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# DELAWARE VITAL STATISTICS ANNUAL REPORT 2014



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

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State of Delaware

**Dr. Kara Odom Walker, Secretary**  
Delaware Health and Social Services

# DELAWARE VITAL STATISTICS ANNUAL REPORT, 2014

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Delaware  
Center **DH** Health  
**SC** Statistics

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## PREFACE

I am pleased to present the 2014 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 2014 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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## ACKNOWLEDGEMENTS

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

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### **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 each year.

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 of Delaware and reports of induced termination of pregnancy (ITOP) filed in Delaware. The compilation and enumeration of vital events are accomplished through the cooperation of the DHSC and the Office of Vital Statistics. This cooperation has been the foundation for the development of a comprehensive health data management system designed to facilitate the most effective use of our 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 1980s. 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. There are highlights of Delaware's life expectancy, leading causes of death, and even the most popular birth names within this report.

The annual report also has sections that 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 has expanded its sections to include data on Wilmington, incorporated historical tables on the percent of births to single mothers and the percent of low and very low birthweight births, and added comparisons with the United States.

The effective use of vital statistics information is essential to identify and understand the population health challenges facing Delaware. Examining data presented 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

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

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

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

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

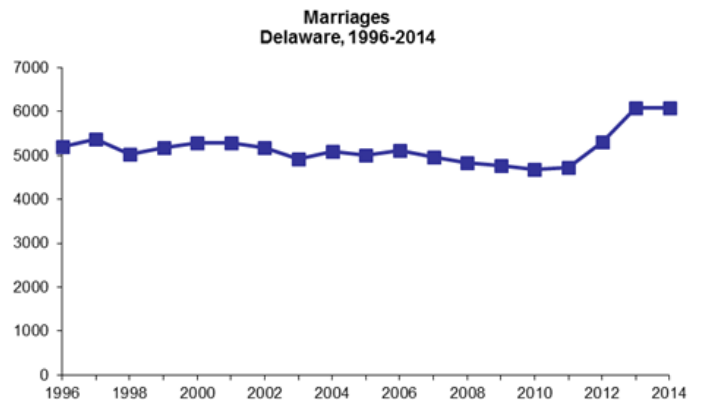
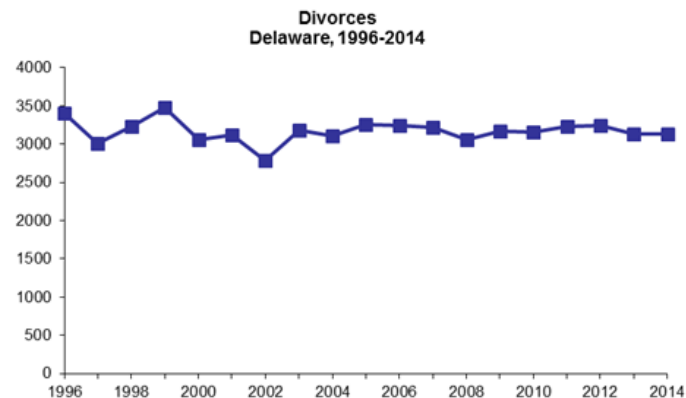
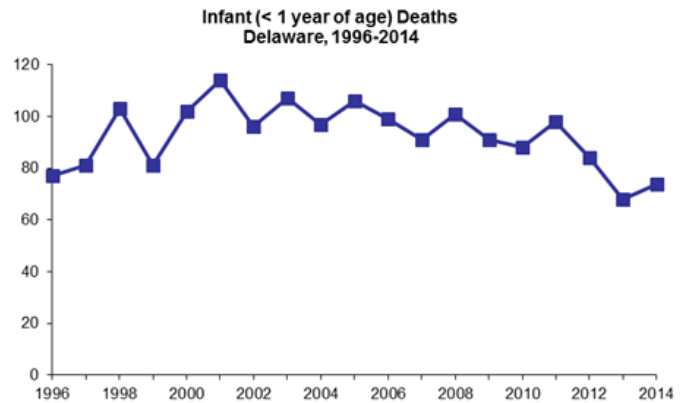
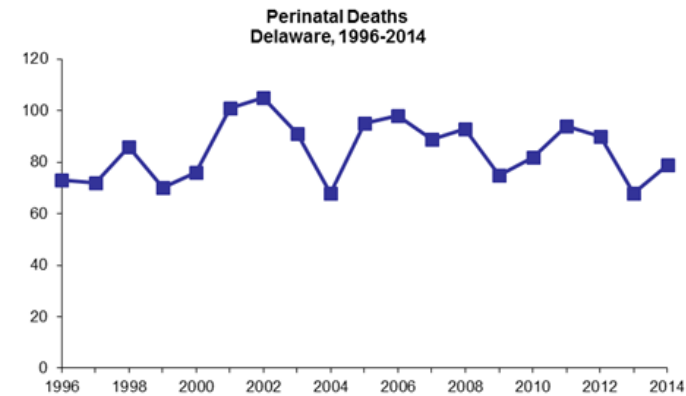
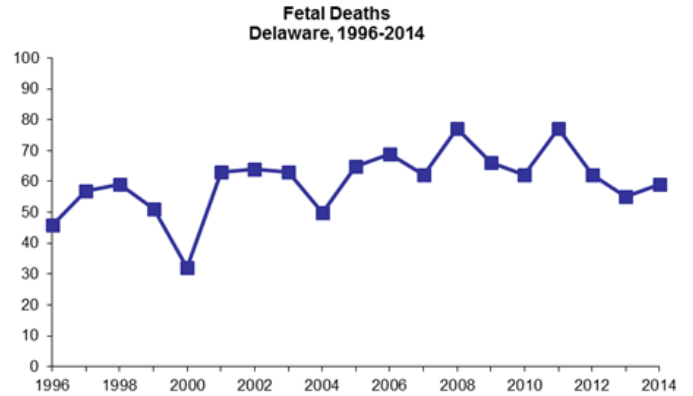
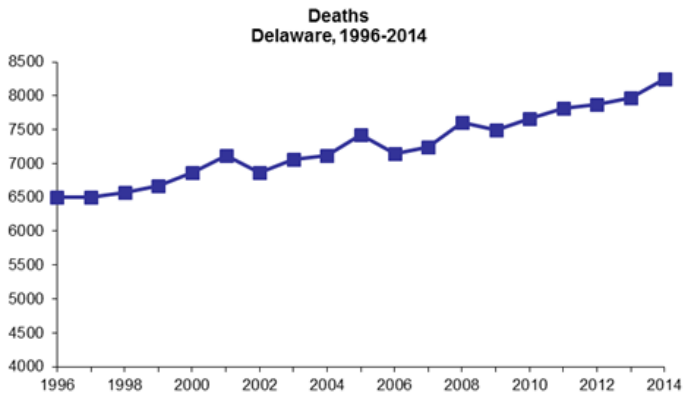
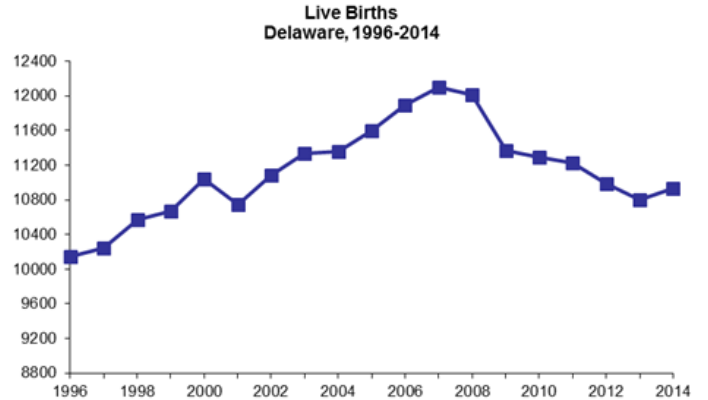
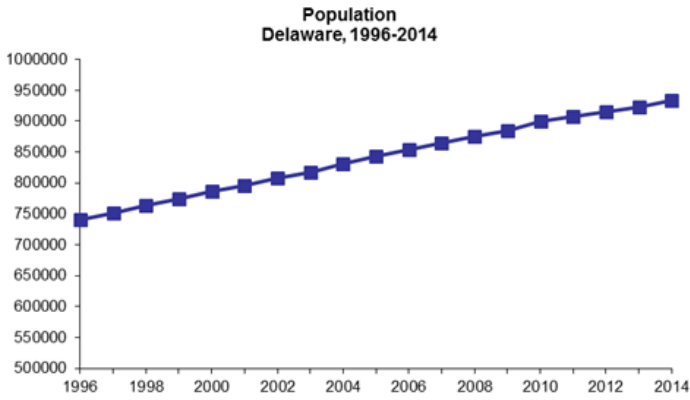
$$\text{Perinatal Mortality Rate} = \frac{(\text{Late Fetal Deaths} + \text{Early Infant Deaths})}{(\text{Late Fetal Deaths} + \text{Live Births})} \times 1,000$$

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# 2014 VITAL STATISTICS TRENDS



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

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# Population

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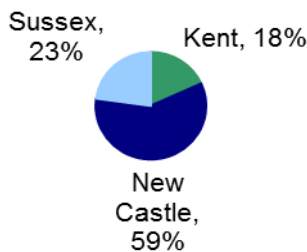
## POPULATION

Delaware's three counties continued their increasing population trend, though they grew at different rates. Between 2000 and 2014, 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.

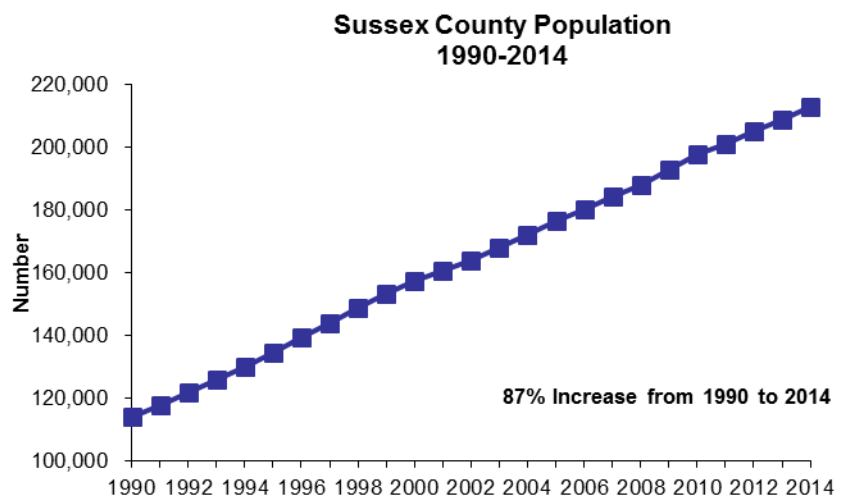
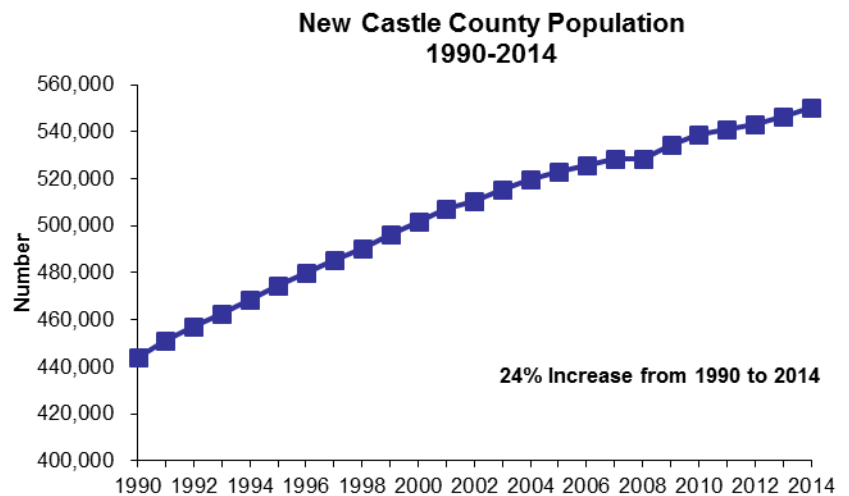
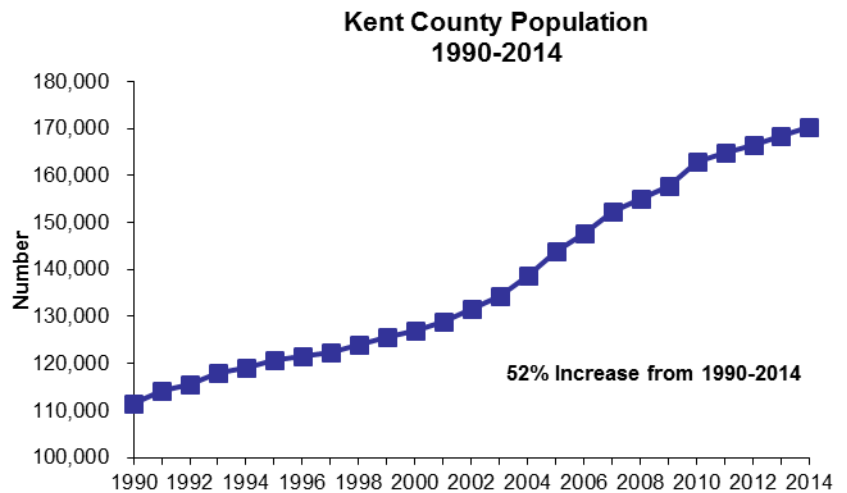
In 2014, just over half of Delaware's 65 and older population resided in New Castle County. However, residents 65 and older represented a much larger proportion of the Sussex County population, where 1 in 4 residents was 65 or older, versus New Castle and Kent counties, where approximately 1 in 7 residents was 65 or older.

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

**Percent of Population by County  
Delaware, 2014**



**Delaware Resident Population by County, 1990-2014**

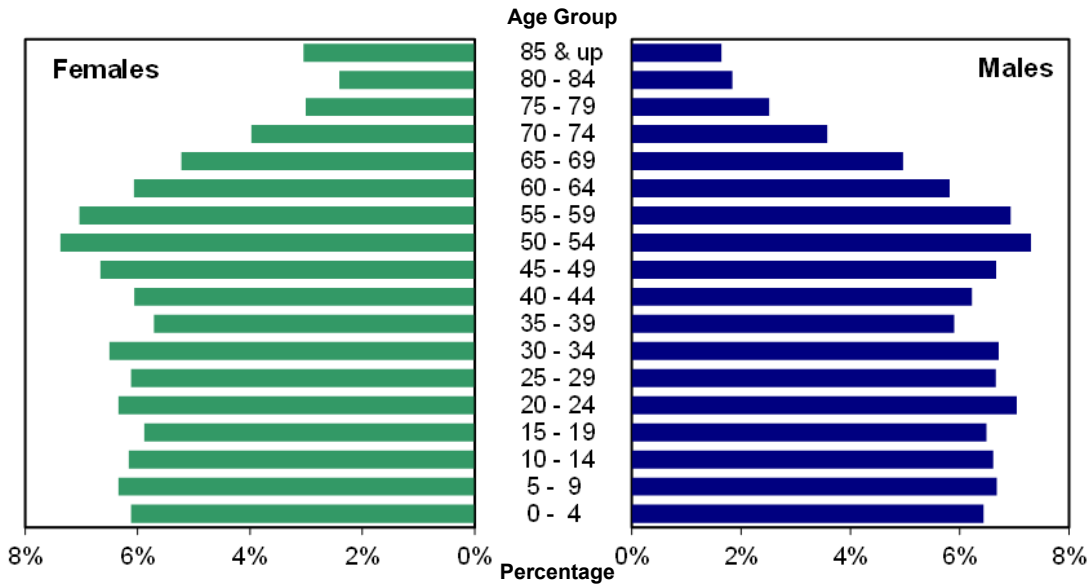


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## POPULATION

In 2014, 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 2014, Delaware females could expect to live an average of 82.1 years versus males who could expect to live 76.9 years.

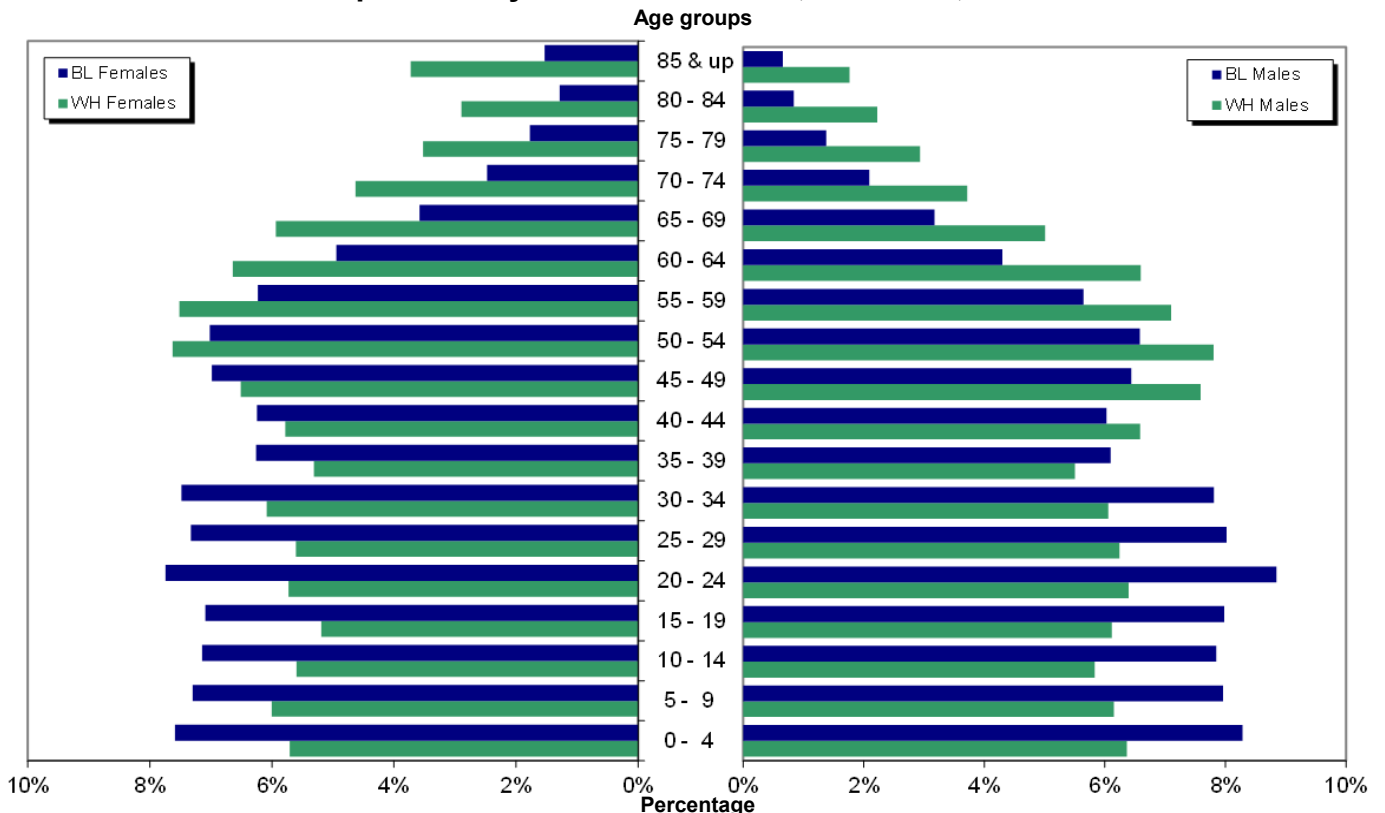
### Population by Gender and Age, Delaware, 2014



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

When the population was broken down by race, the higher proportion of females in the older age groups appeared in the black population. However, both black males and females had a greater percentage of their population in the 0-39 year age range than white males and females. In the 45 and above age range, whites made up a greater proportion of the population.

### Population by Gender and Race, Delaware, 2014



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

DELAWARE, COUNTIES, CITY OF DOVER, CITY OF NEWARK, AND CITY OF WILMINGTON, 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

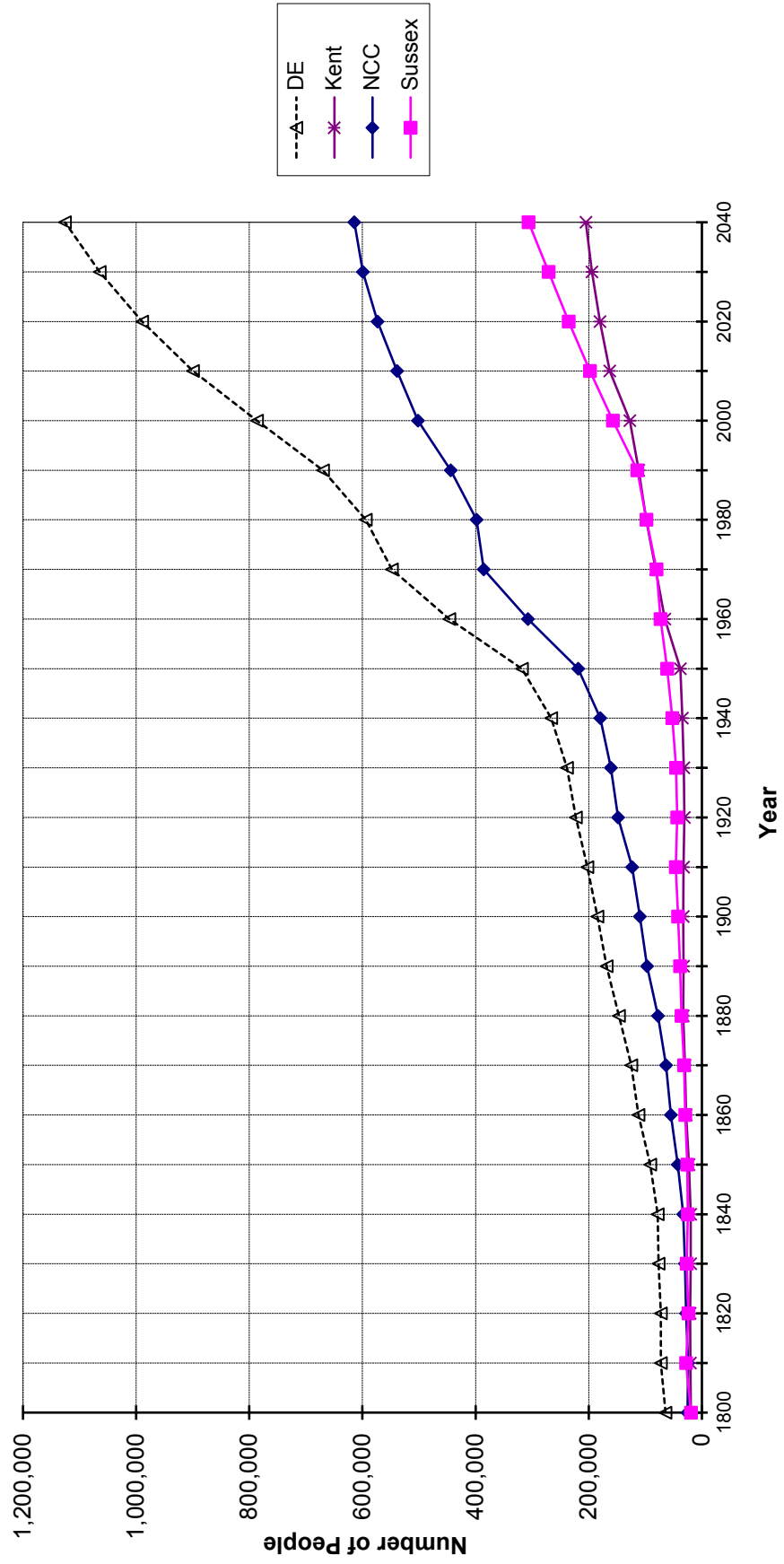
Note:

\*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

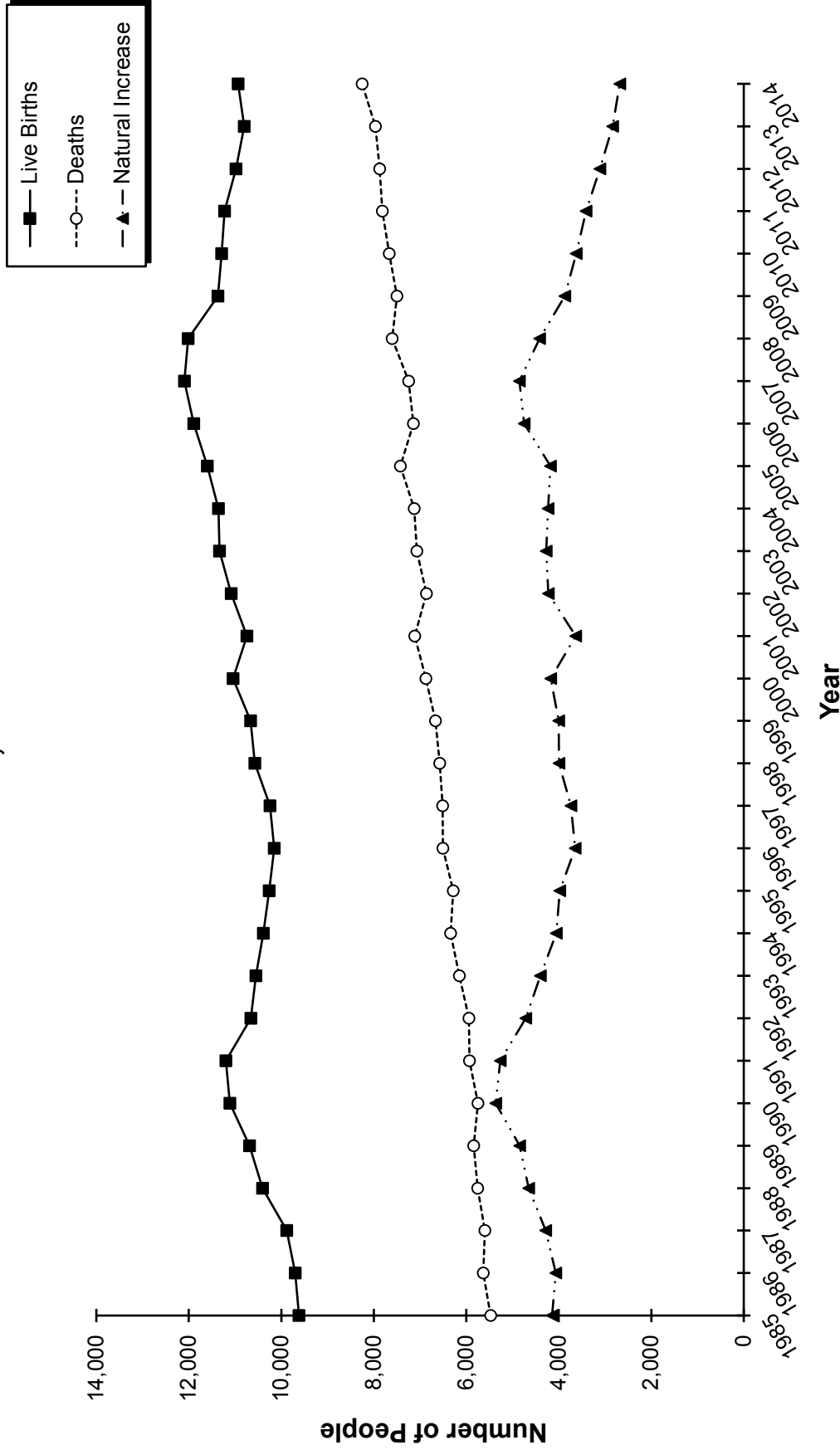
POPSEX

**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, 1985-2014**



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

TABLE A-2  
POPULATION ESTIMATES BY SEX, RACE AND AGE  
DELAWARE, COUNTIES, CITY OF DOVER, CITY OF NEWARK, AND CITY OF WILMINGTON, 2014

Area/ Sex/Race	Age																		
	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
<b>Delaware</b>	933141	58519	60696	59526	57640	62356	59540	61631	54122	57275	62177	68480	65155	55487	47530	35270	25800	19904	22033
Male	453846	29213	30315	30012	29450	31965	30223	30469	26772	28234	30240	33146	31447	26408	22520	16226	11408	8358	7440
White	321259	19304	20311	19178	18366	20134	19831	19962	17625	19105	21502	24686	24460	21153	18556	13638	9588	7284	6576
Black	99046	8206	7884	7775	7905	8762	7944	7735	6038	5973	6380	6518	5595	4259	3147	2072	1365	834	654
Female	479295	29306	30381	29514	28190	30391	29317	31162	27350	29041	31937	35334	33708	29079	25010	19044	14392	11546	14593
White	338783	19337	20341	18960	17578	19395	18990	20607	18001	19577	22055	25843	25457	22490	20110	15679	11940	9798	12625
Black	109026	8273	7957	7786	7732	8441	7990	8158	6826	6810	7614	7650	6790	5391	3905	2696	1934	1402	1671
<b>Kent</b>	170178	11499	11562	11518	11335	12147	12268	12191	10235	10113	11214	12639	11258	8853	7615	5563	4199	3126	2843
Male	81870	5741	5771	5775	5759	6240	6095	5936	4956	4755	5392	6088	5297	4128	3522	2495	1773	1282	865
White	56804	3926	3929	3874	3751	4046	4067	3631	3236	3326	3884	4438	3973	3091	2681	1939	1355	989	668
Black	20164	1621	1603	1595	1565	1811	1670	1934	1303	1055	1118	1215	1029	846	658	457	312	224	148
Female	88308	5758	5791	5743	5576	5907	6173	6255	5279	5358	5822	6551	5961	4725	4093	3068	2426	1844	1978
White	60244	3928	3930	3837	3583	3886	4126	3693	3205	3641	4039	4647	4213	3383	3014	2329	1846	1403	1541
Black	22430	1636	1622	1605	1578	1628	1680	2213	1647	1264	1340	1463	1335	1035	801	546	409	301	327
<b>New Castle</b>	550044	34419	36555	36131	35684	38646	35616	38483	34444	36326	38527	40366	37465	30802	25348	17905	12501	9508	11318
Male	267564	17167	18236	18195	18240	19757	18241	18879	16994	18000	18730	19613	18189	14463	11852	8123	5453	3795	3637
White	179219	10406	11533	11209	10859	11891	11403	12222	10945	11643	12685	13953	13404	10908	9194	6404	4288	3163	3109
Black	66016	5444	5173	5184	5273	5819	5154	4817	4012	4226	4455	4443	3870	2893	2131	1365	875	490	392
Female	282480	17252	18319	17936	18889	18889	17375	19604	17450	18326	19797	20753	19276	16339	13496	9782	7048	5713	7681
White	188799	10447	11589	11102	10360	11456	10565	12985	11342	11653	12832	14355	13758	11900	10214	7609	5498	4672	6462
Black	72752	5494	5222	5181	5172	5712	5188	4940	4439	4854	5397	5232	4622	3678	2639	1786	1258	874	1064
Wilmington*	70358	5589	5114	4699	4232	5398	5608	5514	4834	4760	4433	4417	4198	3508	2769	1914	1317	965	1089
Male	34563	2852	2627	2427	2194	2744	2811	2899	2468	2485	2244	2198	2025	1599	1192	753	480	303	262
White	12301	791	753	682	481	760	1115	1154	1032	1056	802	759	792	644	558	368	220	166	168
Black	19380	1804	1654	1543	1491	1671	1417	1412	1193	1220	1283	1311	1149	862	567	352	235	128	88
Female	35795	2737	2487	2272	2038	2654	2797	2615	2366	2275	2189	2219	2173	1909	1577	1161	837	662	827
White	11962	743	681	578	405	661	984	890	876	831	629	657	737	765	738	549	374	350	514
Black	21193	1745	1600	1522	1448	1729	1538	1450	1303	1269	1401	1441	1344	1048	766	565	428	297	299
<b>Sussex</b>	212919	12601	12579	11877	10621	11563	11656	10957	9443	10836	12436	15475	16432	15832	14567	11802	9100	7270	7872
Male	104412	6305	6308	6042	5451	5968	5887	5654	4822	5479	6118	7445	7961	7817	7146	5608	4182	3281	2938
White	85236	4972	4849	4095	3756	4197	4361	4109	3444	4136	4933	6295	7083	7154	6681	5295	3945	3132	2799
Black	12866	1141	1108	996	1067	1132	1120	984	723	692	807	860	696	520	358	250	178	120	114
Female	108507	6296	6271	5835	5170	5595	5769	5303	4621	5357	6318	8030	8471	8015	7421	6194	4918	3989	4934
White	89740	4962	4822	4021	3635	4053	4299	3929	3454	4283	5184	6841	7486	7207	6882	5741	4596	3723	4622
Black	13844	1143	1113	1000	982	1101	1122	1005	740	692	877	955	833	678	465	364	267	227	280

POPSRA

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 5,633 marriages and 3,047 divorces in Delaware in 2014 (see Tables B-1 and B-11). Over half of all divorces in 2014 were of marriages that lasted less than 10 years.

