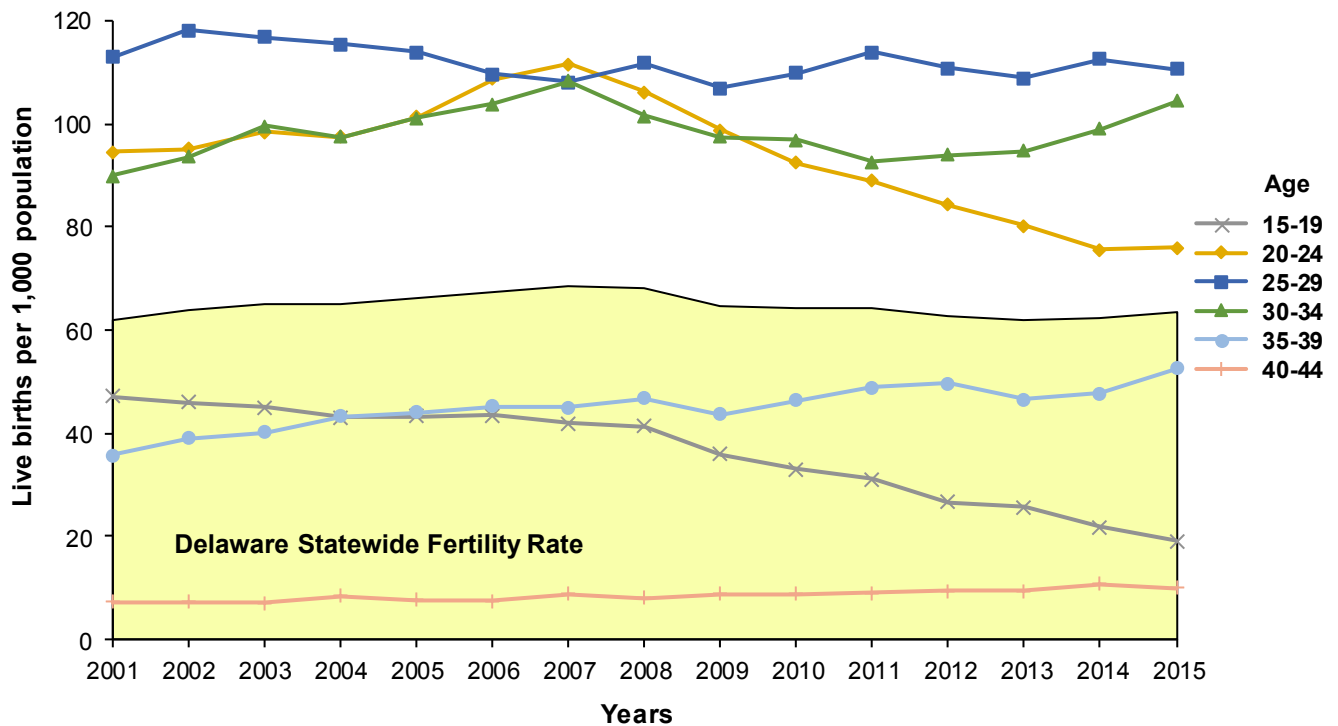
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## LIVE BIRTHS

In 2015, there were 11,511 births in Delaware; 10,578 were to Delaware residents and 933 were to non-residents. Additionally, 569 births to Delaware residents occurred out of state, for a total of 11,147 Delaware resident births, 213 more Delaware residents births than in 2014.

The recent national declines in general fertility and live birth rates were also apparent in Delaware statistics. From 2007 to 2015, the general fertility rate (number of births per 1,000 women ages 15-44 years) declined from a high of 68.5 to 63.5 births per 1,000 women ages 15-44. The birth rate of teens (15-19) exhibited the largest decline at 54.4 percent, followed by a 32.0 percent decrease for women ages 20-24. Although birth rates for women ages 30-34 years increased by 12.7 percent between 2011 and 2015, the 2015 birth rate remains lower than the 2007 rate. For women ages 35-39 and 40-44, the birth rate increased, with the 35-39 age group having the larger increase of the two (16.6 percent).

**Figure 8. Annual Fertility and Age-Specific Live Birth Rates, Delaware, 2001-2015**



Note: Age unit is in years.

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

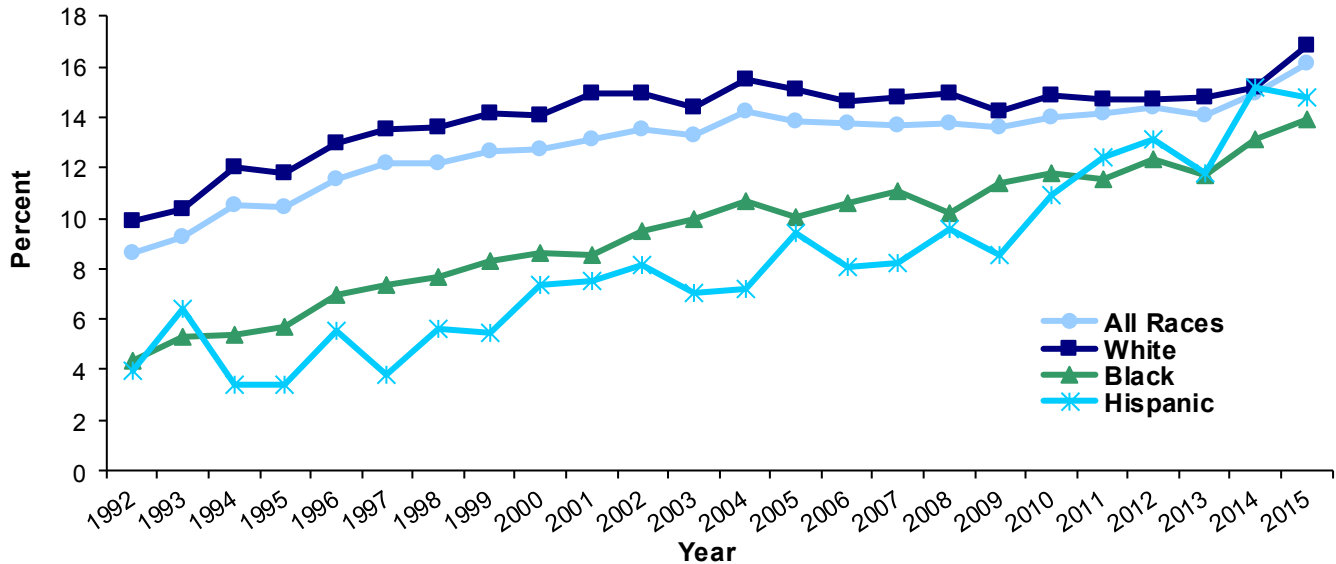
The 2011 to 2015 decline seen in teens ages 15-19 was apparent in both the 15-17 and 18-19 age groups. Birth rates among teens ages 15-17 decreased 50.7 percent while birth rates among teens 18-19 fell 44.4 percent. In the 2011-2015 time period, Sussex County had the highest birth rate for teens in both age groups, followed by Kent County.

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

## LIVE BIRTHS

Between 1992 and 2004, the percentage of births to women 35 and older exhibited a clear upward trend. The percentage then remained stable until 2009. In 2015, 16.1 percent of all births were to women 35 and older, an 18.4 percent increase since 2009.

**Figure 9. Annual Percent of Live Births to Women 35 or Older by Race and Hispanic Origin,\* Delaware, 1992-2015**

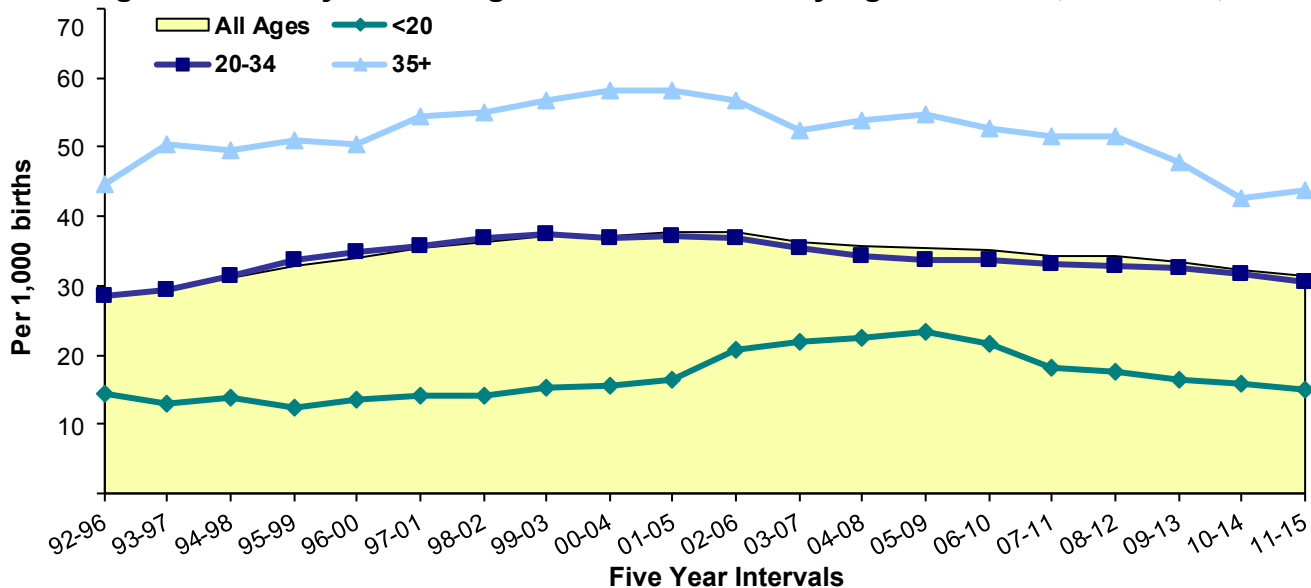


\* Note: Hispanic can be of any race

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

For mothers of all ages, the rate of plural births increased 12 percent between 1992-1996 and 2011-2015. In 2011-2015, older mothers (ages 35+) had the highest plural birth rates, at 44 multiples per 1,000 births, almost three times that of mothers under 20, and 43 percent higher than mothers ages 20-34.

**Figure 10. Five-year Average Plural Birth Rate by Age of Mother, Delaware, 1992-2015**



Note: Age unit is in years.

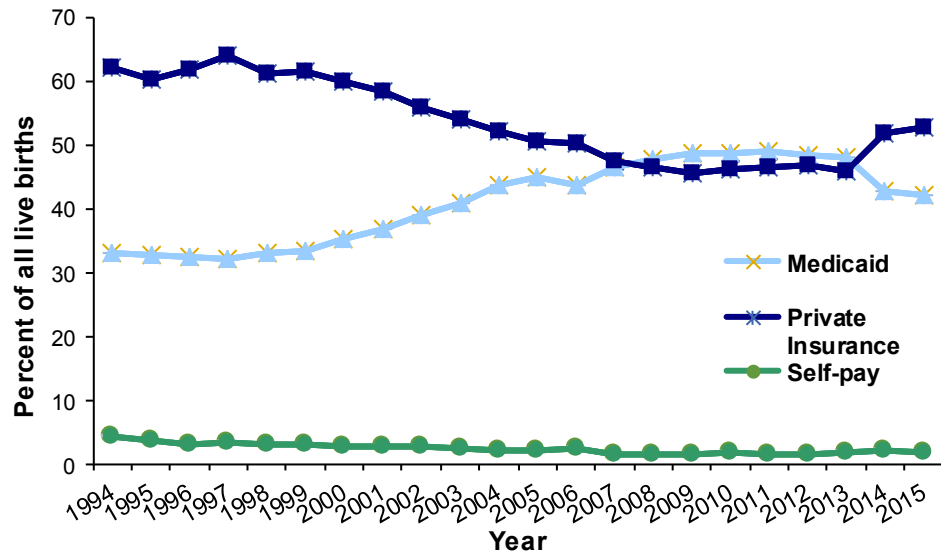
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## LIVE BIRTHS

In 2015, 95 percent of live births had either private insurance or Medicaid listed as the primary source of payment; the remaining 5 percent were split between other government coverage and self-pay.

- In 2015, private insurance paid for more births than Medicaid.
- Medicaid was still the primary source of payment for the majority of mothers under 20, covering 80.6 percent of black mothers, and 73.2 percent of white mothers.

**Figure 11. Percent of Births by Source of Payment for Delivery, Delaware, 1994-2015**

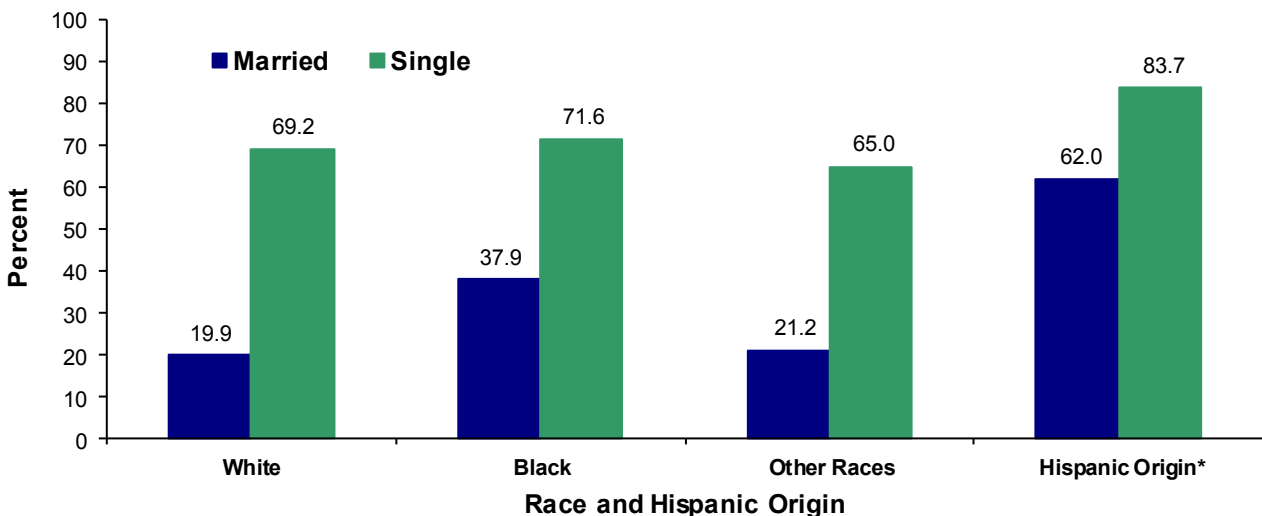


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Marital status has a tremendous effect on the use of Medicaid as the primary source of payment for delivery:

- The number of single white women who used Medicaid as their primary source of payment (69.2 percent) was more than triple that of white married women (19.9 percent).
- The number of single black women who used Medicaid as their primary source of payment (71.6 percent) was almost double that of black married women (37.9 percent).
- The number of single women of other race who used Medicaid as their primary source of payment (65 percent) was more than three times higher than among married women of other races (21.2 percent).
- The number of single Hispanic women who used Medicaid as their primary source of payment (83.7 percent) was significantly higher than Hispanic married women (62 percent).

**Figure 12. Percent of Births by Race, Hispanic Origin, Marital Status, and Medicaid as Primary Source of Payment, Delaware, 2015**

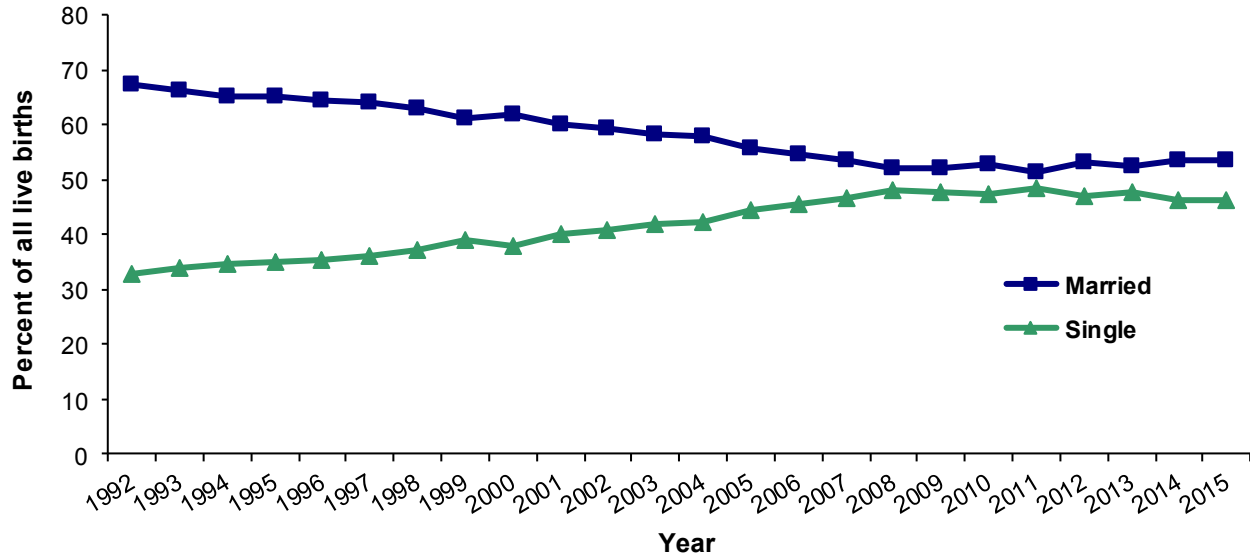


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics

## LIVE BIRTHS

After increasing steadily from 1992 to 2008, the percent of births to unmarried women stabilized. The number of births to unmarried women fell 3.6 percent from 2008 to 2015, compared to a 3.1 percent increase in births to married women during that same time period. In 2015, 46.3 percent of all births were to unmarried women.

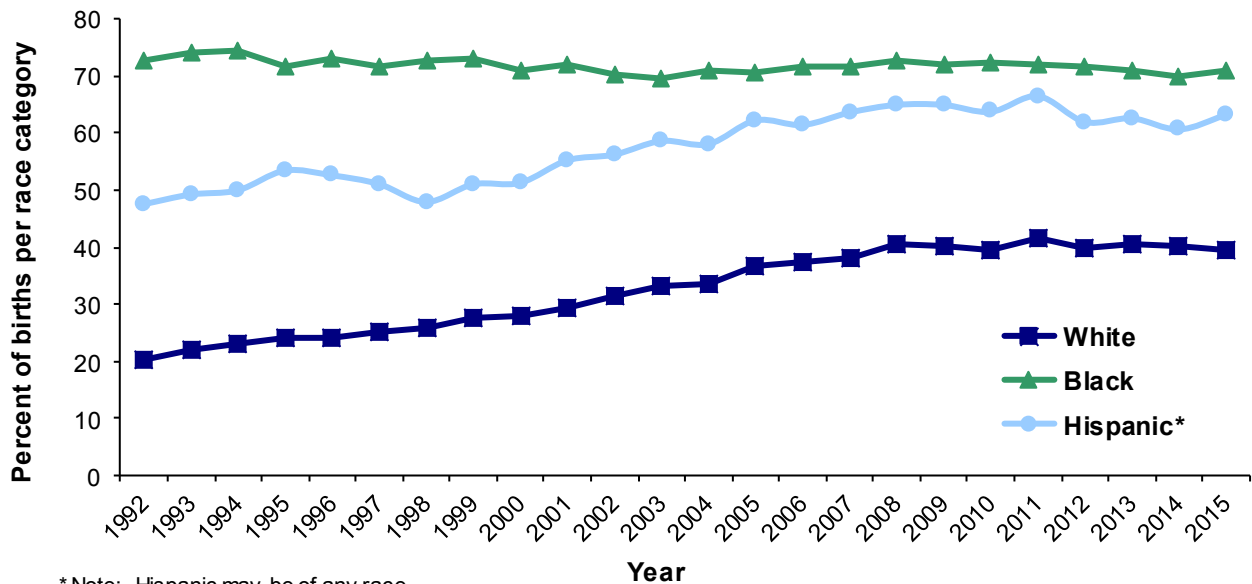
**Figure 13. Annual Percent of Births by Mother's Marital Status, Delaware, 1992-2015**



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

This shift in the distribution of mother's marital status was only apparent in births to white and Hispanic women. Between 1992 and 2015, the percentage of births to unmarried white women increased from 20 to 40 percent, and the percentage of births to unmarried Hispanic women rose from 48 to 63 percent. During the same time period, the percent of births to unmarried black women remained stable at approximately 70 percent.

**Figure 14. Percent of Live Births to Unmarried Women by Race and Ethnicity, Delaware, 1992-2015**



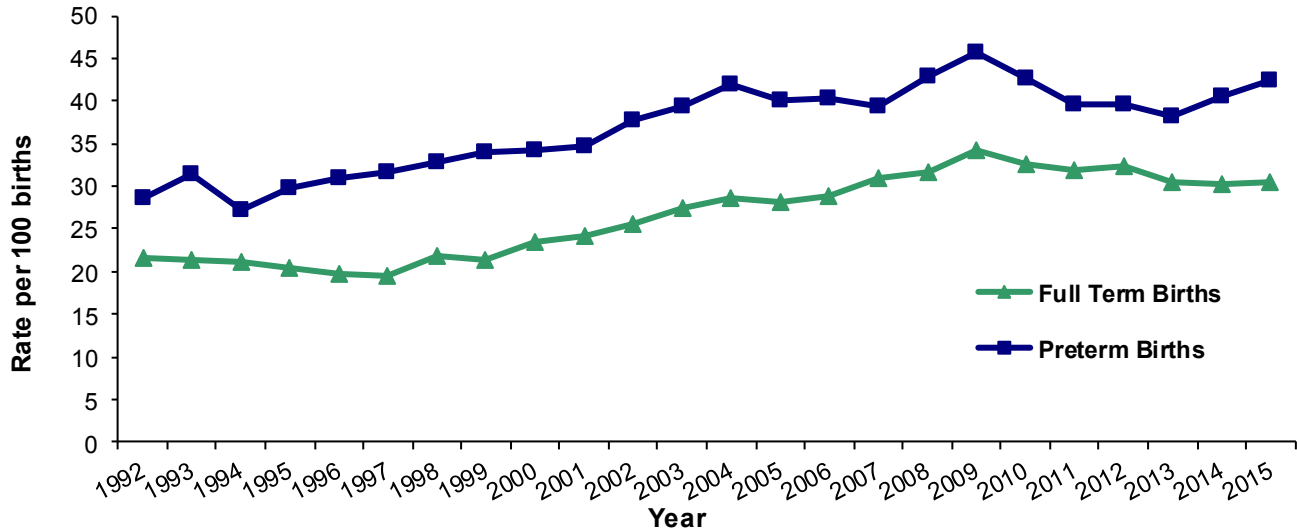
\* Note: Hispanic may be of any race.

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

## LIVE BIRTHS

From 1998 to 2015, the rate of cesarean deliveries increased 37.6 percent, to 31.9 per 100 live births, whereas vaginal births decreased only 11.4 percent. Since 1998, both preterm (<37 weeks gestation) and term (37+ weeks gestation) births had increases in cesarean delivery rates. Although term births demonstrated a greater increase in rates between 1998 and 2015, the C-section rate for preterm births remained higher at 42.5 per 100 preterm births, versus 32.9 per 100 term births in 2015.

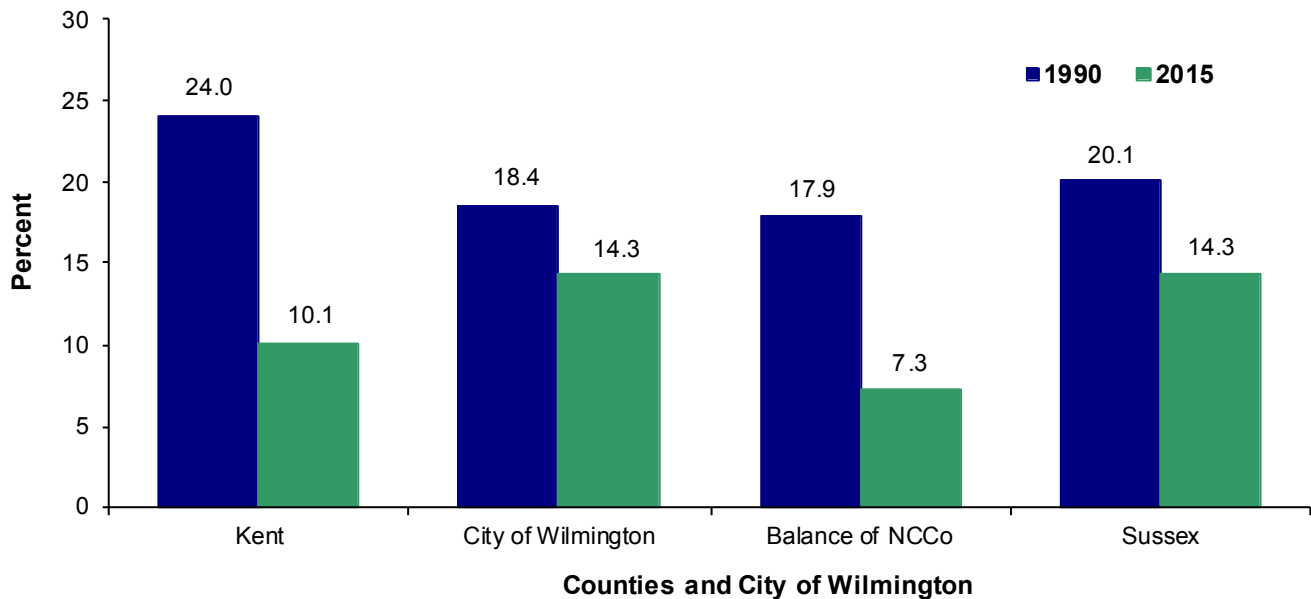
**Figure 15. Annual Rate of Cesarean Deliveries by Gestational Category, Delaware, 1992-2015**



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

From 1990 to 2015, the percentage of Delaware mothers who used tobacco while pregnant decreased in all three counties and the city of Wilmington. In 2015, the city of Wilmington and Sussex County had the highest percentage of mothers who smoked while pregnant.

**Figure 16. Percent of Mothers who Smoked while Pregnant, Delaware Counties and City of Wilmington, 1990 and 2015**



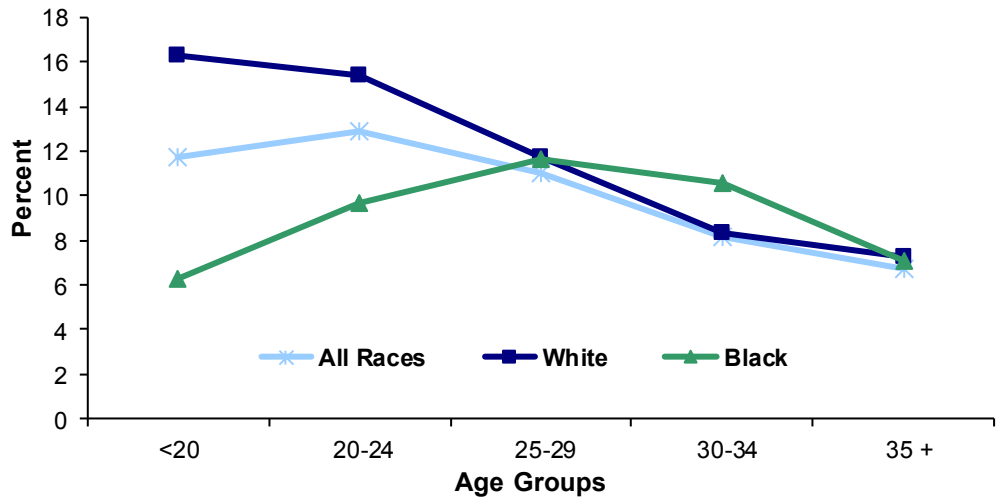
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**LIVE BIRTHS**

White mothers younger than 25 were more likely to smoke while pregnant than black mothers in the same age group.

In the 30-34 age group, black mothers were more likely to smoke while pregnant than white mothers.

**Figure 17. Percent of Mothers who Smoked While Pregnant, by Age Group and Race, Delaware, 2015**

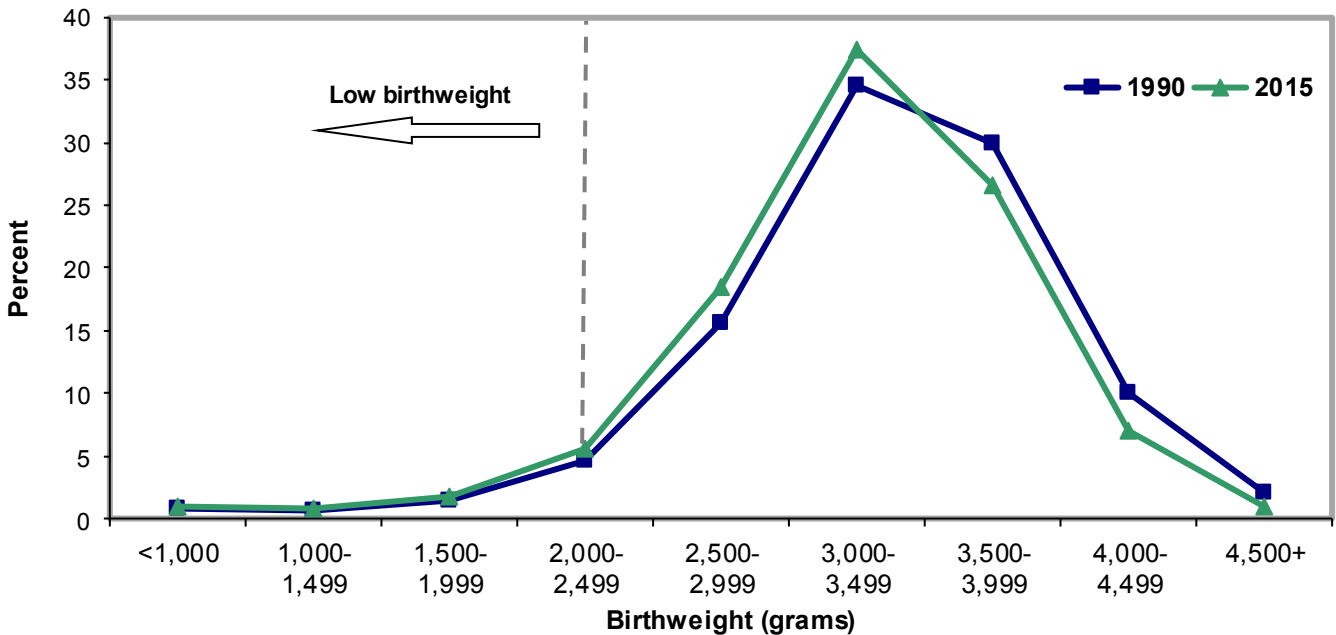


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2015, 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 1990 and 2015. The greatest percentage of births fell within the 3,000 to 3,499 gram range.

**Figure 18. Percent Distribution of Births by Birthweight, Delaware, 1990 and 2015**



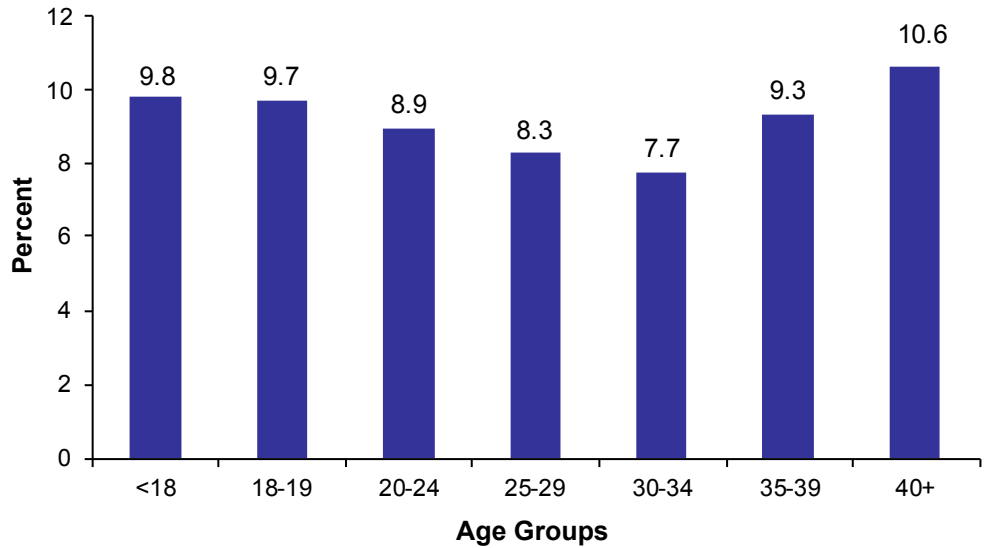
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## LIVE BIRTHS

From 2006-2010 to 2011-2015, the five-year percent of low birthweight (LBW) births and very low birthweight (VLBW) births remained relatively stable at 8.5 and 1.8, respectively.

The percent of LBW births was greatest for mothers in the 40 and older age group (10.6 percent) and lowest for those in the 30-34 age group (7.7 percent).

**Figure 19. Five-year Percent of Low Birthweight Births (<2,500 grams), by Mother's Age, Delaware, 2011-2015**

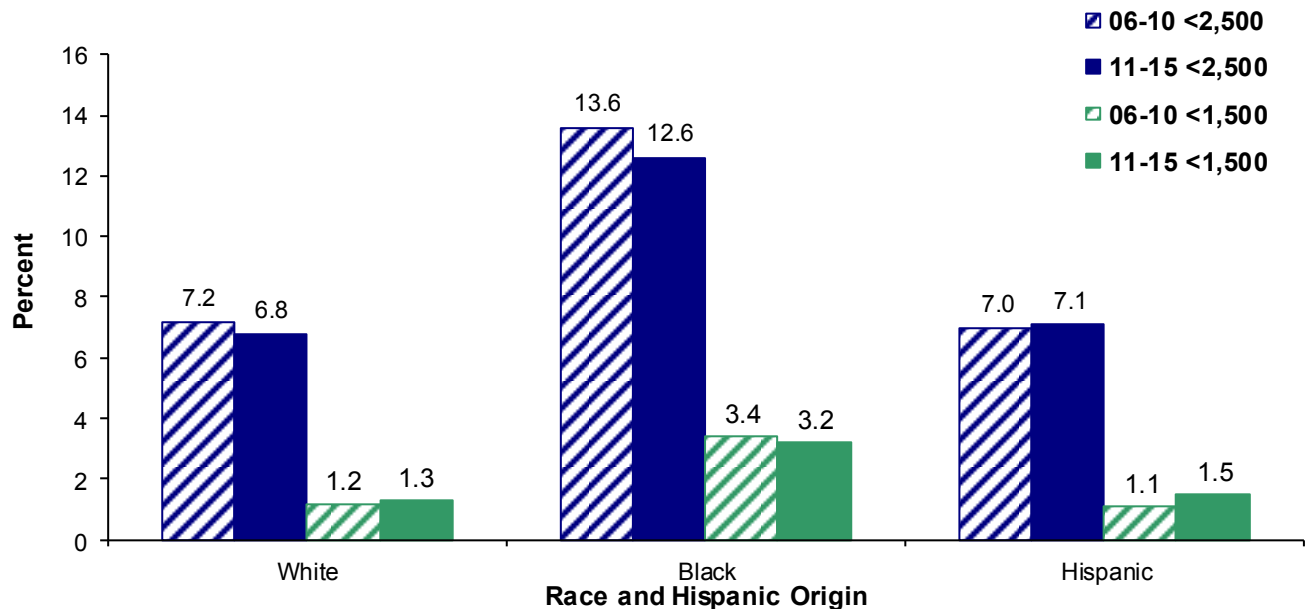


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2011-2015 among mothers of all ages, black mothers had the highest percentage of LBW and VLBW births, at 12.6 percent and 3.2 percent, respectively.

Between 2006-2010 and 2011-2015, the percentages of white and black infants born at low birthweight declined. During this same time period, the percentage of black infants born at very low birthweight declined, while the percentage of white and Hispanic infants born at very low birthweight showed a slight increase.

**Figure 20. Five-year Average Percent of Low (<2,500 grams) and Very Low Birth Weight Births (<1,500 grams), by Race and Hispanic Origin, Delaware, 2006-2010 and 2011-2015**



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



**TABLE C-1. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTIES, CITY OF WILMINGTON, U.S., AND DELAWARE, 2005-2015**

**ALL RACES**

Area/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>	4138349	4265555	4316233	4247694	4130665	3999386	3953590	3952841	3932181	3988076	3978497
<20	421315	441832	451094	440522	414831	372175	333746	309060	276203	251847	232215
20-24	1040388	1080437	1082354	1052184	1005982	951688	925200	916811	896745	882567	850509
25-29	1131596	1181899	1208408	1195774	1166787	1133713	1127583	1123900	1120777	1145392	1152311
30+	1545050	1561387	1574377	1559214	1543065	1541810	1567061	1603070	1637779	1707527	1742708
<b>Delaware</b>	11603	11894	12097	12016	11369	11291	11227	10982	10802	10934	11147
<20	1239	1281	1251	1251	1085	983	909	768	730	621	553
20-24	2931	3056	3095	3000	2831	2707	2642	2534	2431	2298	2280
25-29	3101	3226	3335	3477	3280	3293	3297	3151	3139	3297	3320
30+	4332	4331	4416	4288	4173	4308	4379	4529	4502	4718	4994
<b>Kent</b>	2175	2230	2243	2294	2258	2228	2166	2206	2180	2266	2258
<20	266	246	252	235	209	198	183	162	134	129	99
20-24	670	679	685	672	719	633	601	597	599	608	576
25-29	603	625	689	669	687	703	685	664	665	726	736
30+	636	680	617	718	643	694	697	783	782	803	847
<b>New Castle</b>	7172	7300	7357	7229	6794	6780	6880	6479	6444	6450	6585
<20	654	716	669	695	613	546	527	410	395	323	296
20-24	1562	1652	1599	1554	1424	1418	1417	1294	1286	1157	1171
25-29	1922	1953	1965	2081	1921	1915	1956	1822	1812	1887	1868
30+	3034	2979	3124	2899	2836	2901	2980	2953	2951	3083	3250
Wilmington	1207	1341	1290	1295	1237	1064	1111	1005	1057	1000	973
<20	218	243	221	238	193	153	159	122	132	89	79
20-24	351	423	399	375	360	294	275	264	270	245	242
25-29	285	317	309	337	312	275	301	258	278	267	260
30+	353	358	361	345	372	342	376	361	377	399	392
Balance of NC County	5965	5959	6067	5934	5557	5716	5769	5474	5387	5450	5612
<20	436	473	448	457	420	393	368	288	263	234	217
20-24	1211	1229	1200	1179	1064	1124	1142	1030	1016	912	929
25-29	1637	1636	1656	1744	1609	1640	1655	1564	1534	1620	1608
30+	2681	2621	2763	2554	2464	2559	2604	2592	2574	2684	2858
<b>Sussex</b>	2256	2364	2497	2493	2317	2283	2181	2297	2178	2218	2304
<20	319	319	330	321	263	239	199	196	201	169	158
20-24	699	725	811	774	688	656	624	643	546	533	533
25-29	576	648	681	727	672	675	656	665	662	684	716
30+	662	672	675	671	694	713	702	793	769	832	897

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

**TABLE C-2. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2005-2015**

**WHITE**

Area/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>	3229294	3310308	3336626	3274163	3173293	3069315	3020355	2999820	2985757	3019863	3012855
<20	298910	311947	318103	309714	291731	261750	234461	218091	196625	181135	167446
20-24	790445	818253	818503	791852	751430	706130	680525	670593	653819	644363	620891
25-29	899406	935928	954168	942837	917877	893103	883545	874345	869697	882562	885936
30+	1240533	1244180	1245852	1229760	1212255	1208332	1221824	1236791	1265616	1311327	1338093
<b>Delaware</b>	8113	8110	7996	8113	7612	7566	7510	7312	7087	7194	7247
<20	714	717	659	703	592	546	511	443	389	354	306
20-24	1910	1894	1895	1871	1788	1659	1588	1536	1433	1413	1335
25-29	2224	2291	2278	2393	2270	2290	2273	2151	2086	2199	2178
30+	3265	3208	3164	3146	2962	3071	3138	3182	3179	3228	3428
<b>Kent</b>	1529	1557	1528	1578	1538	1502	1497	1507	1440	1520	1493
<20	146	131	151	132	111	103	105	83	64	80	53
20-24	459	449	428	440	469	410	370	376	371	381	346
25-29	437	466	501	472	485	507	514	475	463	518	495
30+	487	511	448	534	473	482	508	573	542	541	599
<b>New Castle</b>	4846	4802	4711	4560	4260	4264	4308	3985	3953	3934	3904
<20	363	384	337	343	310	265	271	212	189	156	135
20-24	964	940	922	865	809	783	775	679	678	661	598
25-29	1313	1334	1265	1327	1239	1233	1230	1130	1091	1129	1096
30+	2206	2144	2187	2025	1902	1983	2032	1964	1995	1988	2075
Wilmington	475	488	472	446	423	444	446	375	409	401	369
<20	61	51	43	50	39	36	43	30	41	22	17
20-24	109	118	118	87	105	92	79	67	63	64	62
25-29	117	140	118	138	106	131	123	95	101	93	96
30+	188	179	193	171	173	185	201	183	204	222	194
Balance of NC County	4371	4314	4239	4114	3837	3820	3862	3610	3544	3533	3535
<20	302	333	294	293	271	229	228	182	148	134	118
20-24	855	822	804	778	704	691	696	612	615	597	536
25-29	1196	1194	1147	1189	1133	1102	1107	1035	990	1036	1000
30+	2018	1965	1994	1854	1729	1798	1831	1781	1791	1766	1881
<b>Sussex</b>	1738	1751	1757	1975	1814	1800	1705	1820	1694	1740	1850
<20	205	202	171	228	171	178	135	148	136	118	118
20-24	487	505	545	566	510	466	443	481	384	371	391
25-29	474	491	512	594	546	550	529	546	532	552	587
30+	572	553	529	587	587	606	598	645	642	699	754

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

**TABLE C-3. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2005-2015**

**BLACK**

Area/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>	633134	666481	675676	670809	657618	636425	632901	634126	634760	640562	640079
<20	106742	113615	116006	114249	107548	96606	86615	78813	68649	60979	55644
20-24	203716	213877	215052	212493	208885	202082	201323	202527	200706	197102	189986
25-29	156161	166860	170270	169068	165737	160007	161100	163050	167521	175096	180147
30+	166515	172129	174348	174999	175448	177730	183863	189736	197884	207254	214154
<b>Delaware</b>	2881	3018	3251	3245	3159	3086	3084	2952	3049	2920	3069
<20	494	523	531	526	479	419	386	306	323	244	222
20-24	936	1012	1037	1034	959	976	992	924	916	797	859
25-29	683	691	790	845	821	788	799	763	838	840	888
30+	768	792	893	840	900	903	907	959	972	1039	1100
<b>Kent</b>	549	578	645	645	646	638	602	610	648	647	672
<20	103	110	95	99	91	93	75	76	63	44	41
20-24	192	211	237	217	229	206	213	202	209	204	216
25-29	139	125	168	175	186	163	154	166	178	187	208
30+	115	132	145	154	140	176	160	166	198	212	207
<b>New Castle</b>	1878	2026	2128	2152	2063	2019	2054	1930	1972	1862	2004
<20	285	320	320	339	296	268	250	186	197	152	147
20-24	550	647	626	630	566	591	609	571	555	448	514
25-29	458	470	519	562	527	517	535	497	548	543	568
30+	585	589	663	621	674	643	660	676	672	719	775
Wilmington	710	820	802	824	794	601	647	600	615	563	573
<20	157	186	176	185	151	116	116	88	86	63	59
20-24	238	298	277	285	255	195	195	194	203	173	174
25-29	159	170	185	192	198	141	174	153	170	166	154
30+	156	166	164	162	190	149	162	165	156	161	186
Balance of NC County	1168	1206	1326	1328	1269	1418	1407	1330	1357	1299	1431
<20	128	134	144	154	145	152	134	98	111	89	88
20-24	312	349	349	345	311	396	414	377	352	275	340
25-29	299	300	334	370	329	376	361	344	378	377	414
30+	429	423	499	459	484	494	498	511	516	558	589
<b>Sussex</b>	454	414	478	448	450	429	428	412	429	411	393
<20	106	93	116	88	92	58	61	44	63	48	34
20-24	194	154	174	187	164	179	170	151	152	145	129
25-29	86	96	103	108	108	108	110	100	112	110	112
30+	68	71	85	65	86	84	87	117	102	108	118

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

**TABLE C-4. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2005-2015**

**HISPANIC ORIGIN<sup>1</sup>**

Area/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>	985505	1039077	1062779	1041239	999548	945180	918129	907677	901033	914065	924048
<20	139372	148125	150974	147240	138336	123609	111236	104118	94174	87007	81350
20-24	287896	303454	305262	293054	274726	254723	243724	241138	237705	239121	236264
25-29	266590	280615	287942	281319	270641	254982	248269	244474	244243	248971	256106
30+	291647	306883	318601	319626	315845	311866	314900	317947	324911	338886	350242
<b>Delaware</b>	1674	1917	1914	1845	1653	1426	1427	1396	1342	1573	1542
<20	271	290	255	275	223	174	166	135	148	134	135
20-24	560	614	654	565	524	404	394	375	334	422	393
25-29	417	550	537	498	467	425	431	428	401	432	448
30+	426	463	468	507	439	423	436	458	459	585	566
<b>Kent</b>	165	166	199	185	197	156	162	178	184	204	214
<20	32	25	31	28	31	17	16	15	22	16	11
20-24	54	49	67	54	74	52	55	59	58	71	69
25-29	35	48	63	40	47	57	52	50	52	62	70
30+	44	44	38	63	45	30	39	54	52	55	64
<b>New Castle</b>	990	1183	1069	1015	906	760	789	726	707	881	797
<20	157	185	136	154	137	101	116	84	86	79	68
20-24	324	379	340	293	268	207	206	187	178	245	203
25-29	247	331	285	290	255	213	221	227	205	236	224
30+	262	288	308	278	246	239	246	228	238	321	302
<b>Wilmington</b>	223	267	228	200	174	172	161	118	154	178	136
<20	48	50	37	38	30	25	34	18	25	17	12
20-24	75	94	89	64	61	55	40	39	42	54	35
25-29	55	70	48	65	49	48	48	32	49	37	44
30+	45	53	54	33	34	44	39	29	38	70	45
<b>Balance of NC County</b>	767	916	841	815	732	588	628	608	553	703	661
<20	109	135	99	116	107	76	82	66	61	62	56
20-24	249	285	251	229	207	152	166	148	136	191	168
25-29	192	261	237	225	206	165	173	195	156	199	180
30+	217	235	254	245	212	195	207	199	200	251	257
<b>Sussex</b>	519	568	646	645	550	510	476	492	451	488	531
<20	82	80	88	93	55	56	34	36	40	39	56
20-24	182	186	247	218	182	145	133	129	98	106	121
25-29	135	171	189	168	165	155	158	151	144	134	154
30+	120	131	122	166	148	154	151	176	169	209	200

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

**TABLE C-5. FIVE-YEAR AVERAGE TEENAGE LIVE BIRTH RATES BY AGE AND RACE OF MOTHER , COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE 1996-2015**

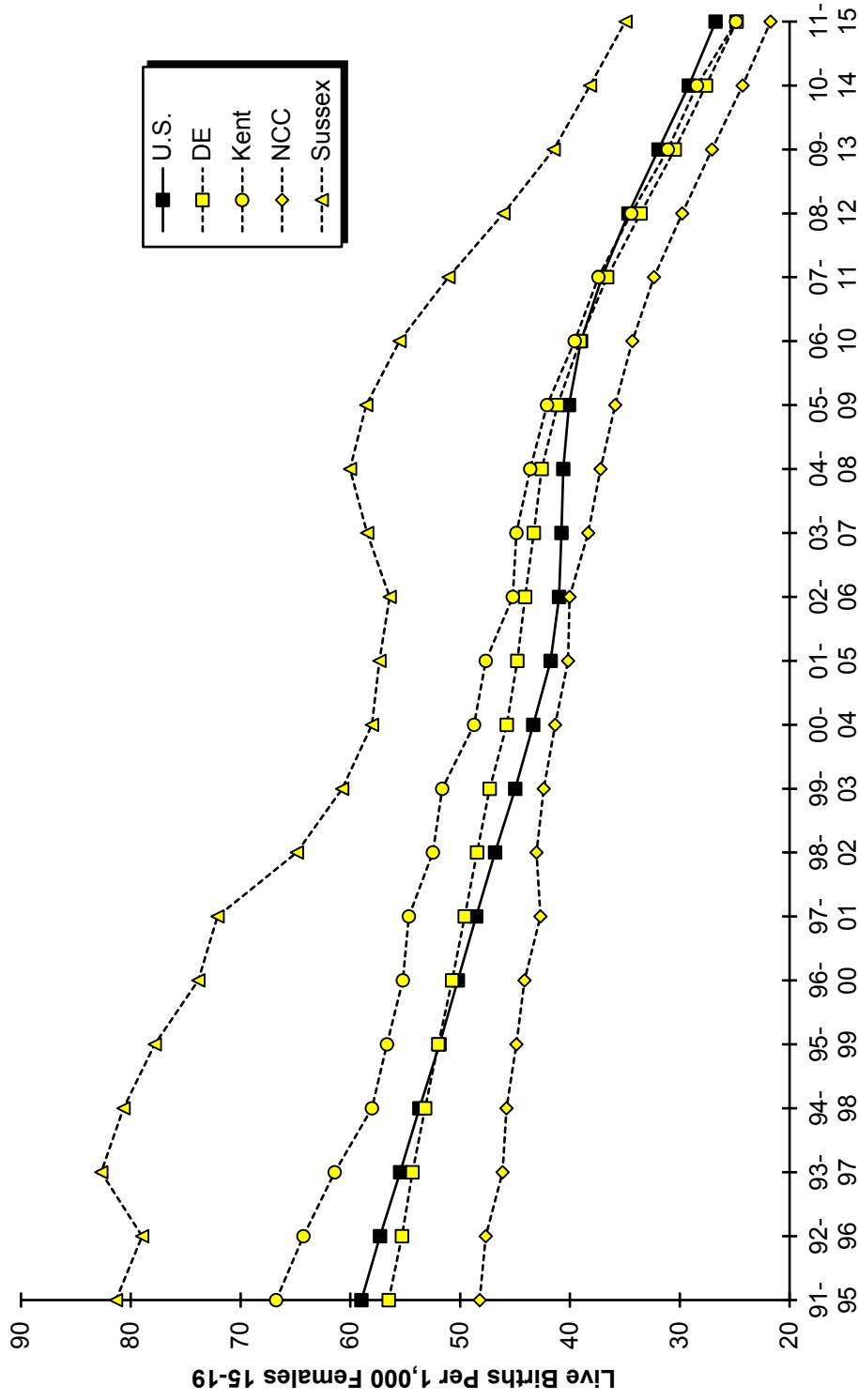
Race	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
	-2000	-2001	-2002	-2003	-2004	-2005	-2006	-2007	-2008	-2009	-2010	-2011	-2012	-2013	-2014	-2015
<b>Teens 15-19</b>																
<b>U.S.</b>	50.2	48.5	46.8	45.0	43.3	41.8	41.0	40.8	40.6	40.1	39.0	37.1	34.7	31.9	29.2	26.7
White	45.0	43.7	42.4	41.1	39.7	38.5	37.9	37.7	37.6	37.1	36.2	34.5	32.3	29.8	27.3	25.2
Black	82.6	79.4	75.3	71.0	67.5	64.1	62.4	61.7	61.2	60.2	58.4	55.5	51.9	47.8	43.5	40.1
<b>Delaware</b>	50.7	49.6	48.4	47.3	45.7	44.8	44.1	43.3	42.6	41.1	39.1	36.6	33.6	30.5	27.6	24.8
White	37.7	37.2	36.6	36.5	35.7	35.6	35.9	35.5	35.3	34.5	32.8	31.0	29.1	26.4	24.4	22.1
Black	94.9	90.4	86.5	81.6	77.5	73.4	69.9	67.2	65.6	62.9	60.0	56.4	51.4	47.1	41.8	37.1
<b>Kent</b>	55.2	54.7	52.4	51.6	48.7	47.7	45.2	44.9	43.6	42.1	39.6	37.4	34.4	31.1	28.4	24.9
White	50.6	49.8	46.2	44.5	40.3	38.2	35.8	36.3	35.2	34.5	32.4	31.3	28.1	24.9	23.6	21.1
Black	66.4	67.5	69.8	73.1	75.3	77.0	74.8	71.7	69.7	65.6	63.5	58.2	55.6	50.8	44.5	37.0
<b>New Castle</b>	44.1	42.7	43.0	42.4	41.3	40.2	40.0	38.3	37.2	35.9	34.3	32.3	29.8	27.1	24.3	21.7
White	29.9	29.6	30.9	31.5	31.4	31.5	32.2	31.1	30.1	29.3	27.6	26.0	24.1	22.0	19.9	18.0
Black	98.5	91.6	86.7	80.3	74.6	68.3	65.3	61.4	59.7	57.2	55.3	52.5	48.1	43.8	39.1	35.0
Wilmington	118.5	111.2	107.4	103.1	98.5	92.4	91.3	86.6	85.5	82.8	78.2	74.1	68.9	64.0	57.9	53.9
White	100.6	98.9	105.4	108.2	110.2	109.8	107.6	101.8	98.7	95.6	87.2	88.4	84.5	84.6	79.6	72.2
Black	138.2	129.0	122.0	115.3	108.2	99.9	97.9	92.6	92.0	89.2	85.0	79.7	73.2	65.8	58.2	53.8
<b>Sussex</b>	73.8	72.0	64.8	60.7	58.0	57.3	56.4	58.5	60.0	58.6	55.5	51.1	46.1	41.5	38.2	35.0
White	58.4	55.7	48.5	45.8	45.1	45.3	46.9	48.0	51.3	50.3	49.2	46.1	45.1	40.6	38.4	35.3
Black	124.5	119.6	108.3	97.6	91.5	90.3	83.7	87.6	87.3	86.5	78.3	73.8	61.9	58.5	51.5	48.2
<b>Teens 15-17</b>																
<b>U.S.</b>	30.3	28.4	26.7	25.0	23.7	22.5	21.9	21.7	21.5	21.0	20.3	19.1	17.6	15.8	14.0	12.5
<b>Delaware</b>	33.8	31.6	29.3	27.5	25.9	24.5	23.3	22.8	22.2	20.8	19.6	18.2	16.2	14.5	12.9	11.1
<b>Kent</b>	31.8	30.3	28.7	27.5	25.0	24.2	21.6	21.1	20.6	19.8	18.8	17.4	16.0	14.3	12.5	10.4
<b>New Castle</b>	31.8	29.6	28.4	27.0	25.1	23.3	22.4	21.4	20.5	19.1	18.1	16.7	14.9	13.4	12.0	10.6
<b>Sussex</b>	43.2	40.1	33.2	29.3	29.6	28.7	28.1	29.4	30.2	27.6	26.1	24.3	21.2	18.4	16.4	14.8
<b>Teens 18-19</b>																
<b>U.S.</b>	81.6	79.7	77.6	75.1	72.8	70.8	70.0	69.9	69.6	68.6	66.6	63.2	59.3	55.1	51.0	47.4
<b>Delaware</b>	72.6	73.1	74.1	74.7	74.5	75.6	76.3	75.0	73.9	72.1	68.2	63.7	58.7	53.4	48.8	43.5
<b>Kent</b>	91.1	91.2	87.5	87.1	84.4	83.8	81.4	80.4	77.6	74.5	69.7	66.5	61.1	55.5	51.7	46.2
<b>New Castle</b>	58.5	58.2	61.1	62.3	64.0	65.6	67.6	65.0	63.7	61.9	58.9	55.3	51.2	46.6	41.8	38.0
<b>Sussex</b>	125.3	126.1	117.8	112.6	103.6	101.2	99.2	102.3	104.1	104.0	99.3	91.0	82.4	75.0	70.0	64.6

**Notes:**

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

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

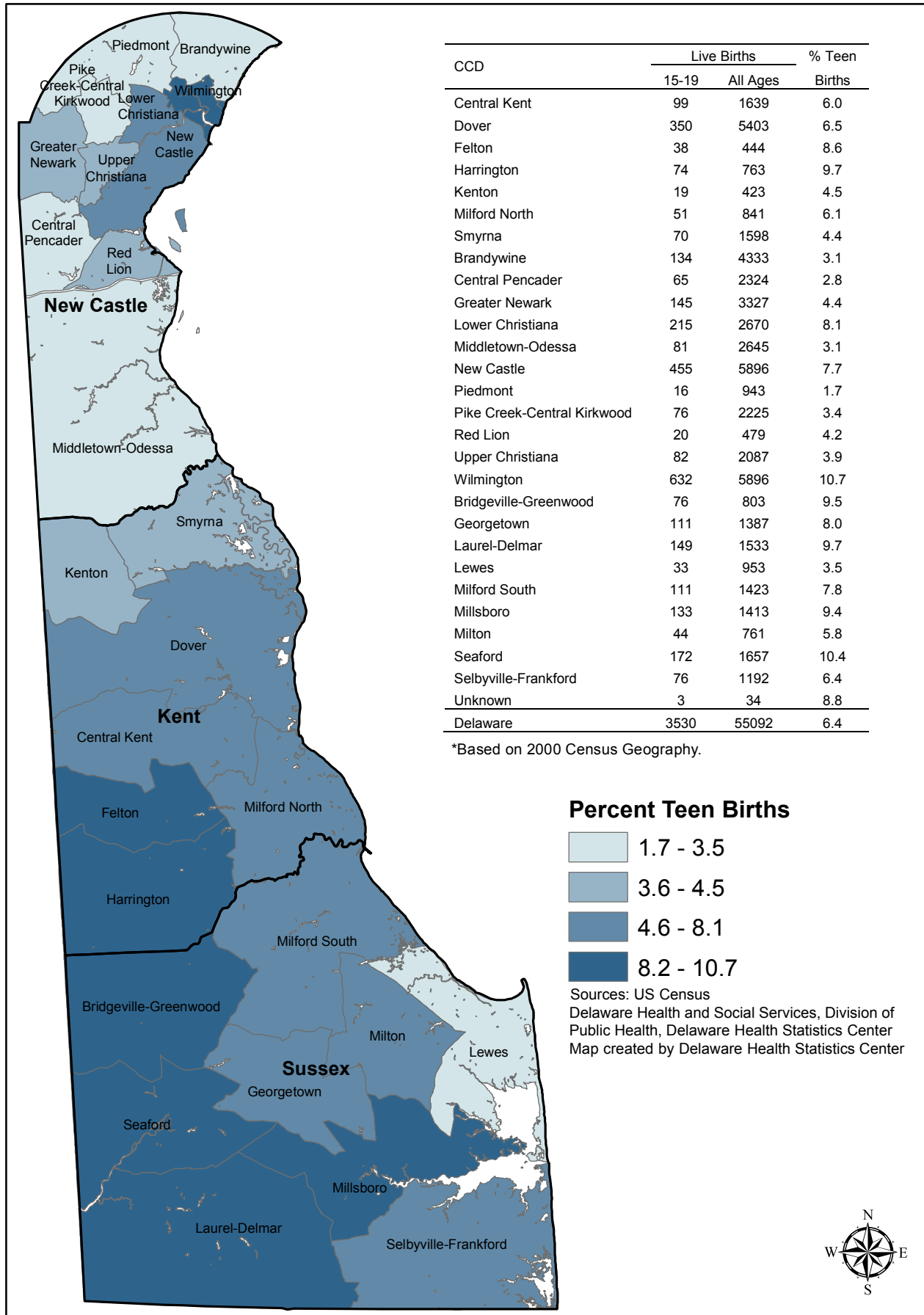
**Figure C-1. Five-Year Average Teenage Teenage (15-19) Live Birth Rates, U.S., Delaware and Counties, 1991-2015**



**Five-Year Intervals**

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

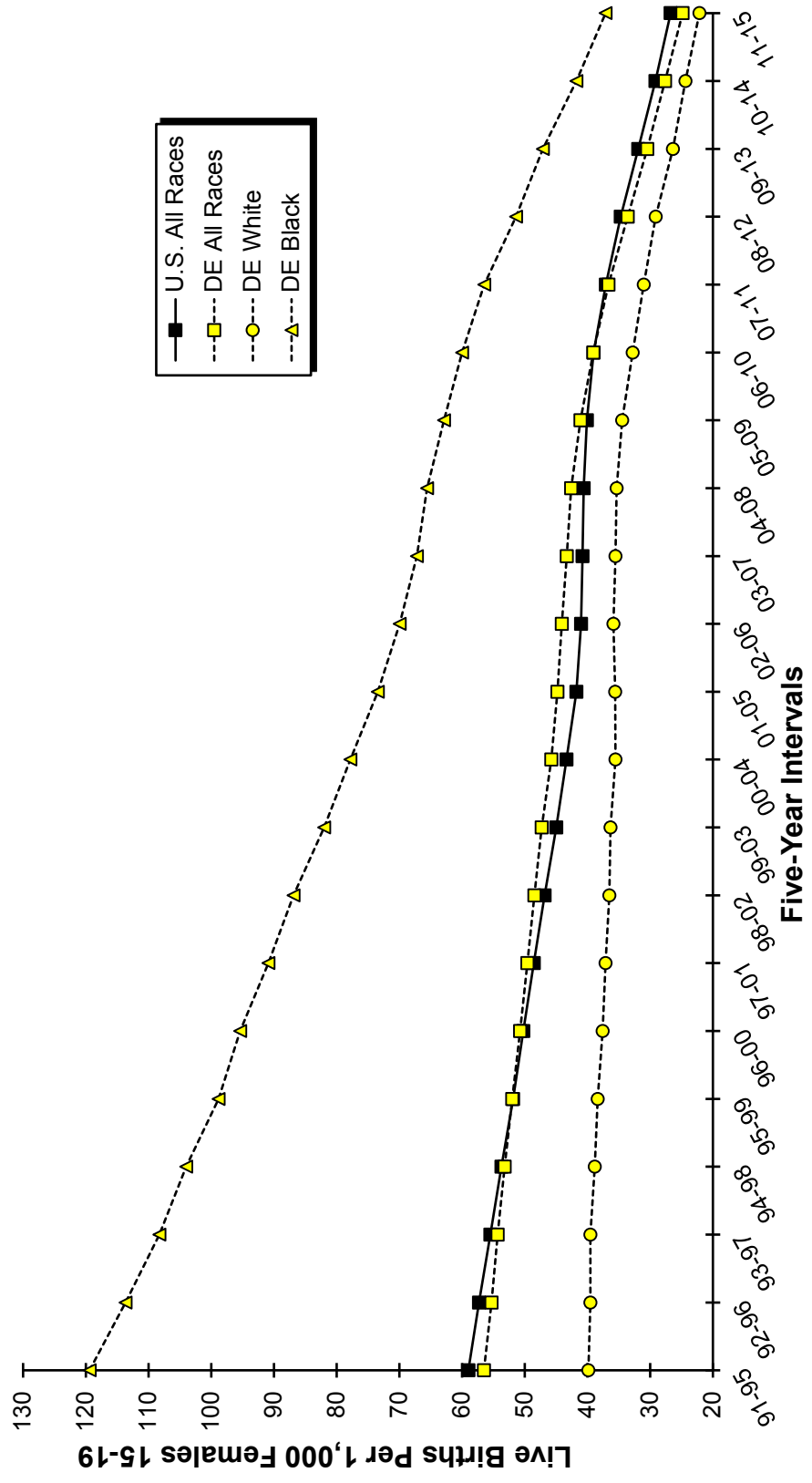
**Figure C-2. Five-year Average Percent Live Births to Teens (15-19) by Census County Division\*, Delaware, 2011-2015**



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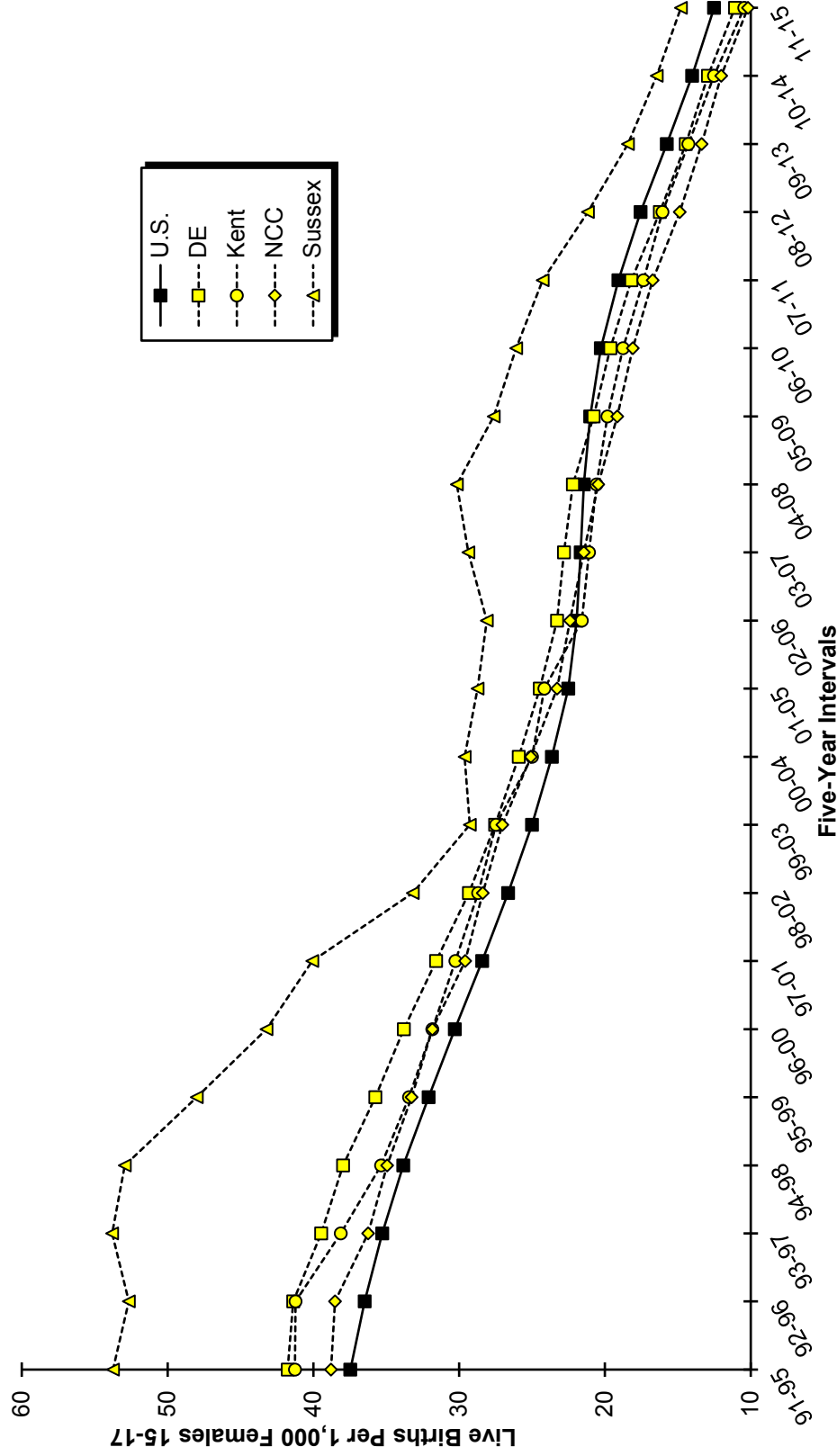


**Figure C-3. Five-Year Average Teenage Live Birth Rates by Race, U.S., and Delaware, 1991-2015**



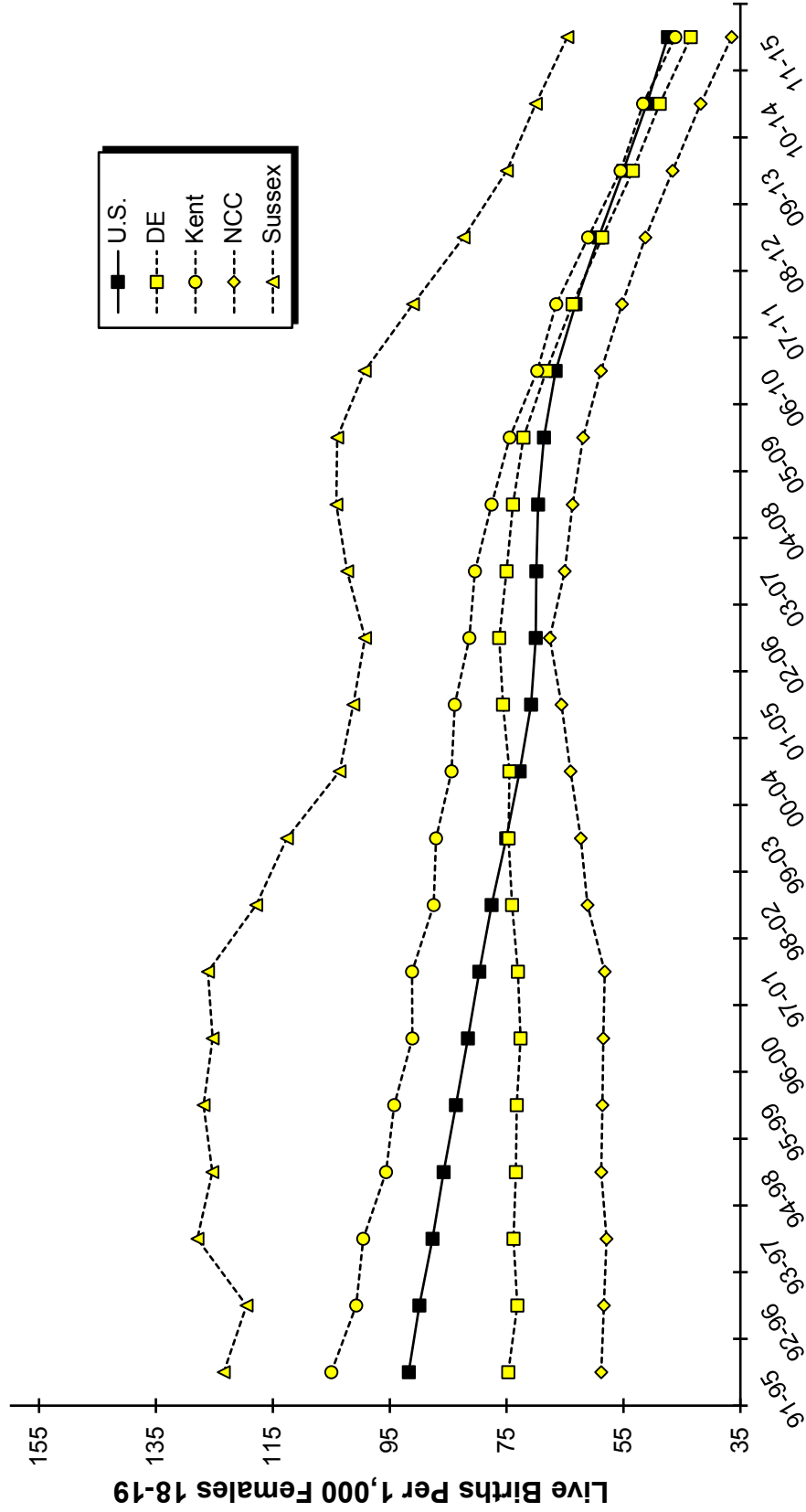
Sources: National Center for Health Statistics  
 Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center,

**Figure C-4 Five-Year Average Teenage (15-17) Live Birth Rates, U.S., Delaware and Counties, 1991-2015**



Sources: National Center for Health Statistics  
 Delaware 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, 1991-2015**



**Five-Year Intervals**

Sources: National Center for Health Statistics  
 Delaware 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, 1996-2015**

**ALL RACES**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>																
General	64.4	64.7	64.9	65.3	65.7	65.9	66.5	67.4	67.8	67.8	67.3	66.2	64.9	63.7	63.1	62.8
10-14	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
15-19	50.2	48.5	46.8	45.0	43.3	41.8	41.0	40.8	40.6	40.1	39.0	37.1	34.7	31.9	29.2	26.7
20-24	108.1	107.6	106.7	105.4	104.2	102.8	102.8	103.3	103.2	102.1	99.6	95.5	91.0	86.7	83.3	80.8
25-29	110.4	111.5	112.7	114.1	115.1	115.6	116.5	117.2	116.8	115.8	114.1	111.9	109.6	107.6	106.5	105.7
30-34	85.6	87.6	89.6	91.7	93.5	94.6	96.0	97.6	98.3	98.6	98.5	97.9	97.2	96.9	97.6	98.7
35-39	37.0	38.1	39.3	40.7	42.2	43.5	45.0	46.2	46.8	46.9	46.8	46.7	46.8	47.3	48.3	49.5
40-44	7.3	7.6	7.8	8.1	8.4	8.6	8.9	9.2	9.4	9.6	9.8	10.0	10.1	10.3	10.4	10.5
45-49**	0.4	0.4	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
<b>Delaware</b>																
General	61.2	61.7	62.4	63.1	63.8	64.3	65.4	66.4	67.0	66.9	66.5	65.9	64.7	63.5	63.1	62.9
10-14	1.5	1.3	1.2	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.4	0.4
15-19	50.7	49.6	48.5	47.3	45.8	44.8	44.1	43.3	42.6	41.1	39.1	36.6	33.6	30.5	27.6	24.8
20-24	95.8	96.6	98.0	98.3	97.7	97.4	100.1	103.3	104.9	105.2	103.4	99.4	93.9	88.8	84.2	81.0
25-29	105.8	108.8	111.6	113.8	115.4	115.4	114.6	112.5	111.6	110.0	109.2	110.1	110.6	110.0	111.1	111.3
30-34	85.1	86.5	88.5	91.3	94.1	96.1	98.9	101.9	102.3	102.3	101.4	99.1	96.3	95.0	95.4	97.0
35-39	34.0	34.8	36.0	37.1	38.7	40.3	42.2	43.5	44.8	44.9	45.3	46.0	46.9	46.9	47.8	49.0
40-44	5.9	6.2	6.5	6.8	7.3	7.5	7.5	7.8	8.0	8.1	8.3	8.6	8.7	9.0	9.4	9.6
45-49**	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.6	0.5	0.6	0.6	0.5	0.6
<b>Kent</b>																
General	65.5	65.2	65.8	66.4	66.0	66.3	67.0	67.7	67.6	68.0	67.4	66.5	65.9	64.9	64.7	64.5
10-14	1.5	1.2	1.2	1.0	0.9	1.0	0.9	0.8	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.3
15-19	55.2	54.7	52.5	51.6	48.7	47.7	45.2	44.9	43.6	42.1	39.6	37.4	34.4	31.1	28.4	24.9
20-24	136.2	133.3	133.5	132.5	130.2	125.4	124.5	125.2	120.7	120.3	116.8	112.0	107.7	104.9	101.4	100.1
25-29	115.0	116.1	120.1	119.8	119.3	120.0	120.0	118.9	117.5	116.8	115.5	115.4	114.1	113.6	114.4	115.0
30-34	71.9	72.5	73.0	76.2	77.9	80.2	83.4	85.2	86.6	87.7	87.3	86.0	85.8	85.0	85.7	86.2
35-39	26.6	27.8	29.2	30.3	30.5	32.0	34.3	34.7	37.0	36.9	37.0	35.7	37.8	36.7	38.3	40.7
40-44	4.9	4.8	5.1	5.4	5.6	6.2	6.7	6.8	6.7	6.8	7.0	6.9	7.3	7.7	7.8	7.8
45-49**	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.6	0.6	0.7	0.6	0.5
<b>New Castle</b>																
General	59.1	59.5	60.3	61.0	61.6	61.9	63.0	63.5	63.8	63.5	63.1	62.7	61.6	60.5	60.2	60.0
10-14	1.4	1.2	1.0	0.9	0.8	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.3
15-19	44.1	42.7	43.0	42.4	41.4	40.2	40.0	38.3	37.2	35.9	34.3	32.3	29.8	27.1	24.3	21.7
20-24	75.9	76.9	78.2	78.8	77.7	78.2	82.0	85.3	88.1	89.3	88.6	85.2	79.9	75.4	71.2	67.8
25-29	101.1	103.9	106.5	108.8	109.9	108.7	106.8	102.8	101.0	99.3	98.9	101.3	104.0	104.8	107.2	109.1
30-34	91.8	93.0	94.9	96.8	99.6	101.4	104.0	107.6	108.5	107.9	106.1	102.9	98.3	96.0	96.3	97.1
35-39	38.5	39.4	40.1	41.4	43.0	44.6	46.3	47.7	48.3	48.1	48.5	49.7	50.1	50.6	51.2	52.6
40-44	6.4	6.9	7.2	7.4	8.0	8.1	8.1	8.6	8.9	8.9	9.2	9.6	9.3	9.5	9.9	10.1
45-49**	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6
<b>Sussex</b>																
General	65.6	66.9	67.3	68.2	70.4	71.6	73.2	75.8	77.8	77.9	77.8	76.4	74.9	72.6	71.5	71.0
10-14	2.0	1.8	1.7	1.4	1.3	1.1	1.1	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.4	0.5
15-19	73.9	72.1	64.9	60.7	58.1	57.3	56.4	58.5	60.0	58.6	55.5	51.1	46.1	41.5	38.2	35.0
20-24	144.5	149.4	153.0	152.5	154.7	151.4	148.2	147.8	147.2	142.0	136.6	131.0	124.6	115.9	109.4	104.9
25-29	116.7	122.7	124.3	128.5	134.5	139.1	142.8	148.8	152.5	148.8	145.2	138.1	130.4	123.2	120.0	118.5
30-34	71.0	73.7	77.5	83.2	87.6	90.6	94.4	97.0	95.2	96.8	99.2	98.9	100.6	103.2	103.8	102.8
35-39	23.8	24.7	27.0	28.0	30.8	32.3	34.6	36.0	39.0	40.6	42.1	43.4	45.0	44.2	45.8	49.7
40-44	4.9	4.9	5.4	5.8	6.3	6.3	6.3	6.1	6.2	6.4	6.6	7.1	8.1	8.6	9.2	9.3
45-49**	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.5	0.4	0.4	0.6	0.6	0.4	0.5

**Notes:**

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

Sources: National Center for Health Statistics  
Delaware 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, 1996-2015**

**WHITE**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>																
General	63.8	64.1	64.6	65.2	65.7	66.0	66.7	67.6	67.9	67.9	67.4	66.4	65.1	63.9	63.3	63.0
10-14	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.2
15-19	45.0	43.7	42.4	41.1	39.7	38.5	37.9	37.7	37.6	37.1	36.2	34.5	32.3	29.8	27.3	25.2
20-24	105.2	104.8	104.2	103.3	102.2	101.1	101.1	101.5	101.3	100.1	97.6	93.5	88.9	84.7	81.4	78.9
25-29	113.8	114.9	116.5	118.1	119.3	119.9	120.8	121.4	120.9	119.6	117.8	115.5	112.9	110.8	109.6	108.7
30-34	88.7	91.0	93.3	95.6	97.5	98.7	100.1	101.6	102.3	102.5	102.3	101.8	100.9	100.5	101.0	102.0
35-39	37.5	38.7	40.0	41.5	43.1	44.6	46.1	47.3	47.8	47.8	47.6	47.4	47.4	47.8	48.7	49.8
40-44	7.2	7.5	7.8	8.0	8.3	8.6	8.8	9.1	9.3	9.5	9.7	9.8	10.0	10.0	10.1	10.2
45-49**	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
<b>Delaware</b>																
General	60.1	60.2	60.7	61.3	62.0	62.8	64.1	65.0	66.0	66.1	65.8	65.5	65.0	63.9	63.6	63.4
10-14	0.7	0.6	0.6	0.6	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2
15-19	37.6	37.1	36.5	36.3	35.6	35.6	35.9	35.5	35.3	34.5	32.8	31.0	29.1	26.4	24.4	22.1
20-24	84.7	84.5	85.6	85.9	86.1	87.1	90.5	94.0	96.8	98.2	96.4	93.0	88.5	83.3	79.0	75.7
25-29	112.5	114.8	116.5	117.7	118.2	118.2	117.2	114.2	113.2	111.9	111.5	112.8	114.5	114.2	115.4	115.0
30-34	94.8	96.1	98.4	100.9	103.7	105.2	108.1	110.6	111.4	110.7	109.5	106.7	103.7	101.8	101.8	103.1
35-39	36.2	37.1	38.3	39.3	41.0	43.0	44.8	46.0	47.9	47.8	47.9	48.5	49.2	48.9	49.6	50.6
40-44	6.2	6.5	6.8	7.0	7.4	7.5	7.5	7.6	7.7	7.7	8.0	8.5	8.8	9.1	9.6	9.8
45-49**	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
<b>Kent</b>																
General	66.4	65.9	66.5	67.0	66.4	66.8	67.8	68.5	68.9	69.9	69.5	69.1	69.1	68.0	67.8	67.7
10-14	0.9	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2
15-19	50.6	49.7	46.2	44.5	40.2	38.2	35.8	36.3	35.2	34.5	32.4	31.3	28.1	24.9	23.6	21.1
20-24	138.0	138.4	143.7	144.3	142.3	136.5	131.7	126.4	119.5	116.8	111.7	106.1	103.0	99.8	96.1	93.6
25-29	124.8	124.9	127.3	127.7	128.0	131.1	136.1	140.3	141.2	142.3	140.1	137.6	131.5	126.9	125.3	122.5
30-34	77.1	77.5	78.9	82.5	84.6	87.7	92.1	94.0	97.1	99.8	101.0	102.9	107.3	107.3	107.8	108.0
35-39	27.4	28.5	30.4	31.9	32.1	34.0	35.9	36.3	38.9	39.3	39.5	38.1	40.3	39.1	39.9	42.9
40-44	5.1	5.0	5.2	5.3	5.7	6.2	6.4	6.5	6.6	6.5	6.4	6.4	7.0	7.4	7.7	7.9
45-49**	0.4	0.6	0.5	0.6	0.4	0.5	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.5	0.4
<b>New Castle</b>																
General	57.8	58.0	58.6	59.2	59.6	60.2	61.3	61.8	62.1	61.6	61.1	60.7	59.6	58.8	58.6	58.2
10-14	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1
15-19	29.8	29.4	30.8	31.3	31.2	31.5	32.2	31.1	30.1	29.3	27.6	26.0	24.1	22.0	19.9	18.0
20-24	62.2	62.3	62.5	63.3	62.8	64.4	68.4	73.1	76.6	79.5	78.7	76.2	70.8	66.5	63.2	59.6
25-29	106.9	109.0	110.7	112.1	111.1	108.4	105.1	98.8	95.3	93.4	93.1	95.8	100.5	103.1	106.2	106.7
30-34	104.2	105.1	107.2	108.9	111.3	111.7	114.3	117.4	117.9	115.1	111.6	106.4	99.8	96.1	95.6	97.9
35-39	41.6	42.4	43.2	44.3	46.2	48.4	50.1	51.6	52.6	51.8	51.7	52.4	52.1	52.7	52.8	51.8
40-44	6.8	7.3	7.6	7.8	8.1	8.3	8.1	8.4	8.7	8.5	9.0	9.6	9.6	9.7	10.2	10.4
45-49**	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6
<b>Sussex</b>																
General	62.8	63.4	63.6	63.8	66.3	68.3	70.4	72.1	75.9	76.7	77.3	77.0	77.7	75.4	74.7	74.9
10-14	1.1	1.1	1.1	0.9	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.3
15-19	58.2	55.5	48.3	45.7	45.0	45.3	46.9	48.0	51.3	50.3	49.2	46.1	45.1	40.6	38.4	35.3
20-24	136.2	136.9	141.5	138.9	142.2	140.2	139.1	136.3	138.4	134.3	129.7	125.3	122.4	113.8	106.7	103.7
25-29	122.9	128.1	128.5	129.8	136.4	144.3	148.3	154.5	162.9	159.8	155.5	149.0	142.5	133.7	129.9	128.5
30-34	76.1	79.5	83.7	88.4	93.7	97.9	101.4	102.8	103.1	106.2	110.2	111.3	115.0	118.7	119.3	117.1
35-39	25.3	26.5	28.5	29.1	31.8	33.6	35.5	36.7	40.8	42.5	43.5	45.9	48.5	46.4	48.4	53.8
40-44	4.9	5.0	5.5	6.1	6.4	6.4	6.3	6.0	6.0	6.3	6.5	7.1	8.0	8.8	9.6	9.7
45-49**	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.4	0.4	0.5	0.5	0.3	0.4

**Notes:**

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

Sources: National Center for Health Statistics  
Delaware 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 , 1996-2015**

**BLACK**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>																
General	68.8	68.9	68.2	67.5	67.3	67.0	67.8	69.0	69.9	70.2	69.7	68.5	67.2	66.0	65.1	64.7
10-14	2.8	2.5	2.3	2.0	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.7
15-19	82.6	79.4	75.3	71.0	67.5	64.1	62.4	61.7	61.2	60.2	58.4	55.5	51.9	47.8	43.5	39.6
20-24	136.4	136.9	135.1	132.5	130.5	128.5	129.0	130.6	131.5	130.9	128.3	123.4	118.2	113.2	108.8	105.6
25-29	96.4	98.0	98.9	99.7	101.1	102.4	104.7	106.9	108.1	108.2	107.1	105.3	103.5	102.4	102.0	102.0
30-34	62.7	63.8	64.2	64.8	65.8	66.8	68.5	70.6	72.2	73.4	73.9	73.9	73.9	74.4	75.6	77.3
35-39	29.8	30.5	31.0	31.6	32.3	33.0	33.9	34.9	35.6	36.1	36.4	36.7	37.2	38.0	39.3	40.7
40-44	6.5	6.8	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.5	9.7	10.0
45-49**	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8
<b>Delaware</b>																
General	68.3	68.9	68.9	69.2	69.4	69.4	69.5	70.7	71.1	71.1	71.1	70.6	68.8	67.6	66.3	65.9
10-14	3.9	3.3	2.9	2.3	2.1	1.7	1.6	1.4	1.5	1.4	1.5	1.4	1.3	1.0	0.9	0.8
15-19	95.4	90.9	86.9	82.0	77.8	73.4	69.9	67.2	65.6	62.9	60.0	56.4	51.4	47.1	41.8	37.1
20-24	145.8	146.4	144.6	142.2	137.8	133.7	133.8	135.5	134.9	133.2	131.8	128.0	121.9	116.7	111.0	107.5
25-29	92.3	96.8	100.5	103.9	106.9	108.0	105.3	104.2	104.2	102.5	101.7	103.1	102.4	102.4	102.8	104.7
30-34	55.1	57.7	58.2	61.2	64.0	68.4	71.7	76.9	78.1	81.0	80.5	78.9	76.4	75.4	75.6	77.0
35-39	25.2	26.2	27.3	29.2	30.3	31.1	33.1	35.2	35.7	37.1	39.4	41.4	42.8	44.5	45.3	46.4
40-44	4.6	4.9	5.2	5.3	6.4	6.9	7.1	7.9	8.6	8.9	9.2	9.4	9.2	9.1	9.2	9.5
45-49**	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.5	0.6	0.6	0.6	0.7	0.7	0.6	0.5
<b>Kent</b>																
General	65.8	66.4	67.3	69.1	68.9	69.1	69.2	70.8	69.9	69.9	69.6	68.2	66.1	65.1	64.3	64.2
10-14	3.3	3.0	3.1	2.2	2.1	2.5	2.2	2.0	1.9	1.3	0.8	0.8	0.4	0.3	0.4	0.6
15-19	66.8	68.0	70.3	73.6	75.9	77.0	74.8	71.7	69.7	65.6	63.5	58.2	55.6	50.8	44.5	37.0
20-24	142.9	131.5	121.1	118.9	115.1	111.4	117.5	130.8	132.5	139.6	141.7	139.5	131.9	129.2	125.8	127.9
25-29	90.7	97.1	105.8	107.4	104.0	102.2	90.9	84.5	81.2	80.0	79.3	83.3	88.0	93.8	98.7	107.1
30-34	56.9	58.3	56.8	60.5	59.8	61.6	63.4	67.4	67.1	67.6	65.8	60.6	53.9	51.9	52.9	52.9
35-39	23.2	24.8	25.2	25.4	25.4	26.6	30.2	31.9	33.7	33.4	34.5	34.4	36.6	36.9	38.7	39.8
40-44	4.2	4.1	4.9	5.1	5.2	6.1	7.0	7.8	8.0	8.8	9.9	9.6	8.7	9.0	8.9	7.8
45-49**	0.0	0.0	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.0	0.6	0.9	0.8	1.1	1.3	0.9
<b>New Castle</b>																
General	66.9	67.5	68.0	68.0	67.9	67.7	68.2	68.8	69.5	69.6	69.9	69.6	68.0	66.7	65.2	65.0
10-14	3.9	3.1	2.6	2.1	1.8	1.3	1.2	1.2	1.2	1.3	1.4	1.3	1.3	0.9	0.9	0.7
15-19	98.9	92.0	87.0	80.6	74.9	68.3	65.3	61.4	59.7	57.2	55.3	52.5	48.1	43.8	39.1	35.0
20-24	137.5	140.7	144.8	143.6	138.1	133.3	133.3	130.3	128.6	125.0	123.6	118.5	112.4	106.9	100.1	96.1
25-29	91.5	95.4	98.8	101.7	105.8	108.1	108.2	109.0	111.4	110.8	109.8	110.4	108.0	105.8	104.9	105.2
30-34	55.4	59.0	59.9	62.2	66.2	71.8	75.3	81.0	83.6	88.1	88.5	88.4	87.3	87.3	87.4	89.1
35-39	27.2	28.5	29.6	31.7	32.7	33.5	34.9	37.1	37.4	39.0	41.2	44.0	45.3	46.5	47.1	48.7
40-44	4.7	5.3	5.4	5.7	6.9	7.4	7.4	8.3	9.2	9.3	9.5	9.6	9.3	9.3	9.5	10.1
45-49**	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.4	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.4
<b>Sussex</b>																
General	78.2	78.9	75.7	75.7	77.3	78.0	76.8	80.7	81.4	80.8	79.8	80.2	77.8	77.0	75.4	74.0
10-14	4.5	4.4	3.7	3.0	3.2	2.7	2.4	2.1	2.3	2.3	2.6	2.8	2.4	2.2	2.0	1.8
15-19	125.3	120.3	108.9	98.1	92.0	90.3	83.7	87.6	87.3	86.5	78.3	73.8	61.9	58.5	51.5	48.2
20-24	187.6	195.5	183.2	177.3	177.5	175.5	163.6	165.0	166.2	159.8	154.4	155.2	151.9	145.5	142.8	135.0
25-29	98.5	103.7	102.3	111.0	117.6	117.3	116.1	118.8	115.5	110.3	109.8	108.0	102.9	101.2	99.5	98.5
30-34	51.2	50.6	50.4	56.2	56.7	56.6	60.8	66.0	62.8	62.3	62.2	63.7	67.3	67.0	67.9	71.4
35-39	18.1	16.4	18.8	20.3	22.9	23.5	26.4	28.6	27.8	30.5	35.7	36.0	37.0	45.6	46.8	45.8
40-44	4.5	4.1	4.6	4.0	5.4	5.7	5.8	5.7	6.6	7.0	6.9	8.0	9.3	8.3	7.7	8.2
45-49**	0.5	0.5	1.0	1.2	0.9	1.1	1.1	0.6	0.4	0.8	0.4	0.6	0.8	0.8	0.4	0.4

**Notes:**

1. Historical rates may change from one annual report to another due to refinements in the population estimates. Therefore, historical trends should not be examined by comparing rates from previous annual reports.