### Marriage

#### Male

Youngest: 18  
Oldest: 92

#### Female

Youngest: 17  
Oldest: 86

Marriage with the greatest age difference between bride and groom: 49 years.

Most popular month to get married: May (see Table B-9).

### Divorce

#### Male

Youngest: 19  
Oldest: 96

#### Female

Youngest: 19  
Oldest: 87

Shortest duration of marriage: 104 days.

Longest duration of marriage: 59 years.

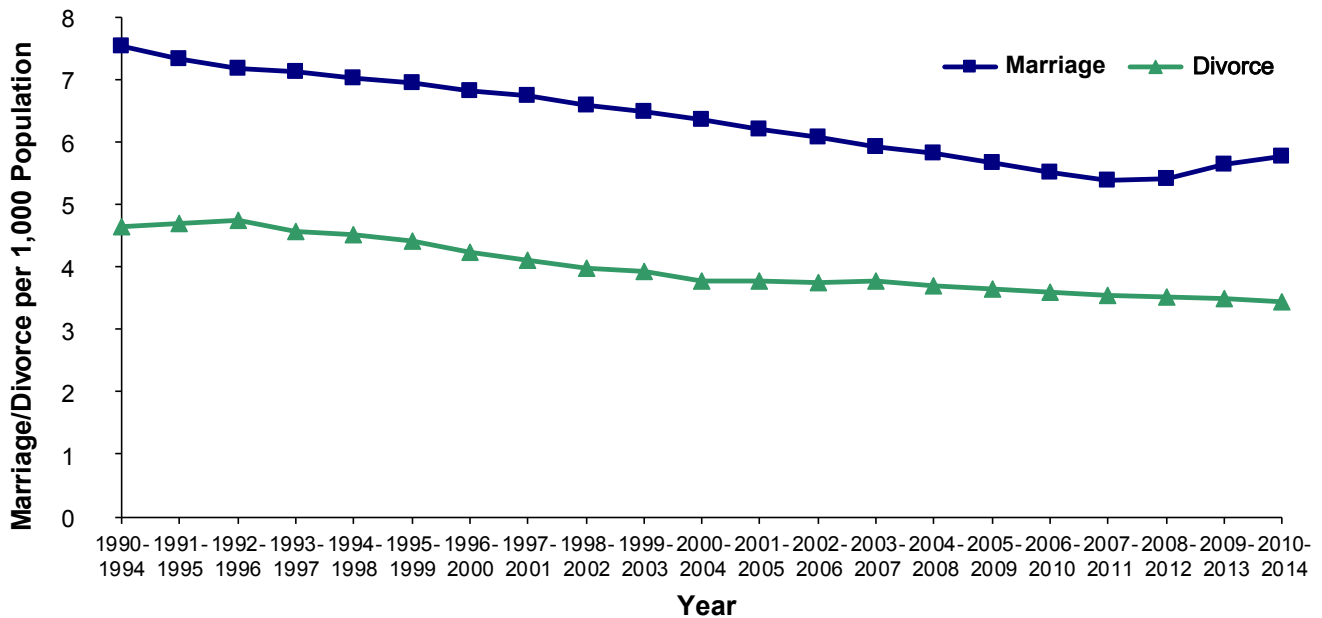
Median duration of marriage: 9 years (see Table B-16).

Total children under 18 years of age: 1,301 (see Table B-18).

Between 1990-1994 and 2010-2014, the five-year average marriage rate decreased from 7.5 to 5.8 marriages per 1,000 population.

Divorce rates remained fairly stable between 1990-1994 and 1992-1996. From 1992-1996, divorce rates declined 26 percent to 3.5 divorces per 1,000 population in 2010-2014.

**Five-year Average Marriage and Divorce Rates per 1,000 Population, Delaware, 1990-2014**



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

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TABLE B-1  
NUMBER OF MARRIAGES BY PLACE OF CEREMONY  
U.S., DELAWARE AND COUNTIES, 1994-2014

Year	U.S.	Delaware	Kent	New Castle	Sussex
1994	2362000	5080	1000	3028	1052
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

FYAMAR1

**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

U.S., DELAWARE AND COUNTIES, 1994-2014

Years	U.S.	Delaware	Kent	New Castle	Sussex
1994-1998	8.8	7.0	8.2	6.4	8.1
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

**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, 2014

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	3983	92.9	74	7.7	9	29.0	68	52.3	71	31.0
Black	204	4.8	867	90.7	2	6.5	5	3.8	21	9.2
American Indian	8	0.2	2	0.2	18	58.1	0	0.0	2	0.9
Asian/Pacific Islander	35	0.8	2	0.2	2	6.5	56	43.1	1	0.4
Other/Unknown	57	1.3	11	1.2	0	0.0	1	0.8	134	58.5

GRBRR1

**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, 2014

Previous Marital Status	Race					
	All Races		White		Black	
	Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>						
Single	3858	68.5	2906	69.1	683	62.1
Widowed	89	1.6	62	1.5	25	2.3
Divorced	1686	29.9	1237	29.4	391	35.6
<b>Bride</b>						
Single	3929	69.7	2985	69.6	639	66.8
Widowed	91	1.6	68	1.6	19	2.0
Divorced	1613	28.6	1234	28.8	298	31.2

GRBRR2

**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, 2014

Marriage Order	Type of Ceremony	Race					
		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>							
First Marriage	Civil	2689	69.7	2164	74.5	394	57.7
	Religious	1169	30.3	742	25.5	289	42.3
Remarriage	Civil	1197	67.4	919	70.7	245	58.9
	Religious	578	32.6	380	29.3	171	41.1
<b>Bride</b>							
First Marriage	Civil	2744	69.8	2230	74.7	360	56.3
	Religious	1185	30.2	755	25.3	279	43.7
Remarriage	Civil	1142	67.0	905	69.5	204	64.4
	Religious	562	33.0	397	30.5	113	35.6

RCORDRTYPE1

**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, 2014

Marriage Order	Race					
	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Groom</b>						
First Marriage	30	33	30	33	31	33
Remarriage	47	47	48	48	47	47
<b>Bride</b>						
First Marriage	28	31	28	32	30	32
Remarriage	44	45	44	45	45	45

RCORDRTYPE 2

**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, 2014

Marriage Order	Age	Race						
		All Races		White		Black		
		Number	Percent	Number	Percent	Number	Percent	
<b>Groom</b>								
All Marriages	<20	41	0.7	27	0.6	11	1.0	
	20-29	1877	33.3	1440	34.2	298	27.1	
	30-39	1703	30.2	1225	29.1	350	31.8	
	40-49	875	15.5	605	14.4	231	21.0	
	50-64	908	16.1	708	16.8	183	16.7	
	65+	229	4.1	200	4.8	26	2.4	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	41	1.1	27	0.9	11	1.6
		20-29	1787	46.3	1375	47.3	277	40.6
		30-39	1263	32.7	911	31.3	251	36.7
		40-49	391	10.1	267	9.2	104	15.2
		50-64	314	8.1	267	9.2	38	5.6
		65+	62	1.6	59	2.0	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	90	5.1	65	5.0	21	5.0	
	30-39	440	24.8	314	24.2	99	23.8	
	40-49	484	27.3	338	26.0	127	30.5	
	50-64	594	33.5	441	33.9	145	34.9	
	65+	167	9.4	141	10.9	24	5.8	
	Unk	0	0.0	0	0.0	0	0.0	
<b>Bride</b>								
All Marriages	<20	108	1.9	74	1.7	17	1.8	
	20-29	2248	39.9	1746	40.7	307	32.1	
	30-39	1550	27.5	1132	26.4	315	32.9	
	40-49	793	14.1	572	13.3	167	17.5	
	50-64	766	13.6	610	14.2	137	14.3	
	65+	168	3.0	153	3.6	13	1.4	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	107	2.7	74	2.5	17	2.7
		20-29	2118	53.9	1647	55.2	283	44.3
		30-39	1078	27.4	770	25.8	236	36.9
		40-49	290	7.4	200	6.7	67	10.5
		50-64	278	7.1	240	8.0	33	5.2
		65+	58	1.5	54	1.8	3	0.5
		Unk	0	0.0	0	0.0	0	0.0
Remarriage	<20	1	0.1	0	0.0	0	0.0	
	20-29	130	7.6	99	7.6	24	7.6	
	30-39	472	27.7	362	27.8	79	24.9	
	40-49	503	29.5	372	28.6	100	31.5	
	50-64	488	28.6	370	28.4	104	32.8	
	65+	110	6.5	99	7.6	10	3.2	
	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

AGEBYRCORDR

TABLE B-8  
 NUMBER OF MARRIAGES BY MARRIAGE ORDER AND AGE OF BRIDE  
 BY MARRIAGE ORDER AND AGE OF GROOM  
 DELAWARE, 2014

Marriage Order of Groom	Age of Groom \ Age of Bride	Marriage Order of Bride												ORDRBYAGE				
		First Marriage						Remarriage										
		<20	20-29	30-39	40-49	50-64	65+	Unk	<20	20-29	30-39	40-49	50-64		65+	Unk		
First Marriage	<20	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	77	1430	146	12	1	0	0	0	0	0	1	58	47	14	1	0	0
	30-39	3	421	577	28	2	0	0	0	0	0	0	34	151	41	6	0	0
	40-49	1	28	103	77	39	0	0	0	0	0	0	3	27	84	26	3	0
	50-64	0	3	9	60	135	18	0	0	0	0	0	0	2	20	55	12	0
	65+	0	1	1	5	15	27	0	0	0	0	0	0	0	1	6	6	0
Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Remarriage	<20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	2	59	11	0	0	0	0	0	0	0	0	8	7	2	1	0	0
	30-39	1	119	131	16	0	0	0	0	0	0	0	21	127	19	6	0	0
	40-49	0	30	70	49	9	0	0	0	0	0	0	4	94	187	41	0	0
	50-64	0	10	28	38	56	6	0	0	0	0	0	1	17	128	289	21	0
	65+	0	0	2	5	21	7	0	0	0	0	0	0	0	7	57	68	0
Unk	0	0	0	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, 2014

Month	Number	Percent
January	229	4.1
February	283	5.0
March	316	5.6
April	467	8.3
May	697	12.4
June	625	11.1
July	481	8.5
August	559	9.9
September	656	11.6
October	633	11.2
November	355	6.3
December	332	5.9
Total	5633	100.0

DAYMONT1

**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, 2014

Day	Number	Percent
Sunday	434	7.7
Monday	180	3.2
Tuesday	236	4.2
Wednesday	999	17.7
Thursday	218	3.9
Friday	784	13.9
Saturday	2782	49.4
Total	5633	100.0

DAYMONT2

**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  
DELAWARE AND COUNTIES, 1994-2014

Year	Delaware	Kent	New Castle	Sussex
1994	3551	707	2152	692
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

FYADIV1

**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  
DELAWARE AND COUNTIES, 1994-2014

Years	Delaware	Kent	New Castle	Sussex
1994-1998	4.5	5.8	4.1	4.9
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	3.5
2010-2014	3.5	4.2	3.2	3.5

FYADIV2

**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, 2014

Race of Husband	Race of Wife								
	White	Black	American Indian	Chinese	Hawaiian	Filipino	Other Asian	Other Race	Not Classifiable
White	2017	33	9	2	1	7	15	13	1
Black	111	699	5	2	0	2	8	7	6
American Indian	8	1	3	0	0	0	0	0	0
Chinese	1	0	0	2	0	0	0	0	0
Hawaiian	2	0	0	0	1	0	0	0	0
Filipino	4	0	0	0	0	5	0	0	0
Other Asian	6	0	0	2	0	1	34	2	0
Other Race	6	4	0	1	0	0	1	4	0
Not Classifiable	1	0	0	0	0	0	0	0	20

RACE

**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, 2014

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

AGENUMRC

**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, 2014

Marriage Order	Age	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	<20	1	0.0	1	0.0	0	0.0	9	0.3	6	0.3	3	0.4
	20-29	349	11.5	251	12.0	84	10.0	488	16.0	371	17.2	82	11.1
	30-39	896	29.4	633	30.2	222	26.4	951	31.2	676	31.4	221	30.0
	40-49	898	29.5	592	28.2	278	33.1	850	27.9	587	27.2	228	30.9
	50-64	701	23.0	488	23.3	194	23.1	595	19.5	423	19.6	147	19.9
	65+	139	4.6	97	4.6	37	4.4	73	2.4	53	2.5	18	2.4
	Unk	63	2.1	36	1.7	25	3.0	81	2.7	40	1.9	38	5.2
	<20	1	0.0	1	0.1	0	0.0	8	0.4	5	0.4	3	0.6
	20-29	335	15.9	242	16.6	79	13.9	457	22.6	348	24.4	78	15.8
	30-39	751	35.7	534	36.7	181	31.9	739	36.5	527	37.0	169	34.3
40-49	603	28.7	393	27.0	191	33.6	491	24.3	322	22.6	151	30.6	
50-64	329	15.7	237	16.3	87	15.3	253	12.5	183	12.8	60	12.2	
65+	42	2.0	28	1.9	12	2.1	22	1.1	14	1.0	7	1.4	
Unk	40	1.9	21	1.4	18	3.2	53	2.6	27	1.9	25	5.1	
<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
20-29	10	1.5	9	1.9	1	0.5	21	3.1	18	3.6	2	1.3	
30-39	110	16.5	79	17.1	28	15.2	145	21.5	107	21.5	32	21.2	
40-49	227	34.0	158	34.1	64	34.8	257	38.2	188	37.8	58	38.4	
50-64	239	35.8	161	34.8	69	37.5	204	30.3	150	30.1	49	32.5	
65+	65	9.7	45	9.7	17	9.2	36	5.3	27	5.4	8	5.3	
Unk	16	2.4	11	2.4	5	2.7	10	1.5	8	1.6	2	1.3	
<20	0	0.0	0	0.0	0	0.0	1	0.5	1	0.6	0	0.0	
20-29	1	0.5	0	0.0	1	1.8	1	0.5	0	0.0	1	2.3	
30-39	13	6.6	10	7.2	3	5.4	24	11.0	20	12.3	1	2.3	
40-49	42	21.2	28	20.3	14	25.0	67	30.6	50	30.9	13	29.5	
50-64	109	55.1	77	55.8	29	51.8	109	49.8	77	47.5	26	59.1	
65+	31	15.7	23	16.7	8	14.3	12	5.5	11	6.8	1	2.3	
Unk	2	1.0	0	0.0	1	1.8	5	2.3	3	1.9	2	4.5	
<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
20-29	3	3.7	0	0.0	3	9.4	9	6.8	5	7.1	1	2.0	
30-39	22	27.2	10	24.4	10	31.3	43	32.6	22	31.4	19	38.8	
40-49	26	32.1	13	31.7	9	28.1	35	26.5	27	38.6	6	12.2	
50-64	24	29.6	13	31.7	9	28.1	29	22.0	13	18.6	12	24.5	
65+	1	1.2	1	2.4	0	0.0	3	2.3	1	1.4	2	4.1	
Unk	5	6.2	4	9.8	1	3.1	13	9.8	2	2.9	9	18.4	

AGENUMRC\_DET

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, 2014

Number of Marriage	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Husband</b>						
All Marriages	9.3	11.8	9.7	12.1	8.6	11.0
First Marriage	9.7	12.3	10.0	12.7	9.2	11.8
Second Marriage	8.7	10.7	8.9	11.0	8.0	10.1
Third Marriage+	6.3	8.5	7.6	9.5	4.6	6.3
Not Stated	11.0	13.4	13.2	15.3	8.8	10.1
<b>Wife</b>						
All Marriages	9.3	11.8	9.7	12.1	8.9	11.3
First Marriage	9.5	12.2	9.7	12.4	9.5	12.1
Second Marriage	9.1	10.8	9.5	11.3	7.9	9.5
Third Marriage+	7.2	9.4	7.6	10.3	5.3	6.8
Not Stated	11.1	13.2	11.7	13.3	9.6	13.6

DURNUMRC

**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, 2014

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	63	2.1	45	2.1	15	1.8	63	2.1	47	2.2	13	1.8
	1-4	747	24.5	484	23.1	230	27.4	747	24.5	504	23.4	195	26.5
	5-9	796	26.1	547	26.1	219	26.1	796	26.1	563	26.1	187	25.4
	10-14	518	17.0	355	16.9	147	17.5	518	17.0	370	17.2	126	17.1
	15-19	352	11.6	250	11.9	92	11.0	352	11.6	256	11.9	84	11.4
	20-24	243	8.0	178	8.5	56	6.7	243	8.0	173	8.0	60	8.1
	25-29	141	4.6	111	5.3	27	3.2	141	4.6	116	5.4	22	3.0
	30+	146	4.8	106	5.1	36	4.3	146	4.8	107	5.0	33	4.5
	Not Stated	41	1.3	22	1.0	18	2.1	41	1.3	20	0.9	17	2.3
First Marriage	<1	43	2.0	30	2.1	10	1.8	38	1.9	30	2.1	6	1.2
	1-4	494	23.5	329	22.6	142	25.0	508	25.1	349	24.5	125	25.4
	5-9	529	25.2	363	24.9	142	25.0	498	24.6	355	24.9	116	23.5
	10-14	346	16.5	234	16.1	102	18.0	322	15.9	225	15.8	86	17.4
	15-19	246	11.7	175	12.0	65	11.4	238	11.8	167	11.7	61	12.4
	20-24	189	9.0	136	9.3	47	8.3	169	8.4	116	8.1	44	8.9
	25-29	115	5.5	92	6.3	21	3.7	107	5.3	88	6.2	17	3.4
	30+	113	5.4	82	5.6	29	5.1	119	5.9	86	6.0	28	5.7
	Not Stated	26	1.2	15	1.0	10	1.8	24	1.2	10	0.7	10	2.0
Second Marriage	<1	13	1.9	9	1.9	4	2.2	12	1.8	9	1.8	3	2.0
	1-4	172	25.8	114	24.6	52	28.3	160	23.8	108	21.7	46	30.5
	5-9	190	28.5	133	28.7	53	28.8	193	28.7	143	28.7	42	27.8
	10-14	121	18.1	88	19.0	29	15.8	130	19.3	99	19.9	22	14.6
	15-19	79	11.8	52	11.2	23	12.5	86	12.8	66	13.3	19	12.6
	20-24	38	5.7	29	6.3	8	4.3	44	6.5	32	6.4	12	7.9
	25-29	21	3.1	15	3.2	6	3.3	24	3.6	22	4.4	2	1.3
	30+	25	3.7	19	4.1	5	2.7	17	2.5	16	3.2	1	0.7
	Not Stated	8	1.2	4	0.9	4	2.2	7	1.0	3	0.6	4	2.6
Third Marriage and more	<1	7	3.5	6	4.3	1	1.8	12	5.5	7	4.3	4	9.1
	1-4	69	34.8	38	27.5	28	50.0	62	28.3	41	25.3	17	38.6
	5-9	57	28.8	43	31.2	13	23.2	69	31.5	51	31.5	12	27.3
	10-14	31	15.7	22	15.9	9	16.1	31	14.2	24	14.8	6	13.6
	15-19	18	9.1	16	11.6	2	3.6	14	6.4	10	6.2	3	6.8
	20-24	8	4.0	7	5.1	1	1.8	20	9.1	18	11.1	2	4.5
	25-29	3	1.5	3	2.2	0	0.0	4	1.8	4	2.5	0	0.0
	30+	2	1.0	2	1.4	0	0.0	4	1.8	4	2.5	0	0.0
	Not Stated	3	1.5	1	0.7	2	3.6	3	1.4	3	1.9	0	0.0
Not Stated	<1	0	0.0	0	0.0	0	0.0	1	0.5	1	1.4	0	0.0
	1-4	12	14.8	3	7.3	8	25.0	17	7.8	6	8.6	7	14.3
	5-9	20	24.7	8	19.5	11	34.4	36	16.4	14	20.0	17	34.7
	10-14	20	24.7	11	26.8	7	21.9	35	16.0	22	31.4	12	24.5
	15-19	9	11.1	7	17.1	2	6.3	14	6.4	13	18.6	1	2.0
	20-24	8	9.9	6	14.6	0	0.0	10	4.6	7	10.0	2	4.1
	25-29	2	2.5	1	2.4	0	0.0	6	2.7	2	2.9	3	6.1
	30+	6	7.4	3	7.3	2	6.3	6	2.7	1	1.4	4	8.2
Not Stated	4	4.9	2	4.9	2	6.3	7	3.2	4	5.7	3	6.1	

DURNUMRC\_DET

**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, 2014

Number of Children Under 18	Race							
	All Races		White		Black		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Husband</b>	3047	100.0	2098	100.0	840	100.0	109	100.0
None	1746	57.3	1162	55.4	518	61.7	66	60.6
1	566	18.6	410	19.5	136	16.2	20	18.3
2	523	17.2	397	18.9	109	13.0	17	15.6
3	160	5.3	101	4.8	55	6.5	4	3.7
4	46	1.5	24	1.1	20	2.4	2	1.8
5+	6	0.2	4	0.2	2	0.2	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
<b>Wife</b>	3047	100.0	2156	100.0	737	100.0	154	100.0
None	1746	57.3	1187	55.1	466	63.2	93	60.4
1	566	18.6	418	19.4	117	15.9	31	20.1
2	523	17.2	410	19.0	93	12.6	20	13.0
3	160	5.3	109	5.1	43	5.8	8	5.2
4	46	1.5	28	1.3	17	2.3	1	0.6
5+	6	0.2	4	0.2	1	0.1	1	0.6
Unknown	0	0.0	0	0.0	0	0.0	0	0.0

CHILD

**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



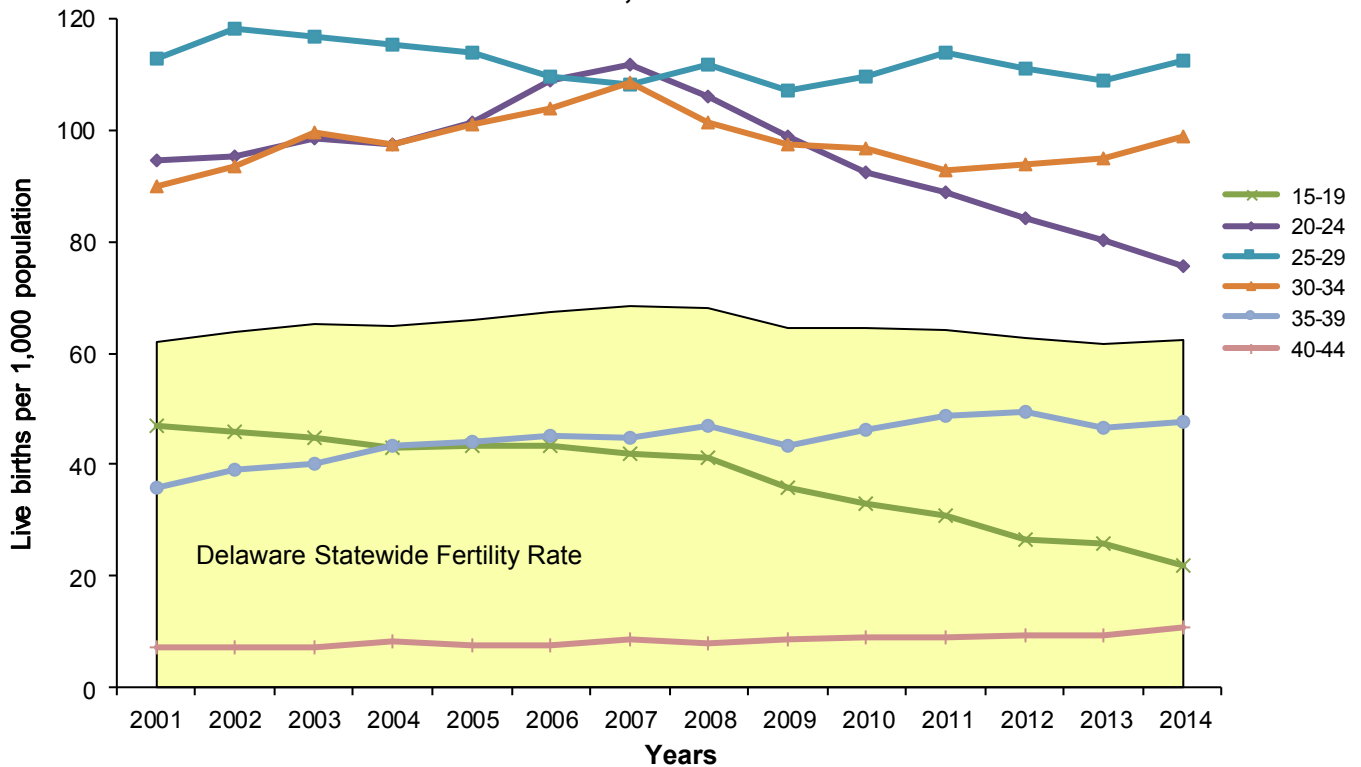
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## LIVE BIRTHS

In 2014, there were 11,489 births in Delaware; 10,461 were to Delaware residents and 1,028 were to non-residents. Additionally, 473 births to Delaware residents occurred out of state, for a total of 10,934 Delaware resident births, 132 more births to Delaware residents than in 2013.

The recent national declines in general fertility and live birth rates were also apparent in Delaware statistics. From 2007 to 2014, Delaware's general fertility rate (number of births per 1,000 women aged 15-44 years) declined from a high of 68.5 to 62.4 births per 1,000 women ages 15-44. The birth rate of teens (15-19) exhibited the largest decline at 48.2 percent, followed by a 32.2 percent decrease for women ages 20-24. Birth rates for women ages 30-34 years decreased by 8.2 percent. For women ages 35-39 and 40-44 the birth rate increased, with the 40-44 age group having the larger increase of the two (22 percent).

**Annual Fertility and Age-Specific Live Birth Rates  
Delaware, 2001-2014**



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

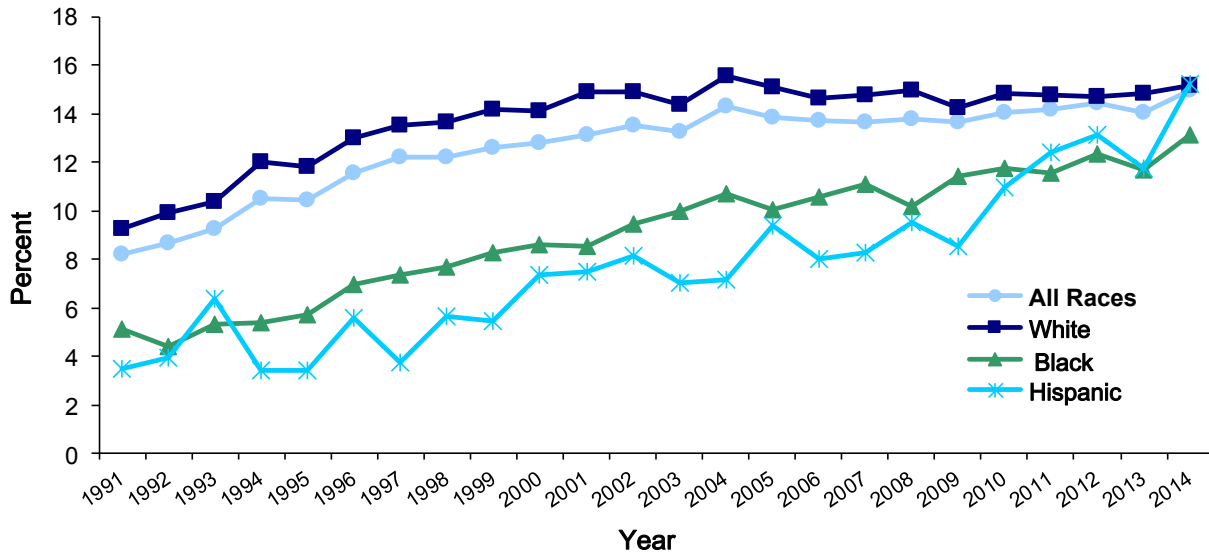
The 2010 to 2014 decline seen in teens ages 15-19 was apparent in both the 15-17 and 18-19 age groups. Birth rates among teens ages 15-17 decreased 38.8 percent while birth rates among teens 18-19 fell 31.1 percent. Sussex County had the highest birth rate for teens in both age groups, followed by Kent 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 1990 and 2004, the percentage of births to women 35 and older exhibited a clear upward trend that continues to rise. In 2014, 14.9 percent of all births were to women 35 and older, an 82 percent increase since 1991.

**Annual Percent of Live Births to Women 35 or Older by Race and Hispanic Origin\*, Delaware, 1991-2014**

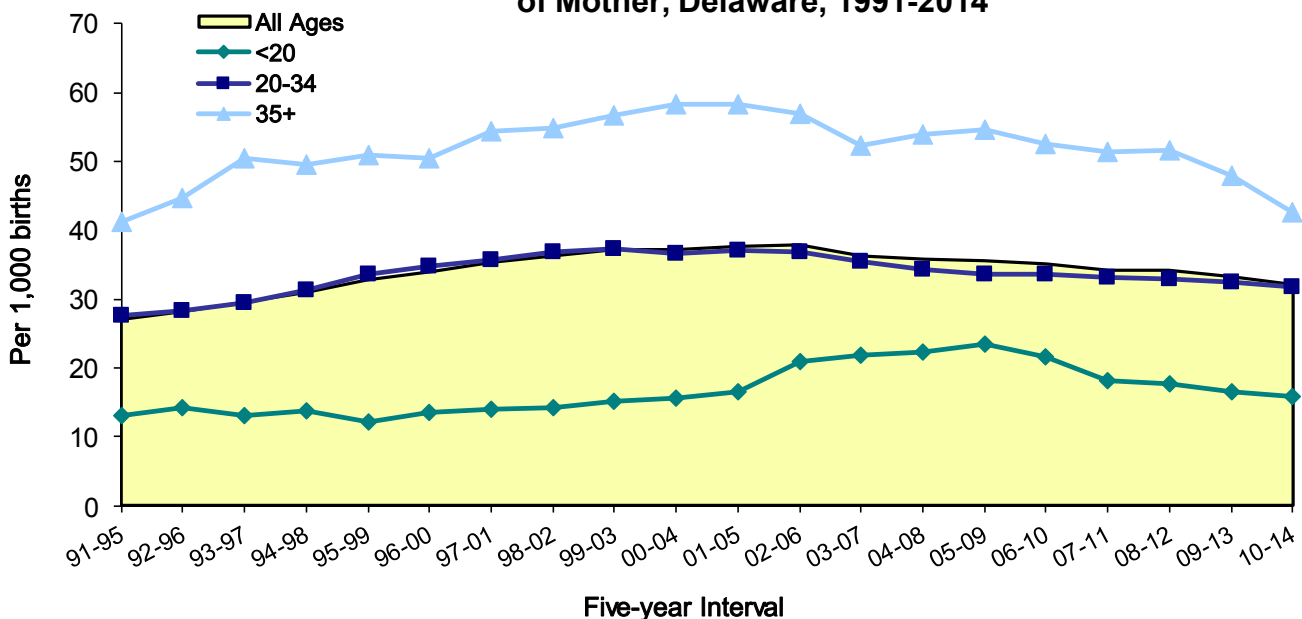


\* Note: Hispanic can be of any race

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 18 percent between 1991-1995 and 2010-2014. In 2010-2014, older mothers (35+) had the highest plural birth rates, at 43 multiples per 1,000 births, almost three times that of mothers under 20, and 35 percent higher than mothers 20-34.

**Five-year Average Plural Birth Rate by Age of Mother, Delaware, 1991-2014**



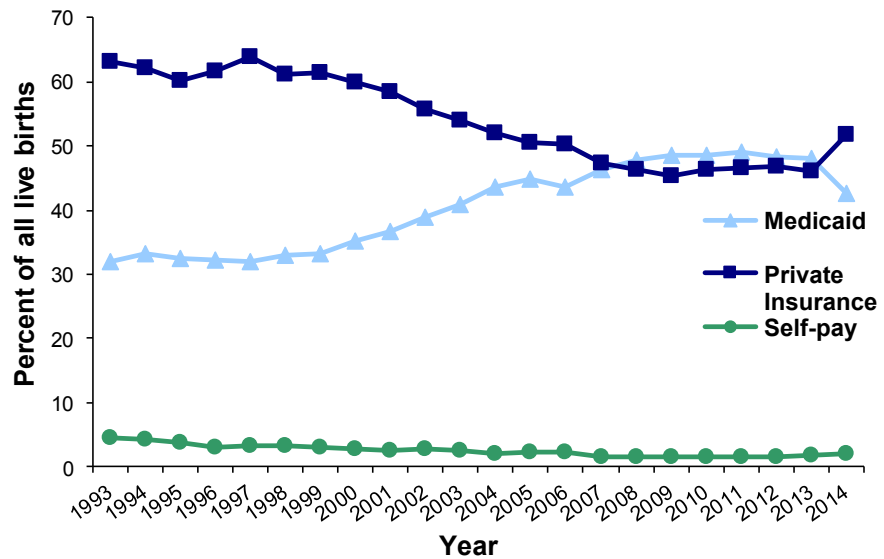
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## LIVE BIRTHS

In 2014, 94 percent of live births had either private insurance or Medicaid listed as the primary source of payment; the remaining 6 percent were split between other government coverage and self-pay.

- In 2014, private insurance paid for more births than Medicaid.
- Medicaid was still the primary source of payment for the majority of mothers under 20, covering 84 percent of black mothers and 77.4 percent of white mothers.

**Percent of Births by Source of Payment for Delivery Delaware, 1993-2014**

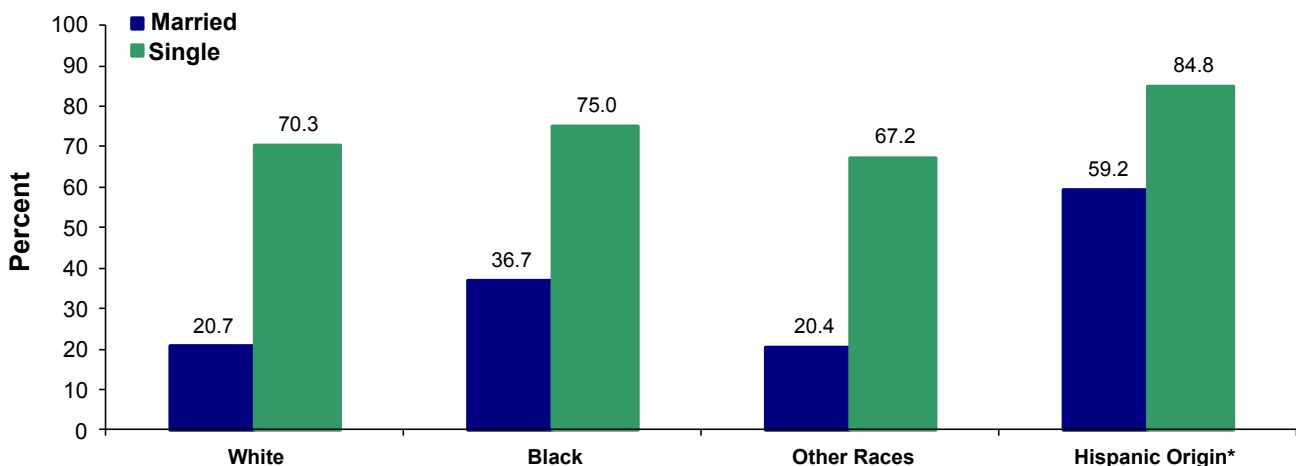


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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 (70.3 percent) was more than triple that of white married women (20.7 percent).
- The number of single black women who used Medicaid as their primary source of payment (75 percent) was more than double that of black married women (36.7 percent).
- The number of single women of other race who used Medicaid as their primary source of payment (67.2 percent) was more than three times higher than among married women of other races (20.4 percent).
- The number of single Hispanic women who used Medicaid as their primary source of payment (84.8 percent) was significantly higher than Hispanic married women (59.2 percent).

**Percent of Births by Race, Hispanic Origin, Marital Status, and Medicaid as Primary Source of Payment, Delaware, 2014**



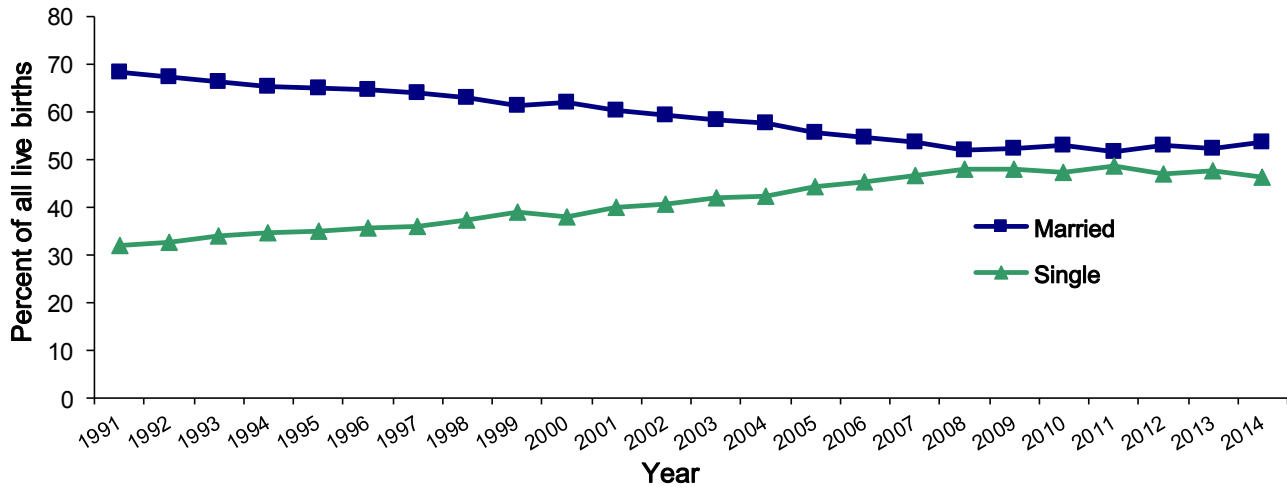
\* Note: Hispanic can be of any race.

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

## LIVE BIRTHS

After increasing steadily from 1991 to 2008, the percent of births to unmarried women stabilized. The number of births to unmarried women fell to 3.3 percent since 2008, compared to a 3 percent increase in births to married women during that same time period. In 2014, 46.4 percent of all births were to unmarried women.

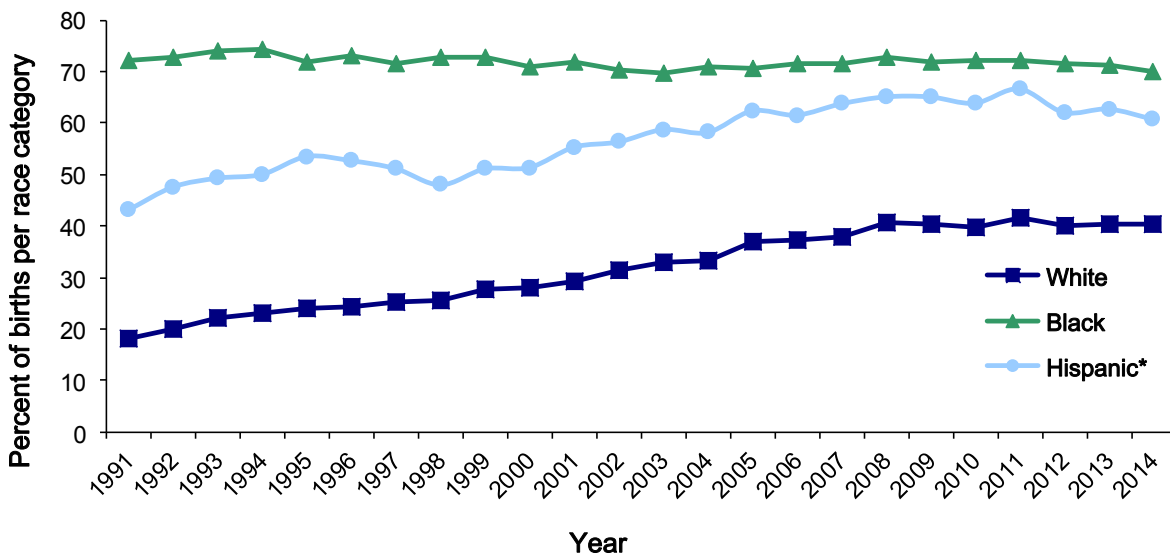
### Annual Percent of Births by Mother's Marital Status, Delaware, 1991-2014



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 1991 and 2014, the percentage of births to unmarried white women increased from 18 to 40 percent, and the percentage of births to unmarried Hispanic women rose from 43 to 61 percent. During the same time period, the percent of births to unmarried black women remained stable at approximately 70 percent.

### Percent of Live Births to Unmarried Women by Race and Ethnicity Delaware, 1991-2014

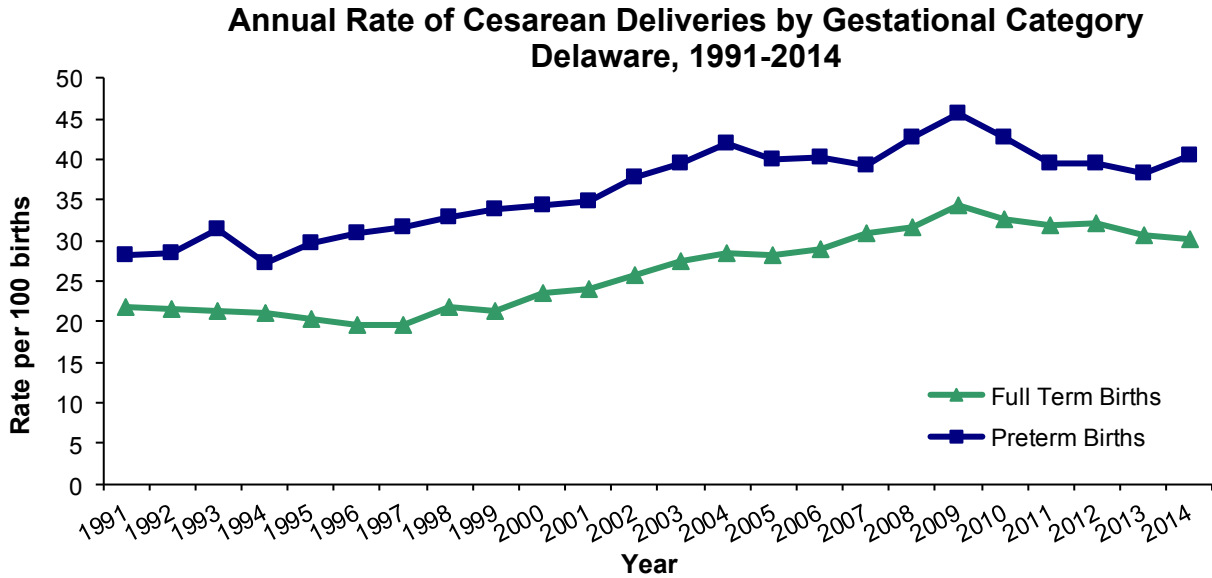


\* Note: Hispanic may be of any race.

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

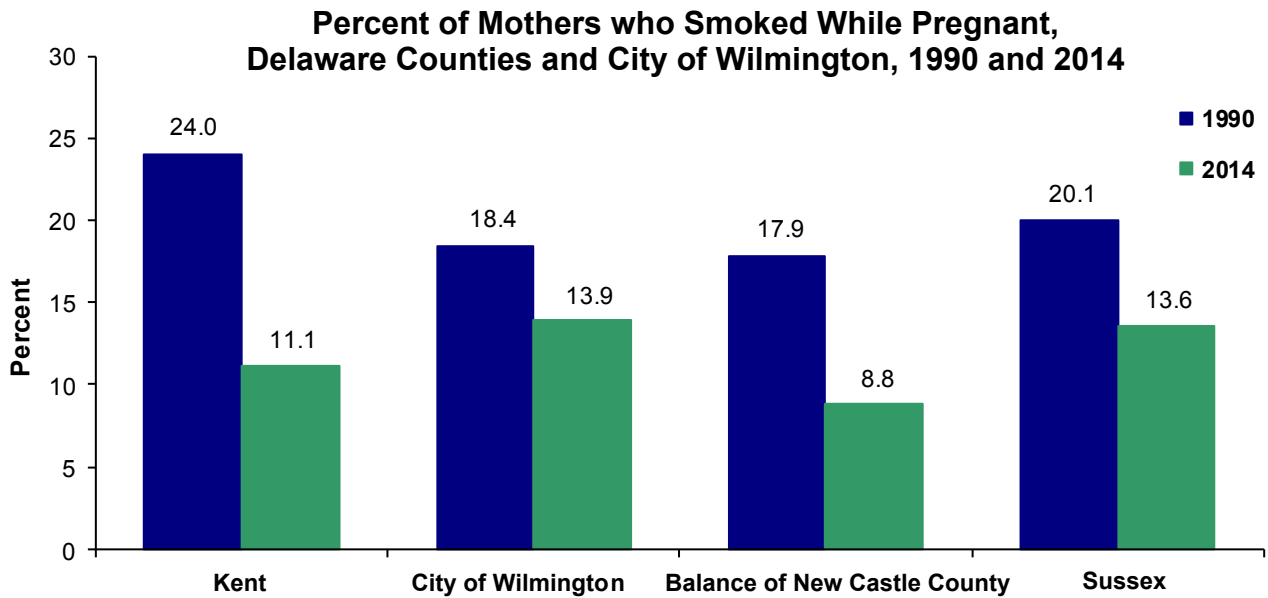
## LIVE BIRTHS

From 1998 to 2014, the rate of cesarean deliveries increased 35.8 percent, to 31.5 per 100 live births, whereas the rate of vaginal births decreased by 10.8 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 2014, the C-section rate for preterm births remained higher at 40.5 per 100 preterm births, versus 30.2 per 100 term births in 2014.



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

From 1990 to 2014, the percentage of Delaware mothers who used tobacco while pregnant decreased in all three counties and the city of Wilmington. In 2014, the city of Wilmington had the highest percentage of mothers who smoked while pregnant.



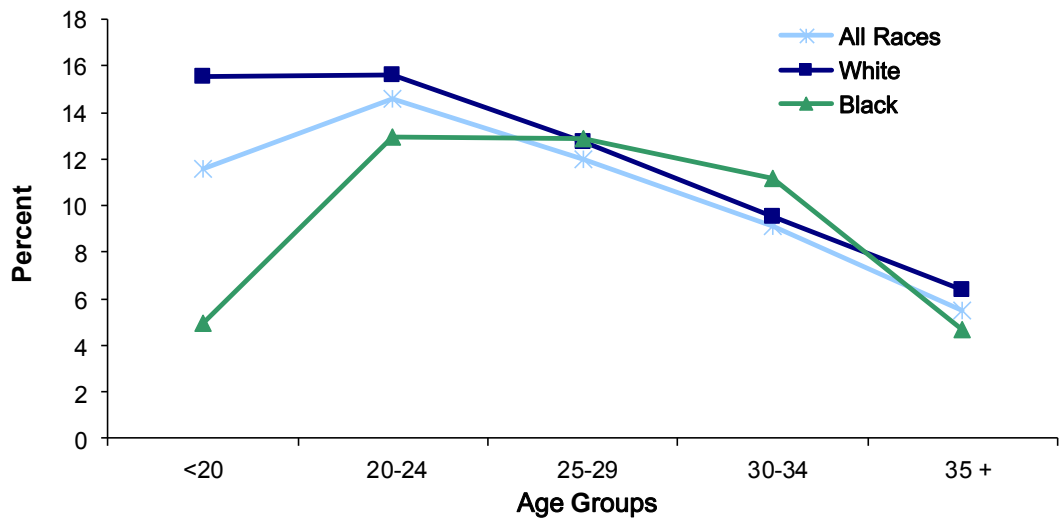
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## 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.

### Percent of Mothers who Smoked While Pregnant by Age Group and Race, Delaware, 2014

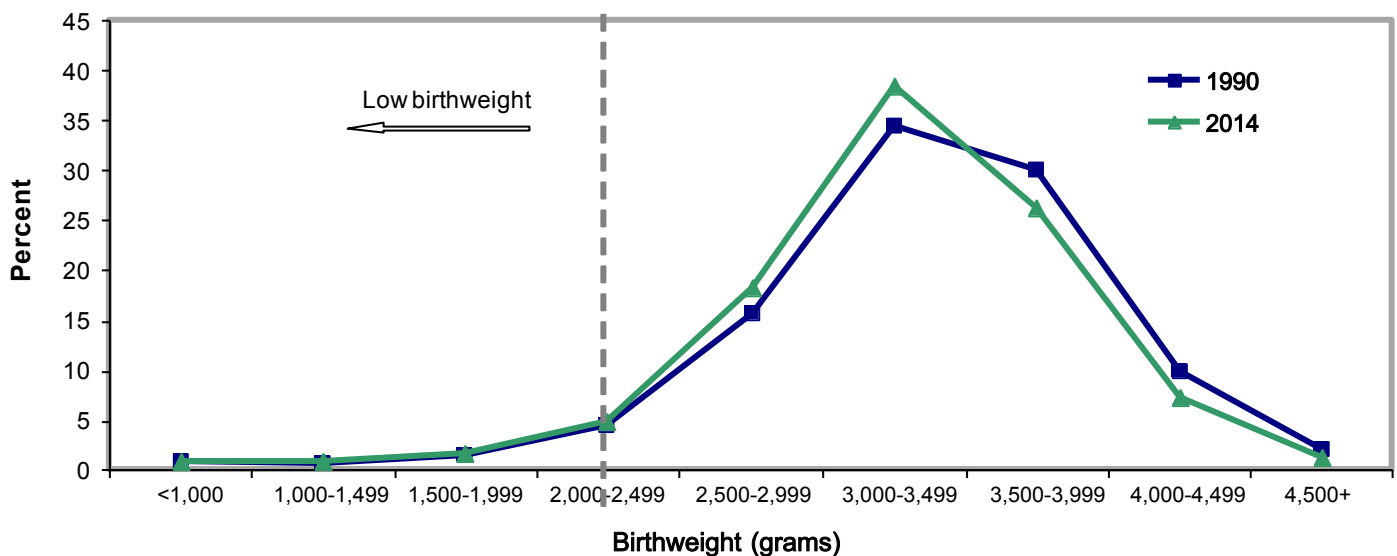


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2014, 16.2 percent of Delaware women who smoked while pregnant gave birth to low birthweight babies (< 2,500 grams), versus the significantly lower percentage (7.3) of non-smokers who gave birth to low birthweight babies.

The percent distribution of births by birthweight did not differ significantly between 1990 and 2014. The greatest percentage of births fell within the 3,000 to 3,499 gram range.

### Percent Distribution of Births by Birthweight, Delaware, 1990 and 2014



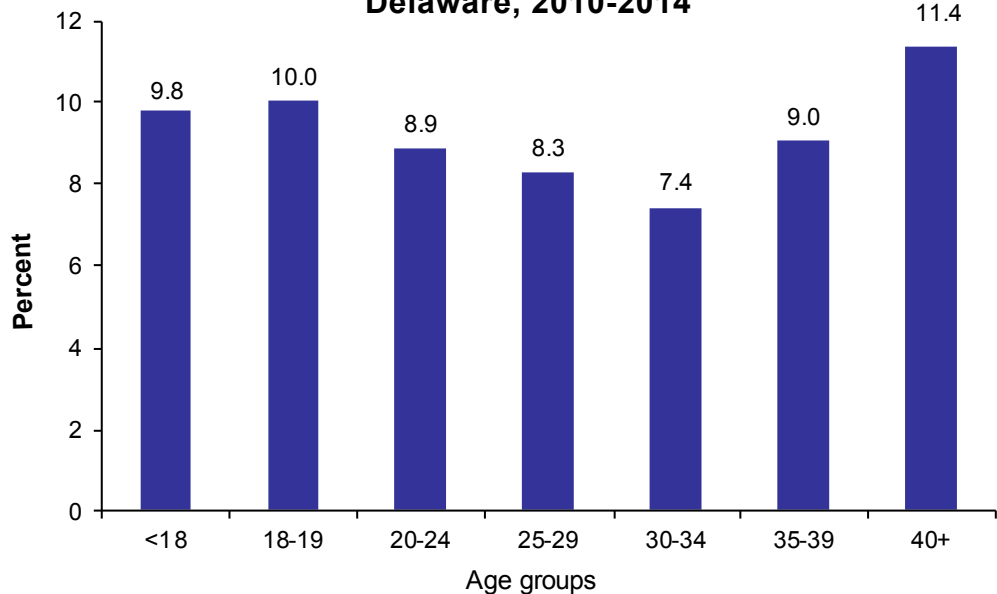
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**LIVE BIRTHS**

From 2009-2013 to 2010-2014, the five-year percent of low birthweight (LBW) births and very low birth-weight (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 (11.4 percent) and lowest for those in the 30-34 age group (7.4 percent).

**Five-year Percent of Low Birthweight Births (<2,500 grams) by Mother's Age, Delaware, 2010-2014**

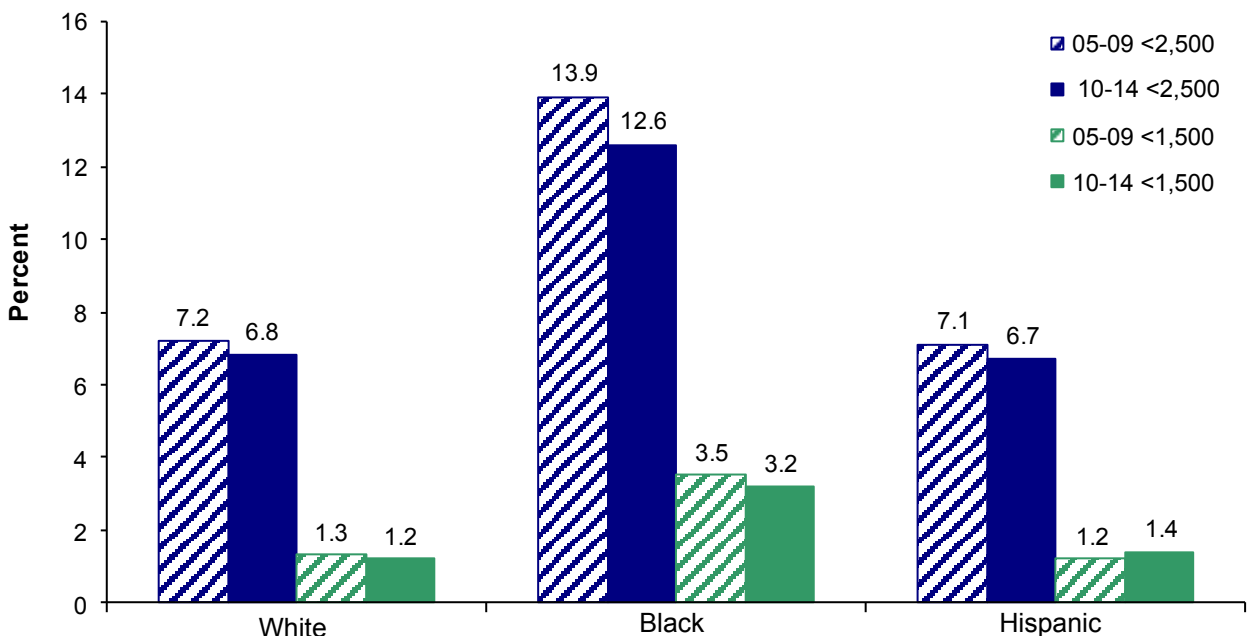


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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 2005-2009 and 2010-2014, the percentages of white and black infants born at low birthweight declined. During this same time period, the percentage of white and black infants born at very low birthweight declined, while the percentage of Hispanic infants born at very low birthweight increased.

**Five-year Average Percent of Low (<2,500 grams) and Very Low Birthweight Births (<1,500 grams), by Race and Hispanic Origin, Delaware, 2005-2009 and 2010-2014**



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



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TABLE C-1  
NUMBER OF LIVE BIRTHS BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2004-2014

(ALL RACES)

Area/ Age	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>	4112052	4138349	4265555	4316233	4247694	4130665	3999386	3953590	3952841	3932181	3988076
<20	422043	421315	441832	451094	440522	414831	372175	333746	309060	276203	251847
20-24	1034454	1040388	1080437	1082354	1052184	1005982	951688	925200	916811	896745	882567
25-29	1104485	1131596	1181899	1208408	1195774	1166787	1133713	1127583	1123900	1120777	1145392
30+	1551070	1545050	1561387	1574377	1559214	1543065	1541810	1567061	1603070	1637779	1707527
<b>Delaware</b>	11358	11603	11894	12097	12016	11369	11291	11227	10982	10802	10934
<20	1198	1239	1281	1251	1251	1085	983	909	768	730	621
20-24	2861	2931	3056	3095	3000	2831	2707	2642	2534	2431	2298
25-29	2985	3101	3226	3335	3477	3280	3293	3297	3151	3139	3297
30+	4314	4332	4331	4416	4288	4173	4308	4379	4529	4502	4718
<b>Kent</b>	2010	2175	2230	2243	2294	2258	2228	2166	2206	2180	2266
<20	242	266	246	252	235	209	198	183	162	134	129
20-24	660	670	679	685	672	719	633	601	597	599	608
25-29	531	603	625	689	669	687	703	685	664	665	726
30+	577	636	680	617	718	643	694	697	783	782	803
<b>New Castle</b>	7120	7172	7300	7357	7229	6794	6780	6880	6479	6444	6450
<20	667	654	716	669	695	613	546	527	410	395	323
20-24	1502	1562	1652	1599	1554	1424	1418	1417	1294	1286	1157
25-29	1858	1922	1953	1965	2081	1921	1915	1956	1822	1812	1887
30+	3093	3034	2979	3124	2899	2836	2901	2980	2953	2951	3083
Wilmington	1162	1207	1341	1290	1295	1237	1064	1111	1005	1057	1000
<20	222	218	243	221	238	193	153	159	122	132	89
20-24	375	351	423	399	375	360	294	275	264	270	245
25-29	252	285	317	309	337	312	275	301	258	278	267
30+	313	353	358	361	345	372	342	376	361	377	399
Balance of NC County	5958	5965	5959	6067	5934	5557	5716	5769	5474	5387	5450
<20	445	436	473	448	457	420	393	368	288	263	234
20-24	1127	1211	1229	1200	1179	1064	1124	1142	1030	1016	912
25-29	1606	1637	1636	1656	1744	1609	1640	1655	1564	1534	1620
30+	2780	2681	2621	2763	2554	2464	2559	2604	2592	2574	2684
<b>Sussex</b>	2228	2256	2364	2497	2493	2317	2283	2181	2297	2178	2218
<20	289	319	319	330	321	263	239	199	196	201	169
20-24	699	699	725	811	774	688	656	624	643	546	533
25-29	596	576	648	681	727	672	675	656	665	662	684
30+	644	662	672	675	671	694	713	702	793	769	832

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

RESLVBRT

TABLE C-2  
NUMBER OF LIVE BIRTHS BY AGE OF MOTHER  
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2004-2014  
(WHITE)

Area/ Age	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>	3222928	3229294	3310308	3336626	3274163	3173293	3069315	3020355	2999820	2985757	3019863
<20	300858	298910	311947	318103	309714	291731	261750	234461	218091	196625	181135
20-24	788264	790445	818253	818503	791852	751430	706130	680525	670593	653819	644363
25-29	880870	899406	935928	954168	942837	917877	893103	883545	874345	869697	882562
30+	1252936	1240533	1244180	1245852	1229760	1212255	1208332	1221824	1236791	1265616	1311327
<b>Delaware</b>	7897	8113	8110	7996	8113	7612	7566	7510	7312	7087	7194
<20	653	714	717	659	703	592	546	511	443	389	354
20-24	1817	1910	1894	1895	1871	1788	1659	1588	1536	1433	1413
25-29	2102	2224	2291	2278	2393	2270	2290	2273	2151	2086	2199
30+	3325	3265	3208	3164	3146	2962	3071	3138	3182	3179	3228
<b>Kent</b>	1388	1529	1557	1528	1578	1538	1502	1497	1507	1440	1520
<20	125	146	131	151	132	111	103	105	83	64	80
20-24	442	459	449	428	440	469	410	370	376	371	381
25-29	370	437	466	501	472	485	507	514	475	463	518
30+	451	487	511	448	534	473	482	508	573	542	541
<b>New Castle</b>	4816	4846	4802	4711	4560	4260	4264	4308	3985	3953	3934
<20	343	363	384	337	343	310	265	271	212	189	156
20-24	881	964	940	922	865	809	783	775	679	678	661
25-29	1257	1313	1334	1265	1327	1239	1233	1230	1130	1091	1129
30+	2335	2206	2144	2187	2025	1902	1983	2032	1964	1995	1988
Wilmington	437	475	488	472	446	423	444	446	375	409	401
<20	51	61	51	43	50	39	36	43	30	41	22
20-24	112	109	118	118	87	105	92	79	67	63	64
25-29	104	117	140	118	138	106	131	123	95	101	93
30+	170	188	179	193	171	173	185	201	183	204	222
Balance of NC County	4379	4371	4314	4239	4114	3837	3820	3862	3610	3544	3533
<20	292	302	333	294	293	271	229	228	182	148	134
20-24	769	855	822	804	778	704	691	696	612	615	597
25-29	1153	1196	1194	1147	1189	1133	1102	1107	1035	990	1036
30+	2165	2018	1965	1994	1854	1729	1798	1831	1781	1791	1766
<b>Sussex</b>	1693	1738	1751	1757	1975	1814	1800	1705	1820	1694	1740
<20	185	205	202	171	228	171	178	135	148	136	118
20-24	494	487	505	545	566	510	466	443	481	384	371
25-29	475	474	491	512	594	546	550	529	546	532	552
30+	539	572	553	529	587	587	606	598	645	642	699

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

RESLVB2

TABLE C-3  
NUMBER OF LIVE BIRTHS BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2004-2014

(BLACK)