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

3. Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.

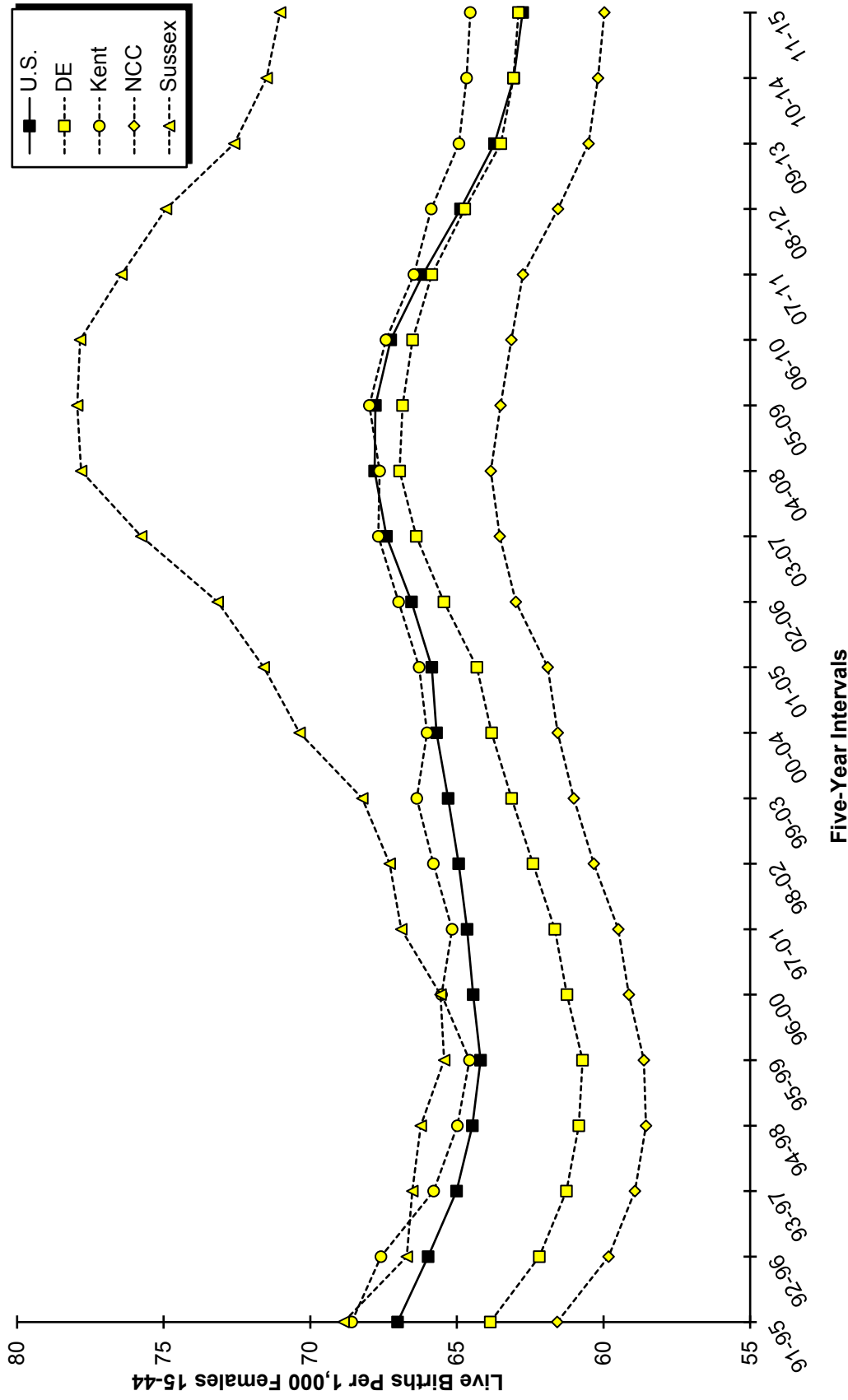
\*\* The number of births shown is the total for women aged 45-54 years. The birth rate is computed by dividing births to women aged

45-54 years by women aged 45-49 years, because most of the births in this group are to women aged 45-49.

**Sources:** National Center for Health Statistics

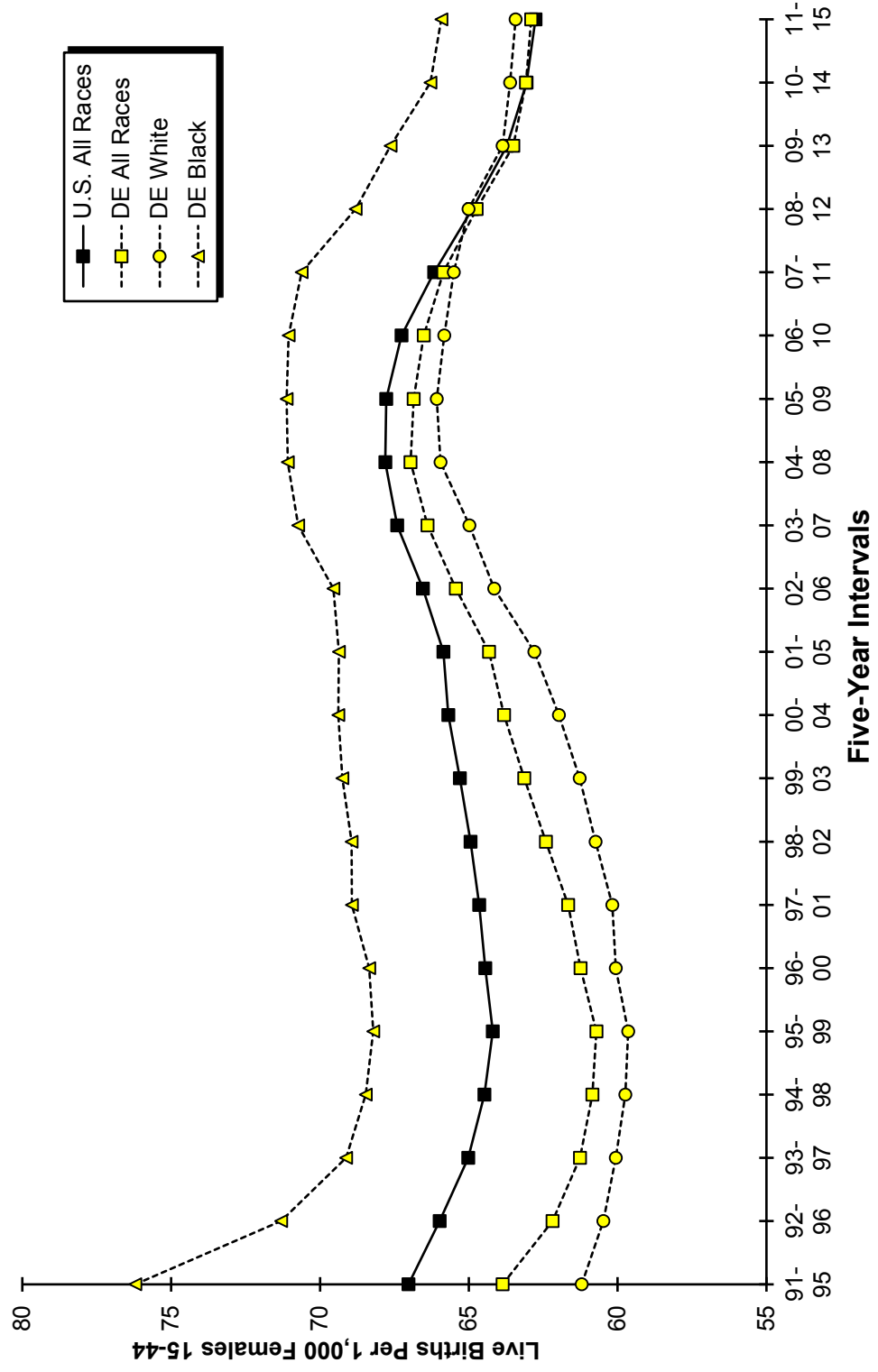
Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure C-6. Five-Year Average General Fertility Rates, U.S., Delaware, and Counties, 1991-2015**



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

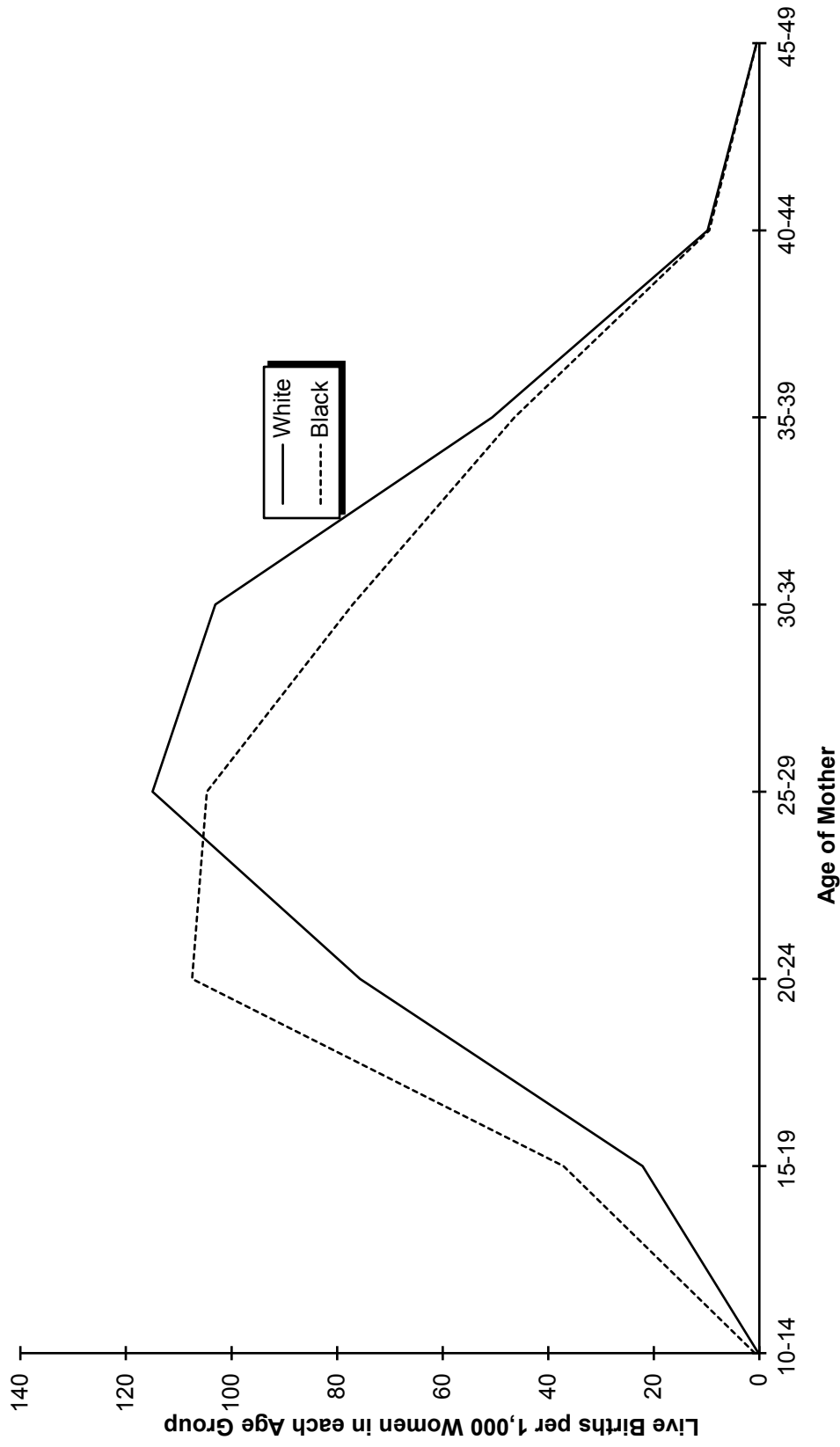
**Figure C-7. Five-Year Average General Fertility Rates by Race, U.S., and Delaware, 1991-2015**



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

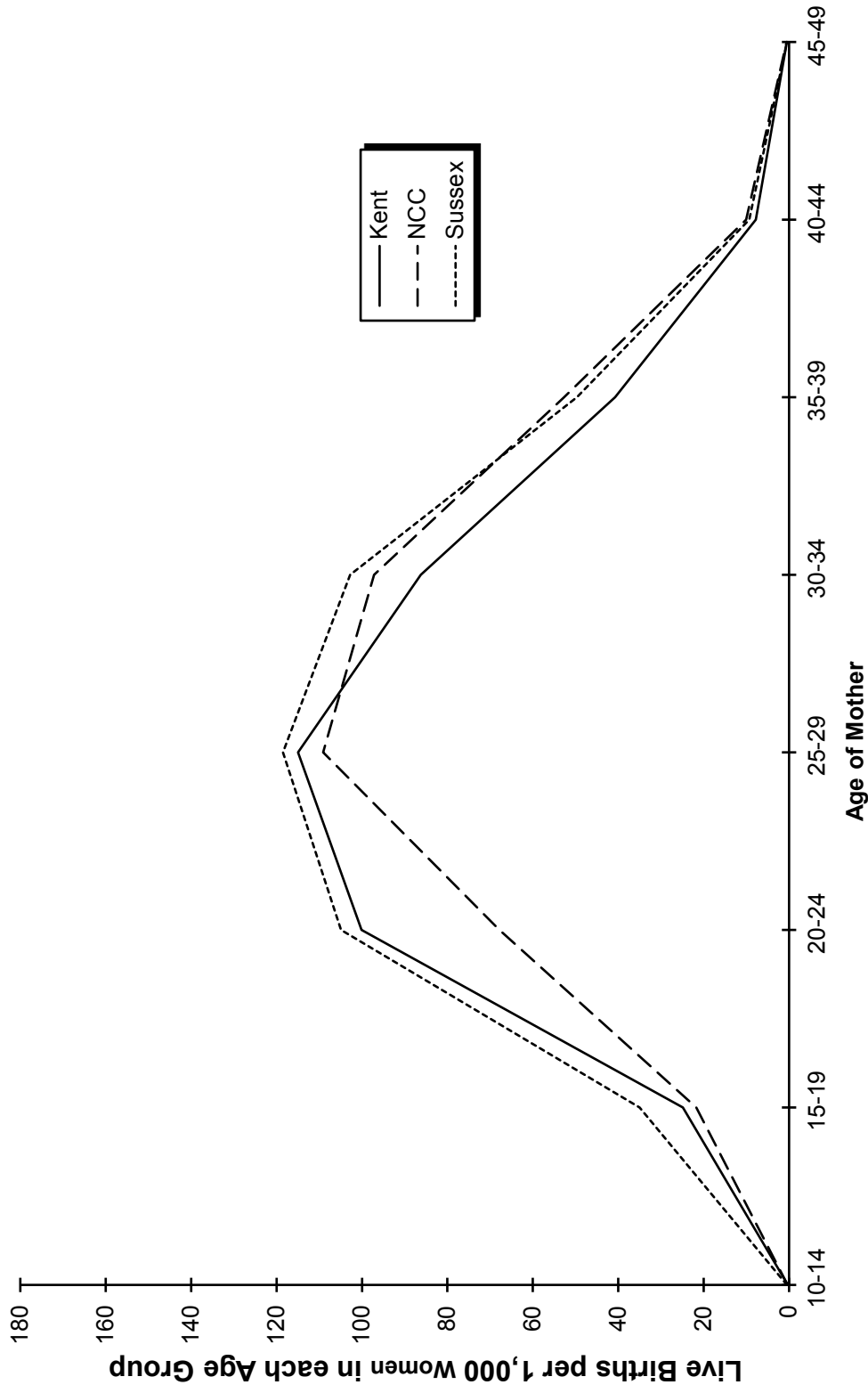


**Figure C-8. Five-Year Average Age-Specific Live Birth Rates by Race, Delaware, 2011-2015**



Sources: Delaware 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, 2011-2015**



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

**TABLE C-9. NUMBER OF LIVE BIRTHS BY AGE, RACE AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE 2015**

Area/ Age	Race										Hispanic Origin**
	All Races	White	Black	American Indian*	Asian or Pacific Islander (API)					All Other	
					Chinese	Japanese	Hawaiian	Filipino	Other API		
<b>Delaware</b>	11147	7247	3069	23	80	10	2	52	539	85	1542
<15	13	5	7	0	0	0	0	0	0	1	5
15-17	142	67	70	0	0	0	0	0	3	2	33
18-19	398	234	145	3	1	0	0	0	1	9	97
20-24	2280	1335	859	7	3	0	0	4	45	24	393
25-29	3320	2178	888	9	28	2	1	11	165	26	448
30-34	3197	2210	674	1	29	2	0	22	231	17	338
35-39	1494	1009	356	2	17	3	1	13	82	5	171
40+	303	209	70	1	2	3	0	2	12	1	57
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	2258	1493	672	13	4	2	1	15	34	23	214
<15	3	0	3	0	0	0	0	0	0	0	0
15-17	26	9	17	0	0	0	0	0	0	0	1
18-19	70	44	21	3	0	0	0	0	0	2	10
20-24	576	346	216	3	0	0	0	0	2	9	69
25-29	736	495	208	4	1	2	1	6	11	7	70
30-34	543	398	119	1	1	0	0	6	14	4	37
35-39	261	171	76	1	2	0	0	3	7	1	20
40+	43	30	12	1	0	0	0	0	0	0	7
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	6585	3904	2004	8	74	8	0	34	473	47	797
<15	5	1	3	0	0	0	0	0	0	1	1
15-17	78	33	41	0	0	0	0	0	3	1	16
18-19	213	101	103	0	0	0	0	0	1	5	51
20-24	1171	598	514	2	2	0	0	4	38	10	203
25-29	1868	1096	568	5	27	0	0	5	144	15	224
30-34	2087	1337	477	0	28	2	0	14	208	11	174
35-39	949	599	245	1	15	3	0	9	68	3	94
40+	214	139	53	0	2	3	0	2	11	1	34
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Wilmington</b>	973	369	573	0	1	1	0	2	13	8	136
<15	3	0	2	0	0	0	0	0	0	1	0
15-17	20	4	16	0	0	0	0	0	0	0	2
18-19	56	13	41	0	0	0	0	0	0	2	10
20-24	242	62	174	0	0	0	0	0	3	2	35
25-29	260	96	154	0	0	0	0	0	5	2	44
30-34	237	120	111	0	1	0	0	1	2	1	24
35-39	135	62	70	0	0	0	0	1	2	0	18
40+	20	12	5	0	0	1	0	0	1	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Balance of NC County</b>	5612	3535	1431	8	73	7	0	32	460	39	661
<15	2	1	1	0	0	0	0	0	0	0	1
15-17	58	29	25	0	0	0	0	0	3	1	14
18-19	157	88	62	0	0	0	0	0	1	3	41
20-24	929	536	340	2	2	0	0	4	35	8	168
25-29	1608	1000	414	5	27	0	0	5	139	13	180
30-34	1850	1217	366	0	27	2	0	13	206	10	150
35-39	814	537	175	1	15	3	0	8	66	3	76
40+	194	127	48	0	2	2	0	2	10	1	31
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	2304	1850	393	2	2	0	1	3	32	15	531
<15	5	4	1	0	0	0	0	0	0	0	4
15-17	38	25	12	0	0	0	0	0	0	1	16
18-19	115	89	21	0	1	0	0	0	0	2	36
20-24	533	391	129	2	1	0	0	0	5	5	121
25-29	716	587	112	0	0	0	0	0	10	4	154
30-34	567	475	78	0	0	0	0	2	9	2	127
35-39	284	239	35	0	0	0	1	1	7	1	57
40+	46	40	5	0	0	0	0	0	1	0	16
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.

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

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

**TABLE C-10. NUMBER OF LIVE BIRTHS TO MARRIED MOTHERS BY AGE OF MOTHER AND AGE OF FATHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Age of Mother	Age of Father									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	5983	0	1	8	264	1299	2145	1365	763	138
<15	0	0	0	0	0	0	0	0	0	0
15-17	4	0	1	0	1	0	0	1	0	1
18-19	24	0	0	5	9	7	3	0	0	0
20-24	552	0	0	1	191	251	72	11	11	15
25-29	1799	0	0	1	51	833	648	164	63	39
30-34	2292	0	0	0	10	176	1231	611	216	48
35-39	1091	0	0	1	2	28	178	541	315	26
40+	221	0	0	0	0	4	13	37	158	9
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	1220	0	0	4	114	350	376	234	128	14
<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	2	4	0	0	0	0	0
20-24	184	0	0	1	83	83	11	3	2	1
25-29	414	0	0	0	23	222	126	25	15	3
30-34	392	0	0	0	4	38	210	99	33	8
35-39	192	0	0	1	0	7	28	101	53	2
40+	32	0	0	0	0	0	1	6	25	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	3689	0	0	1	89	660	1417	916	511	95
<15	0	0	0	0	0	0	0	0	0	0
15-17	3	0	0	0	1	0	0	1	0	1
18-19	5	0	0	1	0	3	1	0	0	0
20-24	236	0	0	0	65	105	41	5	8	12
25-29	1040	0	0	0	18	438	412	114	33	25
30-34	1536	0	0	0	4	97	839	420	145	31
35-39	708	0	0	0	1	15	115	350	209	18
40+	161	0	0	0	0	2	9	26	116	8
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Wilmington</b>	306	0	0	0	9	48	118	72	47	12
<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	1	0	0	0	0	1	0	0	0	0
20-24	20	0	0	0	4	8	4	0	0	4
25-29	78	0	0	0	3	27	36	9	2	1
30-34	119	0	0	0	2	7	68	25	15	2
35-39	73	0	0	0	0	5	9	35	20	4
40+	14	0	0	0	0	0	1	3	10	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Balance of NC County</b>	3383	0	0	1	80	612	1299	844	464	83
<15	0	0	0	0	0	0	0	0	0	0
15-17	2	0	0	0	1	0	0	1	0	0
18-19	4	0	0	1	0	2	1	0	0	0
20-24	216	0	0	0	61	97	37	5	8	8
25-29	962	0	0	0	15	411	376	105	31	24
30-34	1417	0	0	0	2	90	771	395	130	29
35-39	635	0	0	0	1	10	106	315	189	14
40+	147	0	0	0	0	2	8	23	106	8
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	1074	0	1	3	61	289	352	215	124	29
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	1	0	0	0	0	0	0	0
18-19	13	0	0	2	5	4	2	0	0	0
20-24	132	0	0	0	43	63	20	3	1	2
25-29	345	0	0	1	10	173	110	25	15	11
30-34	364	0	0	0	2	41	182	92	38	9
35-39	191	0	0	0	1	6	35	90	53	6
40+	28	0	0	0	0	2	3	5	17	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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE C-11. NUMBER OF LIVE BIRTHS BY EDUCATION AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Education	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	11147	13	142	398	2280	3320	3197	1494	303	0
<9	579	10	9	14	97	195	136	90	28	0
9 to 11	1209	3	116	163	368	274	175	93	17	0
H.S. Graduate	2871	0	8	164	983	885	558	218	55	0
1 to 3 College	2899	0	4	54	706	955	756	350	74	0
4+ College	3517	0	0	0	113	985	1558	734	127	0
Unknown	72	0	5	3	13	26	14	9	2	0
<b>Kent</b>	2258	3	26	70	576	736	543	261	43	0
<9	108	2	2	3	21	34	19	20	7	0
9 to 11	232	1	20	25	74	60	32	18	2	0
H.S. Graduate	601	0	2	30	234	192	88	44	11	0
1 to 3 College	734	0	1	12	214	255	169	74	9	0
4+ College	565	0	0	0	28	188	232	103	14	0
Unknown	18	0	1	0	5	7	3	2	0	0
<b>New Castle</b>	6585	5	78	213	1171	1868	2087	949	214	0
<9	206	4	2	3	37	64	49	38	9	0
9 to 11	628	1	65	91	193	131	88	49	10	0
H.S. Graduate	1663	0	5	95	539	506	357	122	39	0
1 to 3 College	1533	0	3	22	321	488	446	203	50	0
4+ College	2512	0	0	0	74	665	1138	531	104	0
Unknown	43	0	3	2	7	14	9	6	2	0
Wilmington	973	3	20	56	242	260	237	135	20	0
<9	37	2	0	1	10	12	7	4	1	0
9 to 11	183	1	18	36	55	36	20	16	1	0
H.S. Graduate	362	0	1	17	131	112	64	33	4	0
1 to 3 College	175	0	0	2	35	55	51	29	3	0
4+ College	205	0	0	0	8	43	91	52	11	0
Unknown	11	0	1	0	3	2	4	1	0	0
Balance of NC County	5612	2	58	157	929	1608	1850	814	194	0
<9	169	2	2	2	27	52	42	34	8	0
9 to 11	445	0	47	55	138	95	68	33	9	0
H.S. Graduate	1301	0	4	78	408	394	293	89	35	0
1 to 3 College	1358	0	3	20	286	433	395	174	47	0
4+ College	2307	0	0	0	66	622	1047	479	93	0
Unknown	32	0	2	2	4	12	5	5	2	0
<b>Sussex</b>	2304	5	38	115	533	716	567	284	46	0
<9	265	4	5	8	39	97	68	32	12	0
9 to 11	349	1	31	47	101	83	55	26	5	0
H.S. Graduate	607	0	1	39	210	187	113	52	5	0
1 to 3 College	632	0	0	20	171	212	141	73	15	0
4+ College	440	0	0	0	11	132	188	100	9	0
Unknown	11	0	1	1	1	5	2	1	0	0

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

**TABLE C-12. NUMBER AND PERCENT OF LIVE BIRTHS BY EDUCATION, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNT, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Education	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11147	100.0	7247	100.0	3069	100.0	791	100.0	1542	100.0
<9	579	5.2	531	7.3	27	0.9	20	2.5	387	25.1
9 to 11	1209	10.8	693	9.6	458	14.9	48	6.1	315	20.4
H.S. Grad.	2871	25.8	1667	23.0	1114	36.3	88	11.1	437	28.3
1 to 3 College	2899	26.0	1857	25.6	926	30.2	107	13.5	265	17.2
4+ College	3517	31.6	2461	34.0	522	17.0	527	66.6	117	7.6
Unknown	72	0.6	38	0.5	22	0.7	1	0.1	21	1.4
<b>Kent</b>	2258	100.0	1493	100.0	672	100.0	92	100.0	214	100.0
<9	108	4.8	98	6.6	7	1.0	3	3.3	26	12.1
9 to 11	232	10.3	130	8.7	94	14.0	8	8.7	29	13.6
H.S. Grad.	601	26.6	359	24.0	226	33.6	16	17.4	73	34.1
1 to 3 College	734	32.5	476	31.9	232	34.5	26	28.3	63	29.4
4+ College	565	25.0	419	28.1	107	15.9	39	42.4	20	9.3
Unknown	18	0.8	11	0.7	6	0.9	0	0.0	3	1.4
<b>New Castle</b>	6585	100.0	3904	100.0	2004	100.0	644	100.0	797	100.0
<9	206	3.1	179	4.6	13	0.6	13	2.0	130	16.3
9 to 11	628	9.5	327	8.4	261	13.0	31	4.8	173	21.7
H.S. Grad.	1663	25.3	851	21.8	750	37.4	60	9.3	259	32.5
1 to 3 College	1533	23.3	892	22.8	568	28.3	67	10.4	139	17.4
4+ College	2512	38.1	1637	41.9	397	19.8	472	73.3	82	10.3
Unknown	43	0.7	18	0.5	15	0.7	1	0.2	14	1.8
<b>Wilmington</b>	973	100.0	369	100.0	573	100.0	25	100.0	136	100.0
<9	37	3.8	29	7.9	6	1.0	2	8.0	23	16.9
9 to 11	183	18.8	48	13.0	127	22.2	5	20.0	33	24.3
H.S. Grad.	362	37.2	85	23.0	274	47.8	3	12.0	52	38.2
1 to 3 College	175	18.0	53	14.4	117	20.4	5	20.0	21	15.4
4+ College	205	21.1	151	40.9	43	7.5	10	40.0	4	2.9
Unknown	11	1.1	3	0.8	6	1.0	0	0.0	3	2.2
<b>Balance of NC County</b>	5612	100.0	3535	100.0	1431	100.0	619	100.0	661	100.0
<9	169	3.0	150	4.2	7	0.5	11	1.8	107	16.2
9 to 11	445	7.9	279	7.9	134	9.4	26	4.2	140	21.2
H.S. Grad.	1301	23.2	766	21.7	476	33.3	57	9.2	207	31.3
1 to 3 College	1358	24.2	839	23.7	451	31.5	62	10.0	118	17.9
4+ College	2307	41.1	1486	42.0	354	24.7	462	74.6	78	11.8
Unknown	32	0.6	15	0.4	9	0.6	1	0.2	11	1.7
<b>Sussex</b>	2304	100.0	1850	100.0	393	100.0	55	100.0	531	100.0
<9	265	11.5	254	13.7	7	1.8	4	7.3	231	43.5
9 to 11	349	15.1	236	12.8	103	26.2	9	16.4	113	21.3
H.S. Grad.	607	26.3	457	24.7	138	35.1	12	21.8	105	19.8
1 to 3 College	632	27.4	489	26.4	126	32.1	14	25.5	63	11.9
4+ College	440	19.1	405	21.9	18	4.6	16	29.1	15	2.8
Unknown	11	0.5	9	0.5	1	0.3	0	0.0	4	0.8

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

**TABLE C-13. FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS, BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**ALL RACES**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	32.8	33.0	33.3	33.7	34.2	35.0	36.0	37.1	38.3	39.4	40.1	40.6	40.8	40.8	40.6	40.5
<20	78.3	78.9	79.3	79.8	80.5	81.4	82.5	83.6	84.7	85.6	86.4	87.2	87.9	88.3	88.6	88.8
20-24	47.6	48.6	49.6	50.7	51.9	53.3	54.8	56.4	57.9	59.3	60.6	61.8	62.9	63.8	64.6	65.2
25-29	22.6	23.0	23.7	24.5	25.5	26.7	28.1	29.4	30.8	31.9	32.8	33.5	34.1	34.6	35.2	35.9
30+	14.5	14.4	14.4	14.6	15.0	15.5	16.1	16.9	17.8	18.6	19.4	20.1	20.7	21.2	21.6	22.0
<b>Delaware</b>	37.1	38.0	38.9	39.8	40.5	41.8	42.9	44.1	45.4	46.4	47.0	47.6	47.7	47.6	47.4	47.2
<20	89.5	89.6	89.6	90.0	90.1	90.8	91.4	92.1	92.8	93.2	93.3	93.7	93.9	94.0	94.2	94.4
20-24	59.2	61.4	63.1	64.7	65.8	67.3	68.3	69.6	70.6	71.6	72.7	73.9	74.5	75.0	75.7	76.1
25-29	24.4	25.4	26.8	28.5	30.2	32.5	34.4	36.3	38.0	39.6	40.6	41.9	42.7	43.6	43.8	44.6
30+	14.0	14.4	14.8	15.2	15.8	16.9	17.7	18.5	19.8	20.9	21.8	22.9	24.0	24.8	25.7	26.5
<b>Kent</b>	38.0	38.8	39.2	40.0	40.6	41.5	41.8	42.8	43.6	43.9	44.0	45.0	45.1	45.0	45.0	45.7
<20	82.6	83.8	84.1	84.0	84.8	85.8	86.1	87.3	88.6	89.0	89.1	90.0	90.3	91.4	91.8	92.5
20-24	49.7	50.2	50.7	52.3	53.5	55.1	57.1	58.9	60.1	60.9	61.6	63.0	64.2	64.9	66.1	67.8
25-29	23.8	24.8	26.4	28.1	29.2	30.0	30.6	31.1	32.5	33.1	34.2	35.5	36.9	37.0	37.8	39.6
30+	16.3	16.7	16.4	16.3	16.2	17.4	17.4	18.5	19.6	20.6	20.9	22.5	22.9	23.8	24.6	25.8
<b>New Castle</b>	34.8	35.6	36.7	37.6	38.1	39.2	40.4	41.4	42.6	44.0	44.8	45.4	45.7	45.8	45.5	45.1
<20	92.5	92.4	92.0	92.3	92.0	92.4	93.0	93.5	94.3	94.9	95.1	95.3	95.4	94.9	95.1	95.3
20-24	63.9	66.4	68.3	70.1	70.8	71.8	72.2	73.5	74.2	75.5	76.8	78.1	78.5	79.1	79.8	80.1
25-29	23.2	24.0	25.3	26.9	28.8	31.3	33.5	35.6	37.3	39.1	40.3	41.8	42.6	43.7	43.9	44.2
30+	12.6	13.1	13.4	13.7	14.3	15.2	16.0	16.8	18.0	19.3	20.2	21.2	22.3	23.1	23.9	24.6
Wilmington	67.7	68.1	68.5	69.0	68.9	69.7	69.9	70.3	71.0	71.6	71.1	70.6	70.1	69.3	68.1	68.2
<20	96.6	96.5	96.2	96.0	95.8	96.0	96.4	97.0	97.6	98.1	97.9	97.9	97.7	97.5	96.9	97.1
20-24	82.3	83.5	84.3	85.1	85.3	86.1	86.6	87.6	88.3	89.5	90.0	90.7	90.5	90.8	90.9	91.5
25-29	53.9	55.0	55.9	57.7	58.5	61.9	62.8	63.4	63.5	65.8	65.4	66.7	67.9	69.7	68.0	69.4
30+	35.0	36.3	36.0	35.9	36.2	37.9	37.7	38.7	40.5	41.2	40.4	40.1	40.9	40.2	41.2	42.7
Balance of NC County	27.8	28.7	29.9	30.9	31.7	32.9	34.2	35.4	36.7	38.0	39.2	40.3	40.8	41.2	41.2	40.8
<20	89.9	90.1	89.7	90.2	90.0	90.4	91.1	91.7	92.6	93.2	93.7	94.1	94.4	93.8	94.3	94.5
20-24	57.6	60.5	62.7	65.0	65.9	67.2	67.5	68.9	69.7	71.0	72.6	74.3	75.1	76.0	76.9	77.2
25-29	18.2	18.9	20.3	21.8	24.0	26.4	28.6	30.8	32.6	34.0	35.6	37.2	38.0	39.1	39.8	39.9
30+	9.9	10.3	10.6	11.0	11.7	12.4	13.3	14.0	15.1	16.3	17.4	18.5	19.7	20.7	21.4	22.0
<b>Sussex</b>	44.7	45.7	46.6	47.6	48.8	51.0	52.4	53.9	55.3	56.1	56.2	56.6	56.1	55.8	55.4	54.9
<20	88.1	87.9	88.1	89.3	90.1	91.6	92.0	92.8	93.0	93.0	92.6	93.3	93.2	93.8	94.3	94.1
20-24	57.7	60.4	62.7	64.1	66.4	68.9	70.3	71.3	72.5	73.4	74.4	75.6	75.9	76.0	76.3	76.0
25-29	29.8	31.2	32.7	35.1	36.2	38.8	41.3	43.8	45.2	47.4	47.6	48.7	48.8	50.0	49.6	50.7
30+	19.0	18.9	20.3	21.2	22.8	24.6	26.1	26.6	28.0	28.6	29.5	30.6	31.7	32.2	33.7	34.3

Sources: National Center for Health Statistics  
Delaware 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, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**WHITE**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	26.4	26.8	27.3	27.9	28.6	29.6	30.7	32.0	33.2	34.3	35.1	35.6	35.9	35.9	35.8	35.8
<20	71.8	72.6	73.3	74.1	75.1	76.3	77.7	79.1	80.4	81.5	82.6	83.7	84.5	85.1	85.6	85.9
20-24	39.6	40.7	41.9	43.3	44.8	46.4	48.2	49.9	51.6	53.0	54.4	55.6	56.6	57.5	58.3	54.4
25-29	17.6	18.1	18.8	19.7	20.8	22.0	23.3	24.7	26.0	27.1	28.0	28.7	29.2	29.7	30.2	31.0
30+	11.1	11.1	11.3	11.6	12.1	12.6	13.3	14.2	15.1	15.9	16.8	17.5	18.0	18.5	19.0	19.4
<b>Delaware</b>	26.2	27.2	28.5	30.0	31.1	32.9	34.5	35.7	37.3	38.6	39.2	40.1	40.5	40.4	40.4	40.4
<20	82.5	83.1	83.3	84.3	84.8	86.1	87.3	88.2	89.3	90.1	90.3	90.8	91.2	91.4	91.9	92.1
20-24	47.6	49.8	52.1	54.8	56.7	59.0	60.6	62.0	63.2	64.4	65.4	66.8	67.5	67.9	68.7	69.1
25-29	16.6	17.7	19.0	20.8	22.6	25.1	27.2	29.3	31.1	32.8	33.9	35.5	36.1	37.1	37.4	38.1
30+	9.4	9.7	10.4	10.8	11.5	12.5	13.4	13.9	15.4	16.4	17.1	18.4	19.8	20.5	21.6	22.6
<b>Kent</b>	27.6	28.6	29.0	30.1	30.9	31.9	32.5	33.7	34.4	34.6	34.7	35.7	35.7	35.7	36.2	36.5
<20	73.4	75.5	76.0	76.7	78.1	79.8	81.1	82.8	84.2	84.9	85.0	85.4	85.8	87.3	88.0	88.8
20-24	37.2	37.6	38.3	40.6	42.7	44.9	47.3	48.8	50.1	50.6	51.5	52.7	54.5	55.2	56.6	57.4
25-29	16.4	17.6	18.5	20.1	21.4	21.9	22.6	23.5	24.3	24.5	25.7	27.1	27.4	28.2	29.3	30.3
30+	11.9	12.2	12.2	12.1	11.8	13.0	12.9	14.0	15.3	16.0	15.8	17.5	18.0	18.5	19.3	20.7
<b>New Castle</b>	23.4	24.5	26.0	27.6	28.5	30.0	31.5	32.6	33.9	35.5	36.3	37.2	37.8	37.9	37.9	37.7
<20	86.6	86.8	86.5	87.1	86.6	87.5	88.5	89.3	90.4	91.5	92.1	92.6	93.1	92.5	93.1	93.1
20-24	52.3	55.4	58.0	61.0	62.3	63.9	64.7	66.4	67.4	69.1	70.5	72.0	72.4	72.9	73.7	74.4
25-29	15.1	15.8	17.3	19.2	21.2	23.8	26.2	28.2	29.9	31.9	33.4	35.3	36.1	37.4	37.8	37.9
30+	7.9	8.3	8.8	9.3	9.9	10.6	11.4	11.8	13.0	14.0	14.8	15.8	17.3	18.1	19.0	19.9
Wilmington	38.5	39.6	40.9	42.7	43.6	45.5	46.3	47.3	48.1	49.0	48.3	48.6	48.1	47.1	45.2	44.8
<20	86.4	87.5	86.1	85.4	85.9	87.4	87.9	89.9	92.2	93.4	93.6	94.8	93.4	93.7	92.4	92.8
20-24	61.3	64.4	66.7	69.5	70.4	72.1	72.8	74.9	75.6	77.8	79.6	81.7	80.0	80.5	81.4	82.1
25-29	28.4	30.5	31.7	35.8	37.3	42.3	43.9	44.8	44.7	47.5	46.9	49.0	50.4	52.2	49.0	50.0
30+	16.6	16.8	17.4	17.2	17.5	18.8	18.7	19.3	21.2	20.9	20.2	20.5	21.8	20.4	21.6	22.4
Balance of NC County	22.0	23.0	24.5	26.0	26.9	28.4	29.9	31.0	32.3	34.0	35.0	35.9	36.6	36.8	37.1	36.9
<20	86.6	86.7	86.5	87.4	86.7	87.5	88.6	89.1	90.1	91.2	91.8	92.2	93.0	92.3	93.3	93.2
20-24	51.2	54.2	56.8	59.8	61.2	62.9	63.6	65.2	66.3	67.9	69.3	70.7	71.4	72.0	72.8	73.5
25-29	13.9	14.5	16.0	17.7	19.6	22.0	24.5	26.5	28.3	30.3	32.0	33.8	34.6	35.8	36.7	36.7
30+	7.1	7.6	8.1	8.6	9.3	9.9	10.8	11.2	12.3	13.3	14.3	15.3	16.9	17.8	18.7	19.6
<b>Sussex</b>	34.7	35.4	36.7	37.9	39.7	42.7	45.0	46.5	48.7	50.0	50.0	50.7	50.8	50.4	50.0	50.0
<20	81.7	81.9	82.5	84.9	86.4	88.4	89.4	90.3	90.9	91.1	90.7	91.3	91.4	91.9	92.4	92.4
20-24	48.2	50.1	54.0	56.1	59.3	62.6	65.1	65.6	67.0	68.1	68.8	70.0	70.8	70.9	71.0	71.0
25-29	22.7	24.3	25.5	26.9	28.4	31.9	34.3	37.4	40.0	42.5	42.3	43.6	43.8	44.5	43.9	45.5
30+	15.0	14.9	16.1	16.8	18.2	20.4	21.9	22.4	24.7	26.0	26.7	28.2	29.4	30.1	31.5	32.3

Note:

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

Sources: National Center for Health Statistics

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



**TABLE C-15. FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS, BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**BLACK**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	69.5	68.8	68.6	68.5	68.4	68.6	69.0	69.6	70.3	71.0	71.5	71.8	71.9	71.8	71.4	71.0
<20	96.2	95.7	95.7	95.8	95.9	96.0	96.2	96.4	96.6	96.8	97.0	97.2	97.3	97.3	97.3	97.2
20-24	80.6	80.4	80.7	81.0	81.3	81.7	82.2	82.9	83.6	84.4	85.3	86.0	86.6	87.1	87.4	87.5
25-29	57.4	57.0	57.4	57.9	58.7	59.7	60.8	62.0	63.0	64.0	64.8	65.6	66.1	66.7	67.2	67.8
30+	43.5	42.5	42.1	41.7	41.6	41.8	42.1	42.8	43.6	44.6	45.4	46.2	46.8	47.3	47.6	47.8
<b>Delaware</b>	72.2	72.0	71.8	71.1	70.7	70.7	70.6	70.9	71.5	71.7	72.0	72.1	72.1	71.8	71.4	71.1
<20	97.8	97.7	97.6	97.6	97.4	97.3	97.2	97.6	97.9	97.9	97.8	98.0	97.8	97.8	97.9	98.2
20-24	83.5	84.8	85.4	85.1	84.9	85.3	85.3	86.0	86.8	87.6	88.3	88.9	89.2	89.3	89.8	90.2
25-29	57.5	57.4	58.1	59.1	60.1	61.4	62.8	63.8	65.2	65.9	66.7	67.6	69.3	69.5	69.7	70.3
30+	41.7	41.3	40.0	39.1	39.5	40.1	40.0	40.8	41.4	42.0	43.1	43.7	44.1	45.0	45.9	46.5
<b>Kent</b>	70.5	70.1	70.3	69.6	69.2	68.6	68.3	67.8	68.2	68.5	68.2	68.3	69.4	68.9	68.1	69.2
<20	96.4	96.2	96.0	95.4	94.7	94.0	93.2	93.7	94.4	94.8	94.9	96.0	95.9	96.5	96.3	97.0
20-24	80.1	80.5	80.7	79.7	78.7	78.9	79.3	80.2	81.0	82.4	82.1	82.9	83.5	83.9	84.9	87.0
25-29	56.3	54.7	57.4	57.3	56.9	56.7	57.4	56.1	58.5	59.4	60.3	60.6	64.8	63.4	63.9	66.6
30+	37.7	37.7	36.2	35.9	36.4	36.7	36.7	36.7	36.9	38.0	39.1	39.6	41.0	42.5	42.0	43.1
<b>New Castle</b>	71.6	71.1	70.8	70.2	69.6	69.4	69.6	70.1	70.7	71.0	71.3	71.4	71.2	71.0	70.9	70.4
<20	98.4	98.3	98.2	98.4	98.3	98.2	98.4	98.6	98.9	98.9	98.8	98.6	98.4	98.1	98.1	98.4
20-24	85.2	86.4	87.2	87.3	87.1	87.5	87.5	88.2	88.6	89.4	89.9	90.3	90.6	90.7	91.2	91.3
25-29	56.7	56.9	57.2	58.1	59.8	61.9	63.5	65.4	66.5	67.0	67.3	68.3	69.1	69.6	69.8	70.1
30+	42.4	41.8	40.0	38.9	38.6	39.2	39.2	40.4	41.4	42.5	43.4	44.2	44.3	45.3	46.4	47.1
<b>Wilmington</b>	84.6	84.8	85.0	85.3	84.9	85.4	85.3	85.3	85.5	85.7	85.4	84.9	84.7	84.7	84.9	85.2
<20	99.0	98.7	98.9	99.0	98.9	98.9	99.2	99.3	99.3	99.4	99.0	98.8	98.9	98.9	99.1	99.3
20-24	90.6	91.3	91.5	91.6	91.8	92.0	92.4	93.3	93.6	94.2	94.5	94.5	94.8	94.9	94.9	95.1
25-29	73.2	74.0	74.7	75.2	75.2	77.2	77.6	77.6	78.1	79.9	80.0	80.3	81.5	82.7	82.0	82.9
30+	59.7	61.3	60.9	61.7	61.5	64.0	62.8	63.3	64.2	64.4	63.5	63.4	63.3	64.4	67.5	69.2
<b>Balance of NC County</b>	60.7	60.3	59.9	59.2	59.0	59.0	59.5	60.6	61.5	61.7	63.0	64.1	64.3	64.4	64.6	64.0
<20	97.6	97.7	97.3	97.4	97.6	97.4	97.4	97.8	98.4	98.3	98.5	98.4	98.0	97.3	97.3	97.7
20-24	79.7	81.7	83.1	83.3	83.0	83.5	83.2	84.1	84.6	85.4	86.5	87.5	88.1	88.3	89.3	89.3
25-29	46.2	46.6	47.0	48.5	51.7	54.2	56.2	59.0	60.4	59.9	60.7	62.3	63.1	63.5	64.5	64.5
30+	34.0	32.7	31.1	30.1	30.1	30.4	30.8	32.5	33.4	34.4	36.3	37.7	37.9	39.0	39.9	40.3
<b>Sussex</b>	76.4	77.6	77.5	76.9	77.7	78.6	78.1	78.3	79.3	79.3	80.5	80.5	80.2	79.6	79.1	77.5
<20	97.2	97.0	97.0	97.1	97.1	97.9	97.7	98.2	98.2	97.8	97.8	98.1	97.7	98.1	98.9	98.8
20-24	81.7	84.0	83.9	83.3	84.2	85.0	84.8	85.4	87.2	88.2	90.4	91.2	91.4	91.5	91.3	90.8
25-29	63.3	63.0	63.8	66.3	65.6	65.5	67.1	67.3	68.3	70.7	73.8	74.9	77.3	78.8	78.5	77.8
30+	42.3	43.2	44.5	45.0	49.7	51.8	51.1	50.3	49.0	45.9	47.8	47.2	48.5	47.7	49.4	48.7

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

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

**TABLE C-16. FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS, BY AGE OF MOTHER ,BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**HISPANIC ORIGIN\***

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	41.6	42.0	42.5	43.2	44.1	45.2	46.7	48.3	49.7	51.0	52.0	52.7	53.2	53.3	53.3	53.2
<20	72.0	72.9	73.3	73.9	74.9	76.2	78.0	79.7	81.2	82.6	83.9	85.1	86.0	86.7	87.2	87.5
20-24	47.5	48.4	49.5	50.7	52.1	53.7	55.7	57.7	59.5	61.1	62.6	63.9	65.0	65.8	66.4	67.0
25-29	31.6	32.1	33.1	34.3	35.7	37.2	39.1	40.9	42.5	44.0	45.2	46.1	46.9	47.4	47.8	48.3
30+	25.5	25.4	25.8	26.3	27.1	28.0	29.1	30.4	31.7	32.9	34.0	34.9	35.6	36.1	36.5	36.9
<b>Delaware</b>	50.8	51.6	52.9	55.0	56.3	58.5	59.6	61.1	62.3	63.5	63.8	64.8	64.6	64.1	63.1	63.0
<20	80.3	80.2	80.2	80.7	81.1	83.5	85.3	86.4	88.4	89.4	89.0	89.4	89.5	89.2	90.2	91.6
20-24	57.6	59.4	61.6	64.5	66.2	67.3	68.1	69.9	70.6	72.3	73.7	75.2	75.1	75.4	74.7	75.0
25-29	38.9	40.2	41.8	44.5	46.9	50.6	52.4	55.1	56.3	57.6	57.7	60.2	60.4	60.4	60.2	60.8
30+	32.2	31.7	33.1	35.0	36.4	38.2	39.9	40.2	42.6	43.9	45.1	46.0	47.5	47.7	47.6	47.5
<b>Kent</b>	44.9	42.2	41.3	41.1	44.5	47.8	48.4	51.9	54.4	55.0	55.0	56.5	54.8	54.8	53.7	54.7
<20	76.2	81.3	76.9	71.6	70.8	76.6	77.3	80.8	84.4	85.7	82.6	81.3	79.4	81.2	84.9	88.8
20-24	51.4	46.1	42.9	46.2	50.0	53.8	54.5	59.2	61.0	62.8	64.5	66.9	67.3	67.1	64.7	65.1
25-29	29.8	29.6	30.3	32.2	40.0	39.7	39.2	43.5	44.2	43.8	44.3	46.3	45.5	46.9	46.5	51.0
30+	27.3	24.4	24.7	22.2	19.8	24.3	26.9	29.1	35.8	37.2	38.2	40.0	37.2	35.5	36.5	36.0
<b>New Castle</b>	47.0	48.0	49.5	52.3	52.7	54.3	55.6	56.3	57.4	59.1	60.0	61.4	62.7	62.6	62.2	61.6
<20	79.0	78.1	78.6	79.9	79.3	81.3	83.4	84.3	86.8	88.7	89.5	90.7	91.4	90.6	92.1	93.1
20-24	54.0	56.4	59.2	63.1	64.6	64.8	66.0	67.4	67.7	69.8	72.2	74.2	75.2	77.5	78.0	78.8
25-29	34.0	34.8	37.0	40.0	41.7	45.5	47.2	48.7	49.8	51.4	51.7	55.1	56.8	57.1	58.0	57.6
30+	28.3	29.0	29.1	31.1	31.3	32.4	33.7	34.3	36.6	38.0	39.7	40.5	43.0	42.4	42.3	41.7
Wilmington	60.1	60.1	61.1	63.3	63.5	65.6	67.8	67.8	68.8	70.6	71.0	70.8	72.0	71.5	69.3	68.4
<20	83.2	82.9	81.9	81.8	82.2	84.5	86.0	88.1	91.5	93.6	94.4	95.1	93.8	93.2	89.9	89.6
20-24	61.3	63.3	66.8	69.0	69.0	69.4	71.8	72.7	74.2	78.1	81.8	83.2	82.2	83.1	82.2	79.5
25-29	46.9	47.9	48.5	52.5	52.4	57.2	61.6	61.9	61.0	62.0	62.5	62.0	64.5	67.3	66.8	68.1
30+	44.0	43.5	43.2	44.6	45.5	47.7	47.6	45.8	48.0	47.5	44.5	43.6	49.7	46.2	47.3	48.0
Balance of NC County	40.5	42.5	44.6	48.0	48.8	50.6	51.8	52.9	54.2	56.0	57.1	59.0	60.4	60.4	60.4	60.0
<20	75.5	74.9	76.5	78.9	77.6	79.7	82.2	82.6	85.0	86.9	87.8	89.2	90.6	89.8	92.8	94.2
20-24	49.9	53.1	55.7	60.6	62.8	63.1	64.0	65.6	65.6	67.2	69.0	71.4	73.2	75.9	76.8	78.6
25-29	29.0	29.5	32.9	35.9	38.5	42.1	43.3	45.4	46.9	48.7	49.0	53.4	54.9	54.5	55.9	55.1
30+	22.5	23.9	24.5	27.3	27.8	28.9	30.7	31.9	34.4	36.2	38.8	39.9	41.9	41.8	41.3	40.5
<b>Sussex</b>	61.4	63.1	64.7	65.6	67.7	70.3	71.3	73.1	73.6	73.9	72.8	72.8	70.7	69.7	68.0	68.5
<20	85.9	85.7	86.0	86.1	89.6	91.3	92.7	92.8	92.8	92.2	90.3	89.9	89.4	89.6	88.3	89.8
20-24	66.0	69.2	72.0	72.8	74.8	76.4	76.3	77.6	78.2	79.0	78.8	79.4	77.7	75.8	74.0	73.8
25-29	52.4	54.8	56.0	57.5	59.0	63.1	66.0	69.5	70.9	72.0	71.2	72.2	70.4	69.6	68.6	69.5
30+	46.3	43.9	47.7	49.8	54.0	56.4	57.5	57.7	57.7	58.1	57.3	57.6	57.4	58.9	58.3	59.3

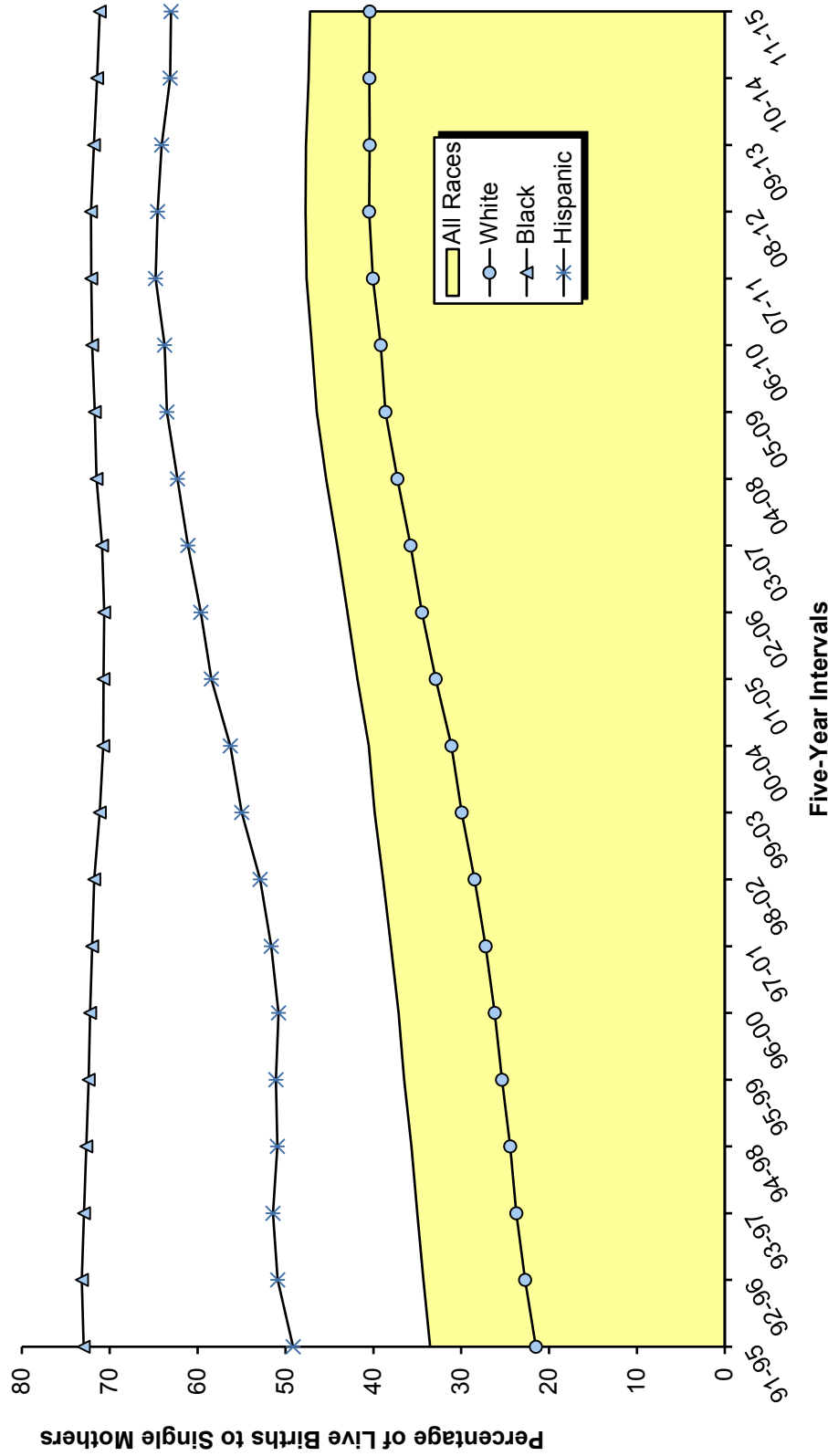
*Notes:*

\*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 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, 1991-2015**



Note: \* Hispanic may be of any race.  
 Sources: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE C-17. NUMBER OF LIVE BIRTHS BY AGE, MARITAL STATUS, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Age	Marital Status, Race, and Hispanic Origin														
	Total					Married					Single				
	All Races	White	Black	Other	Hispanic Origin*	All Races	White	Black	Other	Hispanic Origin*	All Races	White	Black	Other	Hispanic Origin*
<b>Delaware</b>	11147	7247	3069	791	1542	5983	4383	896	688	566	5164	2864	2173	103	976
<15	13	5	7	1	5	0	0	0	0	0	13	5	7	1	5
15-17	142	67	70	5	33	4	3	1	0	1	138	64	69	5	32
18-19	398	234	145	14	97	24	21	1	2	7	374	213	144	12	90
20-24	2280	1335	859	83	393	552	420	81	51	92	1728	915	778	32	301
25-29	3320	2178	888	242	448	1799	1324	258	214	168	1521	854	630	28	280
30-34	3197	2210	674	302	338	2292	1677	319	288	164	905	533	355	14	174
35-39	1494	1009	356	123	171	1091	787	188	113	95	403	222	168	10	76
40+	303	209	70	21	57	221	151	48	20	39	82	58	22	1	18
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	2258	1493	672	92	214	1220	966	193	60	90	1038	527	479	32	124
<15	3	0	3	0	0	0	0	0	0	0	3	0	3	0	0
15-17	26	9	17	0	1	0	0	0	0	0	26	9	17	0	1
18-19	70	44	21	5	10	6	6	0	0	1	64	38	21	5	9
20-24	576	346	216	14	69	184	152	29	3	21	392	194	187	11	48
25-29	736	495	208	32	70	414	336	55	22	29	322	159	153	10	41
30-34	543	398	119	26	37	392	304	65	23	19	151	94	54	3	18
35-39	261	171	76	14	20	192	145	35	12	15	69	26	41	2	5
40+	43	30	12	1	7	32	23	9	0	5	11	7	3	1	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	6585	3904	2004	644	797	3689	2474	609	593	313	2896	1430	1395	51	484
<15	5	1	3	1	1	0	0	0	0	0	5	1	3	1	1
15-17	78	33	41	4	16	3	2	1	0	0	75	31	40	4	16
18-19	213	101	103	6	51	5	3	1	1	1	208	98	102	5	50
20-24	1171	598	514	56	203	236	150	44	42	38	935	448	470	14	165
25-29	1868	1096	568	196	224	1040	682	176	181	96	828	414	392	15	128
30-34	2087	1337	477	263	174	1536	1056	218	255	96	551	281	259	8	78
35-39	949	599	245	99	94	708	476	134	95	57	241	123	111	4	37
40+	214	139	53	19	34	161	105	35	19	25	53	34	18	0	9
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilmington	973	369	573	25	136	306	204	83	19	44	667	165	490	6	92
<15	3	0	2	1	0	0	0	0	0	0	3	0	2	1	0
15-17	20	4	16	0	2	1	0	1	0	0	19	4	15	0	2
18-19	56	13	41	2	10	1	0	1	0	0	55	13	40	2	10
20-24	242	62	174	5	35	20	9	9	2	7	222	53	165	3	28
25-29	260	96	154	7	44	78	47	24	7	11	182	49	130	0	33
30-34	237	120	111	5	24	119	91	23	5	12	118	29	88	0	12
35-39	135	62	70	3	18	73	48	22	3	12	62	14	48	0	6
40+	20	12	5	2	3	14	9	3	2	2	6	3	2	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5612	3535	1431	619	661	3383	2270	526	574	269	2229	1265	905	45	392
<15	2	1	1	0	1	0	0	0	0	0	2	1	1	0	1
15-17	58	29	25	4	14	2	2	0	0	0	56	27	25	4	14
18-19	157	88	62	4	41	4	3	0	1	1	153	85	62	3	40
20-24	929	536	340	51	168	216	141	35	40	31	713	395	305	11	137
25-29	1608	1000	414	189	180	962	635	152	174	85	646	365	262	15	95
30-34	1850	1217	366	258	150	1417	965	195	250	84	433	252	171	8	66
35-39	814	537	175	96	76	635	428	112	92	45	179	109	63	4	31
40+	194	127	48	17	31	147	96	32	17	23	47	31	16	0	8
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	2304	1850	393	55	531	1074	943	94	35	163	1230	907	299	20	368
<15	5	4	1	0	4	0	0	0	0	0	5	4	1	0	4
15-17	38	25	12	1	16	1	1	0	0	1	37	24	12	1	15
18-19	115	89	21	3	36	13	12	0	1	5	102	77	21	2	31
20-24	533	391	129	13	121	132	118	8	6	33	401	273	121	7	88
25-29	716	587	112	14	154	345	306	27	11	43	371	281	85	3	111
30-34	567	475	78	13	127	364	317	36	10	49	203	158	42	3	78
35-39	284	239	35	10	57	191	166	19	6	23	93	73	16	4	34
40+	46	40	5	1	16	28	23	4	1	9	18	17	1	0	7
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

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

**TABLE C-18. NUMBER OF LIVE BIRTHS BY LIVE BIRTH ORDER AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Birth Order	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	11147	13	142	398	2280	3320	3197	1494	303	0
First	4415	13	130	334	1249	1326	972	321	70	0
Second	3501	0	12	57	670	1044	1151	485	82	0
Third	1832	0	0	6	259	562	597	342	66	0
Fourth+	1387	0	0	1	101	383	475	344	83	0
Unknown	12	0	0	0	1	5	2	2	2	0
<b>Kent</b>	2258	3	26	70	576	736	543	261	43	0
First	852	3	22	60	333	268	118	42	6	0
Second	689	0	4	8	166	231	193	78	9	0
Third	398	0	0	1	57	138	130	61	11	0
Fourth+	319	0	0	1	20	99	102	80	17	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	6585	5	78	213	1171	1868	2087	949	214	0
First	2756	5	73	176	651	836	725	232	58	0
Second	2071	0	5	33	325	569	753	326	60	0
Third	1000	0	0	4	138	281	339	195	43	0
Fourth+	747	0	0	0	56	178	268	194	51	0
Unknown	11	0	0	0	1	4	2	2	2	0
Wilmington	973	3	20	56	242	260	237	135	20	0
First	353	3	17	41	105	72	79	29	7	0
Second	257	0	3	12	72	80	56	31	3	0
Third	180	0	0	3	40	55	46	28	8	0
Fourth+	182	0	0	0	24	53	56	47	2	0
Unknown	1	0	0	0	1	0	0	0	0	0
Balance of NC County	5612	2	58	157	929	1608	1850	814	194	0
First	2403	2	56	135	546	764	646	203	51	0
Second	1814	0	2	21	253	489	697	295	57	0
Third	820	0	0	1	98	226	293	167	35	0
Fourth+	565	0	0	0	32	125	212	147	49	0
Unknown	10	0	0	0	0	4	2	2	2	0
<b>Sussex</b>	2304	5	38	115	533	716	567	284	46	0
First	807	5	35	98	265	222	129	47	6	0
Second	741	0	3	16	179	244	205	81	13	0
Third	434	0	0	1	64	143	128	86	12	0
Fourth+	321	0	0	0	25	106	105	70	15	0
Unknown	1	0	0	0	0	1	0	0	0	0

Note:

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

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

**TABLE C-19. NUMBER AND PERCENT OF LIVE BIRTHS BY LIVE BIRTH ORDER, RACE ,AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE 2015**

Area/ Birth Order	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11147	100.0	7247	100.0	3069	100.0	791	100.0	1542	100.0
First	4415	39.6	2849	39.3	1137	37.0	411	52.0	478	31.0
Second	3501	31.4	2381	32.9	844	27.5	272	34.4	445	28.9
Third	1832	16.4	1206	16.6	549	17.9	70	8.8	329	21.3
Fourth+	1387	12.4	807	11.1	538	17.5	38	4.8	282	18.3
Unknown	12	0.1	4	0.1	1	0.0	0	0.0	8	0.5
<b>Kent</b>	2258	100.0	1493	100.0	672	100.0	92	100.0	214	100.0
First	852	37.7	555	37.2	258	38.4	39	42.4	77	36.0
Second	689	30.5	477	31.9	178	26.5	34	37.0	59	27.6
Third	398	17.6	269	18.0	114	17.0	14	15.2	49	22.9
Fourth+	319	14.1	192	12.9	122	18.2	5	5.4	29	13.6
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>New Castle</b>	6585	100.0	3904	100.0	2004	100.0	644	100.0	797	100.0
First	2756	41.9	1645	42.1	746	37.2	351	54.5	253	31.7
Second	2071	31.5	1290	33.0	557	27.8	220	34.2	239	30.0
Third	1000	15.2	589	15.1	359	17.9	47	7.3	159	19.9
Fourth+	747	11.3	376	9.6	341	17.0	26	4.0	139	17.4
Unknown	11	0.2	4	0.1	1	0.0	0	0.0	7	0.9
Wilmington	973	100.0	369	100.0	573	100.0	25	100.0	136	100.0
First	353	36.3	158	42.8	179	31.2	15	60.0	27	19.9
Second	257	26.4	108	29.3	142	24.8	6	24.0	39	28.7
Third	180	18.5	61	16.5	116	20.2	2	8.0	34	25.0
Fourth+	182	18.7	42	11.4	136	23.7	2	8.0	35	25.7
Unknown	1	0.1	0	0.0	0	0.0	0	0.0	1	0.7
Balance of NC County	5612	100.0	3535	100.0	1431	100.0	619	100.0	661	100.0
First	2403	42.8	1487	42.1	567	39.6	336	54.3	226	34.2
Second	1814	32.3	1182	33.4	415	29.0	214	34.6	200	30.3
Third	820	14.6	528	14.9	243	17.0	45	7.3	125	18.9
Fourth+	565	10.1	334	9.4	205	14.3	24	3.9	104	15.7
Unknown	10	0.2	4	0.1	1	0.1	0	0.0	6	0.9
<b>Sussex</b>	2304	100.0	1850	100.0	393	100.0	55	100.0	531	100.0
First	807	35.0	649	35.1	133	33.8	21	38.2	148	27.9
Second	741	32.2	614	33.2	109	27.7	18	32.7	147	27.7
Third	434	18.8	348	18.8	76	19.3	9	16.4	121	22.8
Fourth+	321	13.9	239	12.9	75	19.1	7	12.7	114	21.5
Unknown	1	0.0	0	0.0	0	0.0	0	0.0	1	0.2

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

**TABLE C-20. NUMBER OF LIVE BIRTHS BY PLURALITY AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Plurality	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	11147	13	142	398	2280	3320	3197	1494	303	0
Single	10779	13	140	394	2238	3207	3074	1424	289	0
Plural	368	0	2	4	42	113	123	70	14	0
<b>Kent</b>	2258	3	26	70	576	736	543	261	43	0
Single	2175	3	26	70	568	704	521	242	41	0
Plural	83	0	0	0	8	32	22	19	2	0
<b>New Castle</b>	6585	5	78	213	1171	1868	2087	949	214	0
Single	6364	5	76	211	1145	1807	2008	908	204	0
Plural	221	0	2	2	26	61	79	41	10	0
Wilmington	973	3	20	56	242	260	237	135	20	0
Single	941	3	18	56	236	252	223	133	20	0
Plural	32	0	2	0	6	8	14	2	0	0
Balance of NC County	5612	2	58	157	929	1608	1850	814	194	0
Single	5423	2	58	155	909	1555	1785	775	184	0
Plural	189	0	0	2	20	53	65	39	10	0
<b>Sussex</b>	2304	5	38	115	533	716	567	284	46	0
Single	2240	5	38	113	525	696	545	274	44	0
Plural	64	0	0	2	8	20	22	10	2	0

Note:  
Plural births represent twins, triplets, etc.

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

**TABLE C-21. NUMBER AND PERCENT OF LIVE BIRTHS BY PLURALITY, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE 2015**

Area/ Plurality	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11147	100.0	7247	100.0	3069	100.0	791	100.0	1542	100.0
Single	10779	96.7	7013	96.8	2959	96.4	771	97.5	1493	96.8
Plural	368	3.3	234	3.2	110	3.6	20	2.5	49	3.2
<b>Kent</b>	2258	100.0	1493	100.0	672	100.0	92	100.0	214	100.0
Single	2175	96.3	1434	96.0	654	97.3	86	93.5	210	98.1
Plural	83	3.7	59	4.0	18	2.7	6	6.5	4	1.9
<b>New Castle</b>	6585	100.0	3904	100.0	2004	100.0	644	100.0	797	100.0
Single	6364	96.6	3784	96.9	1921	95.9	630	97.8	770	96.6
Plural	221	3.4	120	3.1	83	4.1	14	2.2	27	3.4
Wilmington	973	100.0	369	100.0	573	100.0	25	100.0	136	100.0
Single	941	96.7	359	97.3	553	96.5	25	100.0	133	97.8
Plural	32	3.3	10	2.7	20	3.5	0	0.0	3	2.2
Balance of NC County	5612	100.0	3535	100.0	1431	100.0	619	100.0	661	100.0
Single	5423	96.6	3425	96.9	1368	95.6	605	97.7	637	96.4
Plural	189	3.4	110	3.1	63	4.4	14	2.3	24	3.6
<b>Sussex</b>	2304	100.0	1850	100.0	393	100.0	55	100.0	531	100.0
Single	2240	97.2	1795	97.0	384	97.7	55	100.0	513	96.6
Plural	64	2.8	55	3.0	9	2.3	0	0.0	18	3.4

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



**TABLE C-22. NUMBER AND PERCENT OF LIVE BIRTHS BY PLACE OF BIRTH, TYPE OF FACILITY, AND RESIDENCE STATUS, DELAWARE, 2015**

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
<b>DELAWARE</b>						
HOSPITAL						
Beebe Medical Center	890	8.0	910	7.9	20	2.1
Kent General	1982	17.8	2025	17.6	43	4.6
Christiana Care	5677	50.9	6425	55.8	748	79.7
Milford Memorial	295	2.6	298	2.6	3	0.3
Nanticoke Memorial	831	7.5	862	7.5	31	3.3
St. Francis	709	6.4	742	6.4	33	3.5
Total	10384	93.2	11262	97.8	878	93.5
BIRTHING CENTER	131	1.2	184	1.6	53	5.6
HOME BIRTH	52	0.5	53	0.5	1	0.1
ENROUTE/OTHER	5	0.0	6	0.1	1	0.1
UNKNOWN	0	0.0	6	0.1	6	0.6
TOTAL	10572	94.8	11511	100.0	939	100.0
<b>OUT-OF-STATE</b>						
HOSPITAL						
Crozier Med. Center, PA	99	0.9	N/A		N/A	
Peninsula General, MD	111	1.0	N/A		N/A	
Riddle Memorial, PA	30	0.3	N/A		N/A	
Other Hospitals	331	3.0	N/A		N/A	
Total	571	5.1	N/A		N/A	
BIRTHING CENTER	1	0.0	N/A		N/A	
HOME BIRTH	0	0.0	N/A		N/A	
ENROUTE/OTHER	1	0.0	N/A		N/A	
UNKNOWN	2	0.0	N/A		N/A	
TOTAL	575	5.2	N/A		N/A	
<b>TOTAL</b>	<b>11147</b>	<b>100.0</b>	<b>11511</b>	<b>100.0</b>	<b>939</b>	<b>100.0</b>

*Notes:*

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

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

**TABLE C-23. FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**ALL RACES**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	7.5	7.6	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0
<20	9.6	9.6	9.6	9.6	9.7	9.8	9.9	9.9	9.9	9.9	9.8	9.7	9.6	9.5	9.5	9.4
20-24	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3
25-29	6.6	6.7	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.3
30+	7.5	7.6	7.7	7.7	7.8	8.0	8.1	8.2	8.2	8.3	8.3	8.3	8.2	8.2	8.2	8.1
<b>Delaware</b>	8.6	8.8	9.0	9.2	9.3	9.4	9.4	9.3	9.1	9.0	8.9	8.8	8.6	8.5	8.5	8.5
<20	11.0	11.1	11.3	11.2	11.2	11.5	11.4	11.2	11.3	11.1	10.5	10.4	10.1	9.8	9.9	9.6
20-24	9.1	8.9	9.1	9.5	9.5	9.6	9.8	9.9	9.5	9.4	9.3	9.0	8.7	8.8	8.9	8.9
25-29	7.6	7.6	7.9	8.3	8.4	8.6	8.5	8.2	8.1	8.0	8.0	8.1	8.1	8.2	8.3	8.3
30+	8.2	8.7	8.9	9.0	9.2	9.3	9.3	9.1	9.0	9.0	8.9	8.7	8.5	8.4	8.1	8.4
<b>Kent</b>	8.1	8.6	8.9	9.2	9.3	9.5	9.3	9.3	9.0	8.8	8.6	8.5	8.3	8.5	8.6	8.9
<20	9.8	11.0	11.9	12.0	11.3	12.4	11.7	11.4	11.0	11.8	10.3	10.4	9.8	10.4	10.9	10.2
20-24	8.1	8.2	8.3	9.1	9.4	9.3	9.8	9.8	9.2	8.2	8.5	8.2	7.7	7.9	8.6	8.6
25-29	7.1	7.5	7.2	7.6	7.6	7.9	7.4	7.5	7.7	7.9	7.9	8.0	8.2	8.2	8.4	8.5
30+	8.2	8.7	9.6	9.6	9.8	9.8	9.7	9.6	9.4	9.3	9.0	8.9	8.7	8.8	8.4	9.1
<b>New Castle</b>	8.8	9.1	9.3	9.6	9.7	9.9	9.9	9.8	9.6	9.5	9.4	9.1	8.9	8.9	8.7	8.8
<20	11.3	11.6	11.8	11.5	11.9	12.5	12.4	12.5	12.7	12.0	11.2	11.0	10.3	10.1	10.2	9.8
20-24	10.0	10.0	10.2	10.4	10.3	10.5	10.5	10.6	10.4	10.5	10.2	9.8	9.7	9.8	9.7	9.9
25-29	7.8	7.9	8.4	8.7	8.8	9.0	9.1	8.7	8.4	8.5	8.4	8.5	8.4	8.5	8.4	8.4
30+	8.2	8.7	8.9	9.1	9.3	9.6	9.6	9.4	9.2	9.1	9.1	8.7	8.5	8.4	8.3	8.4
<b>Wilmington</b>	13.1	13.5	14.2	14.1	14.0	14.4	13.9	13.6	13.4	13.5	13.2	12.6	12.3	12.3	11.8	12.0
<20	14.4	14.6	14.9	14.2	13.8	14.7	14.7	14.4	14.5	14.6	14.3	12.7	12.1	13.2	12.7	11.7
20-24	13.4	13.9	14.4	15.1	14.7	15.1	14.7	14.2	13.6	13.9	13.5	13.0	13.6	14.1	13.6	14.1
25-29	13.5	13.0	14.0	13.0	12.7	12.8	12.8	12.9	13.2	13.7	13.7	12.8	11.9	11.4	10.7	10.6
30+	11.1	12.6	13.6	13.7	14.3	14.5	13.4	12.9	12.7	12.2	11.8	12.0	11.5	11.4	11.1	11.8
<b>Balance of NC County</b>	7.9	8.1	8.3	8.6	8.8	9.0	9.1	9.0	8.8	8.6	8.5	8.4	8.2	8.2	8.2	8.2
<20	9.5	9.9	10.1	10.0	10.9	11.4	11.1	11.5	11.7	10.7	9.8	10.3	9.5	8.7	9.1	9.0
20-24	8.9	8.7	8.7	8.8	8.8	9.0	9.1	9.4	9.3	9.4	9.2	8.9	8.6	8.7	8.7	8.8
25-29	6.9	7.0	7.5	8.0	8.2	8.4	8.4	7.9	7.6	7.5	7.5	7.7	7.7	8.0	8.0	8.1
30+	7.9	8.2	8.3	8.6	8.8	9.0	9.1	9.0	8.8	8.6	8.7	8.3	8.0	8.0	7.9	7.9
<b>Sussex</b>	8.3	7.8	7.9	8.0	8.0	7.8	8.0	7.8	7.7	7.8	7.9	7.9	7.9	7.6	7.5	7.5
<20	11.1	10.1	9.4	9.6	9.4	8.4	8.8	8.2	8.4	8.7	8.9	9.0	10.0	8.7	8.4	8.8
20-24	7.7	6.9	7.3	7.6	7.6	7.9	8.4	8.4	8.0	8.1	8.2	8.0	7.6	7.6	7.4	7.1
25-29	7.3	6.7	7.1	7.6	7.5	7.6	7.7	7.5	7.2	6.9	7.0	7.1	7.1	7.2	7.8	7.5
30+	8.0	8.4	8.4	8.0	8.1	7.7	7.7	7.3	7.6	8.1	8.2	8.2	8.3	7.7	7.2	7.5

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

**TABLE C-24 FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS) ,BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**WHITE**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	6.5	6.6	6.6	6.7	6.8	6.9	7.0	7.1	7.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<20	8.1	8.1	8.1	8.2	8.2	8.3	8.4	8.5	8.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20-24	6.4	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25-29	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30+	6.6	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Delaware</b>	6.8	7.0	7.3	7.6	7.6	7.7	7.6	7.5	7.3	7.2	7.2	7.0	6.9	6.8	6.8	6.8
<20	8.3	8.6	8.7	8.8	8.9	8.9	8.7	8.8	8.6	8.3	7.6	7.5	7.5	7.3	7.6	7.8
20-24	6.8	6.7	7.2	7.5	7.6	7.5	7.7	7.6	7.4	7.3	7.4	7.2	6.8	6.7	6.7	6.6
25-29	5.9	5.8	6.2	6.9	7.0	7.2	7.0	6.8	6.6	6.6	6.5	6.4	6.4	6.5	6.6	6.5
30+	7.0	7.5	7.6	7.7	7.8	7.9	7.8	7.6	7.5	7.4	7.5	7.2	7.1	7.0	6.8	7.0
<b>Kent</b>	6.3	6.6	7.3	7.6	7.8	7.7	7.7	7.6	7.6	7.3	7.3	7.2	7.1	7.2	7.4	7.7
<20	7.6	8.9	10.1	10.1	9.4	9.7	9.2	9.3	9.3	9.5	8.1	8.0	7.3	7.3	8.7	8.6
20-24	6.3	6.3	6.8	7.3	7.7	7.4	8.3	8.0	7.8	7.0	7.5	6.8	6.4	6.2	6.6	6.4
25-29	4.7	4.9	4.9	6.0	6.2	6.4	5.9	6.0	6.4	6.6	6.6	6.8	7.1	7.3	7.3	7.4
30+	6.4	6.9	8.2	8.3	8.6	8.5	8.4	8.1	8.2	7.8	7.7	7.7	7.7	8.0	7.8	8.6
<b>New Castle</b>	6.9	7.2	7.3	7.7	7.8	8.0	7.9	7.8	7.6	7.4	7.2	7.0	6.9	6.8	6.7	6.7
<20	8.3	8.5	8.5	8.7	9.5	9.9	9.6	10.0	9.5	8.8	7.9	7.9	7.6	7.6	7.8	7.8
20-24	7.3	7.4	7.8	8.1	8.1	8.3	8.1	7.8	7.7	7.7	7.4	7.5	7.3	7.3	7.3	7.2
25-29	6.1	6.2	6.6	7.2	7.2	7.4	7.6	7.3	6.9	7.0	6.8	6.5	6.4	6.3	6.2	6.2
30+	7.0	7.4	7.4	7.6	7.7	8.0	7.8	7.7	7.6	7.3	7.4	7.0	6.8	6.8	6.7	6.8
<b>Wilmington</b>	8.3	8.8	9.4	9.2	9.3	9.1	8.8	8.1	7.9	7.7	8.1	7.6	8.2	8.3	8.0	8.1
<20	10.1	10.3	9.8	9.5	9.1	8.9	9.3	9.7	9.4	9.8	11.0	8.1	9.1	10.6	8.7	7.8
20-24	9.5	10.2	11.6	11.9	12.1	11.5	11.3	8.7	7.9	7.8	8.3	7.9	9.8	10.8	11.2	11.0
25-29	8.7	8.5	9.0	9.3	8.6	7.7	8.4	8.0	7.6	7.6	8.2	6.3	6.7	5.6	5.5	5.5
30+	6.9	7.9	8.3	7.4	8.3	8.7	7.5	7.4	7.7	7.2	7.3	8.1	8.3	8.4	8.0	8.5
<b>Balance of NC County</b>	6.7	7.0	7.1	7.5	7.6	7.9	7.8	7.8	7.5	7.4	7.1	7.0	6.7	6.6	6.6	6.6
<20	8.0	8.3	8.3	8.6	9.6	10.1	9.6	10.0	9.6	8.6	7.5	7.8	7.3	7.1	7.6	7.8
20-24	7.0	7.0	7.3	7.6	7.6	7.8	7.6	7.7	7.7	7.6	7.3	7.5	7.0	6.8	6.8	6.7
25-29	5.9	6.0	6.4	7.0	7.1	7.4	7.5	7.2	6.8	6.9	6.6	6.5	6.4	6.4	6.3	6.2
30+	7.0	7.4	7.3	7.6	7.7	7.9	7.8	7.7	7.6	7.3	7.4	6.9	6.7	6.6	6.6	6.6
<b>Sussex</b>	7.0	6.9	7.0	7.2	7.0	6.8	6.7	6.6	6.5	6.7	6.8	6.8	6.6	6.4	6.3	6.4
<20	8.9	8.6	7.7	7.8	7.1	6.1	6.5	6.3	6.3	6.6	6.7	6.7	7.6	6.8	6.7	7.5
20-24	6.3	5.8	6.3	6.4	6.3	6.1	6.5	6.7	6.6	6.9	7.3	7.0	6.3	6.1	5.8	5.7
25-29	6.2	5.7	6.2	6.8	6.8	7.0	6.5	6.4	5.9	5.6	5.6	5.7	5.8	6.0	6.8	6.6
30+	7.7	8.1	8.0	7.8	7.7	7.3	7.2	6.8	6.9	7.5	7.7	7.6	7.5	6.8	6.1	6.4

Note:  
N/A indicates data not available.

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

**TABLE C-25 FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**BLACK**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	13.0	13.0	13.1	13.1	13.2	13.3	13.4	13.5	13.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<20	13.6	13.6	13.7	13.8	13.9	14.0	14.2	14.2	14.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20-24	12.0	12.1	12.3	12.5	12.7	12.9	13.0	13.1	13.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25-29	12.2	12.1	12.1	12.1	12.2	12.4	12.5	12.6	12.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30+	14.6	14.4	14.3	14.3	14.2	14.2	14.3	14.3	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Delaware</b>	14.1	14.0	14.2	14.1	14.1	14.3	14.6	14.3	14.0	13.9	13.6	13.2	12.9	12.9	12.6	12.6
<20	14.1	14.1	14.5	14.2	14.2	14.9	14.8	14.4	14.8	15.0	14.4	14.4	13.8	13.2	12.9	11.8
20-24	13.7	13.3	13.2	13.5	13.4	13.9	14.0	14.4	13.6	13.4	12.9	12.4	12.2	12.5	12.4	12.6
25-29	14.2	13.8	13.8	13.3	12.8	13.1	13.2	12.6	12.7	12.7	12.8	13.1	12.8	13.0	12.9	12.8
30+	14.7	15.0	15.7	15.6	16.0	15.7	16.3	15.6	15.1	14.8	14.7	13.8	13.2	13.0	12.5	12.7
<b>Kent</b>	13.7	14.4	13.9	14.0	13.9	14.3	13.8	13.7	12.6	12.5	11.8	11.7	11.2	11.5	11.4	11.7
<20	13.4	14.6	14.9	15.0	14.4	15.6	14.2	13.5	12.4	13.9	13.1	13.9	13.4	14.3	13.4	11.4
20-24	12.6	12.8	12.2	12.9	13.3	13.6	13.1	13.4	12.2	11.0	10.7	11.0	10.5	11.5	12.3	12.5
25-29	13.9	14.8	12.8	13.1	12.2	12.8	12.2	12.2	11.4	11.3	10.8	10.3	10.5	10.5	11.1	12.1
30+	15.8	16.7	17.0	16.1	16.5	16.3	16.4	16.2	14.9	15.3	13.8	12.9	11.7	11.1	9.9	10.5
<b>New Castle</b>	14.6	14.6	14.9	14.7	14.7	14.8	15.1	14.9	14.6	14.5	14.3	13.8	13.3	13.4	13.1	13.2
<20	14.2	14.6	15.1	14.4	14.4	15.4	15.4	15.4	16.2	15.8	14.8	14.4	13.1	12.7	12.8	12.0
20-24	14.7	14.5	14.1	14.3	14.0	14.2	14.4	15.0	14.5	14.8	14.2	13.2	13.0	13.0	12.7	13.2
25-29	14.5	14.0	14.4	13.8	13.5	13.6	13.5	12.8	12.8	12.8	13.2	13.7	13.4	13.8	13.5	13.2
30+	15.1	15.3	16.0	16.3	16.6	16.2	16.8	16.0	15.4	15.0	15.0	14.2	13.6	13.6	13.2	13.5
<b>Wilmington</b>	15.8	16.2	17.0	17.1	17.0	17.7	17.3	17.1	16.8	17.0	16.3	15.7	14.8	15.1	14.5	14.8
<20	15.4	15.5	16.2	15.5	15.3	16.6	16.3	15.7	15.7	15.8	15.0	13.8	12.7	14.0	14.1	12.9
20-24	14.8	15.4	15.5	16.6	16.0	16.7	16.3	16.7	16.1	16.6	15.6	15.1	15.1	15.3	14.4	15.2
25-29	17.2	16.3	17.6	15.7	15.8	16.5	16.4	16.6	17.2	17.7	17.6	17.2	15.5	15.3	14.2	13.3
30+	16.7	18.6	20.8	22.4	22.7	22.4	21.3	19.8	18.7	18.0	17.1	16.7	15.3	15.3	15.4	16.6
<b>Balance of NC County</b>	13.7	13.3	13.2	13.0	13.1	12.9	13.7	13.5	13.2	13.0	13.1	12.8	12.5	12.6	12.5	12.5
<20	12.5	13.2	13.6	12.7	13.2	13.7	14.2	14.9	16.7	15.7	14.5	15.0	13.6	11.6	11.8	11.3
20-24	14.5	13.6	12.8	12.2	12.1	12.0	12.8	13.6	13.1	13.4	13.1	11.9	11.7	11.8	11.7	12.1
25-29	12.8	12.7	12.5	12.8	12.3	12.2	12.1	10.8	10.4	10.1	10.9	11.9	12.4	13.1	13.2	13.2
30+	14.4	13.7	14.0	13.9	14.4	13.9	15.3	14.7	14.2	13.9	14.3	13.4	13.0	13.0	12.6	12.5
<b>Sussex</b>	12.4	11.2	11.7	11.5	11.7	12.3	13.3	12.7	13.0	12.7	13.0	12.9	13.2	12.5	12.4	11.4
<20	14.2	12.4	12.4	12.7	13.6	12.6	13.6	12.4	13.1	13.5	14.5	14.9	16.6	13.8	12.8	11.6
20-24	11.4	10.3	10.8	11.5	11.5	13.1	13.9	13.5	12.3	11.6	11.2	11.3	11.6	11.9	11.7	10.8
25-29	12.8	11.1	12.0	10.9	10.0	11.1	13.2	12.6	14.3	14.2	14.1	14.3	13.7	13.2	13.0	11.9
30+	11.0	11.2	12.1	10.4	11.3	11.4	11.8	11.4	12.8	12.3	13.6	12.3	13.0	12.0	12.7	11.7

Note:  
N/A indicates data not available.

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

**TABLE C-26 FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS), BY AGE OF MOTHER ,BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**HISPANIC ORIGIN\***

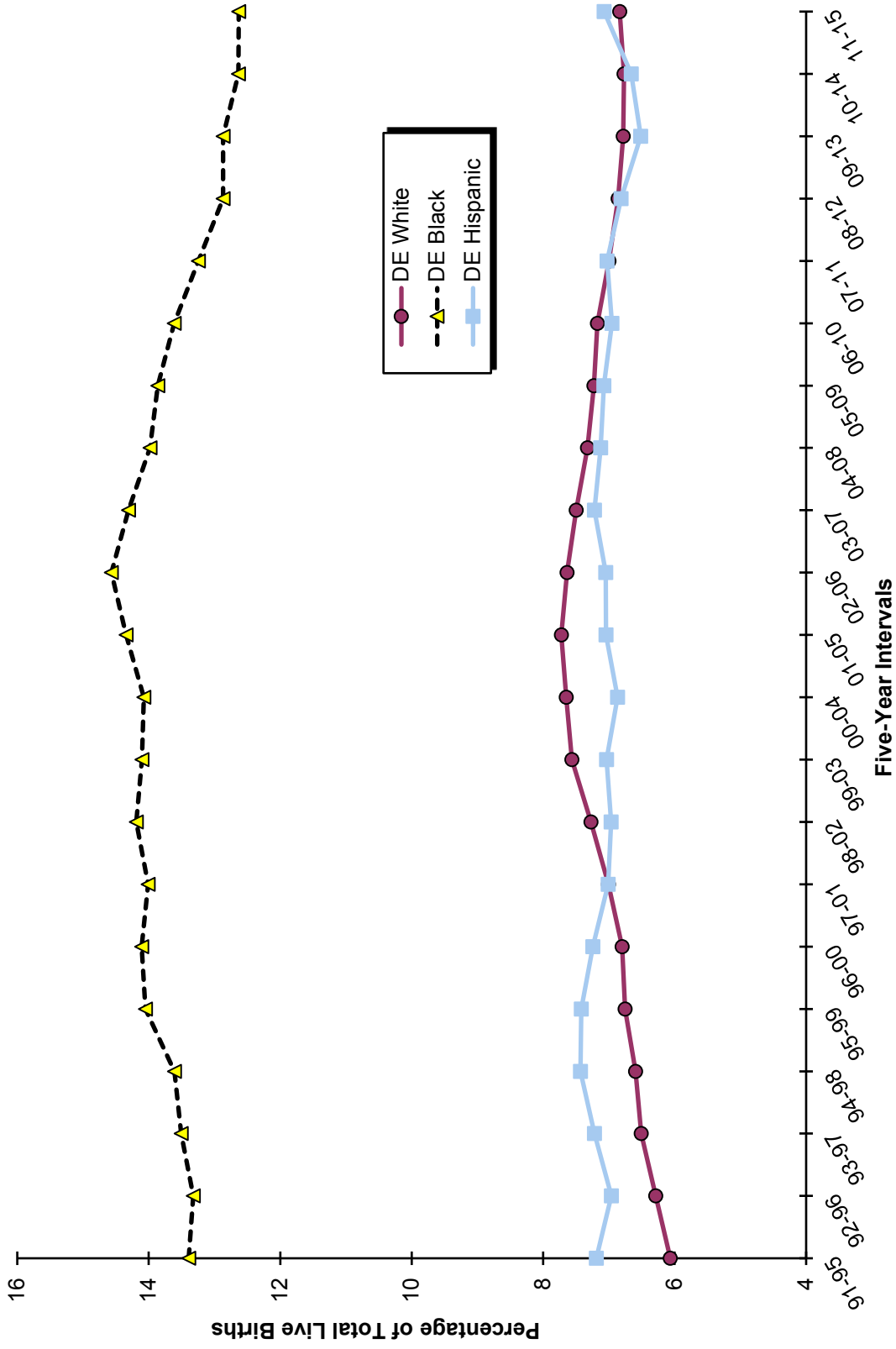
Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	6.4	6.4	6.4	6.5	6.6	6.7	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.1
<20	7.7	7.7	7.7	7.8	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9
20-24	6.0	6.0	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7
25-29	5.5	5.6	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.4
30+	6.8	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.6
<b>Delaware</b>	7.2	7.0	7.0	7.0	6.9	7.0	7.0	7.2	7.1	7.1	7.0	7.0	6.8	6.5	6.7	7.1
<20	9.5	10.0	8.4	8.4	8.2	8.3	7.8	8.4	7.6	7.5	6.9	7.0	7.0	7.3	7.8	8.5
20-24	5.8	5.4	6.3	6.9	7.2	6.9	7.2	7.4	7.0	6.6	6.9	6.8	5.9	5.5	6.0	6.6
25-29	7.4	6.7	6.5	6.5	6.4	6.9	6.9	6.6	6.7	6.4	6.1	6.1	6.1	5.8	6.1	6.2
30+	7.6	7.7	7.5	6.9	6.1	6.6	6.5	7.1	7.5	8.2	8.0	8.2	8.4	7.9	7.3	7.8
<b>Kent</b>	7.3	6.3	8.2	8.1	8.3	9.5	9.4	8.8	9.1	8.4	7.3	8.2	8.1	7.3	7.4	7.7
<20	9.5	7.8	10.3	12.3	7.9	10.8	12.6	9.2	7.8	8.8	7.6	6.5	7.5	7.9	8.1	6.3
20-24	6.4	5.0	7.1	7.6	10.3	9.7	11.0	10.6	10.0	7.7	7.4	8.3	7.8	6.4	6.4	7.4
25-29	5.3	4.8	7.7	6.7	8.0	11.3	9.4	8.0	9.8	9.9	7.8	9.3	8.9	8.5	7.3	7.3
30+	10.6	9.8	9.0	7.4	5.2	6.3	4.4	6.6	8.0	7.7	6.4	7.9	7.8	6.8	8.3	9.1
<b>New Castle</b>	8.1	7.9	7.7	7.5	7.4	7.6	7.5	7.8	8.0	7.9	7.8	7.9	7.7	7.4	7.5	7.7
<20	9.7	10.3	8.5	8.3	9.0	9.1	8.5	10.1	9.3	8.6	8.1	8.5	7.6	8.6	8.4	8.5
20-24	7.0	6.6	7.5	7.7	8.1	7.9	7.7	7.6	7.7	7.2	7.3	7.4	6.8	6.0	6.6	7.1
25-29	8.8	8.1	7.1	6.6	6.3	6.2	6.7	6.6	7.1	7.0	6.9	6.6	6.9	6.1	6.6	7.2
30+	7.5	7.8	8.1	7.5	6.7	7.9	7.6	8.0	8.4	9.0	9.1	9.3	9.2	9.3	8.5	8.3
<b>Wilmington</b>	9.2	8.8	9.7	8.9	8.9	9.4	9.8	9.3	9.8	9.7	9.9	8.8	10.2	9.2	8.8	9.1
<20	9.9	8.8	8.6	7.3	7.1	8.0	9.5	10.1	11.4	11.3	11.1	7.9	9.7	9.8	8.4	8.5
20-24	8.2	7.8	10.2	10.3	11.2	10.9	11.5	9.2	9.0	7.8	8.0	7.1	9.7	8.9	10.0	10.5
25-29	9.2	8.7	9.4	8.8	7.6	8.0	8.6	8.6	9.3	10.1	10.4	8.1	8.3	6.6	5.6	7.6
30+	10.0	10.6	10.4	8.1	8.5	10.3	8.5	9.3	10.3	11.0	11.5	12.7	14.0	12.5	10.9	9.5
<b>Balance of NC County</b>	7.6	7.6	6.9	7.0	6.9	7.0	6.8	7.4	7.5	7.4	7.2	7.6	7.0	6.9	7.1	7.4
<20	9.5	11.3	8.4	8.9	10.1	9.7	8.0	10.1	8.4	7.6	7.1	8.8	6.9	8.2	8.4	8.6
20-24	6.4	6.0	6.2	6.6	6.9	6.8	6.4	7.0	7.2	7.0	7.0	7.5	6.0	5.2	5.7	6.2
25-29	8.7	7.9	6.3	5.9	5.9	5.7	6.1	6.1	6.6	6.2	6.0	6.2	6.5	5.9	6.9	7.1
30+	6.6	6.9	7.3	7.4	6.3	7.3	7.4	7.7	8.0	8.7	8.6	8.6	8.4	8.7	8.0	8.1
<b>Sussex</b>	5.2	5.1	4.8	5.7	5.2	5.1	5.4	5.6	5.0	5.3	5.4	5.3	5.1	4.9	5.1	5.8
<20	8.7	9.7	7.5	7.2	6.0	5.2	4.4	4.5	4.5	4.8	4.3	4.3	5.5	4.1	6.3	9.3
20-24	3.4	3.3	3.5	5.1	4.4	4.2	5.1	5.9	4.9	5.3	6.2	5.5	4.0	4.4	4.6	5.3
25-29	5.1	4.5	4.9	6.1	6.2	7.0	6.7	6.0	5.1	4.3	4.1	4.4	4.0	4.4	5.0	4.3
30+	6.9	6.3	5.4	5.2	4.7	3.8	4.7	5.0	5.5	6.6	6.5	6.5	7.2	6.0	5.4	6.6

Notes:

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

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

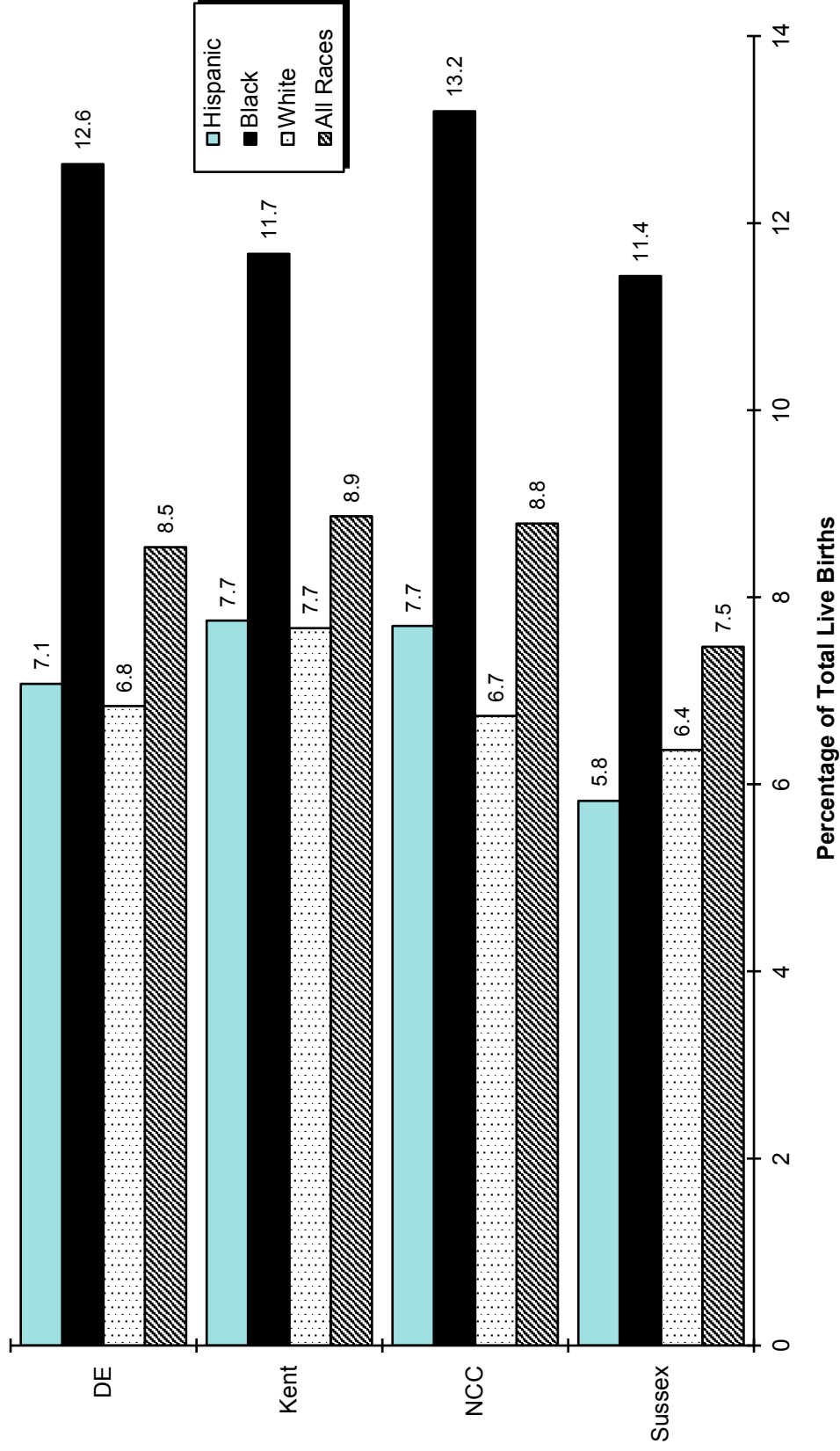
**Figure C-11 Five-Year Average Percentage of Low Birthweight Births (<2500 Grams), by Race and Hispanic Origin\*, Delaware, 1991-2015**



Note: \*Hispanic may be of any race.

Sources: Delaware 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, 2011-2015**



Note: \*Hispanic may be of any race.

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

**TABLE C-27. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**ALL RACES**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
<20	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	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	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	1.3	1.3
30+	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>Delaware</b>	1.9	1.8	1.9	1.9	1.9	1.9	2.0	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8
<20	2.4	2.4	2.5	2.5	2.2	2.4	2.4	2.4	2.4	2.7	2.4	2.3	2.3	2.2	1.9	1.8
20-24	2.1	2.0	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.7	1.7	1.8	1.7	1.7	1.8
25-29	1.6	1.5	1.6	1.7	1.7	1.7	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.8
30+	1.7	1.8	1.8	2.0	1.9	2.0	2.0	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8
<b>Kent</b>	1.8	1.8	1.8	1.9	2.0	1.9	1.8	1.8	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.7
<20	1.9	1.8	1.8	1.8	1.7	2.1	2.2	2.7	2.6	3.0	2.0	2.1	1.6	1.8	1.6	1.8
20-24	1.7	1.8	1.6	2.1	2.2	2.2	2.1	2.0	1.8	1.6	1.4	1.3	1.4	1.4	1.5	1.8
25-29	1.6	1.7	1.5	1.8	1.9	1.8	1.5	1.5	1.4	1.3	1.2	1.2	1.3	1.2	1.3	1.5
30+	2.1	2.0	2.2	2.0	1.9	1.7	1.6	1.5	1.7	1.9	1.7	1.8	1.7	1.7	1.5	1.7
<b>New Castle</b>	1.9	1.9	1.9	2.0	1.9	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0
<20	2.5	2.6	2.8	2.8	2.6	2.8	2.8	2.7	2.7	2.8	2.5	2.3	2.4	2.3	2.0	1.8
20-24	2.5	2.3	2.2	2.1	1.8	1.9	1.9	2.0	2.2	2.3	2.1	2.1	2.1	2.0	2.0	2.1
25-29	1.6	1.5	1.6	1.6	1.6	1.7	1.8	1.7	1.7	1.8	1.9	2.0	2.1	2.0	2.1	2.1
30+	1.7	1.7	1.8	2.1	2.0	2.1	2.2	2.1	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9
<b>Wilmington</b>	3.0	3.0	3.1	3.1	2.9	3.0	3.1	3.0	2.8	3.1	3.1	2.8	2.9	2.8	2.6	2.5
<20	3.2	3.2	3.5	3.2	2.7	2.7	2.9	2.6	3.0	3.2	3.2	2.3	2.7	2.2	2.0	1.9
20-24	3.5	3.3	3.3	3.5	3.3	3.3	3.2	3.1	2.7	2.8	2.4	2.4	2.7	2.9	2.9	3.0
25-29	2.6	2.4	2.5	2.4	2.7	3.1	3.5	3.5	3.3	3.2	3.5	3.1	2.9	2.7	2.5	2.5
30+	2.6	2.9	2.8	3.0	2.9	2.9	2.7	2.7	2.4	3.2	3.3	3.1	3.1	3.1	2.6	2.4
<b>Balance of NC County</b>	1.7	1.7	1.7	1.8	1.7	1.8	1.9	1.9	1.8	1.9	1.8	1.9	1.8	1.8	1.8	1.9
<20	2.1	2.2	2.5	2.6	2.6	2.9	2.8	2.7	2.6	2.6	2.1	2.3	2.3	2.3	2.1	1.8
20-24	2.1	2.0	1.9	1.6	1.4	1.4	1.5	1.7	2.0	2.1	2.0	2.0	1.9	1.8	1.7	1.8
25-29	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.7	1.8	1.9	1.9	2.0	2.0
30+	1.6	1.6	1.7	2.0	1.9	2.0	2.1	2.1	1.9	1.9	1.8	1.7	1.7	1.8	1.8	1.9
<b>Sussex</b>	1.7	1.6	1.7	1.6	1.6	1.6	1.7	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3
<20	2.6	2.4	2.3	2.3	1.9	1.6	1.7	1.6	1.7	2.2	2.4	2.3	2.5	2.2	1.9	1.7
20-24	1.6	1.4	1.5	1.4	1.4	1.5	1.5	1.4	1.3	1.3	1.3	1.4	1.5	1.5	1.3	1.2
25-29	1.4	1.3	1.6	1.8	1.8	1.9	1.9	1.8	1.6	1.3	1.2	1.0	0.8	1.1	1.3	1.2
30+	1.5	1.8	1.6	1.4	1.5	1.5	1.5	1.3	1.4	1.5	1.5	1.5	1.6	1.5	1.4	1.4

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



**TABLE C-28. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**WHITE**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<20	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20-24	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25-29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30+	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Delaware</b>	1.3	1.3	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
<20	1.7	1.7	1.9	2.0	1.8	1.9	1.9	1.7	1.7	1.8	1.4	1.4	1.5	1.4	1.3	1.3
20-24	1.4	1.4	1.4	1.5	1.3	1.2	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.1
25-29	1.1	1.0	1.2	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2
30+	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.3
<b>Kent</b>	1.3	1.2	1.4	1.5	1.6	1.4	1.4	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.3
<20	1.6	1.4	1.6	1.3	1.1	1.3	1.5	1.6	1.6	1.8	1.1	1.0	0.7	0.6	0.5	0.5
20-24	1.0	1.2	1.3	1.7	1.8	1.6	1.7	1.4	1.3	1.2	1.1	1.0	1.2	1.1	1.3	1.5
25-29	1.3	1.2	1.3	1.4	1.6	1.4	1.1	1.0	1.0	0.9	0.9	1.1	1.3	1.2	1.2	1.3
30+	1.3	1.3	1.7	1.5	1.5	1.3	1.3	1.1	1.2	1.3	1.1	1.3	1.1	1.1	1.1	1.3
<b>New Castle</b>	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.3
<20	1.7	1.9	2.0	2.3	2.2	2.3	2.1	1.9	1.9	1.8	1.2	1.4	1.7	1.4	1.3	1.5
20-24	1.5	1.5	1.5	1.4	1.1	1.1	1.2	1.3	1.5	1.6	1.4	1.3	1.2	1.1	1.1	1.2
25-29	1.1	1.0	1.0	1.1	1.1	1.2	1.4	1.3	1.2	1.3	1.4	1.3	1.3	1.2	1.2	1.2
30+	1.3	1.2	1.3	1.5	1.5	1.6	1.6	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
Wilmington	2.1	2.0	1.8	1.7	1.3	1.2	1.5	1.2	1.2	1.5	1.6	1.2	1.6	1.6	1.4	1.5
<20	2.4	2.6	2.8	2.7	2.0	1.4	1.4	1.1	1.6	1.2	1.4	0.9	2.0	1.1	1.2	2.0
20-24	2.9	2.8	2.8	2.3	1.7	1.3	1.8	1.7	1.7	1.7	1.3	0.6	0.7	1.2	1.1	1.2
25-29	1.5	1.4	1.3	2.0	1.4	1.6	2.2	1.9	1.3	1.5	1.6	1.0	1.2	0.9	0.9	0.8
30+	1.9	1.7	1.1	0.9	0.7	0.8	0.8	0.5	0.7	1.4	1.8	1.7	2.3	2.3	1.9	1.9
Balance of NC County	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.3
<20	1.6	1.8	1.9	2.2	2.2	2.5	2.2	2.1	2.0	1.9	1.2	1.4	1.7	1.5	1.3	1.4
20-24	1.4	1.3	1.3	1.3	1.1	1.0	1.1	1.2	1.5	1.6	1.4	1.4	1.3	1.1	1.1	1.2
25-29	1.1	0.9	1.0	1.0	1.1	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3
30+	1.2	1.2	1.3	1.5	1.5	1.6	1.7	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.3
<b>Sussex</b>	1.4	1.4	1.5	1.5	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1
<20	1.7	1.7	1.8	2.1	1.6	1.4	1.8	1.5	1.3	1.7	1.9	1.6	1.7	1.8	1.8	1.5
20-24	1.6	1.4	1.5	1.3	1.2	1.1	1.1	0.9	1.0	1.0	1.0	1.1	1.2	1.0	0.8	0.7
25-29	1.0	0.9	1.4	1.6	1.5	1.4	1.5	1.4	1.1	0.9	0.9	0.7	0.4	0.8	1.1	1.1
30+	1.4	1.6	1.4	1.2	1.2	1.3	1.3	1.1	1.0	1.1	1.0	1.1	1.2	1.2	1.0	1.1

Note:  
N/A indicates data not available.

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

**TABLE C-29. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**BLACK**

Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<20	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	2.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20-24	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25-29	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30+	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Delaware</b>	3.6	3.6	3.4	3.5	3.3	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2
<20	3.2	3.3	3.3	3.2	2.8	3.1	3.2	3.3	3.5	3.9	3.7	3.5	3.3	3.2	2.8	2.6
20-24	3.6	3.4	3.0	3.0	2.9	3.2	3.2	3.3	3.1	3.0	2.7	2.7	2.8	2.9	2.8	2.9
25-29	3.7	3.6	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.2	3.3	3.3	3.3	3.1	3.2	3.3
30+	3.9	4.2	4.3	4.5	4.4	4.2	4.4	4.2	4.0	4.3	4.3	4.1	3.8	3.8	3.7	3.6
<b>Kent</b>	3.6	3.8	3.1	3.4	3.3	3.5	3.3	3.5	3.2	3.2	2.5	2.4	2.3	2.3	2.3	2.6
<20	2.3	2.7	2.3	2.7	2.5	3.1	3.1	4.1	3.7	4.4	3.1	3.5	2.8	3.3	3.1	3.7
20-24	3.6	3.5	2.7	3.2	3.1	3.6	3.2	3.4	3.1	2.6	2.0	1.9	1.9	2.1	2.2	2.5
25-29	3.2	3.8	2.8	3.5	3.2	3.4	3.3	3.2	2.7	2.4	2.0	1.4	1.3	1.2	1.5	2.1
30+	5.4	5.5	5.1	4.7	4.5	3.8	3.5	3.4	3.5	4.1	3.6	3.6	3.5	3.3	2.6	3.0
<b>New Castle</b>	3.8	3.8	3.7	3.7	3.5	3.6	3.7	3.7	3.7	3.8	3.8	3.7	3.6	3.6	3.6	3.5
<20	3.2	3.3	3.6	3.3	3.0	3.3	3.6	3.5	3.7	3.9	3.8	3.3	3.2	3.2	2.8	2.4
20-24	4.1	3.8	3.5	3.2	3.1	3.2	3.2	3.3	3.3	3.4	3.1	3.2	3.2	3.2	3.1	3.1
25-29	3.8	3.7	3.5	3.5	3.5	3.3	3.4	3.3	3.5	3.4	3.8	3.9	4.1	3.8	4.0	3.9
30+	3.9	4.2	4.3	4.7	4.4	4.4	4.7	4.6	4.2	4.4	4.3	4.2	3.8	4.0	3.9	3.9
<b>Wilmington</b>	3.6	3.6	3.8	3.9	4.0	4.2	4.2	4.1	3.9	4.1	4.0	3.8	3.6	3.6	3.4	3.2
<20	3.4	3.4	3.7	3.4	2.9	3.1	3.5	3.1	3.4	3.9	3.8	2.7	2.9	2.7	2.3	1.9
20-24	3.8	3.6	3.5	4.0	3.9	4.1	3.8	3.7	3.2	3.3	2.9	3.1	3.4	3.5	3.5	3.6
25-29	3.5	3.0	3.3	2.7	3.7	4.2	4.7	4.8	4.9	4.5	5.0	4.6	4.2	3.8	3.6	3.5
30+	3.6	4.5	5.2	5.9	5.9	5.8	5.3	5.4	4.5	5.3	5.1	4.8	4.0	4.1	3.5	3.0
<b>Balance of NC County</b>	4.0	3.9	3.7	3.5	3.2	3.2	3.4	3.5	3.5	3.6	3.6	3.7	3.6	3.7	3.7	3.7
<20	3.1	3.1	3.6	3.2	3.1	3.5	3.8	3.9	4.0	4.0	3.8	4.0	3.5	3.6	3.3	2.7
20-24	4.5	4.1	3.5	2.4	2.3	2.5	2.6	3.0	3.4	3.5	3.3	3.3	3.0	3.0	2.8	2.8
25-29	4.0	4.2	3.7	3.9	3.4	2.9	2.8	2.6	2.7	2.7	3.2	3.6	4.0	3.9	4.1	4.1
30+	4.1	4.0	3.9	4.3	3.9	3.9	4.4	4.3	4.1	4.1	4.1	4.0	3.8	4.0	4.0	4.2
<b>Sussex</b>	2.6	2.6	2.6	2.5	2.7	3.0	3.0	2.8	3.0	3.0	3.1	3.0	3.2	2.9	2.8	2.3
<20	3.9	3.8	3.4	3.1	2.7	2.3	1.9	1.8	2.6	3.2	3.8	3.9	4.4	3.1	2.2	2.0
20-24	1.6	1.7	1.7	1.8	2.1	2.8	3.0	2.9	2.5	2.3	2.2	2.2	2.6	2.8	2.9	2.5
25-29	3.4	2.8	2.7	2.5	2.9	3.9	4.0	3.9	3.8	3.4	2.7	2.8	2.8	2.6	2.2	1.8
30+	1.4	2.4	3.2	3.0	3.8	3.3	3.2	2.6	3.5	3.7	4.9	4.2	4.1	3.4	3.8	2.6

Note:  
N/A indicates data not available.

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

**TABLE C-30. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1500 GRAMS), BY AGE OF MOTHER ,BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1996-2015**

**HISPANIC ORIGIN\***

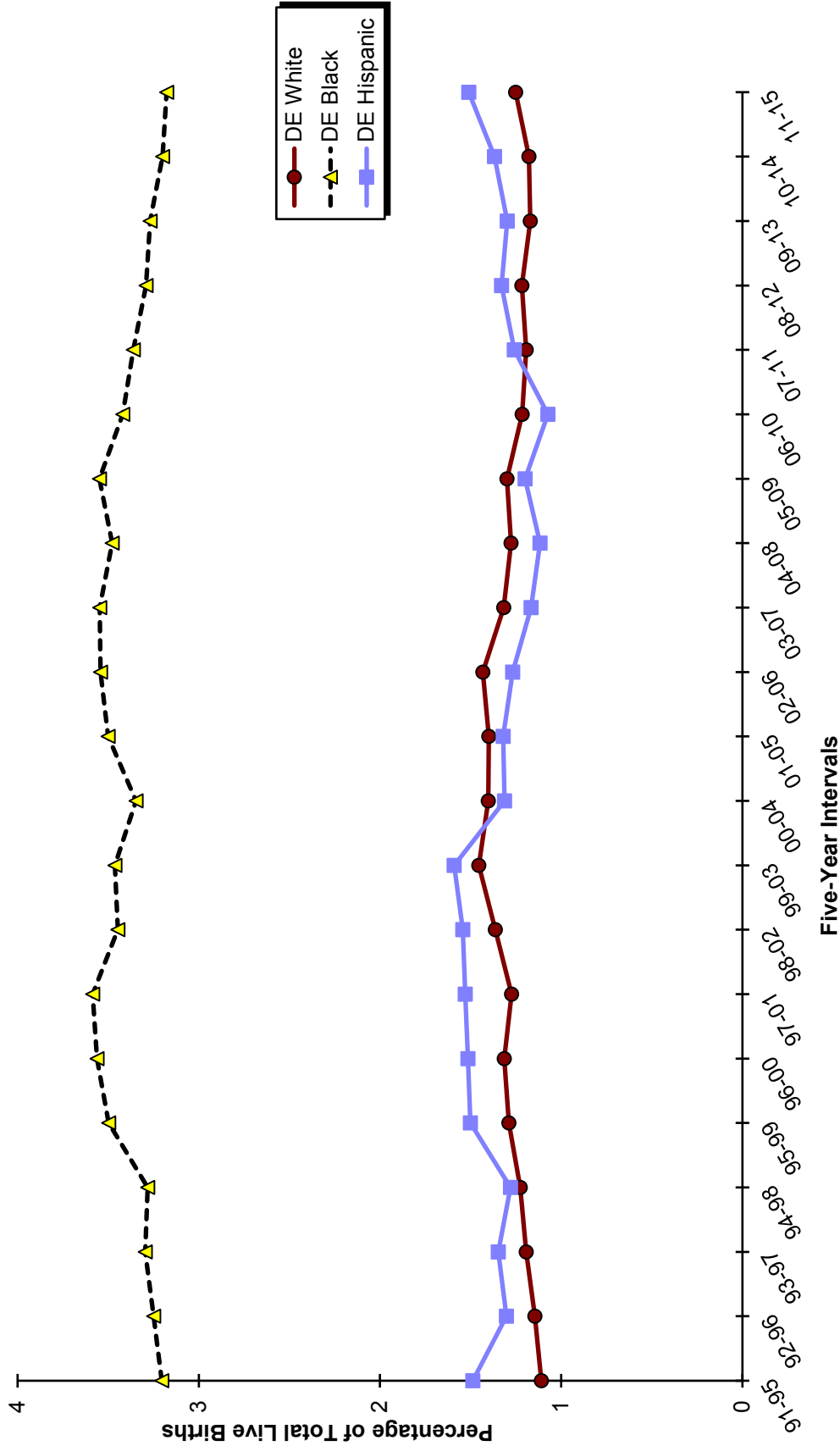
Area/ Age	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20-24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
25-29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	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	1.4	1.4
<b>Delaware</b>	1.5	1.5	1.5	1.6	1.3	1.3	1.3	1.2	1.1	1.2	1.1	1.3	1.3	1.3	1.4	1.5
<20	2.0	2.8	2.4	2.6	2.2	1.9	1.4	1.4	1.2	1.2	0.9	1.2	1.5	1.5	1.5	1.7
20-24	1.4	1.0	1.1	1.1	0.8	0.8	0.8	0.9	0.8	0.9	0.8	1.0	0.9	0.9	0.9	1.0
25-29	1.3	1.5	1.6	1.6	1.4	1.4	1.3	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.4	1.5
30+	1.6	1.5	1.6	1.6	1.4	1.6	1.8	1.6	1.6	1.7	1.5	1.8	1.9	1.7	1.7	1.8
<b>Kent</b>	1.0	0.5	0.9	0.8	0.7	1.2	1.4	1.3	1.5	1.6	1.1	1.7	1.7	1.5	1.8	2.0
<20	0.0	0.0	0.0	0.0	0.0	2.7	2.5	2.3	2.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
20-24	2.1	0.7	0.6	1.2	0.9	0.4	1.2	1.1	1.0	1.3	1.4	1.7	2.0	1.7	2.0	2.2
25-29	0.9	0.8	2.1	1.3	1.3	2.0	1.8	1.0	1.4	1.7	1.2	1.5	1.2	1.6	1.1	1.4
30+	0.0	0.0	0.0	0.0	0.0	0.7	0.6	1.1	1.9	1.7	1.4	2.8	2.6	1.8	3.0	3.0
<b>New Castle</b>	1.9	2.0	1.9	1.9	1.6	1.6	1.5	1.4	1.3	1.4	1.3	1.5	1.6	1.6	1.6	1.7
<20	2.7	3.7	3.2	3.4	3.0	2.3	1.7	1.6	1.5	1.4	1.3	1.7	2.2	2.1	1.7	1.8
20-24	1.5	1.3	1.3	1.1	1.0	1.0	1.0	1.1	1.0	1.1	0.9	0.9	0.8	0.9	0.9	1.1
25-29	1.7	2.1	1.7	1.8	1.2	1.2	1.1	1.1	1.1	1.2	1.3	1.6	1.7	1.6	2.0	2.2
30+	1.8	1.6	1.9	2.0	1.8	2.2	2.4	1.9	1.9	2.0	1.8	2.0	2.2	2.2	1.9	1.8
<b>Wilmington</b>	2.3	2.4	2.1	1.9	1.2	1.1	1.6	1.5	1.7	1.9	2.1	1.6	2.2	1.9	1.8	1.5
<20	3.0	3.6	3.8	3.2	2.2	1.3	1.2	0.9	1.9	1.5	1.7	1.2	2.8	1.5	1.7	1.9
20-24	2.2	2.0	1.9	1.4	1.1	1.1	1.5	1.7	1.5	1.6	1.7	1.3	1.2	1.7	1.3	1.0
25-29	2.6	2.7	2.1	2.5	1.2	1.1	2.2	1.8	1.7	2.1	2.5	1.2	1.7	1.3	0.9	1.0
30+	1.3	1.2	0.5	0.5	0.0	1.0	1.4	1.3	1.8	2.7	2.8	2.9	3.9	3.3	3.2	2.3
<b>Balance of NC County</b>	1.6	1.8	1.8	1.9	1.7	1.7	1.4	1.3	1.2	1.3	1.1	1.5	1.5	1.6	1.6	1.8
<20	2.5	3.8	2.9	3.6	3.4	2.8	2.0	1.9	1.3	1.4	1.1	1.9	2.0	2.3	1.7	1.8
20-24	1.2	1.0	1.0	1.0	0.9	1.0	0.8	0.8	0.8	0.9	0.6	0.8	0.7	0.6	0.8	1.1
25-29	1.4	1.8	1.5	1.5	1.2	1.2	0.8	0.9	0.9	1.0	1.0	1.7	1.7	1.7	2.3	2.4
30+	2.0	1.7	2.3	2.5	2.2	2.5	2.6	2.1	1.9	1.9	1.7	1.8	1.9	2.0	1.6	1.7
<b>Sussex</b>	0.9	0.8	1.0	1.1	1.0	0.8	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.8	1.0
<20	0.7	1.1	1.0	1.3	1.2	0.7	0.3	0.6	0.3	0.5	0.5	0.6	0.7	0.9	1.5	2.0
20-24	0.9	0.4	0.8	0.9	0.5	0.5	0.5	0.4	0.4	0.6	0.6	0.9	0.7	0.7	0.5	0.3
25-29	0.6	0.5	1.2	1.5	1.6	1.5	1.5	1.0	0.9	0.6	0.5	0.2	0.1	0.3	0.5	0.7
30+	1.7	1.6	1.2	1.0	0.8	0.4	0.8	0.9	0.9	1.0	1.0	1.1	1.3	1.0	1.0	1.4

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.

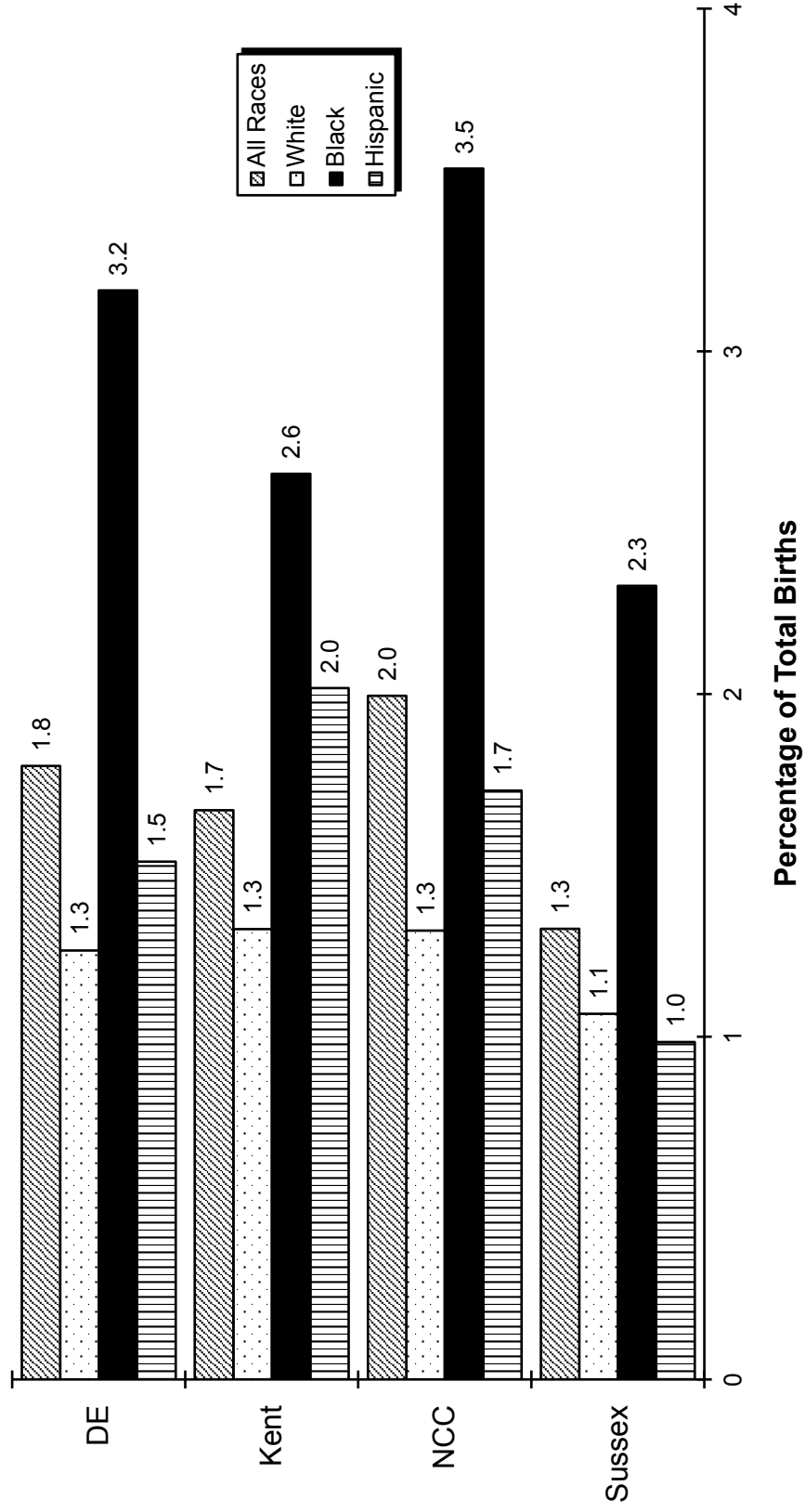
Sources: National Center for Health Statistics  
Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure C-13. Five-Year Average Percentage of Low Birthweight Births (<2500 Grams), by Race and Hispanic Origin\*, Delaware and Counties, 2011-2015**



Note: \*Hispanic may be of any race.  
Sources: Delaware 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, 2011-2015**



Note: \*Hispanic may be of any race.  
 Sources: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE C-31. NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Birthweight	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	11147	13	142	398	2280	3320	3197	1494	303	0
<2500	1036	2	9	33	223	277	298	159	35	0
<1500	211	0	0	7	41	65	58	30	10	0
<500	41	0	0	0	10	14	12	4	1	0
500-749	42	0	0	2	11	9	13	6	1	0
750-999	28	0	0	0	3	7	12	4	2	0
1000-1499	100	0	0	5	17	35	21	16	6	0
1500-1999	194	1	1	6	42	45	61	30	8	0
2000-2499	631	1	8	20	140	167	179	99	17	0
2500+	10103	11	133	365	2056	3041	2897	1334	266	0
Unknown	8	0	0	0	1	2	2	1	2	0
<b>Kent</b>	2258	3	26	70	576	736	543	261	43	0
<2500	216	0	1	3	54	66	53	35	4	0
<1500	40	0	0	0	11	14	8	6	1	0
<500	9	0	0	0	2	4	0	3	0	0
500-749	10	0	0	0	5	2	2	1	0	0
750-999	4	0	0	0	0	1	2	0	1	0
1000-1499	17	0	0	0	4	7	4	2	0	0
1500-1999	38	0	0	2	10	6	9	10	1	0
2000-2499	138	0	1	1	33	46	36	19	2	0
2500+	2041	3	25	67	522	670	489	226	39	0
Unknown	1	0	0	0	0	0	1	0	0	0
<b>New Castle</b>	6585	5	78	213	1171	1868	2087	949	214	0
<2500	627	0	4	18	122	164	198	94	27	0
<1500	143	0	0	4	23	45	43	20	8	0
<500	29	0	0	0	6	9	12	1	1	0
500-749	28	0	0	2	5	7	8	5	1	0
750-999	20	0	0	0	1	5	9	4	1	0
1000-1499	66	0	0	2	11	24	14	10	5	0
1500-1999	112	0	0	4	26	28	36	13	5	0
2000-2499	372	0	4	10	73	91	119	61	14	0
2500+	5952	5	74	195	1048	1703	1888	854	185	0
Unknown	6	0	0	0	1	1	1	1	2	0
Wilmington	973	3	20	56	242	260	237	135	20	0
<2500	136	0	3	4	33	36	34	22	4	0
<1500	27	0	0	1	5	11	3	6	1	0
<500	4	0	0	0	1	1	1	1	0	0
500-749	6	0	0	1	3	1	0	1	0	0
750-999	7	0	0	0	1	2	1	2	1	0
1000-1499	10	0	0	0	0	7	1	2	0	0
1500-1999	30	0	0	1	5	8	10	5	1	0
2000-2499	79	0	3	2	23	17	21	11	2	0
2500+	836	3	17	52	208	224	203	113	16	0
Unknown	1	0	0	0	1	0	0	0	0	0
Balance of NC County	5612	2	58	157	929	1608	1850	814	194	0
<2500	491	0	1	14	89	128	164	72	23	0
<1500	116	0	0	3	18	34	40	14	7	0
<500	25	0	0	0	5	8	11	0	1	0
500-749	22	0	0	1	2	6	8	4	1	0
750-999	13	0	0	0	0	3	8	2	0	0
1000-1499	56	0	0	2	11	17	13	8	5	0
1500-1999	82	0	0	3	21	20	26	8	4	0
2000-2499	293	0	1	8	50	74	98	50	12	0
2500+	5116	2	57	143	840	1479	1685	741	169	0
Unknown	5	0	0	0	0	1	1	1	2	0
<b>Sussex</b>	2304	5	38	115	533	716	567	284	46	0
<2500	193	2	4	12	47	47	47	30	4	0
<1500	28	0	0	3	7	6	7	4	1	0
<500	3	0	0	0	2	1	0	0	0	0
500-749	4	0	0	0	1	0	3	0	0	0
750-999	4	0	0	0	2	1	1	0	0	0
1000-1499	17	0	0	3	2	4	3	4	1	0
1500-1999	44	1	1	0	6	11	16	7	2	0
2000-2499	121	1	3	9	34	30	24	19	1	0
2500+	2110	3	34	103	486	668	520	254	42	0
Unknown	1	0	0	0	0	1	0	0	0	0

Notes:

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

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

**TABLE C-32. NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Birthweight	Race				Hispanic Origin*
	All Races	White	Black	Other	
<b>Delaware</b>	11147	7247	3069	791	1542
<2500	1036	557	411	64	133
<1500	211	105	96	10	24
<500	41	17	24	0	1
500-749	42	16	23	3	8
750-999	28	17	11	0	1
1000-1499	100	55	38	7	14
1500-1999	194	105	75	13	25
2000-2499	631	347	240	41	84
2500+	10103	6689	2658	727	1402
Unknown	8	1	0	0	7
<b>Kent</b>	2258	1493	672	92	214
<2500	216	128	83	5	16
<1500	40	20	20	0	3
<500	9	5	4	0	1
500-749	10	3	7	0	1
750-999	4	2	2	0	0
1000-1499	17	10	7	0	1
1500-1999	38	24	12	2	5
2000-2499	138	84	51	3	8
2500+	2041	1364	589	87	198
Unknown	1	1	0	0	0
<b>New Castle</b>	6585	3904	2004	644	797
<2500	627	290	281	54	68
<1500	143	65	70	8	14
<500	29	10	19	0	0
500-749	28	10	15	3	4
750-999	20	12	8	0	1
1000-1499	66	33	28	5	9
1500-1999	112	50	52	10	12
2000-2499	372	175	159	36	42
2500+	5952	3614	1723	590	723
Unknown	6	0	0	0	6
<b>Wilmington</b>	973	369	573	25	136
<2500	136	37	94	3	16
<1500	27	9	18	0	1
<500	4	1	3	0	0
500-749	6	1	5	0	0
750-999	7	3	4	0	0
1000-1499	10	4	6	0	1
1500-1999	30	4	24	2	2
2000-2499	79	24	52	1	13
2500+	836	332	479	22	119
Unknown	1	0	0	0	1
<b>Balance of NC County</b>	5612	3535	1431	619	661
<2500	491	253	187	51	52
<1500	116	56	52	8	13
<500	25	9	16	0	0
500-749	22	9	10	3	4
750-999	13	9	4	0	1
1000-1499	56	29	22	5	8
1500-1999	82	46	28	8	10
2000-2499	293	151	107	35	29
2500+	5116	3282	1244	568	604
Unknown	5	0	0	0	5
<b>Sussex</b>	2304	1850	393	55	531
<2500	193	139	47	5	49
<1500	28	20	6	2	7
<500	3	2	1	0	0
500-749	4	3	1	0	3
750-999	4	3	1	0	0
1000-1499	17	12	3	2	4
1500-1999	44	31	11	1	8
2000-2499	121	88	30	2	34
2500+	2110	1711	346	50	481
Unknown	1	0	0	0	1

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 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, 2015**

Race-Origin/ Weeks	Age							
	Total	<20	20-24	25-29	30-34	35-39	40+	Unknown
<b>All Races</b>	11147	553	2280	3320	3197	1494	303	0
<20 Weeks	7	0	4	2	1	0	0	0
20-27 Weeks	108	2	22	31	33	18	2	0
28-31 Weeks	173	10	33	54	44	20	12	0
32-35 Weeks	677	40	139	190	198	87	23	0
36 Weeks	438	17	94	115	129	72	11	0
37-39 Weeks	5844	271	1137	1714	1678	855	189	0
40 Weeks	2257	119	462	704	648	283	41	0
41 Weeks	994	61	225	314	284	96	14	0
42+ Weeks	629	31	161	192	177	59	9	0
Unknown	20	2	3	4	5	4	2	0
<b>White</b>	7247	306	1335	2178	2210	1009	209	0
<20 Weeks	4	0	2	2	0	0	0	0
20-27 Weeks	44	2	8	9	15	9	1	0
28-31 Weeks	102	4	18	30	30	10	10	0
32-35 Weeks	404	23	69	116	124	58	14	0
36 Weeks	269	6	52	74	80	51	6	0
37-39 Weeks	3752	146	649	1098	1161	568	130	0
40 Weeks	1530	68	289	488	455	197	33	0
41 Weeks	709	35	150	229	212	74	9	0
42+ Weeks	429	21	98	132	131	41	6	0
Unknown	4	1	0	0	2	1	0	0
<b>Black</b>	3069	222	859	888	674	356	70	0
<20 Weeks	3	0	2	0	1	0	0	0
20-27 Weeks	59	0	14	21	16	7	1	0
28-31 Weeks	60	6	14	18	13	7	2	0
32-35 Weeks	231	12	64	61	60	27	7	0
36 Weeks	140	11	40	33	37	15	4	0
37-39 Weeks	1634	114	438	482	348	208	44	0
40 Weeks	552	44	162	161	121	59	5	0
41 Weeks	218	24	67	63	40	19	5	0
42+ Weeks	163	10	56	47	36	12	2	0
Unknown	9	1	2	2	2	2	0	0
<b>Other</b>	791	20	83	242	302	123	21	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	5	0	0	1	2	2	0	0
28-31 Weeks	11	0	1	6	1	3	0	0
32-35 Weeks	38	5	6	11	12	2	2	0
36 Weeks	28	0	2	8	11	6	1	0
37-39 Weeks	443	7	49	129	167	77	14	0
40 Weeks	168	6	11	52	70	26	3	0
41 Weeks	62	2	7	22	29	2	0	0
42+ Weeks	36	0	7	13	10	5	1	0
Unknown	0	0	0	0	0	0	0	0
<b>Hispanic Origin*</b>	1542	135	393	448	338	171	57	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	10	0	3	1	6	0	0	0
28-31 Weeks	19	2	4	7	1	2	3	0
32-35 Weeks	106	9	22	35	25	11	4	0
36 Weeks	55	3	19	9	15	7	2	0
37-39 Weeks	819	78	195	236	174	104	32	0
40 Weeks	284	22	73	83	64	33	9	0
41 Weeks	142	12	42	47	31	7	3	0
42+ Weeks	100	9	34	28	21	6	2	0
Unknown	7	0	1	2	1	1	2	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 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, 2015**

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	
<b>All Races</b>	11147	115	173	677	438	5844	2257	994	629	20
<500	41	38	1	1	0	1	0	0	0	0
500-999	70	55	15	0	0	0	0	0	0	0
1000-1499	100	16	52	29	2	0	1	0	0	0
1500-1999	194	2	37	107	19	24	3	1	0	1
2000-2499	631	2	10	215	94	259	23	7	18	3
2500-2999	2055	2	13	160	161	1320	231	85	80	3
3000-3499	4178	0	29	98	114	2403	903	379	248	4
3500-3999	2970	0	16	54	42	1429	832	384	212	1
4000-4499	790	0	0	12	6	346	238	125	62	1
4500+	110	0	0	1	0	61	26	13	9	0
Unknown	8	0	0	0	0	1	0	0	0	7
<b>White</b>	7247	48	102	404	269	3752	1530	709	429	4
<500	17	15	1	1	0	0	0	0	0	0
500-999	33	22	11	0	0	0	0	0	0	0
1000-1499	55	8	28	17	1	0	1	0	0	0
1500-1999	105	1	22	53	13	14	1	1	0	0
2000-2499	347	1	2	131	48	133	15	5	12	0
2500-2999	1149	1	10	103	99	711	119	57	47	2
3000-3499	2677	0	20	50	77	1557	571	248	153	1
3500-3999	2154	0	8	38	27	1028	607	290	156	0
4000-4499	614	0	0	10	4	255	194	97	53	1
4500+	95	0	0	1	0	53	22	11	8	0
Unknown	1	0	0	0	0	1	0	0	0	0
<b>Black</b>	3069	62	60	231	140	1634	552	218	163	9
<500	24	23	0	0	0	1	0	0	0	0
500-999	34	30	4	0	0	0	0	0	0	0
1000-1499	38	7	21	9	1	0	0	0	0	0
1500-1999	75	0	12	47	6	8	1	0	0	1
2000-2499	240	1	8	73	39	102	6	2	6	3
2500-2999	713	1	3	44	48	474	93	21	28	1
3000-3499	1165	0	6	42	32	658	251	98	75	3
3500-3999	631	0	6	14	13	311	164	76	46	1
4000-4499	138	0	0	2	1	74	34	19	8	0
4500+	11	0	0	0	0	6	3	2	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Other</b>	791	5	11	38	28	443	168	62	36	0
<500	0	0	0	0	0	0	0	0	0	0
500-999	3	3	0	0	0	0	0	0	0	0
1000-1499	7	1	3	3	0	0	0	0	0	0
1500-1999	13	1	3	6	0	2	1	0	0	0
2000-2499	41	0	0	9	7	23	2	0	0	0
2500-2999	189	0	0	12	13	133	19	7	5	0
3000-3499	326	0	3	6	5	181	79	32	20	0
3500-3999	173	0	2	2	2	85	57	16	9	0
4000-4499	36	0	0	0	1	17	10	7	1	0
4500+	3	0	0	0	0	2	0	0	1	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Hispanic Origin*</b>	1542	10	19	106	55	819	284	142	100	7
<500	1	1	0	0	0	0	0	0	0	0
500-999	9	8	1	0	0	0	0	0	0	0
1000-1499	14	1	5	5	2	0	1	0	0	0
1500-1999	25	0	4	15	3	3	0	0	0	0
2000-2499	84	0	0	24	9	42	3	2	4	0
2500-2999	292	0	4	30	21	183	28	9	17	0
3000-3499	597	0	4	16	13	343	121	62	38	0
3500-3999	402	0	1	12	6	200	99	49	35	0
4000-4499	97	0	0	4	1	39	27	20	6	0
4500+	14	0	0	0	0	9	5	0	0	0
Unknown	7	0	0	0	0	0	0	0	0	7

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

**TABLE C-35. NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, AGE OF MOTHER, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2015**

Race-Origin/ Age	Source of Payment											
	Total		Medicaid		Private Insurance		Self Pay		Other Government		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Races</b>	11147	100.0	4974	44.6	5584	50.1	205	1.8	312	2.8	46	0.4
<20	553	100.0	423	76.5	119	21.5	5	0.9	6	1.1	0	0.0
20-24	2280	100.0	1460	64.0	693	30.4	43	1.9	70	3.1	8	0.4
25-29	3320	100.0	1514	45.6	1608	48.4	61	1.8	109	3.3	18	0.5
30-34	3197	100.0	1011	31.6	2026	63.4	52	1.6	87	2.7	12	0.4
35+	1797	100.0	566	31.5	1138	63.3	44	2.4	40	2.2	8	0.4
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>White</b>	7247	100.0	2854	39.4	3955	54.6	148	2.04222	243	3.4	30	0.4
<20	306	100.0	224	73.2	72	23.5	5	1.6	5	1.6	0	0.0
20-24	1335	100.0	790	59.2	447	33.5	36	2.7	53	4.0	4	0.3
25-29	2178	100.0	904	41.5	1128	51.8	43	2.0	83	3.8	13	0.6
30-34	2210	100.0	601	27.2	1487	67.3	37	1.7	70	3.2	10	0.5
35+	1218	100.0	335	27.5	821	67.4	27	2.2	32	2.6	3	0.2
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>Black</b>	3069	100.0	1896	61.8	1061	34.6	47	1.5	49	1.6	9	0.3
<20	222	100.0	179	80.6	42	18.9	0	0.0	1	0.5	0	0.0
20-24	859	100.0	622	72.4	212	24.7	6	0.7	15	1.7	3	0.3
25-29	888	100.0	557	62.7	298	33.6	12	1.4	15	1.7	3	0.3
30-34	674	100.0	340	50.4	304	45.1	14	2.1	13	1.9	1	0.1
35+	426	100.0	198	46.5	205	48.1	15	3.5	5	1.2	2	0.5
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>Other</b>	791	100.0	213	26.9	548	69.3	8	1.0	20	2.5	0	0.0
<20	20	100.0	16	80.0	4	20.0	0	0.0	0	0.0	0	0.0
20-24	83	100.0	47	56.6	33	39.8	1	1.2	2	2.4	0	0.0
25-29	242	100.0	51	21.1	175	72.3	5	2.1	11	4.5	0	0.0
30-34	302	100.0	68	22.5	228	75.5	0	0.0	4	1.3	0	0.0
35+	144	100.0	31	21.5	108	75.0	2	1.4	3	2.1	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>Hispanic Origin*</b>	1542	100.0	1168	75.7	288	18.7	33	2.1	39	2.5	10	0.6
<20	135	100.0	120	88.9	10	7.4	4	3.0	1	0.7	0	0.0
20-24	393	100.0	314	79.9	56	14.2	10	2.5	10	2.5	1	0.3
25-29	448	100.0	334	74.6	93	20.8	6	1.3	10	2.2	4	0.9
30-34	338	100.0	240	71.0	75	22.2	8	2.4	12	3.6	2	0.6
35+	228	100.0	160	70.2	54	23.7	5	2.2	6	2.6	3	1.3
Unknown	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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE C-36. NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, MARITAL STATUS OF MOTHER, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2015**

Race-Origin/ Marital Status	Source of Payment											
	Total		Medicaid		Private Insurance		Self Pay		Other Government		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Races</b>	11147	100.0	4974	44.6	5584	50.1	205	1.8	312	2.8	46	0.4
Married	5983	100.0	1358	22.7	4184	69.9	142	2.4	269	4.5	22	0.4
Single	5164	100.0	3616	70.0	1400	27.1	63	1.2	43	0.8	24	0.5
<b>White</b>	7247	100.0	2854	39.4	3955	54.6	148	2.0	243	3.4	30	0.4
Married	4383	100.0	872	19.9	3163	72.2	109	2.5	218	5.0	15	0.3
Single	2864	100.0	1982	69.2	792	27.7	39	1.4	25	0.9	15	0.5
<b>Black</b>	3069	100.0	1896	61.8	1061	34.6	47	1.5	49	1.6	9	0.3
Married	896	100.0	340	37.9	494	55.1	24	2.7	33	3.7	4	0.4
Single	2173	100.0	1556	71.6	567	26.1	23	1.1	16	0.7	5	0.2
<b>Other</b>	791	100.0	213	26.9	548	69.3	8	1.0	20	2.5	0	0.0
Married	688	100.0	146	21.2	516	75.0	7	1.0	18	2.6	0	0.0
Single	103	100.0	67	65.0	32	31.1	1	1.0	2	1.9	0	0.0
<b>Hispanic Origin*</b>	1542	100.0	1168	75.7	288	18.7	33	2.1	39	2.5	10	0.6
Married	566	100.0	351	62.0	171	30.2	10	1.8	31	5.5	3	0.5
Single	976	100.0	817	83.7	117	12.0	23	2.4	8	0.8	7	0.7

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

**TABLE C-37. NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN OF MOTHER, METHOD OF DELIVERY, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2015**

Race-Origin/ Method	Source of Payment											
	Total		Medicaid		Private Insurance		Self Pay		Other Government		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Races</b>	11147	100.0	4974	100.0	5584	100.0	205	100.0	312	100.0	46	100.0
Vaginal	7578	68.0	3421	68.8	3759	67.3	151	73.7	209	67.0	21	45.7
C-section	3557	31.9	1552	31.2	1822	32.6	54	26.3	102	32.7	18	39.1
Unknown	12	0.1	1	0.0	3	0.1	0	0.0	1	0.3	7	15.2
<b>White</b>	7247	100.0	2854	100.0	3955	100.0	148	100.0	243	100.0	30	100.0
Vaginal	4984	68.8	1964	68.8	2717	68.7	116	78.4	160	65.8	16	53.3
C-section	2261	31.2	890	31.2	1236	31.3	32	21.6	83	34.2	14	46.7
Unknown	2	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0
<b>Black</b>	3069	100.0	1896	100.0	1061	100.0	47	100.0	49	100.0	9	100.0
Vaginal	2031	66.2	1298	68.5	663	62.5	29	61.7	32	65.3	5	55.6
C-section	1036	33.8	597	31.5	398	37.5	18	38.3	16	32.7	4	44.4
Unknown	2	0.1	1	0.1	0	0.0	0	0.0	1	2.0	0	0.0
<b>Other</b>	791	100.0	213	100.0	548	100.0	8	100.0	20	100.0	0	...
Vaginal	538	68.0	151	70.9	363	66.2	5	62.5	17	85.0	0	...
C-section	252	31.9	62	29.1	184	33.6	3	37.5	3	15.0	0	...
Unknown	1	0.1	0	0.0	1	0.2	0	0.0	0	0.0	0	...
<b>Hispanic Origin*</b>	1542	100.0	1168	100.0	288	100.0	33	100.0	39	100.0	10	100.0
Vaginal	1082	70.2	827	70.8	197	68.4	23	69.7	29	74.4	2	20.0
C-section	453	29.4	341	29.2	91	31.6	10	30.3	10	25.6	1	10.0
Unknown	7	0.5	0	0.0	0	0.0	0	0.0	0	0.0	7	70.0

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

**TABLE C-38. NUMBER OF LIVE BIRTHS BY METHOD OF DELIVERY, DELAWARE, 2015**

Method of Delivery	Number
<b>Total</b>	11147
<b>Vaginal</b>	7578
<b>C-Section</b>	3557
Primary C-Section	1940
Repeat C-Section	1617
<b>Unknown</b>	12

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

**TABLE C-39. NUMBER AND PERCENT OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND METHOD OF DELIVERY, DELAWARE, 2015**

Birth weight	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11147	100.0	7578	68.0	3557	31.9	12	0.1
<2500	1036	100.0	536	51.7	499	48.2	1	0.1
<1500	211	100.0	101	47.9	109	51.7	1	0.5
1500-2499	825	100.0	435	52.7	390	47.3	0	0.0
2500+	10103	100.0	7042	69.7	3057	30.3	4	0.0
Unknown	8	100.0	0	0.0	1	12.5	7	87.5

METHOD2

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

**TABLE C-40. NUMBER AND PERCENT OF LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY, DELAWARE, 2015**

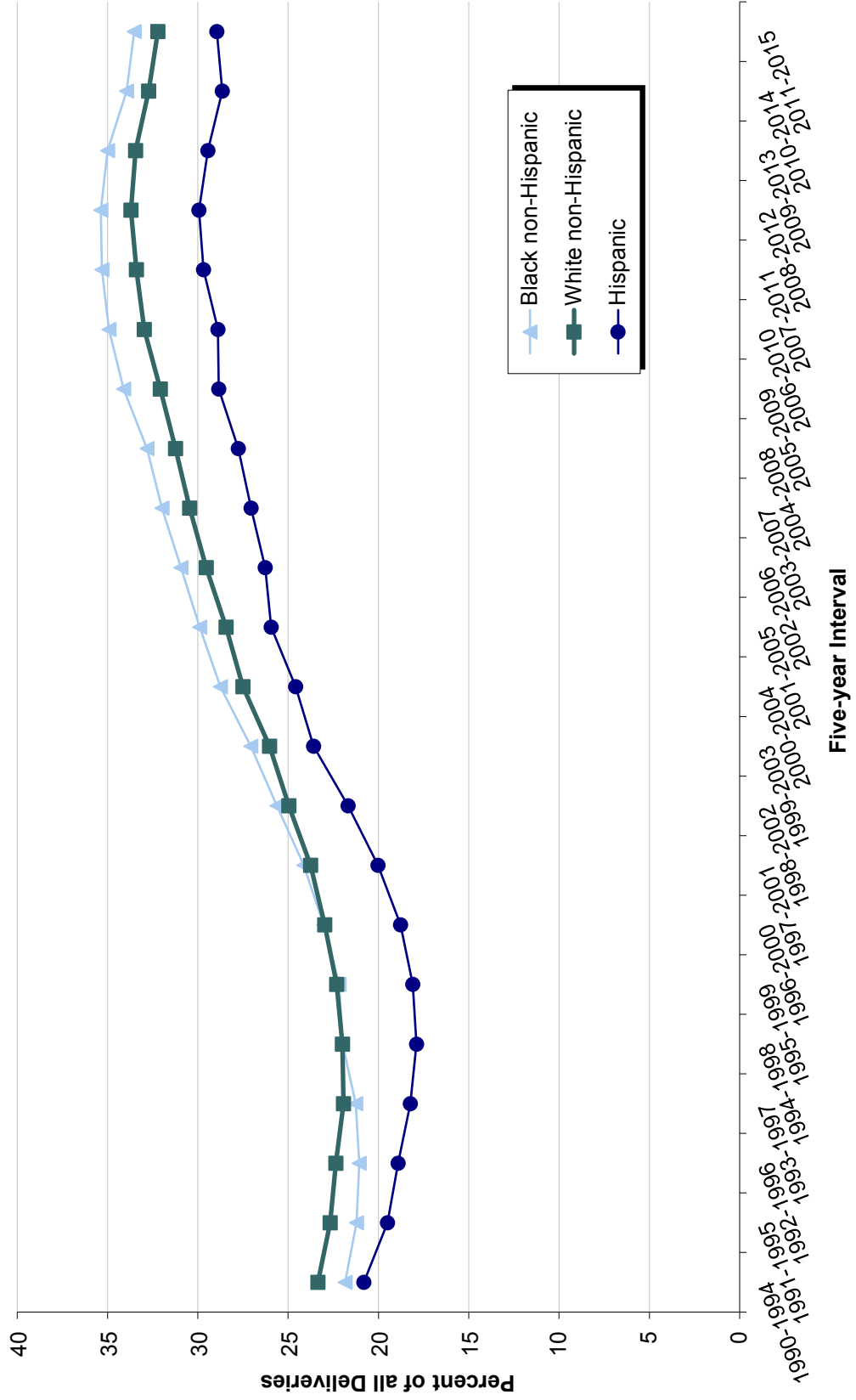
Age	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11147	100.0	7578	68.0	3557	31.9	12	0.1
<20	553	100.0	450	81.4	103	18.6	0	0.0
20-24	2280	100.0	1670	73.2	609	26.7	1	0.0
25-29	3320	100.0	2313	69.7	1002	30.2	5	0.2
30-34	3197	100.0	2114	66.1	1081	33.8	2	0.1
35+	1797	100.0	1031	57.4	762	42.4	4	0.2
Unknown	0	...	0	...	0	...	0	...

Notes:

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

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

**Figure C-15. Five-year Percent Births by Cesarean Section Delivery by Race and Ethnicity  
Delaware, 1991-2015**



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

**TABLE C-41. NUMBER AND PERCENT OF LIVE BIRTHS FOR MOTHERS REPORTING TOBACCO USE DURING PREGNANCY, BY RACE AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Tobacco Use	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11147	100.0	7247	100.0	3069	100.0	791	100.0	1542	100.0
Yes	1105	9.9	784	10.8	301	9.8	19	2.4	51	3.3
No	10025	89.9	6456	89.1	2765	90.1	772	97.6	1483	96.2
Unknown	17	0.2	7	0.1	3	0.1	0	0.0	8	0.5
<b>Kent</b>	2258	100.0	1493	100.0	672	100.0	92	100.0	214	100.0
Yes	228	10.1	170	11.4	49	7.3	9	9.8	8	3.7
No	2029	89.9	1322	88.5	623	92.7	83	90.2	206	96.3
Unknown	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0
<b>New Castle</b>	6585	100.0	3904	100.0	2004	100.0	644	100.0	797	100.0
Yes	547	8.3	341	8.7	199	9.9	6	0.9	29	3.6
No	6025	91.5	3559	91.2	1802	89.9	638	99.1	761	95.5
Unknown	13	0.2	4	0.1	3	0.1	0	0.0	7	0.9
Wilmington	973	100.0	369	100.0	573	100.0	25	100.0	136	100.0
Yes	139	14.3	35	9.5	104	18.2	0	0.0	6	4.4
No	833	85.6	334	90.5	469	81.8	25	100.0	129	94.9
Unknown	1	0.1	0	0.0	0	0.0	0	0.0	1	0.7
Balance of NC County	5612	100.0	3535	100.0	1431	100.0	619	100.0	661	100.0
Yes	408	7.3	306	8.7	95	6.6	6	1.0	23	3.5
No	5192	92.5	3225	91.2	1333	93.2	613	99.0	632	95.6
Unknown	12	0.2	4	0.1	3	0.2	0	0.0	6	0.9
<b>Sussex</b>	2304	100.0	1850	100.0	393	100.0	55	100.0	531	100.0
Yes	330	14.3	273	14.8	53	13.5	4	7.3	14	2.6
No	1971	85.5	1575	85.1	340	86.5	51	92.7	516	97.2
Unknown	3	0.1	2	0.1	0	0.0	0	0.0	1	0.2

Notes:

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

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

**TABLE C-42. NUMBER AND PERCENT OF LIVE BIRTHS BY AGE OF MOTHER AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY, DELAWARE, 2015**

Age	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11147	100.0	1105	9.9	10025	89.9	17	0.2
< 18	155	100.0	12	7.7	143	92.3	0	0.0
18-19	398	100.0	53	13.3	345	86.7	0	0.0
20-24	2280	100.0	295	12.9	1982	86.9	3	0.1
25-29	3320	100.0	365	11.0	2948	88.8	7	0.2
30-34	3197	100.0	260	8.1	2934	91.8	3	0.1
35 +	1797	100.0	120	6.7	1673	93.1	4	0.2
Unknown	0	...	0	...	0	...	0	...