Area/ Age	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>	616074	633134	666481	675676	670809	657618	636425	632901	634126	634760	640562
<20	105620	106742	113615	116006	114249	107548	96606	86615	78813	68649	60979
20-24	200398	203716	213877	215052	212493	208885	202082	201323	202527	200706	197102
25-29	147858	156161	166860	170270	169068	165737	160007	161100	163050	167521	175096
30+	162198	166515	172129	174348	174999	175448	177730	183863	189736	197884	207254
<b>Delaware</b>	2870	2881	3018	3251	3245	3159	3086	3084	2952	3049	2920
<20	516	494	523	531	526	479	419	386	306	323	244
20-24	946	936	1012	1037	1034	959	976	992	924	916	797
25-29	687	683	691	790	845	821	788	799	763	838	840
30+	721	768	792	893	840	900	903	907	959	972	1039
<b>Kent</b>	529	549	578	645	645	646	638	602	610	648	647
<20	110	103	110	95	99	91	93	75	76	63	44
20-24	195	192	211	237	217	229	206	213	202	209	204
25-29	133	139	125	168	175	186	163	154	166	178	187
30+	91	115	132	145	154	140	176	160	166	198	212
<b>New Castle</b>	1879	1878	2026	2128	2152	2063	2019	2054	1930	1972	1862
<20	307	285	320	320	339	296	268	250	186	197	152
20-24	569	550	647	626	630	566	591	609	571	555	448
25-29	451	458	470	519	562	527	517	535	497	548	543
30+	552	585	589	663	621	674	643	660	676	672	719
<b>Wilmington</b>	707	710	820	802	824	794	601	647	600	615	563
<20	167	157	186	176	185	151	116	116	88	86	63
20-24	260	238	298	277	285	255	195	195	194	203	173
25-29	143	159	170	185	192	198	141	174	153	170	166
30+	137	156	166	164	162	190	149	162	165	156	161
<b>Balance of NC County</b>	1172	1168	1206	1326	1328	1269	1418	1407	1330	1357	1299
<20	140	128	134	144	154	145	152	134	98	111	89
20-24	309	312	349	349	345	311	396	414	377	352	275
25-29	308	299	300	334	370	329	376	361	344	378	377
30+	415	429	423	499	459	484	494	498	511	516	558
<b>Sussex</b>	462	454	414	478	448	450	429	428	412	429	411
<20	99	106	93	116	88	92	58	61	44	63	48
20-24	182	194	154	174	187	164	179	170	151	152	145
25-29	103	86	96	103	108	108	108	110	100	112	110
30+	78	68	71	85	65	86	84	87	117	102	108

RESLVBR3

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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2004-2014

(HISPANIC ORIGIN<sup>1</sup>)

Area/ Age	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>	946349	985505	1039077	1062779	1041239	999548	945180	918129	907677	901033	914065
<20	135400	139372	148125	150974	147240	138336	123609	111236	104118	94174	87007
20-24	279746	287896	303454	305262	293054	274726	254723	243724	241138	237705	239121
25-29	254358	266590	280615	287942	281319	270641	254982	248269	244474	244243	248971
30+	276845	291647	306883	318601	319626	315845	311866	314900	317947	324911	338886
<b>Delaware</b>	1519	1674	1917	1914	1845	1653	1426	1427	1396	1342	1573
<20	206	271	290	255	275	223	174	166	135	148	134
20-24	527	560	614	654	565	524	404	394	375	334	422
25-29	433	417	550	537	498	467	425	431	428	401	432
30+	353	426	463	468	507	439	423	436	458	459	585
<b>Kent</b>	143	165	166	199	185	197	156	162	178	184	204
<20	25	32	25	31	28	31	17	16	15	22	16
20-24	66	54	49	67	54	74	52	55	59	58	71
25-29	29	35	48	63	40	47	57	52	50	52	62
30+	23	44	44	38	63	45	30	39	54	52	55
<b>New Castle</b>	906	990	1183	1069	1015	906	760	789	726	707	881
<20	124	157	185	136	154	137	101	116	84	86	79
20-24	291	324	379	340	293	268	207	206	187	178	245
25-29	260	247	331	285	290	255	213	221	227	205	236
30+	231	262	288	308	278	246	239	246	228	238	321
<b>Wilmington</b>	205	223	267	228	200	174	172	161	118	154	178
<20	38	48	50	37	38	30	25	34	18	25	17
20-24	77	75	94	89	64	61	55	40	39	42	54
25-29	52	55	70	48	65	49	48	48	32	49	37
30+	38	45	53	54	33	34	44	39	29	38	70
<b>Balance of NC County</b>	701	767	916	841	815	732	588	628	608	553	703
<20	86	109	135	99	116	107	76	82	66	61	62
20-24	214	249	285	251	229	207	152	166	148	136	191
25-29	208	192	261	237	225	206	165	173	195	156	199
30+	193	217	235	254	245	212	195	207	199	200	251
<b>Sussex</b>	470	519	568	646	645	550	510	476	492	451	488
<20	57	82	80	88	93	55	56	34	36	40	39
20-24	170	182	186	247	218	182	145	133	129	98	106
25-29	144	135	171	189	168	165	155	158	151	144	134
30+	99	120	131	122	166	148	154	151	176	169	209

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

RESLVBR4

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  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

Age/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
<b>Teens 15-19</b>																
<b>U.S.</b>	51.9	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
White	46.2	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
Black	86.0	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
<b>Delaware</b>	52.0	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
White	38.4	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
Black	98.8	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
<b>Kent</b>	56.7	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
White	50.5	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
Black	70.2	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
<b>New Castle</b>	44.9	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
White	30.4	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
Black	100.9	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
Wilmington	119.3	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
White	93.9	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
Black	141.4	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
<b>Sussex</b>	77.8	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
White	61.4	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
Black	134.0	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
<b>Teens 15-17</b>																
<b>U.S.</b>	32.1	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
<b>Delaware</b>	35.8	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
<b>Kent</b>	33.4	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
<b>New Castle</b>	33.3	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
<b>Sussex</b>	48.0	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
<b>Teens 18-19</b>																
<b>U.S.</b>	83.7	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
<b>Delaware</b>	73.3	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
<b>Kent</b>	94.2	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
<b>New Castle</b>	58.6	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
<b>Sussex</b>	126.9	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

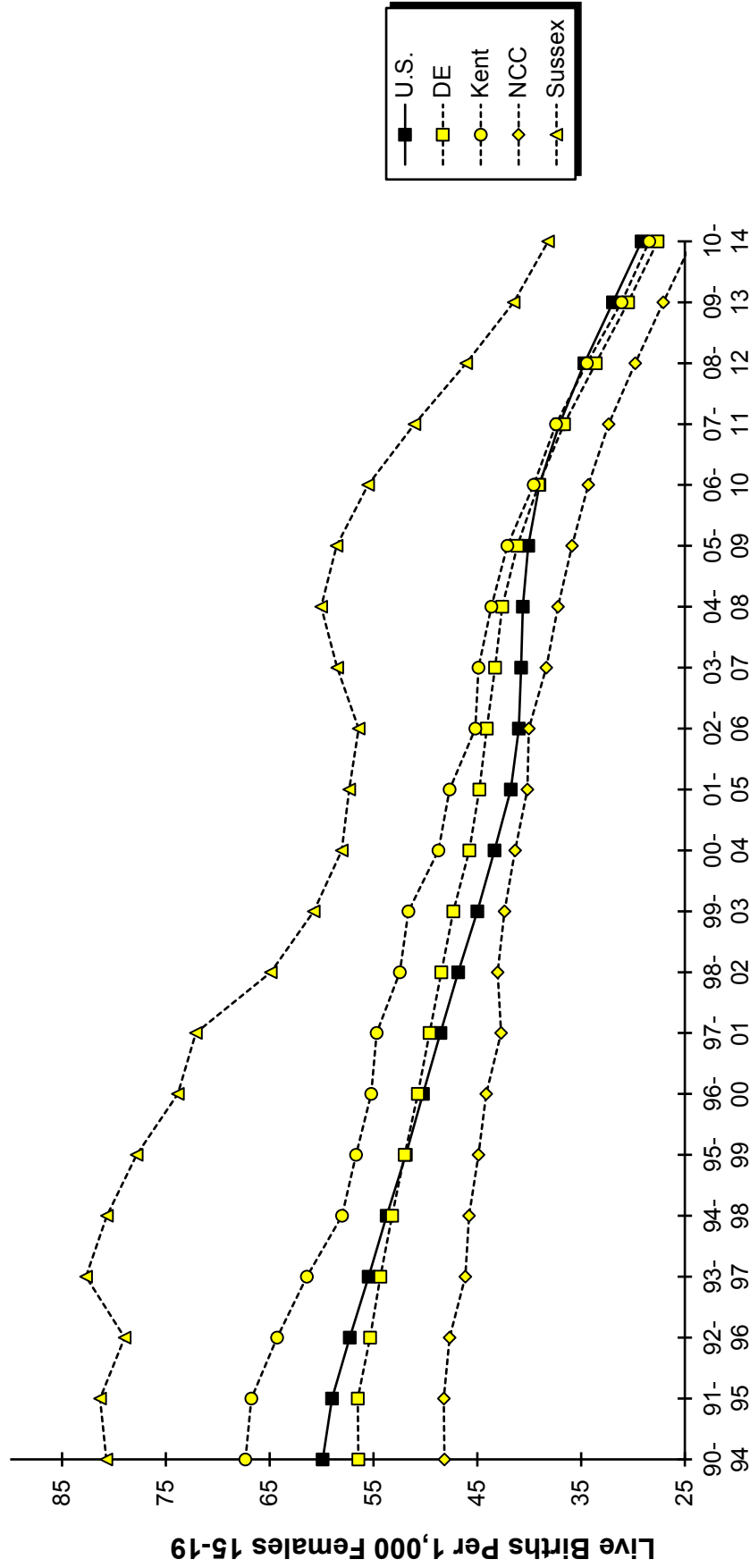
FYATEEN

**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

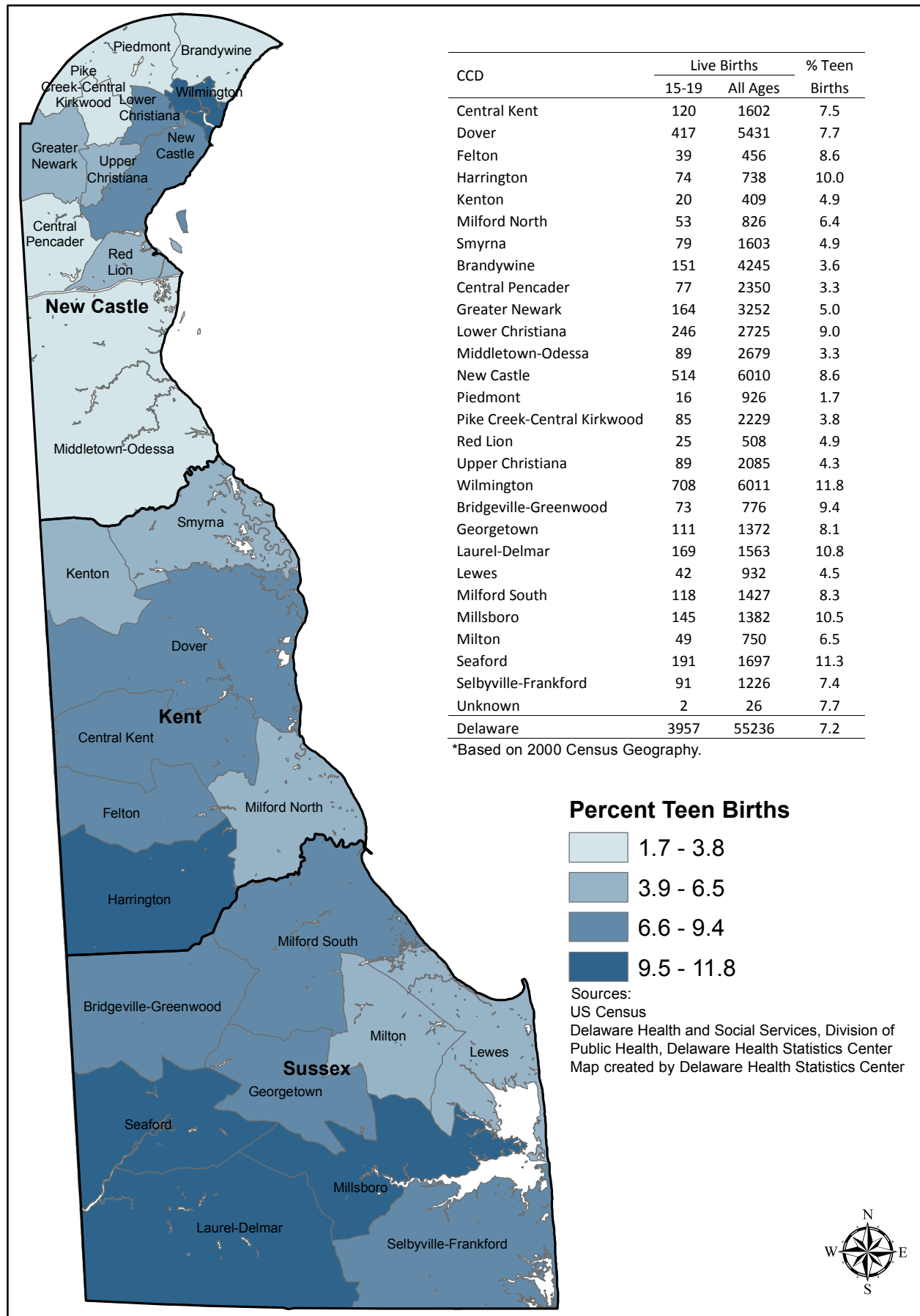
**Figure C-1**  
**Five-Year Average Teenage (15-19) Live Birth Rates**  
**U.S., Delaware and Counties, 1990-2014**



**Five-Year Intervals**

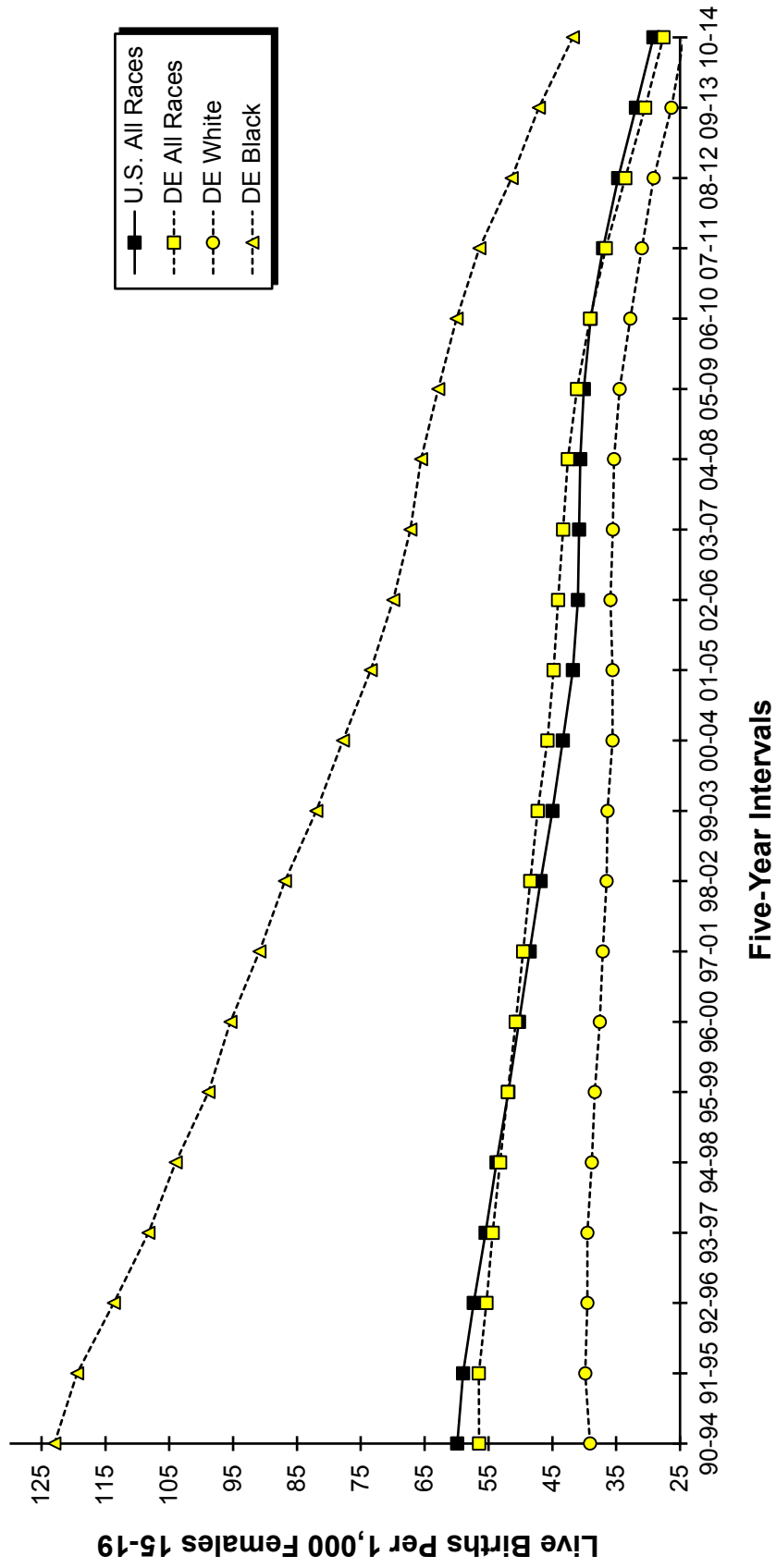
**Sources:** National Center for Health Statistics  
 Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure C-2**  
**Five-year Average Percent Live Births to Teens (15-19) by Census County Division\* Delaware, 2010-2014**





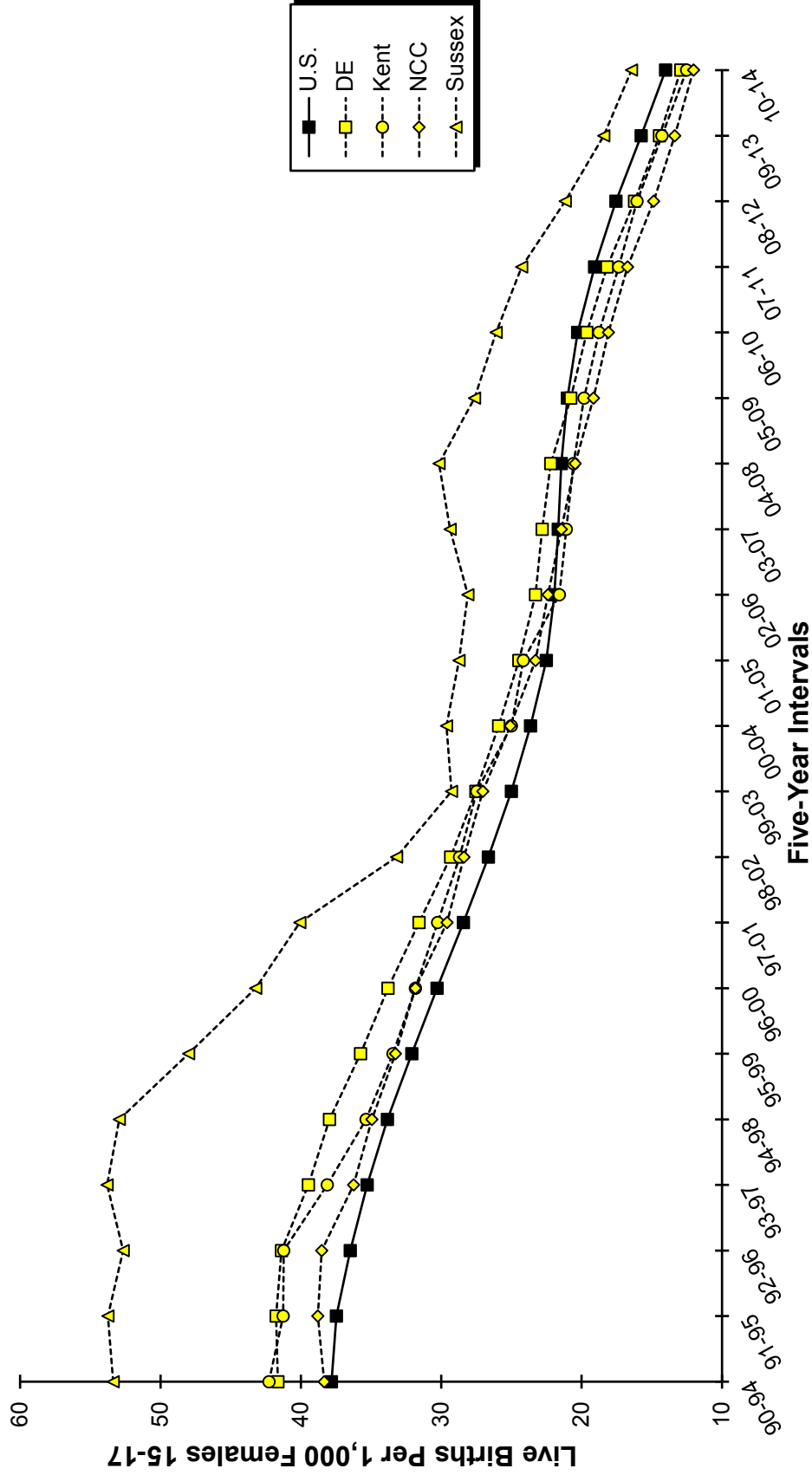
**Figure C-3**  
**Five-Year Average Teenage (15-19) Live Birth Rates by Race**  
**U.S. and Delaware, 1990-2014**



**Five-Year Intervals**

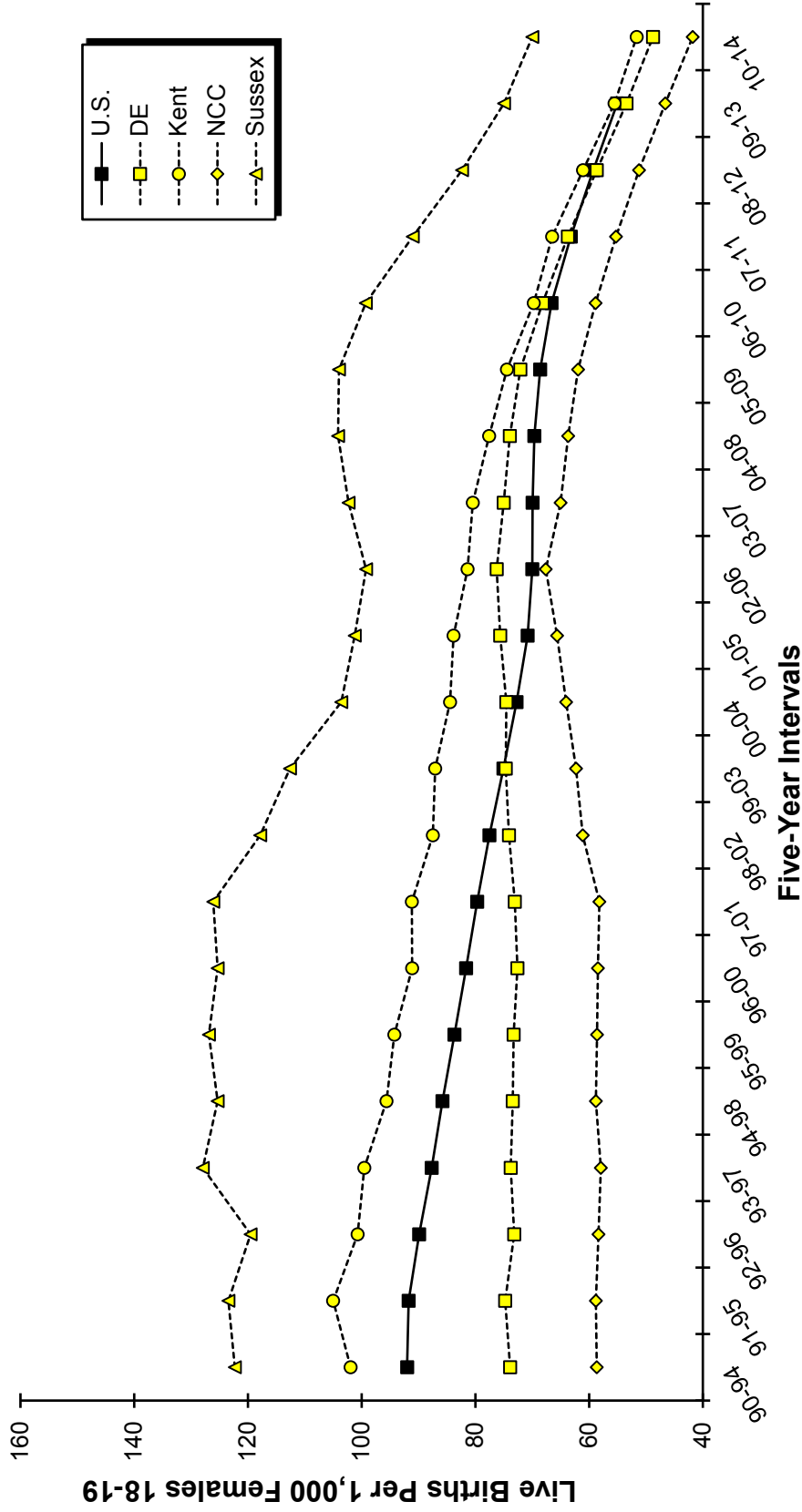
**Sources:** National Center for Health Statistics  
 Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center,

**Figure C-4**  
**Five-Year Average Teenage (15-17) Live Birth Rates**  
**U.S., Delaware and Counties, 1990-2014**



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, 1990-2014**



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

U.S., DELAWARE AND COUNTIES, 1995-2014

(ALL RACES)

Area/ Age	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>U.S.</b>																
General	64.2	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
10-14	1.1	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
15-19	51.9	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
20-24	107.8	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
25-29	109.4	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
30-34	83.6	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
35-39	35.9	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
40-44	7.1	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
45-49**	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
<b>Delaware</b>																
General	60.7	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
10-14	1.7	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
15-19	52.0	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
20-24	92.5	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
25-29	104.1	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
30-34	83.6	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
35-39	32.9	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
40-44	5.4	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
45-49**	0.3	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
<b>Kent</b>																
General	64.6	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
10-14	1.6	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
15-19	56.7	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
20-24	130.0	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
25-29	112.1	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
30-34	70.5	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
35-39	25.5	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
40-44	4.6	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
45-49**	0.3	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
<b>New Castle</b>																
General	58.6	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
10-14	1.6	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
15-19	44.9	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
20-24	73.9	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
25-29	99.7	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
30-34	90.3	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
35-39	37.0	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
40-44	5.9	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
45-49**	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.6
<b>Sussex</b>																
General	65.4	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
10-14	2.3	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
15-19	77.8	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
20-24	138.6	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
25-29	115.3	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
30-34	69.1	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
35-39	24.0	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
40-44	4.2	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
45-49**	0.2	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

AGEFERT1

**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

U.S., DELAWARE AND COUNTIES, 1995-2014

(WHITE)

Area/ Age	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>U.S.</b>																
General	63.5	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
10-14	0.7	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
15-19	46.2	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
20-24	105.0	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
25-29	112.6	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
30-34	86.5	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
35-39	36.3	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
40-44	7.0	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
45-49**	0.4	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
<b>Delaware</b>																
General	59.6	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
10-14	0.8	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
15-19	38.4	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
20-24	81.8	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
25-29	111.3	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
30-34	92.6	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
35-39	35.3	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
40-44	5.7	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
45-49**	0.3	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
<b>Kent</b>																
General	65.3	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
10-14	0.9	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
15-19	50.5	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
20-24	129.8	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
25-29	121.7	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
30-34	75.7	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
35-39	26.6	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
40-44	4.8	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
45-49**	0.4	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
<b>New Castle</b>																
General	57.5	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
10-14	0.6	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
15-19	30.4	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
20-24	60.8	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
25-29	106.1	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
30-34	101.5	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
35-39	40.1	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
40-44	6.3	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
45-49**	0.3	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
<b>Sussex</b>																
General	62.9	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
10-14	1.3	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
15-19	61.4	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
20-24	130.6	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
25-29	122.5	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
30-34	74.8	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
35-39	25.4	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
40-44	4.2	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
45-49**	0.2	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

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**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

U.S., DELAWARE AND COUNTIES, 1995-2014

(BLACK)

Area/ Age	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>U.S.</b>																
General	69.0	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
10-14	3.2	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
15-19	86.0	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
20-24	135.1	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
25-29	95.4	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
30-34	62.3	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
35-39	29.1	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
40-44	6.3	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
45-49**	0.3	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
<b>Delaware</b>																
General	68.2	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
10-14	4.5	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
15-19	98.8	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
20-24	142.6	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
25-29	90.4	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
30-34	55.4	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
35-39	23.6	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
40-44	4.2	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
45-49**	0.2	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
<b>Kent</b>																
General	64.9	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
10-14	3.5	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
15-19	70.2	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
20-24	139.4	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
25-29	88.4	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
30-34	56.5	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
35-39	21.1	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
40-44	3.5	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
45-49**	0.0	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
<b>New Castle</b>																
General	66.7	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
10-14	4.4	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
15-19	100.9	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
20-24	134.2	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
25-29	89.4	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
30-34	56.4	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
35-39	25.4	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
40-44	4.3	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
45-49**	0.2	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
<b>Sussex</b>																
General	79.4	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
10-14	5.6	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
15-19	134.0	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
20-24	185.7	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
25-29	97.8	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
30-34	49.3	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
35-39	18.2	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
40-44	4.2	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
45-49**	0.6	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