TOBAGBW1

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

**TABLE C-43. NUMBER AND PERCENT OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Birth Weight	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	11147	100.0	1105	100.0	10025	100.0	17	100.0
<2500	1036	9.3	166	15.0	867	8.6	3	17.6
2500+	10103	90.6	939	85.0	9157	91.3	7	41.2
Unknown	8	0.1	0	0.0	1	0.0	7	41.2
<b>Kent</b>	2258	100.0	228	100.0	2029	100.0	1	100.0
<2500	216	9.6	36	15.8	179	8.8	1	100.0
2500+	2041	90.4	192	84.2	1849	91.1	0	0.0
Unknown	1	0.0	0	0.0	1	0.0	0	0.0
<b>New Castle</b>	6585	100.0	547	100.0	6025	100.0	13	100.0
<2500	627	9.5	93	17.0	533	8.8	1	7.7
2500+	5952	90.4	454	83.0	5492	91.2	6	46.2
Unknown	6	0.1	0	0.0	0	0.0	6	46.2
Wilmington	973	100.0	139	100.0	833	100.0	1	100.0
<2500	136	14.0	33	23.7	103	12.4	0	0.0
2500+	836	85.9	106	76.3	730	87.6	0	0.0
Unknown	1	0.1	0	0.0	0	0.0	1	100.0
Balance of NC County	5612	100.0	408	100.0	5192	100.0	12	100.0
<2500	491	8.7	60	14.7	430	8.3	1	8.3
2500+	5116	91.2	348	85.3	4762	91.7	6	50.0
Unknown	5	0.1	0	0.0	0	0.0	5	41.7
<b>Sussex</b>	2304	100.0	330	100.0	1971	100.0	3	100.0
<2500	193	8.4	37	11.2	155	7.9	1	33.3
2500+	2110	91.6	293	88.8	1816	92.1	1	33.3
Unknown	1	0.0	0	0.0	0	0.0	1	33.3

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 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, U.S. AND DELAWARE, 2001 -2015**

Year/ Area	Race			Hispanic Origin*
	All Races	White	Black	
<b>2015</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	9.9	10.8	10.8	3.3
<b>2014</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	10.1	10.9	10.3	3.2
<b>2013</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	10.9	11.7	10.3	4.5
<b>2012</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	12.4	13.8	11.3	3.7
<b>2011</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	11.7	13.0	10.4	3.6
<b>2010</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	12.3	13.3	11.8	3.0
<b>2009</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	13.4	14.5	12.8	3.4
<b>2008</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	12.4	13.3	12.3	3.2
<b>2007</b>				
U.S.	10.4	N/A	N/A	2.1
Delaware	12.8	14.0	12.6	3.4
<b>2006</b>				
U.S.	13.2	N/A	N/A	2.8
Delaware	9.4	10.1	8.5	2.8
<b>2005</b>				
U.S.	12.4	N/A	N/A	2.7
Delaware	11.6	12.7	10.3	3.3
<b>2004</b>				
U.S.	16.3	N/A	N/A	5.7
Delaware	11.8	12.4	11.8	2.9
<b>2003</b>				
U.S.	10.7	11.6	8.1	2.7
Delaware	11.3	12.6	10.2	3.0
<b>2002</b>				
U.S.	11.4	12.3	8.7	3.0
Delaware	12.9	13.9	12.0	4.0
<b>2001</b>				
U.S.	12.0	13.0	9.0	3.2
Delaware	13.2	14.1	12.4	4.1

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

**TABLE C-45. NUMBER AND PERCENT OF LIVE BIRTHS BY DAY OF THE WEEK, DELAWARE, 2015**

Day	Number	Percent
Sunday	1100	9.9
Monday	1675	15.0
Tuesday	1756	15.8
Wednesday	1788	16.0
Thursday	1820	16.3
Friday	1782	16.0
Saturday	1226	11.0
Total	11147	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 Health and Social Services,  
Division of Public Health,  
Delaware Health Statistics Center*

**TABLE C-46. NUMBER AND PERCENT OF LIVE BIRTHS BY MONTH, DELAWARE, 2015**

Month	Number	Percent
January	933	8.4
February	858	7.7
March	919	8.2
April	898	8.1
May	951	8.5
June	892	8.0
July	1014	9.1
August	992	8.9
September	993	8.9
October	919	8.2
November	866	7.8
December	912	8.2
Total	11147	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 Health and Social Services,  
Division of Public Health,  
Delaware Health Statistics Center*

**TABLE C-47. MOST POPULAR BIRTH NAMES BY SEX OF CHILD, DELAWARE, 2014-2015**

**Males**

Rank	2014	
	Name	Number
1	Liam	66
2	Mason	55
3	Jacob	53
4	Logan	52
5	Michael	50
6	Alexander	45
6	Carter	45
6	James	45
6	William	45
10	Caleb	43
11	Anthony	42
12	Noah	41
13	Aiden	40
13	Elijah	40
13	Matthew	40

Rank	2015	
	Name	Number
1	Liam	63
2	Mason	59
3	Noah	58
4	Michael	51
5	Jackson	47
6	Luke	46
7	William	43
8	Aiden	42
8	Alexander	42
10	Anthony	40
10	Benjamin	40
10	Logan	40
13	Christopher	39
14	Cameron	38
15	Ethan	37

**Females**

Rank	2014	
	Name	Number
1	Sophia	69
2	Ava	64
3	Olivia	49
4	Isabella	45
5	Emma	42
6	Emily	41
7	Mia	37
8	Madison	35
9	Charlotte	27
9	Elizabeth	27
11	Aubrey	26
11	Layla	26
13	Avery	25
13	Lillian	25
15	Abigail	24

Rank	2015	
	Name	Number
1	Ava	61
2	Olivia	59
3	Sophia	56
4	Emma	44
5	Abigail	41
5	Mia	41
7	Madison	40
8	Grace	34
9	Isabella	33
10	Savannah	32
10	Aubrey	29
11	Avery	29
11	Charlotte	29
11	Sofia	29
15	Elizabeth	28

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

**TABLE C-48. RANKING OF PERCENTAGE OF LOW BIRTHWEIGHT (<2500 GRAMS), U.S., 50 STATES AND DISTRICT OF COLUMBIA, 2015**

State	Low Birthweight	
	Rate	Rank
Alabama	10.4	3
Alaska	5.8	51
Arizona	7.2	35
Arkansas	9.2	9
California	6.8	41
Colorado	9.0	12
Connecticut	7.9	28
<b>Delaware</b>	9.3	8
District of Columbia	10.0	4
Florida	8.6	15
Georgia	9.5	6
Hawaii	8.3	21
Idaho	6.6	44
Illinois	8.3	21
Indiana	8.0	27
Iowa	6.7	43
Kansas	6.8	41
Kentucky	8.7	13
Louisiana	10.6	2
Maine	6.9	39
Maryland	8.6	15
Massachusetts	7.5	33
Michigan	8.5	18
Minnesota	6.4	46
Mississippi	11.4	1
Missouri	8.3	21
Montana	7.1	36
Nebraska	7.1	36
Nevada	8.5	18
New Hampshire	6.9	39
New Jersey	8.1	26
New Mexico	8.7	13
New York	7.8	31
North Carolina	9.1	11
North Dakota	6.2	49
Ohio	8.5	18
Oklahoma	7.9	28
Oregon	6.4	46
Pennsylvania	8.2	24
Rhode Island	7.6	32
South Carolina	9.5	6
South Dakota	6.1	50
Tennessee	9.2	9
Texas	8.2	24
Utah	7.0	38
Vermont	6.6	44
Virginia	7.9	28
Washington	6.4	46
West Virginia	9.6	5
Wisconsin	7.3	34
Wyoming	8.6	15
United States	8.1	

Sources: National Center for Health Statistics  
 Delaware 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, 2015**

State	Cesarean Deliveries		Single Mothers	
	Rate <sup>1</sup>	Rank	Rate <sup>1</sup>	Rank
Alabama	35.2	5	43.9	10
Alaska	22.9	50	36.1	26
Arizona	27.6	37	45.5	7
Arkansas	32.3	18	45.0	9
California	32.3	18	38.8	20
Colorado	25.9	44	22.7	49
Connecticut	34.0	11	37.5	22
Delaware	31.9	20	46.3	6
District of Columbia	31.9	20	49.3	3
Florida	37.3	3	47.8	4
Georgia	33.6	14	45.2	8
Hawaii	25.9	44	37.1	23
Idaho	24.4	48	37.7	21
Illinois	31.0	25	40.4	17
Indiana	29.6	33	43.3	11
Iowa	29.8	31	35.3	29
Kansas	29.6	33	36.0	27
Kentucky	34.4	9	41.6	14
Louisiana	37.5	2	52.9	2
Maine	29.4	35	40.5	16
Maryland	34.9	6	40.1	19
Massachusetts	31.4	23	33.4	33
Michigan	31.9	20	41.9	13
Minnesota	26.5	42	32.2	36
Mississippi	38.0	1	53.5	1
Missouri	30.3	29	40.4	17
Montana	29.7	32	36.3	25
Nebraska	31.1	24	32.9	34
Nevada	34.6	8	46.7	5
New Hampshire	30.8	26	34.2	31
New Jersey	36.8	4	18.7	50
New Mexico	24.3	49	30.7	38
New York	33.8	12	25.6	47
North Carolina	29.3	36	26.8	43
North Dakota	27.5	38	25.7	46
Ohio	30.4	28	35.6	28
Oklahoma	32.4	17	34.8	30
Oregon	27.1	41	32.6	35
Pennsylvania	30.1	30	31.8	37
Rhode Island	30.6	27	36.4	24
South Carolina	33.7	13	30.7	38
South Dakota	25.7	46	26.0	45
Tennessee	33.2	15	33.7	32
Texas	34.4	9	26.7	44
Utah	22.8	51	13.3	51
Vermont	25.5	47	40.9	15
Virginia	32.9	16	23.5	48
Washington	27.5	38	27.2	42
West Virginia	34.9	6	43.0	12
Wisconsin	26.2	43	28.5	41
Wyoming	27.3	40	30.0	40
United States	32.0		40.3	

Notes: <sup>1</sup> Percentage of all Live Births

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

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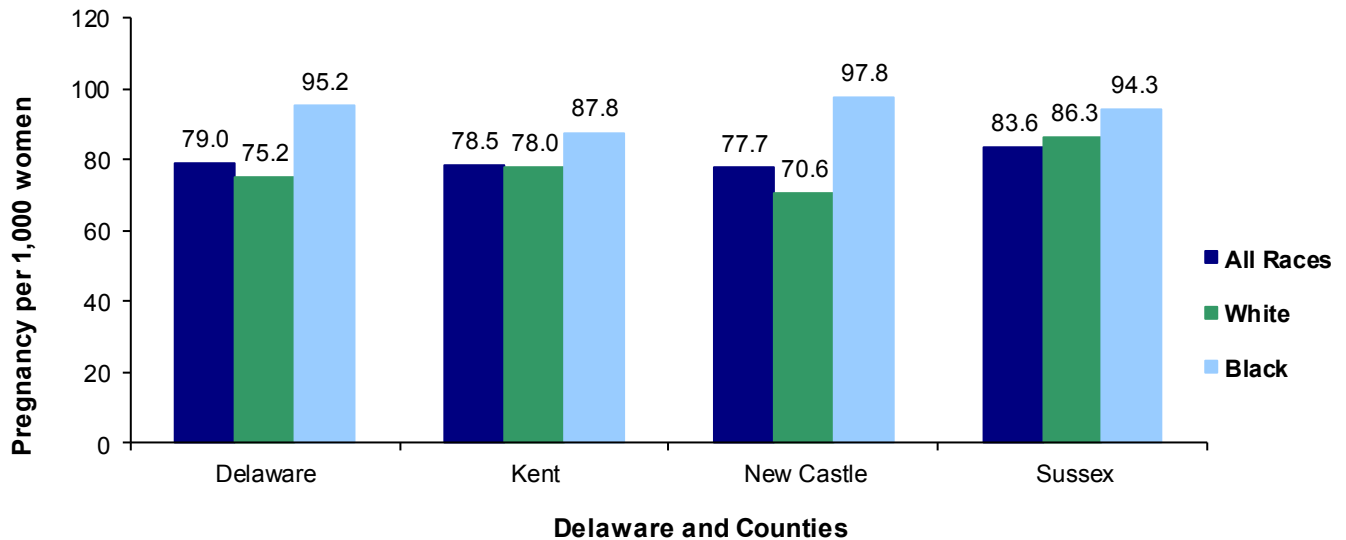
# Reported Pregnancies

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## REPORTED PREGNANCIES

At 79 reported pregnancies per 1,000 women ages 15-44, the 2011-2015 rate of reported pregnancies remained stable. Although pregnancy rates of black mothers were significantly higher than those of white mothers in every county, the largest difference between the pregnancy rate of white (70.6 percent) and black (97.8 percent) mothers occurred in New Castle County.

**Figure 21. Five-year Average Rate of Reported Pregnancies by Race, Delaware and Counties, 2011-2015**

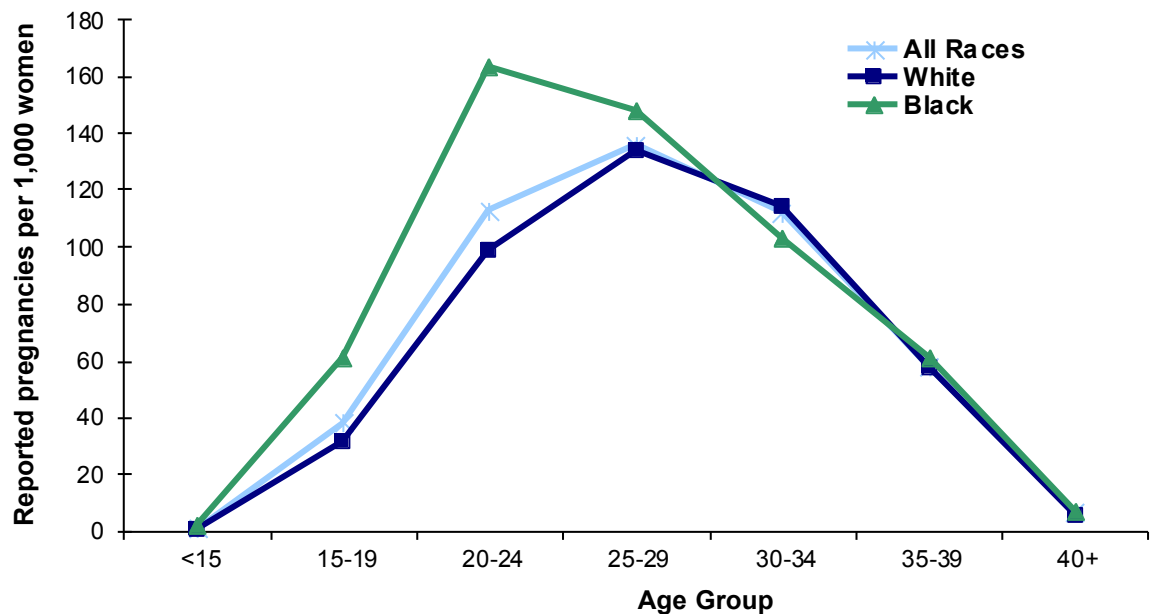


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure 22. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2011-2015**

For women of all races, the 25-29 year age group had the highest pregnancy rate, at 136 pregnancies per 1,000 women in 2011-2015.

Black women had higher pregnancy rates than white women in all age groups except the 30-34 age group.



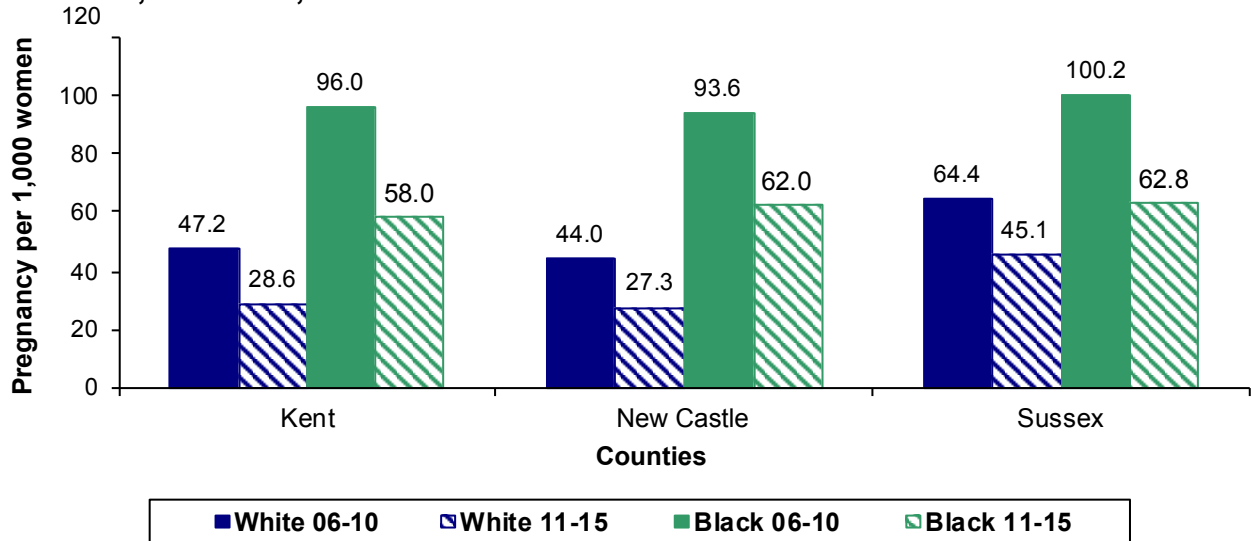
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center



## REPORTED PREGNANCIES

In all three counties the teen (15-19) pregnancy rates for all races declined between 2006-2010 and 2011-2015. Although all three Counties had a significant decline in the black teen pregnancy rate, Kent County's black teen pregnancy rate showed the greatest decline from 96 in 2006-2010 to 58 in 2011-2015. White teens in New Castle County had the lowest reported pregnancy rate at 27.3 pregnancies per 1,000 women in 2011-2015. With the exception of Sussex County, where white teen pregnancy rates were the highest, black teen pregnancy rates were more than twice that of white teens.

**Figure 23. Five-year Average Teenage (15-19) Pregnancy Rates by County and Race, Delaware, 2006-2010 and 2011-2015**



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

- ▶ The five-year average (2011-2015) pregnancy rate for younger teens ages 15-17 was lowest in Kent County, with 16.3 pregnancies per 1,000 females, followed by New Castle County with a rate of 19 and Sussex County with a rate of 21.6 (see Table D-8). The rates decreased in all three counties between 2006-2010 and 2011-2015.
- ▶ The five-year average (2011-2015) pregnancy rate for older teens ages 18-19 was lowest in New Castle County (60.5 pregnancies per 1,000 females), and highest in Sussex County (79.9).
- ▶ In 2015, there were 2,785 abortions performed in Delaware: 2,364 to Delaware residents and 421 to non-residents.
  - One fourth of all pregnancies to females under 15 ended in termination.
    - ⇒ 16.7 percent of pregnancies to white females under 15, and 30 percent of pregnancies to black females under 15, ended in terminations.
  - Married women undergo significantly fewer terminations than their single counterparts.
    - ⇒ 3 percent of pregnancies to white married women ended in termination and 7.8 percent of pregnancies to black married women ended in termination.
    - ⇒ When the women were unmarried, these numbers increased to 25.9 percent among white women and 31.1 percent among black women.
  - There were 68 fetal deaths of Delaware residents in 2015.
  - There were 11,147 live births to Delaware residents in 2015.

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**TABLE D-1. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2015**

Area/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	13579	100.0	11147	82.1	68	0.5	2364	17.4
<15	17	100.0	13	76.5	0	0.0	4	23.5
15-19	823	100.0	540	65.6	4	0.5	279	33.9
15-17	241	100.0	142	58.9	0	0.0	99	41.1
18-19	582	100.0	398	68.4	4	0.7	180	30.9
20-24	3060	100.0	2280	74.5	15	0.5	765	25.0
25-29	3967	100.0	3320	83.7	16	0.4	631	15.9
30-34	3623	100.0	3197	88.2	21	0.6	405	11.2
35-39	1720	100.0	1494	86.9	9	0.5	217	12.6
40+	369	100.0	303	82.1	3	0.8	63	17.1
Unknown	0	...	0	...	0	...	0	...
<b>Kent</b>	2681	100.0	2258	84.2	13	0.5	410	15.3
<15	3	100.0	3	100.0	0	0.0	0	0.0
15-19	149	100.0	96	64.4	1	0.7	52	34.9
15-17	43	100.0	26	60.5	0	0.0	17	39.5
18-19	106	100.0	70	66.0	1	0.9	35	33.0
20-24	731	100.0	576	78.8	3	0.4	152	20.8
25-29	847	100.0	736	86.9	4	0.5	107	12.6
30-34	612	100.0	543	88.7	1	0.2	68	11.1
35-39	288	100.0	261	90.6	4	1.4	23	8.0
40+	51	100.0	43	84.3	0	0.0	8	15.7
Unknown	0	...	0	...	0	...	0	...
<b>New Castle</b>	8237	100.0	6585	79.9	43	0.5	1609	19.5
<15	8	100.0	5	62.5	0	0.0	3	37.5
15-19	476	100.0	291	61.1	3	0.6	182	38.2
15-17	140	100.0	78	55.7	0	0.0	62	44.3
18-19	336	100.0	213	63.4	3	0.9	120	35.7
20-24	1681	100.0	1171	69.7	9	0.5	501	29.8
25-29	2316	100.0	1868	80.7	9	0.4	439	19.0
30-34	2375	100.0	2087	87.9	15	0.6	273	11.5
35-39	1114	100.0	949	85.2	4	0.4	161	14.5
40+	267	100.0	214	80.1	3	1.1	50	18.7
Unknown	0	...	0	...	0	...	0	...
<b>Sussex</b>	2661	100.0	2304	86.6	12	0.5	345	13.0
<15	6	100.0	5	83.3	0	0.0	1	16.7
15-19	198	100.0	153	77.3	0	0.0	45	22.7
15-17	58	100.0	38	65.5	0	0.0	20	34.5
18-19	140	100.0	115	82.1	0	0.0	25	17.9
20-24	648	100.0	533	82.3	3	0.5	112	17.3
25-29	804	100.0	716	89.1	3	0.4	85	10.6
30-34	636	100.0	567	89.2	5	0.8	64	10.1
35-39	318	100.0	284	89.3	1	0.3	33	10.4
40+	51	100.0	46	90.2	0	0.0	5	9.8
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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

**TABLE D-2. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE, HISPANIC ORIGIN, AND AGE OF WOMAN, DELAWARE, 2015**

Race- Hispanic Origin/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Races</b>	13579	100.0	11147	82.1	68	0.5	2364	17.4
<15	17	100.0	13	76.5	0	0.0	4	23.5
15-19	823	100.0	540	65.6	4	0.5	279	33.9
15-17	241	100.0	142	58.9	0	0.0	99	41.1
18-19	582	100.0	398	68.4	4	0.7	180	30.9
20-24	3060	100.0	2280	74.5	15	0.5	765	25.0
25-29	3967	100.0	3320	83.7	16	0.4	631	15.9
30-34	3623	100.0	3197	88.2	21	0.6	405	11.2
35-39	1720	100.0	1494	86.9	9	0.5	217	12.6
40+	369	100.0	303	82.1	3	0.8	63	17.1
Unknown	0	...	0	...	0	...	0	...
<b>White</b>	8423	100.0	7247	86.0	30	0.4	1146	13.6
<15	6	100.0	5	83.3	0	0.0	1	16.7
15-19	432	100.0	301	69.7	3	0.7	128	29.6
15-17	114	100.0	67	58.8	0	0.0	47	41.2
18-19	318	100.0	234	73.6	3	0.9	81	25.5
20-24	1713	100.0	1335	77.9	3	0.2	375	21.9
25-29	2482	100.0	2178	87.8	8	0.3	296	11.9
30-34	2426	100.0	2210	91.1	11	0.5	205	8.5
35-39	1122	100.0	1009	89.9	4	0.4	109	9.7
40+	242	100.0	209	86.4	1	0.4	32	13.2
Unknown	0	...	0	...	0	...	0	...
<b>Black</b>	4171	100.0	3069	73.6	32	0.8	1070	25.7
<15	10	100.0	7	70.0	0	0.0	3	30.0
15-19	344	100.0	215	62.5	1	0.3	128	37.2
15-17	112	100.0	70	62.5	0	0.0	42	37.5
18-19	232	100.0	145	62.5	1	0.4	86	37.1
20-24	1227	100.0	859	70.0	12	1.0	356	29.0
25-29	1197	100.0	888	74.2	6	0.5	303	25.3
30-34	849	100.0	674	79.4	7	0.8	168	19.8
35-39	449	100.0	356	79.3	4	0.9	89	19.8
40+	95	100.0	70	73.7	2	2.1	23	24.2
Unknown	0	...	0	...	0	...	0	...
<b>Other</b>	945	100.0	791	83.7	6	0.6	148	15.7
<15	1	100.0	1	100.0	0	0.0	0	0.0
15-19	42	100.0	19	45.2	0	0.0	23	54.8
15-17	15	100.0	5	33.3	0	0.0	10	66.7
18-19	27	100.0	14	51.9	0	0.0	13	48.1
20-24	117	100.0	83	70.9	0	0.0	34	29.1
25-29	276	100.0	242	87.7	2	0.7	32	11.6
30-34	337	100.0	302	89.6	3	0.9	32	9.5
35-39	143	100.0	123	86.0	1	0.7	19	13.3
40+	29	100.0	21	72.4	0	0.0	8	27.6
Unknown	0	...	0	...	0	...	0	...
<b>Hispanic*</b>	1851	100.0	1542	83.3	62	3.3	247	13.3
<15	6	100.0	5	83.3	0	0.0	1	16.7
15-19	163	100.0	130	79.8	2	1.2	31	19.0
15-17	47	100.0	33	70.2	0	0.0	14	29.8
18-19	116	100.0	97	83.6	2	1.7	17	14.7
20-24	482	100.0	393	81.5	14	2.9	75	15.6
25-29	522	100.0	448	85.8	15	2.9	59	11.3
30-34	404	100.0	338	83.7	21	5.2	45	11.1
35-39	208	100.0	171	82.2	7	3.4	30	14.4
40+	66	100.0	57	86.4	3	4.5	6	9.1
Unknown	0	...	0	...	0	...	0	...

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of pregnancies within each 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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE D-3. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN, DELAWARE, 2015**

Race- Hispanic Origin/ Education	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Races</b>	13579	100.0	11147	82.1	68	0.5	2364	17.4
<9	646	100.0	579	89.6	2	0.3	65	10.1
9 to 11	1475	100.0	1209	82.0	6	0.4	260	17.6
H.S. Grad	4096	100.0	2871	70.1	22	0.5	1203	29.4
1 to 3 College	3421	100.0	2899	84.7	22	0.6	500	14.6
4+ College	3740	100.0	3517	94.0	12	0.3	211	5.6
Unknown	201	100.0	72	35.8	4	2.0	125	62.2
<b>White</b>	8423	100.0	7247	86.0	30	0.4	1146	13.6
<9	577	100.0	531	92.0	1	0.2	45	7.8
9 to 11	844	100.0	693	82.1	2	0.2	149	17.7
H.S. Grad	2251	100.0	1667	74.1	12	0.5	572	25.4
1 to 3 College	2092	100.0	1857	88.8	8	0.4	227	10.9
4+ College	2562	100.0	2461	96.1	6	0.2	95	3.7
Unknown	97	100.0	38	39.2	1	1.0	58	59.8
<b>Black</b>	4171	100.0	3069	73.6	32	0.8	1070	25.7
<9	45	100.0	27	60.0	0	0.0	18	40.0
9 to 11	565	100.0	458	81.1	4	0.7	103	18.2
H.S. Grad	1695	100.0	1114	65.7	9	0.5	572	33.7
1 to 3 College	1183	100.0	926	78.3	13	1.1	244	20.6
4+ College	603	100.0	522	86.6	3	0.5	78	12.9
Unknown	80	100.0	22	27.5	3	3.8	55	68.8
<b>Other</b>	945	100.0	791	83.7	6	0.6	148	15.7
<9	23	100.0	20	87.0	1	4.3	2	8.7
9 to 11	56	100.0	48	85.7	0	0.0	8	14.3
H.S. Grad	148	100.0	88	59.5	1	0.7	59	39.9
1 to 3 College	137	100.0	107	78.1	1	0.7	29	21.2
4+ College	568	100.0	527	92.8	3	0.5	38	6.7
Unknown	13	100.0	1	7.7	0	0.0	12	92.3
<b>Hispanic*</b>	1795	100.0	1542	85.9	6	0.3	247	13.8
<9	427	100.0	387	90.6	1	0.2	39	9.1
9 to 11	384	100.0	315	82.0	1	0.3	68	17.7
H.S. Grad	547	100.0	437	79.9	3	0.5	107	19.6
1 to 3 College	289	100.0	265	91.7	1	0.3	23	8.0
4+ College	120	100.0	117	97.5	0	0.0	3	2.5
Unknown	28	100.0	21	75.0	0	0.0	7	25.0

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

**TABLE D-4. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE AND MARITAL STATUS OF WOMAN BY COUNTY, DELAWARE, 2015**

Area/Race/ Marital Status	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>								
All Races	13579	100.0	11147	82.1	68	0.5	2364	17.4
Married	6283	100.0	5983	95.2	29	0.5	271	4.3
Single	7296	100.0	5164	70.8	39	0.5	2093	28.7
White	8423	100.0	7247	86.0	30	0.4	1146	13.6
Married	4535	100.0	4383	96.6	14	0.3	138	3.0
Single	3888	100.0	2864	73.7	16	0.4	1008	25.9
Black	4171	100.0	3069	73.6	32	0.8	1070	25.7
Married	982	100.0	896	91.2	9	0.9	77	7.8
Single	3189	100.0	2173	68.1	23	0.7	993	31.1
Other	945	100.0	791	83.7	6	0.6	148	15.7
Married	750	100.0	688	91.7	6	0.8	56	7.5
Single	195	100.0	103	52.8	0	0.0	92	47.2
<b>Kent</b>								
All Races	2681	100.0	2258	84.2	13	0.5	410	15.3
Married	1260	100.0	1220	96.8	4	0.3	36	2.9
Single	1421	100.0	1038	73.0	9	0.6	374	26.3
White	1683	100.0	1493	88.7	5	0.3	185	11.0
Married	989	100.0	966	97.7	2	0.2	21	2.1
Single	694	100.0	527	75.9	3	0.4	164	23.6
Black	881	100.0	672	76.3	8	0.9	201	22.8
Married	208	100.0	193	92.8	2	1.0	13	6.3
Single	673	100.0	479	71.2	6	0.9	188	27.9
Other	116	100.0	92	79.3	0	0.0	24	20.7
Married	62	100.0	60	96.8	0	0.0	2	3.2
Single	54	100.0	32	59.3	0	0.0	22	40.7
<b>New Castle</b>								
All Races	8237	100.0	6585	79.9	43	0.5	1609	19.5
Married	3904	100.0	3689	94.5	18	0.5	197	5.0
Single	4333	100.0	2896	66.8	25	0.6	1412	32.6
White	4645	100.0	3904	84.0	18	0.4	723	15.6
Married	2572	100.0	2474	96.2	9	0.3	89	3.5
Single	2073	100.0	1430	69.0	9	0.4	634	30.6
Black	2802	100.0	2004	71.5	20	0.7	778	27.8
Married	670	100.0	609	90.9	4	0.6	57	8.5
Single	2132	100.0	1395	65.4	16	0.8	721	33.8
Other	757	100.0	644	85.1	5	0.7	108	14.3
Married	649	100.0	593	91.4	5	0.8	51	7.9
Single	108	100.0	51	47.2	0	0.0	57	52.8
<b>Sussex</b>								
All Races	2661	100.0	2304	86.6	12	0.5	345	13.0
Married	1119	100.0	1074	96.0	7	0.6	38	3.4
Single	1542	100.0	1230	79.8	5	0.3	307	19.9
White	2095	100.0	1850	88.3	7	0.3	238	11.4
Married	974	100.0	943	96.8	3	0.3	28	2.9
Single	1121	100.0	907	80.9	4	0.4	210	18.7
Black	488	100.0	393	80.5	4	0.8	91	18.6
Married	104	100.0	94	90.4	3	2.9	7	6.7
Single	384	100.0	299	77.9	1	0.3	84	21.9
Other	72	100.0	55	76.4	1	1.4	16	22.2
Married	39	100.0	35	89.7	1	2.6	3	7.7
Single	33	100.0	20	60.6	0	0.0	13	39.4

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 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, 2005-2015**

**ALL RACES**

Area/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Delaware</b>	14699	15498	15691	15400	14971	14906	14437	14267	13421	13461	13579
<15	37	54	37	47	33	34	32	28	18	18	17
15-19	1786	1879	1900	1846	1574	1574	1378	1172	1067	926	823
15-17	598	626	640	607	488	504	427	348	304	273	241
18-19	1188	1253	1260	1239	1086	1070	951	824	763	653	582
20-24	4029	4275	4337	4141	4028	3908	3702	3703	3290	3156	3060
25-29	3802	4100	4172	4327	4172	4187	4118	3990	3797	3924	3967
30-34	3110	3169	3236	3035	3134	3211	3279	3427	3424	3508	3623
35-39	1579	1662	1616	1647	1558	1581	1536	1564	1451	1525	1720
40+	356	359	393	357	472	411	392	383	374	404	369
<b>Kent</b>	2793	2822	2877	2925	2901	2815	2689	2752	2672	2683	2681
<15	7	5	5	5	5	4	3	2	2	3	3
15-19	354	347	378	356	291	304	267	235	201	169	149
15-17	101	92	108	111	86	98	73	60	53	44	43
18-19	253	255	270	245	205	206	194	175	148	125	106
20-24	933	900	915	899	971	852	773	808	778	754	731
25-29	746	765	837	823	825	827	831	783	785	844	847
30-34	478	511	474	511	528	529	551	597	611	631	612
35-39	219	240	211	277	203	227	217	262	228	231	288
40+	56	54	57	54	78	72	47	65	67	51	51
<b>New Castle</b>	9288	9812	9773	9382	9233	9360	9143	8781	8225	8153	8237
<15	24	40	21	33	21	24	21	22	14	11	8
15-19	1043	1136	1114	1061	945	971	846	682	626	540	476
15-17	378	423	407	362	290	314	272	215	187	172	140
18-19	665	713	707	699	655	657	574	467	439	368	336
20-24	2273	2464	2405	2251	2209	2254	2147	2082	1861	1729	1681
25-29	2398	2557	2535	2639	2543	2573	2527	2445	2251	2285	2316
30-34	2161	2178	2259	2058	2103	2150	2244	2275	2236	2273	2375
35-39	1155	1183	1150	1092	1090	1107	1075	1033	987	1026	1114
40+	234	254	289	248	322	281	283	242	250	289	267
<b>Sussex</b>	2618	2864	3041	3093	2837	2731	2605	2734	2524	2625	2661
<15	6	9	11	9	7	6	8	4	2	4	6
15-19	389	396	408	429	338	299	265	255	240	217	198
15-17	119	111	125	134	112	92	82	73	64	57	58
18-19	270	285	283	295	226	207	183	182	176	160	140
20-24	823	911	1017	991	848	802	782	813	651	673	648
25-29	658	778	800	865	804	787	760	762	761	795	804
30-34	471	480	503	466	503	532	484	555	577	604	636
35-39	205	239	255	278	265	247	244	269	236	268	318
40+	66	51	47	55	72	58	62	76	57	64	51

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

*Source:* Delaware 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, 2005-2015**

**WHITE**

Area/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Delaware</b>	9774	10080	9986	9866	9342	9244	9092	8899	8299	8391	8423
<15	18	20	13	20	15	9	8	11	7	4	6
15-19	1011	1041	1020	1018	829	808	740	630	524	478	432
15-17	328	322	312	326	250	261	230	168	155	129	114
18-19	683	719	708	692	579	547	510	462	369	349	318
20-24	2532	2572	2589	2458	2359	2222	2105	2092	1834	1790	1713
25-29	2557	2773	2741	2816	2688	2712	2689	2531	2413	2523	2482
30-34	2243	2261	2237	2153	2118	2170	2279	2358	2320	2349	2426
35-39	1152	1170	1129	1169	1035	1047	1013	1031	956	989	1122
40+	261	243	257	232	298	276	258	246	245	258	242
<b>Kent</b>	1877	1879	1883	1887	1842	1779	1750	1775	1676	1711	1683
<15	2	3	2	2	4	1	1	2	1	1	0
15-19	200	187	224	194	148	155	150	113	90	90	76
15-17	57	43	55	53	41	50	42	28	23	19	19
18-19	143	144	169	141	107	105	108	85	67	71	57
20-24	604	565	548	540	593	509	450	476	450	440	413
25-29	513	544	587	556	555	566	593	532	526	580	546
30-34	356	366	329	367	353	357	399	432	420	432	431
35-39	164	175	153	192	142	150	130	177	146	137	184
40+	38	39	40	36	47	41	27	43	43	31	33
<b>New Castle</b>	5890	6070	5947	5543	5330	5363	5337	5001	4702	4673	4645
<15	12	13	7	12	9	7	4	6	5	2	2
15-19	549	595	570	514	457	439	403	328	273	234	215
15-17	187	208	197	182	130	148	135	92	90	72	55
18-19	362	387	373	332	327	291	268	236	183	162	160
20-24	1350	1360	1347	1189	1145	1154	1109	1010	931	892	830
25-29	1513	1641	1555	1564	1504	1517	1488	1390	1288	1313	1292
30-34	1481	1494	1509	1380	1342	1357	1478	1477	1415	1424	1465
35-39	815	802	778	733	681	700	673	638	640	633	677
40+	170	165	181	151	192	189	182	152	150	175	164
<b>Sussex</b>	2007	2131	2156	2436	2170	2102	2005	2123	1921	2007	2095
<15	4	4	4	6	2	1	3	3	1	1	4
15-19	262	259	226	310	224	214	187	189	161	154	141
15-17	84	71	60	91	79	63	53	48	42	38	40
18-19	178	188	166	219	145	151	134	141	119	116	101
20-24	578	647	694	729	621	559	546	606	453	458	470
25-29	531	588	599	696	629	629	608	609	599	630	644
30-34	406	401	399	406	423	456	402	449	485	493	530
35-39	173	193	198	244	212	197	210	216	170	219	261
40+	53	39	36	45	59	46	49	51	52	52	45

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

Source: Delaware 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, 2005-2015**

**BLACK**

Area/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Delaware</b>	4187	4522	4738	4727	4802	4858	4622	4550	4317	4106	4171
<15	18	32	22	27	18	24	24	17	9	12	10
15-19	741	786	805	790	718	734	616	512	509	411	344
15-17	262	286	309	272	232	234	193	175	140	135	112
18-19	479	500	496	518	486	500	423	337	369	276	232
20-24	1372	1525	1564	1542	1532	1580	1515	1508	1344	1231	1227
25-29	1020	1044	1132	1229	1237	1213	1182	1199	1130	1111	1197
30-34	632	677	722	670	758	775	769	818	835	837	849
35-39	325	371	385	361	409	417	404	392	387	397	449
40+	79	87	108	108	130	115	112	104	103	107	95
<b>Kent</b>	785	840	913	947	947	932	863	873	884	848	881
<15	5	2	3	3	1	3	2	0	0	1	3
15-19	135	154	145	152	133	145	112	119	99	68	63
15-17	42	48	51	54	42	47	30	32	26	20	22
18-19	93	106	94	98	91	98	82	87	73	48	41
20-24	299	313	345	333	345	321	302	305	303	285	295
25-29	197	186	229	244	246	222	220	224	231	237	264
30-34	93	119	123	130	143	145	130	140	159	165	151
35-39	42	54	52	69	55	65	80	72	71	74	89
40+	14	12	16	16	24	31	17	13	21	18	16
<b>New Castle</b>	2869	3160	3219	3206	3267	3362	3212	3138	2902	2721	2802
<15	12	26	14	21	12	16	17	16	8	8	5
15-19	486	519	524	525	474	507	430	333	336	283	235
15-17	186	203	206	177	158	159	135	119	95	97	75
18-19	300	316	318	348	316	348	295	214	241	186	160
20-24	850	1019	991	971	980	1029	991	1008	858	756	771
25-29	717	733	774	846	845	854	827	841	758	733	794
30-34	491	510	539	490	552	569	569	588	599	579	609
35-39	259	286	295	270	310	312	295	282	263	281	314
40+	54	67	82	83	94	75	83	70	80	81	74
<b>Sussex</b>	533	522	606	574	588	564	547	539	531	537	488
<15	1	4	5	3	5	5	5	1	1	3	2
15-19	120	113	136	113	111	82	74	60	74	60	46
15-17	34	35	52	41	32	28	28	24	19	18	15
18-19	86	78	84	72	79	54	46	36	55	42	31
20-24	223	193	228	238	207	230	222	195	183	190	161
25-29	106	125	129	139	146	137	135	134	141	141	139
30-34	48	48	60	50	63	61	70	90	77	93	89
35-39	24	31	38	22	44	40	29	38	53	42	46
40+	11	8	10	9	12	9	12	21	2	8	5

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

Source: Delaware 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 2003-2015**

**ALL RACES**

Area/ Age	2003- 2007	2004- 2008	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015
<b>Delaware</b>	85.5	86.2	86.4	86.6	85.5	84.1	82.1	80.4	79.0
<15	1.5	1.5	1.5	1.5	1.3	1.3	1.0	0.9	0.8
15-19	65.7	64.3	61.5	59.6	56.2	51.5	46.7	42.7	37.7
15-17	37.0	35.9	33.6	32.5	30.4	27.4	24.3	21.9	18.9
18-19	110.0	107.9	104.0	100.2	94.0	86.3	78.9	72.6	65.1
20-24	143.9	146.1	146.9	146.3	140.6	134.0	126.4	119.1	112.4
25-29	140.2	139.1	137.8	137.2	137.8	138.8	137.3	136.9	136.0
30-34	117.9	118.8	119.4	120.2	117.3	113.8	112.2	111.5	111.6
35-39	51.9	53.5	54.2	54.8	55.3	56.6	56.5	56.8	57.9
40+	5.4	5.5	5.8	5.9	6.1	6.1	6.3	6.2	6.2
<b>Kent</b>	85.4	85.9	86.9	86.0	84.5	83.3	81.4	79.8	78.5
<15	1.2	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.5
15-19	64.1	63.3	60.9	58.7	56.0	51.1	45.9	41.8	36.3
15-17	31.3	31.4	29.7	29.3	28.2	25.4	22.1	19.6	16.3
18-19	113.1	110.4	106.3	101.4	96.3	88.3	80.5	74.1	65.9
20-24	166.0	161.7	162.2	156.8	149.6	144.2	139.6	132.6	129.1
25-29	144.1	143.1	142.6	139.5	139.2	136.8	135.1	135.2	135.3
30-34	98.6	100.6	103.3	103.9	101.1	100.5	99.5	99.1	98.3
35-39	41.0	44.1	44.2	44.4	43.7	46.1	44.6	45.5	47.4
40+	4.7	4.6	5.0	5.2	5.1	5.3	5.5	5.2	4.9
<b>New Castle</b>	84.2	84.3	84.1	84.5	83.8	82.6	81.0	79.4	77.7
<15	1.6	1.6	1.6	1.6	1.4	1.4	1.2	1.1	0.9
15-19	63.8	61.0	57.8	56.5	53.3	49.0	45.0	41.1	36.0
15-17	38.0	36.0	33.3	32.2	29.8	26.8	24.0	22.1	19.0
18-19	104.5	100.6	96.0	93.2	87.7	81.0	74.8	68.2	60.5
20-24	127.3	130.7	133.1	134.9	130.2	123.7	116.9	109.6	101.9
25-29	131.8	129.2	127.9	128.1	130.8	135.2	135.9	136.5	138.0
30-34	125.5	126.6	126.1	126.2	122.8	117.6	115.0	114.3	113.1
35-39	57.4	58.1	58.4	58.7	59.6	60.4	61.0	61.0	62.6
40+	6.1	6.2	6.4	6.7	6.9	6.7	6.8	6.8	6.7
<b>Sussex</b>	90.5	93.9	94.5	94.8	92.9	90.6	86.6	84.7	83.6
<15	1.6	1.7	1.7	1.7	1.6	1.3	1.0	0.9	0.9
15-19	73.8	76.7	75.1	71.7	66.7	60.8	53.5	49.1	45.2
15-17	39.7	40.7	38.7	36.8	34.9	31.8	27.3	23.8	21.6
18-19	125.1	129.9	128.6	123.5	114.2	103.0	91.4	86.1	79.9
20-24	182.5	183.5	176.3	171.5	164.3	156.5	143.6	136.1	130.0
25-29	173.7	179.6	175.9	173.8	164.1	154.2	144.5	140.0	136.0
30-34	108.4	107.8	111.0	114.9	114.2	114.5	116.1	115.5	113.9
35-39	41.6	45.6	48.4	50.5	51.7	53.5	52.7	53.7	57.7
40+	4.1	4.1	4.4	4.3	4.5	5.0	5.2	5.1	5.2

*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 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 2003-2015**

**WHITE**

Area/ Age	2003- 2007	2004- 2008	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015
<b>Delaware</b>	79.7	81.0	81.1	80.9	80.1	79.0	77.1	76.0	75.2
<15	0.9	0.9	0.9	0.9	0.7	0.7	0.6	0.4	0.4
15-19	53.4	52.9	50.7	48.7	45.9	42.4	37.9	34.8	31.3
15-17	28.4	28.0	26.3	25.4	24.1	22.0	19.4	17.6	15.1
18-19	91.8	90.9	87.6	83.5	77.8	71.7	64.2	59.3	54.2
20-24	126.2	130.1	131.3	129.5	124.3	118.1	110.8	104.3	98.8
25-29	134.9	134.2	132.7	132.0	132.9	134.4	133.5	134.1	133.5
30-34	122.4	123.9	123.7	123.9	120.7	117.1	114.4	113.7	114.0
35-39	52.7	54.8	54.9	54.8	55.1	56.3	55.8	56.2	57.5
40+	5.1	5.1	5.3	5.4	5.5	5.6	5.8	5.8	5.8
<b>Kent</b>	82.9	83.7	84.7	83.5	82.5	81.8	80.1	78.9	78.0
<15	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.3	0.3
15-19	52.2	51.5	49.4	47.2	45.7	40.3	35.4	32.6	28.6
15-17	24.1	23.2	21.8	21.3	21.4	19.2	16.8	15.0	12.2
18-19	93.9	92.9	89.4	84.7	80.8	70.8	61.9	57.7	52.2
20-24	159.9	151.4	148.3	140.1	132.3	128.1	123.8	117.1	113.2
25-29	162.7	165.2	166.1	163.3	159.9	151.5	145.1	142.6	138.0
30-34	104.9	108.4	111.4	112.6	114.1	118.6	119.0	119.7	119.1
35-39	41.9	44.7	45.1	44.6	43.0	45.7	44.3	45.0	48.1
40+	4.5	4.4	4.6	4.7	4.4	4.6	4.8	4.5	4.5
<b>New Castle</b>	76.8	76.9	76.5	76.1	75.3	73.9	72.6	71.6	70.6
<15	0.9	1.0	1.0	0.9	0.7	0.7	0.6	0.4	0.3
15-19	50.5	48.3	45.9	44.0	41.0	37.5	34.0	30.8	27.3
15-17	28.2	27.3	25.4	24.6	22.9	20.4	18.2	16.9	14.3
18-19	85.5	81.2	77.8	73.5	67.6	62.0	56.5	50.4	45.7
20-24	104.4	109.3	112.9	113.4	109.5	101.9	95.9	90.3	83.9
25-29	118.3	114.1	112.1	111.6	114.4	119.8	122.9	125.6	127.3
30-34	129.5	130.4	128.0	126.2	120.6	113.4	108.9	108.0	108.9
35-39	59.0	60.0	59.4	58.9	59.3	59.5	59.9	59.7	59.0
40+	5.7	5.8	5.8	6.1	6.3	6.3	6.4	6.5	6.5
<b>Sussex</b>	86.3	91.8	92.5	93.3	92.4	92.3	88.0	86.5	86.3
<15	1.0	1.0	1.1	0.9	0.9	0.8	0.5	0.5	0.6
15-19	63.3	68.2	66.5	64.4	60.9	59.3	51.8	48.7	45.1
15-17	33.3	34.8	33.7	31.9	30.4	29.8	25.7	22.2	20.3
18-19	108.1	117.0	114.5	112.4	106.2	102.0	89.4	87.0	81.1
20-24	170.8	175.1	168.0	163.1	156.4	152.4	139.2	130.9	126.9
25-29	178.8	190.2	185.8	183.4	174.3	165.1	153.4	148.8	144.6
30-34	114.5	116.7	121.2	126.7	127.2	129.1	130.8	129.6	127.2
35-39	42.1	47.1	49.7	51.3	53.5	56.2	53.9	55.9	61.4
40+	3.9	3.9	4.2	4.1	4.4	4.7	5.0	5.0	5.1

*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 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 2003-2015**

**BLACK**

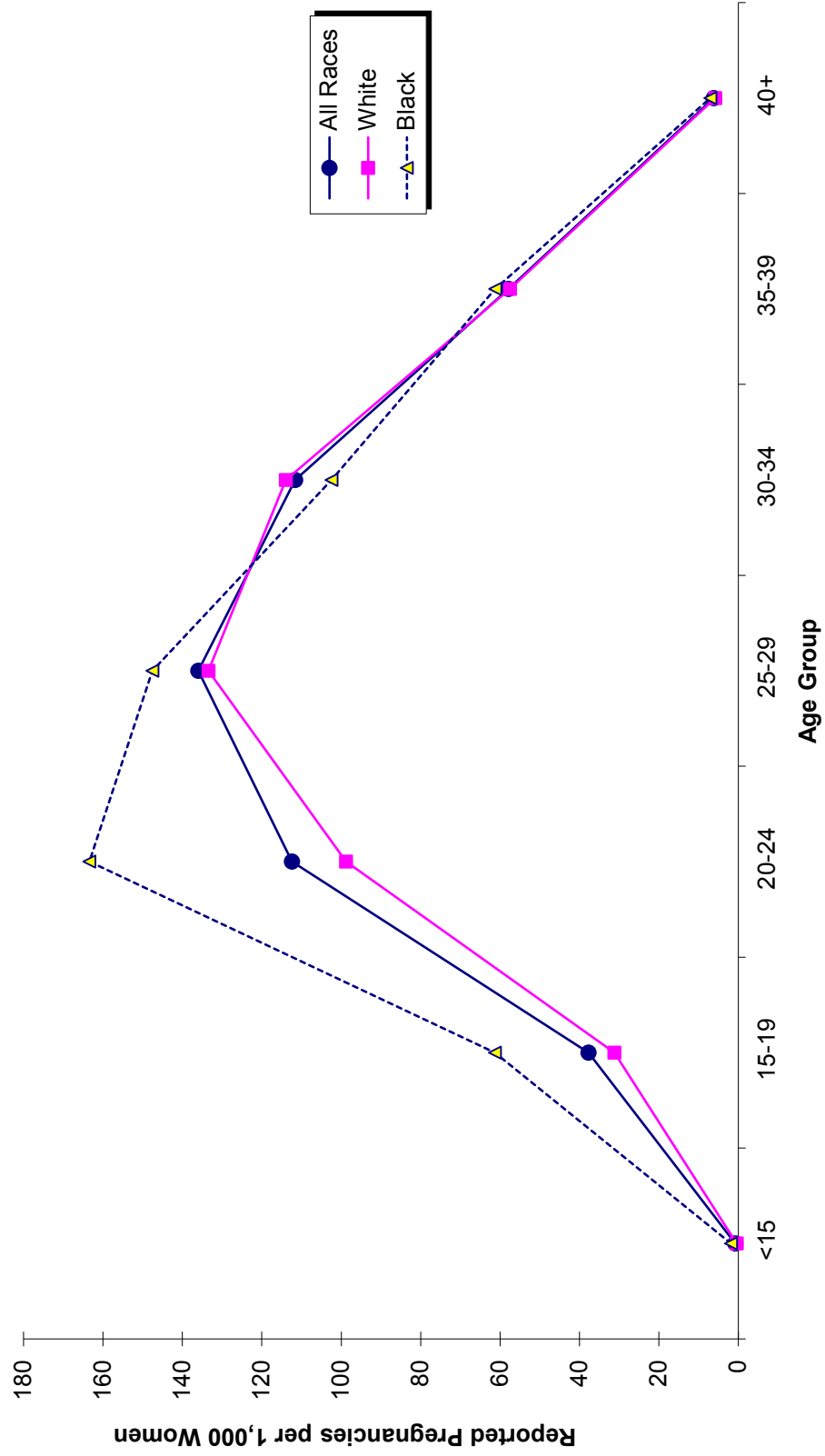
Area/ Age	2003- 2007	2004- 2008	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2010- 2015
<b>Delaware</b>	104.1	104.3	105.1	106.7	106.1	104.5	102.2	98.7	95.2
<15	3.3	3.2	3.1	3.3	3.0	2.9	2.4	2.2	1.9
15-19	103.9	101.1	96.6	94.9	90.4	83.7	77.6	70.8	61.3
15-17	63.7	60.9	56.5	55.1	51.5	46.7	41.7	37.9	32.6
18-19	167.3	164.0	158.4	154.6	147.2	136.7	128.5	118.0	103.4
20-24	202.9	201.9	201.6	204.6	199.2	192.6	184.1	173.9	163.4
25-29	153.4	152.2	151.6	151.1	152.6	154.4	152.1	148.8	147.5
30-34	106.5	107.4	110.6	113.2	110.4	107.1	106.2	104.2	102.5
35-39	48.5	50.0	52.7	56.0	58.4	60.0	61.7	61.2	61.2
40+	6.0	6.4	6.9	7.3	7.6	7.5	7.5	7.2	7.1
<b>Kent</b>	99.2	99.3	101.2	101.5	99.3	96.4	93.6	90.3	87.8
<15	2.6	2.5	2.0	1.6	1.6	1.2	0.8	0.8	0.7
15-19	101.6	100.5	96.5	96.0	89.4	85.2	78.0	69.5	58.0
15-17	55.0	56.7	53.6	53.9	49.3	44.7	38.0	33.0	27.1
18-19	172.1	165.2	158.9	157.0	147.6	143.8	137.4	124.1	105.2
20-24	190.8	197.8	210.2	214.6	209.6	199.6	193.4	185.4	182.6
25-29	116.9	112.1	111.2	107.6	112.5	118.5	124.3	129.5	141.1
30-34	88.6	89.8	94.6	95.6	84.7	75.8	71.9	69.7	67.5
35-39	41.2	45.2	46.4	49.5	52.7	54.7	52.7	52.1	50.7
40+	5.3	5.4	6.4	7.5	7.7	7.5	7.9	7.5	6.4
<b>New Castle</b>	106.8	106.6	106.8	109.0	108.6	107.7	105.5	101.7	97.8
<15	3.5	3.3	3.3	3.5	3.2	3.2	2.7	2.5	2.1
15-19	104.6	100.3	94.7	93.6	89.7	83.6	77.7	71.7	62.0
15-17	66.8	61.8	56.8	55.0	51.2	46.8	42.6	39.1	33.8
18-19	165.6	162.5	154.6	152.0	146.2	136.0	127.1	117.8	103.0
20-24	207.7	202.7	199.3	203.0	195.8	189.9	181.0	168.6	156.2
25-29	168.7	170.2	171.0	172.2	172.8	173.1	167.0	160.2	154.5
30-34	115.4	117.5	120.9	124.5	124.7	123.7	124.6	122.7	121.0
35-39	52.6	53.7	56.2	59.0	61.3	62.8	64.7	64.5	65.3
40+	6.3	6.9	7.3	7.6	7.9	7.6	7.6	7.4	7.4
<b>Sussex</b>	97.9	100.1	101.7	102.7	103.5	101.0	99.4	97.3	94.3
<15	3.4	3.8	3.5	4.4	4.6	3.8	3.4	3.0	2.4
15-19	103.5	105.2	106.1	100.2	94.9	82.3	76.5	68.3	62.8
15-17	60.7	62.2	58.6	57.1	56.1	48.8	42.9	39.0	35.2
18-19	168.2	168.7	175.2	163.5	151.7	130.0	123.3	109.7	102.6
20-24	200.9	204.4	199.3	197.6	200.1	195.2	185.2	183.0	171.9
25-29	146.5	144.9	142.0	142.6	138.6	133.8	131.0	127.3	124.9
30-34	78.7	74.6	77.2	79.4	81.5	84.7	86.5	88.1	88.8
35-39	33.6	34.2	40.1	46.5	48.5	50.3	59.4	58.1	58.4
40+	4.9	5.0	5.2	5.0	5.6	6.9	6.4	6.1	5.9

*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.

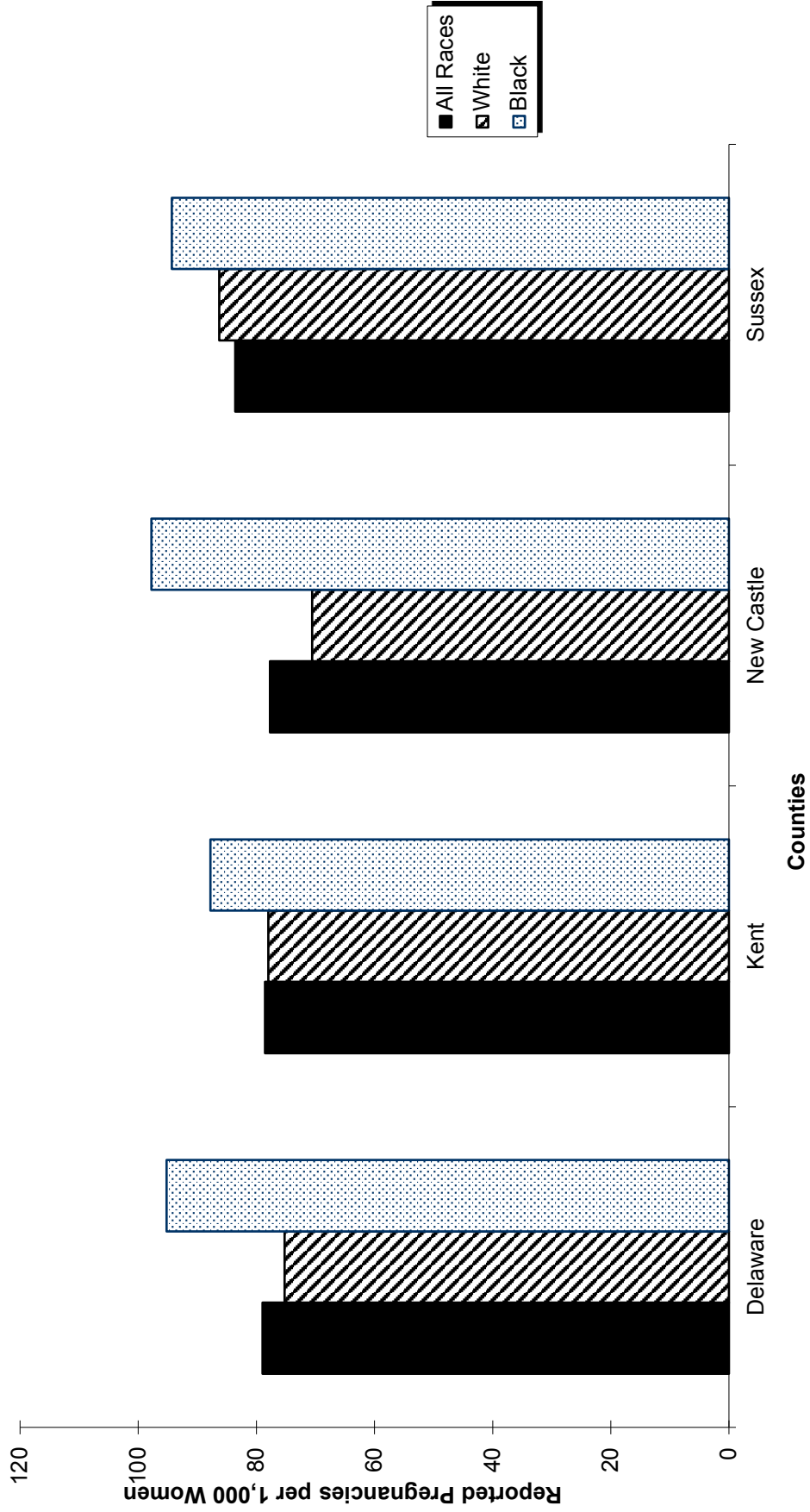
*Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

**Figure D-1. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2011-2015**



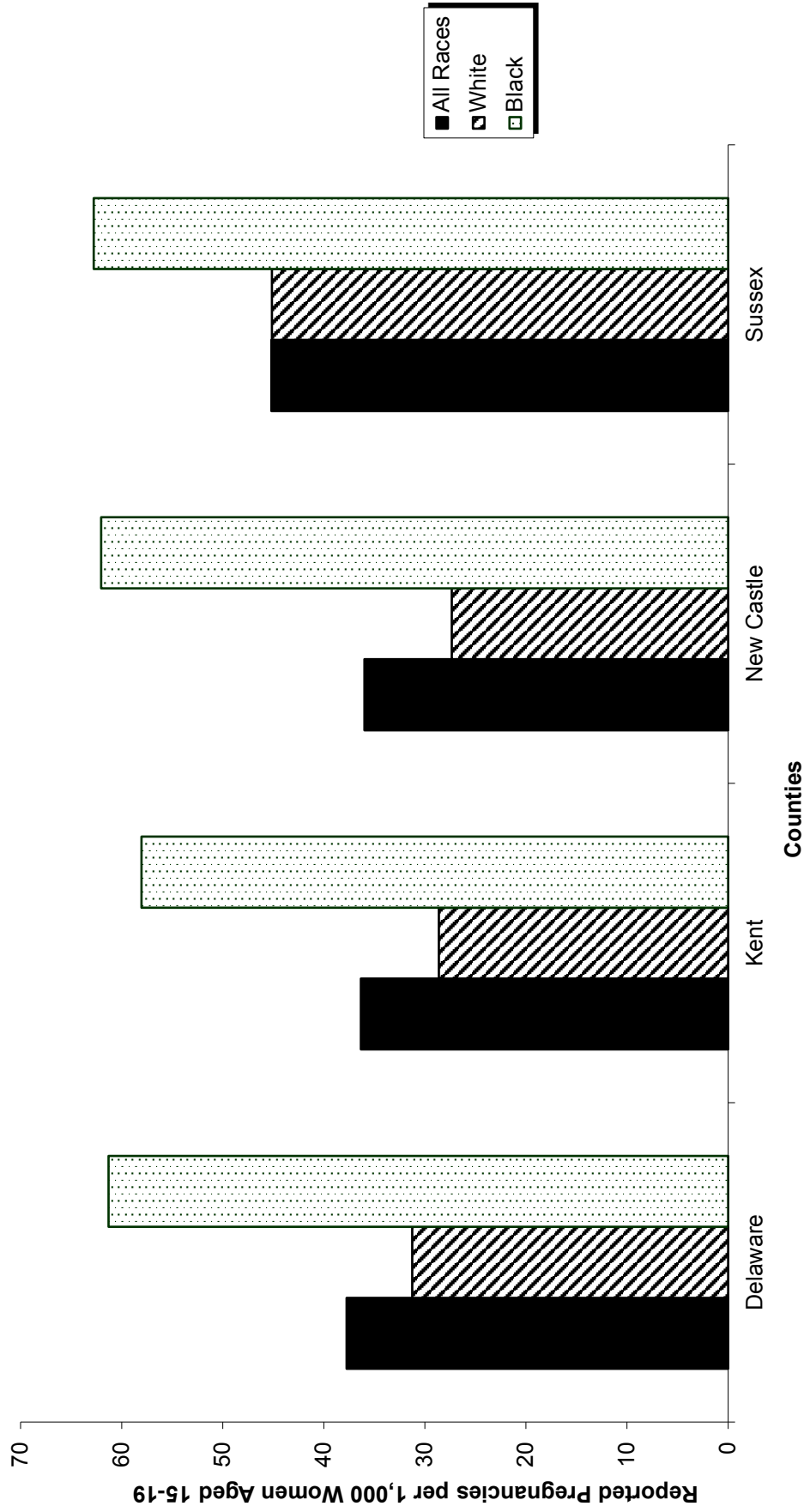
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure D-2. Five-year Average Rate of Reported Pregnancies by County and Race, Delaware, 2011-2015**



Source: Delaware 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, 2011-2015**



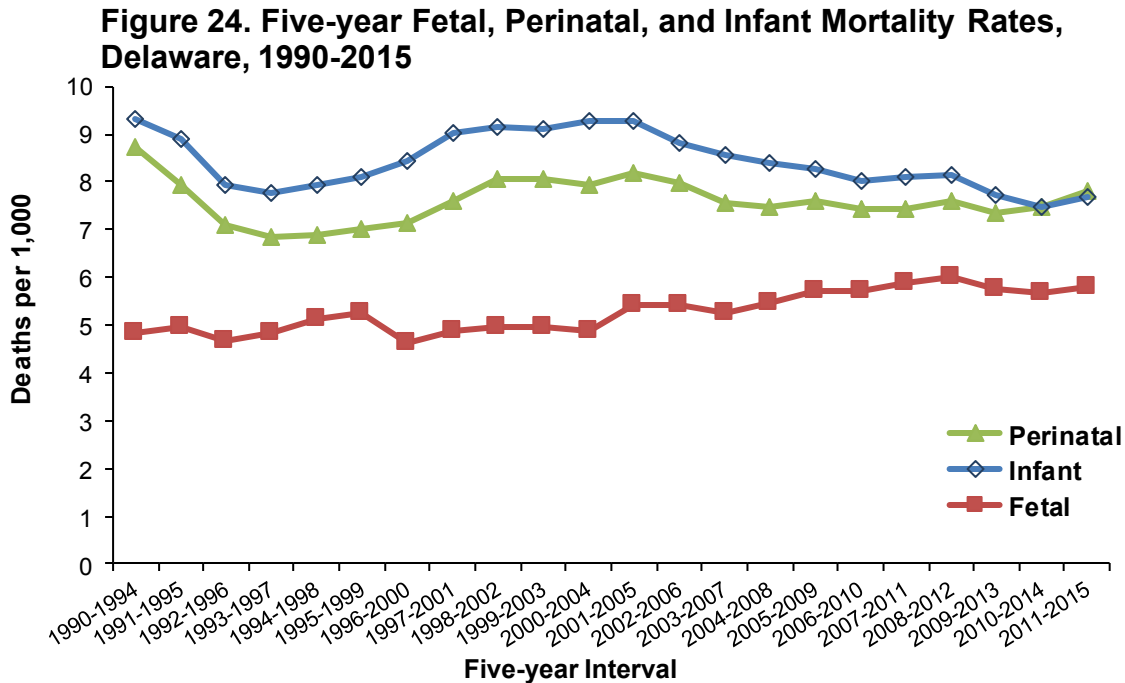
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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## FETAL AND PERINATAL DEATHS

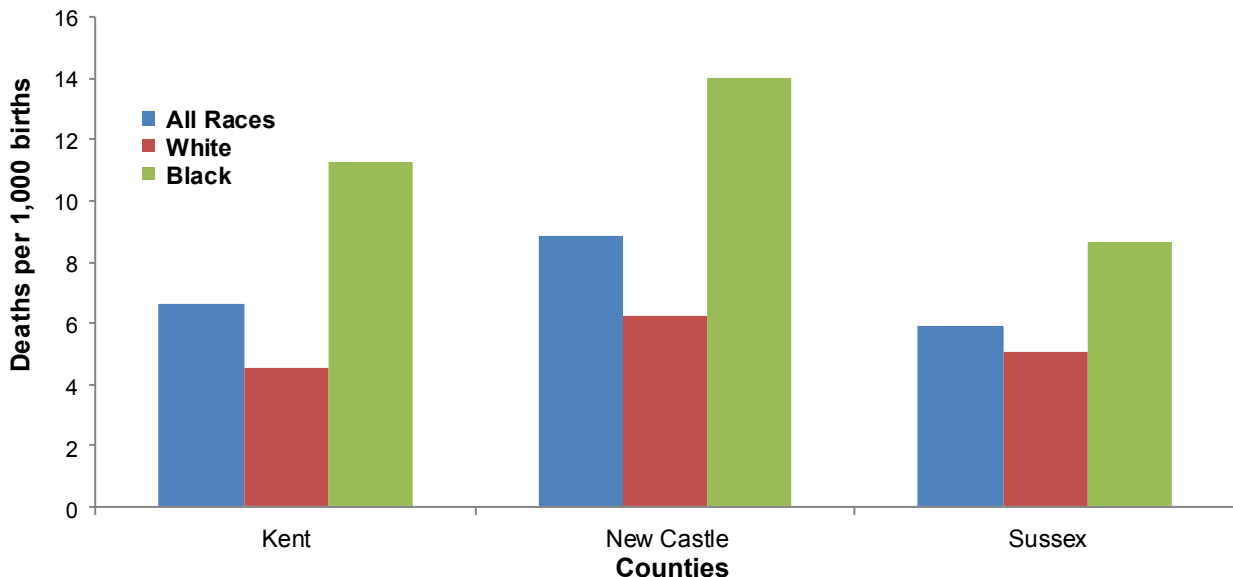
Perinatal mortality refers to deaths occurring in the period around delivery, and includes late fetal deaths (>28 weeks gestation) and early infant deaths (<7 days of age). Perinatal mortality trends paralleled those of infant mortality, decreasing from 1990-1994 to their lowest level in 1993-1997, and then increasing through 2001-2005, after which they began a gradual decrease and closed the gap between the rates through 2009-2013. The infant and perinatal mortality rates became nearly equal in the 2011-2015 time period (7.7 infant deaths per 1,000 live births and 7.8 perinatal deaths per 1,000 live births).



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

Like infant mortality rates, black perinatal mortality rates were substantially higher than white perinatal mortality rates, regardless of county. In New Castle County, the black perinatal mortality rate of 14.0 perinatal deaths per 1,000 live births was more than double the white perinatal mortality rate of 6.3 perinatal deaths per 1,000 live births.

**Figure 25. Five-year Average Perinatal Mortality Rates by Race and County, Delaware, 2011-2015**

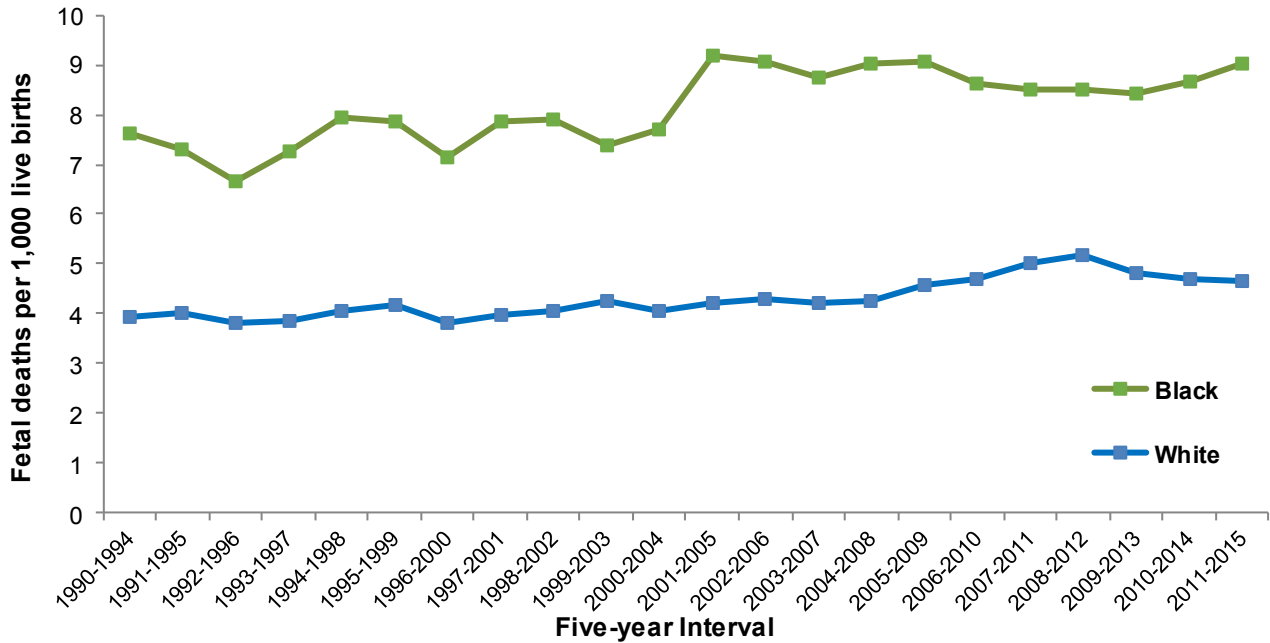


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## FETAL AND PERINATAL DEATHS

In 2015, there were 68 reported fetal deaths in Delaware. In 2011-2015, the fetal mortality rate was 5.8 fetal deaths per 1,000 live births. Fetal mortality rates for black women have been consistently higher than the rates for white women, and in 2011-2015 they were 48 percent higher than the rate of white women (9.0 versus 4.7).

**Figure 26. Five-year Average Fetal Mortality Rates by Mother's Race, Delaware, 1990-2015**



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

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**TABLE D-11. NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AGE OF WOMAN, AND COUNTY, DELAWARE, 2015**

Area/ Age	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
<b>Delaware</b>	68	30	32	6	6
<20	4	3	1	0	2
20-24	15	3	12	0	1
25-34	37	19	13	5	1
35+	12	5	6	1	2
Unknown	0	0	0	0	0
<b>Kent</b>	13	5	8	0	2
<20	1	1	0	0	1
20-24	3	0	3	0	0
25-34	5	2	3	0	0
35+	4	2	2	0	1
Unknown	0	0	0	0	0
<b>New Castle</b>	43	18	20	5	3
<20	3	2	1	0	1
20-24	9	2	7	0	1
25-34	24	12	8	4	1
35+	7	2	4	1	0
Unknown	0	0	0	0	0
<b>Sussex</b>	12	7	4	1	1
<20	0	0	0	0	0
20-24	3	1	2	0	0
25-34	8	5	2	1	0
35+	1	1	0	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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE D-12. NUMBER FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN, DELAWARE, 2015**

Education	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
<b>Total</b>	68	30	32	6	6
<9	2	1	0	1	1
9 to 11	6	2	4	0	1
H.S. Grad	22	12	9	1	3
1 to 3 College	22	8	13	1	1
4+ College	12	6	3	3	0
Unknown	4	1	3	0	0

PEDURACE

**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 Health Statistics Center

**TABLE D-13. NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, MARITAL STATUS OF WOMAN, AND COUNTY, DELAWARE, 2015**

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
<b>Delaware</b>	68	30	32	6	6
Married	29	14	9	6	0
Single	39	16	23	0	6
<b>Kent</b>	13	5	8	0	2
Married	4	2	2	0	0
Single	9	3	6	0	2
<b>New Castle</b>	43	18	20	5	3
Married	18	9	4	5	0
Single	25	9	16	0	3
<b>Sussex</b>	12	7	4	1	1
Married	7	3	3	1	0
Single	5	4	1	0	1

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

\*People of Hispanic origin may be of any race.

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

**TABLE D-14. NUMBER OF FETAL DEATHS BY WEIGHT OF FETUS IN GRAMS, RACE OF WOMAN, AND COUNTY, DELAWARE 2015**

Area/ Weight	Race			
	All Races	White	Black	Other
<b>Delaware</b>	68	30	32	6
<500	22	9	11	2
500-749	10	3	5	2
750-999	1	1	0	0
1000-1499	9	2	7	0
1500-1999	3	1	2	0
2000-2499	6	5	1	0
2500+	15	8	5	2
Unknown	2	1	1	0
<b>Kent</b>	13	5	8	0
<500	2	1	1	0
500-749	3	1	2	0
750-999	0	0	0	0
1000-1499	2	0	2	0
1500-1999	0	0	0	0
2000-2499	0	0	0	0
2500+	5	2	3	0
Unknown	1	1	0	0
<b>New Castle</b>	43	18	20	5
<500	16	6	9	1
500-749	4	0	2	2
750-999	0	0	0	0
1000-1499	6	2	4	0
1500-1999	3	1	2	0
2000-2499	5	4	1	0
2500+	9	5	2	2
Unknown	0	0	0	0
<b>Sussex</b>	12	7	4	1
<500	4	2	1	1
500-749	3	2	1	0
750-999	1	1	0	0
1000-1499	1	0	1	0
1500-1999	0	0	0	0
2000-2499	1	1	0	0
2500+	1	1	0	0
Unknown	1	0	1	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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE D-15. NUMBER OF FETAL DEATHS BY WEEKS OF GESTATION, RACE OF WOMAN, AND COUNTY, DELAWARE, 2015**

Area/ Age	Race			
	All Races	White	Black	Other
<b>Delaware</b>	68	30	32	6
<20 Weeks	2	1	1	0
20-24 Weeks	28	14	12	2
25-29 Weeks	5	1	2	2
30-34 Weeks	9	1	8	0
35-39 Weeks	23	12	9	2
40+ Weeks	1	1	0	0
Unknown	0	0	0	0
<b>Kent</b>	13	5	8	0
<20 Weeks	0	0	0	0
20-24 Weeks	5	3	2	0
25-29 Weeks	0	0	0	0
30-34 Weeks	3	0	3	0
35-39 Weeks	5	2	3	0
40+ Weeks	0	0	0	0
Unknown	0	0	0	0
<b>New Castle</b>	43	18	20	5
<20 Weeks	2	1	1	0
20-24 Weeks	15	6	8	1
25-29 Weeks	5	1	2	2
30-34 Weeks	5	1	4	0
35-39 Weeks	15	8	5	2
40+ Weeks	1	1	0	0
Unknown	0	0	0	0
<b>Sussex</b>	12	7	4	1
<20 Weeks	0	0	0	0
20-24 Weeks	8	5	2	1
25-29 Weeks	0	0	0	0
30-34 Weeks	1	0	1	0
35-39 Weeks	3	2	1	0
40+ Weeks	0	0	0	0
Unknown	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 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, 1997-2015**

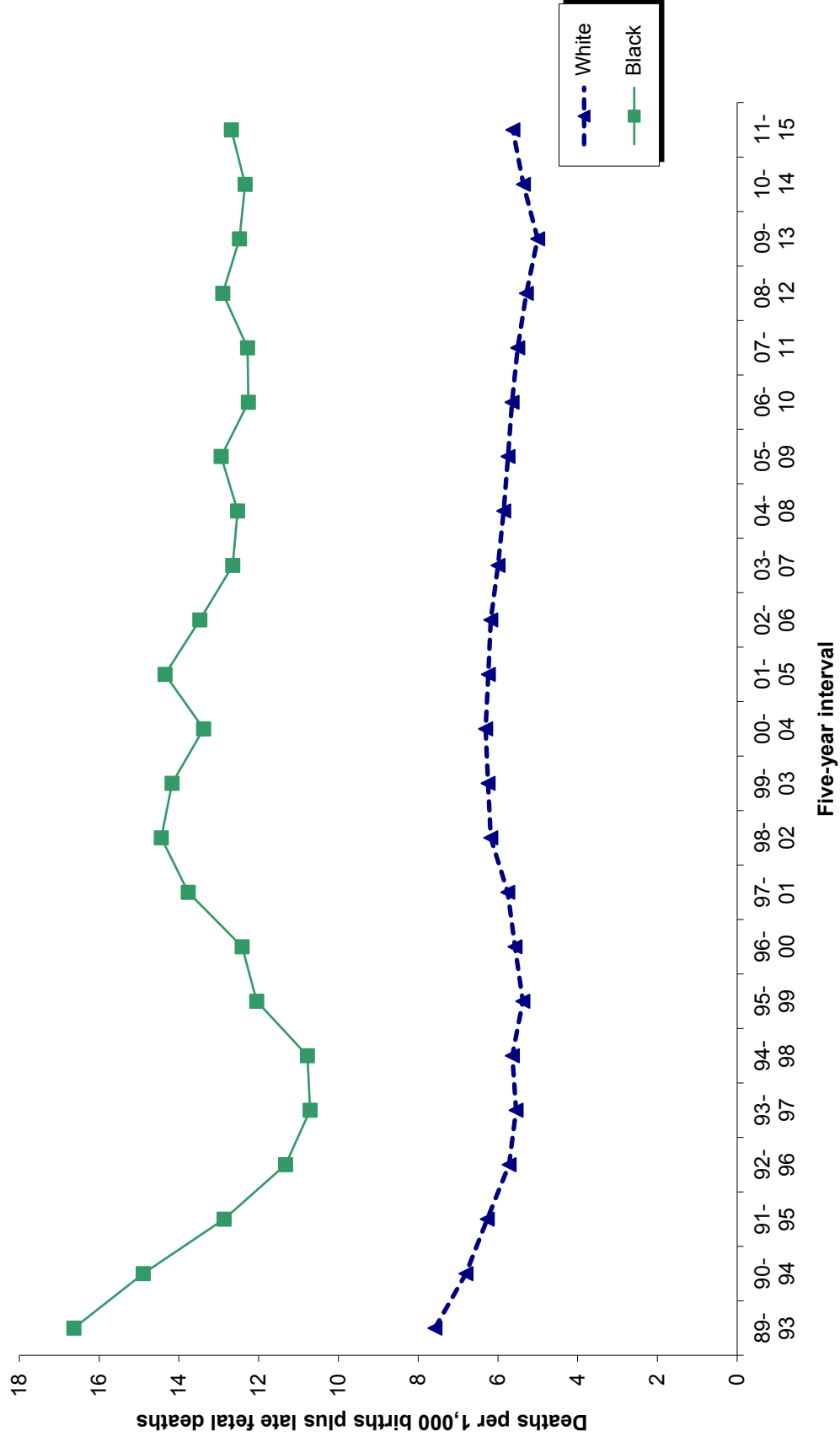
Area/ Race	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Delaware</b>															
All Races	7.6	8.1	8.1	7.9	8.2	8.0	7.5	7.5	7.6	7.4	7.4	7.6	7.3	7.5	7.8
White	5.8	6.2	6.3	6.3	6.2	6.2	6.0	5.9	5.7	5.6	5.5	5.3	5.0	5.4	5.6
Black	13.8	14.4	14.2	13.4	14.3	13.5	12.6	12.5	12.9	12.3	12.3	12.9	12.5	12.3	12.7
<b>Kent</b>															
All Races	7.3	8.9	8.7	8.2	8.7	8.0	5.8	6.0	6.3	5.9	6.2	7.1	6.3	6.1	6.7
White	6.2	8.1	7.8	7.3	6.9	5.9	3.6	3.8	3.7	4.4	4.8	5.1	4.5	4.9	4.6
Black	11.7	11.8	12.1	10.7	13.8	13.7	11.5	11.8	13.7	10.4	10.0	12.4	11.1	9.2	11.3
<b>New Castle</b>															
All Races	7.9	8.3	8.5	8.3	8.5	8.3	8.1	8.1	8.2	8.0	8.3	8.4	8.1	8.3	8.8
White	5.6	5.8	6.2	6.3	6.4	6.3	6.4	6.3	6.4	5.7	5.8	5.7	5.3	5.4	6.3
Black	15.3	16.3	15.9	14.9	15.0	14.1	13.4	13.2	12.7	13.1	13.7	13.6	13.4	14.2	14.0
<b>Sussex</b>															
All Races	6.6	6.4	5.9	6.2	6.6	6.9	7.3	7.0	7.0	7.3	6.1	5.9	6.1	6.3	5.9
White	5.7	5.5	5.1	5.3	5.2	6.1	6.9	6.4	5.7	6.5	5.4	4.5	4.7	5.6	5.1
Black	9.7	9.6	9.1	9.8	12.0	10.3	10.7	10.6	12.9	10.8	8.9	10.6	10.2	8.5	8.6

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



**Figure D-4. Five-year Average Perinatal Mortality Rates by Race, Delaware, 1989- 2015**



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

**TABLE D-17. NUMBER AND PERCENT OF INDUCED TERMINATIONS OF PREGNANCY BY SELECTED CHARACTERISTICS, DELAWARE, 2015**

Characteristic	Number	Percent	Characteristic	Number	Percent
<b>Total</b>	2785	100.0%	<b>Marital Status</b>		
<b>Place of Residence</b>			Married	332	11.9%
Delaware	2364	84.9%	Single	2453	88.1%
Kent	410	14.7%	Unknown	0	0.0%
New Castle	1609	57.8%	<b>Weeks of Gestation</b>		
Sussex	345	12.4%	<7 Weeks	668	24.0%
Maryland	198	7.1%	7 Weeks	518	18.6%
New Jersey	48	1.7%	8 Weeks	442	15.9%
Pennsylvania	156	5.6%	9-10 Weeks	603	21.7%
Other State	19	0.7%	11-12 Weeks	286	10.3%
<b>Age</b>			13-15 Weeks	224	8.0%
<15	5	0.2%	16-20 Weeks	35	1.3%
15-17	116	4.2%	21+ Weeks	7	0.3%
18-19	212	7.6%	Unknown	2	0.1%
20-24	892	32.0%	<b>Type of Procedure</b>		
25-29	747	26.8%	Suction Curettage	1577	56.6%
30-34	466	16.7%	Medical (Nonsurgical)	1194	42.9%
35-39	264	9.5%	Intrauterine Installation	2	0.1%
40+	83	3.0%	Other	4	0.1%
Unknown	0	0.0%	Unknown	8	0.3%
<b>Race</b>			<b>Previous Pregnancies</b>		
White	1411	50.7%	None	755	27.1%
Black	1200	43.1%	1	560	20.1%
American Indian	7	0.3%	2	486	17.5%
Asian and Pacific Islander	95	3.4%	3+	984	35.3%
Other Races	72	2.6%	Unknown	0	0.0%
Unknown	0		<b>Previous Live Births</b>		
<b>Hispanic Origin</b>			None	1098	39.4%
Yes	282	10.1%	1	752	27.0%
No	2498	89.7%	2	548	19.7%
Unknown	5	0.2%	3+	387	13.9%
<b>Level of Education</b>			Unknown	0	0.0%
<9	74	2.7%	<b>Previous Induced Abortions</b>		
9-11	296	10.6%	None	1633	58.6%
H.S. Graduate	1408	50.6%	1	668	24.0%
1 to 3 College	597	21.4%	2	290	10.4%
4+ College	272	9.8%	3+	194	7.0%
Unknown	138	5.0%	Unknown	0	0.0%

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

**TABLE D-18. NUMBER AND PERCENT OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, RACE, AND AGE OF WOMAN, DELAWARE, 2015**

Place of Residence/ Race	Total		Age						35+		Unknown			
	Number	Percent	18-19		20-24		25-29		30-34		Number	Percent	Unknown	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent			Number	Percent
<b>All Terminations</b>	2785	100.0	121	4.3	892	32.0	747	26.8	466	16.7	347	12.5	0	0.0
White	1411	100.0	58	4.1	455	32.2	366	25.9	246	17.4	187	13.3	0	0.0
Black	1200	100.0	51	4.3	399	33.3	338	28.2	184	15.3	129	10.8	0	0.0
Other	174	100.0	12	6.9	38	21.8	43	24.7	36	20.7	31	17.8	0	0.0
<b>Delaware</b>	2364	100.0	103	4.4	765	32.4	631	26.7	405	17.1	280	11.8	0	0.0
White	1146	100.0	48	4.2	375	32.7	296	25.8	205	17.9	141	12.3	0	0.0
Black	1070	100.0	45	4.2	356	33.3	303	28.3	168	15.7	112	10.5	0	0.0
Other	148	100.0	10	6.8	34	23.0	32	21.6	32	21.6	27	18.2	0	0.0
<b>Kent</b>	410	100.0	17	4.1	152	37.1	107	26.1	68	16.6	31	7.6	0	0.0
White	185	100.0	10	5.4	67	36.2	49	26.5	33	17.8	14	7.6	0	0.0
Black	201	100.0	5	2.5	76	37.8	54	26.9	31	15.4	15	7.5	0	0.0
Other	24	100.0	2	8.3	9	37.5	4	16.7	4	16.7	2	8.3	0	0.0
<b>New Castle</b>	1609	100.0	65	4.0	501	31.1	439	27.3	273	17.0	211	13.1	0	0.0
White	723	100.0	23	3.2	230	31.8	192	26.6	120	16.6	101	14.0	0	0.0
Black	778	100.0	36	4.6	250	32.1	223	28.7	127	16.3	86	11.1	0	0.0
Other	108	100.0	6	5.6	21	19.4	24	22.2	26	24.1	24	22.2	0	0.0
<b>Sussex</b>	345	100.0	21	6.1	112	32.5	85	24.6	64	18.6	38	11.0	0	0.0
White	238	100.0	15	6.3	78	32.8	55	23.1	52	21.8	26	10.9	0	0.0
Black	91	100.0	4	4.4	30	33.0	26	28.6	10	11.0	11	12.1	0	0.0
Other	16	100.0	2	12.5	4	25.0	4	25.0	2	12.5	1	6.3	0	0.0
<b>Other State</b>	421	100.0	18	4.3	127	30.2	116	27.6	61	14.5	67	15.9	0	0.0
White	265	100.0	10	3.8	80	30.2	70	26.4	41	15.5	46	17.4	0	0.0
Black	130	100.0	6	4.6	43	33.1	35	26.9	16	12.3	17	13.1	0	0.0
Other	26	100.0	2	7.7	4	15.4	11	42.3	4	15.4	4	15.4	0	0.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of 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 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, 2015**

Place of Residence/ Weeks	AGE						
	Total	<20	20-24	25-29	30-34	35-39	40+
<b>All Terminations</b>	2785	333	892	747	466	264	83
<7 Weeks	668	75	191	171	113	93	25
7 Weeks	518	57	164	141	102	42	12
8 Weeks	442	52	148	112	71	44	15
9-10 Weeks	603	78	195	177	90	46	17
11-12 Weeks	286	35	101	72	49	19	10
13-15 Weeks	224	28	77	62	37	16	4
16-20 Weeks	35	8	10	10	3	4	0
21+ Weeks	7	0	5	1	1	0	0
Unknown	2	0	1	1	0	0	0
<b>Delaware</b>	2364	283	765	631	405	217	63
<7 Weeks	546	59	155	145	96	73	18
7 Weeks	439	49	141	116	87	35	11
8 Weeks	393	50	132	101	64	37	9
9-10 Weeks	524	68	172	150	79	42	13
11-12 Weeks	242	29	85	63	42	15	8
13-15 Weeks	184	22	67	47	33	11	4
16-20 Weeks	29	6	8	8	3	4	0
21+ Weeks	6	0	4	1	1	0	0
Unknown	1	0	1	0	0	0	0
<b>Kent</b>	410	52	152	107	68	23	8
<7 Weeks	83	8	28	26	14	4	3
7 Weeks	79	10	26	20	17	4	2
8 Weeks	78	11	34	17	13	2	1
9-10 Weeks	96	13	33	28	14	7	1
11-12 Weeks	45	5	21	9	5	4	1
13-15 Weeks	26	4	8	7	5	2	0
16-20 Weeks	2	1	1	0	0	0	0
21+ Weeks	1	0	1	0	0	0	0
Unknown	0	0	0	0	0	0	0
<b>New Castle</b>	1609	185	501	439	273	161	50
<7 Weeks	386	44	102	100	70	56	14
7 Weeks	288	30	94	77	57	22	8
8 Weeks	269	32	77	77	43	32	8
9-10 Weeks	345	39	117	100	49	29	11
11-12 Weeks	164	21	54	45	28	9	7
13-15 Weeks	131	15	50	32	23	9	2
16-20 Weeks	22	4	4	7	3	4	0
21+ Weeks	3	0	2	1	0	0	0
Unknown	1	0	1	0	0	0	0
<b>Sussex</b>	345	46	112	85	64	33	5
<7 Weeks	77	7	25	19	12	13	1
7 Weeks	72	9	21	19	13	9	1
8 Weeks	46	7	21	7	8	3	0
9-10 Weeks	83	16	22	22	16	6	1
11-12 Weeks	33	3	10	9	9	2	0
13-15 Weeks	27	3	9	8	5	0	2
16-20 Weeks	5	1	3	1	0	0	0
21+ Weeks	2	0	1	0	1	0	0
Unknown	0	0	0	0	0	0	0
<b>Other State</b>	421	50	127	116	61	47	20
<7 Weeks	122	16	36	26	17	20	7
7 Weeks	79	8	23	25	15	7	1
8 Weeks	49	2	16	11	7	7	6
9-10 Weeks	79	10	23	27	11	4	4
11-12 Weeks	44	6	16	9	7	4	2
13-15 Weeks	40	6	10	15	4	5	0
16-20 Weeks	6	2	2	2	0	0	0
21+ Weeks	1	0	1	0	0	0	0
Unknown	1	0	0	1	0	0	0

Note:Weeks of gestation are based on clinical estimate.

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

**TABLE D-20. NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, AGE OF WOMAN, AND NUMBER OF PREVIOUS PREGNANCIES, DELAWARE, 2015**

Place of Residence/Age	Number of Previous Pregnancies					Not Stated
	Total	None	1	2	3+	
<b>All Terminations</b>	2785	755	560	486	984	0
<20	333	245	67	11	10	0
20-24	892	331	242	153	166	0
25-29	747	115	148	153	331	0
30-34	466	37	73	101	255	0
35-39	264	24	23	49	168	0
40+	83	3	7	19	54	0
Unknown	0	0	0	0	0	0
<b>Delaware</b>	2364	616	478	413	857	0
<20	283	208	58	8	9	0
20-24	765	263	209	140	153	0
25-29	631	90	130	125	286	0
30-34	405	34	58	85	228	0
35-39	217	19	17	39	142	0
40+	63	2	6	16	39	0
Unknown	0	0	0	0	0	0
<b>Kent</b>	410	122	74	71	143	0
<20	52	42	9	1	0	0
20-24	152	57	37	28	30	0
25-29	107	18	21	22	46	0
30-34	68	5	5	15	43	0
35-39	23	0	2	2	19	0
40+	8	0	0	3	5	0
Unknown	0	0	0	0	0	0
<b>New Castle</b>	1609	401	335	279	594	0
<20	185	130	42	5	8	0
20-24	501	171	140	85	105	0
25-29	439	64	94	92	189	0
30-34	273	17	41	59	156	0
35-39	161	17	13	27	104	0
40+	50	2	5	11	32	0
Unknown	0	0	0	0	0	0
<b>Sussex</b>	345	93	69	63	120	0
<20	46	36	7	2	1	0
20-24	112	35	32	27	18	0
25-29	85	8	15	11	51	0
30-34	64	12	12	11	29	0
35-39	33	2	2	10	19	0
40+	5	0	1	2	2	0
Unknown	0	0	0	0	0	0
<b>Other State</b>	421	139	82	73	127	0
<20	50	37	9	3	1	0
20-24	127	68	33	13	13	0
25-29	116	25	18	28	45	0
30-34	61	3	15	16	27	0
35-39	47	5	6	10	26	0
40+	20	1	1	3	15	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, 2015**

Place of Residence/ Age	Number of Previous Live Births					
	Total	None	1	2	3+	Not Stated
<b>All Terminations</b>	2785	1098	752	548	387	0
<20	333	288	38	6	1	0
20-24	892	475	273	114	30	0
25-29	747	221	232	171	123	0
30-34	466	72	142	141	111	0
35-39	264	37	52	82	93	0
40+	83	5	15	34	29	0
Unknown	0	0	0	0	0	0
<b>Delaware</b>	2364	901	652	465	346	0
<20	283	245	34	3	1	0
20-24	765	385	249	103	28	0
25-29	631	177	196	146	112	0
30-34	405	62	122	119	102	0
35-39	217	29	39	70	79	0
40+	63	3	12	24	24	0
Unknown	0	0	0	0	0	0
<b>Kent</b>	410	164	109	79	58	0
<20	52	49	3	0	0	0
20-24	152	75	48	21	8	0
25-29	107	31	36	26	14	0
30-34	68	8	16	22	22	0
35-39	23	1	5	7	10	0
40+	8	0	1	3	4	0
Unknown	0	0	0	0	0	0
<b>New Castle</b>	1609	613	452	321	223	0
<20	185	159	23	2	1	0
20-24	501	261	160	67	13	0
25-29	439	128	144	96	71	0
30-34	273	37	91	83	62	0
35-39	161	25	24	55	57	0
40+	50	3	10	18	19	0
Unknown	0	0	0	0	0	0
<b>Sussex</b>	345	124	91	65	65	0
<20	46	37	8	1	0	0
20-24	112	49	41	15	7	0
25-29	85	18	16	24	27	0
30-34	64	17	15	14	18	0
35-39	33	3	10	8	12	0
40+	5	0	1	3	1	0
Unknown	0	0	0	0	0	0
<b>Other State</b>	421	197	100	83	41	0
<20	50	43	4	3	0	0
20-24	127	90	24	11	2	0
25-29	116	44	36	25	11	0
30-34	61	10	20	22	9	0
35-39	47	8	13	12	14	0
40+	20	2	3	10	5	0
Unknown	0	0	0	0	0	0

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

**TABLE D-22. NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, AGE OF WOMAN, AND NUMBER OF PREVIOUS INDUCED TERMINATIONS, DELAWARE, 2015**

Place of Residence/ Age	Number of Previous Induced Terminations					
	Total	None	1	2	3+	Not Stated
<b>All Terminations</b>	2785	1633	668	290	194	0
<20	333	287	40	3	3	0
20-24	892	592	207	66	27	0
25-29	747	360	214	104	69	0
30-34	466	219	118	68	61	0
35-39	264	127	68	40	29	0
40+	83	48	21	9	5	0
Unknown		0	0	0	0	0
<b>Delaware</b>	2364	1371	579	243	171	0
<20	283	243	34	3	3	0
20-24	765	497	184	57	27	0
25-29	631	299	187	86	59	0
30-34	405	186	103	61	55	0
35-39	217	107	55	30	25	0
40+	63	39	16	6	2	0
Unknown	0	0	0	0	0	0
<b>Kent</b>	410	251	93	45	21	0
<20	52	45	7	0	0	0
20-24	152	104	34	11	3	0
25-29	107	58	25	16	8	0
30-34	68	28	19	15	6	0
35-39	23	10	8	2	3	0
40+	8	6	0	1	1	0
Unknown	0	0	0	0	0	0
<b>New Castle</b>	1609	887	414	170	138	0
<20	185	154	25	3	3	0
20-24	501	317	121	41	22	0
25-29	439	193	141	58	47	0
30-34	273	119	71	37	46	0
35-39	161	76	40	26	19	0
40+	50	28	16	5	1	0
Unknown	0	0	0	0	0	0
<b>Sussex</b>	345	233	72	28	12	0
<20	46	44	2	0	0	0
20-24	112	76	29	5	2	0
25-29	85	48	21	12	4	0
30-34	64	39	13	9	3	0
35-39	33	21	7	2	3	0
40+	5	5	0	0	0	0
Unknown	0	0	0	0	0	0
<b>Other State</b>	421	262	89	47	23	0
<20	50	44	6	0	0	0
20-24	127	95	23	9	0	0
25-29	116	61	27	18	10	0
30-34	61	33	15	7	6	0
35-39	47	20	13	10	4	0
40+	20	9	5	3	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

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

# Infant Mortality

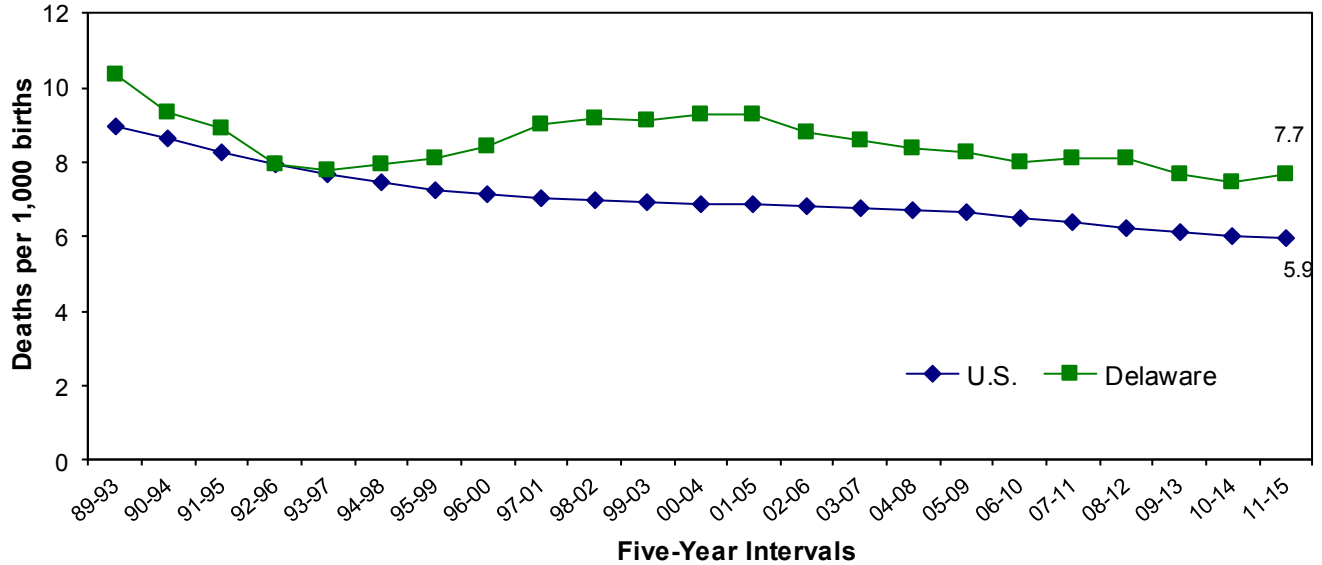


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## INFANT MORTALITY

In 2011-2015, Delaware's infant mortality rate (IMR) was 7.7 infant deaths per 1,000 live births, resulting in a total decline of 17.2 percent from the 2000-2004 rate of 9.3 infant deaths per 1,000 live births. At 5.9 infant deaths per 1,000 live births, the U.S. rate remained lower than the Delaware rate.

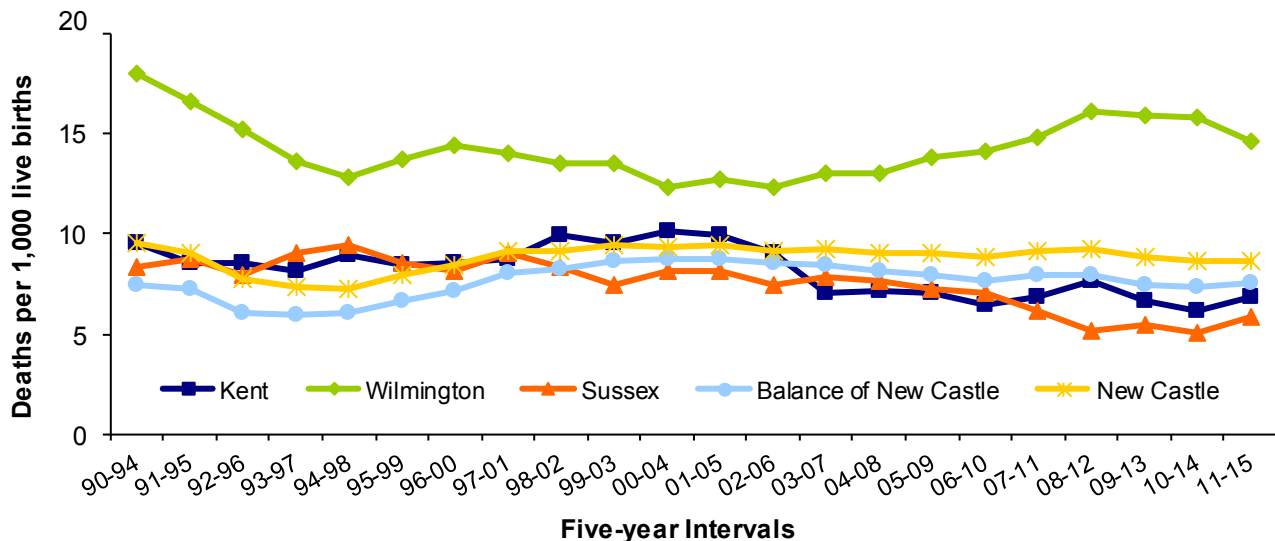
**Figure 27. Five-year Average Infant Mortality Rates, Delaware and U.S., 1989-2015**



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

Wilmington's IMR continued to be the highest in Delaware. The combination of Wilmington's high IMR and a higher IMR in the balance of New Castle County resulted in New Castle County's IMR being higher than the IMRs of both Kent and Sussex counties. Sussex County's IMR remained the lowest at 5.8 infant deaths per 1,000 live births. In 2011-2015, the balance of New Castle County's IMR was 7.5 infant deaths per 1,000 live births, Wilmington's IMR was 14.6 infant deaths per 1,000 live births, and Kent County's IMR was 6.9 infant deaths per 1,000 live births.

**Figure 28. Five-year Average Infant Mortality Rates, Delaware Counties and City of Wilmington, Delaware, 1990-2015**

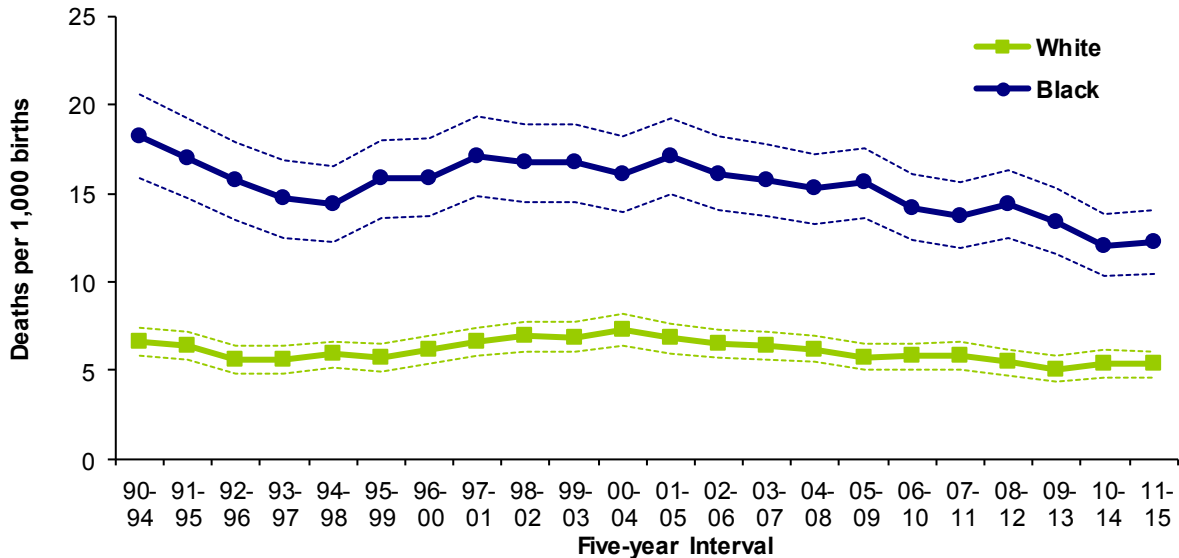


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## INFANT MORTALITY

Black infants experienced significantly higher mortality rates than white infants, but the gap is decreasing. In 2011-2015 the black IMR of 12.3 infant deaths per 1,000 live births was more than two times higher than the white IMR of 5.3 infant deaths per 1,000 live births, whereas in 1990-1994 the black IMR was three times higher than the white IMR.

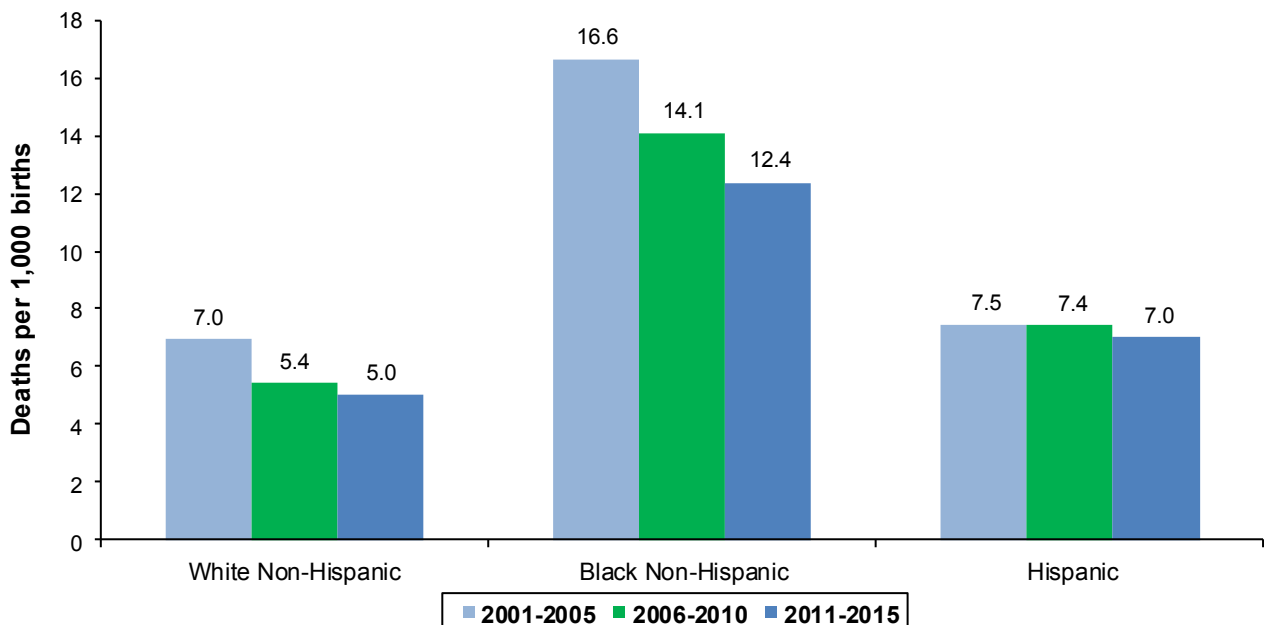
**Figure 29. Five-year Average Black and White Infant Mortality Rates with Confidence Intervals, Delaware, 1990-2015**



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

Significant disparities existed between black non-Hispanics and each of the two other groups: white non-Hispanics and Hispanics. Black non-Hispanics had the highest IMRs in all three time periods, and their rate of 12.4 infant deaths per 1,000 live births in 2011-2015 was more than double the white non-Hispanic rate of 5.0 and 1.8 times the Hispanic rate of 7.0 infant deaths per 1,000 live births. Although the rates for each of the race groupings decreased from 2001-2005 to 2011-2015, white non-Hispanics had the largest percentage decrease at 28.5 percent.

**Figure 30. Five-year Average Infant Mortality Rates by Race and Hispanic Origin, Delaware, 2001-2015**



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

## INFANT MORTALITY

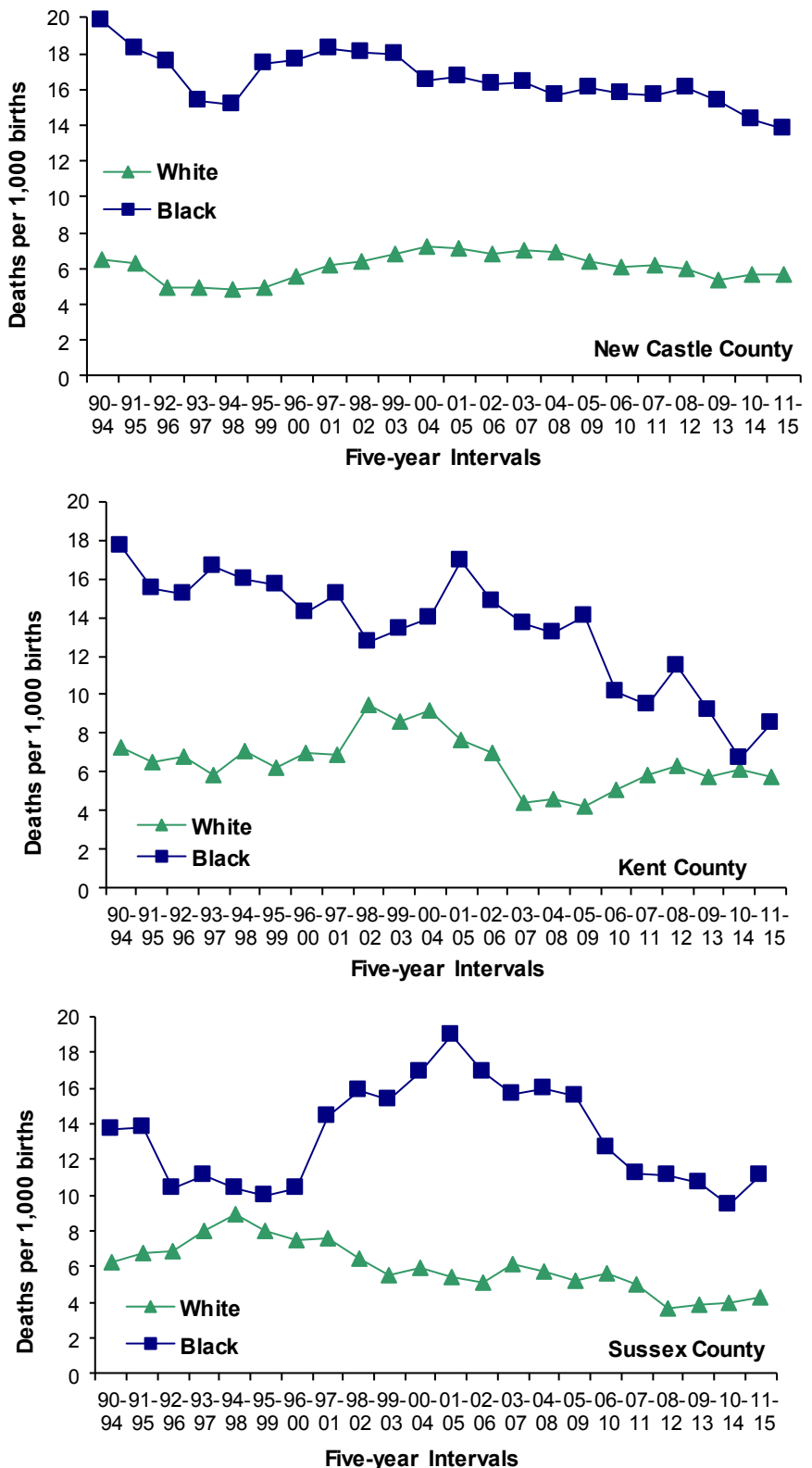
In 2011-2015, New Castle County had the highest IMRs and Sussex County had the lowest.

Black IMRs in New Castle County have hovered around 16 infant deaths per 1,000 live births since 2000-2004, and decreased the last three time periods to 13.7 infant deaths per 1,000 live births.

Black IMRs in Kent County peaked at 17 infant deaths per 1,000 live births in 2001-2005. The IMR dropped to 8.5 in 2011-2015, a 50 percent decrease in black IMRs from 2001-2005. The white IMR had a 31.8 percent increase from 2003-2007 to 2011-2015 (4.4 to 5.8 infant deaths per 1,000 live births) which resulted in some narrowing of the disparity between the white and black IMR.

Sussex County's black IMR rose to 11.1 infant deaths per 1,000 live births in 2011-2015, a 6 percent increase since 1996-2000; and a 42 percent reduction from the 2001-2005 peak of 19. Sussex County's white IMR fluctuated between five and six from 1999-2003 to 2007-2011, and in 2011-2015 the rate dropped to 4.3 infant deaths per 1,000 live births.

**Figure 31. Five-year Average Infant Mortality Rates by Race and County, Delaware, 1990-2015**



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

## INFANT MORTALITY- Leading Causes of Death

In 2011-2015 the five leading causes of infant death in Delaware were:

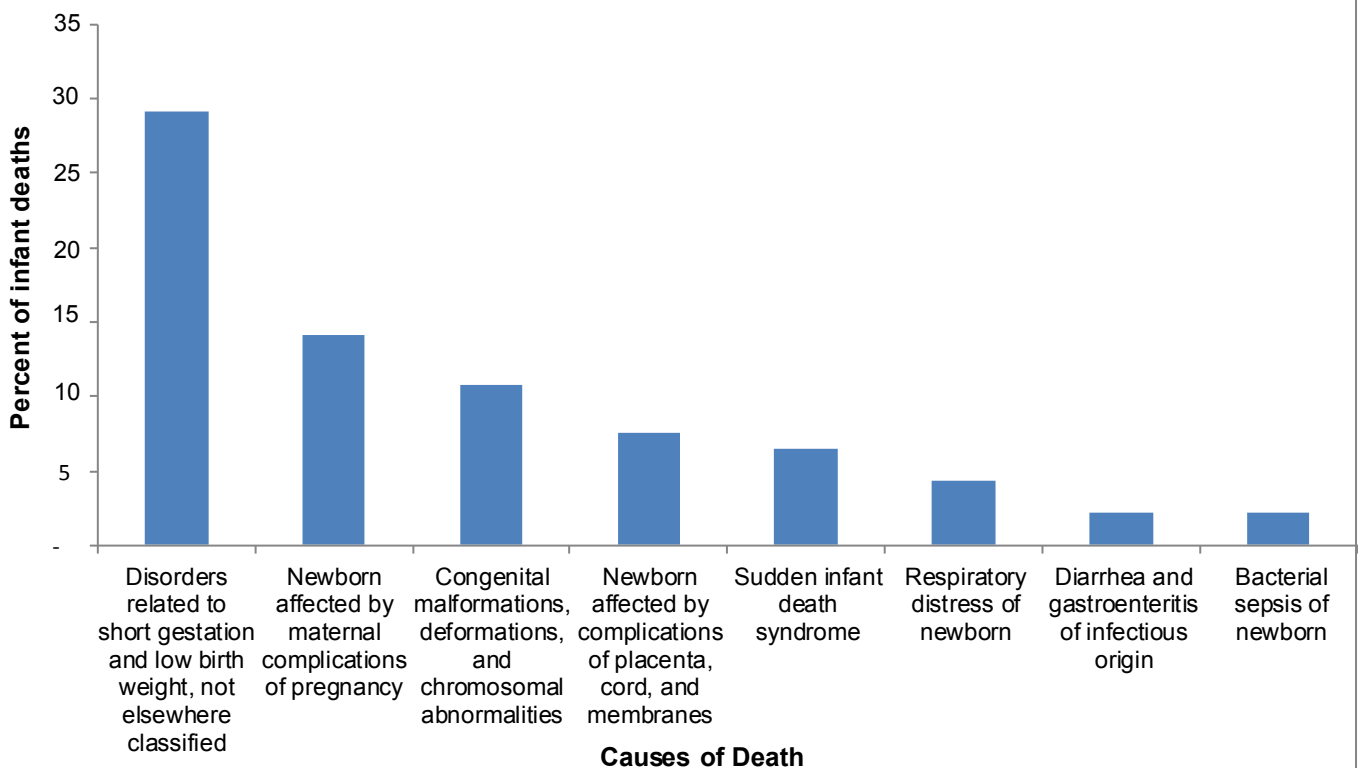
- Disorders related to short gestation and fetal malnutrition (prematurity and low birthweight), which accounted for 22.2 percent of infant deaths.
- Newborns affected by maternal complications of pregnancy, which accounted for 13.9 percent of infant deaths. Of the 59 deaths attributed to this cause, 50 were due to the newborn being affected by incompetent cervix and premature rupture of membranes.
- Congenital anomalies (birth defects), which accounted for 13.7 percent of infant deaths.
- Sudden infant death syndrome (SIDS), which accounted for 7 percent of all infant deaths.
- Newborns affected by complications of placenta, cord, and membranes: 5.9 percent of infant deaths.

In sum, the five most common causes of infant death accounted for 62.5 percent, or 265 of the 424 total infant deaths.

The most frequent causes of death by race are shown in Figures 32-34. Birth defects and disorders related to short gestation and low birthweight are both listed in the top three most frequent causes of death for both black and white infants.

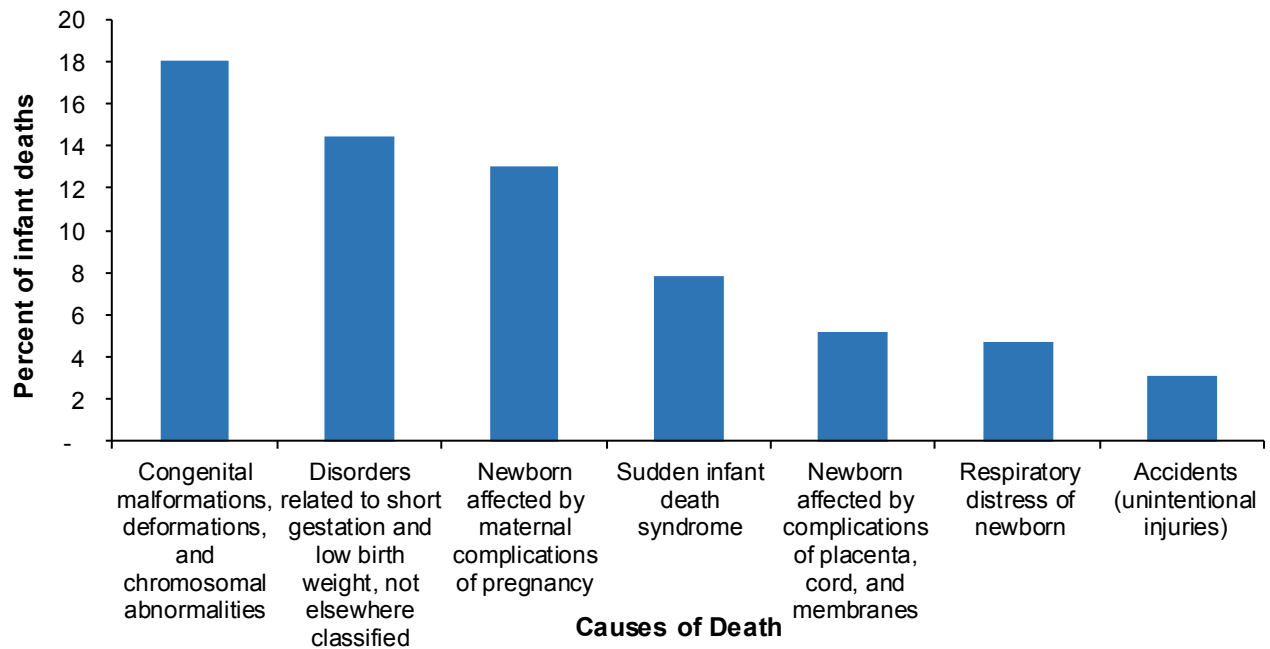
Though the proportions of deaths by race were similar for many of the causes of death, notable exceptions were birth defects and disorders due to prematurity and low birthweight. While birth defects were responsible for 18 percent of all white infant deaths, they accounted for only 11 percent of black infant deaths. Conversely, 2011-2015, infant deaths due to disorders related to prematurity and low birthweight accounted for larger percentages of black infant deaths than white infant deaths (29 versus 15 percent for prematurity and low birthweight).

**Figure 32. Most Frequent Causes of Black Infant Death, Delaware, 2011-2015**



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

**Figure 33. Most Frequent Causes of White Infant Death, Delaware, 2011-2015**

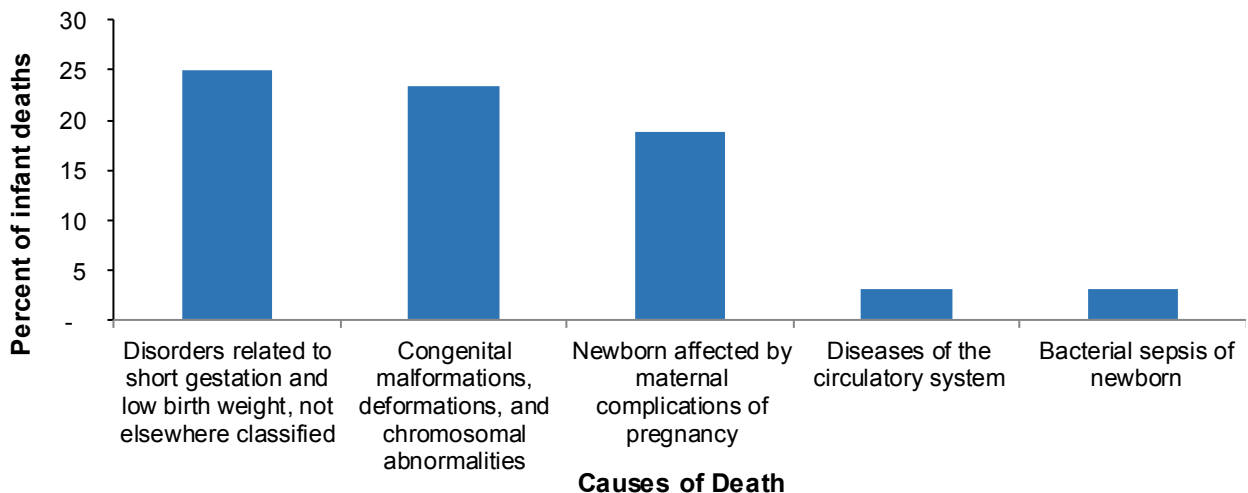


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 1989-1993, Hispanics accounted for 3.6 percent of all live births and 3.4 percent of infant deaths; since that time, the proportion of births to Hispanic mothers has nearly quadrupled. In the most recent five-year period, 2011-2015, 13.2 percent of all live births were to Hispanic mothers, and 12.1 percent of all infant deaths were of Hispanic origin.

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

**Figure 34. Most Frequent Causes of Hispanic Infant Death, Delaware, 2011-2015**



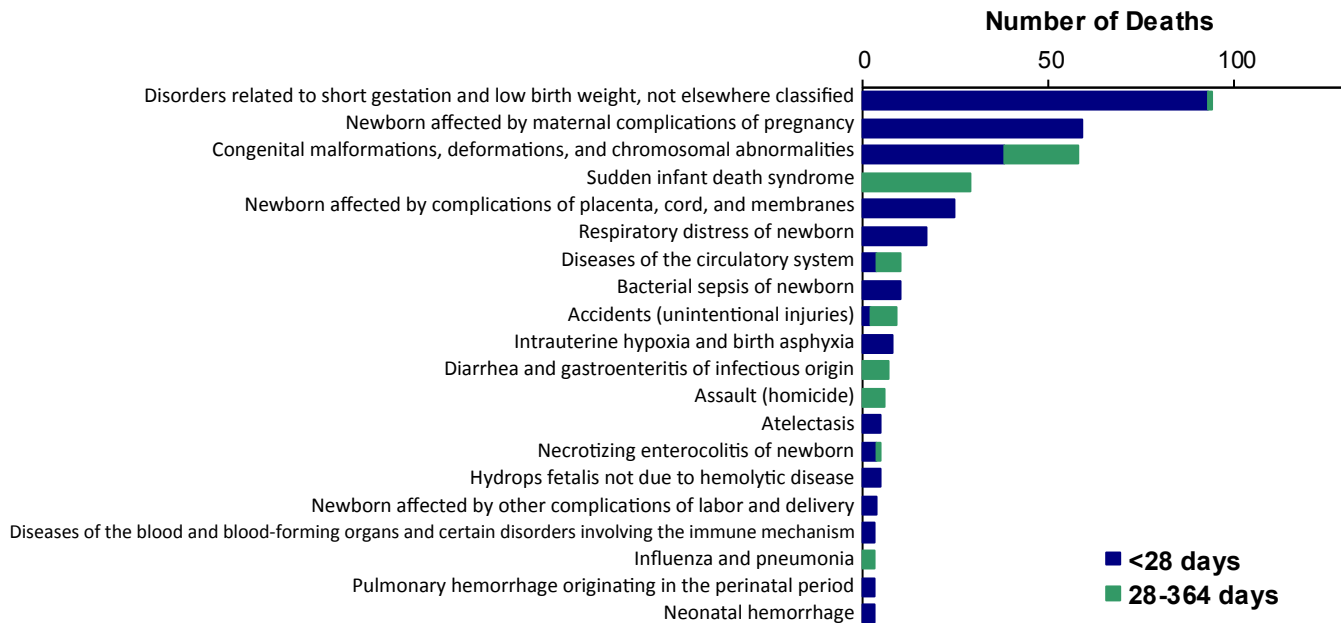
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## INFANT MORTALITY - Leading Causes of Death

In Delaware in 2011-2015, approximately 94 percent of all infant deaths occurred within the first six months of life, 76 percent occurred within the first 28 days of life, and 47 percent occurred within 24 hours of birth.

Figure 35 displays deaths by specific cause and the infant's age classification at death: neonatal (<28 days), or postneonatal (28-364 days).

**Figure 35. Most Frequent Causes of Infant Death, Delaware, 2011-2015**



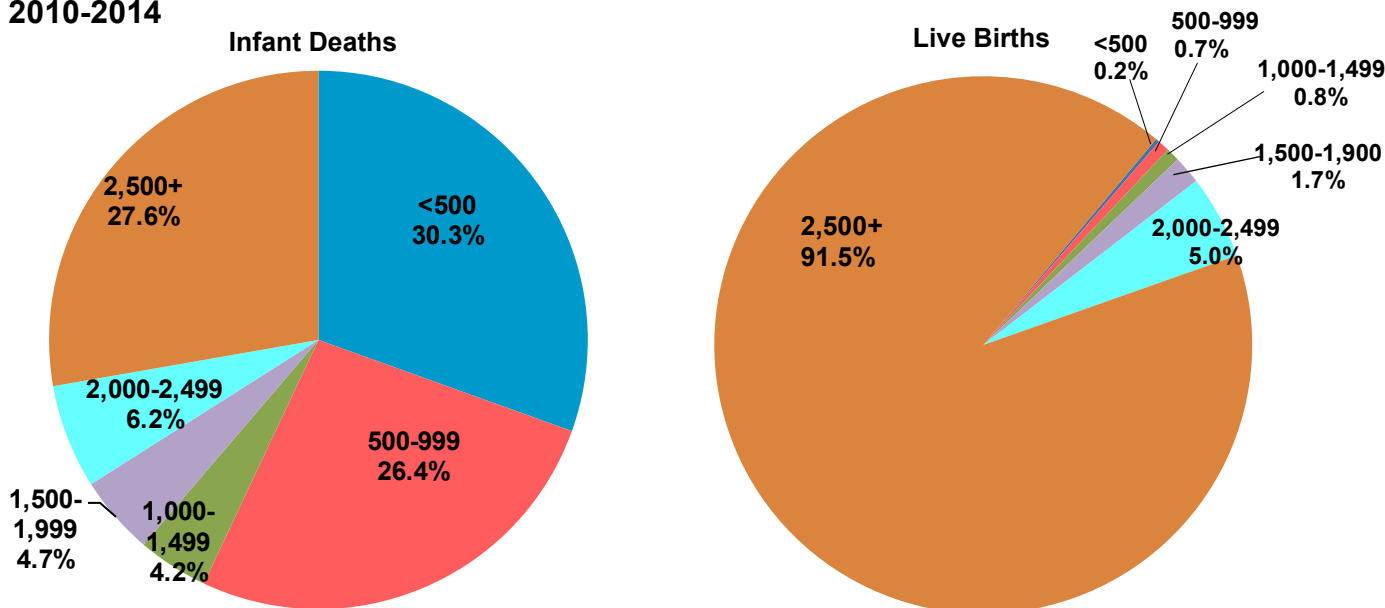
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

- Prematurity and low birthweight accounted for the greatest number of infant deaths in 2011-2015; all but one of these deaths occurred in the neonatal period.
- Sudden infant death syndrome (SIDS) was the only one of the top five causes of death that had the majority of deaths occurring in the postneonatal period, with a mean age at death of 110 days. Although more infants died in 2011-2015 compared to 2006-2010, and less infants died due to SIDS, it remained in the top five leading causes of infant death in 2011-2015.
  - ⇒ 45 percent (13 out of 29) of the SIDS deaths were associated with co-sleeping and/or sleeping on soft surfaces, such as couches and adult beds.
- In 2011-2015, there were 11 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, 10.4 percent of all infant deaths were associated with co-sleeping and/or unsafe sleep practices.

## INFANT MORTALITY - Live Birth Cohort

Though only about 1 percent of all live births in 2010-2014 were infants weighing less than 1000 grams, they accounted for over half (57 percent) of all infant deaths. In total, 8.4 percent of all live births in 2010-2014 were infants of low birthweight (under 2,500 grams) and 71.9 percent of infant deaths were low birthweight.

**Figure 36. Percent Distribution by Birthweight in Grams, Delaware, Live Birth Cohort, 2010-2014**

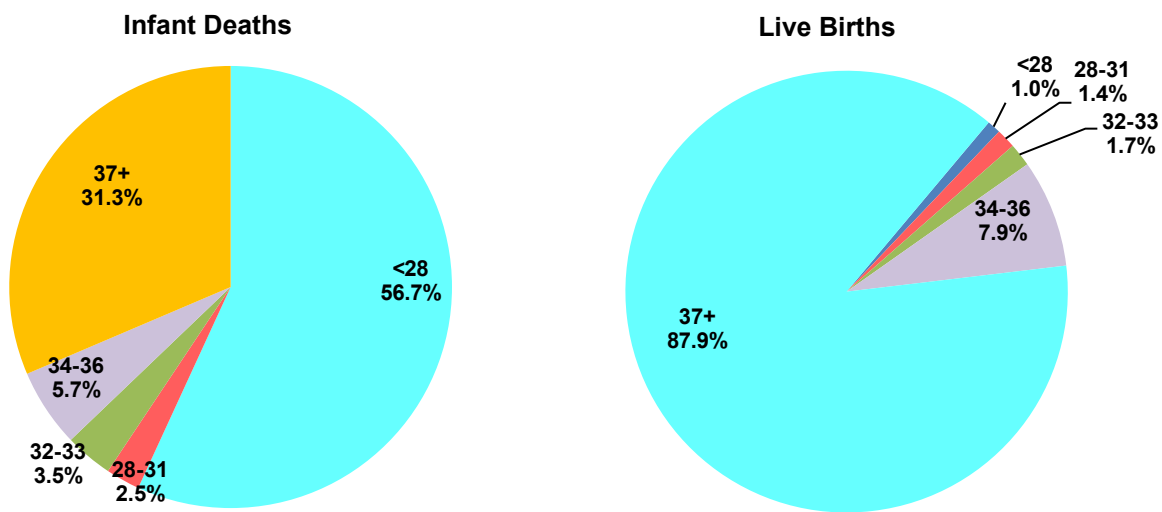


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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 2010-2014 were less than 28 weeks gestation at birth, but they accounted for 57 percent of all infant deaths. In total, 12 percent of all live births in 2010-2014 were born preterm (<37 weeks of gestation) and 68 percent of infant deaths were born preterm.

**Figure 37. Distribution by Gestation in Weeks, Delaware Live Birth Cohort, 2010-2014**



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



## INFANT MORTALITY - Live Birth Cohort

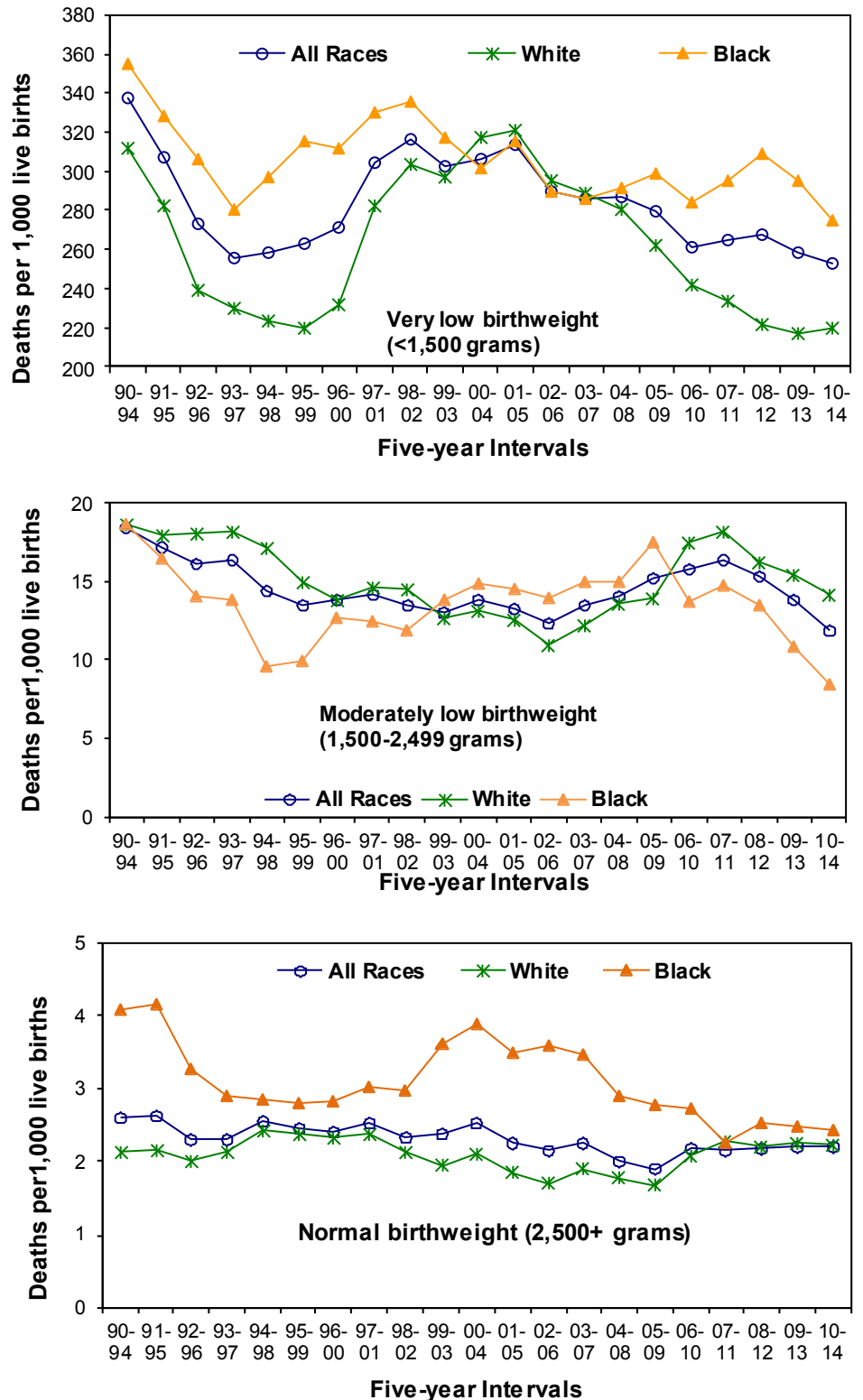
Birthweight and gestation are considered to be the most important predictors of infant health and mortality risk. Infants born too small or too early have a much greater risk of mortality than those who reach a normal birthweight (2,500+ grams) or full-term gestation (37+ weeks).

The IMR for very low birthweight (VLBW) (<1,500 grams) black infants continued to decrease in 2010-2014 while the IMR for VLBW white infants increased for the first time since 2001-2005. In 2010-2014, IMRs for VLBW infants were 220 white infant deaths and 275 black infant deaths per 1,000 live births.

IMRs for moderately low birthweight infants of all races declined 21.7 percent between 2005-2009 and 2010-2014. During that time, white IMRs (14.1) increased 1.4 percent while the black IMR (8.4) decreased by 52 percent, making the black rates lower than the white rates.

The IMR for all races and normal birthweight increased 16 percent from 2005-2009 to 2010-2014. IMRs for normal birthweight white infants increased 5 percent since 2000-2004, while the IMRs for black infants declined 38 percent between 2000-2004 and 2010-2014. The divergent movement in black and white rates in 2010-2014 narrowed the black/white disparity ratio; the black IMR for normal birthweight infants was 2.4, versus 2.2 for white infants of normal birthweight.

**Figure 38. Five-year Average Infant Mortality Rate by Birthweight and Race, Delaware, 1990-2014 Live Birth**

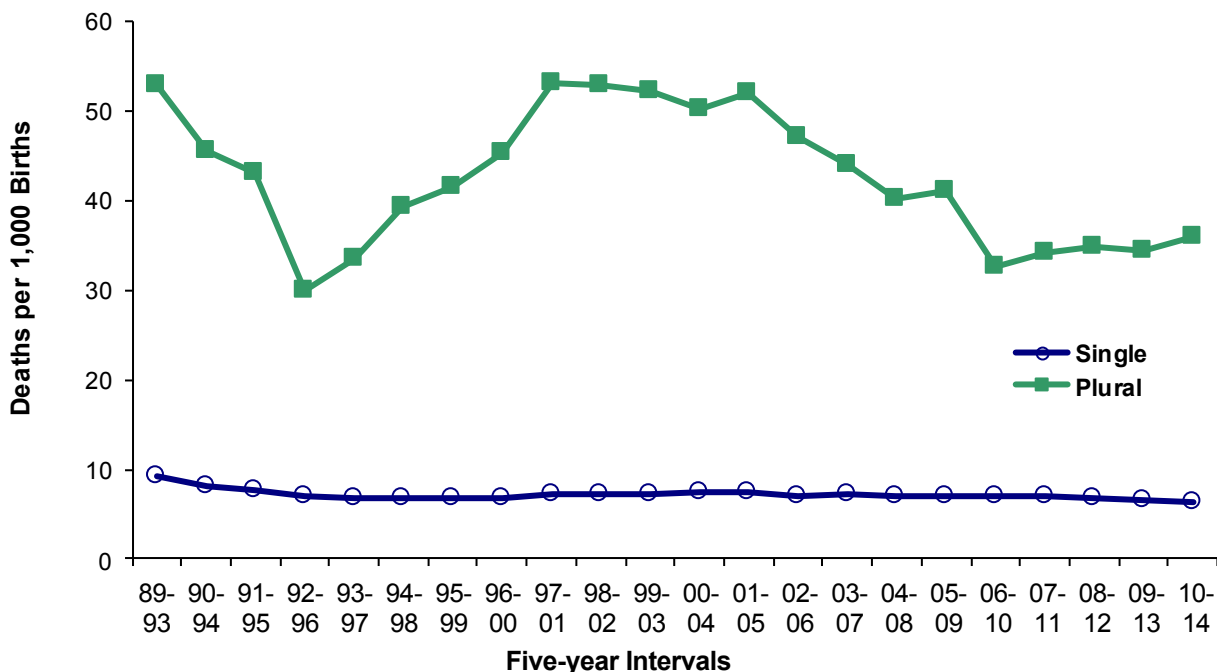


Source: Delaware Health and Social Services, Division of Public Health, Health Statistics Center

## INFANT MORTALITY - Live Birth Cohort

From 1992-1996 to 1997-2001, IMRs for plural births increased 77 percent, to 53.1 infant deaths per 1,000 live births. During the same time, IMRs for singleton births increased by 5 percent. Since then, plural IMRs have decreased 32 percent. IMRs for singleton births experienced a decrease of 13 percent. In 2010-2014, the infant mortality rate for plural births (36.1) was nearly six times that of singleton births (6.3 infant deaths per 1,000 live births).

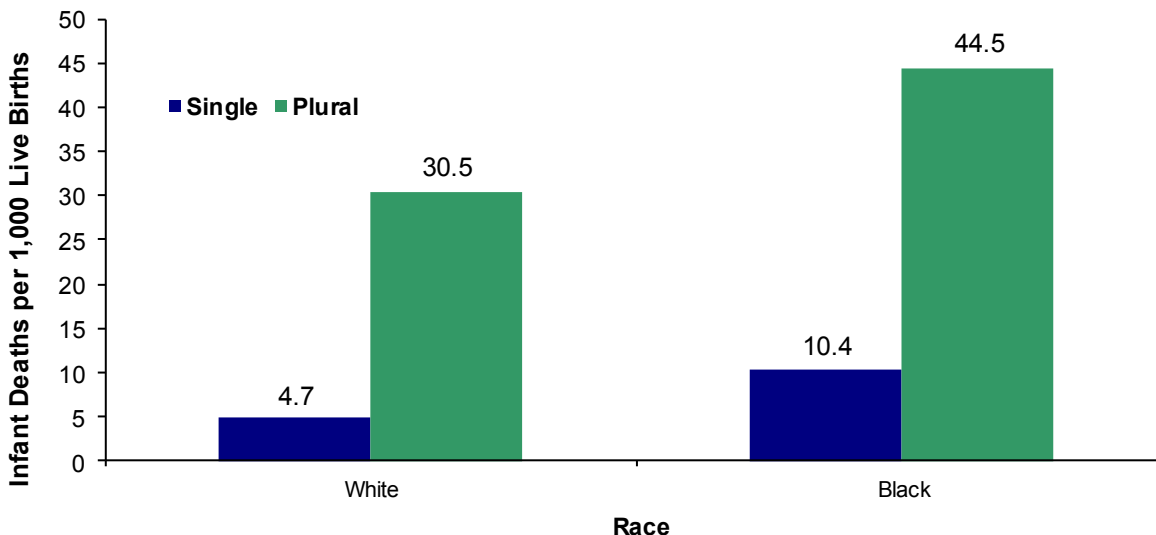
**Figure 36. Five-year Average Infant Mortality Rates by Plurality, Delaware Live Birth Cohort, 1989-2014**



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

The disparity between singleton and plural IMRs was evident regardless of race. The rates for black infants, both singleton and plural, were at least one and a half times those of white infants.

**Figure 37. Five-year Average Infant Mortality Rates by Plurality and Race, Delaware Live Birth Cohort, 2010-2014**



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

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**TABLE E-1. NUMBER OF INFANT DEATHS BY RACE, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1998-2015**

Area/ Race	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>																		
All Races	28371	27937	28035	27568	28034	28025	27936	28440	28527	29138	28059	26412	24586	23985	23629	23446	23215	23455
White	18561	18067	18144	17955	18369	18440	18231	18514	18403	18807	18164	16817	15954	15460	15258	15152	14883	14834
Black	8726	8822	8771	8498	8524	8402	8494	8695	8858	8944	8543	8312	7401	7284	7095	6862	7076	7289
Other	1084	1048	1120	1115	1141	1183	1211	1231	1266	1387	1352	1283	1231	1241	1276	1432	1256	1332
<b>Delaware</b>																		
All Races	103	81	102	114	96	107	97	106	99	91	101	91	88	98	84	68	74	100
White	54	31	65	57	51	53	51	48	50	52	49	30	47	48	34	30	38	44
Black	49	49	37	53	35	53	44	55	44	38	52	54	36	38	44	34	30	39
Other	0	1	0	1	4	1	2	3	5	1	0	7	5	12	6	4	6	17
<b>Kent</b>																		
All Races	18	10	21	19	27	16	17	21	13	9	18	18	15	17	17	6	13	23
White	13	4	16	10	22	8	8	6	7	4	10	6	12	13	7	5	9	9
Black	5	6	5	9	5	8	8	14	5	4	8	12	3	3	10	1	4	9
Other	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	5
<b>New Castle</b>																		
All Races	65	61	67	72	55	78	60	68	68	60	70	57	58	74	58	48	49	54
White	27	22	40	37	30	37	33	35	31	33	32	18	24	29	24	17	22	21
Black	38	38	27	35	22	40	27	31	35	27	38	34	30	34	28	28	21	24
Other	0	1	0	0	3	1	0	2	2	0	0	5	4	11	6	3	6	9
<b>Wilmington</b>																		
All Races	18	20	16	17	12	18	12	18	16	17	19	18	18	17	20	14	14	10
White	2	4	2	2	3	4	4	3	2	3	7	0	4	2	8	2	5	3
Black	16	16	12	15	10	14	8	15	14	14	12	16	13	15	11	11	8	4
Other	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	1	3
<b>Balance of NC County</b>																		
All Races	47	41	51	55	43	60	48	50	52	43	51	39	40	57	38	34	35	44
White	25	18	36	35	28	33	29	32	29	30	25	18	20	27	16	15	17	18
Black	22	22	15	20	12	26	19	16	21	13	26	18	17	19	17	17	13	20
Other	0	1	0	0	3	1	0	2	2	0	0	3	3	11	5	2	5	6
<b>Sussex</b>																		
All Races	20	10	14	23	14	13	20	17	18	22	13	16	15	7	9	14	12	23
White	14	5	9	13	5	8	10	7	12	15	7	6	11	6	3	8	7	14
Black	6	5	5	9	8	5	9	10	4	7	6	8	3	1	6	5	5	6
Other	0	0	0	1	1	0	1	0	2	0	0	2	1	0	0	1	0	3

Notes:  
 1. \*Based on NCHS estimate.  
 2. Infant deaths refer to deaths to children under one year of age.

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

**TABLE E-2. NUMBER OF NEONATAL DEATHS BY RACE, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1998-2015**

Areal/ Race	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>	18918	18728	18776	18265	18749	18893	18593	18770	18989	19058	18211	17255	16188	15954	15886	15893	15720	N/A
All Races	12406	12164	12201	12013	12354	12495	12238	12239	12302	12333	11843	11054	10612	10422	10267	10264	10170	N/A
White	5824	5920	5843	5585	5646	5640	5495	5740	5876	5842	5523	5374	4769	4719	4610	4647	4686	N/A
Black	688	644	732	667	749	758	860	791	811	883	845	827	807	813	1009	982	864	N/A
Other	74	58	71	82	79	75	63	79	72	65	68	66	58	73	66	47	55	79
<b>Delaware</b>	33	21	45	44	48	36	33	36	36	37	32	19	27	30	25	18	29	37
All Races	41	37	26	37	28	38	28	40	33	28	36	40	26	35	35	25	21	32
White	0	0	0	1	3	1	2	3	3	0	0	7	5	8	6	4	5	10
Black	9	8	15	15	22	8	11	14	7	6	12	14	11	13	12	3	10	17
Other	6	3	11	10	18	3	5	3	4	3	7	4	9	9	4	3	8	8
<b>Kent</b>	3	5	4	5	4	5	5	10	3	3	5	10	2	3	8	0	2	6
All Races	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	3
White	47	44	50	54	47	56	39	54	52	43	48	42	36	57	47	34	37	49
Black	15	14	29	27	26	27	21	28	22	23	20	13	9	18	20	9	15	19
Other	32	30	21	27	19	28	18	24	28	20	28	24	23	32	21	22	17	24
<b>New Castle</b>	0	0	0	0	2	1	0	2	2	0	0	5	4	7	6	3	5	6
All Races	12	14	13	14	9	10	9	15	12	10	10	14	10	14	18	11	12	10
White	1	2	4	1	1	1	3	3	1	1	3	0	0	1	8	2	5	3
Black	11	12	9	13	8	9	6	12	11	9	7	12	9	13	9	8	6	4
Other	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	1	3
<b>Balance of NC County</b>	35	30	37	40	38	46	30	39	40	33	38	28	26	43	29	23	25	39
All Races	14	12	25	26	25	26	18	25	21	22	17	13	9	17	12	7	10	16
White	21	18	12	14	11	19	12	12	17	11	21	12	14	19	12	14	11	20
Black	0	0	0	0	2	1	0	2	2	0	0	3	3	7	5	2	4	3
Other	18	6	6	13	10	11	13	11	13	16	8	10	11	3	7	10	8	13
<b>Sussex</b>	12	4	5	7	4	6	7	5	10	11	5	2	9	3	1	6	6	10
All Races	6	2	1	5	5	5	5	6	2	5	3	6	1	0	6	3	2	2
White	0	0	0	1	1	0	1	0	1	0	0	2	1	0	0	1	0	1
Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:  
 1. N/A NCHS estimate not released at the time of this report  
 2. Neonatal deaths refer to deaths of children under 28 days of age.

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

**TABLE E-3. NUMBER OF POSTNEONATAL DEATHS BY RACE, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1998-2015**

Area/ Race	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>																		
All Races	9453	9209	9259	9303	9285	9132	9343	9670	9538	10080	9848	9157	8398	8031	7743	7553	7495	N/A
White	6155	5903	5943	5942	6015	5945	5993	6275	6101	6474	6321	5763	5342	5038	4991	4888	4713	N/A
Black	2902	2902	2928	2913	2878	2762	2999	2955	2982	3102	3020	2938	2632	2565	2485	2215	2390	N/A
Other	396	404	388	448	392	425	351	440	455	504	507	456	424	428	267	450	392	N/A
<b>Delaware</b>																		
All Races	29	23	31	32	17	32	34	27	27	26	33	25	30	25	18	21	19	21
White	21	10	20	16	9	17	18	12	14	15	17	11	20	18	9	12	9	7
Black	8	12	11	16	7	15	16	15	11	10	16	14	10	3	9	9	9	7
Other	0	1	0	0	1	0	0	0	2	1	0	0	0	4	0	0	1	7
<b>Kent</b>																		
All Races	9	2	6	4	5	8	6	7	6	3	6	4	4	4	5	3	3	6
White	7	1	5	0	4	5	3	3	3	1	3	2	3	4	3	2	1	1
Black	2	1	1	4	1	3	3	4	2	1	3	2	1	0	2	1	2	3
Other	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
<b>New Castle</b>																		
All Races	18	17	17	18	8	22	21	14	16	17	22	15	22	17	11	14	12	5
White	12	8	11	10	4	10	12	7	9	10	12	5	15	11	4	8	7	2
Black	6	8	6	8	3	12	9	7	7	7	10	10	7	2	7	6	4	0
Other	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	1	3
<b>Wilmington</b>																		
All Races	6	6	3	3	3	8	3	3	4	7	9	4	8	3	2	3	2	0
White	1	2	0	1	1	3	1	0	1	2	4	0	4	1	0	0	0	0
Black	5	4	3	2	2	5	2	3	3	5	5	4	4	2	2	3	2	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Balance of NC County</b>																		
All Races	12	11	14	15	5	14	18	11	12	10	13	11	14	14	9	11	10	5
White	11	6	11	9	3	7	11	7	8	8	8	5	11	10	4	8	7	2
Black	1	4	3	6	1	7	7	4	4	2	5	6	3	0	5	3	2	0
Other	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	1	3
<b>Sussex</b>																		
All Races	2	4	8	10	4	2	7	6	5	6	5	6	4	4	2	4	4	10
White	2	1	4	6	1	2	3	2	2	4	2	2	2	3	2	2	1	4
Black	0	3	4	4	3	0	4	4	2	2	3	4	2	1	0	2	3	4
Other	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2

Notes:  
 1. N/A NCHS estimate not released at time of this report  
 2. Postneonatal deaths refer to deaths of children 28 to 364 days of age.

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

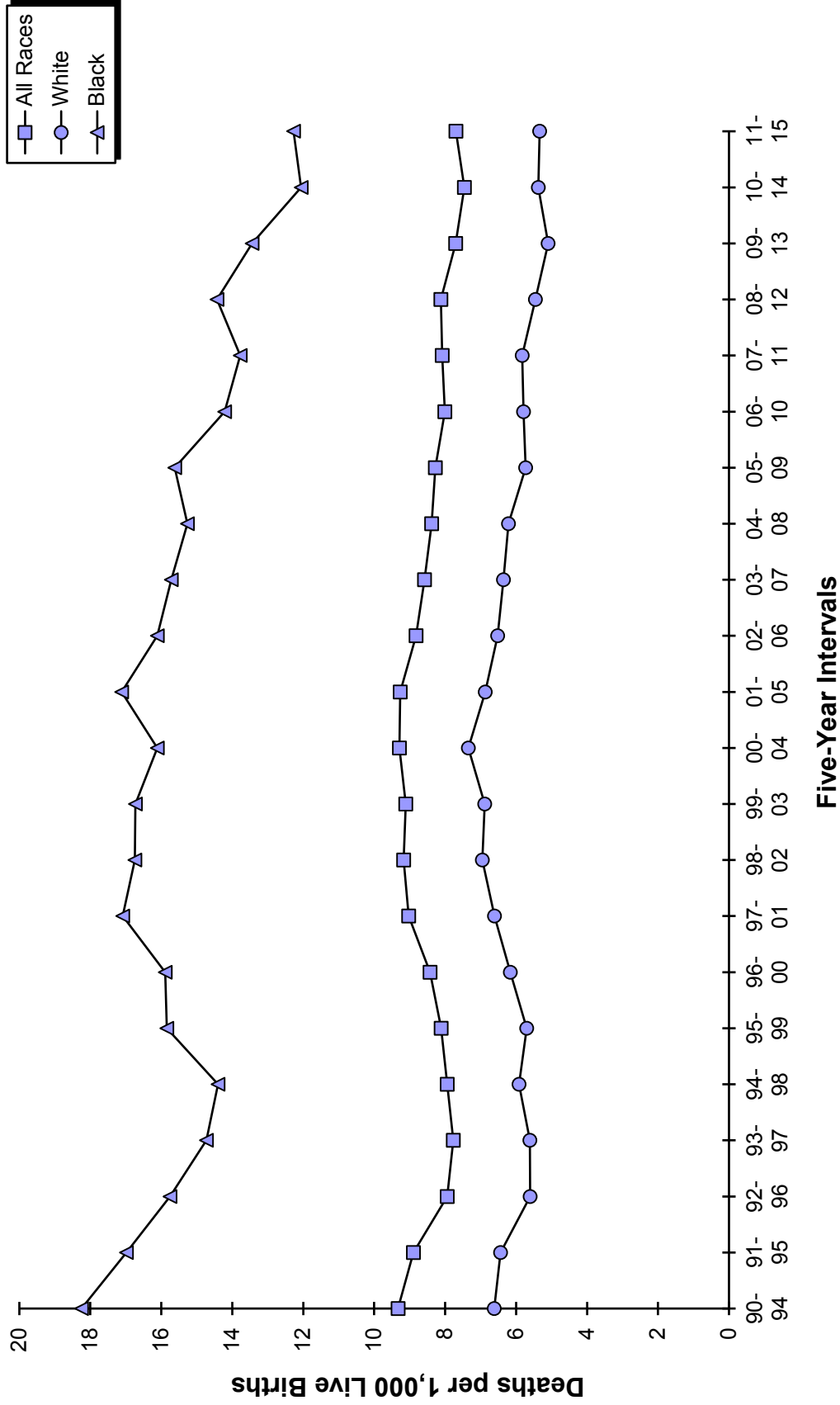
**TABLE E- 4. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1995-2015**

Area/ Race	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>																	
All Races	7.3	7.1	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.5	6.4	6.2	6.1	6.0	5.9
White	6.0	5.9	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.1	5.0
Black	14.6	14.4	14.2	14.3	14.2	14.0	14.0	13.8	13.6	13.3	13.1	12.7	12.4	12.0	11.6	11.2	11.2
<b>Delaware</b>																	
All Races	8.1+	8.4+	9.0+	9.2+	9.1+	9.3+	9.3+	8.8+	8.6+	8.4+	8.3+	8.0+	8.1+	8.1+	7.7+	7.5+	7.7+
White	5.7	6.2	6.6	6.9+	6.9+	7.3+	6.9+	6.5+	6.4	6.2	5.7	5.8	5.8	5.5	5.1	5.4	5.3
Black	15.8	15.9	17.1+	16.7+	16.7+	16.1	17.1+	16.1+	15.7+	15.3	15.6+	14.2	13.8	14.4+	13.4	12.1	12.3
<b>Kent</b>																	
All Races	8.4	8.6	8.7	9.9	9.5	10.2	10.0	9.1	7.1	7.1	7.1	6.5	6.9	7.6	6.6	6.2	6.9
White	6.3	7.0	6.9	9.5	8.6	9.2	7.6	7.0	4.4	4.6	4.3	5.1	5.9	6.3	5.7	6.2	5.8
Black	15.7	14.3	15.2	12.7	13.4	13.9	17.0	14.9	13.6	13.2	14.0	10.2	9.4	11.5	9.2	6.7	8.5
<b>New Castle</b>																	
All Races	7.9	8.5	9.1	9.2	9.5	9.4	9.4	9.2	9.2	9.0	9.0	8.8	9.1	9.3	8.8	8.7	8.6
White	4.9	5.6	6.2	6.4	6.8	7.3	7.1	6.8	7.0	6.9	6.4	6.1	6.2	5.9	5.4	5.7	5.6
Black	17.4	17.7	18.2	18.0	18.0	16.5	16.7	16.3	16.3	15.7	16.1	15.8	15.6	16.1	15.3	14.3	13.7
<b>Wilmington</b>																	
All Races	13.7	14.4	14.0	13.5	13.5	12.4	12.8	12.3	13.0	13.0	13.8	14.1	14.8	16.1	15.9	15.8	14.6
White	---	---	---	---	---	---	---	---	---	---	---	---	---	9.8	---	10.1	10.0
Black	18.0	18.7	18.0	17.9	17.6	15.9	17.0	16.3	17.3	16.3	18.0	18.0	19.1	19.3	20.3	19.2	16.3
<b>Balance of NC County</b>																	
All Races	6.7	7.2	8.1	8.3	8.6	8.8	8.7	8.5	8.5	8.2	8.0	7.7	7.9	7.9	7.5	7.3	7.5
White	4.8	5.4	6.1	6.4	6.8	7.3	7.2	6.9	7.0	6.8	6.4	6.0	6.0	5.5	5.1	5.2	5.1
Black	16.8	16.8	18.5	18.1	18.2	17.0	16.6	16.3	15.8	15.3	14.9	14.5	13.8	14.4	13.0	12.2	12.6
<b>Sussex</b>																	
All Races	8.5	8.1	9.0	8.3	7.4	8.1	8.2	7.5	7.9	7.6	7.2	7.0	6.2	5.2	5.4	5.1	5.8
White	8.0	7.5	7.6	6.5	5.5	5.9	5.5	5.1	6.2	5.7	5.2	5.6	5.0	3.6	3.8	4.0	4.3
Black	9.9	10.4	14.4	15.9	15.4	16.9	19.0	16.9	15.7	16.0	15.6	12.6	11.2	11.1	10.7	9.5	11.1

Notes:  
 1. 2011-2015 U.S. data are based on NCHS estimates.  
 2. Infant mortality rates represent the number of deaths of children under one year of age per 1000 live births.  
 3. '+' indicates that the Delaware rate is significantly higher than the U.S. rate.  
 4. '-' indicates that the Delaware rate is significantly lower than the U.S. rate.  
 5. '---' indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.  
 6. 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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

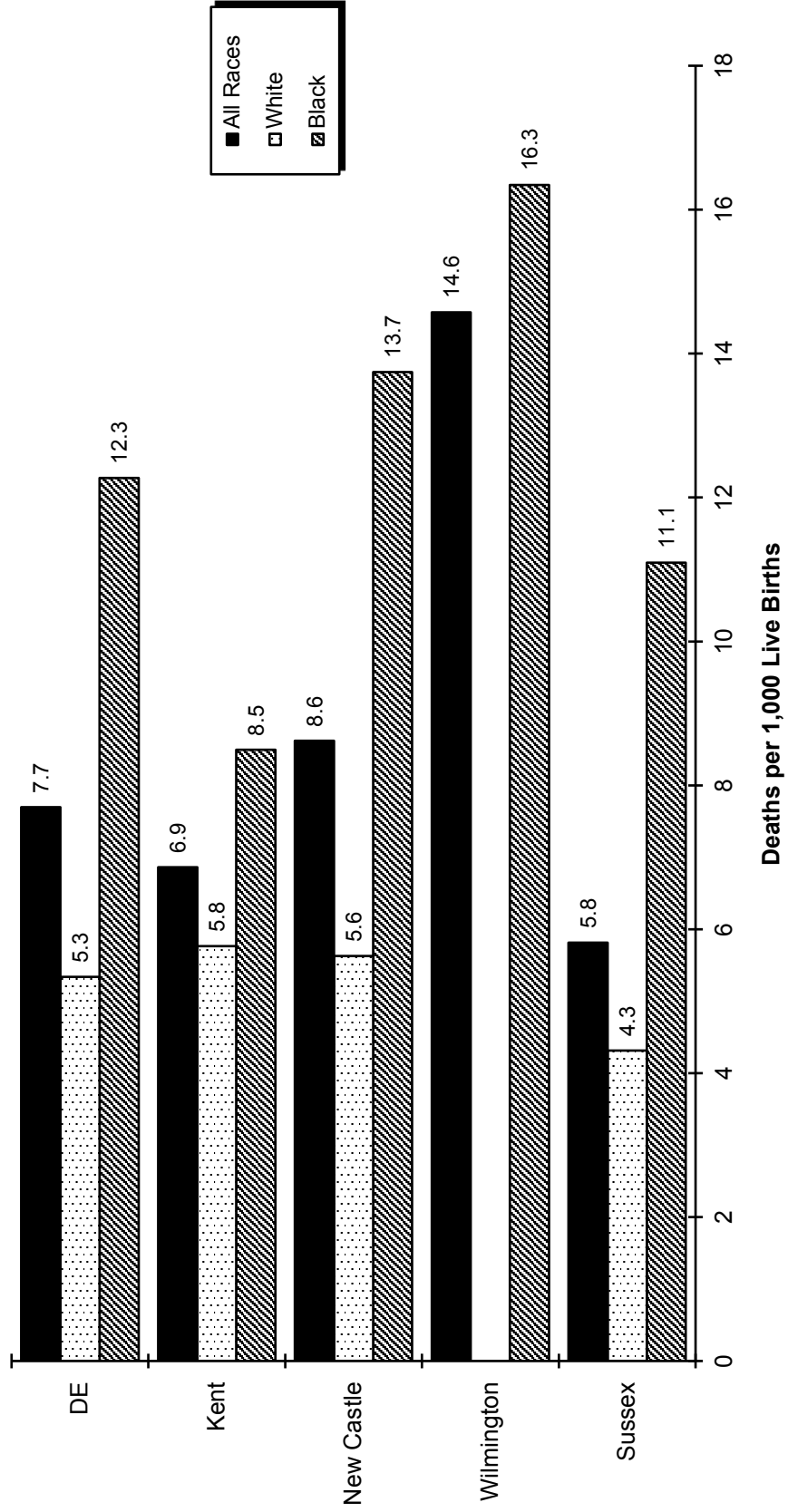
**Figure E-1. Five-Year Average Infant Mortality Rates by Race, Delaware, 1990-2015**



Source: Delaware 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, 2011-2015**



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

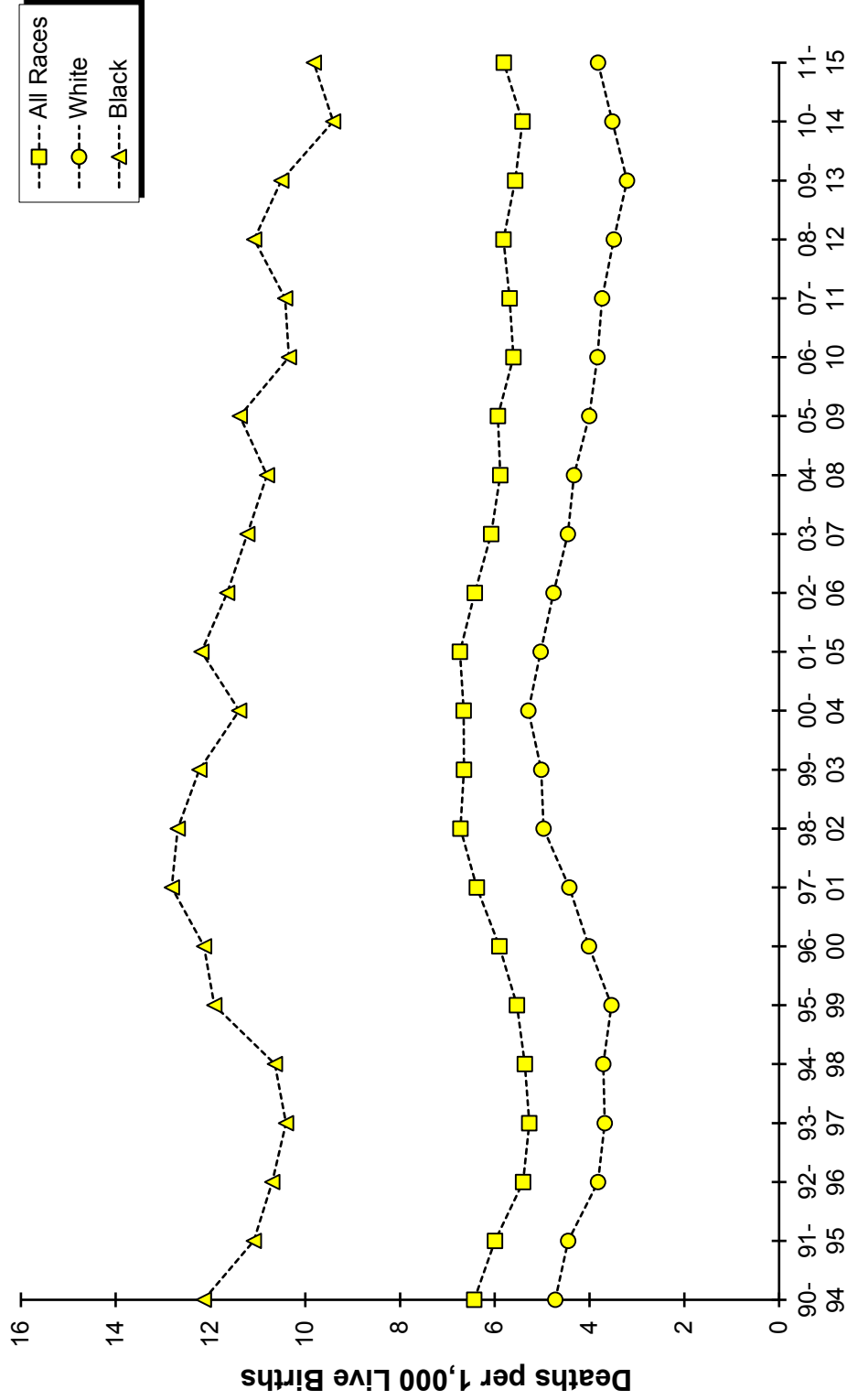
**TABLE E-5. FIVE-YEAR AVERAGE NEONATAL MORTALITY RATES BY RACE, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1995-2015**