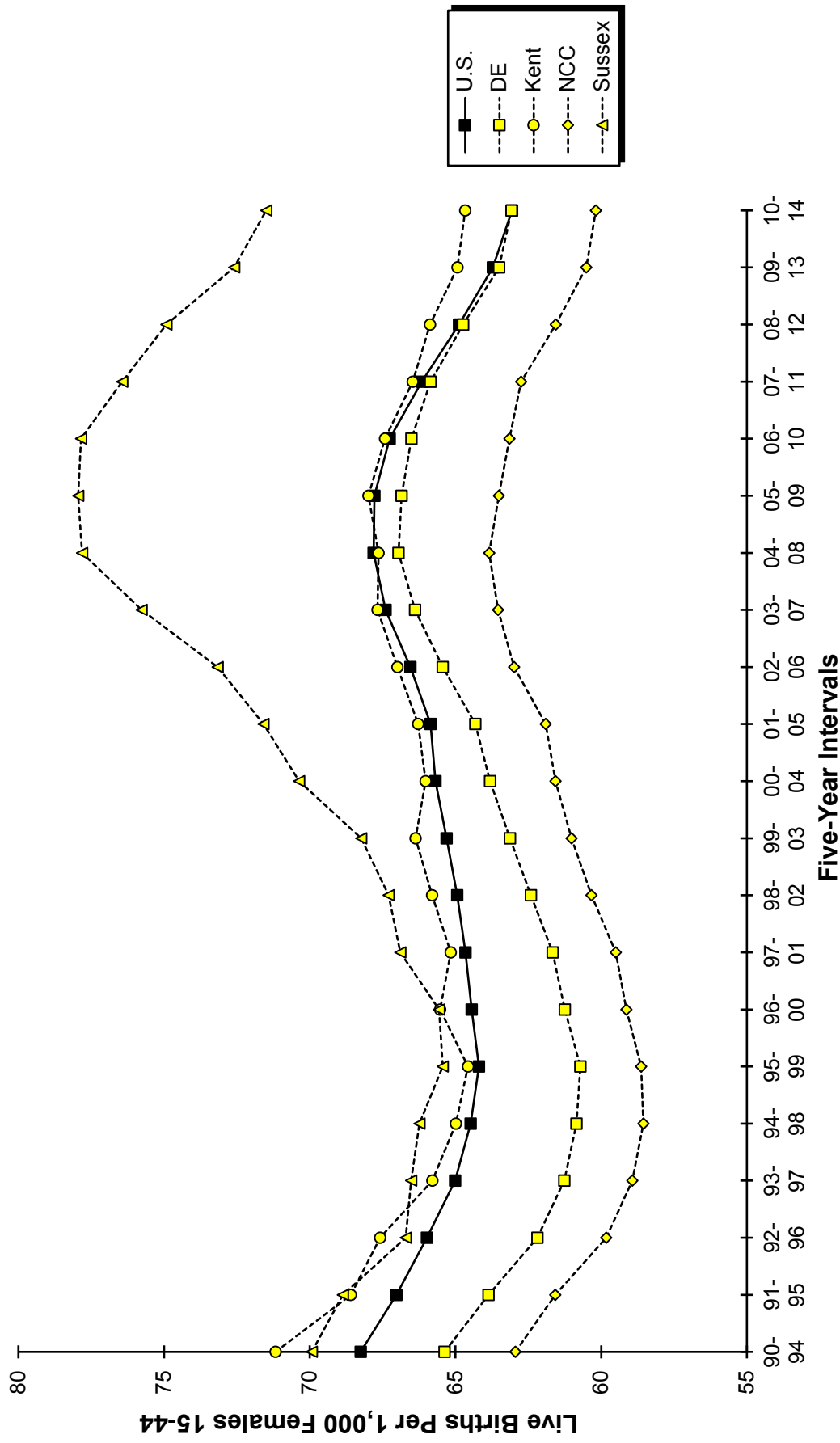
AGEFERT3

**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.

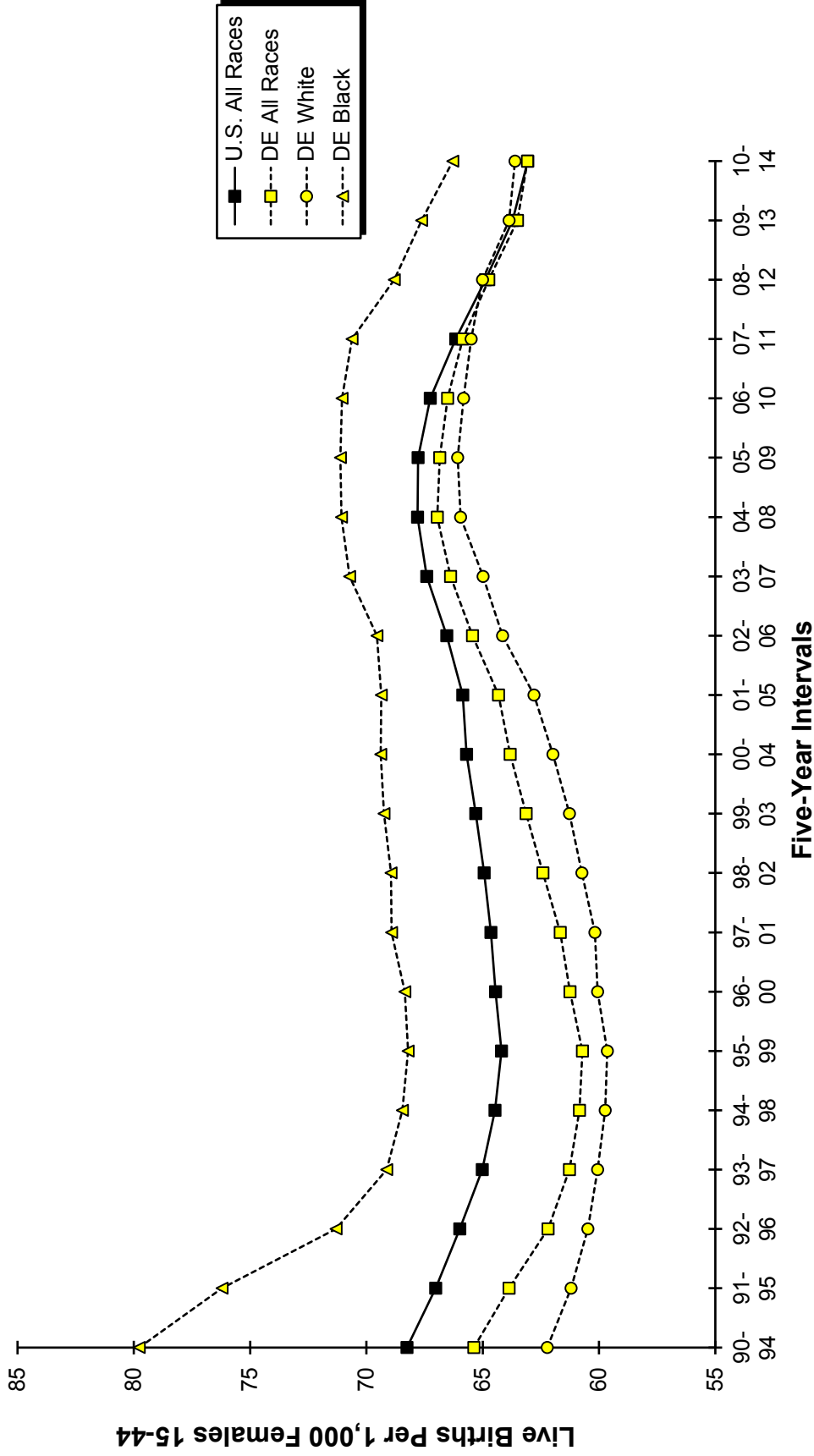
**Sources:** National Center for Health Statistics  
Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure C-6**  
**Five-Year Average General Fertility Rates**  
**U.S., Delaware and Counties, 1990-2014**



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

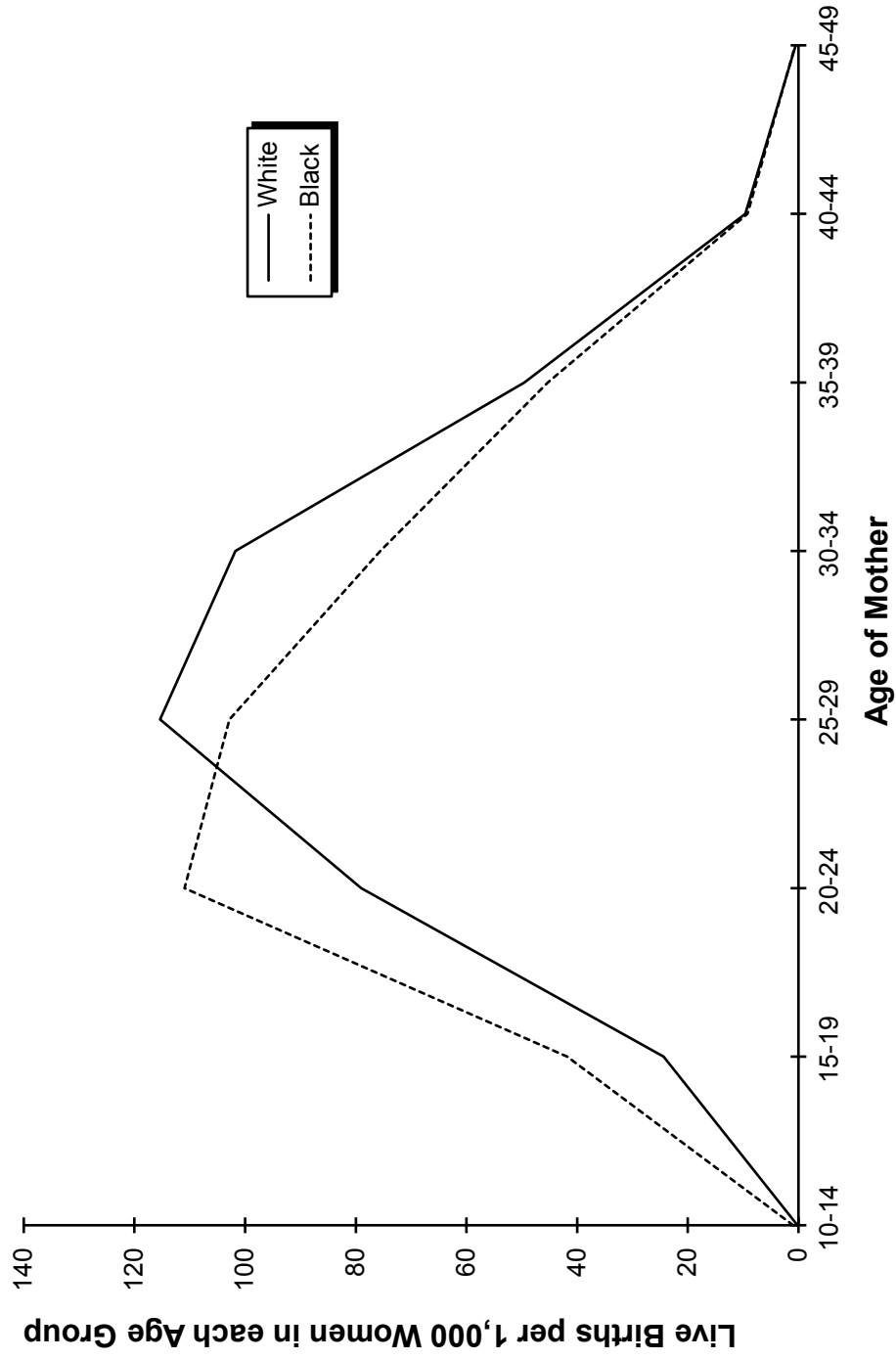
**Figure C-7**  
**Five-Year Average General Fertility Rates by Race**  
**U.S. and Delaware, 1990-2014**



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

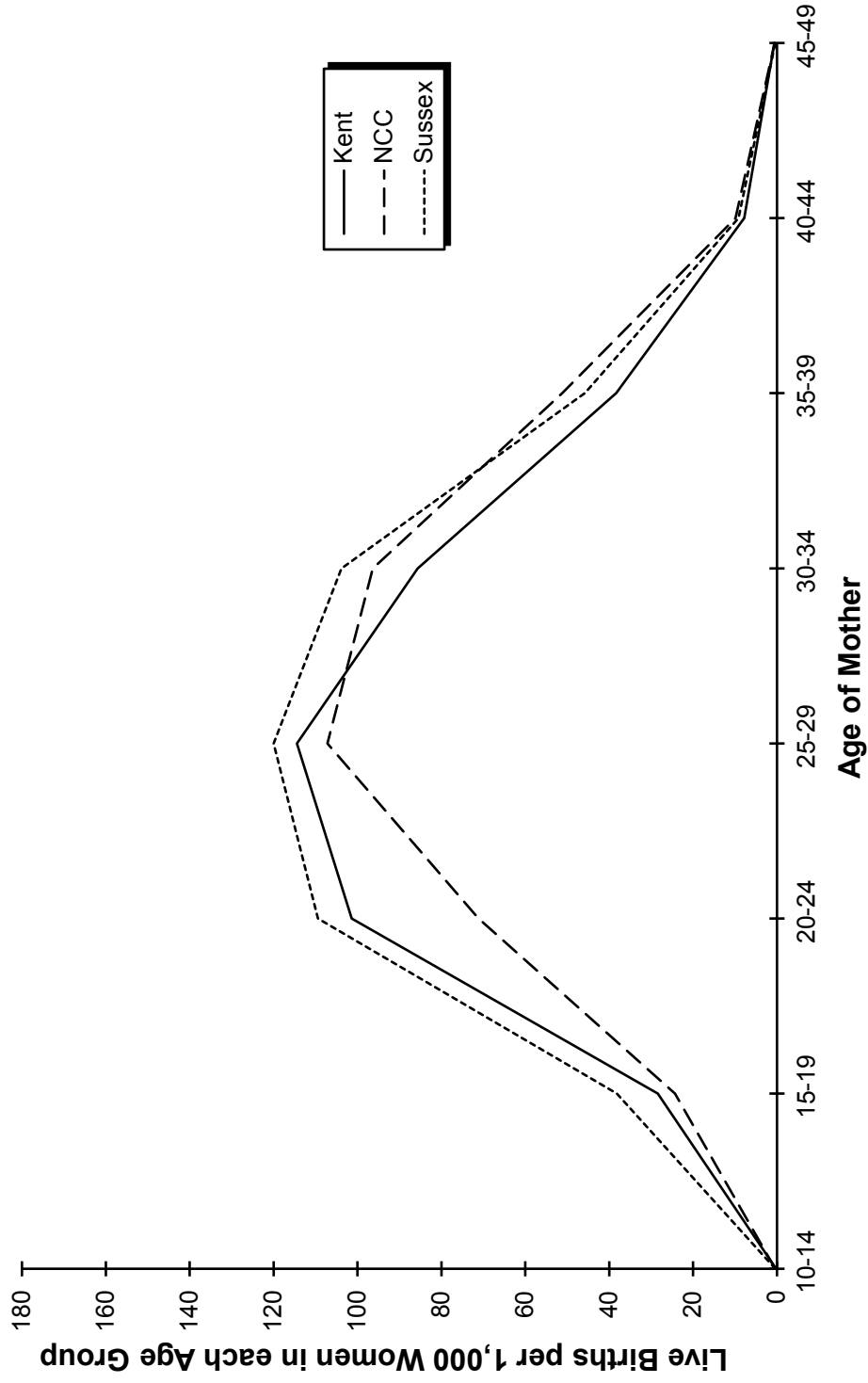


**Figure C-8**  
**Five-Year Average Age-Specific Live Birth Rates by Race**  
**Delaware, 2010-2014**



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 County**  
**Counties, 2010-2014**



**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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

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>	10934	7194	2920	35	123	8	1	54	459	103	1573
<15	9	1	7	1	0	0	0	0	0	0	0
15-17	168	85	77	2	0	0	0	0	0	3	40
18-19	444	268	160	3	0	0	0	0	4	8	94
20-24	2298	1413	797	10	2	1	0	9	35	23	422
25-29	3297	2199	840	9	43	1	0	14	153	25	432
30-34	3085	2137	655	3	52	3	0	14	189	25	346
35-39	1305	876	307	5	18	3	1	15	65	12	179
40+	328	215	77	2	8	0	0	2	13	7	60
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	2266	1520	647	13	5	1	0	15	32	25	204
<15	2	1	1	0	0	0	0	0	0	0	0
15-17	29	15	11	2	0	0	0	0	0	0	4
18-19	98	64	32	1	0	0	0	0	0	1	12
20-24	608	381	204	3	0	0	0	4	5	9	71
25-29	726	518	187	2	1	1	0	2	9	5	62
30-34	554	389	136	0	4	0	0	3	9	10	35
35-39	207	125	63	5	0	0	0	6	7	0	17
40+	42	27	13	0	0	0	0	0	2	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	6450	3934	1862	16	112	6	1	30	398	65	881
<15	5	0	4	1	0	0	0	0	0	0	0
15-17	93	40	51	0	0	0	0	0	0	2	27
18-19	225	116	97	1	0	0	0	0	4	6	52
20-24	1157	661	448	3	2	0	0	2	26	10	245
25-29	1887	1129	543	6	38	0	0	8	135	17	236
30-34	1987	1289	450	3	46	3	0	10	171	12	184
35-39	868	561	210	0	18	3	1	9	53	11	99
40+	228	138	59	2	8	0	0	1	9	7	38
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Wilmington</b>	1000	401	563	3	0	0	1	3	12	12	178
<15	2	0	2	0	0	0	0	0	0	0	0
15-17	25	6	17	0	0	0	0	0	0	2	5
18-19	62	16	44	0	0	0	0	0	0	2	12
20-24	245	64	173	1	0	0	0	1	2	3	54
25-29	267	93	166	1	0	0	0	0	3	1	37
30-34	241	136	98	1	0	0	0	2	2	1	41
35-39	131	70	53	0	0	0	1	0	5	2	21
40+	27	16	10	0	0	0	0	0	0	1	8
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Balance of NC County</b>	5450	3533	1299	13	112	6	0	27	386	53	703
<15	3	0	2	1	0	0	0	0	0	0	0
15-17	68	34	34	0	0	0	0	0	0	0	22
18-19	163	100	53	1	0	0	0	0	4	4	40
20-24	912	597	275	2	2	0	0	1	24	7	191
25-29	1620	1036	377	5	38	0	0	8	132	16	199
30-34	1746	1153	352	2	46	3	0	8	169	11	143
35-39	737	491	157	0	18	3	0	9	48	9	78
40+	201	122	49	2	8	0	0	1	9	6	30
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	2218	1740	411	6	6	1	0	9	29	13	488
<15	2	0	2	0	0	0	0	0	0	0	0
15-17	46	30	15	0	0	0	0	0	0	1	9
18-19	121	88	31	1	0	0	0	0	0	1	30
20-24	533	371	145	4	0	1	0	3	4	4	106
25-29	684	552	110	1	4	0	0	4	9	3	134
30-34	544	459	69	0	2	0	0	1	9	3	127
35-39	230	190	34	0	0	0	0	0	5	1	63
40+	58	50	5	0	0	0	0	1	2	0	19
Unknown	0	0	0	0	0	0	0	0	0	0	0

Notes:

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

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

DETRACE

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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

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>	5860	0	5	13	330	1254	2064	1323	703	168
<15	0	0	0	0	0	0	0	0	0	0
15-17	6	0	0	3	0	1	2	0	0	0
18-19	27	0	0	3	18	4	0	0	0	2
20-24	531	0	0	3	242	180	55	17	11	23
25-29	1872	0	0	4	55	835	700	168	54	56
30-34	2226	0	4	0	12	205	1149	616	186	54
35-39	963	0	1	0	1	26	140	475	294	26
40+	235	0	0	0	2	3	18	47	158	7
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	1241	0	0	7	134	335	401	230	107	27
<15	0	0	0	0	0	0	0	0	0	0
15-17	2	0	0	1	0	0	1	0	0	0
18-19	7	0	0	1	4	1	0	0	0	1
20-24	194	0	0	2	108	60	9	7	4	4
25-29	444	0	0	3	19	224	157	23	8	10
30-34	401	0	0	0	3	42	209	108	34	5
35-39	160	0	0	0	0	8	24	81	42	5
40+	33	0	0	0	0	0	1	11	19	2
Unknown	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	3610	0	5	4	119	671	1332	900	473	106
<15	0	0	0	0	0	0	0	0	0	0
15-17	3	0	0	2	0	0	1	0	0	0
18-19	15	0	0	2	10	2	0	0	0	1
20-24	221	0	0	0	82	78	35	8	4	14
25-29	1071	0	0	0	21	459	409	117	35	30
30-34	1478	0	4	0	3	118	779	420	115	39
35-39	654	0	1	0	1	11	94	324	206	17
40+	168	0	0	0	2	3	14	31	113	5
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	348	0	0	2	12	52	120	94	51	17
<15	0	0	0	0	0	0	0	0	0	0
15-17	3	0	0	2	0	0	1	0	0	0
18-19	2	0	0	0	2	0	0	0	0	0
20-24	25	0	0	0	9	8	3	0	1	4
25-29	95	0	0	0	1	34	37	13	3	7
30-34	121	0	0	0	0	7	66	35	10	3
35-39	84	0	0	0	0	2	13	40	26	3
40+	18	0	0	0	0	1	0	6	11	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	3262	0	5	2	107	619	1212	806	422	89
<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	13	0	0	2	8	2	0	0	0	1
20-24	196	0	0	0	73	70	32	8	3	10
25-29	976	0	0	0	20	425	372	104	32	23
30-34	1357	0	4	0	3	111	713	385	105	36
35-39	570	0	1	0	1	9	81	284	180	14
40+	150	0	0	0	2	2	14	25	102	5
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	1009	0	0	2	77	248	331	193	123	35
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	0	0	0	1	0	0	0	0
18-19	5	0	0	0	4	1	0	0	0	0
20-24	116	0	0	1	52	42	11	2	3	5
25-29	357	0	0	1	15	152	134	28	11	16
30-34	347	0	0	0	6	45	161	88	37	10
35-39	149	0	0	0	0	7	22	70	46	4
40+	34	0	0	0	0	0	3	5	26	0
Unknown	0	0	0	0	0	0	0	0	0	0

**Note:**

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

NLBAMAF

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  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Education	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	10934	9	168	444	2298	3297	3085	1305	328	0
<9	573	7	12	22	101	159	165	75	32	0
9 to 11	1326	2	141	164	439	327	180	60	13	0
H.S. Graduate	2603	0	10	201	861	795	481	206	49	0
1 to 3 College	3012	0	0	53	780	1019	738	329	93	0
4+ College	3357	0	0	0	101	981	1507	632	136	0
Unknown	63	0	5	4	16	16	14	3	5	0
<b>Kent</b>	2266	2	29	98	608	726	554	207	42	0
<9	113	1	1	2	30	35	25	12	7	0
9 to 11	289	1	25	41	98	74	39	10	1	0
H.S. Graduate	558	0	1	44	222	165	83	37	6	0
1 to 3 College	764	0	0	11	230	260	179	68	16	0
4+ College	523	0	0	0	24	186	222	79	12	0
Unknown	19	0	2	0	4	6	6	1	0	0
<b>New Castle</b>	6450	5	93	225	1157	1887	1987	868	228	0
<9	217	5	8	7	36	54	66	25	16	0
9 to 11	700	0	79	87	226	172	95	35	6	0
H.S. Graduate	1430	0	4	107	439	437	288	125	30	0
1 to 3 College	1639	0	0	23	384	547	426	203	56	0
4+ College	2438	0	0	0	65	670	1108	480	115	0
Unknown	26	0	2	1	7	7	4	0	5	0
Wilmington	1000	2	25	62	245	267	241	131	27	0
<9	33	2	1	1	6	4	12	4	3	0
9 to 11	187	0	24	25	63	38	27	8	2	0
H.S. Graduate	327	0	0	35	104	102	56	26	4	0
1 to 3 College	226	0	0	1	65	73	46	34	7	0
4+ College	223	0	0	0	5	48	100	59	11	0
Unknown	4	0	0	0	2	2	0	0	0	0
Balance of NC County	5450	3	68	163	912	1620	1746	737	201	0
<9	184	3	7	6	30	50	54	21	13	0
9 to 11	513	0	55	62	163	134	68	27	4	0
H.S. Graduate	1103	0	4	72	335	335	232	99	26	0
1 to 3 College	1413	0	0	22	319	474	380	169	49	0
4+ College	2215	0	0	0	60	622	1008	421	104	0
Unknown	22	0	2	1	5	5	4	0	5	0
<b>Sussex</b>	2218	2	46	121	533	684	544	230	58	0
<9	243	1	3	13	35	70	74	38	9	0
9 to 11	337	1	37	36	115	81	46	15	6	0
H.S. Graduate	615	0	5	50	200	193	110	44	13	0
1 to 3 College	609	0	0	19	166	212	133	58	21	0
4+ College	396	0	0	0	12	125	177	73	9	0
Unknown	18	0	1	3	5	3	4	2	0	0

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

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TABLE C-12  
NUMBER AND PERCENT OF LIVE BIRTHS BY EDUCATION AND RACE AND HISPANIC ORIGIN OF MOTHER

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Education	Race								Hispanic Origin*	
	All Races		White		Black		Other			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	10934	100.0	7194	100.0	2920	100.0	783	100.0	1573	100.0
<9	573	5.2	526	7.3	31	1.1	16	2.0	386	24.5
9 to 11	1326	12.1	830	11.5	450	15.4	46	5.9	335	21.3
H.S. Grad.	2603	23.8	1490	20.7	1006	34.5	96	12.3	401	25.5
1 to 3 College	3012	27.5	2002	27.8	890	30.5	115	14.7	297	18.9
4+ College	3357	30.7	2313	32.2	528	18.1	507	64.8	139	8.8
Unknown	63	0.6	33	0.5	15	0.5	3	0.4	15	1.0
<b>Kent</b>	2266	100.0	1520	100.0	647	100.0	91	100.0	204	100.0
<9	113	5.0	98	6.4	11	1.7	4	4.4	29	14.2
9 to 11	289	12.8	172	11.3	107	16.5	10	11.0	30	14.7
H.S. Grad.	558	24.6	336	22.1	210	32.5	11	12.1	58	28.4
1 to 3 College	764	33.7	517	34.0	217	33.5	29	31.9	66	32.4
4+ College	523	23.1	388	25.5	96	14.8	37	40.7	17	8.3
Unknown	19	0.8	9	0.6	6	0.9	0	0.0	4	2.0
<b>New Castle</b>	6450	100.0	3934	100.0	1862	100.0	628	100.0	881	100.0
<9	217	3.4	195	5.0	12	0.6	10	1.6	150	17.0
9 to 11	700	10.9	426	10.8	247	13.3	27	4.3	220	25.0
H.S. Grad.	1430	22.2	735	18.7	620	33.3	68	10.8	233	26.4
1 to 3 College	1639	25.4	997	25.3	571	30.7	67	10.7	170	19.3
4+ College	2438	37.8	1571	39.9	406	21.8	454	72.3	98	11.1
Unknown	26	0.4	10	0.3	6	0.3	2	0.3	10	1.1
Wilmington	1000	100.0	401	100.0	563	100.0	31	100.0	178	100.0
<9	33	3.3	27	6.7	6	1.1	0	0.0	23	12.9
9 to 11	187	18.7	63	15.7	121	21.5	3	9.7	49	27.5
H.S. Grad.	327	32.7	82	20.4	237	42.1	7	22.6	51	28.7
1 to 3 College	226	22.6	64	16.0	151	26.8	10	32.3	33	18.5
4+ College	223	22.3	165	41.1	46	8.2	11	35.5	21	11.8
Unknown	4	0.4	0	0.0	2	0.4	0	0.0	1	0.6
Balance of NC County	5450	100.0	3533	100.0	1299	100.0	597	100.0	703	100.0
<9	184	3.4	168	4.8	6	0.5	10	1.7	127	18.1
9 to 11	513	9.4	363	10.3	126	9.7	24	4.0	171	24.3
H.S. Grad.	1103	20.2	653	18.5	383	29.5	61	10.2	182	25.9
1 to 3 College	1413	25.9	933	26.4	420	32.3	57	9.5	137	19.5
4+ College	2215	40.6	1406	39.8	360	27.7	443	74.2	77	11.0
Unknown	22	0.4	10	0.3	4	0.3	2	0.3	9	1.3
<b>Sussex</b>	2218	100.0	1740	100.0	411	100.0	64	100.0	488	100.0
<9	243	11.0	233	13.4	8	1.9	2	3.1	207	42.4
9 to 11	337	15.2	232	13.3	96	23.4	9	14.1	85	17.4
H.S. Grad.	615	27.7	419	24.1	176	42.8	17	26.6	110	22.5
1 to 3 College	609	27.5	488	28.0	102	24.8	19	29.7	61	12.5
4+ College	396	17.9	354	20.3	26	6.3	16	25.0	24	4.9
Unknown	18	0.8	14	0.8	3	0.7	1	1.6	1	0.2

NPLBEDRC

**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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(ALL RACES)

Area/ Age	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>U.S.</b>	32.6	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
<20	77.6	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
20-24	46.6	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
25-29	22.2	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
30+	14.7	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
<b>Delaware</b>	36.5	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
<20	89.3	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
20-24	58.2	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
25-29	23.3	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
30+	13.9	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
<b>Kent</b>	37.3	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
<20	81.6	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
20-24	48.5	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
25-29	23.1	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
30+	16.7	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
<b>New Castle</b>	34.2	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
<20	92.5	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
20-24	62.6	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
25-29	22.2	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
30+	12.5	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
<b>Wilmington</b>	67.5	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
<20	96.8	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
20-24	82.5	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
25-29	53.2	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
30+	34.9	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
<b>Balance of NC County</b>	27.1	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
<20	89.8	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
20-24	55.8	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
25-29	17.4	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
30+	9.6	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
<b>Sussex</b>	44.1	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
<20	87.9	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
20-24	57.3	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
25-29	27.9	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
30+	18.8	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

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

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TABLE C-14  
FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(WHITE)

Area/ Age	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>U.S.</b>	26.0	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
<20	70.7	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
20-24	38.5	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
25-29	17.1	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
30+	11.2	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
<b>Delaware</b>	25.4	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
<20	81.9	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
20-24	46.1	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
25-29	15.5	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
30+	9.2	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
<b>Kent</b>	26.8	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
<20	71.4	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
20-24	36.2	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
25-29	15.6	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+	12.6	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
<b>New Castle</b>	22.7	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
<20	86.6	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
20-24	50.4	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
25-29	14.1	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
30+	7.6	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
Wilmington	37.6	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
<20	87.1	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
20-24	62.0	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
25-29	27.3	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
30+	16.2	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
Balance of NC County	21.3	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
<20	86.6	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
20-24	49.0	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
25-29	13.1	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
30+	6.8	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
<b>Sussex</b>	33.6	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
<20	80.7	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
20-24	47.1	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
25-29	20.7	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
30+	14.7	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

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**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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(BLACK)

Area/ Age	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>U.S.</b>	69.8	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
<20	96.1	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
20-24	80.3	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
25-29	57.3	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
30+	44.3	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
<b>Delaware</b>	72.4	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
<20	97.9	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
20-24	83.5	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
25-29	56.7	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
30+	42.9	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
<b>Kent</b>	70.1	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
<20	96.0	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
20-24	79.6	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
25-29	55.3	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
30+	38.1	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
<b>New Castle</b>	71.8	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
<20	98.5	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
20-24	84.9	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
25-29	55.9	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
30+	43.6	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
<b>Wilmington</b>	84.5	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
<20	99.0	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
20-24	90.5	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
25-29	72.8	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
30+	60.1	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
<b>Balance of NC County</b>	60.7	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
<20	97.7	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
20-24	79.3	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
25-29	45.3	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
30+	35.0	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
<b>Sussex</b>	77.3	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
<20	97.6	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
20-24	82.8	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
25-29	62.1	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
30+	44.5	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

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**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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(HISPANIC ORIGIN\*)

Area/ Age	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>U.S.</b>	41.3	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
<20	71.0	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
20-24	46.5	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
25-29	31.2	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
30+	25.6	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
<b>Delaware</b>	51.1	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
<20	80.9	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
20-24	57.1	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
25-29	37.2	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
30+	32.6	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
<b>Kent</b>	46.7	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
<20	79.1	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
20-24	53.5	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
25-29	28.3	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
30+	24.6	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
<b>New Castle</b>	47.5	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
<20	80.5	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
20-24	52.5	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
25-29	32.4	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
30+	29.6	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
<b>Wilmington</b>	61.2	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
<20	84.6	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
20-24	60.8	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
25-29	48.4	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
30+	45.4	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
<b>Balance of NC County</b>	39.9	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
<20	76.9	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
20-24	47.5	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
25-29	25.6	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
30+	23.0	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
<b>Sussex</b>	60.5	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
<20	83.1	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
20-24	65.7	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
25-29	50.2	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
30+	45.7	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

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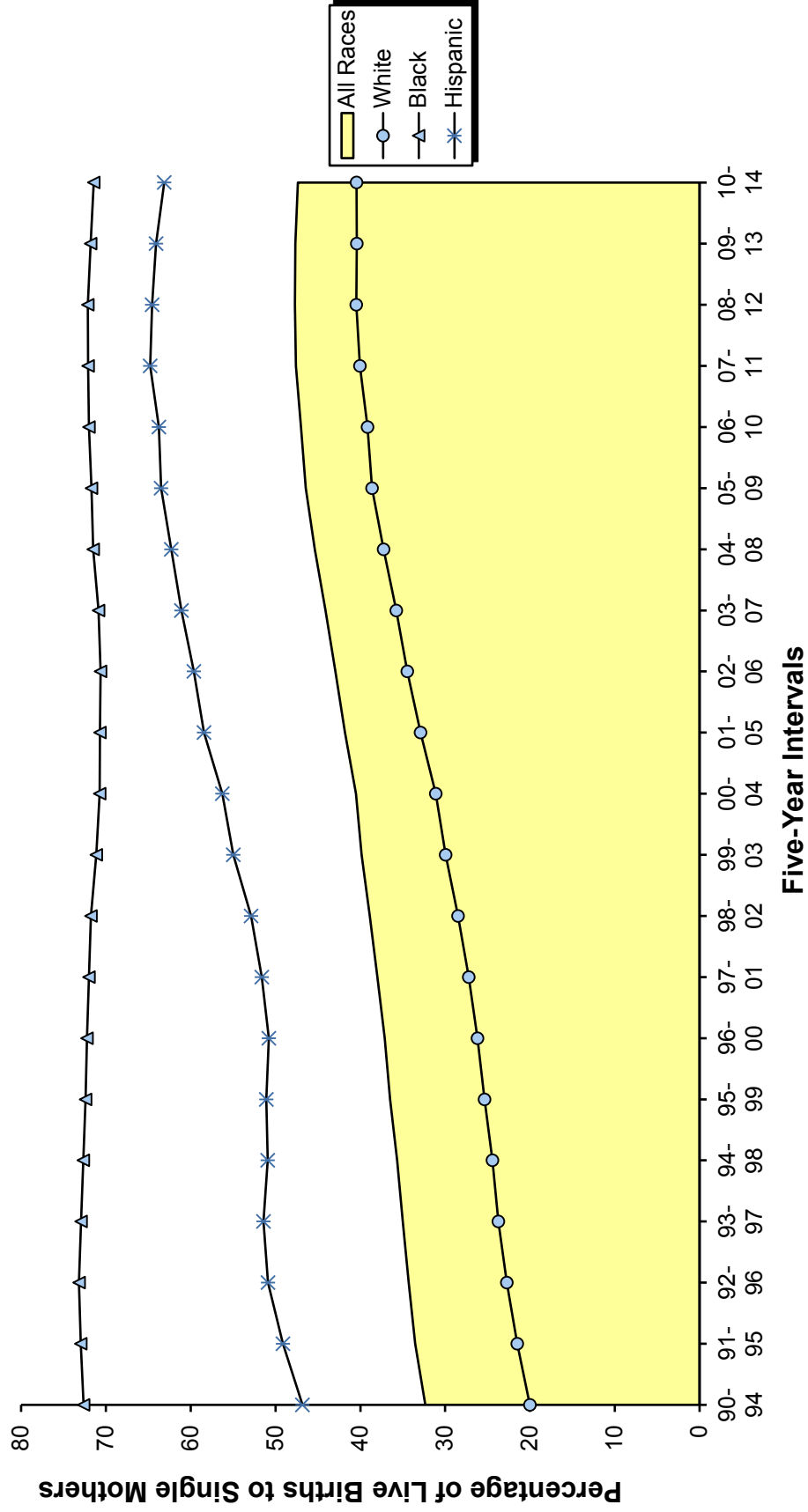
**Notes:**

\*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, 1990-2014**



**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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

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>	10934	7194	2920	783	1573	5860	4294	874	667	618	5074	2900	2046	116	955
<15	9	1	7	1	0	0	0	0	0	0	9	1	7	1	0
15-17	168	85	77	5	40	6	3	1	2	3	162	82	76	3	37
18-19	444	268	160	15	94	27	23	2	2	8	417	245	158	13	86
20-24	2298	1413	797	80	422	531	416	69	43	112	1767	997	728	37	310
25-29	3297	2199	840	245	432	1872	1382	265	214	181	1425	817	575	31	251
30-34	3085	2137	655	286	346	2226	1631	317	272	176	859	506	338	14	170
35-39	1305	876	307	119	179	963	685	170	106	103	342	191	137	13	76
40+	328	215	77	32	60	235	154	50	28	35	93	61	27	4	25
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	2266	1520	647	91	204	1241	956	216	64	97	1025	564	431	27	107
<15	2	1	1	0	0	0	0	0	0	0	2	1	1	0	0
15-17	29	15	11	2	4	2	1	1	0	0	27	14	10	2	4
18-19	98	64	32	2	12	7	6	1	0	1	91	58	31	2	11
20-24	608	381	204	21	71	194	158	23	12	31	414	223	181	9	40
25-29	726	518	187	20	62	444	362	65	16	31	282	156	122	4	31
30-34	554	389	136	26	35	401	304	72	23	20	153	85	64	3	15
35-39	207	125	63	18	17	160	103	45	11	12	47	22	18	7	5
40+	42	27	13	2	3	33	22	9	2	2	9	5	4	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	6450	3934	1862	628	881	3610	2459	563	570	363	2840	1475	1299	58	518
<15	5	0	4	1	0	0	0	0	0	0	5	0	4	1	0
15-17	93	40	51	2	27	3	1	0	2	2	90	39	51	0	25
18-19	225	116	97	11	52	15	12	1	2	4	210	104	96	9	48
20-24	1157	661	448	43	245	221	155	36	28	56	936	506	412	15	189
25-29	1887	1129	543	204	236	1071	707	167	188	107	816	422	376	16	129
30-34	1987	1289	450	245	184	1478	1023	215	237	103	509	266	235	8	81
35-39	868	561	210	95	99	654	457	106	90	62	214	104	104	5	37
40+	228	138	59	27	38	168	104	38	23	29	60	34	21	4	9
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Wilmington</b>	1000	401	563	31	178	348	244	83	17	69	652	157	480	14	109
<15	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0
15-17	25	6	17	2	5	3	1	0	2	2	22	5	17	0	3
18-19	62	16	44	2	12	2	2	0	0	2	60	14	44	2	10
20-24	245	64	173	7	54	25	11	12	2	12	220	53	161	5	42
25-29	267	93	166	5	37	95	58	31	3	17	172	35	135	2	20
30-34	241	136	98	6	41	121	102	14	4	16	120	34	84	2	25
35-39	131	70	53	8	21	84	58	20	6	14	47	12	33	2	7
40+	27	16	10	1	8	18	12	6	0	6	9	4	4	1	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Balance of NC County</b>	5450	3533	1299	597	703	3262	2215	480	553	294	2188	1318	819	44	409
<15	3	0	2	1	0	0	0	0	0	0	3	0	2	1	0
15-17	68	34	34	0	22	0	0	0	0	0	68	34	34	0	22
18-19	163	100	53	9	40	13	10	1	2	2	150	90	52	7	38
20-24	912	597	275	36	191	196	144	24	26	44	716	453	251	10	147
25-29	1620	1036	377	199	199	976	649	136	185	90	644	387	241	14	109
30-34	1746	1153	352	239	143	1357	921	201	233	87	389	232	151	6	56
35-39	737	491	157	87	78	570	399	86	84	48	167	92	71	3	30
40+	201	122	49	26	30	150	92	32	23	23	51	30	17	3	7
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	2218	1740	411	64	488	1009	879	95	33	158	1209	861	316	31	330
<15	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0
15-17	46	30	15	1	9	1	1	0	0	1	45	29	15	1	8
18-19	121	88	31	2	30	5	5	0	0	3	116	83	31	2	27
20-24	533	371	145	16	106	116	103	10	3	25	417	268	135	13	81
25-29	684	552	110	21	134	357	313	33	10	43	327	239	77	11	91
30-34	544	459	69	15	127	347	304	30	12	53	197	155	39	3	74
35-39	230	190	34	6	63	149	125	19	5	29	81	65	15	1	34
40+	58	50	5	3	19	34	28	3	3	4	24	22	2	0	15
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.

LBMSSAGE1

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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Birth Order	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	10934	9	168	444	2298	3297	3085	1305	328	0
First	4321	9	149	371	1199	1308	922	290	73	0
Second	3441	0	16	64	723	1031	1101	434	72	0
Third	1816	0	3	8	272	599	582	280	72	0
Fourth+	1342	0	0	1	101	354	477	300	109	0
Unknown	14	0	0	0	3	5	3	1	2	0
<b>Kent</b>	2266	2	29	98	608	726	554	207	42	0
First	886	2	26	89	340	253	130	41	5	0
Second	696	0	3	8	182	243	191	62	7	0
Third	371	0	0	1	60	150	115	36	9	0
Fourth+	311	0	0	0	25	80	117	68	21	0
Unknown	2	0	0	0	1	0	1	0	0	0
<b>New Castle</b>	6450	5	93	225	1157	1887	1987	868	228	0
First	2627	5	83	179	606	834	647	210	63	0
Second	2050	0	7	39	354	549	742	301	58	0
Third	1050	0	3	7	144	321	343	185	47	0
Fourth+	712	0	0	0	51	179	253	171	58	0
Unknown	11	0	0	0	2	4	2	1	2	0
Wilmington	1000	2	25	62	245	267	241	131	27	0
First	380	2	21	42	106	79	87	37	6	0
Second	274	0	3	17	80	72	59	38	5	0
Third	171	0	1	3	35	67	37	25	3	0
Fourth+	173	0	0	0	24	47	58	31	13	0
Unknown	2	0	0	0	0	2	0	0	0	0
Balance of NC County	5450	3	68	163	912	1620	1746	737	201	0
First	2247	3	62	137	500	755	560	173	57	0
Second	1776	0	4	22	274	477	683	263	53	0
Third	879	0	2	4	109	254	306	160	44	0
Fourth+	539	0	0	0	27	132	195	140	45	0
Unknown	9	0	0	0	2	2	2	1	2	0
<b>Sussex</b>	2218	2	46	121	533	684	544	230	58	0
First	808	2	40	103	253	221	145	39	5	0
Second	695	0	6	17	187	239	168	71	7	0
Third	395	0	0	0	68	128	124	59	16	0
Fourth+	319	0	0	1	25	95	107	61	30	0
Unknown	1	0	0	0	0	1	0	0	0	0

LBBOAGE1

**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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Birth Order	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	10934	100.0	7194	100.0	2920	100.0	783	100.0	1573	100.0
First	4321	39.5	2860	39.8	1023	35.0	423	54.0	480	30.5
Second	3441	31.5	2317	32.2	861	29.5	255	32.6	466	29.6
Third	1816	16.6	1204	16.7	537	18.4	72	9.2	355	22.6
Fourth+	1342	12.3	810	11.3	498	17.1	32	4.1	265	16.8
Unknown	14	0.1	3	0.0	1	0.0	1	0.1	7	0.4
<b>Kent</b>	2266	100.0	1520	100.0	647	100.0	91	100.0	204	100.0
First	886	39.1	623	41.0	216	33.4	44	48.4	71	34.8
Second	696	30.7	473	31.1	197	30.4	25	27.5	62	30.4
Third	371	16.4	237	15.6	115	17.8	17	18.7	41	20.1
Fourth+	311	13.7	187	12.3	119	18.4	5	5.5	28	13.7
Unknown	2	0.1	0	0.0	0	0.0	0	0.0	2	1.0
<b>New Castle</b>	6450	100.0	3934	100.0	1862	100.0	628	100.0	881	100.0
First	2627	40.7	1603	40.7	667	35.8	347	55.3	277	31.4
Second	2050	31.8	1292	32.8	541	29.1	210	33.4	263	29.9
Third	1050	16.3	652	16.6	350	18.8	47	7.5	210	23.8
Fourth+	712	11.0	385	9.8	303	16.3	23	3.7	126	14.3
Unknown	11	0.2	2	0.1	1	0.1	1	0.2	5	0.6
Wilmington	1000	100.0	401	100.0	563	100.0	31	100.0	178	100.0
First	380	38.0	167	41.6	194	34.5	17	54.8	52	29.2
Second	274	27.4	120	29.9	145	25.8	8	25.8	49	27.5
Third	171	17.1	68	17.0	101	17.9	2	6.5	41	23.0
Fourth+	173	17.3	46	11.5	123	21.8	4	12.9	35	19.7
Unknown	2	0.2	0	0.0	0	0.0	0	0.0	1	0.6
Balance of NC County	5450	100.0	3533	100.0	1299	100.0	597	100.0	703	100.0
First	2247	41.2	1436	40.6	473	36.4	330	55.3	225	32.0
Second	1776	32.6	1172	33.2	396	30.5	202	33.8	214	30.4
Third	879	16.1	584	16.5	249	19.2	45	7.5	169	24.0
Fourth+	539	9.9	339	9.6	180	13.9	19	3.2	91	12.9
Unknown	9	0.2	2	0.1	1	0.1	1	0.2	4	0.6
<b>Sussex</b>	2218	100.0	1740	100.0	411	100.0	64	100.0	488	100.0
First	808	36.4	634	36.4	140	34.1	32	50.0	132	27.0
Second	695	31.3	552	31.7	123	29.9	20	31.3	141	28.9
Third	395	17.8	315	18.1	72	17.5	8	12.5	104	21.3
Fourth+	319	14.4	238	13.7	76	18.5	4	6.3	111	22.7
Unknown	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0

LBBORACE

**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  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Plurality	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	10934	9	168	444	2298	3297	3085	1305	328	0
Single	10622	9	164	440	2256	3180	2996	1264	313	0
Plural	312	0	4	4	42	117	89	41	15	0
<b>Kent</b>	2266	2	29	98	608	726	554	207	42	0
Single	2197	2	29	98	588	701	540	199	40	0
Plural	69	0	0	0	20	25	14	8	2	0
<b>New Castle</b>	6450	5	93	225	1157	1887	1987	868	228	0
Single	6273	5	91	221	1139	1827	1928	847	215	0
Plural	177	0	2	4	18	60	59	21	13	0
Wilmington	1000	2	25	62	245	267	241	131	27	0
Single	971	2	23	62	241	255	237	124	27	0
Plural	29	0	2	0	4	12	4	7	0	0
Balance of NC County	5450	3	68	163	912	1620	1746	737	201	0
Single	5302	3	68	159	898	1572	1691	723	188	0
Plural	148	0	0	4	14	48	55	14	13	0
<b>Sussex</b>	2218	2	46	121	533	684	544	230	58	0
Single	2152	2	44	121	529	652	528	218	58	0
Plural	66	0	2	0	4	32	16	12	0	0

PLURAGE

**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  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Plurality	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	10934	100.0	7194	100.0	2920	100.0	783	100.0	1573	100.0
Single	10622	97.1	7013	97.5	2816	96.4	757	96.7	1543	98.1
Plural	312	2.9	181	2.5	104	3.6	26	3.3	30	1.9
<b>Kent</b>	2266	100.0	1520	100.0	647	100.0	91	100.0	204	100.0
Single	2197	97.0	1482	97.5	620	95.8	87	95.6	202	99.0
Plural	69	3.0	38	2.5	27	4.2	4	4.4	2	1.0
<b>New Castle</b>	6450	100.0	3934	100.0	1862	100.0	628	100.0	881	100.0
Single	6273	97.3	3847	97.8	1793	96.3	608	96.8	859	97.5
Plural	177	2.7	87	2.2	69	3.7	20	3.2	22	2.5
Wilmington	1000	100.0	401	100.0	563	100.0	31	100.0	178	100.0
Single	971	97.1	388	96.8	549	97.5	29	93.5	171	96.1
Plural	29	2.9	13	3.2	14	2.5	2	6.5	7	3.9
Balance of NC County	5450	100.0	3533	100.0	1299	100.0	597	100.0	703	100.0
Single	5302	97.3	3459	97.9	1244	95.8	579	97.0	688	97.9
Plural	148	2.7	74	2.1	55	4.2	18	3.0	15	2.1
<b>Sussex</b>	2218	100.0	1740	100.0	411	100.0	64	100.0	488	100.0
Single	2152	97.0	1684	96.8	403	98.1	62	96.9	482	98.8
Plural	66	3.0	56	3.2	8	1.9	2	3.1	6	1.2

PLURRACE

**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, 2014

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	842	7.7	872	7.6	30	2.9
Kent General	1960	17.9	1994	17.4	34	3.3
Christiana Care	5631	51.5	6450	56.1	819	79.7
Milford Memorial	315	2.9	318	2.8	3	0.3
Nanticoke Memorial	852	7.8	877	7.6	25	2.4
St. Francis	640	5.9	688	6.0	48	4.7
Total	10240	93.7	11199	97.5	959	93.3
BIRTHING CENTER	144	1.3	208	1.8	64	6.2
HOME BIRTH	66	0.6	69	0.6	3	0.3
ENROUTE/OTHER	11	0.1	13	0.1	2	0.2
UNKNOWN	0	0.0	0	0.0	0	0.0
TOTAL	10461	95.7	11489	100.0	1028	100.0
<b>OUT-OF-STATE</b>						
HOSPITAL						
Crozier Med. Center, PA	92	0.8	N/A		N/A	
Peninsula General, MD	95	0.9	N/A		N/A	
Riddle Memorial, PA	24	0.2	N/A		N/A	
Other Hospitals	245	2.2	N/A		N/A	
Total	456	4.2	N/A		N/A	
BIRTHING CENTER	4	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	12	0.1	N/A		N/A	
TOTAL	473	4.3	N/A		N/A	
<b>TOTAL</b>	10934	100.0	11489	100.0	1028	100.0

PLACBRTH

**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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(ALL RACES)

Area/ Age	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>U.S.</b>	7.5	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
<20	9.5	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
20-24	7.4	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
25-29	6.6	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
30+	7.5	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
<b>Delaware</b>	8.5	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
<20	10.9	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
20-24	9.0	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
25-29	7.5	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
30+	8.2	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
<b>Kent</b>	8.1	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
<20	9.7	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
20-24	8.0	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
25-29	7.4	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
30+	8.1	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
<b>New Castle</b>	8.8	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
<20	11.4	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
20-24	10.0	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
25-29	7.7	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
30+	8.3	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
<b>Wilmington</b>	12.6	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
<20	14.3	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
20-24	13.5	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
25-29	12.2	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
30+	10.5	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
<b>Balance of NC County</b>	8.0	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
<20	9.6	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
20-24	8.7	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
25-29	7.0	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
30+	8.0	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
<b>Sussex</b>	8.0	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
<20	10.7	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
20-24	7.6	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
25-29	7.1	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
30+	7.7	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

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

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TABLE C-24  
FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS) BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(WHITE)

Area/ Age	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>U.S.</b>	6.4	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
<20	8.1	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
20-24	6.3	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
25-29	5.7	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
30+	6.5	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
<b>Delaware</b>	6.8	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
<20	8.1	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
20-24	6.6	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
25-29	5.9	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
30+	7.0	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
<b>Kent</b>	6.1	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
<20	6.6	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
20-24	6.0	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
25-29	5.0	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
30+	6.3	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
<b>New Castle</b>	6.9	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
<20	8.3	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
20-24	7.1	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
25-29	6.0	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
30+	7.2	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
Wilmington	7.9	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
<20	11.2	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
20-24	8.3	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
25-29	7.3	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
30+	7.1	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
Balance of NC County	6.8	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
<20	7.9	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
20-24	7.0	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
25-29	5.9	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
30+	7.2	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
<b>Sussex</b>	6.9	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
<20	9.1	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
20-24	6.1	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
25-29	6.3	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
30+	7.2	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

**Note:**

N/A indicates data not available.

FYALBW2

**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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(BLACK)

Area/ Age	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>U.S.</b>	13.1	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
<20	13.4	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
20-24	12.0	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
25-29	12.3	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
30+	14.8	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
<b>Delaware</b>	14.1	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
<20	14.1	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
20-24	13.8	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
25-29	14.1	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
30+	14.4	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
<b>Kent</b>	14.1	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
<20	14.4	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
20-24	12.9	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
25-29	14.4	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
30+	15.4	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
<b>New Castle</b>	14.5	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
<20	14.3	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
20-24	14.7	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
25-29	14.3	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
30+	14.7	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
Wilmington	15.2	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
<20	14.9	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
20-24	15.4	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
25-29	15.9	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
30+	15.0	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
Balance of NC County	13.9	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
<20	13.4	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
20-24	14.0	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
25-29	13.4	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
30+	14.5	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
<b>Sussex</b>	12.2	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
<20	13.1	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
20-24	11.7	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
25-29	12.3	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
30+	11.3	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

**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

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FYALBW3

TABLE C-26  
FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS) BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(HISPANIC ORIGIN\*)

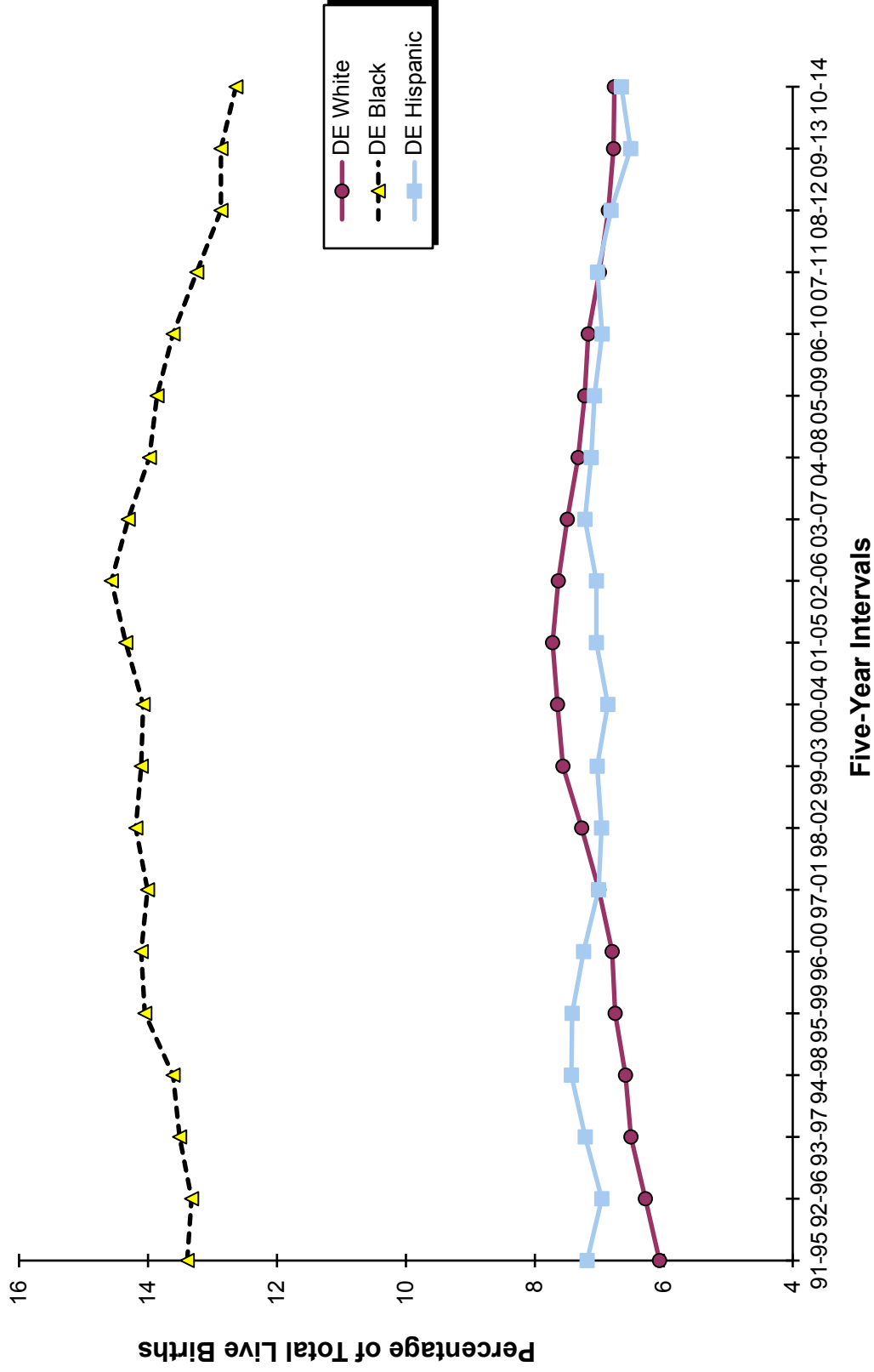
Area/ Age	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014
<b>U.S.</b>	6.4	6.4	6.4	6.4	6.5	6.6	6.7	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0
<20	7.7	7.7	7.7	7.7	7.8	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9
20-24	5.9	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
25-29	5.5	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
30+	6.8	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
<b>Delaware</b>	7.4	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
<20	9.4	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
20-24	6.0	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
25-29	7.5	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
30+	8.2	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
<b>Kent</b>	6.9	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
<20	9.0	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
20-24	5.4	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
25-29	5.4	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
30+	9.8	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
<b>New Castle</b>	8.6	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
<20	10.0	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
20-24	7.2	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
25-29	8.7	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
30+	9.3	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
<b>Wilmington</b>	9.7	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
<20	11.3	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
20-24	7.6	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
25-29	9.7	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
30+	11.5	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
<b>Balance of NC County</b>	7.9	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
<20	8.9	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
20-24	6.9	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
25-29	8.2	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
30+	8.3	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
<b>Sussex</b>	5.1	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
<20	7.7	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
20-24	4.2	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
25-29	5.7	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
30+	4.3	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

**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

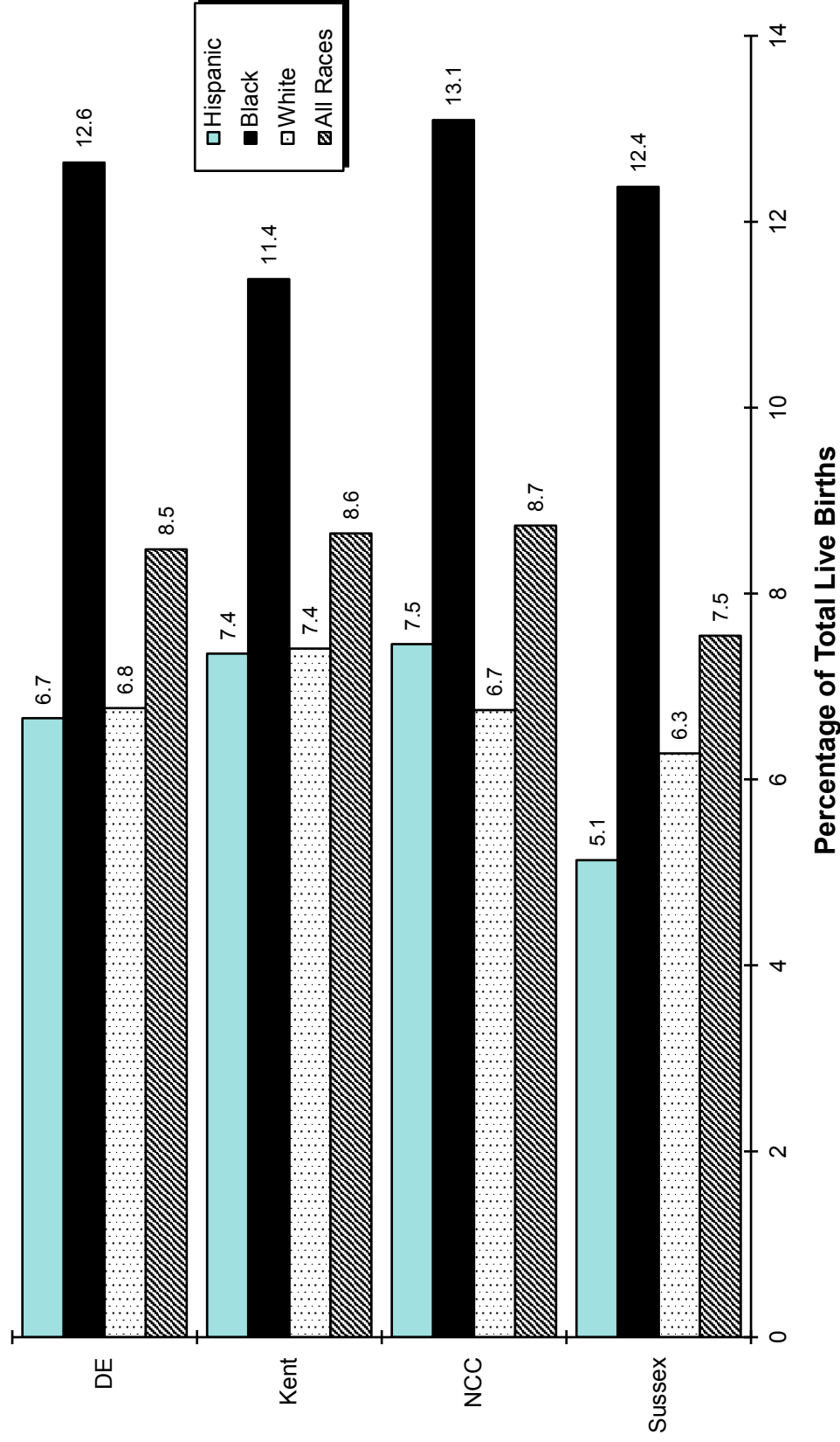
**Figure C-11**  
**Five-Year Average Percentage of Low Birthweight Births (<2500 Grams) by Race and Hispanic Origin\***  
**Delaware, 1991-2014**



**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, 2010-2014**



**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  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(ALL RACES)

Area/ Age	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>U.S.</b>	1.4	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
<20	1.8	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
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	1.2	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+	1.4	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>	1.8	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
<20	2.3	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
20-24	2.0	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
25-29	1.6	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
30+	1.6	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
<b>Kent</b>	1.8	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
<20	1.9	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
20-24	1.6	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
25-29	1.7	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
30+	2.0	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
<b>New Castle</b>	1.9	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
<20	2.4	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
20-24	2.4	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
25-29	1.7	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
30+	1.6	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
<b>Wilmington</b>	2.9	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
<20	3.2	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
20-24	3.3	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
25-29	2.7	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
30+	2.4	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
<b>Balance of NC County</b>	1.7	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
<20	1.9	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
20-24	2.1	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
25-29	1.5	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
30+	1.5	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
<b>Sussex</b>	1.6	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
<20	2.6	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
20-24	1.6	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
25-29	1.3	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
30+	1.4	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

FYAVLBW1

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  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(WHITE)

Area/ Age	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>U.S.</b>	1.1	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
<20	1.4	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
20-24	1.0	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
25-29	1.0	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
30+	1.2	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
<b>Delaware</b>	1.3	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
<20	1.5	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
20-24	1.4	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
25-29	1.2	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
30+	1.3	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
<b>Kent</b>	1.2	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
<20	1.8	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
20-24	0.9	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
25-29	1.2	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
30+	1.2	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
<b>New Castle</b>	1.3	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
<20	1.4	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
20-24	1.5	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
25-29	1.2	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
30+	1.3	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
Wilmington	1.9	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
<20	1.8	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
20-24	2.4	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
25-29	1.5	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
30+	1.8	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
Balance of NC County	1.2	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
<20	1.3	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
20-24	1.4	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
25-29	1.2	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
30+	1.2	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
<b>Sussex</b>	1.4	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
<20	1.6	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
20-24	1.6	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
25-29	1.0	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
30+	1.4	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

FYAVLBW2

**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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(BLACK)

Area/ Age	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>U.S.</b>	3.1	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
<20	2.8	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
20-24	2.7	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
25-29	3.1	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
30+	3.7	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
<b>Delaware</b>	3.5	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
<20	3.3	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
20-24	3.5	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
25-29	3.6	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
30+	3.7	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
<b>Kent</b>	3.5	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
<20	2.1	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
20-24	3.5	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
25-29	3.4	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
30+	5.1	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
<b>New Castle</b>	3.7	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
<20	3.3	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
20-24	4.0	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
25-29	3.8	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
30+	3.7	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
<b>Wilmington</b>	3.5	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
<20	3.5	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
20-24	3.7	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
25-29	3.6	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
30+	3.3	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
<b>Balance of NC County</b>	3.9	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
<20	3.1	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
20-24	4.4	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
25-29	3.9	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
30+	4.0	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
<b>Sussex</b>	2.6	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
<20	4.1	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
20-24	1.8	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
25-29	2.8	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
30+	1.5	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

FYAVLBW3

**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  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1995-2014

(HISPANIC ORIGIN\*)

Area/ Age	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>U.S.</b>	1.1	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
<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	1.0	1.1
25-29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	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	1.5	1.6	1.3	1.3	1.3	1.2	1.1	1.2	1.1	1.3	1.3	1.3	1.4
<20	1.3	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
20-24	1.4	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
25-29	1.7	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
30+	1.7	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
<b>Kent</b>	1.1	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
<20	1.5	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
20-24	1.6	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
25-29	1.1	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
30+	0.0	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
<b>New Castle</b>	1.9	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
<20	1.7	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
20-24	1.6	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
25-29	2.1	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
30+	2.3	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
<b>Wilmington</b>	2.3	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
<20	2.1	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
20-24	2.3	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
25-29	3.2	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
30+	1.5	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
<b>Balance of NC County</b>	1.6	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
<20	1.3	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
20-24	1.2	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
25-29	1.6	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
30+	2.6	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
<b>Sussex</b>	0.8	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
<20	0.0	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
20-24	0.9	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
25-29	1.0	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
30+	0.7	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