Areal Race	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>																	
All Races	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	N/A
White	4.0	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.4	N/A
Black	9.6	9.5	9.5	9.5	9.0	9.3	9.2	9.1	9.0	8.7	8.6	8.3	8.0	7.7	7.5	7.4	N/A
<b>Delaware</b>																	
All Races	5.5+	5.9+	6.4+	6.7+	6.7+	6.7+	6.7+	6.4+	6.1+	5.9+	5.9+	5.6+	5.7+	5.8+	5.6+	5.4+	5.8
White	3.5	4.0	4.4	5.0+	5.0+	5.3+	5.0+	4.8+	4.5+	4.3	4.0	3.8	3.7	3.5	3.2	3.5	3.8
Black	11.9+	12.1+	12.8+	12.7+	12.2+	11.4+	12.2+	11.6+	11.2+	10.8+	11.4+	10.3+	10.4+	11.1+	10.5+	9.4+	9.8
<b>Kent</b>																	
All Races	5.5	5.9	6.1	7.2	7.0	7.2	7.0	6.0	4.3	4.6	4.7	4.4	5.0	5.6	4.8	4.4	5.0
White	3.4	4.1	4.6	7.0	6.5	6.8	5.5	4.5	---	2.9	2.7	3.5	4.2	4.3	3.9	4.4	4.3
Black	12.0	12.1	11.3	8.9	9.3	9.2	11.2	10.0	9.1	8.8	10.1	7.3	7.2	8.9	7.3	---	---
<b>New Castle</b>																	
All Races	5.4	6.1	6.6	6.9	7.1	7.0	7.1	6.9	6.8	6.5	6.7	6.2	6.4	6.7	6.5	6.4	6.8
White	3.0	3.7	4.3	4.5	5.0	5.3	5.3	5.1	5.0	4.8	4.6	3.9	3.8	3.7	3.3	3.5	4.0
Black	13.0	13.5	14.2	14.5	13.9	12.4	12.5	12.3	12.1	11.7	12.1	11.8	12.2	12.5	12.2	11.7	11.8
<b>Wilmington</b>																	
All Races	8.7	9.8	9.7	10.1	9.8	9.1	9.5	8.9	9.0	8.9	9.6	9.0	9.7	11.6	12.2	12.4	12.6
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	11.8	12.5	12.5	13.8	13.4	12.1	13.1	12.3	12.5	11.6	12.9	12.5	13.6	14.4	15.7	14.9	13.3
<b>Balance of NC County</b>																	
All Races	4.7	5.3	6.0	6.3	6.6	6.5	6.6	6.5	6.3	6.0	6.0	5.6	5.8	5.8	5.3	5.3	5.7
White	3.0	3.6	4.2	4.6	5.1	5.4	5.5	5.2	5.2	4.8	4.7	4.0	3.9	3.5	3.1	3.0	3.4
Black	14.1	14.4	15.6	15.1	14.2	12.5	12.1	12.3	11.8	11.8	11.6	11.5	11.4	11.6	10.5	10.3	11.1
<b>Sussex</b>																	
All Races	6.0	5.3	5.8	5.5	4.6	5.1	5.5	5.3	5.6	5.2	4.9	4.9	4.1	3.4	3.6	3.5	3.7
White	5.5	5.0	4.9	4.5	3.6	3.8	3.7	3.9	4.6	4.3	3.7	4.1	3.3	2.2	2.4	2.9	3.0
Black	---	---	---	---	---	9.9	12.1	10.8	10.3	9.3	9.8	---	---	---	---	---	---

Notes:  
 1. 2011-2015 U.S. data are based on NCHS estimates which have not been released at the time of this report.  
 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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure E-3. Five-Year Average Neonatal Mortality Rates by Race, Delaware, 1990-2015**



**Five-Year Intervals**

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

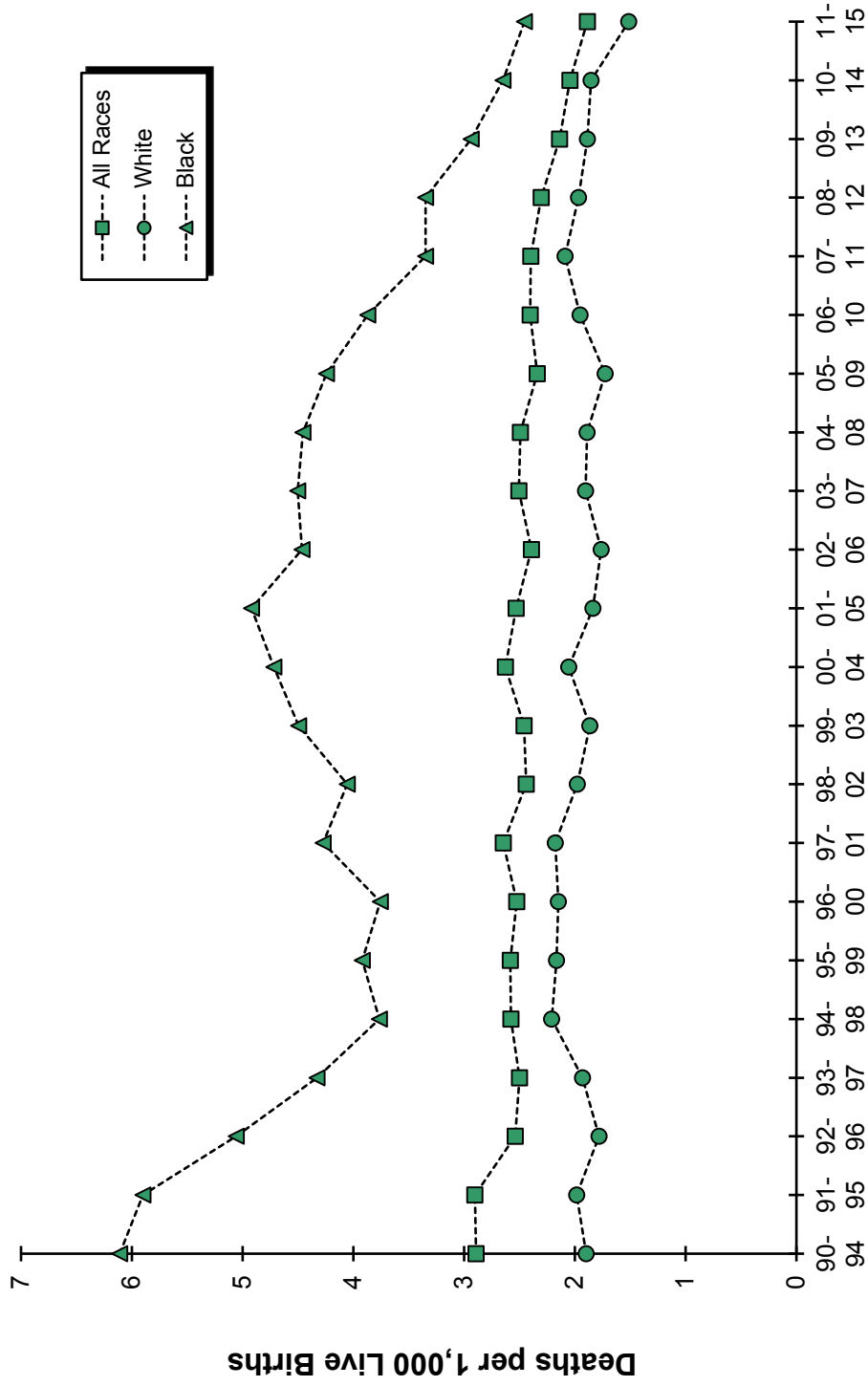
**TABLE E-6. FIVE-YEAR AVERAGE POSTNEONATAL MORTALITY RATES BY RACE, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 1995-2015**

Area/ Race	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>U.S.</b>																	
All Races	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	N/A
White	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	N/A
Black	5.0	4.8	4.8	4.8	4.7	4.8	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.2	4.0	3.9	N/A
<b>Delaware</b>																	
All Races	2.6	2.5	2.6	2.4	2.5	2.6	2.5	2.4	2.5	2.5	2.3	2.4	2.4	2.3	2.1	2.0	1.9
White	2.2	2.2	2.2	2.0	1.9	2.1	1.8	1.8	1.9	1.9	1.7	2.0	2.1	2.0	1.9	1.9	1.5
Black	3.9	3.8	4.3	4.1	4.5	4.7	4.9	4.5	4.5	4.5	4.2	3.9	3.3-	3.3	2.9-	2.7-	2.5
<b>Kent</b>																	
All Races	3.0	2.7	2.7	2.7	2.6	2.9	3.0	3.1	2.8	2.6	2.3	2.0	1.9	2.1	1.8	---	1.9
White	---	2.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>New Castle</b>																	
All Races	2.5	2.4	2.5	2.2	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.6	2.7	2.5	2.4	2.3	1.8
White	1.9	1.8	2.0	1.8	1.8	1.9	1.8	1.7	2.0	2.1	1.9	2.3	2.4	2.2	2.1	2.2	1.6
Black	4.4	4.2	4.0	3.5	4.1	4.2	4.2	4.0	4.3	4.0	4.0	3.9	3.5	3.5	3.2	2.6	---
<b>Wilmington</b>																	
All Races	5.0	4.6	4.3	3.4	3.7	3.3	3.3	3.4	4.0	4.1	4.2	5.1	5.2	4.6	3.7	---	---
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	6.3	6.2	5.5	---	---	---	---	---	---	---	5.1	5.5	5.5	---	---	---	---
<b>Balance of NC County</b>																	
All Races	1.9	1.9	2.1	2.0	2.0	2.3	2.1	2.0	2.2	2.1	1.9	2.1	2.1	2.1	2.1	2.1	1.8
White	1.8	1.8	1.9	1.8	1.6	1.9	1.7	1.6	1.9	2.0	1.7	2.0	2.1	2.0	2.0	2.2	1.7
Black	---	---	---	---	4.0	4.4	4.4	4.0	4.0	3.5	3.3	3.1	---	---	---	---	---
<b>Sussex</b>																	
All Races	2.5	2.8	3.3	2.9	2.8	3.0	2.7	2.2	2.3	2.4	2.3	2.2	2.1	1.8	1.8	---	2.1
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:  
 1. 2011-2015 U.S. data are based on NCHS estimates which had not been released at the time of this report  
 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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure E-4. Five-Year Average Postneonatal Mortality Rates by Race, Delaware, 1990-2015**



**Five-Year Intervals**

Source: Delaware 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, 2010-2014 LIVE BIRTH COHORT**

Risk Factor	Race		
	All Races	White	Black
<b>Birth Weight of Child</b>			
<2500	61.7	50.0	76.0
<1500	253.1	219.9	275.4
1500-2499	11.9	14.1	---
2500+	2.2	2.2	2.4
<b>Age of Mother</b>			
<20	8.7	7.6	10.1
20-24	8.3	6.6	11.3
25-29	7.1	5.6	10.7
30+	6.6	4.6	13.6
<b>Marital Status of Mother</b>			
Married	5.0	4.3	7.7
Single	9.9	7.2	13.4
<b>Education of Mother</b>			
<12 years	6.0	5.0	8.6
H.S. diploma	11.0	7.7	15.9
1+ years college	5.7	4.7	8.9
<b>Interval Since Last Live Birth</b>			
<18 months	6.7	---	---
18+ months	4.6	4.0	7.1

*Notes:*

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

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

**TABLE E-8. LEADING CAUSES OF INFANT DEATH BY GESTATIONAL AGE CATEGORY, DELAWARE, 2010-2014 LIVE BIRTH COHORT**

Leading causes of death	Gestational Age Category					% Born Very Preterm	% Born Preterm
	Very preterm	Moderately preterm	Term	Unknown	Total		
Disorders related to short gestation and low birth weight, not elsewhere classified	93	0	2	0	95	97.9	97.9
Congenital malformations, deformations, and chromosomal abnormalities	9	19	32	0	60	15.0	46.7
Newborn affected by maternal complications of pregnancy	42	0	0	0	42	100.0	100.0
Sudden infant death syndrome	1	4	28	0	33	3.0	15.2
Newborn affected by complications of placenta, cord, and membranes	25	1	0	0	26	96.2	100.0
Respiratory distress of newborn	13	1	2	0	16	81.3	87.5
Diseases of the circulatory system	1	3	8	0	12	8.3	33.3
Diarrhea and gastroenteritis of infectious origin	9	0	1	0	10	90.0	90.0
Accidents (unintentional injuries)	1	0	7	0	8	12.5	12.5
Bacterial sepsis of newborn	3	1	3	0	7	42.9	57.1
Assault (homicide)	0	0	7	0	7	0.0	0.0
Intrauterine hypoxia and birth asphyxia	2	0	4	0	6	33.3	33.3
Influenza and pneumonia	0	1	3	0	4	0.0	25.0
involving the immune mechanism	1	1	1	0	3	33.3	66.7
Newborn affected by other complications of labor and delivery	3	0	0	0	3	100.0	100.0
Hydrops fetalis not due to hemolytic disease	2	1	0	0	3	66.7	100.0
Septicemia	1	0	1	0	2	50.0	50.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	1	0	0	1	2	50.0	50.0
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	2	0	0	0	2	100.0	100.0
All other causes	27	5	27	0	59	45.8	54.2
<b>TOTAL</b>	<b>238</b>	<b>37</b>	<b>126</b>	<b>1</b>	<b>402</b>	<b>59.2</b>	<b>68.4</b>

*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 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 , 1994-2014 LIVE BIRTH COHORT**

Parameter/ Race	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014
<b>BIRTHWEIGHT</b>																	
<b>2500+</b>																	
All Races	2.5	2.4	2.4	2.5	2.3	2.4	2.5	2.2	2.2	2.3	2.0	1.9	2.2	2.2	2.2	2.2	2.2
White	2.4	2.4	2.3	2.4	2.1	2.0	2.1	1.9	1.7	1.9	1.8	1.7	2.1	2.3	2.2	2.3	2.2
Black	2.8	2.8	2.8	3.0	3.0	3.6	3.9	3.5	3.6	3.5	2.9	2.8	2.7	2.3	2.5	2.5	2.4
<b>&lt;2500</b>																	
All Races	64.8	66.5	69.5	75.2	76.4	74.2	73.1	74.5	69.9	68.8	69.2	70.6	65.5	67.1	68.2	64.6	61.7
White	55.4	53.9	55.9	63.2	68.7	67.4	68.8	68.4	64.3	60.8	60.0	58.5	55.6	54.9	52.8	50.1	50.0
Black	78.8	86.0	88.2	93.7	90.5	88.3	83.0	88.0	80.9	82.2	83.9	89.5	81.6	85.9	89.1	83.1	76.0
<b>&lt;1500</b>																	
All Races	258.5	262.7	270.9	304.8	316.2	302.4	306.2	313.9	289.4	285.8	286.8	279.3	260.8	264.7	267.6	258.6	253.1
White	223.2	219.3	231.5	281.9	303.4	297.2	316.8	321.2	295.3	289.0	280.2	262.0	242.2	233.3	222.0	216.6	219.9
Black	296.8	315.8	312.1	329.8	335.5	317.0	301.5	315.7	289.4	286.0	291.9	298.9	283.9	295.1	309.2	295.4	275.4
<b>GESTATION</b>																	
<b>37+ weeks</b>																	
All Races	2.6	2.6	2.5	2.5	2.3	2.3	2.4	2.2	2.2	2.3	2.0	2.0	2.4	2.6	2.6	2.5	2.6
White	2.6	2.6	2.4	2.3	2.1	1.9	2.0	1.7	1.8	1.9	1.8	1.8	2.4	2.7	2.7	2.6	2.6
Black	2.8	2.7	2.8	3.1	2.9	3.7	4.0	3.4	3.4	3.4	2.9	2.7	2.8	2.7	2.8	2.7	2.8
<b>&lt;37 weeks</b>																	
All Races	45.6	45.9	48.2	53.0	54.3	52.8	52.6	53.5	49.1	47.1	47.0	47.3	43.6	44.3	45.5	44.0	41.5
White	35.4	33.6	35.7	41.8	45.5	45.1	46.5	45.2	40.5	37.5	36.2	34.9	33.0	32.3	30.9	30.3	29.5
Black	64.1	69.6	70.5	73.5	72.5	70.5	67.7	72.7	68.2	66.9	68.3	71.1	64.0	66.3	69.7	65.4	59.8
<b>&lt;32 weeks</b>																	
All Races	199.8	201.3	214.9	238.1	249.6	238.7	239.4	249.1	232.4	220.4	220.4	216.9	195.0	195.7	198.7	190.8	178.9
White	179.4	174.0	191.5	228.4	249.2	238.2	244.0	248.3	223.0	202.7	193.2	184.8	159.9	153.0	144.2	140.1	134.2
Black	222.2	235.6	238.7	250.4	255.4	246.3	239.8	259.4	250.0	246.4	255.2	258.8	237.4	240.9	250.4	234.6	215.0
<b>PLURALITY</b>																	
<b>Single</b>																	
All Races	6.7	6.8	6.9	7.3	7.3	7.3	7.5	7.4	7.1	7.2	7.0	7.0	7.0	7.0	6.9	6.7	6.3
White	5.1	5.1	4.9	5.2	5.4	5.2	5.6	5.4	5.1	5.2	5.2	4.9	5.4	5.4	5.1	4.9	4.7
Black	11.5	12.2	12.9	13.4	13.4	13.8	13.5	13.6	13.0	12.8	12.2	12.7	11.8	11.6	11.7	11.3	10.4
<b>Plural</b>																	
All Races	39.3	41.6	45.4	53.1	52.9	52.3	50.3	52.0	47.0	44.0	40.3	41.0	32.6	34.2	35.0	34.5	36.1
White	30.4	28.6	35.1	43.4	48.0	50.3	49.2	49.9	44.0	36.6	29.6	30.6	23.0	23.5	23.2	25.6	30.5
Black	68.7	84.6	73.0	80.7	68.5	60.8	54.1	64.6	59.1	63.5	67.7	69.5	54.4	55.5	60.4	50.4	44.5
<b>SMOKING DURING PREGNANCY</b>																	
<b>No</b>																	
All Races	7.1	7.4	7.6	8.1	8.0	8.2	8.2	8.2	7.9	7.7	7.4	7.6	7.4	7.4	7.4	7.2	6.7
White	5.2	5.3	5.3	5.7	5.8	5.9	6.2	6.1	6.0	5.7	5.4	5.3	5.6	5.5	5.4	5.2	4.9
Black	12.7	14.0	14.3	15.3	14.8	15.0	14.3	14.7	13.7	13.4	13.2	13.9	12.9	12.9	13.2	12.3	11.3
<b>Yes</b>																	
All Races	10.6	10.6	11.3	13.4	15.1	14.1	14.8	15.1	13.4	13.9	13.3	12.1	10.7	10.8	10.0	9.7	10.7
White	9.4	9.3	9.8	12.2	14.2	12.7	13.3	13.0	10.2	10.7	10.7	8.9	8.2	8.9	7.6	7.2	9.3
Black	15.3	16.3	17.3	18.0	18.9	19.4	19.5	22.0	23.9	23.8	21.2	21.5	17.5	15.8	15.9	15.7	14.1



**TABLE E-9. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS, DELAWARE , 1994-2014  
LIVE BIRTH COHORT (continued)**

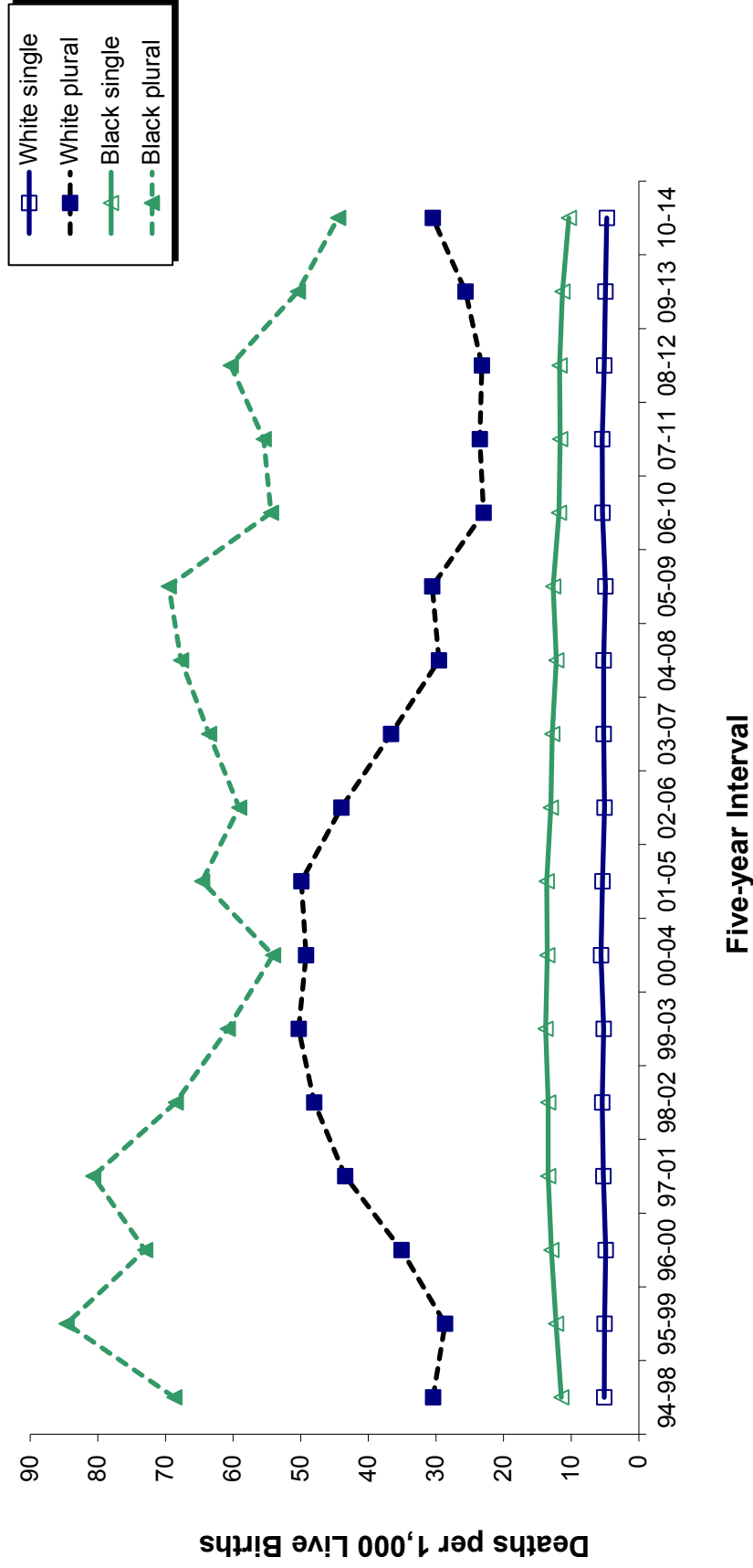
Parameter/ Race	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014
<b>EDUCATION</b>																	
<b>HS Grad or less</b>																	
All Races	9.9	10.4	10.3	11.1	11.5	11.4	11.4	11.1	10.7	10.8	10.1	10.0	10.0	10.0	9.5	9.5	8.8
White	8.0	8.0	7.8	8.4	9.1	8.8	9.1	8.7	8.3	8.4	7.8	7.6	7.7	7.6	6.7	6.7	6.4
Black	14.3	15.8	15.6	16.8	16.9	17.2	16.9	17.2	16.6	16.4	15.4	15.4	14.8	14.8	15.1	14.7	13.3
<b>1+ yrs college</b>																	
All Races	4.9	4.9	5.5	6.1	6.0	6.0	6.0	6.3	5.8	5.4	5.6	5.9	5.6	5.8	6.2	5.7	5.7
White	3.7	3.6	4.1	4.6	4.7	4.7	5.0	5.0	4.5	4.1	4.2	4.1	4.3	4.6	4.9	4.6	4.7
Black	10.5	11.8	13.5	13.9	12.6	12.2	11.0	12.0	11.1	10.9	11.4	13.1	11.2	10.8	11.0	9.6	8.9
<b>PAYMENT FOR DELIVERY</b>																	
<b>Medicaid</b>																	
All Races	10.3	10.9	9.9	10.6	10.1	9.5	9.8	10.2	9.6	10.4	10.2	9.9	9.5	9.3	8.8	8.5	8.2
White	8.8	9.1	7.7	8.6	8.3	7.1	7.5	7.7	7.1	8.0	8.0	7.5	7.5	7.0	6.3	6.0	6.1
Black	12.7	13.6	13.1	13.8	13.0	13.3	13.7	14.7	14.0	14.4	14.1	14.1	13.0	13.3	13.3	12.8	11.8
<b>Private Insurance</b>																	
All Races	5.5	5.7	6.5	6.8	7.4	7.7	7.8	7.6	7.4	6.7	6.4	6.6	6.4	6.4	6.6	6.4	6.2
White	4.2	4.3	4.9	5.2	5.7	5.9	6.1	5.8	5.6	5.0	4.6	4.5	4.7	5.0	4.9	4.9	4.7
Black	12.8	13.7	14.8	15.6	16.5	17.1	16.9	17.0	16.6	15.3	15.0	16.4	14.8	13.7	14.6	13.0	11.7

**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.

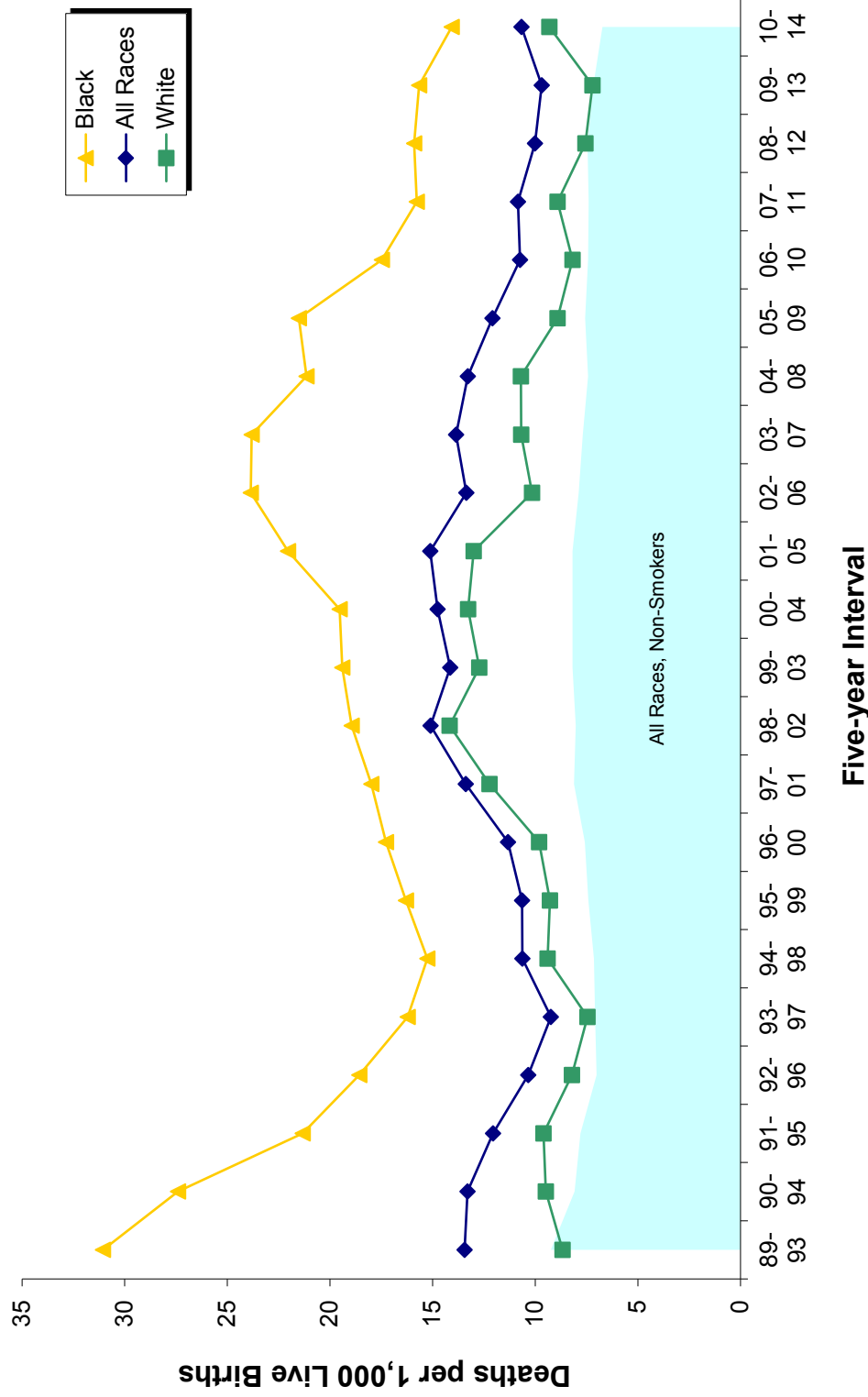
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure E-5. Five-year Average Infant Mortality Rates by Race and Plurality, Delaware, 1994-2014 Live Birth Cohort**



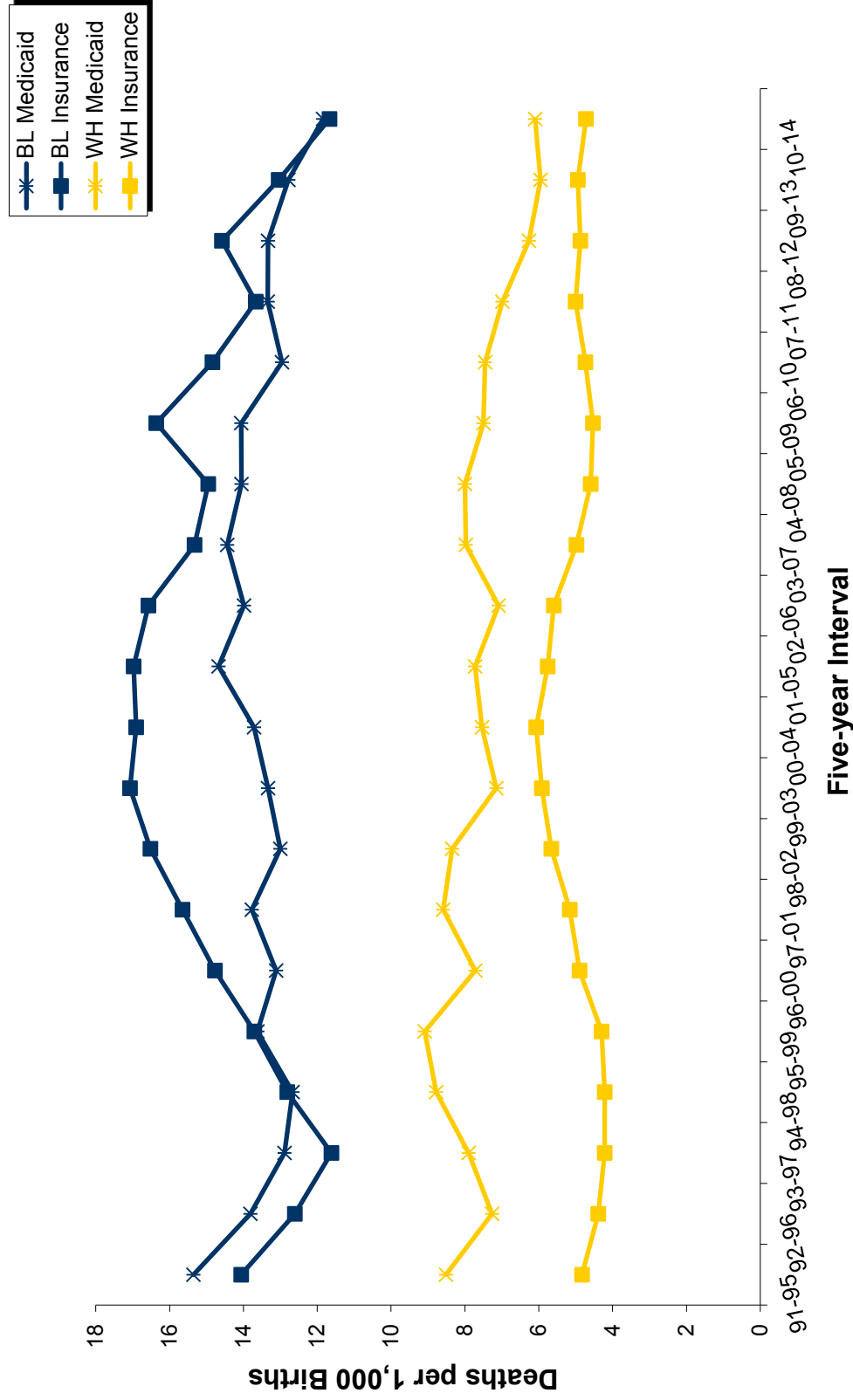
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure E-6. Five-year Average Infant Mortality Rates by Race of Mothers who Smoked during Pregnancy versus all Non-smoking Mothers, Delaware, 1989-2014 Live Birth Cohort**



Source: Delaware 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, 1991-2014 Live Birth Cohort**



Source: Delaware 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, 2010-2014 LIVE BIRTH COHORT**

Plurality/ Birth Weight	Race and Sex										
	All Races			White			Black			Other	
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male
<b>All Births</b>	402	220	182	202	104	98	177	101	76	23	15
<2500	289	170	119	124	74	50	145	83	62	20	13
<1500	245	150	95	95	60	35	133	80	53	17	10
<500	122	69	53	38	21	17	73	42	31	11	6
500-999	106	71	35	45	32	13	56	36	20	5	3
1000-1499	17	10	7	12	7	5	4	2	2	1	1
1500-1999	19	10	9	13	8	5	4	0	4	2	2
2000-2499	25	10	15	16	6	10	8	3	5	1	1
2500+	111	49	62	76	29	47	32	18	14	3	2
2500-2999	42	18	24	29	12	17	12	5	7	1	1
3000-3499	41	15	26	26	7	19	13	7	6	2	1
3500-3999	21	12	9	16	8	8	5	4	1	0	0
4000-4499	7	4	3	5	2	3	2	2	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	2	1	1	2	1	1	0	0	0	0	0
<b>Single Births</b>	338	182	156	169	86	83	150	84	66	19	12
<2500	234	135	99	99	59	40	119	66	53	16	10
<1500	193	117	76	72	47	25	108	63	45	13	7
<500	97	51	46	32	17	15	57	30	27	8	4
500-999	84	59	25	32	25	7	47	31	16	5	3
1000-1499	12	7	5	8	5	3	4	2	2	0	0
1500-1999	18	9	9	12	7	5	4	0	4	2	2
2000-2499	23	9	14	15	5	10	7	3	4	1	1
2500+	102	46	56	68	26	42	31	18	13	3	2
2500-2999	40	17	23	28	11	17	11	5	6	1	1
3000-3499	36	14	22	21	6	15	13	7	6	2	1
3500-3999	19	11	8	14	7	7	5	4	1	0	0
4000-4499	7	4	3	5	2	3	2	2	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	2	1	1	2	1	1	0	0	0	0	0
<b>Plural Births</b>	64	38	26	33	18	15	27	17	10	4	3
<2500	55	35	20	25	15	10	26	17	9	4	3
<1500	52	33	19	23	13	10	25	17	8	4	3
<500	25	18	7	6	4	2	16	12	4	3	2
500-999	22	12	10	13	7	6	9	5	4	0	0
1000-1499	5	3	2	4	2	2	0	0	0	1	1
1500-1999	1	1	0	1	1	0	0	0	0	0	0
2000-2499	2	1	1	1	1	0	1	0	1	0	0
2500+	9	3	6	8	3	5	1	0	1	0	0
2500-2999	2	1	1	1	1	0	1	0	1	0	0
3000-3499	5	1	4	5	1	4	0	0	0	0	0
3500-3999	2	1	1	2	1	1	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0

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

Source: Delaware 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, 2010-2014 LIVE BIRTH COHORT**

Plurality/ Birth Weight	Race and Sex										
	All Races			White			Black			Other	
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male
<b>All Births</b>	294	170	124	130	73	57	143	84	59	21	13
<2500	251	146	105	101	58	43	131	76	55	19	12
<1500	229	138	91	87	52	35	125	76	49	17	10
<500	122	69	53	38	21	17	73	42	31	11	6
500-999	94	62	32	39	26	13	50	33	17	5	3
1000-1499	13	7	6	10	5	5	2	1	1	1	1
1500-1999	11	5	6	7	4	3	3	0	3	1	1
2000-2499	11	3	8	7	2	5	3	0	3	1	1
2500+	42	23	19	28	14	14	12	8	4	2	1
2500-2999	16	10	6	12	7	5	3	2	1	1	1
3000-3499	13	4	9	7	2	5	5	2	3	1	0
3500-3999	8	7	1	5	4	1	3	3	0	0	0
4000-4499	5	2	3	4	1	3	1	1	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	1	1	0	1	1	0	0	0	0	0	0
<b>Single Births</b>	241	137	104	105	60	45	119	67	52	17	10
<2500	202	115	87	80	47	33	107	59	48	15	9
<1500	180	107	73	66	41	25	101	59	42	13	7
<500	97	51	46	32	17	15	57	30	27	8	4
500-999	73	50	23	26	19	7	42	28	14	5	3
1000-1499	10	6	4	8	5	3	2	1	1	0	0
1500-1999	11	5	6	7	4	3	3	0	3	1	1
2000-2499	11	3	8	7	2	5	3	0	3	1	1
2500+	38	21	17	24	12	12	12	8	4	2	1
2500-2999	15	9	6	11	6	5	3	2	1	1	1
3000-3499	10	3	7	4	1	3	5	2	3	1	0
3500-3999	8	7	1	5	4	1	3	3	0	0	0
4000-4499	5	2	3	4	1	3	1	1	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	1	1	0	1	1	0	0	0	0	0	0
<b>Plural Births</b>	53	33	20	25	13	12	24	17	7	4	3
<2500	49	31	18	21	11	10	24	17	7	4	3
<1500	49	31	18	21	11	10	24	17	7	4	3
<500	25	18	7	6	4	2	16	12	4	3	2
500-999	21	12	9	13	7	6	8	5	3	0	0
1000-1499	3	1	2	2	0	2	0	0	0	1	1
1500-1999	0	0	0	0	0	0	0	0	0	0	0
2000-2499	0	0	0	0	0	0	0	0	0	0	0
2500+	4	2	2	4	2	2	0	0	0	0	0
2500-2999	1	1	0	1	1	0	0	0	0	0	0
3000-3499	3	1	2	3	1	2	0	0	0	0	0
3500-3999	0	0	0	0	0	0	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0

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

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

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# Mortality

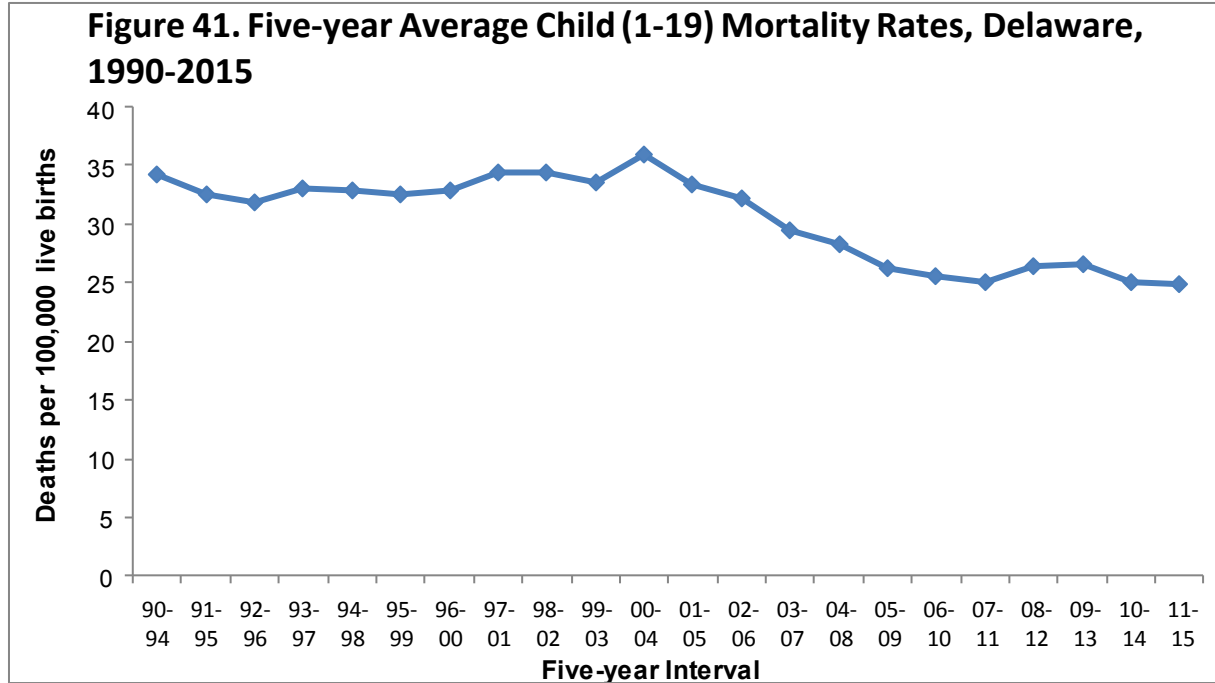


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## CHILD MORTALITY

For 2011-2015, 278 children and adolescents between the ages of 1 and 19 died in Delaware, representing 0.7 percent of the total deaths that occurred during that time. Males accounted for 65 percent of all child deaths in 2011-2015.

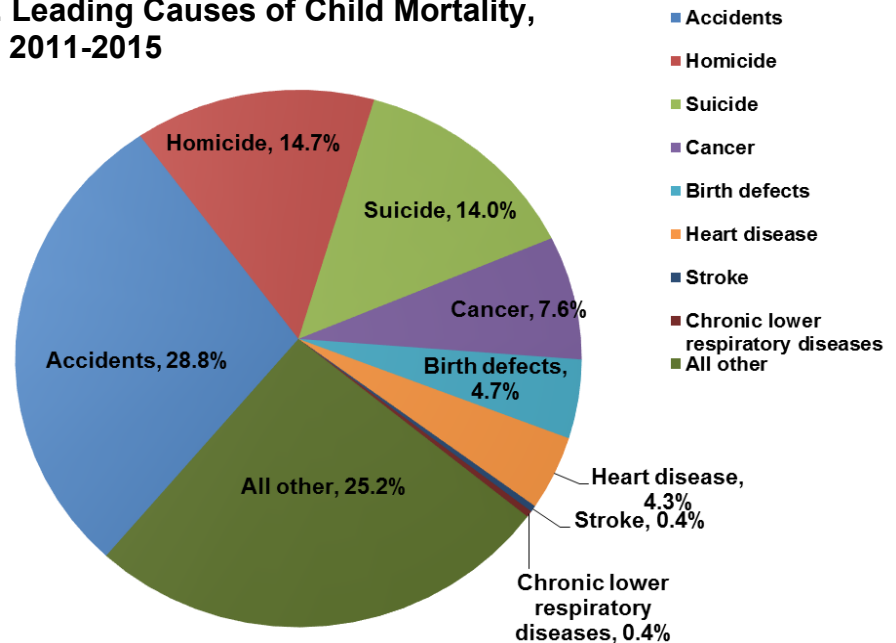
After small fluctuations throughout the 1990s, the mortality rate for children ages 1 to 19 began to decline. Since its peak of 36 in 2000-2004, the rate has decreased 30 percent, to 25 deaths per 100,000 children in 2011-2015.



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

Accidents, homicide, suicide, and cancer were the four most common causes of child mortality in 2011-2015. Together, they accounted for nearly two-thirds of all child deaths.

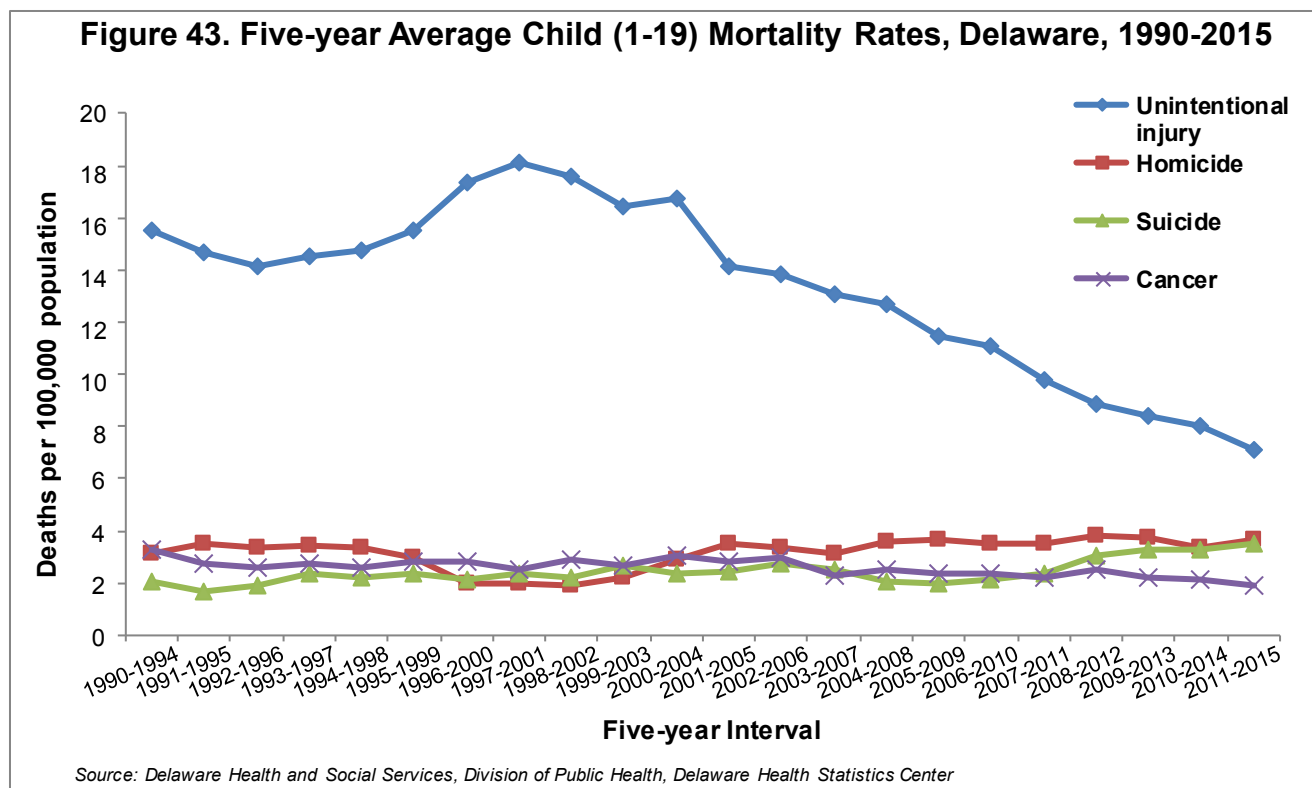
**Figure 42. Leading Causes of Child Mortality, Delaware, 2011-2015**



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

## CHILD MORTALITY

From 2001-2005 to 2011-2015, rates for two of the four leading causes of mortality in children ages 1-19 declined. Unintentional injury mortality rates declined by 50 percent; cancer mortality rates fell 34 percent; and homicide mortality rates increased by 5 percent. Suicide mortality rates increased 41 percent to 3.5 deaths per 100,000 children.



The most common causes of child deaths in 2011-2015 are:

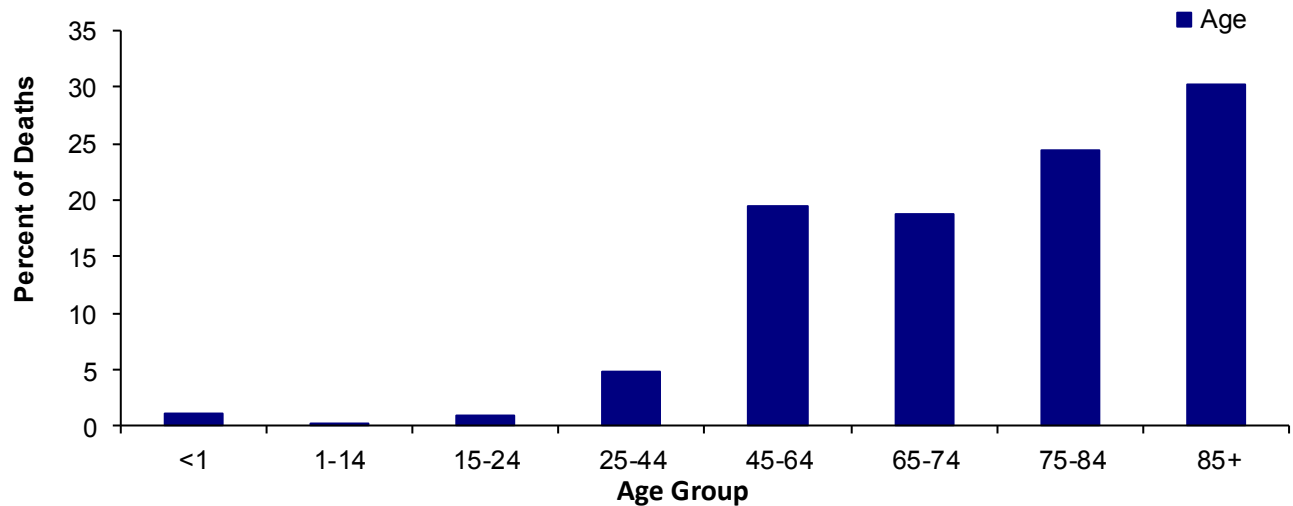
- Motor vehicle crashes accounted for 56 percent of all deaths due to unintentional injuries. The second and third most common causes of unintentional injury deaths of children were poisoning and drowning, which accounted for 18 and 11 percent of deaths, respectively.
- Most child homicides were due to firearms (76 percent) and fire/burning (2 percent).
- The majority of child cancer deaths were due to brain cancer (48 percent) and leukemia (19 percent).
- Suffocation, followed by firearms, were the most common methods of suicide, and accounted for 51 and 26 percent of the total suicide deaths.

## MORTALITY

More Delaware residents died in 2015 than in 2014. A total of 8,580 residents died, 100 of whom were infants under the age of 1. Deaths were split almost equally between males and females. Cancer and heart disease were the most common causes of death, accounting for 46 percent of all deaths in 2015.

- Thirty percent of the Delawareans who died in 2015 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, 2015**



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

- A Delaware resident born in 2015 could expect to live an average of 79.2 years.
- Life expectancy at birth varied by race and sex; white females had the highest life expectancy (82.5) while black males had the lowest (74.1).
- In 1989, 80 percent of Delaware decedents were buried and 15 percent were cremated. By 2015, the distribution had shifted: 48 percent of decedents were buried and 47 percent were cremated.
- In 2015, the 10 leading causes of death for residents of all ages changed slightly from the top 10 in 2014. Influenza became the eighth leading cause of death, whereas nephritis became the ninth leading cause of death.

**Figure 45. Number of Deaths by Leading Cause, Delaware, 2015**

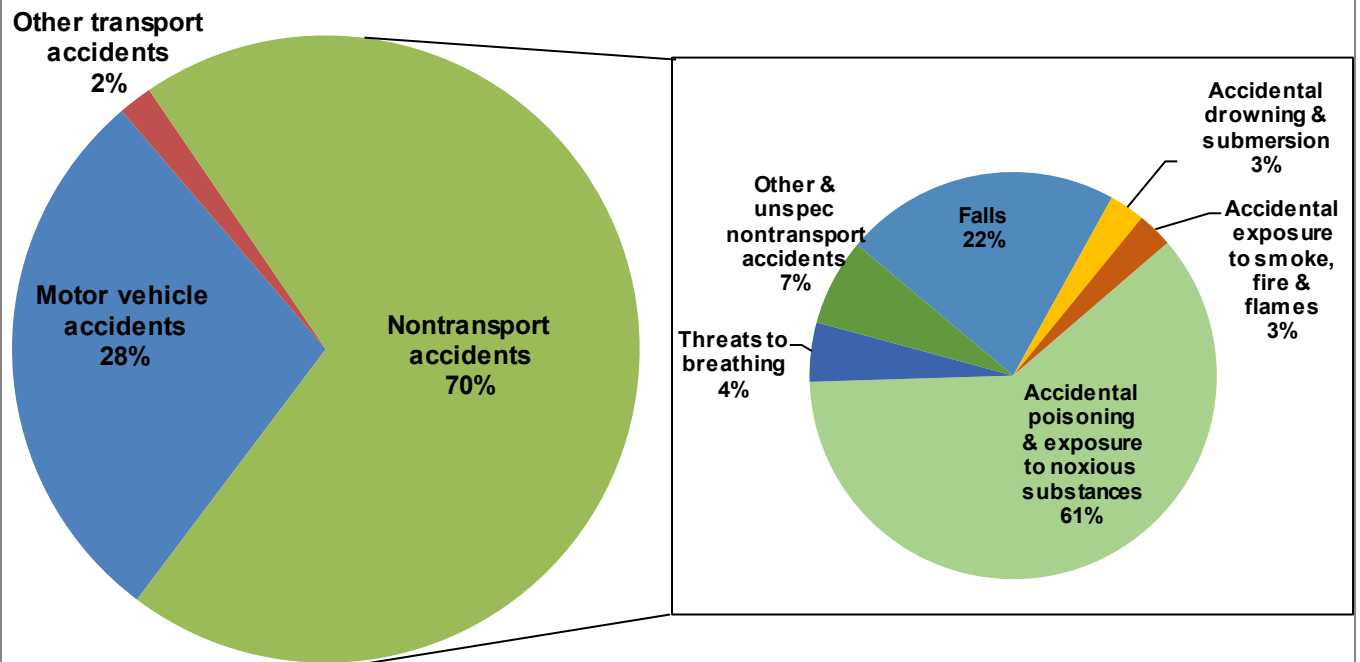
Rank	Leading Cause of Death	Number
1	Malignant neoplasms	2,011
2	Diseases of heart	1,930
3	Chronic lower respiratory diseases	507
4	Cerebrovascular diseases	469
5	Accidents (unintentional injuries)	457
6	Alzheimer's disease	266
7	Diabetes mellitus	212
8	Influenza and pneumonia	193
9	Nephritis, nephrotic syndrome & nephrosis	175
10	Septicemia	146

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

## MORTALITY

- Of the 457 deaths due to unintentional injury in 2015 (5.3 percent of all deaths), 28 percent were due to motor vehicle accidents and 70 percent were due to non-transport accidents. More than half of the 319 non-transport accidents were caused by unintentional poisonings; the majority (60 percent) of unintentional poisonings were drug-induced poisonings.
- For the seventh year, unintentional poisonings surpassed motor vehicle injuries and became the leading cause of unintentional injury death in 2015.
  - Poisonings caused the most unintentional injuries for white males and females. The second highest unintentional injuries were motor vehicle traffic accidents for white males and falls for white females.
  - Poisoning caused the most unintentional injuries for black females and the second highest for black males. Motor vehicle traffic accidents were the highest unintentional injuries for black males and the second highest for black females.
- In 2011-2015, accidents were the number one cause of deaths for people 1-44 years of age, and they were responsible for 40 percent of all deaths of people 15-24 years of age. For decedents ages 15-24, accidents, homicides, and suicides were the three most frequent causes of death and accounted for more than three-quarters of total deaths.

**Figure 46. Accidental Causes of Death by Specific Cause of Injury Delaware, 2015**

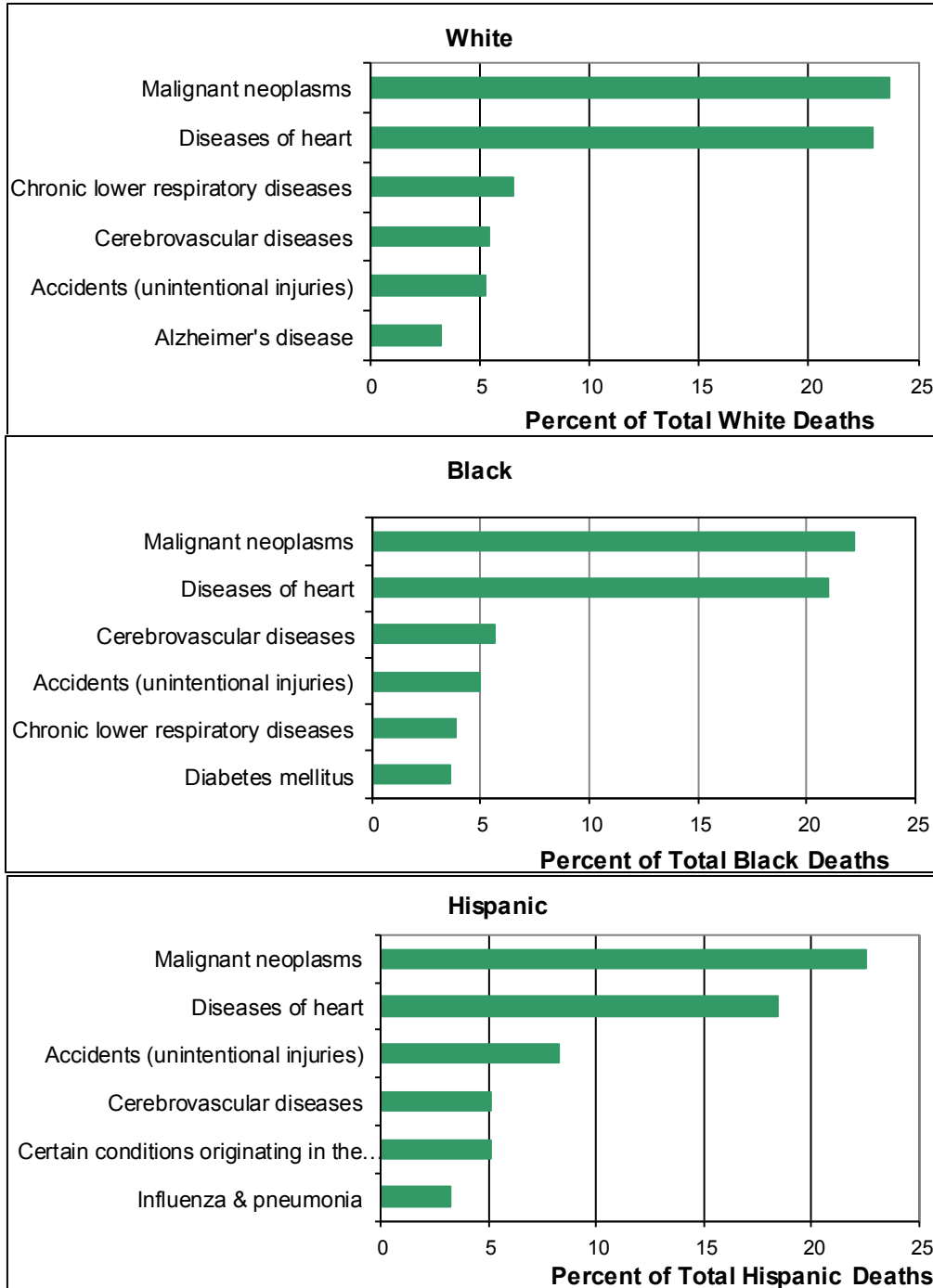


Note: Classification of causes of death are specified in the Technical Notes and Appendices section of the report.

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

The leading causes of death varied by race and ethnic group. In 2015, the most common causes of death for white, black, and Hispanic Delawareans were:

**Figure 47. Leading Causes of Death by Race and Ethnicity, Delaware, 2015**



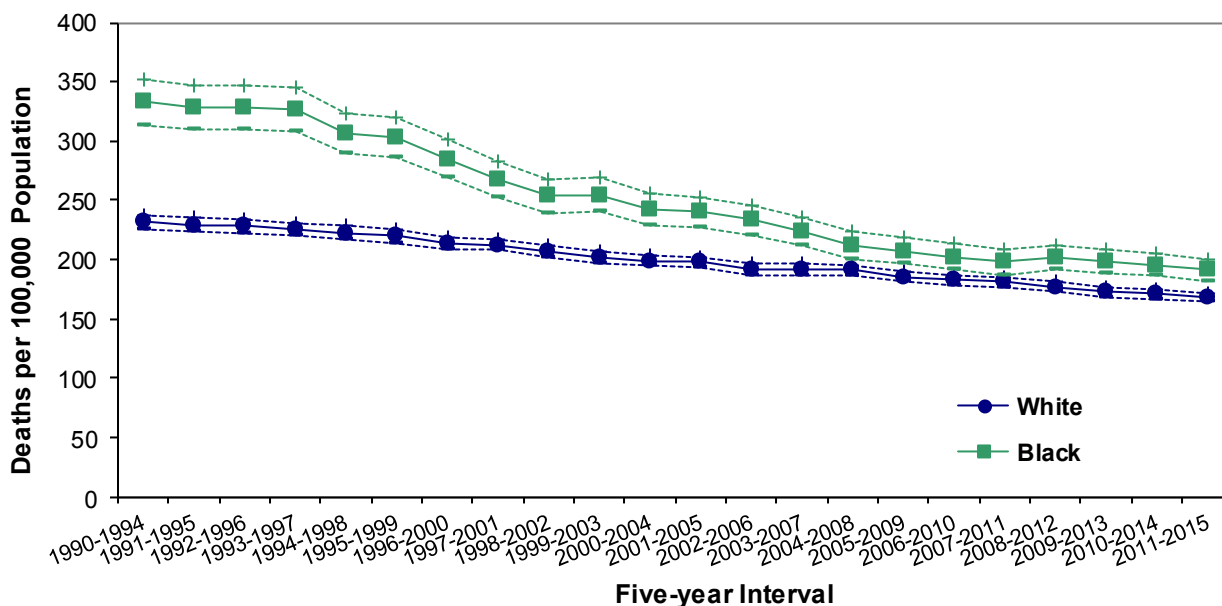
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## MORTALITY

Cancer mortality rates have decreased in all three counties since the early 1990s. In 2011-2015, the five-year age-adjusted cancer mortality rates were 156.9 in Sussex County, 169 in New Castle County and in Kent County 198.8 deaths per 100,000 population. The cancer mortality rate in Wilmington exceeded all counties at 214.4 deaths per 100,000 population.

Cancer mortality rates for black and white decedents followed the same declining trend, and though the gap between black and white cancer mortality rates has narrowed, black cancer mortality rates in 2011-2015 remained higher than white rates (191.4 and 168.3 deaths per 100,000 population).

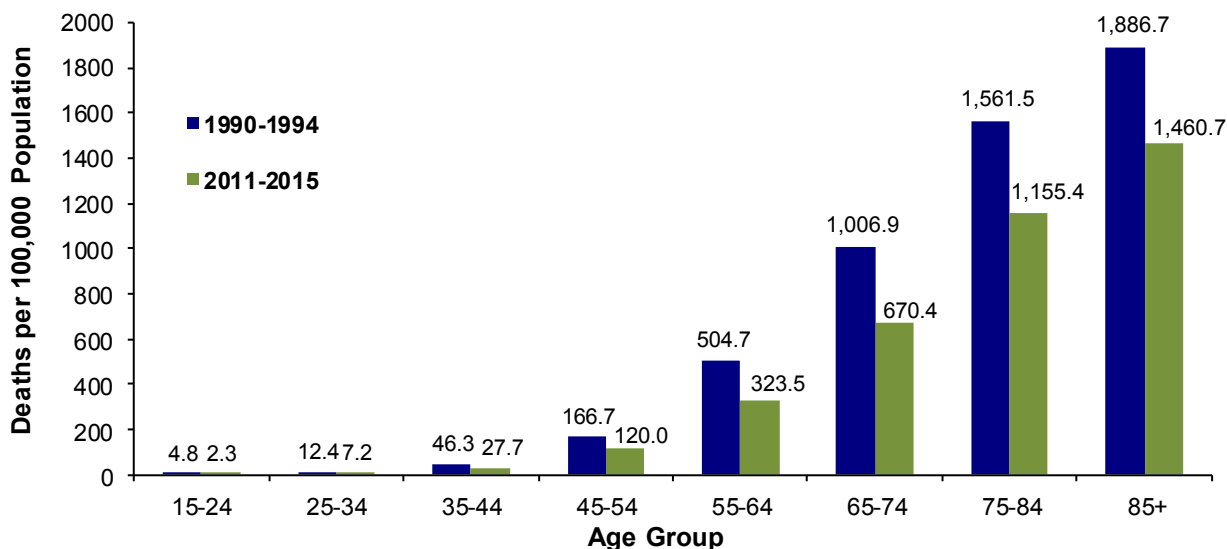
**Figure 48. Five-year Age-Adjusted Cancer Mortality Rates by Race, Delaware, 1990-2015**



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

The same decreases seen in the age-adjusted cancer mortality rates were reflected in the age-specific rates. Cancer mortality rates declined for all age groups between 1990-1994 and 2011-2015. The 15-24 and 25-34 age groups experienced the largest decreases.

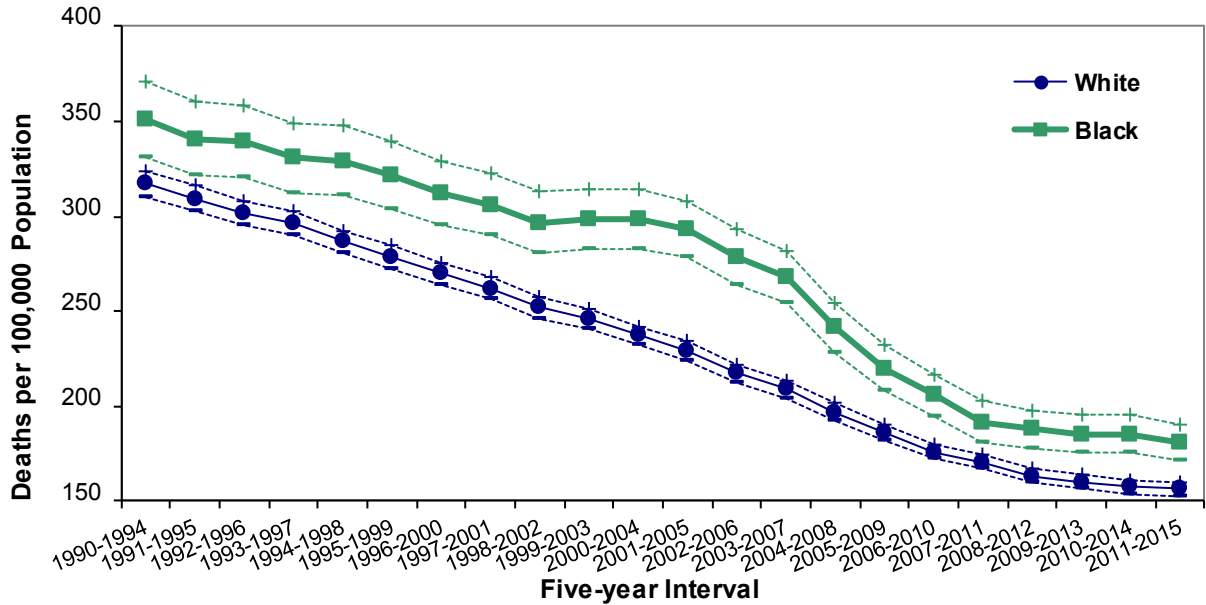
**Figure 49. Five-year Average Age-Specific Cancer Mortality Rates, Delaware, 1990-1994 and 2011-2015**



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

Heart disease was the second most common cause of death for both black and white Delawareans in 2011-2015. Both black and white heart disease mortality rates have declined significantly since 1990-1994, with white rates declining 50.7 percent and black rates declining 48.3 percent.

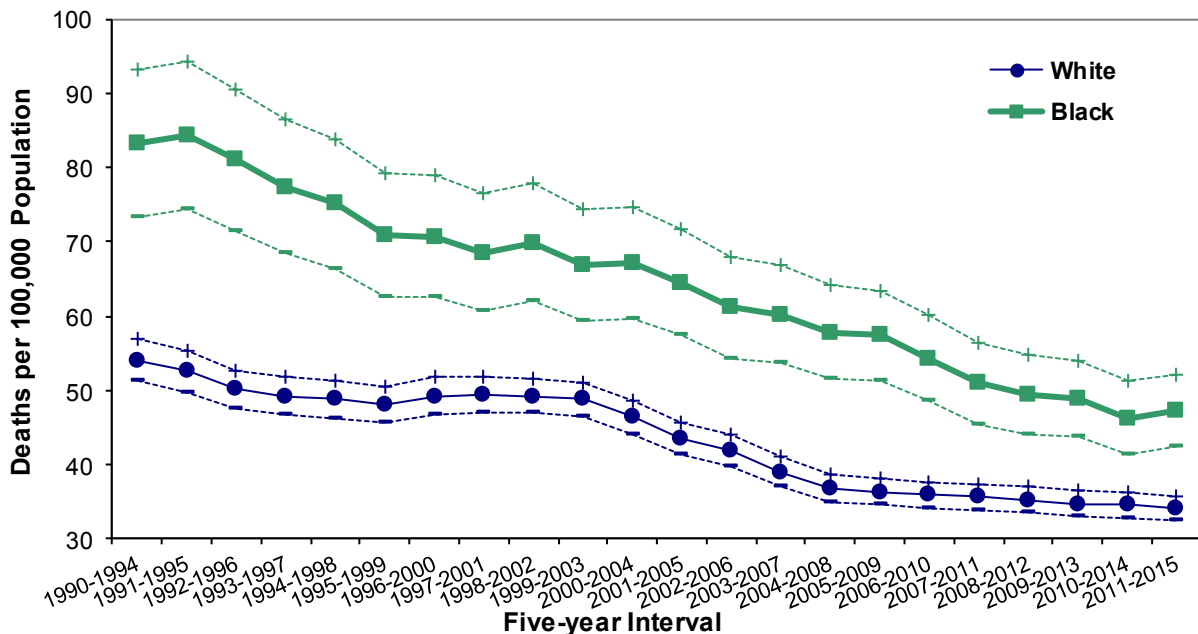
**Figure 50. Five-year Age-Adjusted Heart Disease Mortality Rates by Race, Delaware, 1990-2015**



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

Stroke mortality rates for both races continued their declining trends between 1990-1994 and 2011-2015, with white rates decreasing 37 percent and black rates declining 43 percent. In 2011-2015, the black stroke mortality rate of 47.2 deaths per 100,000 population remained approximately 38 percent higher than the white rate of 34.1 deaths per 100,000 population .

**Figure 51. Five-year Age-Adjusted Stroke Mortality Rates by Race, Delaware 1990-2015**

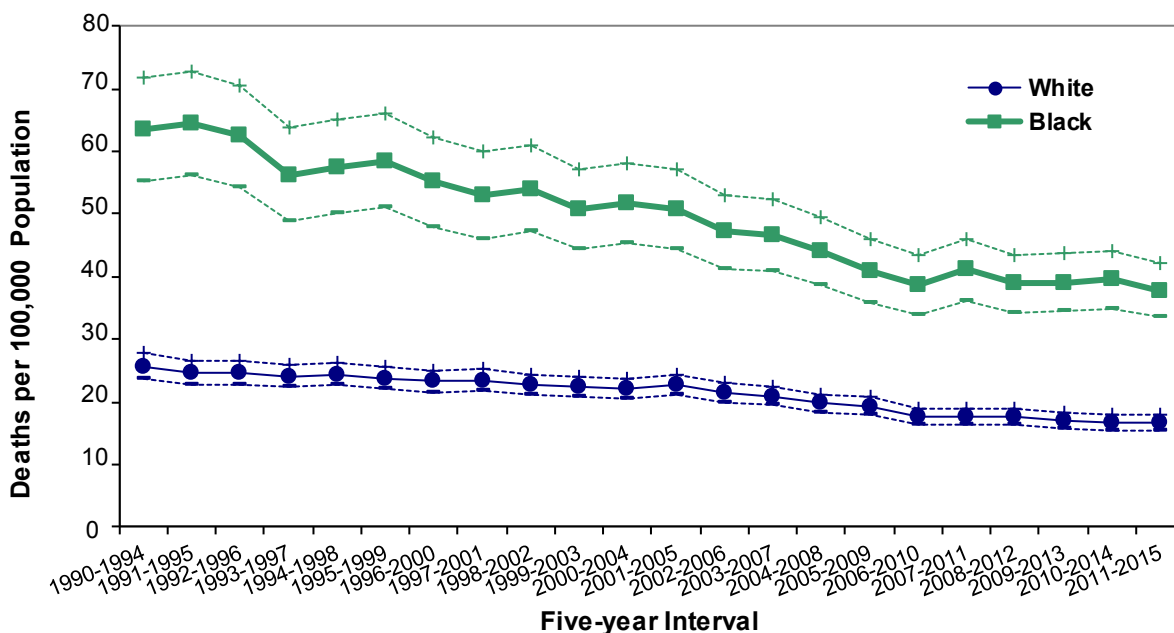


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center



Though black mortality rates for diabetes have declined 41 percent since 1990-1994, their rates were more than double that of whites in 2011-2015.

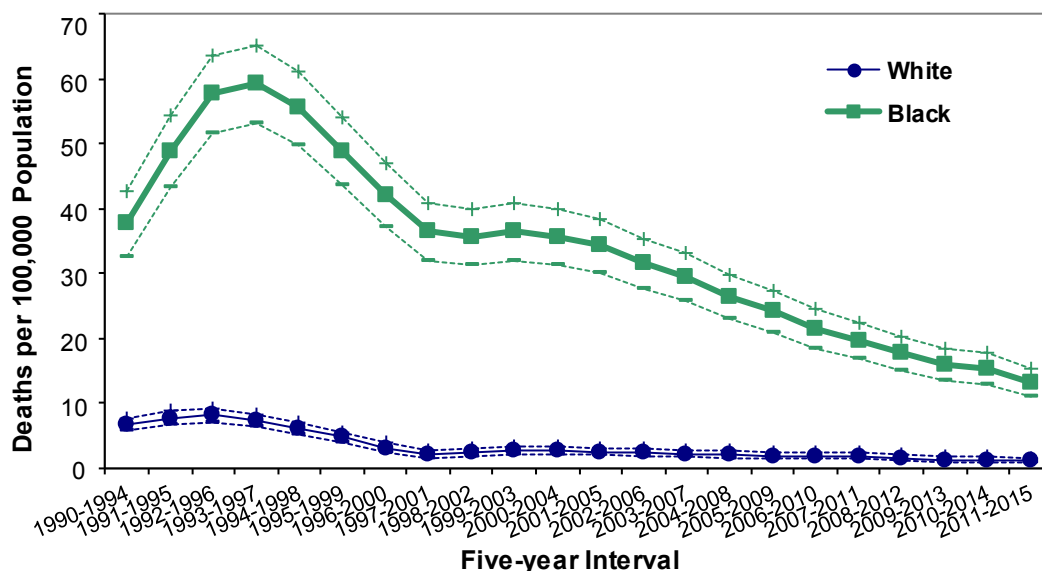
**Figure 52. Five-year Age-Adjusted Diabetes Mortality Rates by Race, Delaware, 1990-2015**



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

HIV/AIDS mortality has disproportionately affected Delaware’s black population. Despite black HIV/AIDS mortality rates decreasing significantly since the 1993-1997 peak, their 2011-2015 mortality rate of 13.2 deaths per 100,000 population was more than 10 times that of whites. Though they made up only 22 percent of the total Delaware population in 2011-2015, black decedents accounted for 76 percent of all deaths due to HIV/AIDS.

**Figure 53. Five-year Age-Adjusted HIV/AIDS Mortality Rates by Race, Delaware, 1990-2015**

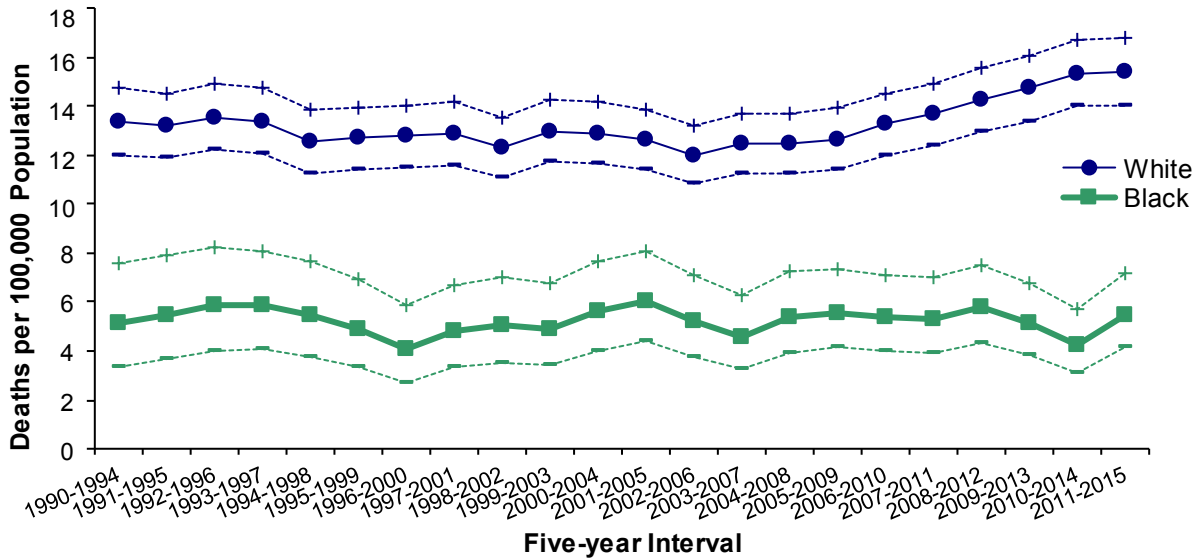


In 2011-2015, HIV was the tenth leading cause of death for black Delawareans; it ranked ninth for black males and twelfth for black females.

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

Suicide mortality trends for white populations increased 16 percent between 1990-1994 and 2011-2015, with the white rate (15.4 deaths per 100,000 population) nearly triple the black rate (5.5 deaths per 100,000 population).

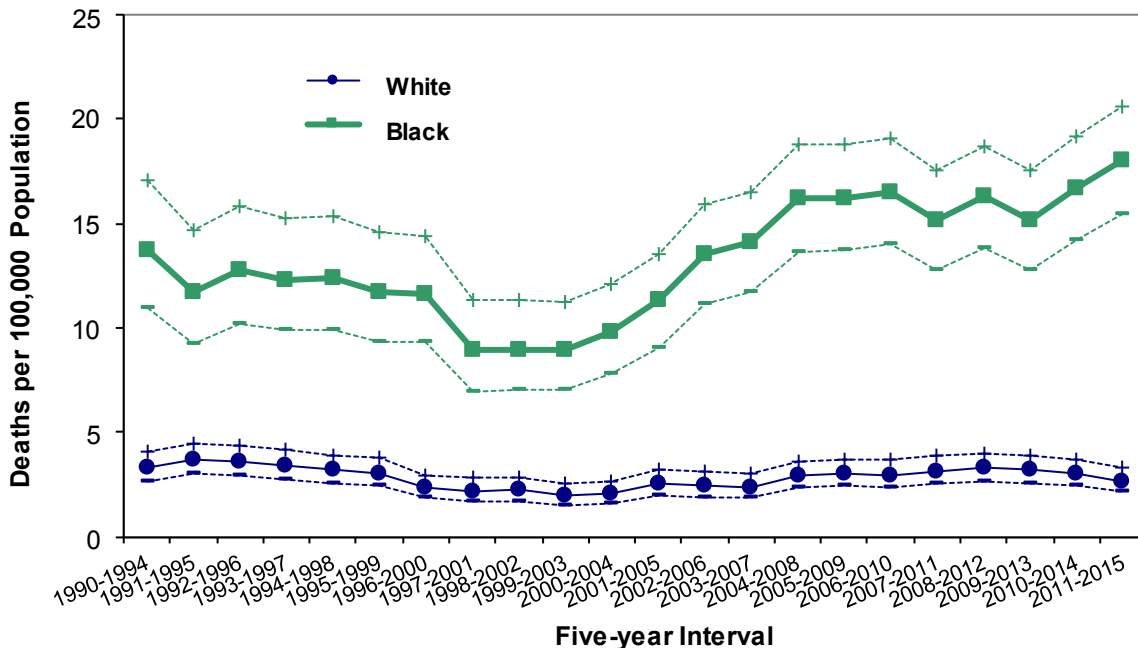
**Figure 54. Five-year Age-Adjusted Suicide Mortality Rates by Race, Delaware, 1990-2015**



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

After declining throughout most of the 1990s and reaching their lowest point in 1999-2003, homicide mortality rates have risen 86.4 percent to 6.6 deaths per 100,000 population in 2011-2015. During the same time period, the black homicide rate increased 102 percent to 18.0 and the white homicide mortality rate increased 33 percent to 2.7 deaths per 100,000 population.

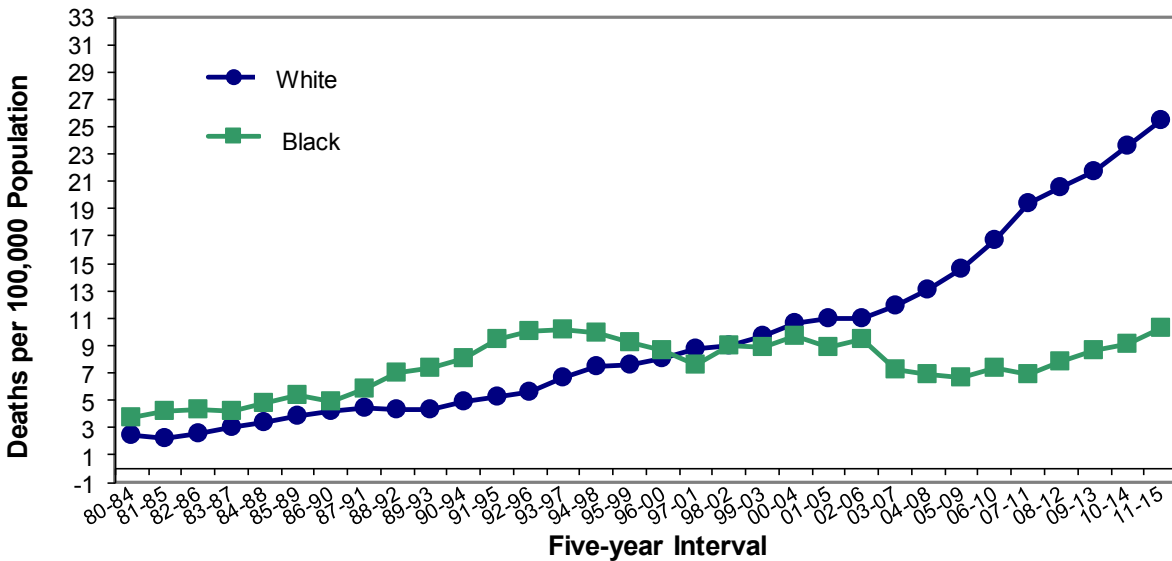
**Figure 55. Five-year Age-Adjusted Homicide Mortality Rates by Race, Delaware, 1990-2015**



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

Though black mortality rates for drug-induced deaths were historically higher than white rates, in 1994-1998 they began a four-year decline that moved them just below the white rates by 1997-2001. Since then, white mortality rates remained higher and continued to rise. By 2011-2015, the white drug-induced mortality rate (25.4 deaths per 100,000 population) was more than twice the black rate (10.3).

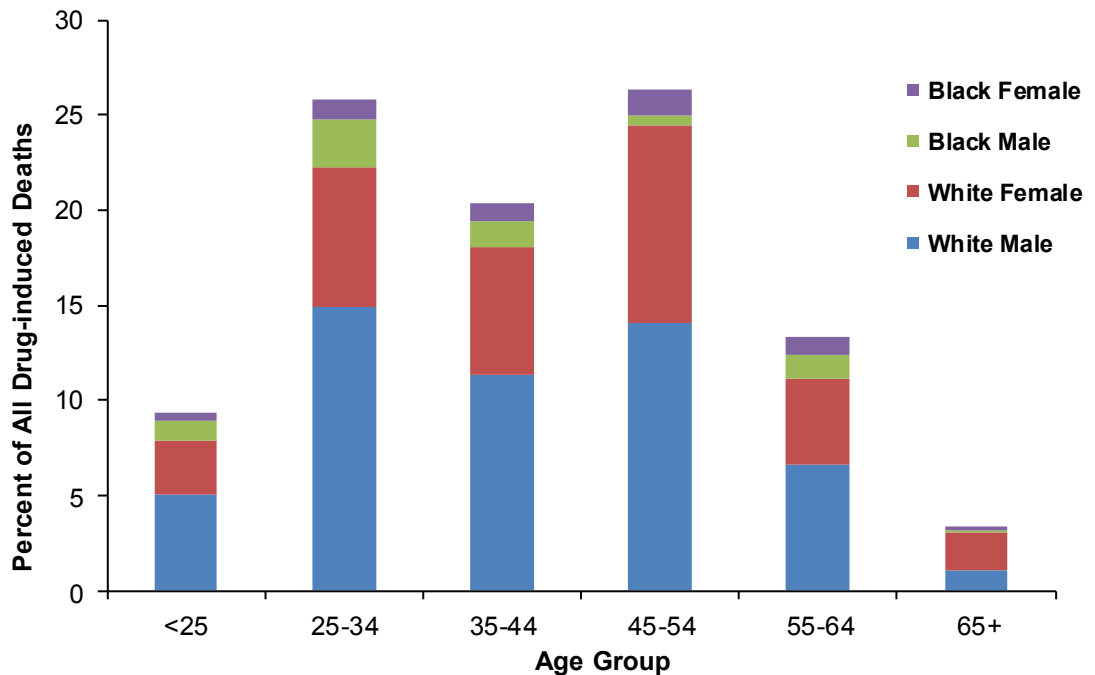
**Figure 56. Five-year Age-adjusted Mortality Rates for Drug-Induced Deaths by Race, Delaware, 1980-2015**



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

The white population has a significantly higher percentage of drug-induced deaths than the black population. In 2011-2015, 53 percent of all drug-induced deaths were white males. Of those deaths, 29 percent were white males ages 25-34 and 45-54. White females ages 45-54 accounted for 10.4 percent of drug-induced deaths. In contrast, black males ages 25-34 and 45-54, and black females ages 45-54 were only 4 percent of the drug-induced deaths.

**Figure 57. Distribution of Drug-induced Deaths by Race, Sex, and Age Group, Delaware, 2011-2015**



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

**TABLE F-1. NUMBER OF DEATHS BY RACE, COUNTIES, CITY OF WILMINGTON, U.S., AND DELAWARE, 2002-2015**

Area/ Race	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>U.S.</b>														
All Races	2443387	2448288	2397615	2448017	2426264	2423712	2471984	2437163	2468435	2515458	2543279	2596993	2626418	2712630
White	2102589	2103714	2056643	2098097	2077549	2074151	2120233	2086355	2114749	2156077	2175178	2217103	2237880	2306861
Black	290051	291300	287315	292808	289971	289585	289072	286623	286959	290100	295222	302969	308960	320072
Other	50747	53274	53657	57112	58744	59976	62679	64185	66727	69281	72879	76921	79578	85697
<b>Delaware</b>														
All Races	6860	7067	7124	7424	7144	7246	7602	7498	7667	7816	7873	7967	8252	8580
White	5694	5782	5862	6129	5856	5985	6309	6113	6274	6412	6348	6498	6677	6883
Black	1111	1241	1204	1235	1225	1181	1217	1270	1258	1256	1392	1295	1435	1443
Other	55	44	58	60	63	80	76	115	135	148	133	174	140	254
<b>Kent</b>														
All Races	1113	1114	1154	1250	1219	1255	1367	1379	1345	1368	1462	1422	1524	1592
White	916	878	948	1017	967	1018	1133	1096	1080	1092	1159	1128	1196	1232
Black	187	224	193	224	234	219	220	263	231	239	273	250	299	304
Other	10	12	13	9	18	18	14	20	34	37	30	44	29	56
<b>New Castle</b>														
All Races	3996	4129	4146	4229	4039	4101	4290	4100	4221	4394	4260	4338	4334	4547
White	3244	3299	3324	3381	3212	3294	3441	3234	3316	3486	3270	3392	3354	3476
Black	718	809	793	809	794	771	802	799	828	820	909	847	901	909
Other	34	21	29	39	33	36	47	67	77	88	81	99	79	162
<b>Wilmington</b>														
All Races	779	843	782	765	728	705	726	692	713	697	691	651	729	666
White	392	413	358	362	337	345	334	329	294	320	297	273	326	277
Black	380	430	419	401	385	359	389	360	406	362	383	364	395	359
Other	7	0	5	2	6	1	3	3	13	15	11	14	8	30
<b>Balance of NC County</b>														
All Races	3217	3286	3364	3464	3311	3396	3564	3408	3508	3697	3569	3687	3605	3881
White	2852	2886	2966	3019	2875	2949	3107	2905	3022	3166	2973	3119	3028	3199
Black	338	379	374	408	409	412	413	439	422	458	526	483	506	550
Other	27	21	24	37	27	35	44	64	64	73	70	85	71	132
<b>Sussex</b>														
All Races	1751	1824	1824	1945	1886	1890	1945	2019	2101	2054	2151	2207	2394	2441
White	1534	1605	1590	1731	1677	1673	1735	1783	1878	1834	1919	1978	2127	2175
Black	206	208	218	202	197	191	195	208	199	197	210	198	235	230
Other	11	11	16	12	12	26	15	28	24	23	22	31	32	36

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

**TABLE F-2. NUMBER OF DEATHS BY AGE, RACE, AND HISPANIC ORIGIN, COUNTIES, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Age	Race								All Other	Hispanic Origin <sup>2</sup>
	All Races	White	Black	American Indian <sup>1</sup>	Asian or Pacific Islander (API)			Other		
					Chinese	Japanese	Filipino	Other API		
<b>Delaware</b>	8580	6883	1443	18	10	4	7	52	163	217
<1	100	44	39	0	0	0	0	2	15	18
1-4	13	7	5	0	0	0	0	0	1	1
5-14	9	5	2	0	0	0	0	0	2	1
15-24	90	43	40	0	0	0	0	0	7	8
25-34	180	121	51	0	0	0	1	2	5	10
35-44	230	160	57	0	0	0	2	1	10	12
45-54	547	377	140	1	3	0	1	4	21	26
55-64	1115	835	251	4	0	0	0	6	19	27
65-74	1605	1267	290	4	1	0	1	10	32	39
75+	4691	4024	568	9	6	4	2	27	51	75
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	1592	1232	304	7	3	2	2	3	39	49
<1	23	9	9	0	0	0	0	0	5	5
1-4	4	4	0	0	0	0	0	0	0	0
5-14	4	3	0	0	0	0	0	0	1	1
15-24	16	10	5	0	0	0	0	0	1	0
25-34	44	29	11	0	0	0	1	0	3	6
35-44	36	31	4	0	0	0	0	0	1	1
45-54	110	78	27	1	1	0	0	1	2	6
55-64	244	184	50	3	0	0	0	0	7	7
65-74	327	238	85	1	0	0	1	1	1	4
75+	784	646	113	2	2	2	0	1	18	19
Unknown	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	4547	3476	909	0	7	1	5	45	104	139
<1	54	21	24	0	0	0	0	2	7	8
1-4	6	1	4	0	0	0	0	0	1	1
5-14	2	0	1	0	0	0	0	0	1	0
15-24	62	26	30	0	0	0	0	0	6	7
25-34	106	65	37	0	0	0	0	2	2	4
35-44	140	87	42	0	0	0	2	1	8	9
45-54	322	205	95	0	2	0	1	3	16	19
55-64	585	407	162	0	0	0	0	5	11	19
65-74	780	579	168	0	1	0	0	8	24	26
75+	2490	2085	346	0	4	1	2	24	28	46
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Wilmington</b>	666	277	359	0	0	0	0	2	28	37
<1	10	3	4	0	0	0	0	0	3	3
1-4	1	0	1	0	0	0	0	0	0	0
5-14	1	0	1	0	0	0	0	0	0	0
15-24	20	2	16	0	0	0	0	0	2	2
25-34	24	3	21	0	0	0	0	0	0	1
35-44	21	7	14	0	0	0	0	0	0	1
45-54	54	17	32	0	0	0	0	0	5	6
55-64	103	30	70	0	0	0	0	0	3	2
65-74	106	48	53	0	0	0	0	0	5	9
75+	326	167	147	0	0	0	0	2	10	13
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Balance of NC County</b>	3881	3199	550	0	7	1	5	43	76	102
<1	44	18	20	0	0	0	0	2	4	5
1-4	5	1	3	0	0	0	0	0	1	1
5-14	1	0	0	0	0	0	0	0	1	0
15-24	42	24	14	0	0	0	0	0	4	5
25-34	82	62	16	0	0	0	0	2	2	3
35-44	119	80	28	0	0	0	2	1	8	8
45-54	268	188	63	0	2	0	1	3	11	13
55-64	482	377	92	0	0	0	0	5	8	17
65-74	674	531	115	0	1	0	0	8	19	17
75+	2164	1918	199	0	4	1	2	22	18	33
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	2441	2175	230	11	0	1	0	4	20	29
<1	23	14	6	0	0	0	0	0	3	5
1-4	3	2	1	0	0	0	0	0	0	0
5-14	3	2	1	0	0	0	0	0	0	0
15-24	12	7	5	0	0	0	0	0	0	1
25-34	30	27	3	0	0	0	0	0	0	0
35-44	54	42	11	0	0	0	0	0	1	2
45-54	115	94	18	0	0	0	0	0	3	1
55-64	286	244	39	1	0	0	0	1	1	1
65-74	498	450	37	3	0	0	0	1	7	9
75+	1417	1293	109	7	0	1	0	2	5	10
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 Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE F-3. NUMBER OF DEATHS BY AGE AND RACE, COUNTIES, CITY OF WILMINGTON, AND DELAWARE, 2015**  
**BOTH SEXES**

Area/ Race	Age of Decedent											Unk				
	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74		75+			
<b>Delaware</b>																
All Races	100	13	3	6	26	64	180	230	547	1115	1605	4691	0			
White	44	7	1	4	12	31	121	160	377	835	1267	4024	0			
Black	39	5	1	1	13	27	51	57	140	251	290	568	0			
Other	17	1	1	1	1	6	8	13	30	29	48	99	0			
<b>Kent</b>																
All Races	23	4	0	4	6	10	44	36	110	244	327	784	0			
White	9	4	0	3	3	7	29	31	78	184	238	646	0			
Black	304	0	0	0	3	2	11	4	27	50	85	113	0			
Other	56	0	0	1	0	1	4	1	5	10	4	25	0			
<b>New Castle</b>																
All Races	54	6	1	1	18	44	106	140	322	585	780	2490	0			
White	21	1	0	0	7	19	65	87	205	407	579	2085	0			
Black	909	4	0	1	10	20	37	42	95	162	168	346	0			
Other	162	1	1	0	1	5	4	11	22	16	33	59	0			
<b>Wilmington</b>																
All Races	10	1	0	1	8	12	24	21	54	103	106	326	0			
White	3	0	0	0	1	1	3	7	17	30	48	167	0			
Black	4	1	0	1	7	9	21	14	32	70	53	147	0			
Other	3	0	0	0	0	2	0	0	5	3	5	12	0			
<b>Balance of NC County</b>																
All Races	3881	5	1	0	10	32	82	119	268	482	674	2164	0			
White	3199	18	0	0	6	18	62	80	188	377	531	1918	0			
Black	550	20	0	0	3	11	16	28	63	92	115	199	0			
Other	132	6	1	0	1	3	4	11	17	13	28	47	0			
<b>Sussex</b>																
All Races	2441	3	2	1	2	10	30	54	115	286	498	1417	0			
White	2175	14	1	1	2	5	27	42	94	244	450	1293	0			
Black	230	6	1	0	0	5	3	11	18	39	37	109	0			
Other	36	0	0	0	0	0	0	1	3	3	11	15	0			

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

**TABLE F-4. NUMBER OF DEATHS BY AGE AND RACE, COUNTIES, CITY OF WILMINGTON, AND DELAWARE, 2015**

**MALES**

Area/ Race	Age of Decedent											Unk				
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+		
<b>Delaware</b>																
All Races	4371	54	6	2	2	25	49	119	132	323	682	910	2067	0		
White	3523	19	4	1	0	11	25	79	95	244	516	738	1791	0		
Black	705	23	1	0	1	13	21	36	31	60	144	146	229	0		
Other	143	12	1	1	1	1	3	4	6	19	22	26	47	0		
<b>Kent</b>																
All Races	808	14	2	0	1	6	7	23	21	65	145	174	350	0		
White	648	4	2	0	0	3	6	17	17	53	115	135	296	0		
Black	139	6	0	0	0	3	1	5	4	10	24	38	48	0		
Other	21	4	0	0	1	0	0	1	0	2	6	1	6	0		
<b>New Castle</b>																
All Races	2275	28	3	1	1	18	35	71	82	190	356	424	1066	0		
White	1726	9	1	0	0	7	15	38	52	133	246	323	902	0		
Black	450	13	1	0	1	10	17	30	24	42	97	84	131	0		
Other	99	6	1	1	0	1	3	3	6	15	13	17	33	0		
<b>Wilmington</b>																
All Races	312	5	1	0	1	8	9	18	14	32	63	53	108	0		
White	115	2	0	0	0	1	1	2	4	10	19	24	52	0		
Black	178	1	1	0	1	7	7	16	10	17	43	27	48	0		
Other	19	2	0	0	0	0	1	0	0	5	1	2	8	0		
<b>Balance of NC County</b>																
All Races	1963	23	2	1	0	10	26	53	68	158	293	371	958	0		
White	1611	7	1	0	0	6	14	36	48	123	227	299	850	0		
Black	272	12	0	0	0	3	10	14	14	25	54	57	83	0		
Other	80	4	1	1	0	1	2	3	6	10	12	15	25	0		
<b>Sussex</b>																
All Races	1288	12	1	1	0	1	7	25	29	68	181	312	651	0		
White	1149	6	1	1	0	1	4	24	26	58	155	280	593	0		
Black	116	4	0	0	0	0	3	1	3	8	23	24	50	0		
Other	23	2	0	0	0	0	0	0	0	2	3	8	8	0		

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

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

**2015 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
<b>Delaware</b>	4209	46	7	1	4	1	15	61	98	224	433	695	2624	0
All Races	3360	25	3	0	4	1	6	42	65	133	319	529	2233	0
White	738	16	4	1	0	0	6	15	26	80	107	144	339	0
Black	111	5	0	0	0	0	3	4	7	11	7	22	52	0
Other														
<b>Kent</b>	784	9	2	0	3	0	3	21	15	45	99	153	434	0
All Races	584	5	2	0	3	0	1	12	14	25	69	103	350	0
White	165	3	0	0	0	0	1	6	0	17	26	47	65	0
Black	35	1	0	0	0	0	1	3	1	3	4	3	19	0
Other														
<b>New Castle</b>	2272	26	3	0	0	0	9	35	58	132	229	356	1424	0
All Races	1750	12	0	0	0	0	4	27	35	72	161	256	1183	0
White	459	11	3	0	0	0	3	7	18	53	65	84	215	0
Black	63	3	0	0	0	0	2	1	5	7	3	16	26	0
Other														
<b>Wilmington</b>	354	5	0	0	0	0	3	6	7	22	40	53	218	0
All Races	162	1	0	0	0	0	0	1	3	7	11	24	115	0
White	181	3	0	0	0	0	2	5	4	15	27	26	99	0
Black	11	1	0	0	0	0	1	0	0	0	2	3	4	0
Other														
<b>Balance of NC County</b>	1918	21	3	0	0	0	6	29	51	110	189	303	1206	0
All Races	1588	11	0	0	0	0	4	26	32	65	150	232	1068	0
White	278	8	3	0	0	0	1	2	14	38	38	58	116	0
Black	52	2	0	0	0	0	1	1	5	7	1	13	22	0
Other														
<b>Sussex</b>	1153	11	2	1	1	1	3	5	25	47	105	186	766	0
All Races	1026	8	1	0	1	1	1	3	16	36	89	170	700	0
White	114	2	1	1	0	0	2	2	8	10	16	13	59	0
Black	13	1	0	0	0	0	0	0	1	1	0	3	7	0
Other														

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



**TABLE F-6. MORTALITY TRENDS BY RACE, ETHNICITY, GENDER, AND AGE, DELAWARE, 2005-2015**

CHARACTERISTIC	Year										
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Resident Deaths</b>											
Number	7424	7144	7246	7602	7498	7667	7816	7873	7967	8252	8580
Crude Rate	878.4	831.4	831.2	860.1	840.8	852.1	861.7	860.8	862.5	884.3	909.8
AADR <sup>2</sup>	818.1	762.7	748.3	760.5	730.8	727.8	726.4	709.7	696.6	703.3	713.5
<b>Decedent's Race/Ethnicity</b>											
White											
Number	6129	5856	5985	6309	6113	6274	6412	6348	6498	6677	6883
Percent	82.6%	82.0%	82.6%	83.0%	81.5%	81.8%	82.0%	80.6%	81.6%	80.9%	80.2%
AADR <sup>2</sup>	794.6	741.0	734.8	753.4	713.6	718.2	721.8	695.3	692.4	693.7	700.4
Black											
Number	1235	1225	1181	1217	1270	1258	1256	1392	1295	1435	1443
Percent	16.6%	17.1%	16.3%	16.0%	16.9%	16.4%	16.1%	17.7%	16.3%	17.4%	16.8%
AADR <sup>2</sup>	1024.3	943.9	889.2	860.7	866.5	834.4	795.7	858.5	769.4	843.9	814.0
Hispanic <sup>1</sup>											
Number	121	126	178	189	164	142	144	148	200	234	217
Percent	1.6%	1.8%	2.5%	2.5%	2.2%	1.9%	1.8%	1.9%	2.5%	2.8%	2.5%
AADR <sup>2</sup>	624.5	485.8	775.5	789.6	691.0	550.0	536.1	504.9	706.3	824.4	690.6
<b>Decedent's Gender</b>											
Female											
Number	3746	3590	3614	3850	3782	3802	3946	4015	3936	4062	4209
Percent	50.5%	50.3%	49.9%	50.6%	50.4%	49.6%	50.5%	51.0%	49.4%	49.2%	49.1%
AADR <sup>2</sup>	651.9	647.3	630.3	651.9	624.0	610.8	625.0	613.9	588.0	591.9	600.7
Male											
Number	3678	3554	3632	3752	3716	3865	3870	3858	4031	4190	4371
Percent	49.5%	49.7%	50.1%	49.4%	49.6%	50.4%	49.5%	49.0%	50.6%	50.8%	50.9%
AADR <sup>2</sup>	894.3	905.9	893.5	894.3	860.2	869.9	849.7	826.0	830.3	842.0	850.1
<b>Decedent's age</b>											
<1											
Number	106	99	91	101	91	88	98	84	68	74	100
Percent	1.4%	1.4%	1.3%	1.3%	1.2%	1.1%	1.3%	1.1%	0.9%	0.9%	1.2%
1-14											
Number	26	20	15	23	27	18	28	30	29	22	22
Percent	0.4%	0.3%	0.2%	0.3%	0.4%	0.2%	0.4%	0.4%	0.4%	0.3%	0.3%
15-24											
Number	78	92	88	91	92	97	86	89	82	88	90
Percent	1.1%	1.3%	1.2%	1.2%	1.2%	1.3%	1.1%	1.1%	1.0%	1.1%	1.0%
25-44											
Number	375	427	385	400	359	362	356	388	359	375	410
Percent	5.1%	6.0%	5.3%	5.3%	4.8%	4.7%	4.6%	4.9%	4.5%	4.5%	4.8%
45-64											
Number	1406	1410	1418	1552	1529	1578	1579	1620	1739	1610	1662
Percent	18.9%	19.7%	19.6%	20.4%	20.4%	20.6%	20.2%	20.6%	21.8%	19.5%	19.4%
65-74											
Number	1272	1232	1238	1276	1313	1307	1357	1325	1385	1546	1605
Percent	17.1%	17.2%	17.1%	16.8%	17.5%	17.0%	17.4%	16.8%	17.4%	18.7%	18.7%
75-84											
Number	2160	1960	2022	2043	1944	1976	2077	1897	1931	2048	2097
Percent	29.1%	27.4%	27.9%	26.9%	25.9%	25.8%	26.6%	24.1%	24.2%	24.8%	24.4%
85+											
Number	2001	1904	1985	2116	2143	2241	2235	2440	2374	2489	2594
Percent	27.0%	26.7%	27.4%	27.8%	28.6%	29.2%	28.6%	31.0%	29.8%	30.2%	30.2%

**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 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, 2015**

Cause of Death <sup>1</sup>	Deaths		Median Age at Death	
	Number	Percent	Male	Female
<b>All causes</b>	8,580	100.0	73	80
<b>Malignant neoplasms</b>	2,011	23.4	73	72
<b>Diseases of heart</b>	1,930	22.5	77	84
<b>Chronic lower respiratory diseases</b>	507	5.9	77	79
<b>Cerebrovascular diseases</b>	469	5.5	81	86
<b>Accidents (unintentional injuries)</b>	457	5.3	47	52
<b>Dementia</b>	456	5.3	86	89
<b>Alzheimer's disease</b>	266	3.1	85	89
<b>Diabetes mellitus</b>	212	2.5	69	74
<b>Influenza &amp; pneumonia</b>	193	2.2	82	87
<b>Nephritis, nephrotic syndrome &amp; nephrosis</b>	175	2.0	75	77
<b>Septicemia</b>	146	1.7	78	76
<b>Intentional self-harm (suicide)</b>	122	1.4	43	46
<b>Chronic liver disease &amp; cirrhosis</b>	111	1.3	60	63
<b>Other diseases of respiratory system</b>	96	1.1	72	82
<b>Parkinson's disease</b>	83	1.0	82	85
<b>Other diseases of circulatory system</b>	74	0.9	72	88
<b>Pneumonitis due to solids &amp; liquids</b>	73	0.9	83	89
<b>Certain conditions originating in the perinatal period</b>	67	0.8	0	0
<b>Assault (homicide)</b>	66	0.8	29	34
<b>Essential (primary) hypertension &amp; hypertensive renal disease</b>	63	0.7	77	91
<b>Alcohol-induced deaths<sup>2</sup></b>	80	0.9	54	53
<b>Drug-induced deaths<sup>2</sup></b>	216	2.5	38	42

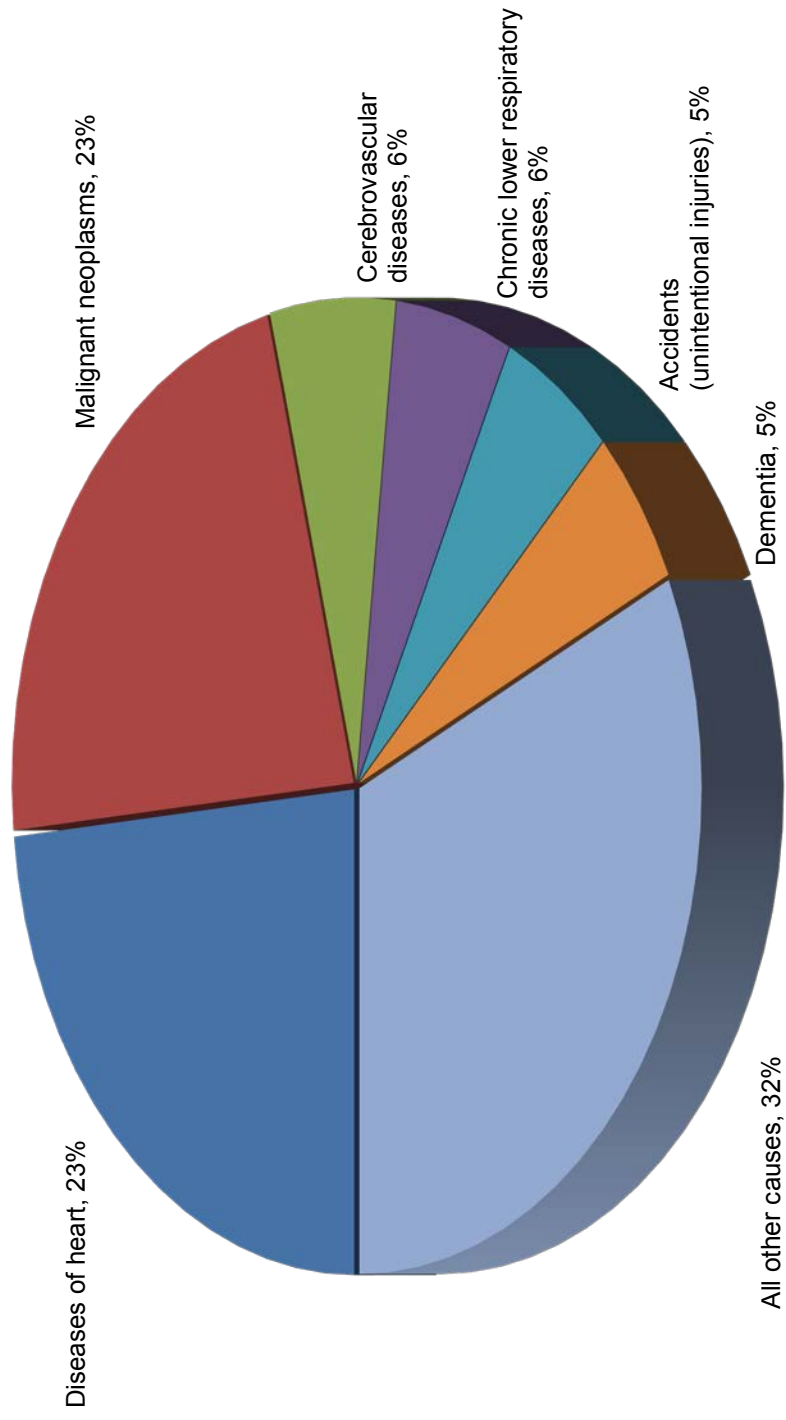
*Notes:*

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

2. Included in selected categories.

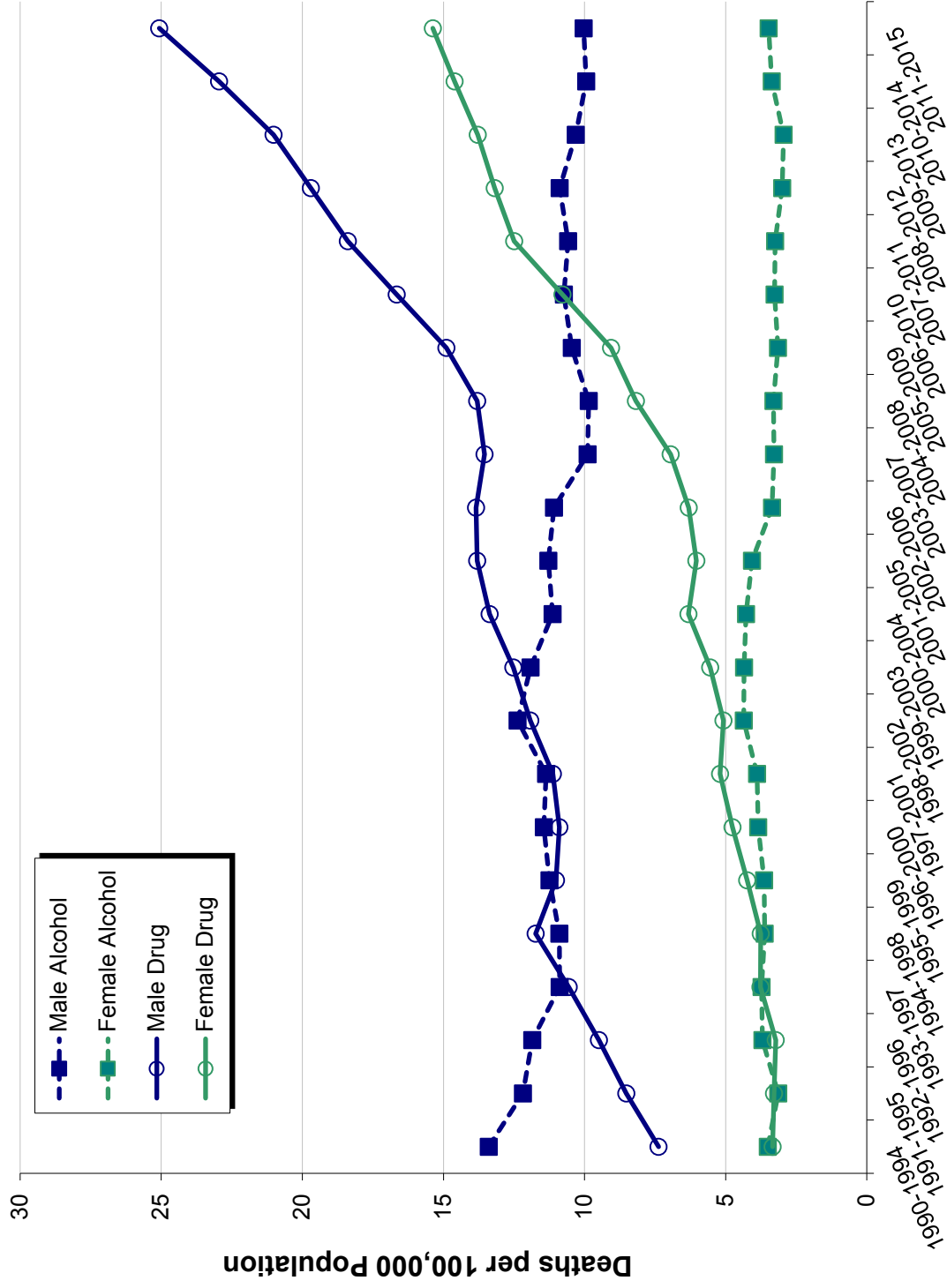
*Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

**Figure F-1. Leading Causes of Death, Delaware, 2015**



Source: Delaware 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, 1990-2015**



Source: Delaware 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, 2011-2015**

**Kent**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1816	24.6
Diseases of heart	1720	23.3
Chronic lower respiratory diseases	444	6.0
Accidents (unintentional injuries)	386	5.2
Cerebrovascular diseases	348	4.7
Diabetes mellitus	196	2.7
Alzheimer's disease	187	2.5
Nephritis, nephrotic syndrome & nephrosis	154	2.1
Septicemia	151	2.0
Influenza & pneumonia	130	1.8
Intentional self-harm (suicide)	120	1.6
Chronic liver disease & cirrhosis	85	1.2
Essential (primary) hypertension & hypertensive renal disease	59	0.8
In situ neoplasms, benign neoplasms & neoplasms of uncertain behavior	56	0.8
Parkinson's disease	54	0.7
Assault (homicide)	43	0.6
All other causes	1419	19.3
<b>Total</b>	<b>7368</b>	<b>100.0</b>

**New Castle**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5138	23.5
Diseases of heart	4691	21.4
Cerebrovascular diseases	1283	5.9
Chronic lower respiratory diseases	1177	5.4
Accidents (unintentional injuries)	1121	5.1
Diabetes mellitus	612	2.8
Alzheimer's disease	549	2.5
Nephritis, nephrotic syndrome & nephrosis	468	2.1
Influenza & pneumonia	441	2.0
Septicemia	344	1.6
Intentional self-harm (suicide)	342	1.6
Parkinson's disease	224	1.0
Chronic liver disease & cirrhosis	223	1.0
Assault (homicide)	222	1.0
Certain conditions originating in the perinatal period	190	0.9
Pneumonitis due to solids & liquids	161	0.7
All other causes	4687	21.4
<b>Total</b>	<b>21873</b>	<b>100.0</b>

**City of Wilmington**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	719	20.9
Diseases of heart	710	20.7
Cerebrovascular diseases	196	5.7
Accidents (unintentional injuries)	180	5.2
Chronic lower respiratory diseases	158	4.6
Diabetes mellitus	124	3.6
Assault (homicide)	109	3.2
Nephritis, nephrotic syndrome & nephrosis	83	2.4
Human immunodeficiency virus (HIV) disease	77	2.2
Alzheimer's disease	70	2.0
Septicemia	57	1.7
Certain conditions originating in the perinatal period	53	1.5
Influenza & pneumonia	50	1.5
Chronic liver disease & cirrhosis	46	1.3
Intentional self-harm (suicide)	38	1.1
Essential (primary) hypertension & hypertensive renal disease	37	1.1
All other causes	727	21.2
<b>Total</b>	<b>3434</b>	<b>100.0</b>

**Sussex**

Cause of Death*	Deaths	
	#	%
Diseases of heart	2882	25.6
Malignant neoplasms	2764	24.6
Chronic lower respiratory diseases	708	6.3
Cerebrovascular diseases	508	4.5
Accidents (unintentional injuries)	499	4.4
Alzheimer's disease	327	2.9
Diabetes mellitus	313	2.8
Nephritis, nephrotic syndrome & nephrosis	203	1.8
Influenza & pneumonia	179	1.6
Septicemia	179	1.6
Chronic liver disease & cirrhosis	162	1.4
Intentional self-harm (suicide)	138	1.2
Parkinson's disease	120	1.1
Essential (primary) hypertension & hypertensive renal disease	83	0.7
Pneumonitis due to solids & liquids	77	0.7
In situ neoplasms, benign neoplasms & neoplasms of uncertain behavior	69	0.6
All other causes	2036	18.1
<b>Total</b>	<b>11247</b>	<b>100.0</b>

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 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, 2011-2015**

**All Races, Male**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5001	24.6
Diseases of heart	4896	24.1
Accidents (unintentional injuries)	1271	6.3
Chronic lower respiratory diseases	1047	5.2
Cerebrovascular diseases	894	4.4
Diabetes mellitus	596	2.9
Intentional self-harm (suicide)	457	2.2
Nephritis, nephrotic syndrome & nephrosis	413	2.0
Influenza & pneumonia	345	1.7
Alzheimer's disease	336	1.7
All other causes	5064	24.9
<b>Total</b>	<b>20320</b>	<b>100.0</b>

**All Races, Female**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4717	23.4
Diseases of heart	4397	21.8
Chronic lower respiratory diseases	1282	6.4
Cerebrovascular diseases	1245	6.2
Accidents (unintentional injuries)	735	3.6
Alzheimer's disease	727	3.6
Diabetes mellitus	525	2.6
Nephritis, nephrotic syndrome & nephrosis	412	2.0
Influenza & pneumonia	405	2.0
Septicemia	358	1.8
All other causes	5365	26.6
<b>Total</b>	<b>20168</b>	<b>100.0</b>

**White, Both Sexes**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	7891	24.0
Diseases of heart	7663	23.3
Chronic lower respiratory diseases	2052	6.3
Cerebrovascular diseases	1715	5.2
Accidents (unintentional injuries)	1657	5.0
Alzheimer's disease	909	2.8
Diabetes mellitus	781	2.4
Influenza & pneumonia	640	2.0
Nephritis, nephrotic syndrome & nephrosis	588	1.8
Septicemia	537	1.6
All other causes	8385	25.6
<b>Total</b>	<b>32818</b>	<b>100.0</b>

**Black, Both Sexes**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1620	23.8
Diseases of heart	1458	21.4
Cerebrovascular diseases	369	5.4
Diabetes mellitus	313	4.6
Accidents (unintentional injuries)	288	4.2
Chronic lower respiratory diseases	255	3.7
Nephritis, nephrotic syndrome & nephrosis	218	3.2
Assault (homicide)	195	2.9
Alzheimer's disease	136	2.0
Human immunodeficiency virus (HIV) disease	135	2.0
All other causes	1834	26.9
<b>Total</b>	<b>6821</b>	<b>100.0</b>

**Hispanic, Both Sexes**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	194	20.6
Diseases of heart	164	17.4
Accidents (unintentional injuries)	88	9.3
Cerebrovascular diseases	55	5.8
Certain conditions originating in the perinatal period	41	4.3
Diabetes mellitus	33	3.5
Chronic lower respiratory diseases	31	3.3
Intentional self-harm (suicide)	21	2.2
Chronic liver disease & cirrhosis	21	2.2
Assault (homicide)	19	2.0
All other causes	276	29.3
<b>Total</b>	<b>943</b>	<b>100.0</b>

*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 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, 2011-2015**

**White Male**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4123	25.0
Diseases of heart	4075	24.8
Accidents (unintentional injuries)	1040	6.3
Chronic lower respiratory diseases	908	5.5
Cerebrovascular diseases	700	4.3
Diabetes mellitus	429	2.6
Intentional self-harm (suicide)	402	2.4
Influenza & pneumonia	297	1.8
Nephritis, nephrotic syndrome & nephrosis	293	1.8
Alzheimer's disease	293	1.8
All other causes	3901	23.7
<b>Total</b>	<b>16461</b>	<b>100.0</b>

**White Females**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	3768	23.0
Diseases of heart	3588	21.9
Chronic lower respiratory diseases	1144	7.0
Cerebrovascular diseases	1015	6.2
Accidents (unintentional injuries)	617	3.8
Alzheimer's disease	616	3.8
Diabetes mellitus	352	2.2
Influenza & pneumonia	343	2.1
Nephritis, nephrotic syndrome & nephrosis	295	1.8
Septicemia	278	1.7
All other causes	4341	26.5
<b>Total</b>	<b>16357</b>	<b>100.0</b>

**Black Males**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	771	22.7
Diseases of heart	723	21.2
Accidents (unintentional injuries)	198	5.8
Assault (homicide)	177	5.2
Cerebrovascular diseases	169	5.0
Diabetes mellitus	151	4.4
Chronic lower respiratory diseases	123	3.6
Nephritis, nephrotic syndrome & nephrosis	109	3.2
Human immunodeficiency virus (HIV) disease	89	2.6
Certain conditions originating in the perinatal period	75	2.2
All other causes	818	24.0
<b>Total</b>	<b>3403</b>	<b>100.0</b>

**Black Females**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	849	24.8
Diseases of heart	735	21.5
Cerebrovascular diseases	200	5.9
Diabetes mellitus	162	4.7
Chronic lower respiratory diseases	132	3.9
Nephritis, nephrotic syndrome & nephrosis	109	3.2
Alzheimer's disease	99	2.9
Accidents (unintentional injuries)	90	2.6
Septicemia	73	2.1
Certain conditions originating in the perinatal period	58	1.7
All other causes	911	26.7
<b>Total</b>	<b>3418</b>	<b>100.0</b>

**Hispanic Males**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	107	18.9
Diseases of heart	103	18.2
Accidents (unintentional injuries)	63	11.2
Cerebrovascular diseases	28	5.0
Certain conditions originating in the perinatal period	26	4.6
Diabetes mellitus	23	4.1
Chronic lower respiratory diseases	22	3.9
Assault (homicide)	16	2.8
Intentional self-harm (suicide)	15	2.7
Chronic liver disease & cirrhosis	15	2.7
All other causes	147	26.0
<b>Total</b>	<b>565</b>	<b>100.0</b>

**Hispanic Females**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	87	23.0
Diseases of heart	61	16.1
Cerebrovascular diseases	27	7.1
Accidents (unintentional injuries)	25	6.6
Certain conditions originating in the perinatal period	15	4.0
Alzheimer's disease	13	3.4
Diabetes mellitus	10	2.6
Chronic lower respiratory diseases	9	2.4
Nephritis, nephrotic syndrome & nephrosis	8	2.1
Septicemia	8	2.1
All other causes	115	30.4
<b>Total</b>	<b>378</b>	<b>100.0</b>

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

**TABLE F-11. TEN LEADING CAUSES OF DEATH BY AGE, DELAWARE, 2011-2015**

**1-4 Years**

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	12	57.1
Assault (homicide)	7	33.3
Malignant neoplasms	7	33.3
Congenital malformations, deformations, & Chronic lower respiratory diseases	5	23.8
Influenza & pneumonia	2	9.5
Diseases of heart	2	9.5
Complications of medical & surgical care	1	4.8
Nephritis, nephrotic syndrome & nephrosis	1	4.8
Pneumonitis due to solids & liquids	1	4.8
Other	21	100.0
<b>Total</b>	<b>52</b>	

**5-14 Years**

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	15	21.4
Malignant neoplasms	9	12.9
Intentional self-harm (suicide)	7	10.0
Congenital malformations, deformations, & Diseases of heart	7	10.0
Chronic lower respiratory diseases	5	7.1
Assault (homicide)	2	2.9
Certain conditions originating in the perinatal period	1	1.4
Pneumonitis due to solids & liquids	1	1.4
Cerebrovascular diseases	1	1.4
All other causes	21	30.0
<b>Total</b>	<b>70</b>	<b>100.0</b>

**15-24 Years**

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	175	40.2
Assault (homicide)	80	18.4
Intentional self-harm (suicide)	78	17.9
Diseases of heart	15	3.4
Malignant neoplasms	14	3.2
Chronic lower respiratory diseases	5	1.1
Congenital malformations, deformations, & Human immunodeficiency virus (HIV) disease	3	0.7
Septicemia	3	0.7
Complications of medical & surgical care	2	0.5
All other causes	57	13.1
<b>Total</b>	<b>435</b>	<b>100.0</b>

**25-44 Years**

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	609	32.3
Diseases of heart	240	12.7
Malignant neoplasms	198	10.5
Intentional self-harm (suicide)	185	9.8
Assault (homicide)	127	6.7
Diabetes mellitus	49	2.6
Chronic liver disease & cirrhosis	29	1.5
Human immunodeficiency virus (HIV) disease	27	1.4
Cerebrovascular diseases	26	1.4
Chronic lower respiratory diseases	20	1.1
All other causes	378	20.0
<b>Total</b>	<b>1888</b>	<b>100.0</b>

**45-64 Years**

Cause of Death*	Deaths	
	Number	Percent
Malignant neoplasms	2702	32.9
Diseases of heart	1605	19.5
Accidents (unintentional injuries)	601	7.3
Diabetes mellitus	309	3.8
Chronic lower respiratory diseases	300	3.7
Cerebrovascular diseases	270	3.3
Chronic liver disease & cirrhosis	251	3.1
Intentional self-harm (suicide)	236	2.9
Nephritis, nephrotic syndrome & nephrosis	152	1.9
Septicemia	146	1.8
All other causes	1638	20.0
<b>Total</b>	<b>8210</b>	<b>100.0</b>

**65+ Years**

Cause of Death*	Deaths	
	Number	Percent
Diseases of heart	7420	25.2
Malignant neoplasms	6788	23.1
Chronic lower respiratory diseases	2000	6.8
Cerebrovascular diseases	1837	6.2
Alzheimer's disease	1052	3.6
Diabetes mellitus	761	2.6
Nephritis, nephrotic syndrome & nephrosis	659	2.2
Influenza & pneumonia	647	2.2
Accidents (unintentional injuries)	585	2.0
Septicemia	504	1.7
All other causes	7147	24.3
<b>Total</b>	<b>29400</b>	<b>100.0</b>

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 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, 2015**

**ALL RACES, BOTH SEXES**

Cause of Death*	Age of Decedent											Unk		
	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	1931	0	0	1	0	0	1	8	35	106	221	325	1234	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	7	0	0	0	0	0	0	0	0	1	1	0	5	0
Hypertensive heart disease (I11)	96	0	0	0	0	0	1	13	17	17	11	14	40	0
Hypertensive heart and renal disease (I13)	14	0	0	0	0	0	0	0	0	0	2	1	11	0
Ischemic heart disease (I20-I25)	1174	0	0	0	0	0	1	10	65	147	211	740	0	0
All other forms of heart disease (I26-I51)	640	0	0	1	0	0	1	6	12	23	60	99	438	0
<b>Malignant neoplasms (C00-C97)</b>	2011	0	1	0	1	0	1	7	25	143	382	574	877	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	28	0	0	0	0	0	0	0	1	6	5	7	9	0
Malignant neoplasms of digestive organs (C15-C26)	486	0	0	0	0	0	0	0	4	44	112	120	206	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	579	0	0	0	0	0	0	1	6	36	100	196	240	0
Malignant neoplasms of breast (C50)	147	0	0	0	0	0	0	1	3	19	35	40	49	0
Malignant neoplasms of female genital organs, (C51-C58)	135	0	0	0	0	0	0	2	3	12	26	45	47	0
Malignant neoplasms of male genital organs, (C60-C63)	78	0	0	0	0	0	0	0	0	2	9	24	43	0
Malignant neoplasms of urinary tract (C64-C68)	117	0	0	0	0	0	0	0	0	2	22	27	66	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	38	0	1	0	0	0	0	1	1	2	10	14	9	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	189	0	0	0	0	0	0	2	2	11	23	52	99	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	214	0	0	0	0	1	0	0	5	9	40	49	109	0
<b>Cerebrovascular diseases (I60-I69)</b>	469	1	0	0	0	0	0	0	0	14	36	68	350	0

**TABLE F-12. (continued)**

**(2015 - Delaware, All Races, Both Sexes)**

	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+	
<b>Chronic lower respiratory diseases (J40-J47)</b>	507	0	0	0	0	0	1	0	1	2	14	51	135	303	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	457	4	3	0	1	8	26	80	75	85	58	34	83	0	0
Motor Vehicle Accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	130	1	0	0	0	7	10	18	27	15	24	18	10	0	0
Nontransport Accidents (W00-X59, Y86)	319	3	3	0	1	1	15	61	46	68	34	15	72	0	0
<b>Diabetes mellitus (E10-E14)</b>	212	0	0	0	0	0	0	4	7	13	48	46	94	0	0
<b>Influenza and pneumonia (J10-J18)</b>	193	0	1	0	0	0	1	1	2	9	8	32	139	0	0
<b>Alzheimer's disease (G30)</b>	266	0	0	0	0	0	0	0	0	1	3	22	240	0	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	175	0	0	0	0	0	0	1	2	8	29	39	96	0	0
<b>Septicemia (A40-A41)</b>	146	0	0	0	0	0	0	1	3	8	20	30	84	0	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	122	0	0	1	2	5	14	21	18	22	23	9	7	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	111	0	0	0	0	0	0	1	7	25	34	26	18	0	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	63	0	0	0	0	0	0	1	0	3	6	5	48	0	0
<b>Aortic aneurysm and dissection (I71)</b>	37	0	0	0	0	0	0	1	2	2	4	5	23	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	66	2	1	0	0	9	11	24	11	5	2	0	1	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	31	0	0	0	0	0	1	2	2	10	13	2	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	67	67	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	27	12	0	0	1	0	0	3	2	3	3	2	1	0	0
<b>All other causes</b>	1689	14	7	1	1	3	9	24	37	76	174	251	1092	0	0
<b>TOTAL</b>	8580	100	13	3	6	26	64	180	230	547	1115	1605	4691	0	0

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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 BY COUNTY, DELAWARE, 2015**

**KENT**

**ALL RACES, BOTH SEXES**

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	341	0	0	0	0	0	0	3	4	27	51	58	198	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Hypertensive heart disease (I11)	19	0	0	0	0	0	0	0	1	4	4	2	8	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	0	0	0	5	0
Ischemic heart disease (I20-I25)	221	0	0	0	0	0	1	2	18	33	36	131	0	0
All other forms of heart disease (I26-I51)	95	0	0	0	0	0	2	1	5	13	20	54	0	0
<b>Malignant neoplasms (C00-C97)</b>	393	0	0	0	0	0	2	4	29	82	120	156	0	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	0	0	0	0	0	0	0	4	0	2	0	0	0
Malignant neoplasms of digestive organs (C15-C26)	85	0	0	0	0	0	0	0	9	21	16	39	0	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	110	0	0	0	0	0	0	1	5	18	50	36	0	0
Malignant neoplasms of breast (C50)	38	0	0	0	0	0	1	0	4	12	9	12	0	0
Malignant neoplasms of female genital organs, (C51-C58)	27	0	0	0	0	0	0	0	0	4	16	7	0	0
Malignant neoplasms of male genital organs, (C60-C63)	18	0	0	0	0	0	0	0	1	2	5	10	0	0
Malignant neoplasms of urinary tract (C64-C68)	19	0	0	0	0	0	0	0	0	5	3	11	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	6	0	0	0	0	0	0	0	0	3	3	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	37	0	0	0	0	0	1	1	3	6	7	19	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	47	0	0	0	0	0	0	2	3	11	9	22	0	0
<b>Cerebrovascular diseases (I60-I69)</b>	79	1	0	0	0	0	0	0	1	6	18	53	0	0

TABLE F-13. (continued)

(2015 - Kent, All Races, Both Sexes)

	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)	102	0	0	0	0	0	0	0	0	0	3	12	31	56	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	92	2	1	0	1	1	5	23	14	18	10	6	11	0	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	31	0	0	0	0	1	6	3	3	6	8	3	3	0	0
Nontransport Accidents (W00-X59, Y86)	58	2	1	0	1	0	3	17	10	11	2	3	8	0	0
Diabetes mellitus (E10-E14)	42	0	0	0	0	0	2	1	1	1	8	14	16	0	0
Influenza and pneumonia (J10-J18)	24	0	1	0	0	0	0	0	0	0	3	6	14	0	0
Alzheimer's disease (G30)	52	0	0	0	0	0	0	0	0	0	0	2	50	0	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	39	0	0	0	0	0	0	0	0	0	0	10	7	22	0
Septicemia (A40-A41)	27	0	0	0	0	0	0	0	0	0	3	4	14	0	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	21	0	0	0	1	2	2	3	2	4	6	0	1	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	25	0	0	0	0	0	0	0	1	3	10	8	3	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	10	0	0	0	0	0	0	0	0	0	1	0	9	0	0
Aortic aneurysm and dissection (I71)	6	0	0	0	0	0	0	0	1	0	1	1	3	0	0
Assault (homicide) (X85-Y09, Y87.1)	11	0	0	0	0	3	0	2	2	2	1	0	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	8	0	0	0	0	0	2	2	0	2	4	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	9	4	0	0	1	0	0	1	0	2	1	0	0	0	0
All other causes	298	3	2	0	1	0	3	6	7	15	34	50	177	0	0
<b>TOTAL</b>	<b>1592</b>	<b>23</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>10</b>	<b>44</b>	<b>36</b>	<b>110</b>	<b>244</b>	<b>327</b>	<b>784</b>	<b>0</b>	<b>0</b>

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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 BY COUNTY, DELAWARE, 2015

NEW CASTLE

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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>														
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	0	0	2	0
Hypertensive heart disease (I11)	58	0	0	0	0	0	0	1	9	11	5	11	21	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	0	1	0	2	0
Ischemic heart disease (I20-I25)	576	0	0	0	0	0	0	0	7	38	70	101	360	0
All other forms of heart disease (I26-I51)	319	0	0	0	0	0	1	3	8	14	25	48	220	0
<b>Malignant neoplasms (C00-C97)</b>														
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	15	0	0	0	0	0	0	0	1	1	3	4	6	0
Malignant neoplasms of digestive organs (C15-C26)	270	0	0	0	0	0	0	0	3	28	63	58	118	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	277	0	0	0	0	0	0	1	4	21	50	82	119	0
Malignant neoplasms of breast (C50)	75	0	0	0	0	0	0	0	0	11	16	23	25	0
Malignant neoplasms of female genital organs, (C51-C58)	74	0	0	0	0	0	0	2	2	7	14	18	31	0
Malignant neoplasms of male genital organs, (C60-C63)	37	0	0	0	0	0	0	0	0	1	4	9	23	0
Malignant neoplasms of urinary tract (C64-C68)	57	0	0	0	0	0	0	0	0	0	12	12	33	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	24	0	1	0	0	0	0	1	1	1	6	8	6	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	101	0	0	0	0	0	0	1	0	7	11	29	53	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	96	0	0	0	0	0	1	0	2	4	24	22	43	0
<b>Cerebrovascular diseases (I60-I69)</b>														
	268	0	0	0	0	0	0	0	0	11	20	33	204	0

**TABLE F-14 (continued)**

**(2015 - New Castle, All Races, Both Sexes)**

	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+
<b>Chronic lower respiratory diseases (J40-J47)</b>	242	0	0	0	0	1	0	1	1	9	24	58	148	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	256	0	2	0	0	5	12	40	47	44	31	20	55	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)	58	0	0	0	0	4	4	8	16	5	6	11	4	0
Nontransport Accidents (W00-X59, Y86)	193	0	2	0	0	1	8	31	30	38	25	8	50	0
<b>Diabetes mellitus (E10-E14)</b>	107	0	0	0	0	0	0	1	5	9	33	22	37	0
<b>Influenza and pneumonia (J10-J18)</b>	126	0	0	0	0	0	1	1	2	8	4	19	91	0
<b>Alzheimer's disease (G30)</b>	142	0	0	0	0	0	0	0	0	1	2	13	126	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	97	0	0	0	0	0	0	1	0	5	17	19	55	0
<b>Septicemia (A40-A41)</b>	72	0	0	0	0	0	0	0	3	3	11	14	41	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	73	0	0	0	1	3	12	15	10	12	12	5	3	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	49	0	0	0	0	0	0	0	2	16	13	12	6	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	28	0	0	0	0	0	0	1	0	1	3	3	20	0
<b>Aortic aneurysm and dissection (I71)</b>	22	0	0	0	0	0	0	1	1	2	3	2	13	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	50	0	0	0	0	6	10	22	8	3	1	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	18	0	0	0	0	0	1	0	2	7	7	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	43	43	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	11	3	0	0	0	0	0	1	2	1	2	1	1	0
<b>All other causes</b>	958	8	3	1	0	3	6	13	20	45	98	133	628	0
<b>TOTAL</b>	4547	54	6	1	1	18	44	106	140	322	585	780	2490	0

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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, DELAWARE, 2015

CITY OF WILMINGTON  
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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	135	0	0	0	0	0	0	0	2	14	20	26	73	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)	7	0	0	0	0	0	0	0	1	4	0	1	1	0
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease (I20-I25)	83	0	0	0	0	0	0	0	0	6	13	16	48	0
All other forms of heart disease (I26-I51)	44	0	0	0	0	0	0	0	1	4	7	9	23	0
<b>Malignant neoplasms (C00-C97)</b>	127	0	0	0	0	0	0	1	1	8	28	34	55	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Malignant neoplasms of digestive organs (C15-C26)	29	0	0	0	0	0	0	0	1	1	7	8	12	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	37	0	0	0	0	0	0	1	0	3	7	13	13	0
Malignant neoplasms of breast (C50)	9	0	0	0	0	0	0	0	0	2	4	1	2	0
Malignant neoplasms of female genital organs, (C51-C58)	9	0	0	0	0	0	0	0	0	1	3	2	3	0
Malignant neoplasms of male genital organs, (C60-C63)	6	0	0	0	0	0	0	0	0	0	0	2	4	0
Malignant neoplasms of urinary tract (C64-C68)	8	0	0	0	0	0	0	0	0	0	2	0	6	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)	16	0	0	0	0	0	0	0	0	0	2	6	8	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	10	0	0	0	0	0	0	0	0	1	1	2	6	0
<b>Cerebrovascular diseases (I60-I69)</b>	39	0	0	0	0	0	0	0	0	2	5	5	27	0

TABLE F-15 (continued)

(2015 - City of Wilmington, All Races, Both Sexes)

	Age of Decedent											Unk		
	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74		75+	
<b>Chronic lower respiratory diseases (J40-J47)</b>	24	0	0	0	0	0	0	0	0	0	3	7	14	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	37	0	0	0	0	0	8	5	9	4	4	4	7	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	7	0	0	0	0	0	2	3	0	1	1	1	0	0
Nontransport Accidents (W00-X59, Y86)	28	0	0	0	0	0	6	2	8	3	2	7	0	0
<b>Diabetes mellitus (E10-E14)</b>	14	0	0	0	0	0	0	2	0	4	4	4	0	0
<b>Influenza and pneumonia (J10-J18)</b>	13	0	0	0	0	1	0	0	0	1	2	9	0	0
<b>Alzheimer's disease (G30)</b>	16	0	0	0	0	0	0	0	0	1	0	15	0	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	16	0	0	0	0	0	0	0	1	7	0	8	0	0
<b>Septicemia (A40-A41)</b>	12	0	0	0	0	0	0	1	2	1	4	4	0	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	8	0	0	0	1	0	1	0	3	2	0	1	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	11	0	0	0	0	0	0	1	4	3	3	0	0	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	6	0	0	0	0	0	1	0	0	0	0	5	0	0
<b>Aortic aneurysm and dissection (I71)</b>	6	0	0	0	0	0	0	0	1	1	0	4	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	27	0	0	0	0	6	11	3	1	0	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	8	0	0	0	0	0	0	1	3	4	0	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	9	9	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	3	1	0	0	0	0	0	1	0	0	0	1	0	0
<b>All other causes</b>	155	0	1	0	0	2	4	3	4	6	19	17	99	0
<b>TOTAL</b>	666	10	1	0	1	8	24	21	54	103	106	326	0	0

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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 BY COUNTY, DELAWARE, 2015

SUSSEX  
ALL RACES, BOTH SEXES

Cause of Death*	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	631	0	0	1	0	0	0	1	7	15	69	107	431	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)	19	0	0	0	0	0	0	0	3	2	2	1	11	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	0	1	1	4	0
Ischemic heart disease (I20-I25)	377	0	0	0	0	0	0	0	1	9	44	74	249	0
All other forms of heart disease (I26-I51)	226	0	0	1	0	0	0	1	3	4	22	31	164	0
<b>Malignant neoplasms (C00-C97)</b>	592	0	0	0	0	0	0	0	8	33	97	189	264	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	7	0	0	0	0	0	0	0	0	1	2	1	3	0
Malignant neoplasms of digestive organs (C15-C26)	131	0	0	0	0	0	0	0	1	7	28	46	49	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	192	0	0	0	0	0	0	0	1	10	32	64	85	0
Malignant neoplasms of breast (C50)	34	0	0	0	0	0	0	0	3	4	7	8	12	0
Malignant neoplasms of female genital organs, (C51-C58)	34	0	0	0	0	0	0	0	1	5	8	11	9	0
Malignant neoplasms of male genital organs, (C60-C63)	23	0	0	0	0	0	0	0	0	0	3	10	10	0
Malignant neoplasms of urinary tract (C64-C68)	41	0	0	0	0	0	0	0	0	2	5	12	22	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	8	0	0	0	0	0	0	0	0	1	1	3	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	51	0	0	0	0	0	0	0	1	1	6	16	27	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	71	0	0	0	0	0	0	0	1	2	5	18	44	0
<b>Cerebrovascular diseases (I60-I69)</b>	122	0	0	0	0	0	0	0	0	2	10	17	93	0

**TABLE F-16.(continued)**

**(2015 - Sussex, All Races, Both Sexes)**

	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)	163	0	0	0	0	0	0	0	1	2	15	46	99	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	109	2	0	0	0	2	9	17	14	23	17	8	17	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	41	1	0	0	0	2	5	4	8	4	10	4	3	0
Nontransport Accidents (W00-X59, Y86)	68	1	0	0	0	0	4	13	6	19	7	4	14	0
Diabetes mellitus (E10-E14)	63	0	0	0	0	0	0	1	1	3	7	10	41	0
Influenza and pneumonia (J10-J18)	43	0	0	0	0	0	0	0	0	1	1	7	34	0
Alzheimer's disease (G30)	72	0	0	0	0	0	0	0	0	0	1	7	64	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	39	0	0	0	0	0	0	0	2	3	2	13	19	0
Septicemia (A40-A41)	47	0	0	0	0	0	0	1	0	2	5	10	29	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	28	0	0	1	0	0	0	3	6	6	5	4	3	0
Chronic liver disease and cirrhosis (K70, K73-K74)	37	0	0	0	0	0	0	1	4	6	11	6	9	0
Essential hypertension and hypertensive renal disease (I10, I12)	25	0	0	0	0	0	0	0	0	2	2	2	19	0
Aortic aneurysm and dissection (I71)	9	0	0	0	0	0	0	0	0	0	0	2	7	0
Assault (homicide) (X85-Y09, Y87.1)	5	2	1	0	0	0	1	0	1	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	5	0	0	0	0	0	0	0	0	1	2	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	11	11	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	7	5	0	0	0	0	0	1	0	0	0	1	0	0
All other causes	433	3	2	0	0	0	0	5	10	16	42	68	287	0
<b>TOTAL</b>	<b>2441</b>	<b>23</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>30</b>	<b>54</b>	<b>115</b>	<b>286</b>	<b>498</b>	<b>1417</b>	<b>0</b>

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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, 2015**  
**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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	1039	0	0	0	0	0	1	6	21	70	150	215	576	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)	51	0	0	0	0	0	0	1	8	11	10	5	16	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	0	1	1	5	0
Ischemic heart disease (I20-I25)	681	0	0	0	0	0	0	1	7	47	108	156	362	0
All other forms of heart disease (I26-I51)	297	0	0	0	0	0	1	4	6	12	31	53	190	0
<b>Malignant neoplasms (C00-C97)</b>	1034	0	0	0	0	0	1	1	5	67	200	310	450	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	14	0	0	0	0	0	0	0	0	2	4	5	3	0
Malignant neoplasms of digestive organs (C15-C26)	273	0	0	0	0	0	0	0	0	25	70	75	103	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	323	0	0	0	0	0	0	0	2	21	57	103	140	0
Malignant neoplasms of breast (C50)	4	0	0	0	0	0	0	0	0	0	1	2	1	0
Malignant neoplasms of male genital organs, (C60-C63)	78	0	0	0	0	0	0	0	0	2	9	24	43	0
Malignant neoplasms of urinary tract (C64-C68)	85	0	0	0	0	0	0	0	0	2	14	21	48	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	24	0	0	0	0	0	0	1	1	1	5	10	6	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	109	0	0	0	0	0	0	0	1	8	16	34	50	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	124	0	0	0	0	0	1	0	1	6	24	36	56	0
<b>Cerebrovascular diseases (I60-I69)</b>	196	1	0	0	0	0	0	0	0	6	22	36	131	0

TABLE F-17 (continued)

(2015 - All Races, Male)

	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)	255	0	0	0	0	1	0	0	1	0	7	27	75	144	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	297	2	1	0	0	7	18	59	48	57	40	23	42	0	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	97	0	0	0	0	6	7	15	22	11	17	12	7	0	0
Nontransport Accidents (W00-X59, Y86)	194	2	1	0	0	1	11	43	25	44	23	10	34	0	0
Diabetes mellitus (E10-E14)	116	0	0	0	0	0	0	2	3	6	32	24	49	0	0
Influenza and pneumonia (J10-J18)	102	0	0	0	0	0	1	0	1	7	5	18	70	0	0
Alzheimer's disease (G30)	94	0	0	0	0	0	0	0	0	0	1	13	80	0	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	94	0	0	0	0	0	0	0	0	0	7	20	47	0	0
Septicemia (A40-A41)	65	0	0	0	0	0	0	1	1	2	8	13	40	0	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	87	0	0	1	1	5	11	14	13	12	19	6	5	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	75	0	0	0	0	0	0	1	5	18	23	18	10	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	27	0	0	0	0	0	0	0	0	3	5	2	17	0	0
Aortic aneurysm and dissection (I71)	22	0	0	0	0	0	0	1	2	2	4	3	10	0	0
Assault (homicide) (X85-Y09, Y87.1)	57	2	0	0	0	9	10	21	10	5	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	19	0	0	0	0	0	1	0	1	4	11	1	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	12	6	0	0	0	0	0	2	1	1	1	1	0	0	0
All other causes	745	8	5	1	1	3	6	10	21	49	114	132	395	0	0
<b>TOTAL</b>	<b>4371</b>	<b>54</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>25</b>	<b>49</b>	<b>119</b>	<b>132</b>	<b>323</b>	<b>682</b>	<b>910</b>	<b>2067</b>	<b>0</b>	<b>0</b>

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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, 2015  
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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	892	0	0	1	0	0	0	2	14	36	71	110	658	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	4	0	0	0	0	0	0	0	0	1	1	0	2	0
Hypertensive heart disease (I11)	45	0	0	0	0	0	0	0	5	6	1	9	24	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	0	1	0	6	0
Ischemic heart disease (I20-I25)	493	0	0	0	0	0	0	0	3	18	39	55	378	0
All other forms of heart disease (I26-I51)	343	0	0	1	0	0	0	2	6	11	29	46	248	0
<b>Malignant neoplasms (C00-C97)</b>	977	0	1	0	1	0	0	6	20	76	182	264	427	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	14	0	0	0	0	0	0	0	1	4	1	2	6	0
Malignant neoplasms of digestive organs (C15-C26)	213	0	0	0	0	0	0	0	4	19	42	45	103	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	256	0	0	0	0	0	0	1	4	15	43	93	100	0
Malignant neoplasms of breast (C50)	143	0	0	0	0	0	0	1	3	19	34	38	48	0
Malignant neoplasms of female genital organs, (C51-C58)	135	0	0	0	0	0	0	2	3	12	26	45	47	0
Malignant neoplasms of urinary tract (C64-C68)	32	0	0	0	0	0	0	0	0	0	8	6	18	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	14	0	1	0	0	0	0	0	0	1	5	4	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	80	0	0	0	0	0	0	2	1	3	7	18	49	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	90	0	0	0	1	0	0	0	4	3	16	13	53	0
<b>Cerebrovascular diseases (I60-I69)</b>	273	0	0	0	0	0	0	0	0	8	14	32	219	0

**TABLE F-18 (continued)**

**(2015 - All Races, Female)**

	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
<b>Chronic lower respiratory diseases (J40-J47)</b>	252	0	0	0	0	0	0	0	2	7	24	60	159	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	160	2	2	0	1	1	8	21	27	28	18	11	41	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	1	0	0	0	1	3	3	5	4	7	6	3	0
Nontransport Accidents (W00-X59, Y86)	125	1	2	0	1	0	4	18	21	24	11	5	38	0
<b>Diabetes mellitus (E10-E14)</b>	96	0	0	0	0	0	0	2	4	7	16	22	45	0
<b>Influenza and pneumonia (J10-J18)</b>	91	0	1	0	0	0	0	1	1	2	3	14	69	0
<b>Alzheimer's disease (G30)</b>	172	0	0	0	0	0	0	0	0	1	2	9	160	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	81	0	0	0	0	0	0	1	2	1	9	19	49	0
<b>Septicemia (A40-A41)</b>	81	0	0	0	0	0	0	0	2	6	12	17	44	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	35	0	0	0	1	0	3	7	5	10	4	3	2	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	36	0	0	0	0	0	0	0	2	7	11	8	8	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	36	0	0	0	0	0	0	1	0	0	1	3	31	0
<b>Aortic aneurysm and dissection (I71)</b>	15	0	0	0	0	0	0	0	0	0	0	2	13	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	9	0	1	0	0	0	1	3	1	0	2	0	1	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	12	0	0	0	0	0	0	2	1	6	2	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	32	32	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	15	6	0	0	1	0	0	1	1	2	2	1	1	0
<b>All Other Causes</b>	944	6	2	0	0	0	3	14	16	27	60	119	697	0
<b>TOTAL</b>	4209	46	7	1	4	1	15	61	98	224	433	695	2624	0

Note: \*ICD Codes, Tenth Revision.

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

**TABLE F-19. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2015**  
**WHITE, BOTH SEXES**

Cause of Death*	Age of Decedent											Unk		
	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	1577	0	0	0	0	0	0	5	24	72	158	254	1064	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	6	0	0	0	0	0	0	0	0	1	1	0	4	0
Hypertensive heart disease (I11)	65	0	0	0	0	0	0	0	8	10	8	8	31	0
Hypertensive heart and renal disease (I13)	14	0	0	0	0	0	0	0	0	0	2	1	11	0
Ischemic heart disease (I20-I25)	970	0	0	0	0	0	1	7	48	108	170	636	0	
All other forms of heart disease (I26-I51)	522	0	0	0	0	0	4	9	13	39	75	382	0	
<b>Malignant neoplasms (C00-C97)</b>	1631	0	0	0	1	0	0	5	15	98	295	465	752	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	24	0	0	0	0	0	0	0	0	5	4	6	9	0
Malignant neoplasms of digestive organs (C15-C26)	390	0	0	0	0	0	0	3	33	84	93	177	0	
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	478	0	0	0	0	0	0	2	25	80	167	204	0	
Malignant neoplasms of breast (C50)	110	0	0	0	0	0	0	2	9	26	33	40	0	
Malignant neoplasms of female genital organs, (C51-C58)	94	0	0	0	0	0	2	3	5	19	30	35	0	
Malignant neoplasms of male genital organs, (C60-C63)	57	0	0	0	0	0	0	0	2	6	17	32	0	
Malignant neoplasms of urinary tract (C64-C68)	100	0	0	0	0	0	0	0	2	19	23	56	0	
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	34	0	0	0	0	0	1	1	2	8	14	8	0	
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	151	0	0	0	0	0	2	1	9	16	37	86	0	
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	193	0	0	0	0	1	0	3	6	33	45	105	0	
<b>Cerebrovascular diseases (I60-I69)</b>	373	0	0	0	0	0	0	0	5	25	51	292	0	

**TABLE F-19 (continued)**

**(2015 - White, Both Sexes)**

	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+	
<b>Chronic lower respiratory diseases (J40-J47)</b>	447	0	0	0	0	1	0	1	1	12	45	112	275	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b> 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)	362	2	2	0	1	6	18	64	58	67	47	24	73	0
Nontransport Accidents (W00-X59, Y86)	85	1	0	0	0	5	5	11	17	6	20	10	10	0
<b>Diabetes mellitus (E10-E14)</b>	271	1	2	0	1	1	12	52	40	60	27	13	62	0
<b>Influenza and pneumonia (J10-J18)</b>	154	0	0	0	0	0	0	3	3	5	32	32	79	0
<b>Alzheimer's disease (G30)</b>	169	0	1	0	0	0	0	1	1	8	6	27	125	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	223	0	0	0	0	0	0	0	0	1	2	18	202	0
<b>Septicemia (A40-A41)</b>	115	0	0	0	0	0	0	1	1	4	13	26	70	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	112	0	0	0	0	0	0	1	1	5	17	19	69	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	96	0	0	1	1	3	10	17	17	13	22	6	6	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	96	0	0	0	0	0	0	1	7	19	28	23	18	0
<b>Aortic aneurysm and dissection (I71)</b>	53	0	0	0	0	0	0	0	0	3	4	5	41	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	34	0	0	0	0	0	0	1	1	1	4	5	22	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	13	1	0	0	0	0	0	3	3	4	1	0	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	9	0	0	0	0	0	0	0	0	2	5	1	1	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	28	28	0	0	0	0	0	0	0	0	0	0	0	0
<b>All other causes</b>	17	5	0	0	1	0	0	3	2	1	3	1	1	0
<b>TOTAL</b>	1374	8	4	0	0	2	3	15	26	57	128	198	933	0
	6883	44	7	1	4	12	31	121	160	377	835	1267	4024	0

Note: \*ICD Codes, Tenth Revision.

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



**TABLE F-20. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2015**  
**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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	852	0	0	0	0	0	0	4	16	49	110	175	498	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)	33	0	0	0	0	0	0	0	5	7	7	3	11	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	0	1	1	5	0
Ischemic heart disease (I20-I25)	573	0	0	0	0	0	1	6	37	81	129	319	0	0
All other forms of heart disease (I26-I51)	236	0	0	0	0	0	3	5	5	21	42	160	0	0
<b>Malignant neoplasms (C00-C97)</b>	867	0	0	0	0	0	1	4	57	156	254	395	0	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	13	0	0	0	0	0	0	0	2	4	4	3	0	0
Malignant neoplasms of digestive organs (C15-C26)	224	0	0	0	0	0	0	0	0	21	55	92	0	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	271	0	0	0	0	0	0	1	18	44	90	118	0	0
Malignant neoplasms of breast (C50)	3	0	0	0	0	0	0	0	0	1	1	1	0	0
Malignant neoplasms of male genital organs, (C60-C63)	57	0	0	0	0	0	0	0	2	6	17	32	0	0
Malignant neoplasms of urinary tract (C64-C68)	74	0	0	0	0	0	0	0	2	12	18	42	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	23	0	0	0	0	0	1	1	1	4	10	6	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	90	0	0	0	0	0	0	1	7	12	24	46	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	112	0	0	0	0	0	0	1	4	18	34	55	0	0
<b>Cerebrovascular diseases (I60-I69)</b>	157	0	0	0	0	0	0	0	3	16	25	113	0	0

TABLE F-20 (continued)

(2015 - White Males)

	Age of Decedent											Unk	
	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74		75+
<b>Chronic lower respiratory diseases (J40-J47)</b>	222	0	0	0	1	0	1	0	7	23	61	129	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	232	1	1	0	5	13	47	36	42	32	17	38	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	61	0	0	0	4	4	10	12	3	14	7	7	0
Nontransport Accidents (W00-X69, Y86)	167	1	1	0	1	9	36	24	38	18	9	30	0
<b>Diabetes mellitus (E10-E14)</b>	85	0	0	0	0	0	2	2	2	20	19	40	0
<b>Influenza and pneumonia (J10-J18)</b>	88	0	0	0	0	0	0	0	6	4	16	62	0
<b>Alzheimer's disease (G30)</b>	81	0	0	0	0	0	0	0	0	0	11	70	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	62	0	0	0	0	0	0	0	3	8	14	37	0
<b>Septicemia (A40-A41)</b>	50	0	0	0	0	0	1	0	1	8	10	30	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	72	0	0	1	0	3	9	11	13	9	4	4	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	66	0	0	0	0	0	1	5	15	18	17	10	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	24	0	0	0	0	0	0	0	3	3	2	16	0
<b>Aortic aneurysm and dissection (I71)</b>	20	0	0	0	0	0	1	1	1	4	3	10	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	8	1	0	0	0	0	1	2	4	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	6	0	0	0	0	0	0	0	0	4	1	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	12	12	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	8	2	0	0	0	0	2	1	1	1	1	0	0
<b>All other causes</b>	611	3	3	0	2	3	7	15	41	91	108	338	0
<b>TOTAL</b>	3523	19	4	1	11	25	79	95	244	516	738	1791	0

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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, 2015**  
**WHITE FEMALES**

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	725	0	0	0	0	0	0	1	8	23	48	79	566	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	1	1	0	1	0
Hypertensive heart disease (I11)	32	0	0	0	0	0	0	0	3	3	1	5	20	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	0	1	0	6	0
Ischemic heart disease (I20-I25)	397	0	0	0	0	0	0	1	11	11	27	41	317	0
All other forms of heart disease (I26-I51)	286	0	0	0	0	0	1	4	8	18	33	33	222	0
<b>Malignant neoplasms (C00-C97)</b>	764	0	0	0	1	0	0	4	11	41	139	211	357	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	11	0	0	0	0	0	0	0	0	3	0	2	6	0
Malignant neoplasms of digestive organs (C15-C26)	166	0	0	0	0	0	0	3	12	29	37	37	85	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	207	0	0	0	0	0	0	1	7	36	77	77	86	0
Malignant neoplasms of breast (C50)	107	0	0	0	0	0	0	2	9	25	32	32	39	0
Malignant neoplasms of female genital organs, (C51-C58)	94	0	0	0	0	0	2	3	5	19	30	30	35	0
Malignant neoplasms of urinary tract (C64-C68)	26	0	0	0	0	0	0	0	0	7	5	5	14	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	11	0	0	0	0	0	0	0	0	1	4	4	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	61	0	0	0	0	0	2	0	2	4	4	13	40	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	81	0	0	0	1	0	0	2	2	15	11	11	50	0
<b>Cerebrovascular diseases (I60-I69)</b>	216	0	0	0	0	0	0	0	0	2	9	26	179	0

TABLE F-21 (continued)

(2015 - White Females)

	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)	225	0	0	0	0	0	0	0	1	5	22	51	146	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	130	1	1	0	1	1	5	17	22	25	15	7	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)	24	1	0	0	0	1	1	1	5	3	6	3	3	0
Nontransport Accidents (W00-X59, Y86)	104	0	1	0	1	0	3	16	16	22	9	4	32	0
Diabetes mellitus (E10-E14)	69	0	0	0	0	0	0	1	1	3	12	13	39	0
Influenza and pneumonia (J10-J18)	81	0	1	0	0	0	0	1	1	2	2	11	63	0
Alzheimer's disease (G30)	142	0	0	0	0	0	0	0	0	1	2	7	132	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	53	0	0	0	0	0	0	1	1	1	5	12	33	0
Septicemia (A40-A41)	62	0	0	0	0	0	0	0	1	4	9	9	39	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	24	0	0	0	1	0	1	6	4	4	4	2	2	0
Chronic liver disease and cirrhosis (K70, K73-K74)	30	0	0	0	0	0	0	0	2	4	10	6	8	0
Essential hypertension and hypertensive renal disease (I10, I12)	29	0	0	0	0	0	0	0	0	0	1	3	25	0
Aortic aneurysm and dissection (I71)	14	0	0	0	0	0	0	0	0	0	0	2	12	0
Assault (homicide) (X85-Y09, Y87.1)	5	0	0	0	0	0	0	2	1	0	1	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	3	0	0	0	0	0	0	0	0	2	1	0	0	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)	9	3	0	0	1	0	0	1	1	0	2	0	1	0
All other causes	763	5	1	0	0	0	8	11	16	16	37	90	595	0
<b>TOTAL</b>	<b>3360</b>	<b>25</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>6</b>	<b>42</b>	<b>65</b>	<b>133</b>	<b>319</b>	<b>529</b>	<b>2233</b>	<b>0</b>

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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, 2015  
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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>														
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)	29	0	0	0	0	0	1	4	7	3	5	9	9	0
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease (I20-I25)	172	0	0	0	0	0	0	2	14	35	35	86	0	0
All other forms of heart disease (I26-I51)	101	0	0	1	0	0	1	2	3	9	19	20	46	0
<b>Malignant neoplasms (C00-C97)</b>														
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Malignant neoplasms of digestive organs (C15-C26)	81	0	0	0	0	0	0	0	1	6	26	23	25	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	90	0	0	0	0	0	1	4	9	18	27	31	0	0
Malignant neoplasms of breast (C50)	31	0	0	0	0	0	1	0	9	8	7	6	0	0
Malignant neoplasms of female genital organs, (C51-C58)	36	0	0	0	0	0	0	0	5	7	13	11	0	0
Malignant neoplasms of male genital organs, (C60-C63)	18	0	0	0	0	0	0	0	0	1	6	11	0	0
Malignant neoplasms of urinary tract (C64-C68)	17	0	0	0	0	0	0	0	0	3	4	10	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	4	0	1	0	0	0	0	0	0	2	0	1	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	28	0	0	0	0	0	0	1	1	6	12	8	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	14	0	0	0	0	0	0	1	1	6	3	3	0	0
<b>Cerebrovascular diseases (I60-I69)</b>														
	82	0	0	0	0	0	0	0	8	9	13	52	0	0

**TABLE F-22 (continued)**

**(2015 - Black, Both Sexes)**

	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
<b>Chronic lower respiratory diseases (J40-J47)</b>	55	0	0	0	0	0	0	0	1	2	6	21	25	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	72	2	1	0	0	2	7	12	13	13	11	4	7	0
Motor Vehicle Accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	34	0	0	0	0	2	5	3	9	7	4	4	0	0
Nontransport Accidents (W00-X59, Y86)	37	2	1	0	0	0	2	9	4	5	7	0	7	0
<b>Diabetes mellitus (E10-E14)</b>	52	0	0	0	0	0	0	1	3	8	13	13	14	0
<b>Influenza and pneumonia (J10-J18)</b>	19	0	0	0	0	0	1	0	0	0	2	4	12	0
<b>Alzheimer's disease (G30)</b>	36	0	0	0	0	0	0	0	0	0	1	4	31	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	51	0	0	0	0	0	0	0	1	4	14	11	21	0
<b>Septicemia (A40-A41)</b>	32	0	0	0	0	0	0	0	2	3	3	10	14	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	21	0	0	0	1	1	3	4	1	6	1	3	1	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	14	0	0	0	0	0	0	0	0	5	6	3	0	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	10	0	0	0	0	0	0	1	0	0	2	0	7	0
<b>Aortic aneurysm and dissection (I71)</b>	3	0	0	0	0	0	0	0	1	1	0	0	1	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	51	1	1	0	0	9	11	19	8	1	1	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	21	0	0	0	0	0	0	2	2	8	8	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	31	31	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	7	4	0	0	0	0	0	0	0	2	0	1	0	0
<b>All other causes</b>	263	1	2	0	0	1	4	7	9	17	40	47	135	0
<b>TOTAL</b>	1443	39	5	1	1	13	27	51	57	140	251	290	568	0

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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, 2015**

**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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	154	0	0	0	0	0	1	2	3	18	35	34	61	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)	16	0	0	0	0	0	0	1	2	4	3	1	5	0
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease (I20-I25)	88	0	0	0	0	0	0	0	0	8	23	25	32	0
All other forms of heart disease (I26-I51)	50	0	0	0	0	0	1	1	1	6	9	8	24	0
<b>Malignant neoplasms (C00-C97)</b>	136	0	0	0	0	0	0	0	1	3	37	48	47	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)	39	0	0	0	0	0	0	0	0	1	13	16	9	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	46	0	0	0	0	0	0	0	1	2	12	12	19	0
Malignant neoplasms of breast (C50)	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Malignant neoplasms of male genital organs, (C60-C63)	18	0	0	0	0	0	0	0	0	0	1	6	11	0
Malignant neoplasms of urinary tract (C64-C68)	11	0	0	0	0	0	0	0	0	0	2	3	6	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)	12	0	0	0	0	0	0	0	0	0	3	8	1	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	8	0	0	0	0	0	0	0	0	0	5	2	1	0
<b>Cerebrovascular diseases (I60-I69)</b>	33	0	0	0	0	0	0	0	0	3	5	9	16	0

**TABLE F-23 (continued)**  
**(2015 - Black Males)**

	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)	29	0	0	0	0	0	0	0	0	0	4	12	13	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	52	1	0	0	0	2	5	10	10	10	8	4	2	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	30	0	0	0	0	2	3	3	9	6	3	4	0	0
Nontransport Accidents (W00-X59, Y86)	21	1	0	0	0	0	2	7	1	3	5	0	2	0
Diabetes mellitus (E10-E14)	26	0	0	0	0	0	0	0	1	4	9	4	8	0
Influenza and pneumonia (J10-J18)	10	0	0	0	0	0	1	0	0	0	1	2	6	0
Alzheimer's disease (G30)	11	0	0	0	0	0	0	0	0	0	1	2	8	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	28	0	0	0	0	0	0	0	0	4	11	4	9	0
Septicemia (A40-A41)	14	0	0	0	0	0	0	0	1	1	0	3	9	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	13	0	0	0	1	1	2	3	0	2	1	2	1	0
Chronic liver disease and cirrhosis (K70, K73-K74)	8	0	0	0	0	0	0	0	0	2	5	1	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	3	0	0	0	0	0	0	0	0	0	2	0	1	0
Aortic aneurysm and dissection (I71)	2	0	0	0	0	0	0	0	1	1	0	0	0	0
Assault (homicide) (X85-Y09, Y87.1)	47	1	0	0	0	9	10	18	8	1	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	12	0	0	0	0	0	0	0	1	4	7	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	18	18	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	2	2	0	0	0	0	0	0	0	0	0	0	0	0
All other causes	107	1	1	0	0	1	2	3	5	7	18	21	48	0
<b>TOTAL</b>	<b>705</b>	<b>23</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>21</b>	<b>36</b>	<b>31</b>	<b>60</b>	<b>144</b>	<b>146</b>	<b>229</b>	<b>0</b>

Note: \*ICD Codes, Tenth Revision.