FYAVLBW4

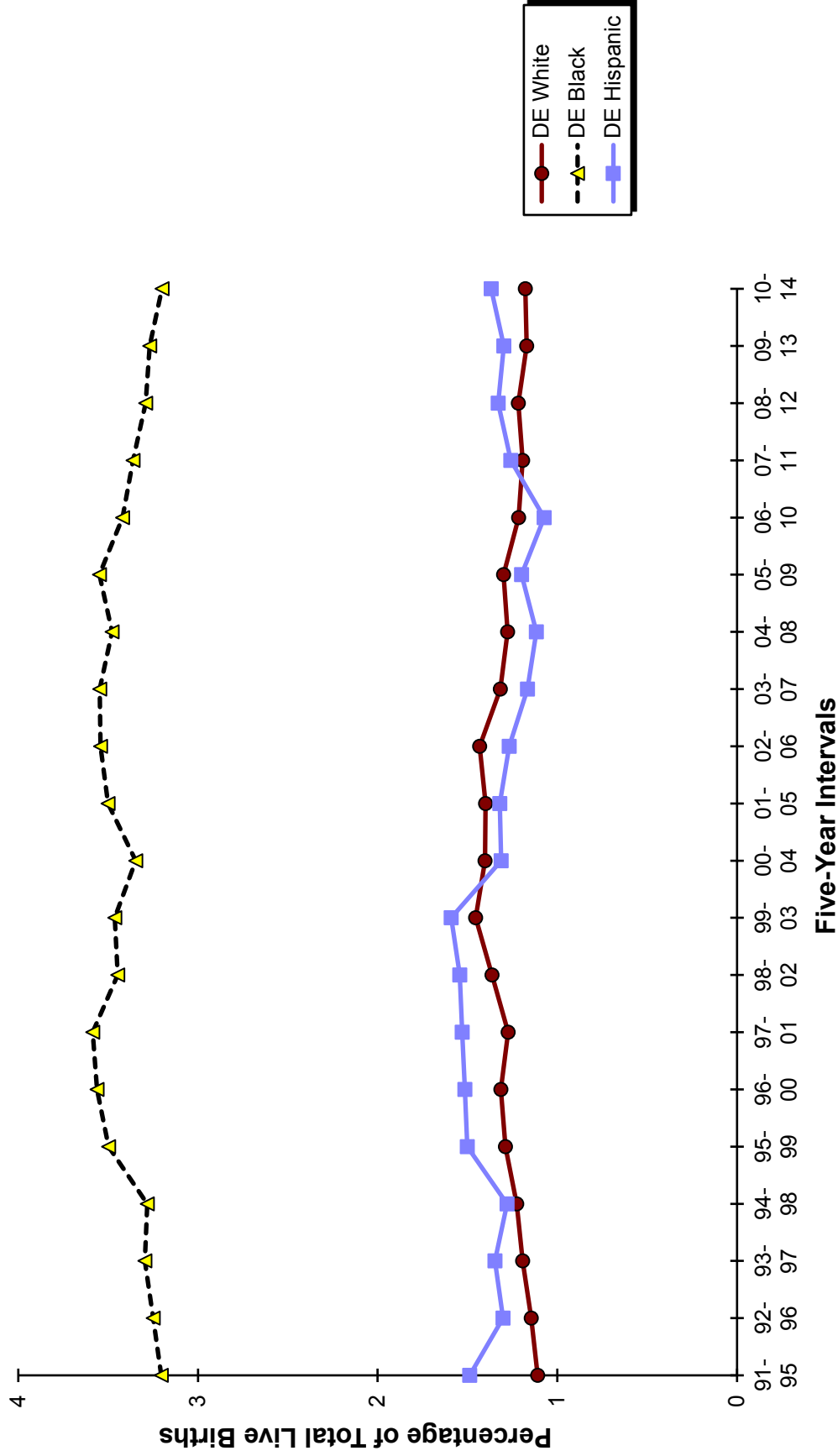
**Notes:**

\*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

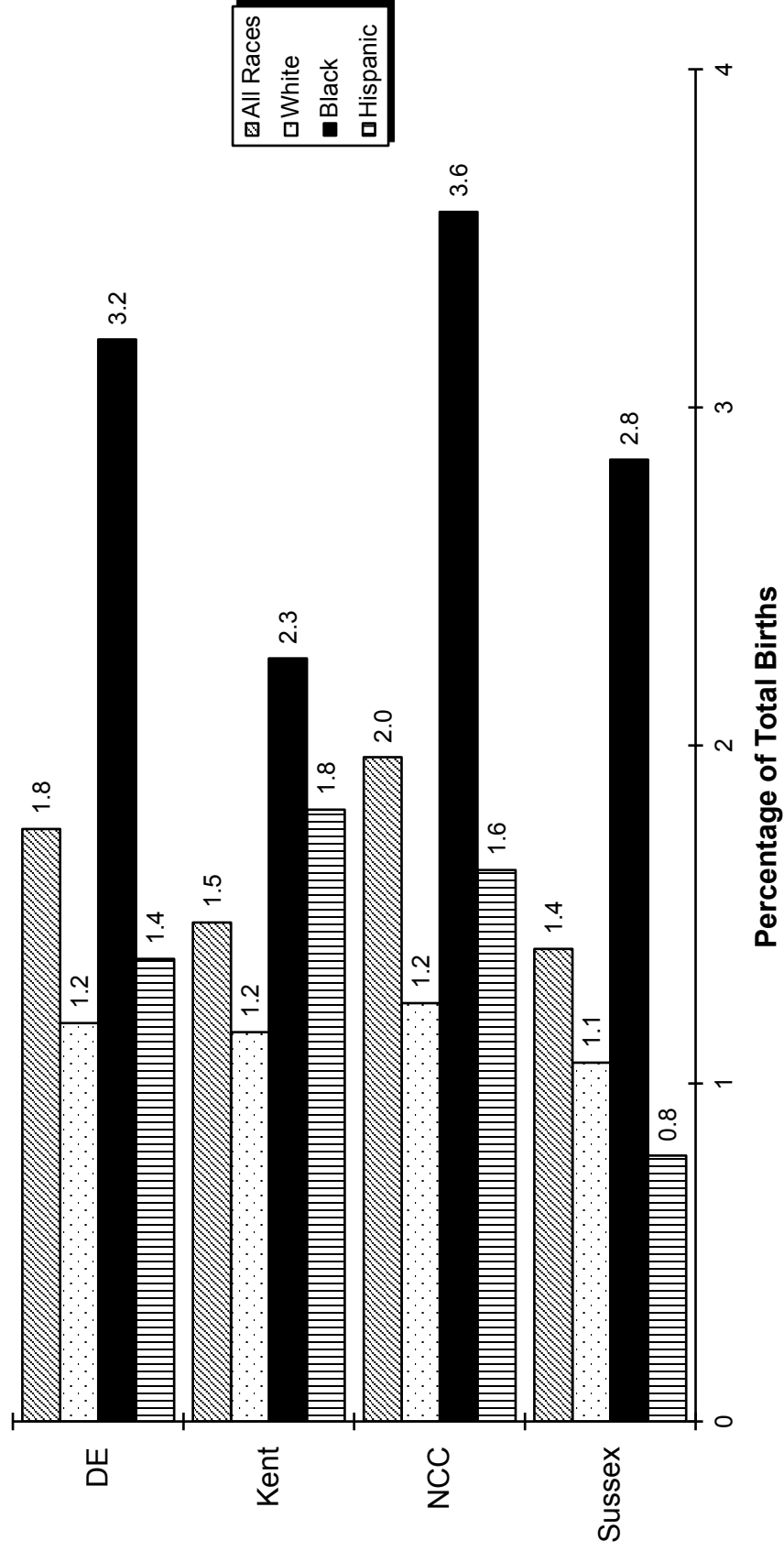
Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure C-13**  
**Five-Year Average Percentage of Very Low Birthweight Births (<1500 Grams) by Race and Hispanic Origin\***  
**Delaware, 1991-2014**



**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, 2010-2014**



**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  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Birthweight	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
<b>Delaware</b>	10934	9	168	444	2298	3297	3085	1305	328	0
<2500	904	2	23	40	194	282	223	103	37	0
<1500	193	0	2	6	37	68	46	26	8	0
<500	22	0	0	1	3	11	3	1	3	0
500-749	40	0	1	4	7	13	7	5	3	0
750-999	37	0	0	1	10	11	8	7	0	0
1000-1499	94	0	1	0	17	33	28	13	2	0
1500-1999	181	1	6	8	35	60	39	25	7	0
2000-2499	530	1	15	26	122	154	138	52	22	0
2500+	10019	7	145	404	2101	3012	2859	1202	289	0
Unknown	11	0	0	0	3	3	3	0	2	0
<b>Kent</b>	2266	2	29	98	608	726	554	207	42	0
<2500	201	0	8	13	53	66	37	21	3	0
<1500	41	0	0	3	11	14	6	5	2	0
<500	5	0	0	0	2	3	0	0	0	0
500-749	11	0	0	2	2	3	3	0	1	0
750-999	8	0	0	1	1	2	2	2	0	0
1000-1499	17	0	0	0	6	6	1	3	1	0
1500-1999	40	0	2	1	9	14	7	6	1	0
2000-2499	120	0	6	9	33	38	24	10	0	0
2500+	2063	2	21	85	554	660	516	186	39	0
Unknown	2	0	0	0	1	0	1	0	0	0
<b>New Castle</b>	6450	5	93	225	1157	1887	1987	868	228	0
<2500	537	2	7	19	107	158	148	66	30	0
<1500	123	0	0	2	21	44	33	17	6	0
<500	15	0	0	1	1	8	1	1	3	0
500-749	21	0	0	1	3	8	3	4	2	0
750-999	27	0	0	0	8	9	6	4	0	0
1000-1499	60	0	0	0	9	19	23	8	1	0
1500-1999	101	1	3	5	18	30	26	13	5	0
2000-2499	313	1	4	12	68	84	89	36	19	0
2500+	5905	3	86	206	1048	1726	1838	802	196	0
Unknown	8	0	0	0	2	3	1	0	2	0
Wilmington	1000	2	25	62	245	267	241	131	27	0
<2500	110	2	1	4	31	31	23	13	5	0
<1500	26	0	0	1	7	8	6	4	0	0
<500	3	0	0	0	0	3	0	0	0	0
500-749	5	0	0	1	3	0	0	1	0	0
750-999	10	0	0	0	3	2	3	2	0	0
1000-1499	8	0	0	0	1	3	3	1	0	0
1500-1999	22	1	0	2	4	8	4	2	1	0
2000-2499	62	1	1	1	20	15	13	7	4	0
2500+	888	0	24	58	214	234	218	118	22	0
Unknown	2	0	0	0	0	2	0	0	0	0
Balance of										
NC County	5450	3	68	163	912	1620	1746	737	201	0
<2500	427	0	6	15	76	127	125	53	25	0
<1500	97	0	0	1	14	36	27	13	6	0
<500	12	0	0	1	1	5	1	1	3	0
500-749	16	0	0	0	0	8	3	3	2	0
750-999	17	0	0	0	5	7	3	2	0	0
1000-1499	52	0	0	0	8	16	20	7	1	0
1500-1999	79	0	3	3	14	22	22	11	4	0
2000-2499	251	0	3	11	48	69	76	29	15	0
2500+	5017	3	62	148	834	1492	1620	684	174	0
Unknown	6	0	0	0	2	1	1	0	2	0
<b>Sussex</b>	2218	2	46	121	533	684	544	230	58	0
<2500	166	0	8	8	34	58	38	16	4	0
<1500	29	0	2	1	5	10	7	4	0	0
<500	2	0	0	0	0	0	2	0	0	0
500-749	8	0	1	1	2	2	1	1	0	0
750-999	2	0	0	0	1	0	0	1	0	0
1000-1499	17	0	1	0	2	8	4	2	0	0
1500-1999	40	0	1	2	8	16	6	6	1	0
2000-2499	97	0	5	5	21	32	25	6	3	0
2500+	2051	2	38	113	499	626	505	214	54	0
Unknown	1	0	0	0	0	0	1	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

AGEBRWT

TABLE C-32

## NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS, RACE AND HISPANIC ORIGIN OF MOTHER

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Birthweight	Race				Hispanic Origin*
	All Races	White	Black	Other	
<b>Delaware</b>	10934	7194	2920	783	1573
<2500	904	479	351	72	106
<1500	193	90	91	11	24
<500	22	9	11	2	3
500-749	40	16	23	1	6
750-999	37	16	19	2	5
1000-1499	94	49	38	6	10
1500-1999	181	113	52	16	17
2000-2499	530	276	208	45	65
2500+	10019	6714	2569	710	1460
Unknown	11	1	0	1	7
<b>Kent</b>	2266	1520	647	91	204
<2500	201	109	78	14	13
<1500	41	22	18	1	5
<500	5	5	0	0	1
500-749	11	4	7	0	2
750-999	8	3	5	0	0
1000-1499	17	10	6	1	2
1500-1999	40	24	12	4	1
2000-2499	120	63	48	9	7
2500+	2063	1411	569	77	189
Unknown	2	0	0	0	2
<b>New Castle</b>	6450	3934	1862	628	881
<2500	537	257	229	50	63
<1500	123	50	62	10	13
<500	15	3	10	2	1
500-749	21	7	13	1	3
750-999	27	12	13	2	4
1000-1499	60	28	26	5	5
1500-1999	101	61	29	11	11
2000-2499	313	146	138	29	39
2500+	5905	3677	1633	577	813
Unknown	8	0	0	1	5
Wilmington	1000	401	563	31	178
<2500	110	30	78	2	14
<1500	26	5	21	0	3
<500	3	1	2	0	0
500-749	5	0	5	0	0
750-999	10	3	7	0	3
1000-1499	8	1	7	0	0
1500-1999	22	5	17	0	3
2000-2499	62	20	40	2	8
2500+	888	371	485	29	163
Unknown	2	0	0	0	1
Balance of NC County	5450	3533	1299	597	703
<2500	427	227	151	48	49
<1500	97	45	41	10	10
<500	12	2	8	2	1
500-749	16	7	8	1	3
750-999	17	9	6	2	1
1000-1499	52	27	19	5	5
1500-1999	79	56	12	11	8
2000-2499	251	126	98	27	31
2500+	5017	3306	1148	548	650
Unknown	6	0	0	1	4
<b>Sussex</b>	2218	1740	411	64	488
<2500	166	113	44	8	30
<1500	29	18	11	0	6
<500	2	1	1	0	1
500-749	8	5	3	0	1
750-999	2	1	1	0	1
1000-1499	17	11	6	0	3
1500-1999	40	28	11	1	5
2000-2499	97	67	22	7	19
2500+	2051	1626	367	56	458
Unknown	1	1	0	0	0

RACEBRWT

## 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 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, 2014

Race-Origin/ Weeks	Age							
	Total	<20	20-24	25-29	30-34	35-39	40+	Unknown
<b>All Races</b>	10934	621	2298	3297	3085	1305	328	0
<20 Weeks	7	0	0	5	1	1	0	0
20-27 Weeks	114	11	18	41	24	14	6	0
28-31 Weeks	168	8	40	46	49	20	5	0
32-35 Weeks	615	57	135	185	138	78	22	0
36 Weeks	428	28	84	132	111	56	17	0
37-39 Weeks	5688	280	1080	1678	1674	771	205	0
40 Weeks	2192	132	493	674	642	208	43	0
41 Weeks	1103	65	270	350	293	108	17	0
42+ Weeks	602	39	173	180	150	49	11	0
Unknown	17	1	5	6	3	0	2	0
<b>White</b>	7194	354	1413	2199	2137	876	215	0
<20 Weeks	1	0	0	1	0	0	0	0
20-27 Weeks	58	6	10	21	13	6	2	0
28-31 Weeks	89	6	15	24	32	8	4	0
32-35 Weeks	388	31	81	123	87	49	17	0
36 Weeks	260	15	48	84	64	38	11	0
37-39 Weeks	3698	168	635	1086	1155	520	134	0
40 Weeks	1510	80	317	481	464	143	25	0
41 Weeks	779	32	186	256	215	77	13	0
42+ Weeks	408	16	120	121	107	35	9	0
Unknown	3	0	1	2	0	0	0	0
<b>Black</b>	2920	244	797	840	655	307	77	0
<20 Weeks	6	0	0	4	1	1	0	0
20-27 Weeks	48	5	8	16	9	7	3	0
28-31 Weeks	69	2	22	20	15	9	1	0
32-35 Weeks	186	25	46	48	40	23	4	0
36 Weeks	135	11	32	40	33	13	6	0
37-39 Weeks	1572	103	414	459	363	185	48	0
40 Weeks	509	46	158	134	117	43	11	0
41 Weeks	236	31	72	66	49	16	2	0
42+ Weeks	155	20	44	52	27	10	2	0
Unknown	4	1	1	1	1	0	0	0
<b>Other</b>	783	21	80	245	286	119	32	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	8	0	0	4	2	1	1	0
28-31 Weeks	9	0	2	2	2	3	0	0
32-35 Weeks	38	1	7	14	9	6	1	0
36 Weeks	32	2	3	8	14	5	0	0
37-39 Weeks	403	7	31	127	152	65	21	0
40 Weeks	171	6	18	57	61	22	7	0
41 Weeks	83	2	10	26	29	14	2	0
42+ Weeks	38	3	9	7	16	3	0	0
Unknown	1	0	0	0	1	0	0	0
<b>Hispanic Origin*</b>	1573	134	422	432	346	179	60	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	18	2	5	6	3	2	0	0
28-31 Weeks	25	3	6	4	7	3	2	0
32-35 Weeks	100	15	30	21	15	12	7	0
36 Weeks	65	6	14	22	15	5	3	0
37-39 Weeks	822	64	200	230	188	103	37	0
40 Weeks	291	26	84	84	70	24	3	0
41 Weeks	144	10	45	37	29	20	3	0
42+ Weeks	100	8	35	26	18	10	3	0
Unknown	8	0	3	2	1	0	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.

NGESRCAG

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, 2014

Race-Origin/ Birthweight	Weeks of Gestation									Unknown
	Total	Preterm				Term			Postterm	
		<28 Weeks	28-31 Weeks	32-35 Weeks	36 Weeks	37-39 Weeks	40 Weeks	41 Weeks	42+ Weeks	
<b>All Races</b>	10934	121	168	615	428	5688	2192	1103	602	17
<500	22	22	0	0	0	0	0	0	0	0
500-999	77	62	13	2	0	0	0	0	0	0
1000-1499	94	21	43	26	0	2	0	1	1	0
1500-1999	181	6	39	100	16	15	0	2	3	0
2000-2499	530	3	16	158	84	233	17	6	12	1
2500-2999	2007	7	18	163	153	1251	228	106	75	6
3000-3499	4203	0	21	106	118	2436	883	402	237	0
3500-3999	2863	0	18	47	43	1327	808	414	206	0
4000-4499	809	0	0	11	10	363	229	140	56	0
4500+	137	0	0	1	4	61	27	32	12	0
Unknown	11	0	0	1	0	0	0	0	0	10
<b>White</b>	7194	59	89	388	260	3698	1510	779	408	3
<500	9	9	0	0	0	0	0	0	0	0
500-999	32	26	5	1	0	0	0	0	0	0
1000-1499	49	13	17	17	0	1	0	1	0	0
1500-1999	113	6	26	60	11	8	0	2	0	0
2000-2499	276	1	8	100	38	112	10	2	4	1
2500-2999	1122	4	8	98	92	681	129	68	40	2
3000-3499	2707	0	14	71	70	1576	560	262	154	0
3500-3999	2106	0	11	31	35	974	600	297	158	0
4000-4499	661	0	0	8	10	293	190	119	41	0
4500+	118	0	0	1	4	53	21	28	11	0
Unknown	1	0	0	1	0	0	0	0	0	0
<b>Black</b>	2920	54	69	186	135	1572	509	236	155	4
<500	11	11	0	0	0	0	0	0	0	0
500-999	42	33	8	1	0	0	0	0	0	0
1000-1499	38	5	23	8	0	1	0	0	1	0
1500-1999	52	0	11	31	3	5	0	0	2	0
2000-2499	208	2	8	51	39	91	7	4	6	0
2500-2999	713	3	7	52	48	454	84	28	33	4
3000-3499	1152	0	5	28	39	680	231	106	63	0
3500-3999	581	0	7	12	6	282	155	81	38	0
4000-4499	107	0	0	3	0	51	27	15	11	0
4500+	16	0	0	0	0	8	5	2	1	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Other</b>	783	8	9	38	32	403	171	83	38	1
<500	2	2	0	0	0	0	0	0	0	0
500-999	3	3	0	0	0	0	0	0	0	0
1000-1499	6	3	2	1	0	0	0	0	0	0
1500-1999	16	0	2	9	2	2	0	0	1	0
2000-2499	45	0	0	6	7	30	0	0	2	0
2500-2999	162	0	3	12	12	110	15	8	2	0
3000-3499	334	0	2	6	9	175	91	32	19	0
3500-3999	171	0	0	4	2	68	52	35	10	0
4000-4499	40	0	0	0	0	18	12	6	4	0
4500+	3	0	0	0	0	0	1	2	0	0
Unknown	1	0	0	0	0	0	0	0	0	1
<b>Hispanic Origin*</b>	1573	18	25	100	65	822	291	144	100	8
<500	3	3	0	0	0	0	0	0	0	0
500-999	11	7	4	0	0	0	0	0	0	0
1000-1499	10	4	3	3	0	0	0	0	0	0
1500-1999	17	1	2	8	3	1	0	1	1	0
2000-2499	65	1	0	26	12	19	4	1	2	0
2500-2999	277	2	5	20	12	176	31	21	9	1
3000-3499	693	0	6	30	21	397	133	59	47	0
3500-3999	378	0	5	12	15	176	92	44	34	0
4000-4499	98	0	0	1	2	44	31	13	7	0
4500+	14	0	0	0	0	9	0	5	0	0
Unknown	7	0	0	0	0	0	0	0	0	7

GESTWGT

**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, AND AGE OF MOTHER  
AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY

DELAWARE, 2014

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>	10934	100.0	5005	45.8	5293	48.4	237	2.2	349	3.2	43	0.4
<20	621	100.0	497	80.0	100	16.1	11	1.8	9	1.4	3	0.5
20-24	2298	100.0	1502	65.4	643	28.0	57	2.5	87	3.8	7	0.3
25-29	3297	100.0	1515	46.0	1569	47.6	75	2.3	127	3.9	10	0.3
30-34	3085	100.0	1005	32.6	1919	62.2	56	1.8	93	3.0	11	0.4
35+	1633	100.0	486	29.8	1062	65.0	38	2.3	33	2.0	12	0.7
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>White</b>	7194	100.0	2927	40.7	3787	52.6	189	2.6	264	3.7	23	0.3
<20	354	100.0	274	77.4	62	17.5	9	2.5	9	2.5	0	0.0
20-24	1413	100.0	870	61.6	426	30.1	45	3.2	67	4.7	3	0.2
25-29	2199	100.0	895	40.7	1142	51.9	63	2.9	93	4.2	5	0.2
30-34	2137	100.0	598	28.0	1415	66.2	42	2.0	74	3.5	7	0.3
35+	1091	100.0	290	26.6	742	68.0	30	2.7	21	1.9	8	0.7
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>Black</b>	2920	100.0	1855	63.5	947	32.4	36	1.2	71	2.4	8	0.3
<20	244	100.0	205	84.0	33	13.5	2	0.8	0	0.0	3	1.2
20-24	797	100.0	595	74.7	177	22.2	8	1.0	16	2.0	1	0.1
25-29	840	100.0	552	65.7	251	29.9	10	1.2	26	3.1	1	0.1
30-34	655	100.0	343	52.4	284	43.4	9	1.4	17	2.6	2	0.3
35+	384	100.0	160	41.7	202	52.6	7	1.8	12	3.1	1	0.3
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>Other</b>	783	100.0	214	27.3	541	69.1	11	1.4	14	1.8	3	0.4
<20	21	100.0	16	76.2	5	23.8	0	0.0	0	0.0	0	0.0
20-24	80	100.0	35	43.8	38	47.5	3	3.8	4	5.0	0	0.0
25-29	245	100.0	67	27.3	167	68.2	2	0.8	8	3.3	1	0.4
30-34	286	100.0	62	21.7	216	75.5	5	1.7	2	0.7	1	0.3
35+	151	100.0	34	22.5	115	76.2	1	0.7	0	0.0	1	0.7
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>Hispanic Origin*</b>	1573	100.0	1176	74.8	286	18.2	51	3.2	46	2.9	14	0.9
<20	134	100.0	114	85.1	12	9.0	5	3.7	3	2.2	0	0.0
20-24	422	100.0	341	80.8	55	13.0	10	2.4	13	3.1	3	0.7
25-29	432	100.0	318	73.6	78	18.1	17	3.9	14	3.2	5	1.2
30-34	346	100.0	252	72.8	71	20.5	9	2.6	11	3.2	3	0.9
35+	239	100.0	151	63.2	70	29.3	10	4.2	5	2.1	3	1.3
Unknown	0	...	0	...	0	...	0	...	0	...	0	...

PSOPRCAG

**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, AND MARITAL STATUS OF MOTHER,  
AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY

DELAWARE, 2014

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>	10934	100.0	5005	45.8	5293	48.4	237	2.2	349	3.2	43	0.4
Married	5860	100.0	1350	23.0	4032	68.8	167	2.8	277	4.7	31	0.5
Single	5074	100.0	3655	72.0	1261	24.9	70	1.4	72	1.4	12	0.2
<b>White</b>	7194	100.0	2927	40.7	3787	52.6	189	2.6	264	3.7	23	0.3
Married	4294	100.0	889	20.7	3025	70.4	139	3.2	221	5.1	17	0.4
Single	2900	100.0	2038	70.3	762	26.3	50	1.7	43	1.5	6	0.2
<b>Black</b>	2920	100.0	1855	63.5	947	32.4	36	1.2	71	2.4	8	0.3
Married	874	100.0	321	36.7	489	55.9	18	2.1	44	5.0	2	0.2
Single	2046	100.0	1534	75.0	458	22.4	18	0.9	27	1.3	6	0.3
<b>Other</b>	783	100.0	214	27.3	541	69.1	11	1.4	14	1.8	3	0.4
Married	667	100.0	136	20.4	506	75.9	10	1.5	12	1.8	3	0.4
Single	116	100.0	78	67.2	35	30.2	1	0.9	2	1.7	0	0.0
<b>Hispanic Origin*</b>	1573	100.0	1176	74.8	286	18.2	51	3.2	46	2.9	14	0.9
Married	618	100.0	366	59.2	187	30.3	22	3.6	33	5.3	10	1.6
Single	955	100.0	810	84.8	99	10.4	29	3.0	13	1.4	4	0.4

PSOPRCMS

**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, 2014

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>	10934	100.0	5005	100.0	5293	100.0	237	100.0	349	100.0	43	100.0
Vaginal	7484	68.4	3473	69.4	3529	66.7	185	78.1	266	76.2	24	55.8
C-section	3439	31.5	1531	30.6	1764	33.3	52	21.9	83	23.8	9	20.9
Unknown	11	0.1	1	0.0	0	0.0	0	0.0	0	0.0	10	23.3
<b>White</b>	7194	100.0	2927	100.0	3787	100.0	189	100.0	264	100.0	23	100.0
Vaginal	4961	69.0	2035	69.5	2548	67.3	153	81.0	204	77.3	17	73.9
C-section	2233	31.0	892	30.5	1239	32.7	36	19.0	60	22.7	6	26.1
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Black</b>	2920	100.0	1855	100.0	947	100.0	36	100.0	71	100.0	8	100.0
Vaginal	1967	67.4	1279	68.9	607	64.1	24	66.7	49	69.0	5	62.5
C-section	952	32.6	575	31.0	340	35.9	12	33.3	22	31.0	3	37.5
Unknown	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
<b>Other</b>	783	100.0	214	100.0	541	100.0	11	100.0	14	100.0	3	100.0
Vaginal	535	68.3	151	70.6	362	66.9	7	63.6	13	92.9	2	66.7
C-section	247	31.5	63	29.4	179	33.1	4	36.4	1	7.1	0	0.0
Unknown	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3
<b>Hispanic Origin*</b>	1573	100.0	1176	100.0	286	100.0	51	100.0	46	100.0	14	100.0
Vaginal	1116	70.9	850	72.3	187	65.4	39	76.5	35	76.1	5	35.7
C-section	450	28.6	326	27.7	99	34.6	12	23.5	11	23.9	2	14.3
Unknown	7	0.4	0	0.0	0	0.0	0	0.0	0	0.0	7	50.0

PSOPRCMD

**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, 2014

Method of Delivery	Number
<b>Total</b>	10934
<b>Vaginal</b>	7484
<b>C-Section</b>	3439
Primary C-Section	1854
Repeat C-Section	1585
<b>Unknown</b>	11

**Source:** METHOD1  
Delaware Health and Social Services,  
Division of Public Health,

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

DELAWARE, 2014

Birth weight	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10934	100.0	7484	68.4	3439	31.5	11	0.1
<2500	904	100.0	508	56.2	396	43.8	0	0.0
<1500	193	100.0	85	44.0	108	56.0	0	0.0
1500-2499	711	100.0	423	59.5	288	40.5	0	0.0
2500+	10019	100.0	6975	69.6	3043	30.4	1	0.0
Unknown	11	100.0	1	9.1	0	0.0	10	90.9

**Notes:** METHOD2  
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

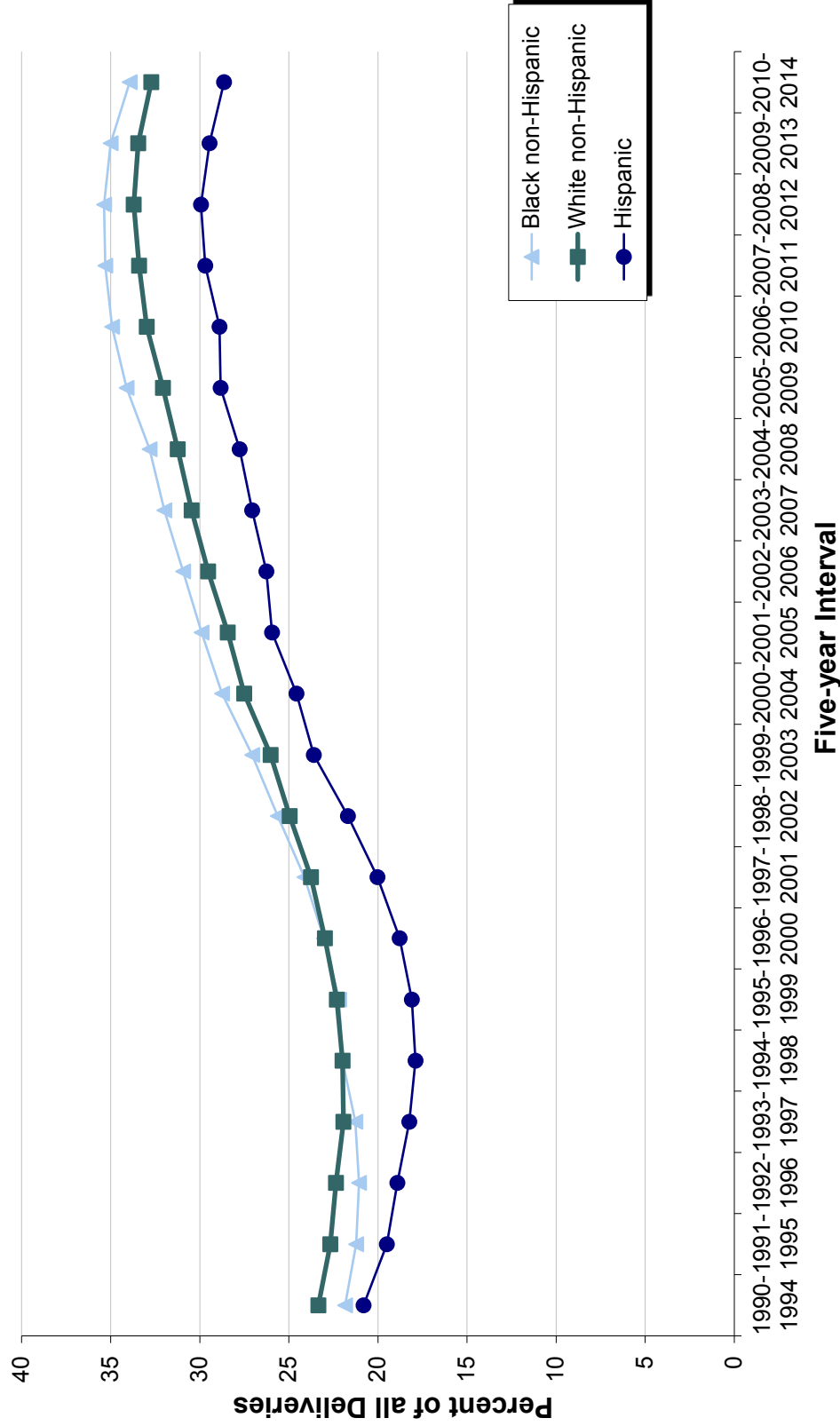
DELAWARE, 2014

Age	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10934	100.0	7484	68.4	3439	31.5	11	0.1
<20	621	100.0	495	79.7	126	20.3	0	0.0
20-24	2298	100.0	1699	73.9	596	25.9	3	0.1
25-29	3297	100.0	2315	70.2	978	29.7	4	0.1
30-34	3085	100.0	2033	65.9	1050	34.0	2	0.1
35+	1633	100.0	942	57.7	689	42.2	2	0.1
Unknown	0	...	0	...	0	...	0	...