Source: Delaware 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, 2015**

**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
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>														
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	149	0	0	1	0	0	0	1	6	12	22	26	81	0
Hypertensive heart disease (I11)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Hypertensive heart and renal disease (I13)	13	0	0	0	0	0	0	0	2	3	0	4	4	0
Ischemic heart disease (I20-I25)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other forms of heart disease (I26-I51)	84	0	0	0	0	0	0	0	2	6	12	10	54	0
<b>Malignant neoplasms (C00-C97)</b>														
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	51	0	0	1	0	0	0	1	2	3	10	12	22	0
Malignant neoplasms of digestive organs (C15-C26)	184	0	1	0	0	0	0	2	6	29	40	47	59	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Malignant neoplasms of breast (C50)	42	0	0	0	0	0	0	0	1	5	13	7	16	0
Malignant neoplasms of female genital organs, (C51-C58)	44	0	0	0	0	0	0	1	3	7	6	15	12	0
Malignant neoplasms of urinary tract (C64-C68)	30	0	0	0	0	0	0	1	0	9	8	6	6	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	36	0	0	0	0	0	0	0	0	5	7	13	11	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	6	0	0	0	0	0	0	0	0	0	1	1	4	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	3	0	1	0	0	0	0	0	0	0	1	0	1	0
<b>Cerebrovascular diseases (I60-I69)</b>														
	16	0	0	0	0	0	0	0	1	1	3	4	7	0
	6	0	0	0	0	0	0	0	1	1	1	1	2	0
	49	0	0	0	0	0	0	0	0	5	4	4	36	0

**TABLE F-24 (continued)**

**(2015 - Black Females)**

	Age of Decedent												
	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
<b>Total</b>	26	0	0	0	0	0	0	1	2	2	9	12	0
<b>Chronic lower respiratory diseases (J40-J47)</b>	20	1	0	0	0	2	3	3	3	3	0	5	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	4	0	0	0	0	2	0	0	1	1	0	0	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	16	1	0	0	0	0	2	3	2	2	0	5	0
Nontransport Accidents (W00-X59, Y86)	26	0	0	0	0	0	1	2	4	4	9	6	0
<b>Diabetes mellitus (E10-E14)</b>	9	0	0	0	0	0	0	0	0	1	2	6	0
<b>Influenza and pneumonia (J10-J18)</b>	25	0	0	0	0	0	0	0	0	0	2	23	0
<b>Alzheimer's disease (G30)</b>	23	0	0	0	0	0	0	1	0	3	7	12	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	18	0	0	0	0	0	0	1	2	3	7	5	0
<b>Septicemia (A40-A41)</b>	8	0	0	0	0	1	1	1	4	0	1	0	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	6	0	0	0	0	0	0	0	3	1	2	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	7	0	0	0	0	0	1	0	0	0	0	6	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	1	0	0	0	0	0	0	0	0	0	0	1	0
<b>Aortic aneurysm and dissection (I71)</b>	4	0	1	0	0	1	1	0	0	1	0	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	9	0	0	0	0	0	2	1	4	1	1	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	13	13	0	0	0	0	0	0	0	0	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	5	2	0	0	0	0	0	0	2	0	1	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	156	0	1	0	0	2	4	4	10	22	26	87	0
<b>All other causes</b>	738	16	4	1	0	6	15	26	80	107	144	339	0
<b>TOTAL</b>													

Note: \*ICD Codes, Tenth Revision.

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

**TABLE F-25. HIV INFECTION/AIDS<sup>1</sup> DEATHS BY COUNTY, RACE, HISPANIC<sup>2</sup> ORIGIN AND SEX, BY COUNTIES, CITY OF WILMINGTON, AND DELAWARE, 2001-2015**

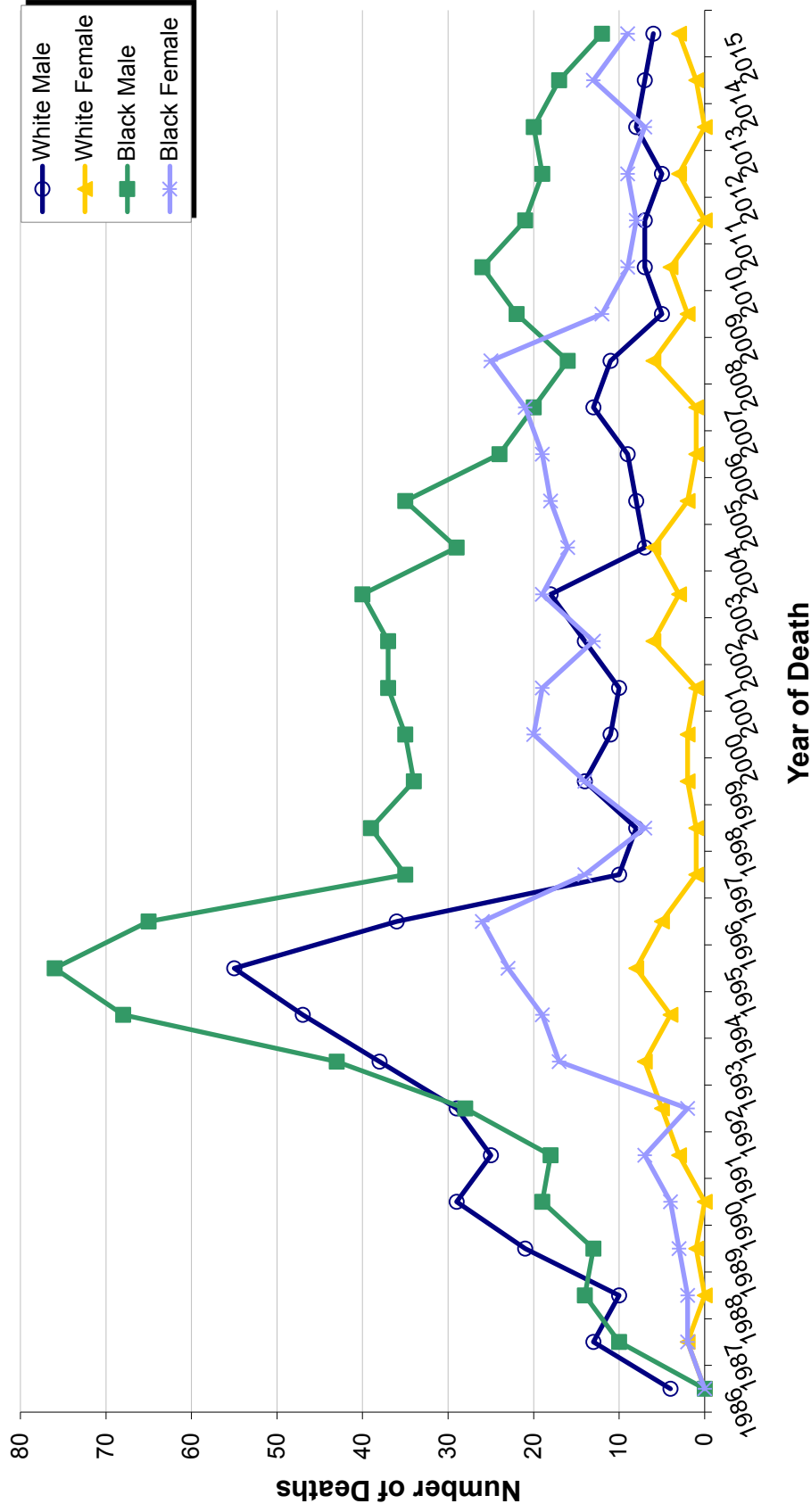
Area/ Race	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Delaware</b>	67	70	80	58	63	53	55	58	41	46	36	36	36	38	31
Males	47	51	58	36	43	33	33	27	27	33	28	24	28	24	19
White	10	14	18	7	8	9	13	11	5	7	7	5	8	7	6
Black	37	37	40	29	35	24	20	16	22	26	21	19	20	17	12
Females	20	19	22	22	20	20	22	31	14	13	8	12	8	14	12
White	1	6	3	6	2	1	1	6	2	4	0	3	0	1	3
Black	19	13	19	16	18	19	21	25	12	9	8	9	7	13	9
<b>Kent</b>	9	4	8	8	5	11	9	8	5	10	5	8	4	4	8
Males	5	4	7	5	2	7	5	2	5	6	5	6	4	4	6
White	2	0	2	2	0	1	2	1	2	2	2	2	1	0	1
Black	3	4	5	3	2	6	3	1	3	4	3	4	3	2	5
Females	4	0	1	3	3	4	4	6	0	4	0	2	0	2	2
White	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
Black	4	0	0	3	3	4	4	5	0	4	0	2	0	2	2
<b>New Castle</b>	52	56	69	46	51	34	39	42	34	31	25	27	27	27	18
Males	38	40	49	29	35	19	21	17	21	23	18	17	19	18	10
White	6	9	15	4	6	5	6	4	2	2	4	3	4	6	2
Black	32	31	34	25	29	14	15	13	19	21	14	14	15	12	7
Females	14	16	20	17	16	15	18	25	13	8	7	10	8	9	8
White	1	4	2	5	2	1	1	5	1	4	0	3	0	1	2
Black	13	12	18	12	14	14	17	20	12	4	7	7	7	8	6
Wilmington	37	28	43	25	33	19	22	29	27	19	15	15	18	21	8
Males	28	22	30	15	21	7	10	13	16	16	9	9	13	16	4
White	3	4	5	0	2	0	0	1	1	0	0	2	1	4	0
Black	25	18	25	15	19	7	10	12	15	16	9	7	12	12	4
Females	9	6	13	10	12	12	12	16	11	3	6	6	5	5	4
White	1	0	0	1	1	1	1	3	1	1	0	0	0	0	1
Black	8	6	13	9	11	11	11	13	10	2	6	6	4	5	3
Bal of NCCo	15	28	26	21	18	15	17	13	7	12	10	12	9	6	10
Males	10	18	19	14	14	12	11	4	5	7	9	8	6	2	6
White	3	5	10	4	4	5	6	3	1	2	4	1	3	2	2
Black	7	13	9	10	10	7	5	1	4	5	5	7	3	0	3
Females	5	10	7	7	4	3	6	9	2	5	1	4	3	4	4
White	0	4	2	4	1	0	0	2	0	3	0	3	0	1	1
Black	5	6	5	3	3	3	6	7	2	2	1	1	3	3	3
<b>Sussex</b>	6	10	3	4	7	8	7	8	2	5	6	1	5	7	5
Males	4	7	2	2	6	7	7	8	1	4	5	1	5	4	3
White	2	5	1	1	2	3	5	6	1	3	1	0	3	1	3
Black	2	2	1	1	4	4	2	2	0	1	4	1	2	3	0
Females	2	3	1	2	1	1	0	0	1	1	1	0	0	3	2
White	0	2	0	1	0	0	0	0	1	0	0	0	0	0	1
Black	2	1	1	1	1	1	0	0	0	1	1	0	0	3	1
<b>Hispanic</b>	3	4	2	1	2	1	1	1	1	1	2	0	1	4	1
Males	2	4	1	0	2	0	0	1	1	1	2	0	0	4	1
Females	1	0	1	1	0	1	1	0	0	0	0	0	1	0	0

Notes:

1. See Table F-12 for ICD-9 and ICD-10 Codes.
2. People of Hispanic origin may be of any race. See Hispanic Origin in the Technical Notes.

Sources: Delaware 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, 1986-2015**



Source: Delaware 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, CITY OF WILMINGTON, AND DELAWARE, 2015**

Area/ Method of Disposition	Race							
	All Races		White		Black		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	8580	100.0	6883	100.0	1443	100.0	254	100.0
Burial	4117	48.0	3075	44.7	935	64.8	107	42.1
Cremation	4054	47.2	3459	50.3	471	32.6	124	48.8
Donation	99	1.2	94	1.4	2	0.1	3	1.2
Entombment	145	1.7	137	2.0	6	0.4	2	0.8
Removal from State	164	1.9	117	1.7	29	2.0	18	7.1
Unknown	1	0.0	1	0.0	0	0.0	0	0.0
<b>Kent</b>	1592	100.0	1232	100.0	304	100.0	56	100.0
Burial	792	49.7	581	47.2	185	60.9	26	46.4
Cremation	732	46.0	597	48.5	108	35.5	27	48.2
Donation	14	0.9	13	1.1	1	0.3	0	0.0
Entombment	14	0.9	12	1.0	2	0.7	0	0.0
Removal from State	40	2.5	29	2.4	8	2.6	3	5.4
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
<b>New Castle</b>	4547	100.0	3476	100.0	909	100.0	162	100.0
Burial	2228	49.0	1597	45.9	571	62.8	60	37.0
Cremation	2069	45.5	1669	48.0	314	34.5	86	53.1
Donation	50	1.1	48	1.4	1	0.1	1	0.6
Entombment	110	2.4	104	3.0	4	0.4	2	1.2
Removal from State	89	2.0	57	1.6	19	2.1	13	8.0
Unknown	1	0.0	1	0.0	0	0.0	0	0.0
Wilmington	666	100.0	277	100.0	359	100.0	30	100.0
Burial	373	56.0	141	50.9	217	60.4	15	50.0
Cremation	270	40.5	120	43.3	137	38.2	13	43.3
Donation	2	0.3	2	0.7	0	0.0	0	0.0
Entombment	12	1.8	11	4.0	1	0.3	0	0.0
Removal from State	8	1.2	2	0.7	4	1.1	2	6.7
Unknown/Other	1	0.2	1	0.4	0	0.0	0	0.0
Balance of NC County	3881	100.0	3199	100.0	550	100.0	132	100.0
Burial	1855	47.8	1456	45.5	354	64.4	45	34.1
Cremation	1799	46.4	1549	48.4	177	32.2	73	55.3
Donation	48	1.2	46	1.4	1	0.2	1	0.8
Entombment	98	2.5	93	2.9	3	0.5	2	1.5
Removal from State	81	2.1	55	1.7	15	2.7	11	8.3
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
<b>Sussex</b>	2441	100.0	2175	100.0	230	100.0	36	100.0
Burial	1097	44.9	897	41.2	179	77.8	21	58.3
Cremation	1253	51.3	1193	54.9	49	21.3	11	30.6
Donation	35	1.4	33	1.5	0	0.0	2	5.6
Entombment	21	0.9	21	1.0	0	0.0	0	0.0
Removal from State	35	1.4	31	1.4	2	0.9	2	5.6
Unknown	0	0.0	0	0.0	0	0.0	0	0.0

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

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

**TABLE F-27. LIFE EXPECTANCY AT BIRTH\* BY RACE AND SEX, DELAWARE, 1995-2015**

Year	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2015	79.2	76.5	81.9	79.7	77.0	82.5	76.9	74.1	79.3
2014	79.6	76.9	82.1	79.8	77.1	82.5	76.7	73.8	79.4
2013	78.9	76.2	81.5	79.3	76.7	81.8	76.8	73.5	79.7
2012	79.5	77.0	81.8	79.7	77.3	81.9	77.8	74.3	81.1
2011	79.1	76.6	81.5	79.4	77.0	81.6	77.3	73.7	80.6
2010	79.1	76.4	81.7	79.4	76.9	81.7	76.7	72.5	80.7
2009	78.9	76.3	81.4	79.6	77.1	82.1	76.0	72.7	79.0
2008	78.3	75.7	80.8	78.9	76.3	81.4	75.7	72.7	78.4
2007	78.8	76.0	81.5	79.2	76.5	81.9	76.2	72.9	79.3
2006	78.4	75.7	81.0	79.1	76.4	81.7	74.8	71.4	77.8
2005	77.7	75.0	80.2	78.4	75.7	81.0	74.1	71.3	76.6
2004	77.8	74.9	80.5	78.3	75.5	80.9	73.8	70.4	77.0
2003	76.9	74.5	80.0	78.1	75.3	80.7	72.6	69.2	75.8
2002	77.3	74.6	79.8	77.8	75.4	80.1	73.8	69.5	77.9
2001	76.3	73.9	78.7	77.1	74.6	79.5	72.1	69.5	74.4
2000	76.5	73.9	79.0	77.1	74.5	79.6	72.5	69.4	75.5
1999	76.8	73.9	79.6	77.6	74.7	80.3	72.6	68.8	76.2
1998	75.9	73.3	78.4	77.0	74.5	79.4	70.3	66.9	73.5
1997	75.8	73.3	78.2	76.7	74.2	79.1	71.0	68.3	73.5
1996	75.4	72.5	78.1	76.7	73.9	79.4	68.8	65.2	72.2
1995	75.5	72.5	78.4	76.8	74.2	79.4	68.9	64.4	73.5

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, 2015**

Age Group	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
0-5	79.2	76.5	81.9	79.7	77.0	82.5	76.9	74.1	79.3
5-10	75.0	72.2	77.6	75.2	72.4	78.1	72.9	70.1	75.2
10-15	70.0	67.2	72.6	70.2	67.4	73.1	67.9	65.1	70.3
15-20	65.0	62.3	67.7	65.3	62.4	68.1	62.9	60.2	65.3
20-25	60.2	57.5	62.7	60.4	57.6	63.1	58.1	55.6	60.3
25-30	55.5	52.9	57.9	55.6	53.0	58.2	53.6	51.3	55.5
30-35	50.8	48.4	53.1	50.9	48.4	53.5	49.0	46.8	50.8
35-40	46.2	43.9	48.4	46.4	43.9	48.8	44.4	42.3	46.0
40-45	41.6	39.4	43.7	41.8	39.5	44.1	39.8	37.8	41.3
45-50	37.1	34.8	39.1	37.3	34.9	39.6	35.2	33.3	36.7
50-55	32.6	30.4	34.6	32.8	30.5	35.0	30.9	28.9	32.4
55-60	28.4	26.3	30.3	28.6	26.5	30.5	26.7	24.6	28.4
60-65	24.4	22.5	26.1	24.6	22.7	26.4	22.9	20.9	24.3
65-70	20.6	18.9	22.0	20.7	19.0	22.2	19.3	17.6	20.5
70-75	16.9	15.4	18.2	17.0	15.4	18.3	15.9	14.5	17.0
75-80	13.8	12.5	14.8	13.8	12.5	14.9	13.1	11.6	14.1
80-85	11.0	10.0	11.7	10.9	10.0	11.6	10.7	8.9	11.8
85+	8.8	7.9	9.4	8.8	8.0	9.3	8.5	6.7	9.5

Note: \*Average number of years of life remaining at the beginning of the age interval.

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

**TABLE F-29. MATERNAL DEATHS BY COUNTY,  
DELAWARE, 1986-2015**

Year	Area			
	Delaware	Kent	New Castle	Sussex
2015	1	0	1	0
2014	1	0	1	0
2013	0	0	0	0
2012	2	0	0	2
2011	1	0	0	1
2010	2	0	0	2
2009	4	1	3	0
2008	3	1	2	0
2007	1	0	1	0
2006	1	0	1	0
2005	3	0	3	0
2004	1	0	1	0
2003	2	0	2	0
2002	0	0	0	0
2001	2	0	1	1
2000	3	1	2	0
1999	1	0	1	0
1998	2	0	2	0
1997	1	0	1	0
1996	0	0	0	0
1995	0	0	0	0
1994	0	0	0	0
1993	0	0	0	0
1992	0	0	0	0
1991	1	0	0	1
1990	0	0	0	0

*Note:* Prior to 1999, maternal deaths included ICD-9 categories 630-676. For 1999 and later, maternal deaths include ICD-10 categories O00-O95, O98-O99, and A34.

*Source:* Delaware 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, 2011-2015**

LEADING CAUSES OF DEATH	AREA				RACE	
	DE	Kent	NCC	Sussex	White	Black
Malignant neoplasms	169.3	198.8	169.0	156.9	168.3	191.4
Diseases of the heart	158.8	193.9	152.6	153.8	156.4	181.1
Chronic lower respiratory diseases	40.3	50.2	39.5	37.5	42.4	33.5
Cerebrovascular diseases	36.1	39.5	41.6	26.7	34.1	47.2
Dementia	36.9	42.6	43.6	25.1	36.8	42.0
Accidents (unintentional injuries)	41.2	45.4	39.6	44.9	46.7	29.5
Diabetes mellitus	19.7	21.5	20.3	17.4	16.7	37.8
Alzheimer's disease	17.3	21.6	17.4	15.3	17.2	19.6
Nephritis, nephrotic syndrome, and nephrosis	14.0	17.2	15.2	10.9	12.0	26.6
Influenza and pneumonia	12.6	14.4	14.2	9.2	12.8	12.5
Septicemia	11.7	16.8	11.2	9.9	11.2	15.7
Intentional self-harm (suicide)	12.6	14.2	12.0	12.7	15.4	5.5
Other diseases of respiratory system	9.2	11.4	9.8	7.3	9.4	8.5
Chronic liver disease and cirrhosis	8.4	9.0	7.2	11.0	9.3	6.2
Certain conditions originating in the perinatal period	6.2	5.0	7.5	3.6	3.6	11.2
Assault (homicide)	6.6	5.1	8.3	2.8	2.7	18.0
Parkinson's disease	6.8	6.2	7.5	6.0	7.5	3.3
Human immunodeficiency virus (HIV)	3.4	3.1	4.0	2.2	1.0	13.2
Essential hypertension and hypertensive renal disease	4.5	6.7	4.1	4.1	4.0	7.3
Pneumonitis due to solids and liquids	4.6	4.4	5.2	3.8	4.7	3.9
Aortic aneurysm and dissection	2.9	4.2	2.8	2.4	2.9	3.0
Congenital malformations, deformations, and chromosomal abnormalities	2.8	3.4	2.5	3.0	2.8	2.9

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 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, 1995-2015**

Cause of Death/ Area	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Diseases of the heart</b>																	
Delaware	283.6	275.1	267.4	257.5	252.3	244.2	236.7	223.9	215.1	201.7	190.0	178.8	172.6	165.6	162.7	160.3	158.8
Kent	312.7	308.3	304.4	296.9	291.0	279.6	275.3	267.2	262.7	251.6	243.1	233.7	223.9	211.3	207.1	200.2	193.9
New Castle	276.5	267.1	259.7	250.9	246.2	240.3	233.5	220.1	211.3	196.1	182.9	171.0	165.4	158.3	156.0	153.9	152.6
Sussex	284.5	276.3	265.3	251.9	246.4	235.3	224.0	209.7	198.6	187.4	176.6	166.1	160.8	156.7	153.6	153.7	153.8
<b>Malignant neoplasms</b>																	
Delaware	228.2	221.2	218.0	210.9	206.7	202.9	201.3	195.0	193.9	192.0	186.1	183.5	181.4	178.4	173.8	172.2	169.3
Kent	228.8	220.4	221.9	219.0	217.8	211.9	213.8	205.3	208.8	210.6	208.1	206.8	205.9	208.0	199.6	199.5	198.8
New Castle	230.5	223.4	219.9	212.7	206.7	203.2	202.3	195.2	192.8	192.8	187.1	184.2	184.4	181.1	175.8	172.7	169.0
Sussex	223.4	218.0	213.1	203.9	202.0	198.6	194.2	190.6	190.4	183.0	175.0	171.3	164.3	158.9	158.0	158.5	156.9
<b>Cerebrovascular diseases</b>																	
Delaware	50.8	51.8	51.6	51.7	51.0	48.8	45.9	44.1	41.5	39.0	38.9	38.2	37.7	37.2	36.9	36.3	36.1
Kent	63.4	60.6	55.1	55.8	53.8	50.6	49.4	48.4	42.6	39.4	41.2	39.0	36.7	39.0	39.0	38.4	39.5
New Castle	50.0	53.1	53.8	54.0	54.1	52.4	49.4	48.0	47.3	44.6	44.1	43.3	43.4	42.2	42.6	41.8	41.6
Sussex	45.5	44.1	45.0	44.3	42.9	40.6	36.8	34.1	30.0	28.5	28.4	29.0	28.8	28.5	27.3	27.1	26.7
<b>Chronic lower respiratory diseases</b>																	
Delaware	41.4	42.5	41.9	42.2	41.3	40.5	41.0	40.6	39.8	41.4	41.9	41.2	42.2	41.9	41.0	40.4	40.3
Kent	54.2	52.5	49.4	45.1	44.7	45.7	48.9	49.6	51.4	55.5	55.9	54.7	55.7	55.9	50.6	49.3	50.2
New Castle	39.2	41.5	41.8	41.5	40.5	40.0	39.4	39.2	39.2	41.2	41.5	40.9	42.2	41.3	40.5	39.9	39.5
Sussex	38.9	38.7	37.7	41.8	40.6	38.5	40.0	38.8	35.8	35.5	36.0	35.5	36.1	36.2	37.3	37.5	37.5
<b>Diabetes mellitus</b>																	
Delaware	27.9	26.9	26.9	26.4	25.8	25.8	26.0	24.6	24.0	22.8	22.0	20.6	20.7	20.6	20.0	19.9	19.7
Kent	31.9	28.8	27.6	28.3	28.0	27.3	30.6	30.5	29.0	28.6	28.8	26.3	25.2	23.9	23.7	21.4	21.5
New Castle	26.6	26.6	27.3	26.2	25.1	26.1	26.1	24.4	24.4	23.3	22.2	21.1	21.9	21.9	21.1	21.0	20.3
Sussex	28.6	26.6	25.9	26.0	26.2	24.6	23.7	21.8	20.8	18.9	18.0	16.5	16.3	16.6	16.1	16.9	17.4
<b>Influenza and pneumonia</b>																	
Delaware	30.6	30.2	28.7	26.2	22.2	21.1	18.7	16.9	15.0	14.7	13.8	12.9	12.4	12.1	11.9	12.0	12.6
Kent	32.9	36.5	34.1	31.7	27.3	24.9	20.4	19.9	18.1	17.3	16.1	15.0	13.8	14.4	13.8	14.4	14.4
New Castle	28.2	27.5	25.1	23.2	19.2	17.7	15.8	14.4	13.0	13.6	13.6	13.4	13.4	13.2	12.9	13.2	14.2
Sussex	35.1	33.3	34.4	30.2	26.3	26.9	23.9	20.4	17.6	15.5	13.0	11.1	10.2	9.4	9.4	9.1	9.2
<b>Alzheimer's disease</b>																	
Delaware	9.4	11.1	13.2	14.6	16.5	17.0	18.0	18.5	19.2	19.5	18.9	18.9	18.5	18.1	17.3	17.1	17.3
Kent	4.0	5.0	8.8	10.1	12.1	12.8	14.1	13.2	15.9	17.9	18.6	20.3	22.7	22.7	22.0	20.4	21.6
New Castle	11.7	13.8	16.0	17.4	18.8	18.1	18.1	18.4	18.6	17.8	17.1	17.0	15.5	15.3	15.7	16.6	17.4
Sussex	6.9	8.2	9.1	10.8	13.7	16.9	19.8	21.4	22.2	23.7	22.4	21.7	21.9	20.8	18.0	16.4	15.3
<b>Nephritis, nephrotic syndrome, and nephrosis</b>																	
Delaware	13.2	13.5	13.6	14.1	14.2	14.5	14.4	14.9	15.3	16.0	16.4	16.5	16.2	15.2	14.6	14.1	14.0
Kent	10.8	12.4	15.3	17.6	18.0	19.9	18.3	16.7	15.8	17.5	16.1	16.5	16.3	15.6	14.5	16.0	17.2
New Castle	14.5	14.2	13.8	13.6	13.4	13.8	14.0	15.0	16.3	17.4	18.0	18.3	18.0	16.6	15.8	15.4	15.2
Sussex	11.5	12.8	12.2	13.7	14.3	13.1	13.0	13.5	13.1	12.4	13.6	13.2	12.8	12.6	12.7	11.1	10.9
<b>Septicemia</b>																	
Delaware	14.4	15.2	15.6	16.0	16.0	15.9	15.1	14.3	13.4	13.1	12.6	11.9	11.5	11.3	11.4	11.4	11.7
Kent	11.9	13.8	14.4	15.7	17.0	18.3	17.7	18.5	18.1	18.2	17.3	18.0	17.4	16.6	17.2	17.8	16.8
New Castle	16.6	17.5	17.5	17.4	17.1	16.6	15.7	14.8	13.9	13.8	13.3	12.0	11.6	10.9	10.9	11.0	11.2
Sussex	10.9	10.8	12.0	12.8	13.0	13.3	12.8	11.4	10.2	9.4	9.2	8.6	8.2	9.0	9.1	8.8	9.9

**TABLE F-31. (continued)**

Cause of Death/ Area	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Intentional self-harm (suicide)</b>																	
Delaware	11.2	11.0	11.2	10.7	11.1	11.1	11.0	10.2	10.4	10.6	10.7	11.0	11.3	11.9	12.0	12.3	12.6
Kent	11.9	12.6	12.1	11.7	11.5	10.5	10.1	10.3	9.8	10.3	11.2	11.2	11.3	12.4	13.0	14.0	14.2
New Castle	10.1	9.8	10.3	9.9	10.7	11.0	11.2	10.0	10.4	10.3	10.1	10.2	10.7	11.2	11.3	11.5	12.0
Sussex	14.0	13.3	12.8	12.2	11.8	11.4	10.4	10.8	11.0	11.8	12.1	13.5	13.1	13.5	12.9	13.2	12.7
<b>Chronic liver disease and cirrhosis</b>																	
Delaware	9.2	9.3	9.0	9.4	9.8	9.8	9.5	9.1	8.5	8.0	8.1	8.4	8.5	8.4	8.1	8.2	8.4
Kent	9.8	10.5	10.8	11.4	12.1	11.5	10.7	10.1	9.7	8.7	9.2	9.5	9.9	8.9	8.2	8.6	9.0
New Castle	8.8	9.0	8.3	8.6	9.1	9.5	8.9	8.9	8.0	7.6	7.3	7.6	7.4	7.6	7.2	7.1	7.2
Sussex	9.5	9.0	9.7	10.1	10.5	10.1	10.5	9.3	9.2	8.7	9.0	9.3	10.1	10.0	9.9	10.5	11.0
<b>Assault (homicide)</b>																	
Delaware	4.7	4.2	3.6	3.7	3.5	3.8	4.5	4.9	5.0	5.9	6.1	6.1	6.1	6.5	6.1	6.4	6.6
Kent	---	---	---	---	---	---	---	3.0	3.6	4.4	4.0	4.1	3.9	3.9	3.8	4.6	5.1
New Castle	5.3	5.1	4.5	4.6	4.3	4.6	5.3	5.9	6.0	7.1	7.4	7.5	7.4	8.2	7.9	8.1	8.3
Sussex	4.6	2.8	---	---	---	---	3.6	3.3	2.9	3.2	3.6	3.5	3.7	3.6	3.0	3.2	2.8
<b>Certain conditions originating in the perinatal period</b>																	
Delaware	5.8	6.7	7.8	8.3	8.4	8.2	8.2	7.4	7.0	6.8	6.9	6.1	6.1	6.2	5.8	5.5	6.2
Kent	5.9	6.8	7.2	7.9	8.1	8.1	7.9	6.5	5.1	4.9	5.4	4.2	4.7	5.5	4.9	4.1	5.0
New Castle	5.9	6.9	8.2	8.8	9.2	8.7	8.7	8.1	7.8	7.6	7.8	7.1	7.4	7.5	7.2	6.9	7.5
Sussex	5.5	5.8	7.2	6.8	6.0	6.3	6.6	6.1	6.4	6.1	5.8	4.6	3.5	2.7	2.8	2.9	3.6
<b>Congenital malformations</b>																	
Delaware	4.1	3.9	3.7	3.5	3.4	3.4	3.1	3.1	2.8	2.8	2.6	2.9	2.8	2.9	2.9	2.9	2.8
Kent	3.3	3.2	3.3	3.9	3.5	3.4	3.0	3.4	2.8	3.2	2.8	3.4	3.2	3.1	2.8	2.9	3.4
New Castle	3.9	3.9	3.6	3.2	3.1	3.2	3.0	2.9	2.7	2.6	2.5	2.6	2.6	2.9	2.9	2.7	2.5
Sussex	5.5	4.8	4.6	4.0	3.9	3.8	3.7	3.6	3.4	3.0	2.6	3.2	3.0	2.9	3.4	3.2	3.0
<b>Human immunodeficiency virus (HIV)</b>																	
Delaware	12.5	9.9	8.1	8.2	8.8	8.4	8.2	7.7	7.2	6.5	6.0	5.5	5.1	4.6	4.0	3.8	3.4
Kent	8.0	5.9	5.2	4.8	5.2	5.1	5.1	5.2	5.8	5.6	5.1	5.6	4.7	4.3	3.7	3.5	3.1
New Castle	14.9	12.1	9.8	9.9	10.8	10.7	10.4	9.6	8.8	7.7	7.1	6.3	6.0	5.5	4.9	4.6	4.0
Sussex	8.3	5.9	5.2	5.8	5.5	4.3	3.7	3.9	3.5	3.9	3.8	3.4	3.2	2.5	---	2.3	2.2
<b>Accidents (unintentional injuries)</b>																	
Delaware	35.8	36.0	36.9	36.4	36.0	35.8	35.1	35.2	34.7	35.6	35.9	36.8	36.4	37.3	37.8	39.5	41.2
Kent	37.8	37.5	38.9	37.7	37.6	38.3	38.9	40.5	39.5	39.7	38.0	37.5	35.0	37.7	38.7	42.9	45.4
New Castle	33.4	34.0	34.5	34.6	33.7	32.3	31.6	31.8	31.6	32.7	33.2	34.2	34.4	34.9	35.7	37.5	39.6
Sussex	42.2	42.1	44.0	42.1	43.0	46.4	44.1	42.5	42.4	43.9	44.8	46.6	45.9	46.0	44.9	44.0	44.9
<b>Essential hypertension and hypertensive renal disease</b>																	
Delaware	4.2	4.8	5.2	5.7	5.9	6.9	7.2	6.8	6.3	6.0	5.4	5.1	5.0	4.8	5.0	4.7	4.5
Kent	4.9	4.5	5.5	6.3	6.3	7.1	8.9	9.1	7.8	7.8	7.6	7.4	7.3	7.7	8.1	7.6	6.7
New Castle	3.6	4.4	4.9	5.4	5.9	7.2	7.5	7.0	6.9	6.3	5.6	5.1	5.1	4.7	4.6	4.3	4.1
Sussex	5.6	6.1	5.7	5.9	5.6	5.9	5.4	5.0	4.4	4.4	4.1	4.0	3.8	3.7	4.2	3.9	4.1
<b>Aortic aneurysm and dissection</b>																	
Delaware	6.5	6.4	6.6	6.3	6.7	6.3	5.8	5.0	4.5	3.7	3.4	3.2	3.2	3.2	3.1	3.0	2.9
Kent	8.6	9.0	9.3	9.9	10.0	9.3	8.3	7.2	5.5	4.0	3.0	2.8	2.8	3.4	4.3	4.5	4.2
New Castle	5.9	5.8	6.2	5.9	6.3	5.8	5.4	4.5	3.8	3.2	3.2	3.2	3.3	3.5	3.1	2.8	2.8
Sussex	6.6	6.5	6.0	5.4	5.9	6.1	5.7	5.3	5.4	4.7	4.1	3.5	3.2	2.7	2.4	2.4	2.4

**TABLE F-31. (continued)**

Cause of Death/ Area	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Pneumonitis due to solids and liquids</b>																	
Delaware	7.0	7.8	8.9	9.1	9.7	8.9	8.2	7.1	6.3	5.4	5.2	4.8	4.6	4.3	4.3	4.2	4.6
Kent	4.5	4.8	4.1	5.0	5.9	5.3	5.4	5.0	3.9	3.3	3.4	3.0	3.4	3.5	3.6	3.9	4.4
New Castle	8.3	8.9	10.6	10.5	10.9	9.9	9.2	7.5	6.6	5.5	5.2	4.7	4.6	4.4	4.6	4.5	5.2
Sussex	5.3	7.1	7.7	8.5	9.3	9.1	7.8	7.5	7.1	6.3	6.1	5.8	5.4	4.7	4.2	4.0	3.8
<b>Other diseases of respiratory system</b>																	
Delaware	7.9	8.3	8.4	8.8	8.4	8.7	8.5	8.9	8.8	9.0	8.8	8.8	9.0	9.3	9.2	9.3	9.2
Kent	7.2	9.2	8.9	9.6	9.5	9.5	9.0	10.3	10.6	10.5	10.6	11.3	11.7	12.1	12.2	11.9	11.4
New Castle	7.5	7.8	8.1	8.3	8.2	8.8	8.7	8.7	8.3	9.0	8.7	8.4	9.3	10.2	9.6	9.9	9.8
Sussex	9.3	9.3	8.9	9.4	8.4	8.3	7.6	8.4	8.6	8.3	8.3	8.3	7.2	6.7	7.4	7.0	7.3
<b>Parkinson's disease</b>																	
Delaware	4.0	4.6	5.1	5.5	5.5	5.4	5.7	5.5	5.6	5.6	5.6	5.2	5.7	5.8	6.2	6.6	6.8
Kent	---	---	4.3	4.6	4.7	4.1	4.7	4.6	4.4	4.4	5.5	5.1	5.2	5.3	5.4	5.4	6.2
New Castle	4.4	5.0	5.5	6.0	5.9	5.9	6.2	6.1	6.4	6.3	6.1	5.6	6.1	6.3	6.9	7.5	7.5
Sussex	3.4	4.1	4.7	5.0	4.9	5.1	5.3	4.7	4.8	5.1	4.9	4.6	5.2	5.5	5.6	5.7	6.0
<b>Dementia</b>																	
Delaware	5.8	6.5	7.2	8.5	9.5	10.6	12.1	16.1	19.8	24.7	30.0	34.4	36.4	38.9	38.4	38.0	36.9
Kent	6.8	8.6	8.8	12.6	13.9	14.6	13.1	14.2	15.3	20.5	26.3	30.3	35.7	40.4	41.7	40.9	42.6
New Castle	5.5	6.3	7.3	8.3	9.2	10.6	13.2	18.8	24.8	31.8	38.6	43.8	45.8	47.5	46.0	45.1	43.6
Sussex	5.9	5.8	5.9	6.7	7.7	8.6	9.7	11.7	12.2	13.4	16.1	19.8	21.1	24.5	25.1	26.2	25.1

**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 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, 1995-2015**

Cause of Death/ Race-Sex	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Diseases of the heart</b>																	
White	278.6	270.1	262.1	251.9	246.3	237.2	229.4	217.3	209.0	197.2	186.5	176.0	170.8	163.3	160.1	157.8	156.4
Male	348.7	341.3	328.7	312.4	303.9	294.7	283.0	268.7	261.6	248.9	234.3	222.1	217.3	208.1	203.3	202.3	201.8
Female	225.8	215.9	210.6	205.2	192.0	187.0	180.0	176.7	167.2	157.0	148.6	139.7	133.9	127.8	125.2	122.2	119.8
Black	321.5	311.9	306.3	296.9	298.4	298.7	293.4	278.4	268.3	241.3	220.1	206.0	192.0	187.9	185.6	185.5	181.1
Male	393.2	378.9	364.6	356.0	357.2	362.7	347.8	338.1	325.2	293.0	263.7	261.0	245.2	234.1	225.7	224.0	217.5
Female	271.0	264.8	263.9	254.8	257.1	252.8	253.7	235.1	224.5	202.5	186.4	166.1	152.5	154.2	154.2	156.3	154.5
<b>Malignant neoplasms</b>																	
White	219.7	214.1	212.8	206.7	201.6	199.2	198.0	191.7	191.7	191.5	185.3	182.8	181.2	177.1	172.4	171.1	168.3
Male	275.3	264.9	259.5	253.3	247.7	245.9	244.5	237.1	233.0	231.6	222.4	220.1	214.6	209.8	204.7	202.4	198.5
Female	185.8	182.6	182.9	176.2	171.1	167.8	166.7	160.9	163.5	163.7	159.0	156.0	157.2	153.8	149.3	148.7	146.5
Black	302.7	285.0	267.6	253.6	254.8	241.8	240.0	233.3	223.8	212.2	207.8	202.2	197.8	202.3	197.9	195.8	191.4
Male	406.7	371.3	343.0	334.0	334.1	309.9	311.5	300.6	283.3	263.4	261.0	256.4	250.0	250.5	246.0	238.2	222.2
Female	243.1	235.3	223.7	208.4	207.6	199.2	195.2	189.8	184.9	178.0	173.0	166.8	162.6	170.1	166.9	168.0	172.6
<b>Cerebrovascular diseases</b>																	
White	48.0	49.2	49.3	49.2	48.8	46.4	43.4	41.9	39.0	36.6	36.3	35.8	35.6	35.2	34.7	34.5	34.1
Male	50.0	50.5	52.0	50.8	50.3	48.7	47.0	42.5	38.7	35.5	34.0	33.1	34.9	35.6	35.2	35.3	34.9
Female	45.8	47.3	46.7	47.5	47.1	44.6	41.1	41.2	38.6	36.9	37.3	36.9	35.4	34.7	34.1	33.8	33.4
Black	71.0	70.7	68.6	69.9	66.8	67.2	64.5	61.1	60.2	57.8	57.3	54.3	50.9	49.4	48.9	46.2	47.2
Male	80.5	78.1	66.8	67.4	63.8	60.0	61.8	64.1	66.7	66.1	66.0	63.5	61.5	57.6	55.6	55.7	54.4
Female	62.7	64.4	67.2	68.6	66.4	68.7	64.4	58.5	55.6	52.3	51.5	47.4	43.3	43.7	44.0	40.1	42.6
<b>Chronic lower respiratory diseases</b>																	
White	42.5	43.5	42.7	43.1	42.2	41.3	42.3	42.0	41.4	43.1	43.8	43.1	44.4	43.9	43.0	42.6	42.4
Male	55.5	54.5	52.3	51.1	47.7	46.0	46.7	45.4	45.0	47.9	47.7	45.5	46.3	44.5	42.6	42.5	44.4
Female	36.5	38.3	38.0	38.9	39.4	38.6	39.6	39.9	38.9	39.5	41.0	41.3	43.0	43.6	43.6	42.8	41.2
Black	34.4	35.6	35.8	35.1	34.0	34.4	32.2	32.5	32.3	34.1	33.2	33.2	33.9	35.1	33.3	32.8	33.5
Male	48.7	51.1	50.9	53.0	51.9	50.3	46.3	47.7	46.6	51.4	48.7	47.3	47.6	46.6	42.5	41.0	42.1
Female	26.0	25.8	26.0	24.0	22.4	23.9	23.6	23.7	24.2	24.9	25.0	25.6	26.0	28.2	27.6	27.7	28.3
<b>Diabetes mellitus</b>																	
White	23.8	23.2	23.5	22.7	22.4	22.2	22.8	21.5	20.8	19.8	19.3	17.8	17.5	17.7	17.1	16.7	16.7
Male	26.6	26.0	25.7	26.0	25.8	25.7	26.3	25.5	25.4	24.0	23.1	21.5	21.2	21.1	21.3	20.8	20.9
Female	21.9	21.3	21.8	20.3	19.7	19.6	20.2	18.6	17.5	16.7	16.2	14.6	14.3	14.6	13.4	13.3	13.2
Black	58.6	55.1	53.0	54.0	50.8	51.7	50.8	47.2	46.7	44.1	40.9	38.7	41.1	38.8	39.1	39.5	37.8
Male	62.4	59.1	59.5	62.1	54.7	56.1	54.4	50.9	49.6	50.5	46.5	45.0	45.0	42.5	43.4	46.1	45.1
Female	57.0	54.0	49.9	50.2	48.4	49.1	48.6	45.7	44.7	39.9	37.0	33.9	37.3	35.6	36.3	35.3	33.8
<b>Influenza and pneumonia</b>																	
White	30.5	30.3	29.2	26.7	22.6	21.4	18.8	17.0	15.0	14.7	14.1	13.1	12.5	12.2	12.1	12.0	12.8
Male	38.6	38.2	36.3	33.2	27.0	26.1	22.6	20.8	18.4	17.8	17.1	16.3	15.4	15.0	14.7	14.0	14.9
Female	25.8	25.9	25.1	22.8	19.7	18.5	16.4	14.4	12.9	12.8	12.1	11.0	10.5	10.3	10.4	10.7	11.3
Black	31.7	30.1	25.5	23.1	20.1	20.3	18.2	17.4	15.6	15.2	12.6	12.0	12.2	12.3	11.7	13.0	12.5
Male	46.6	45.0	39.0	32.8	28.7	31.8	28.5	26.1	24.3	24.8	18.6	17.6	17.3	15.0	13.9	14.8	14.2
Female	23.1	21.6	17.4	16.8	14.7	14.1	12.4	12.7	11.4	10.7	9.8	9.2	9.2	10.4	10.1	11.9	11.4

**TABLE F-32. (continued)**

Cause of Death/ Race-Sex	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Alzheimer's disease</b>																	
White	9.8	11.5	13.8	15.3	17.1	17.4	18.5	18.9	19.7	20.2	19.5	19.2	18.8	18.2	17.2	16.9	17.2
Male	8.9	10.0	12.4	14.3	15.1	14.8	15.6	16.2	17.0	17.5	17.2	16.5	15.4	14.8	14.3	13.8	14.8
Female	10.3	12.1	14.6	15.8	18.1	18.9	20.1	20.3	21.1	21.6	20.6	20.8	20.9	20.4	18.9	18.8	18.6
Black	5.8	8.2	8.8	9.8	12.7	14.1	14.4	14.5	15.7	14.5	16.6	16.6	17.2	18.7	19.9	19.6	19.6
Male	---	---	---	---	---	14.2	---	---	13.4	12.7	12.3	13.6	13.7	13.4	15.2	14.8	15.8
Female	---	8.2	8.3	8.8	12.1	13.7	15.6	15.5	16.4	14.9	15.8	17.7	18.7	6.1	6.3	6.1	5.9
<b>Nephritis, nephrotic syndrome, and nephrosis</b>																	
White	11.3	11.2	11.1	11.9	12.2	12.6	12.5	13.0	13.1	13.8	14.0	14.2	13.9	13.3	12.8	12.2	12.0
Male	15.2	14.9	15.2	16.7	16.4	17.4	17.5	17.6	17.6	18.0	17.5	17.5	16.6	15.5	15.0	14.5	14.4
Female	9.3	9.2	8.7	9.1	9.7	9.7	9.5	9.9	10.1	10.9	11.6	11.9	12.2	11.9	11.3	10.5	10.3
Black	28.4	31.1	31.8	30.6	28.1	27.2	27.4	28.5	31.1	32.2	32.8	31.8	30.2	27.6	25.7	26.0	26.6
Male	32.7	38.7	35.8	39.0	37.4	36.6	35.3	39.7	41.8	42.5	40.8	40.0	38.3	33.2	30.2	32.7	33.8
Female	25.9	26.1	28.9	25.7	22.4	21.9	23.5	22.2	25.1	26.5	27.5	26.6	25.7	16.0	16.4	16.6	15.7
<b>Septicemia</b>																	
White	13.0	13.8	14.0	14.5	14.4	14.7	13.9	13.1	12.2	12.2	11.5	10.9	10.8	10.6	10.8	11.0	11.2
Male	15.3	16.0	16.0	16.7	15.8	16.5	15.5	14.9	14.3	14.0	12.6	12.1	12.1	11.3	12.0	12.6	12.5
Female	11.5	12.7	12.9	13.4	13.6	13.6	12.9	11.9	10.7	11.0	10.6	10.1	9.8	10.3	10.0	9.9	10.5
Black	25.7	25.9	28.7	28.1	28.9	25.7	24.6	23.2	21.9	19.9	19.7	18.1	15.9	15.7	15.3	14.7	15.7
Male	30.1	32.7	34.0	31.8	33.7	28.1	25.1	23.4	21.7	19.1	18.6	17.3	15.8	16.7	14.8	15.5	17.7
Female	23.7	22.1	25.7	26.3	26.1	23.9	24.6	23.2	21.9	20.3	20.3	18.3	15.9	12.8	13.2	12.2	12.9
<b>Intentional self-harm (suicide)</b>																	
White	12.7	12.8	12.9	12.3	13.0	12.9	12.6	12.0	12.5	12.5	12.7	13.3	13.7	14.3	14.7	15.4	15.4
Male	21.9	21.9	21.8	21.1	21.7	21.0	21.0	19.9	19.8	20.2	20.6	21.4	21.8	23.1	23.4	24.6	24.2
Female	4.3	4.4	4.7	4.4	5.1	5.5	5.0	4.8	5.7	5.3	5.3	5.5	5.9	5.8	6.5	6.7	7.1
Black	4.9	4.1	4.8	5.1	4.9	5.6	6.1	5.2	4.6	5.4	5.6	5.4	5.3	5.8	5.1	4.2	5.5
Male	9.7	7.7	8.9	10.0	9.3	10.1	10.8	9.9	8.2	9.5	10.8	10.3	9.7	10.2	9.5	7.3	8.5
Female	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Chronic liver disease and cirrhosis</b>																	
White	9.1	9.5	9.0	9.5	10.0	10.0	9.8	9.7	9.0	8.6	8.8	9.0	9.1	9.1	8.7	8.9	9.3
Male	13.0	12.6	11.8	11.6	12.1	11.5	11.8	12.4	11.8	11.7	12.5	12.9	13.0	13.3	12.8	12.8	13.3
Female	5.7	6.7	6.5	7.7	8.1	8.5	8.0	7.2	6.6	5.7	5.5	5.4	5.5	5.1	4.9	5.3	5.6
Black	10.0	8.6	9.1	9.0	9.5	9.3	8.2	7.3	6.6	6.4	6.3	7.0	7.0	6.9	6.4	6.3	6.2
Male	13.1	12.1	12.2	12.8	14.0	14.5	12.1	12.2	10.9	11.0	9.9	11.5	12.0	11.1	10.0	10.4	9.4
Female	7.1	---	6.4	---	5.8	---	---	---	---	---	---	---	---	---	---	---	5.5
<b>Assault (homicide)</b>																	
White	3.1	2.4	2.2	2.2	2.0	2.1	2.6	2.5	2.4	2.9	3.0	3.0	3.2	3.3	3.2	3.0	2.7
Male	3.7	2.9	2.7	2.6	2.5	2.5	3.5	3.4	3.3	4.1	4.1	4.1	4.4	4.8	4.4	4.2	3.7
Female	2.4	1.9	1.7	1.8	1.6	1.7	1.7	1.5	1.5	1.7	1.9	1.9	2.0	1.9	2.0	1.9	1.8
Black	11.7	11.7	9.0	9.0	8.9	9.8	11.3	13.5	14.1	16.2	16.2	16.5	15.2	16.3	15.2	16.7	18.0
Male	18.8	18.2	14.4	15.0	15.9	16.9	20.2	24.6	25.8	30.1	30.7	31.1	28.7	30.5	28.0	30.6	33.3
Female	5.4	5.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**TABLE F-32 (continued)**

Cause of Death/ Race-Sex	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Certain conditions originating in the perinatal period</b>																	
White	3.3	4.2	5.1	5.8	6.2	6.2	5.7	5.1	4.8	4.5	4.2	3.6	3.4	3.2	2.7	3.0	3.6
Male	3.4	4.7	5.7	6.3	6.9	6.5	5.9	5.3	5.4	5.1	5.1	4.4	4.2	4.1	3.3	3.8	4.2
Female	3.1	3.7	4.5	5.4	5.5	5.8	5.5	4.8	4.2	3.9	3.4	2.8	2.6	2.3	2.1	2.3	3.1
Black	13.9	14.7	16.7	16.6	16.2	15.1	16.4	14.9	14.6	14.2	15.0	13.2	13.1	13.3	12.5	10.7	11.2
Male	16.4	16.8	18.8	19.0	18.9	17.1	19.1	16.8	15.7	14.8	16.0	13.8	13.4	14.2	14.6	12.0	12.6
Female	11.4	12.5	14.5	14.1	13.4	13.2	13.8	13.1	13.4	13.5	14.0	12.6	12.7	12.5	10.4	9.4	9.8
<b>Congenital malformations</b>																	
White	4.2	4.0	3.7	3.3	3.3	3.3	3.1	3.1	2.8	2.8	2.6	3.0	3.0	3.1	3.3	3.1	2.8
Male	4.3	4.2	3.7	3.6	3.9	3.7	3.3	3.3	3.0	2.7	2.4	2.9	2.8	2.8	3.0	2.8	2.5
Female	4.2	3.9	3.7	3.1	2.7	2.9	2.8	2.8	2.7	2.8	2.8	3.1	3.3	3.4	3.6	3.4	3.1
Black	3.4	3.5	3.9	4.0	3.6	3.7	3.6	3.3	2.9	3.0	2.6	2.5	2.4	2.5	2.1	2.4	2.9
Male	4.3	4.2	3.7	3.6	3.9	3.7	3.3	3.3	3.0	2.7	2.4	2.9	2.8	2.8	3.0	2.8	2.5
Female	4.2	3.9	3.7	3.1	2.7	2.9	2.8	2.8	2.7	2.8	2.8	3.1	3.3	3.4	3.6	3.4	3.1
<b>Human immunodeficiency virus (HIV)</b>																	
White	4.7	3.0	2.0	2.2	2.6	2.5	2.4	2.3	2.1	2.0	1.8	1.8	1.7	1.5	1.2	1.2	1.0
Male	8.4	5.4	3.6	3.7	4.4	3.9	3.6	3.5	3.5	3.0	2.9	2.8	2.7	2.1	1.8	1.8	1.7
Female	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Black	48.8	42.0	36.4	35.6	36.4	35.5	34.3	31.5	29.4	26.3	24.1	21.6	19.6	17.6	15.9	15.1	13.2
Male	80.3	66.9	56.7	55.8	54.8	52.6	51.3	46.1	40.0	32.7	29.5	26.7	25.4	24.2	24.8	23.1	19.2
Female	22.0	20.9	19.2	18.5	21.1	21.3	20.2	19.5	20.7	21.5	19.9	17.6	15.0	20.3	14.0	13.5	13.3
<b>Accidents (unintentional injuries)</b>																	
White	36.1	37.3	38.2	37.5	37.2	37.5	37.4	38.0	38.3	39.9	40.6	41.5	41.7	42.6	43.0	45.1	46.7
Male	48.4	50.1	50.9	50.6	51.4	51.5	51.8	53.2	54.5	55.7	57.1	57.0	57.0	57.4	57.3	59.9	62.8
Female	24.2	25.4	26.5	25.6	24.3	24.7	24.2	24.0	23.3	25.1	25.2	27.1	27.5	28.9	29.9	31.3	31.6
Black	36.5	34.2	36.2	37.5	37.3	35.2	32.1	29.6	26.4	24.2	24.6	26.1	24.4	25.4	26.5	27.7	29.5
Male	56.7	53.0	52.8	56.6	56.0	50.3	47.0	44.3	38.2	34.4	35.7	37.2	35.2	37.6	39.2	40.6	43.1
Female	21.4	18.6	22.0	21.1	21.7	21.9	19.7	17.6	16.6	15.4	15.4	16.5	14.9	19.8	19.8	20.8	22.8
<b>Essential hypertension and hypertensive renal disease</b>																	
White	3.5	4.2	4.5	5.0	5.1	5.7	6.0	5.7	5.2	4.8	4.4	4.3	4.3	4.2	4.6	4.2	4.0
Male	3.8	4.3	4.4	4.7	5.0	5.3	5.6	5.5	4.8	4.4	4.5	4.2	3.8	3.8	4.2	3.6	3.8
Female	3.3	4.0	4.3	5.0	5.0	5.8	6.1	5.7	5.4	4.8	4.2	4.2	4.4	4.2	4.7	4.4	4.0
Black	9.8	10.0	10.5	11.4	12.2	15.4	16.4	15.2	14.3	14.5	11.6	9.8	9.1	8.6	7.4	7.4	7.3
Male	12.7	12.9	13.1	11.8	14.2	19.8	20.4	19.5	20.2	18.1	12.0	10.4	10.1	9.4	8.0	8.6	7.5
Female	8.4	8.1	9.2	10.9	11.0	13.1	14.3	12.5	10.3	11.7	10.4	8.4	7.6	3.5	3.8	4.5	4.9
<b>Aortic aneurysm and dissection</b>																	
White	6.5	6.5	6.8	6.4	6.8	6.3	5.8	5.0	4.4	3.7	3.4	3.2	3.2	3.3	3.0	3.0	2.9
Male	10.6	10.4	11.3	10.0	9.6	8.8	8.3	6.9	6.2	5.5	5.1	4.7	4.4	4.3	3.8	3.9	3.8
Female	3.9	4.0	3.9	4.2	4.8	4.4	4.0	3.6	2.9	2.3	2.1	1.9	2.2	2.4	2.2	2.2	2.2
Black	5.6	5.0	5.0	5.5	6.0	6.9	6.4	5.4	5.1	4.1	3.7	3.6	3.4	3.2	3.8	3.4	3.0
Male	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Female	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

**TABLE F-32.(continued)**

Cause of Death/ Race-Sex	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015
<b>Pneumonitis due to solids and liquids</b>																	
White	6.8	7.5	8.5	8.9	9.4	8.6	7.8	6.8	6.1	5.4	5.1	4.8	4.7	4.4	4.3	4.2	4.7
Male	10.1	10.5	11.8	11.5	11.6	10.5	9.5	7.9	7.4	6.4	6.3	6.1	6.2	6.2	6.5	6.5	7.0
Female	5.1	5.8	6.7	7.3	8.0	7.4	6.8	5.9	5.2	4.6	4.3	3.8	3.7	3.3	2.9	2.6	3.2
Black	8.8	10.5	11.3	10.4	11.7	10.6	10.7	9.0	8.1	5.6	5.5	4.4	3.9	3.2	4.2	4.6	3.9
Male	---	15.4	19.8	17.9	19.9	18.5	18.0	15.2	12.9	---	---	9.1	---	---	7.9	8.4	---
Female	---	---	---	---	6.8	---	6.7	---	---	---	---	---	---	---	---	---	---
<b>Other diseases of respiratory system</b>																	
White	8.2	8.5	8.6	8.8	8.5	8.9	8.6	9.1	9.0	9.0	8.7	8.6	8.8	9.4	9.6	9.7	9.4
Male	10.0	10.6	10.2	9.8	9.7	10.1	10.1	11.3	11.0	10.4	10.3	10.2	9.9	11.4	12.1	12.1	11.7
Female	6.6	7.0	7.3	8.1	7.8	8.1	7.7	7.7	7.5	8.0	7.6	7.5	7.9	7.9	7.7	7.8	7.7
Black	6.1	6.9	7.1	7.9	7.3	7.4	7.1	7.0	7.4	9.3	9.8	10.1	10.4	9.2	7.6	8.4	8.5
Male	---	---	---	---	---	9.1	10.5	9.6	9.7	11.4	12.7	13.7	14.6	13.1	12.3	13.3	11.6
Female	---	7.9	8.2	7.7	6.5	6.4	---	5.5	5.9	8.0	8.3	8.2	8.0	7.1	5.4	4.6	4.7
<b>Parkinson's disease</b>																	
White	4.3	5.0	5.5	6.0	5.9	5.9	6.1	5.8	6.0	6.1	6.0	5.7	6.2	6.4	6.9	7.2	7.5
Male	6.0	6.8	8.0	8.5	8.7	8.9	9.1	8.8	9.0	8.8	8.4	8.0	8.0	8.2	9.1	9.9	10.1
Female	3.4	3.9	4.2	4.6	4.3	4.2	4.4	4.1	4.2	4.5	4.6	4.4	5.1	5.2	5.4	5.4	5.6
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.3
Male	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Dementia</b>																	
White	6.1	6.6	7.4	8.6	9.5	10.1	11.8	15.5	18.8	23.9	29.3	34.0	36.2	39.1	38.5	38.1	36.8
Male	7.0	7.9	7.8	7.9	8.3	8.7	9.4	12.8	15.6	20.0	24.9	29.3	31.1	33.9	33.8	33.8	31.7
Female	5.6	6.1	7.2	8.9	10.1	10.9	13.0	16.9	20.5	25.8	31.6	36.4	38.9	41.5	40.7	40.2	39.5
Black	---	6.0	5.8	8.7	10.4	15.4	16.3	23.1	30.1	34.3	37.1	40.4	41.8	41.9	41.2	41.9	42.0
Male	---	---	---	19.0	18.2	22.5	22.3	29.6	29.2	35.4	40.8	42.3	40.2	41.1	42.0	41.6	42.3
Female	---	---	---	---	---	12.5	13.5	20.1	30.2	33.8	34.9	39.1	42.3	41.8	40.0	41.6	41.3

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

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# Technical Notes



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## TECHNICAL NOTES

### SOURCES OF DATA

**BIRTHS, DEATHS AND FETAL DEATHS:** Birth, death and fetal death certificates were the source documents for data on vital events to Delaware residents. A copy of each certificate is included as Appendices F, G and H.

The cut-off date for data in this report was October 31 after the close of the calendar year. Any data pertaining to an event for which a certificate was filed after this date, are not included in this report. It is possible that data obtained directly from the Delaware Health Statistics Center (DHSC) may differ slightly from that which appear in this report. If this should occur, it is the result of an update that was made after the cut-off date for this report.

Births and deaths to Delaware residents which took place in other states are included in this report. The inclusion of these data is made possible by an agreement among all registration areas in the United States for the exchange of copies of resident certificates.

**MARRIAGES AND DIVORCES:** Each of Delaware's three counties has a state office for the collection of marriage certificates. All of these certificates are processed and maintained by the Office of Vital Statistics in the Division of Public Health's central office in Dover. 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:** Beginning on January 1, 1997, all induced terminations of pregnancy (ITOP) were required to be reported to the Department. Reports of induced termination of pregnancy are filed directly with the DHSC. The reports are filed for statistical purposes only and are shredded and discarded when all reports for the data year have been coded. ITOP records are currently not being exchanged among the states, so 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 refer to live births, fetal deaths, and ITOP. When used in combination, these three events can yield a great deal of information regarding pregnancy and pregnancy outcomes that is not possible by looking at each individual event separately. For example, live birth rates can be calculated using live births in conjunction with population data. However, differences observed between live birth rates in two or more geographic areas or within the same area at different points in time may be due to differences in the rate of pregnancy, differences in pregnancy outcomes (i.e., live birth, fetal death, or ITOP), or a combination of these factors. Only pregnancy rates allow such questions to be thoroughly examined. 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. Copies of 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](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 two programs related to improving the quality of information received on vital records--the query and field programs.

The query program is a system used to follow-back to hospital and clinic personnel, funeral directors and/or physicians concerning data quality problems. The follow-back contact is usually via mail and/or telephone. 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 with various associations representing the individuals listed above.

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 or, when weight is unattainable, if 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 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. 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.

Allocation of vital events by place of residence is sometimes difficult because classification depends entirely on a statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. However, in recent years, the DHSC has invested a great deal of effort into editing of address information leading to a significant improvement in data quality.

In any case, geographical allocation is generally a problem only at the level of census tract. Resident counts at the State level are, for all practical purposes, complete. County resident figures are substantially correct and can be used with a high degree of confidence.

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.

All statistics are subject to random variation.<sup>1</sup> 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.

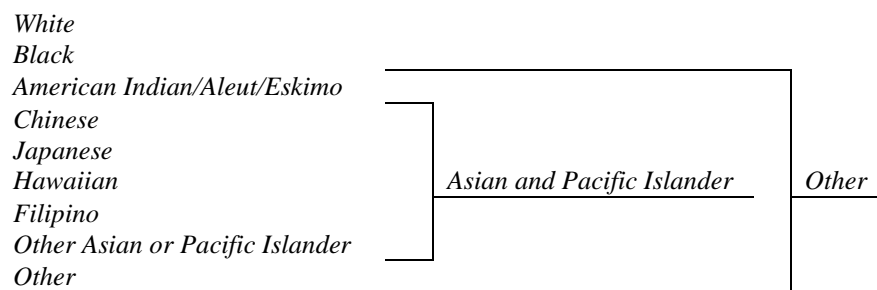
The second method is a more sophisticated technique that statistically "adjusts" for demographic differences between populations and allows direct comparisons between overall population rates. The major

<sup>1</sup>See Appendix A for more details.

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*.

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

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## **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.<sup>2</sup> 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  $D_{adj}$ .*

<sup>2</sup>See 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:

$$R_1 \pm 1.96 * SE$$

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

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

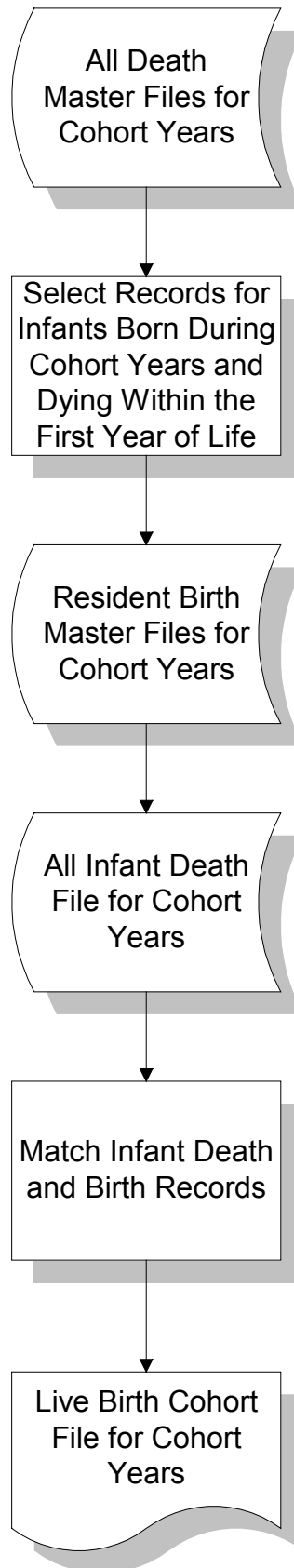
*Comparison of two infant mortality rates* - When the number of events for one or both of the rates was less than 100, comparisons between rates were based on the confidence intervals for each. If they overlapped, the difference was not significant. When the number of events for both rates was 100 or 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 <sup>1</sup>	ICD-9 <sup>2</sup>
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 <sup>1</sup>	ICD-9 <sup>2</sup>
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 <sup>1</sup>	ICD-9 <sup>2</sup>
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 <sup>1</sup>	ICD-9 <sup>2</sup>
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 #

<b>CHILD</b>	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	
<b>MOTHER</b>	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	
<b>FATHER</b>	10a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		10b. DATE OF BIRTH (Mo/Day/Yr)	10c. BIRTHPLACE (State, Territory, or Foreign Country)		
	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	
<b>INFORMATION FOR ADMINISTRATIVE USE</b>						
<b>MOTHER</b>	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:				
<b>INFORMATION FOR MEDICAL AND HEALTH PURPOSES ONLY</b>						
<b>MOTHER</b>	20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery)		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)		22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)	
	<input type="checkbox"/> 8 <sup>th</sup> grade or less <input type="checkbox"/> 9 <sup>th</sup> - 12 <sup>th</sup> 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)		<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) _____		<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 _____	
<b>FATHER</b>	23. FATHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery)		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)		25. FATHER'S RACE (Check one or more races to indicate what the father considers himself to be)	
	<input type="checkbox"/> 8 <sup>th</sup> grade or less <input type="checkbox"/> 9 <sup>th</sup> - 12 <sup>th</sup> 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, M.Ed., MSW, MBA) <input type="checkbox"/> Doctorate (e.g., Ph.D., EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		<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"/> 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 _____	
<b>STATE OFFICE USE ONLY</b>	26. PLACE WHERE BIRTH OCCURRED (Check one) <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding birthing center <input type="checkbox"/> Home Birth: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____		27. ATTENDANT'S NAME, TITLE, AND NPI NAME: _____ NPI: _____ TITLE: <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____		28. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY? <input type="checkbox"/> Yes <input type="checkbox"/> No  IF YES, ENTER NAME OF FACILITY MOTHER TRANSFERRED FROM: _____	

## APPENDIX F (cont.)

### STATE OF DELAWARE CERTIFICATE OF LIVE BIRTH STATISTICAL SECTION

<b>MOTHER</b>	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)		33. MOTHER'S WEIGHT AT DELIVERY ____ (pounds)		
	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	36a. OTHER OUTCOMES NUMBER  <input type="checkbox"/> None		38. PRINCIPAL SOURCE OF PAYMENT FOR THIS DELIVERY  <input type="checkbox"/> Private Insurance <input type="checkbox"/> Medicaid <input type="checkbox"/> Self pay <input type="checkbox"/> Other (Specify) _____		
35c. DATE OF LAST LIVE BIRTH MM / DD / YYYY		36b. DATE OF LAST OTHER PREGNANCY OUTCOME MM / DD / YYYY		39. DATE LAST NORMAL MENSES BEGAN MM / DD / YYYY		40. MOTHER'S MEDICAL RECORD NUMBER	
<b>MEDICAL AND HEALTH INFORMATION</b>	41. RISK FACTORS IN THIS PREGNANCY (Check all that apply). <b>Diabetes</b> <input type="checkbox"/> Pre-Pregnancy (Diagnosis prior to this pregnancy) <input type="checkbox"/> Gestational (Diagnosis in this pregnancy) <b>Hypertension</b> <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 >= 38° 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						
	<b>NEWBORN INFORMATION</b>						
48. NEWBORN MEDICAL RECORD NUMBER		49. BIRTHWEIGHT (grams preferred, specify unit) ____ <input type="checkbox"/> gr/ams <input type="checkbox"/> lb/oz		54. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Assisted ventilation required immediately following delivery <input type="checkbox"/> Assisted ventilation required for more than six Hours <input type="checkbox"/> NICU admission <input type="checkbox"/> Newborn given surfactant replacement therapy <input type="checkbox"/> Antibiotics received by the newborn for suspected neonatal sepsis <input type="checkbox"/> Seizure or serious neurologic dysfunction <input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention) <input type="checkbox"/> None of the above			
50. OBSTETRIC ESTIMATE OF GESTATION ____ (completed weeks)		51. APGAR SCORE Score at 5 minutes _____ <b>If 5 minute score is less than 6,</b> Score at 10 minutes _____		55. CONGENITAL ANOMALIES OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Anencephaly <input type="checkbox"/> Meningocele/Spina bifida <input type="checkbox"/> Cyanotic congenital heart disease <input type="checkbox"/> Congenital diaphragmatic hernia <input type="checkbox"/> Omphalocele <input type="checkbox"/> Gastroschisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above			
52. PLURALITY – Single, Twin, Triplet, etc. (Specify) _____		53. IF NOT SINGLE BIRTH – Born first, second, third, etc. (Specify) _____					
56. WAS INFANT TRANSFERRED WITHIN 24 HOURS OF DELIVERY? <input type="checkbox"/> Yes <input type="checkbox"/> No IF YES, NAME OF FACILITY INFANT TRANSFERRED TO: _____			57. IS INFANT LIVING AT TIME OF REPORT? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Infant transferred, status unknown		58. IS INFANT BEING BREASTFED AT DISCHARGE? <input type="checkbox"/> Yes <input type="checkbox"/> No		

# APPENDIX G

## STATE OF DELAWARE CERTIFICATE OF DEATH

**OFFICE OF VITAL  
STATISTICS**

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

(107)

State File Number

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)
<b>14. PLACE OF DEATH (Check only one; see instructions)</b>			
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)	
<b>ITEMS 24-28 MUST BE COMPLETED BY PERSON WHO PRONOUNCES OR CERTIFIES DEATH</b>		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?			Approximate interval: Onset to death
<b>CAUSE OF DEATH (See instructions and examples)</b>			
32. <b>PART I.</b> 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. _____ resulting in death) Due to (or as a consequence of): _____			
b. _____ Sequentially list conditions, if any, leading to the cause listed on line a. Enter the <b>UNDERLYING CAUSE</b>			
c. _____ (disease or injury that initiated the events resulting in death) <b>LAST</b>			
d. _____			
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	

To Be Completed/ Verified By:  
**FUNERAL DIRECTOR**

To Be Completed By:  
**MEDICAL CERTIFIER**

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

Amendment Code: \_\_\_\_\_  
 Amendment Number: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 User ID: \_\_\_\_\_  
 DE Birth SFN: \_\_\_\_\_

To Be Completed By:  
FUNERAL DIRECTOR



# APPENDIX H

## STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

**STATE OF DELAWARE**  
DEPARTMENT OF HEALTH AND SOCIAL SERVICES  
REPORT OF FETAL DEATH

(107)  
STATE FILE #

<b>FETUS</b>	1. NAME OF FETUS (optional-at the discretion of the parents )		2. TIME OF DELIVERY (24hr)	3. SEX (M/F/Unk)	4. DATE OF DELIVERY (Mo/Day/Yr)	
	5a. CITY, TOWN, OR LOCATION OF DELIVERY	7. PLACE WHERE DELIVERY OCCURRED (Check one) <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding birthing center <input type="checkbox"/> Home Delivery: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____		8. FACILITY NAME (if not institution, give street and number)		
	5b. ZIP CODE OF DELIVERY	6. COUNTY OF DELIVERY		9. FACILITY ID (NPI)		
<b>MOTHER</b>	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		
<b>FATHER</b>	12a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		12b. DATE OF BIRTH (Mo/Day/Yr)	12c. BIRTHPLACE (State, Territory, or Foreign Country)		
	<b>13. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH</b>					
<b>CAUSE OF FETAL DEATH</b>	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) _____ 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) _____			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 Anomaly (Specify) _____		
	Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown			Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown		
13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)				13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
				13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>DISPOSITION</b>	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) _____	
<b>CERTIFIER AND REGISTRATION INFORMATION</b>	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

<b>MOTHER</b>	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"/> 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, LLB, JD)	21. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina)  <input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican, Mexican American, Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____	22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be). <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ Predominant Race _____															
	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 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) 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%;"></td> <td style="width: 25%; text-align: center;"># of cigarettes</td> <td style="width: 25%; text-align: center;"># of packs</td> </tr> <tr> <td>Three Months Before Pregnancy</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">OR _____</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">OR _____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">OR _____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">OR _____</td> </tr> </table>			# of cigarettes	# of packs	Three Months Before Pregnancy	_____	OR _____	First Three Months of Pregnancy	_____	OR _____	Second Three Months of Pregnancy	_____	OR _____	Third Trimester of Pregnancy	_____	OR _____
	# of cigarettes	# of packs																
Three Months Before Pregnancy	_____	OR _____																
First Three Months of Pregnancy	_____	OR _____																
Second Three Months of Pregnancy	_____	OR _____																
Third Trimester of Pregnancy	_____	OR _____																
30c. DATE OF LAST LIVE BIRTH MM / Y Y Y Y	31b. DATE OF LAST OTHER PREGNANCY OUTCOME MM / Y Y Y Y	33. DATE LAST NORMAL MENSES BEGAN MM / 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 _____																		
<b>MEDICAL AND HEALTH INFORMATION</b>	37. 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 (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: <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)  <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 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 <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 E. Hysterotomy/Hysterectomy <input type="checkbox"/> Yes <input type="checkbox"/> No	40. 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		41. CONGENITAL ANOMALIES OF THE FETUS (Check all that apply)  <input type="checkbox"/> Anencephaly <input type="checkbox"/> Meningocele/Spina bifida <input type="checkbox"/> Cyanotic congenital heart disease <input type="checkbox"/> Congenital diaphragmatic hernia <input type="checkbox"/> Omphalocele <input type="checkbox"/> Gastroschisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the 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 REPORT OF FETAL DEATH			(107) STATE FILE #
<b>FETUS</b>	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)		8. FACILITY NAME (if not institution, give street and number)
	5b. ZIP CODE OF DELIVERY		<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) _____		
	6. COUNTY OF DELIVERY		9. FACILITY ID (NPI)		
<b>MOTHER</b>	10a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)				10b. DATE OF BIRTH (Mo/Day/Yr)
	10c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)				10d. BIRTHPLACE (State, Territory, or Foreign Country)
	11a. RESIDENCE OF MOTHER-STATE		11b. COUNTY		11c. CITY, TOWN, OR LOCATION
	11d. STREET AND NUMBER		11e. APT. NO.	11f. ZIP CODE	11g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No
	12a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		12b. DATE OF BIRTH (Mo/Day/Yr)	12c. BIRTHPLACE (State, Territory, or Foreign Country)	
<b>13. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH</b>					
<b>CAUSE OF FETAL DEATH</b>	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)		13e. ESTIMATED TIME OF FETAL DEATH		13f. WAS AN AUTOPSY PERFORMED?	
<input type="checkbox"/> grams <input type="checkbox"/> lb/oz		<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		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)				13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
				13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>DISPOSITION</b>	14. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Hospital Disposition <input type="checkbox"/> Donation <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify) _____				
	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____	
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD 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

<b>AUTHORITY FOR BURIAL, TRANSPORTATION AND REMOVAL</b>	
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>	
<b>CEMETARY OR CREMATORY SHALL FILL OUT SECTION BELOW</b>	
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 _____	Date Signed _____
<small>Sexton or other person in charge</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

TO OFFICIAN - PLEASE COMPLETE LOWER PART OF FORM AND MAIL WITHIN 4 DAYS, COPIES 1, 3, AND 4 TO: OFFICE OF VITAL STATISTICS, P.O. Box 637, Dover, DE 19903.

OFFICE OF VITAL STATISTICS		CERTIFICATE OF MARRIAGE <b>State of Delaware</b>				STATE FILE NUMBER			
		DIVISION OF PUBLIC HEALTH							
LOCAL REGISTRAR'S NO.	LICENSE NO. <b>58801</b>	NO. LICENSE APPLICATION	PLACE LICENSE ISSUED						
GROOM			BRIDE						
NAME	FIRST	MIDDLE	LAST	FIRST	MIDDLE	LAST			
RESIDENCE STREET OR NUMBER, CITY			RESIDENCE STREET OR NUMBER, CITY						
STATE	ZIP	COUNTY		STATE	ZIP	COUNTY			
DATE OF BIRTH		AGE		DATE OF BIRTH		AGE			
BIRTHPLACE (STATE OR FOREIGN COUNTRY)			BIRTHPLACE (STATE OR FOREIGN COUNTRY)						
WE HEREBY CERTIFY THAT THE INFORMATION PROVIDED IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AND THAT WE ARE FREE TO MARRY UNDER THE LAWS OF THIS STATE									
SIGNATURE OF GROOM <b>X</b>			SIGNATURE OF BRIDE <b>X</b>						
FATHER	NAME	FIRST	MIDDLE	LAST	FATHER	NAME	FIRST	MIDDLE	LAST
	BIRTHPLACE (STATE OR FOREIGN COUNTRY)				BIRTHPLACE (STATE OR FOREIGN COUNTRY)				
MOTHER	MAIDEN NAME	FIRST	MIDDLE	LAST	MOTHER	MAIDEN NAME	FIRST	MIDDLE	LAST
	BIRTHPLACE (STATE OR FOREIGN COUNTRY)				BIRTHPLACE (STATE OR FOREIGN COUNTRY)				
<p>I hereby certify that on the _____ day of _____, 19____, _____ M. _____ HOUR</p> <p>the aforementioned persons were by me united in marriage at _____ (CITY, TOWN, OR LOCATION)</p> <p>County of _____, in accordance with the Laws of the State of Delaware.</p> <p>Signature of Clergy or Other Official _____ TITLE _____</p> <p>RESIDENCE-STATE _____ COUNTY _____</p> <p>Witnesses (two are required.)</p> <p>1. NAME _____ RESIDENCE _____</p> <p>2. NAME _____ RESIDENCE _____</p> <p>3. NAME _____ RESIDENCE _____</p> <p>REGISTRAR'S SIGNATURE _____ DATE RECEIVED BY LOCAL REGISTRAR _____</p>									

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. \_\_\_\_\_

<b>HUSBAND</b>	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)		
<b>WIFE</b>	5a. WIFE'S NAME (First, Middle, Last)											
	6a. RESIDENCE - STREET OR NUMBER, CITY						5b. MAIDEN SURNAME					
	6c. STATE			ZIP			7. BIRTHPLACE (State or Foreign Country)			8. DATE OF BIRTH (Month, Day, Year)		
<b>MARRIAGE</b>	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 ITEM 11 Number _____ ( ) None				13. PETITIONER ( ) Husband ( ) Wife ( ) Both ( ) Other (Specify)			
	14a. NAME OF PETITIONER'S ATTORNEY (Type/Print)						14b. ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)					
<b>ATTORNEY</b>	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 CONTESTED <input type="checkbox"/> YES <input type="checkbox"/> NO						19. COUNTY OF DECREE			20. TITLE OF COURT		
	21. SIGNATURE OF CERTIFYING OFFICIAL				22. TITLE OF CERTIFYING OFFICIAL				23. DATE SIGNED (Month, Day, Year)			

DRAFT

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+)
<b>HUSBAND</b>	24a.	25a.	25b.	25c.	26a.	27a.	
<b>WIFE</b>	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? <i>(Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.)</i> <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 <i>(Specify only highest grade completed)</i> Elementary/Secondary (0-12)   College (1-4 or 5+)	
12. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)	13. CLINICAL ESTIMATE OF GESTATION (Weeks)	14. PREVIOUS PREGNANCIES (Complete each section)			
		LIVE BIRTHS		OTHER TERMINATIONS	
		14a. Now Living Number _____ <input type="checkbox"/> None	14b. Not Living Number _____ <input type="checkbox"/> None	14c. Spontaneous Number _____ <input type="checkbox"/> None	14d. Induced (Do not include this termination) Number _____ <input type="checkbox"/> None
15. TYPE OF TERMINATION PROCEDURE (Check only one)					
<input type="checkbox"/> Suction Curettage <input type="checkbox"/> Medical (Nonsurgical), Specify Medication(s) _____ <input type="checkbox"/> Dilatation and Evacuation (D&E) <input type="checkbox"/> Intra-Uterine Instillation (Saline or Prostaglandin) <input type="checkbox"/> Sharp Curettage (D&C) <input type="checkbox"/> Hysterotomy/Hysterectomy <input type="checkbox"/> Other (Specify) _____					

(Instructions on back)

Mail completed forms to:  
Delaware Health Statistics Center  
417 Federal Street  
Dover, DE 19903  
(302) 744-4541

Doc. No. 35-01-20-96-12-01

# APPENDIX L

## List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*

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

Number <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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) <sup>2</sup>

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

Source: Heron M. *Deaths: Leading causes for 2014*.  
*National vital statistics reports*;vol 65 no 5.  
 Hyattsville, MD: National Center for Health Statistics. 2016

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