**Notes:** METHOD3  
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, 1990-2014**



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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Tobacco Use	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	10934	100.0	7194	100.0	2920	100.0	783	100.0	1573	100.0
Yes	1174	10.7	830	11.5	314	10.8	30	3.8	61	3.9
No	9738	89.1	6356	88.4	2602	89.1	752	96.0	1501	95.4
Unknown	22	0.2	8	0.1	4	0.1	1	0.1	11	0.7
<b>Kent</b>	2266	100.0	1520	100.0	647	100.0	91	100.0	204	100.0
Yes	252	11.1	186	12.2	58	9.0	8	8.8	10	4.9
No	2011	88.7	1334	87.8	588	90.9	83	91.2	192	94.1
Unknown	3	0.1	0	0.0	1	0.2	0	0.0	2	1.0
<b>New Castle</b>	6450	100.0	3934	100.0	1862	100.0	628	100.0	881	100.0
Yes	621	9.6	399	10.1	205	11.0	17	2.7	48	5.4
No	5816	90.2	3532	89.8	1655	88.9	610	97.1	827	93.9
Unknown	13	0.2	3	0.1	2	0.1	1	0.2	6	0.7
Wilmington	1000	100.0	401	100.0	563	100.0	31	100.0	178	100.0
Yes	139	13.9	34	8.5	97	17.2	8	25.8	17	9.6
No	858	85.8	367	91.5	465	82.6	23	74.2	160	89.9
Unknown	3	0.3	0	0.0	1	0.2	0	0.0	1	0.6
Balance of NC County	5450	100.0	3533	100.0	1299	100.0	597	100.0	703	100.0
Yes	482	8.8	365	10.3	108	8.3	9	1.5	31	4.4
No	4958	91.0	3165	89.6	1190	91.6	587	98.3	667	94.9
Unknown	10	0.2	3	0.1	1	0.1	1	0.2	5	0.7
<b>Sussex</b>	2218	100.0	1740	100.0	411	100.0	64	100.0	488	100.0
Yes	301	13.6	245	14.1	51	12.4	5	7.8	3	0.6
No	1911	86.2	1490	85.6	359	87.3	59	92.2	482	98.8
Unknown	6	0.3	5	0.3	1	0.2	0	0.0	3	0.6

TOBALC3

**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, 2014

Age	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10934	100.0	1174	10.7	9738	89.1	22	0.2
< 18	177	100.0	18	10.2	158	89.3	1	0.6
18-19	444	100.0	54	12.2	389	87.6	1	0.2
20-24	2298	100.0	335	14.6	1959	85.2	4	0.2
25-29	3297	100.0	395	12.0	2894	87.8	8	0.2
30-34	3085	100.0	282	9.1	2800	90.8	3	0.1
35 +	1633	100.0	90	5.5	1538	94.2	5	0.3
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 Statistics Center

TABLE C-43  
NUMBER AND PERCENT OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS  
AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Birth Weight	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	10934	100.0	1174	100.0	9738	100.0	22	100.0
<2500	904	8.3	190	16.2	713	7.3	1	4.5
2500+	10019	91.6	983	83.7	9025	92.7	11	50.0
Unknown	11	0.1	1	0.1	0	0.0	10	45.5
<b>Kent</b>	2266	100.0	252	100.0	2011	100.0	3	100.0
<2500	201	8.9	47	18.7	154	7.7	0	0.0
2500+	2063	91.0	205	81.3	1857	92.3	1	33.3
Unknown	2	0.1	0	0.0	0	0.0	2	66.7
<b>New Castle</b>	6450	100.0	621	100.0	5816	100.0	13	100.0
<2500	537	8.3	101	16.3	435	7.5	1	7.7
2500+	5905	91.6	520	83.7	5381	92.5	4	30.8
Unknown	8	0.1	0	0.0	0	0.0	8	61.5
Wilmington	1000	100.0	139	100.0	858	100.0	3	100.0
<2500	110	11.0	25	18.0	85	9.9	0	0.0
2500+	888	88.8	114	82.0	773	90.1	1	33.3
Unknown	2	0.2	0	0.0	0	0.0	2	66.7
Balance of NC County	5450	100.0	482	100.0	4958	100.0	10	100.0
<2500	427	7.8	76	15.8	350	7.1	1	10.0
2500+	5017	92.1	406	84.2	4608	92.9	3	30.0
Unknown	6	0.1	0	0.0	0	0.0	6	60.0
<b>Sussex</b>	2218	100.0	301	100.0	1911	100.0	6	100.0
<2500	166	7.5	42	14.0	124	6.5	0	0.0
2500+	2051	92.5	258	85.7	1787	93.5	6	100.0
Unknown	1	0.0	1	0.3	0	0.0	0	0.0

TOBAGBW2

**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 -2014

Year/ Area	Race			Hispanic Origin*
	All Races	White	Black	
<b>2014</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	10.7	11.5	10.8	3.9
<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

TOBPCT

**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, 2014

Day	Number	Percent
Sunday	1099	10.1
Monday	1675	15.3
Tuesday	1740	15.9
Wednesday	1660	15.2
Thursday	1752	16.0
Friday	1767	16.2
Saturday	1241	11.3
Total	10934	100.0

**Notes:** DAYMONB1  
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, 2014

Month	Number	Percent
January	901	8.2
February	830	7.6
March	929	8.5
April	879	8.0
May	951	8.7
June	908	8.3
July	937	8.6
August	972	8.9
September	931	8.5
October	932	8.5
November	839	7.7
December	925	8.5
Total	10934	100.0

**Notes:** DAYMONB2  
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, 2013-2014

**Males**

Rank	2013	
	Name	Number
1	Mason	58
2	Michael	56
3	Liam	52
4	Aiden	51
5	Alexander	48
5	William	48
7	John	45
7	Logan	45
9	Jackson	44
10	Jayden	41
10	Joseph	41
12	Noah	40
13	Benjamin	39
13	Ethan	39
15	Andrew	36

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

**Females**

Rank	2013	
	Name	Number
1	Ava	53
2	Olivia	52
3	Emma	48
4	Abigail	43
5	Emily	41
5	Sophia	41
7	Isabella	40
8	Madison	36
9	Aubrey	32
10	Charlotte	31
11	Grace	27
12	Elizabeth	26
13	Lily	24
14	Chloe	22
14	Mia	22

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
10	Aubrey	26
11	Layla	26
13	Avery	25
13	Lillian	25
15	Abigail	24

NAMESGEN

**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, 2014

State	Low Birthweight	
	Rate	Rank
Alabama	10.1	3
Alaska	5.9	50
Arizona	7.0	37
Arkansas	8.9	9
California	6.7	41
Colorado	8.8	11
Connecticut	7.6	30
<b>Delaware</b>	8.3	18
District of Columbia	5.8	51
Florida	8.7	14
Georgia	9.5	4
Hawaii	7.9	27
Idaho	6.4	46
Illinois	8.2	21
Indiana	8.0	25
Iowa	6.7	41
Kansas	7.0	37
Kentucky	8.8	11
Louisiana	10.5	2
Maine	7.6	30
Maryland	8.6	15
Massachusetts	7.5	32
Michigan	8.4	17
Minnesota	6.6	43
Mississippi	11.3	1
Missouri	8.2	21
Montana	7.4	33
Nebraska	6.6	43
Nevada	8.3	18
New Hampshire	6.9	40
New Jersey	8.1	24
New Mexico	8.8	11
New York	7.9	27
North Carolina	8.9	9
North Dakota	6.2	48
Ohio	8.5	16
Oklahoma	8.0	25
Oregon	6.2	48
Pennsylvania	8.3	18
Rhode Island	7.1	35
South Carolina	9.4	5
South Dakota	6.5	45
Tennessee	9.0	8
Texas	8.2	21
Utah	7.0	37
Vermont	7.1	35
Virginia	7.9	27
Washington	6.4	46
West Virginia	9.1	7
Wisconsin	7.3	34
Wyoming	9.2	6
United States	8.0	

Sources: National Center for Health Statistics NatLBW%  
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, 2014

State	Cesarean Deliveries		Single Mothers	
	Rate	Rank	Rate	Rank
Alabama	35.4	5	43.3	16
Alaska	23.7	50	35.6	38
Arizona	27.8	37	45.1	11
Arkansas	32.0	21	43.9	14
California	32.7	20	38.8	30
Colorado	25.6	45	22.4	50
Connecticut	34.2	12	37.1	33
Delaware	31.5	23	46.6	7
District of Columbia	32.8	18	50.2	4
Florida	37.2	4	47.9	5
Georgia	33.8	14	45.4	9
Hawaii	24.6	47	37.1	33
Idaho	24.2	48	27.8	49
Illinois	31.2	25	40.1	26
Indiana	30.3	30	43.3	16
Iowa	30.0	32	35.1	40
Kansas	29.8	34	36.5	36
Kentucky	35.1	7	41.9	19
Louisiana	38.3	1	52.7	2
Maine	29.8	34	41.2	22
Maryland	34.9	8	39.7	27
Massachusetts	31.6	22	33.2	43
Michigan	32.8	18	41.8	20
Minnesota	26.5	42	32.3	47
Mississippi	37.7	2	54.0	1
Missouri	30.1	31	40.2	25
Montana	31.4	24	36.9	35
Nebraska	30.8	26	33.0	45
Nevada	34.4	10	45.8	8
New Hampshire	29.9	33	33.7	42
New Jersey	37.4	3	35.5	39
New Mexico	23.8	49	51.3	3
New York	33.9	13	39.6	28
North Carolina	29.5	36	41.0	23
North Dakota	27.6	39	32.4	46
Ohio	30.5	28	43.5	15
Oklahoma	33.1	16	42.2	18
Oregon	27.4	41	36.1	37
Pennsylvania	30.4	29	41.0	23
Rhode Island	30.7	27	45.4	9
South Carolina	34.3	11	47.3	6
South Dakota	24.8	46	37.7	32
Tennessee	33.7	15	44.0	13
Texas	34.9	8	41.7	21
Utah	22.3	51	18.6	51
Vermont	25.8	44	39.5	29
Virginia	33.1	16	33.9	41
Washington	27.6	39	32.1	48
West Virginia	35.4	5	44.9	12
Wisconsin	26.1	43	37.8	31
Wyoming	27.8	37	33.2	43
United States	32.2		0.0	

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

CSState



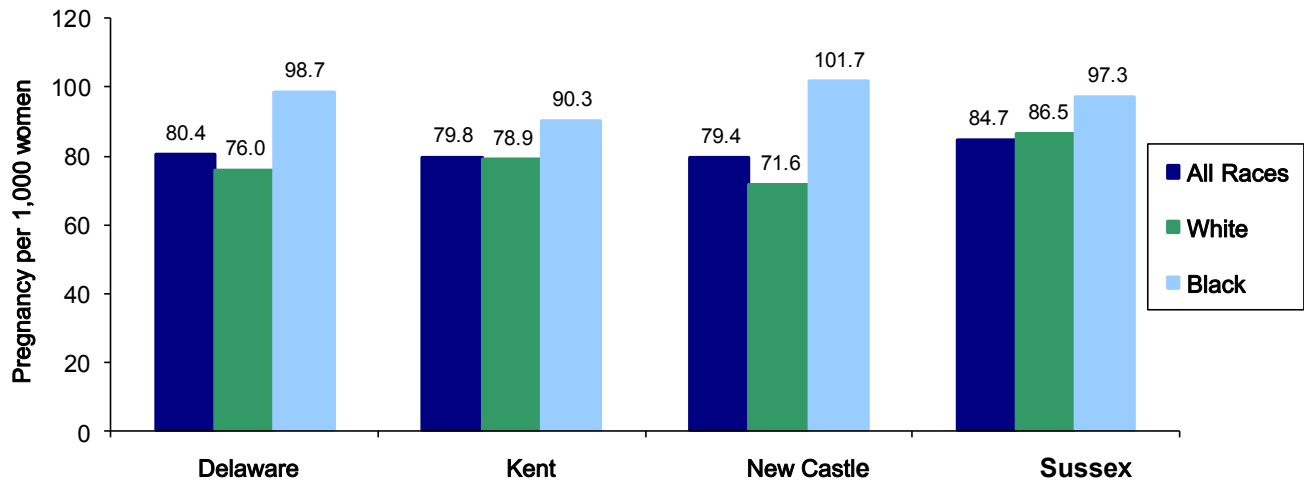
# Reported Pregnancies

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## REPORTED PREGNANCIES

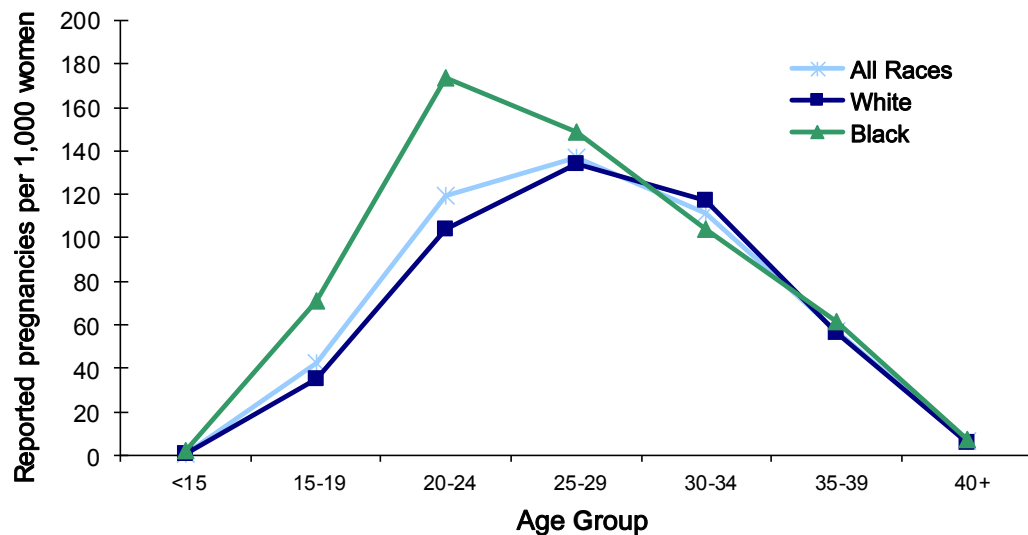
At 80 reported pregnancies per 1,000 women ages 15-44, the 2010-2014 rate of reported pregnancies remained stable. Although pregnancy rates of black mothers were significantly higher than those of white mothers in every county, the largest difference between the pregnancy rate of white (71.6 percent) and black (101.7 percent) mothers occurred in New Castle County.

**Five-year Average Rate of Reported Pregnancies by Race  
Delaware and Counties, 2010-2014**



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

**Five-year Average Rate of Reported Pregnancies  
by Age and Race, Delaware, 2010-2014**



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

For women of all races, the 25-29 year age group had the highest pregnancy rate, at 137 pregnancies per 1,000 women in 2010-2014.

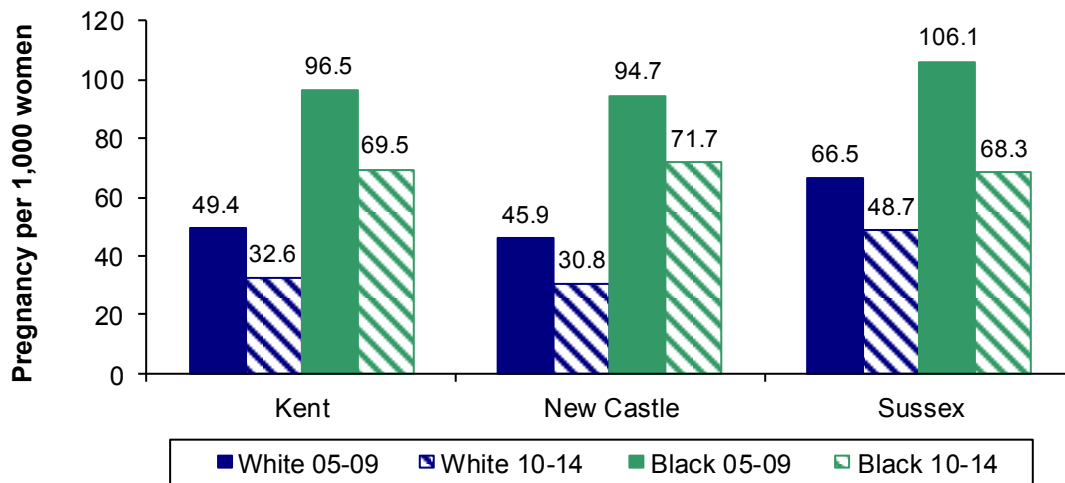
Black women had higher pregnancy rates than white women in all age groups except the 30-34 age group.



## REPORTED PREGNANCIES

In Kent and New Castle counties, the teen (15-19) pregnancy rates for all races declined between 2005-2009 and 2010-2014. Although all three counties had a significant decline in the black teen pregnancy rate, Sussex County's black teen pregnancy rate showed the greatest decline from 106.1 in 2005-2009 to 68.3 in 2010-2014. White teens in New Castle County had the lowest reported pregnancy rate at 30.8 pregnancies per 1,000 women in 2010-2014.

**Five-year Average Teenage (15-19) Pregnancy Rates by County and Race, Delaware, 2005-2009 and 2010-2014**



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

- ▶ The five-year average (2010-2014) pregnancy rate for younger teens aged 15-17 was lowest in Kent County, with 19.6 pregnancies per 1,000 females, followed by New Castle County with a rate of 22.1, and Sussex County with a rate of 23.8 (see Table D-8). The rates decreased in all three counties between 2009-2013 to 2010-2014.
- ▶ The five-year average (2010-2014) pregnancy rate for older teens aged 18-19 was lowest in New Castle County (68.2 pregnancies per 1,000 females), and highest in Sussex County (86.1). See Table D-8.
- ▶ In 2014, there were 2,937 abortions performed in Delaware: 2,468 to Delaware residents and 469 to non-residents.
  - One half of all pregnancies to females under 15 ended in termination.
    - ⇒ 75 percent of pregnancies to white females under 15, and 41.7 percent of pregnancies to black females under 15, ended in terminations.
  - Married women undergo significantly fewer terminations than their single counterparts.
    - 3.2 percent of pregnancies to white married women ended in termination and 8.7 percent of pregnancies to black married women ended in termination.

When the women were unmarried, these numbers increased to 26 percent among white women and 34.1 percent among black women.
- There were 59 fetal deaths of Delaware residents in 2014.
- There were 10,934 live births to Delaware residents in 2014.

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TABLE D-1  
NUMBER AND PERCENT OF REPORTED PREGNANCIES BY AGE OF WOMAN  
DELAWARE AND COUNTIES, 2014

Area/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	13461	100.0	10934	81.2	59	0.4	2468	18.3
<15	18	100.0	9	50.0	0	0.0	9	50.0
15-19	926	100.0	612	66.1	7	0.8	307	33.2
15-17	273	100.0	168	61.5	3	1.1	102	37.4
18-19	653	100.0	444	68.0	4	0.6	205	31.4
20-24	3156	100.0	2298	72.8	18	0.6	840	26.6
25-29	3924	100.0	3297	84.0	15	0.4	612	15.6
30-34	3508	100.0	3085	87.9	12	0.3	411	11.7
35-39	1525	100.0	1305	85.6	6	0.4	214	14.0
40+	404	100.0	328	81.2	1	0.2	75	18.6
Unknown	0	...	0	...	0	...	0	...
<b>Kent</b>	2683	100.0	2266	84.5	6	0.2	411	15.3
<15	3	100.0	2	66.7	0	0.0	1	33.3
15-19	169	100.0	127	75.1	2	1.2	40	23.7
15-17	44	100.0	29	65.9	0	0.0	15	34.1
18-19	125	100.0	98	78.4	2	1.6	25	20.0
20-24	754	100.0	608	80.6	2	0.3	144	19.1
25-29	844	100.0	726	86.0	1	0.1	117	13.9
30-34	631	100.0	554	87.8	1	0.2	76	12.0
35-39	231	100.0	207	89.6	0	0.0	24	10.4
40+	51	100.0	42	82.4	0	0.0	9	17.6
Unknown	0	...	0	...	0	...	0	...
<b>New Castle</b>	8153	100.0	6450	79.1	36	0.4	1667	20.4
<15	11	100.0	5	45.5	0	0.0	6	54.5
15-19	540	100.0	318	58.9	3	0.6	219	40.6
15-17	172	100.0	93	54.1	2	1.2	77	44.8
18-19	368	100.0	225	61.1	1	0.3	142	38.6
20-24	1729	100.0	1157	66.9	10	0.6	562	32.5
25-29	2285	100.0	1887	82.6	11	0.5	387	16.9
30-34	2273	100.0	1987	87.4	9	0.4	277	12.2
35-39	1026	100.0	868	84.6	3	0.3	155	15.1
40+	289	100.0	228	78.9	0	0.0	61	21.1
Unknown	0	...	0	...	0	...	0	...
<b>Sussex</b>	2625	100.0	2218	84.5	17	0.6	390	14.9
<15	4	100.0	2	50.0	0	0.0	2	50.0
15-19	217	100.0	167	77.0	2	0.9	48	22.1
15-17	57	100.0	46	80.7	1	1.8	10	17.5
18-19	160	100.0	121	75.6	1	0.6	38	23.8
20-24	673	100.0	533	79.2	6	0.9	134	19.9
25-29	795	100.0	684	86.0	3	0.4	108	13.6
30-34	604	100.0	544	90.1	2	0.3	58	9.6
35-39	268	100.0	230	85.8	3	1.1	35	13.1
40+	64	100.0	58	90.6	1	1.6	5	7.8
Unknown	0	...	0	...	0	...	0	...

PRAGECTY

**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, 2014

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>	13461	100.0	10934	81.2	59	0.4	2468	18.3
<15	18	100.0	9	50.0	0	0.0	9	50.0
15-19	926	100.0	612	66.1	7	0.8	307	33.2
15-17	273	100.0	168	61.5	3	1.1	102	37.4
18-19	653	100.0	444	68.0	4	0.6	205	31.4
20-24	3156	100.0	2298	72.8	18	0.6	840	26.6
25-29	3924	100.0	3297	84.0	15	0.4	612	15.6
30-34	3508	100.0	3085	87.9	12	0.3	411	11.7
35-39	1525	100.0	1305	85.6	6	0.4	214	14.0
40+	404	100.0	328	81.2	1	0.2	75	18.6
Unknown	0	...	0	...	0	...	0	...
<b>White</b>	8391	100.0	7194	85.7	29	0.3	1168	13.9
<15	4	100.0	1	25.0	0	0.0	3	75.0
15-19	478	100.0	353	73.8	2	0.4	123	25.7
15-17	129	100.0	85	65.9	1	0.8	43	33.3
18-19	349	100.0	268	76.8	1	0.3	80	22.9
20-24	1790	100.0	1413	78.9	8	0.4	369	20.6
25-29	2523	100.0	2199	87.2	8	0.3	316	12.5
30-34	2349	100.0	2137	91.0	7	0.3	205	8.7
35-39	989	100.0	876	88.6	3	0.3	110	11.1
40+	258	100.0	215	83.3	1	0.4	42	16.3
Unknown	0	...	0	...	0	...	0	...
<b>Black</b>	4106	100.0	2920	71.1	30	0.7	1156	28.2
<15	12	100.0	7	58.3	0	0.0	5	41.7
15-19	411	100.0	237	57.7	5	1.2	169	41.1
15-17	135	100.0	77	57.0	2	1.5	56	41.5
18-19	276	100.0	160	58.0	3	1.1	113	40.9
20-24	1231	100.0	797	64.7	10	0.8	424	34.4
25-29	1111	100.0	840	75.6	7	0.6	264	23.8
30-34	837	100.0	655	78.3	5	0.6	177	21.1
35-39	397	100.0	307	77.3	3	0.8	87	21.9
40+	107	100.0	77	72.0	0	0.0	30	28.0
Unknown	0	...	0	...	0	...	0	...
<b>Other</b>	927	100.0	783	84.5	0	0.0	144	15.5
<15	2	100.0	1	50.0	0	0.0	1	50.0
15-19	35	100.0	20	57.1	0	0.0	15	42.9
15-17	8	100.0	5	62.5	0	0.0	3	37.5
18-19	27	100.0	15	55.6	0	0.0	12	44.4
20-24	127	100.0	80	63.0	0	0.0	47	37.0
25-29	277	100.0	245	88.4	0	0.0	32	11.6
30-34	315	100.0	286	90.8	0	0.0	29	9.2
35-39	136	100.0	119	87.5	0	0.0	17	12.5
40+	35	100.0	32	91.4	0	0.0	3	8.6
Unknown	0	...	0	...	0	...	0	...
<b>Hispanic*</b>	1876	100.0	1573	83.8	6	0.3	297	15.8
<15	0	...	0	...	0	...	0	...
15-19	176	100.0	134	76.1	0	0.0	42	23.9
15-17	58	100.0	40	69.0	0	0.0	18	31.0
18-19	118	100.0	94	79.7	0	0.0	24	20.3
20-24	511	100.0	422	82.6	0	0.0	89	17.4
25-29	505	100.0	432	85.5	1	0.2	72	14.3
30-34	400	100.0	346	86.5	2	0.5	52	13.0
35-39	216	100.0	179	82.9	2	0.9	35	16.2
40+	68	100.0	60	88.2	1	1.5	7	10.3
Unknown	0	...	0	...	0	...	0	...

**Notes:**

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

PRACEAGE

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, 2014

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>	13461	100.0	10934	81.2	59	0.4	2468	18.3
<9	643	100.0	573	89.1	4	0.6	66	10.3
9 to 11	1637	100.0	1326	81.0	11	0.7	300	18.3
H.S. Grad	3779	100.0	2603	68.9	22	0.6	1154	30.5
1 to 3 College	3585	100.0	3012	84.0	17	0.5	556	15.5
4+ College	3634	100.0	3357	92.4	5	0.1	272	7.5
Unknown	183	100.0	63	34.4	0	0.0	120	65.6
<b>White</b>	8391	100.0	7194	85.7	29	0.3	1168	13.9
<9	577	100.0	526	91.2	4	0.7	47	8.1
9 to 11	985	100.0	830	84.3	4	0.4	151	15.3
H.S. Grad	2025	100.0	1490	73.6	12	0.6	523	25.8
1 to 3 College	2280	100.0	2002	87.8	6	0.3	272	11.9
4+ College	2443	100.0	2313	94.7	3	0.1	127	5.2
Unknown	81	100.0	33	40.7	0	0.0	48	59.3
<b>Black</b>	4106	100.0	2920	71.1	30	0.7	1156	28.2
<9	46	100.0	31	67.4	0	0.0	15	32.6
9 to 11	596	100.0	450	75.5	7	1.2	139	23.3
H.S. Grad	1593	100.0	1006	63.2	10	0.6	577	36.2
1 to 3 College	1151	100.0	890	77.3	11	1.0	250	21.7
4+ College	648	100.0	528	81.5	2	0.3	118	18.2
Unknown	72	100.0	15	20.8	0	0.0	57	79.2
<b>Other</b>	927	100.0	783	84.5	0	0.0	144	15.5
<9	20	100.0	16	80.0	0	0.0	4	20.0
9 to 11	56	100.0	46	82.1	0	0.0	10	17.9
H.S. Grad	150	100.0	96	64.0	0	0.0	54	36.0
1 to 3 College	149	100.0	115	77.2	0	0.0	34	22.8
4+ College	534	100.0	507	94.9	0	0.0	27	5.1
Unknown	18	100.0	3	16.7	0	0.0	15	83.3
<b>Hispanic*</b>	1876	100.0	1573	83.8	6	0.3	297	15.8
<9	437	100.0	386	88.3	4	0.9	47	10.8
9 to 11	412	100.0	335	81.3	0	0.0	77	18.7
H.S. Grad	511	100.0	401	78.5	2	0.4	108	21.1
1 to 3 College	343	100.0	297	86.6	0	0.0	46	13.4
4+ College	154	100.0	139	90.3	0	0.0	15	9.7
Unknown	19	100.0	15	78.9	0	0.0	4	21.1

PEDURACE

**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  
DELAWARE AND COUNTIES, 2014

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	13461	100.0	10934	81.2	59	0.4	2468	18.3
Married	6150	100.0	5860	95.3	19	0.3	271	4.4
Single	7311	100.0	5074	69.4	40	0.5	2197	30.1
White	8391	100.0	7194	85.7	29	0.3	1168	13.9
Married	4450	100.0	4294	96.5	12	0.3	144	3.2
Single	3941	100.0	2900	73.6	17	0.4	1024	26.0
Black	4106	100.0	2920	71.1	30	0.7	1156	28.2
Married	965	100.0	874	90.6	7	0.7	84	8.7
Single	3141	100.0	2046	65.1	23	0.7	1072	34.1
Other	927	100.0	783	84.5	0	0.0	144	15.5
Married	710	100.0	667	93.9	0	0.0	43	6.1
Single	217	100.0	116	53.5	0	0.0	101	46.5
<b>Kent</b>								
All Races	2683	100.0	2266	84.5	6	0.2	411	15.3
Married	1292	100.0	1241	96.1	3	0.2	48	3.7
Single	1391	100.0	1025	73.7	3	0.2	363	26.1
White	1711	100.0	1520	88.8	2	0.1	189	11.0
Married	991	100.0	956	96.5	2	0.2	33	3.3
Single	720	100.0	564	78.3	0	0.0	156	21.7
Black	848	100.0	647	76.3	4	0.5	197	23.2
Married	230	100.0	216	93.9	1	0.4	13	5.7
Single	618	100.0	431	69.7	3	0.5	184	29.8
Other	116	100.0	91	78.4	0	0.0	25	21.6
Married	66	100.0	64	97.0	0	0.0	2	3.0
Single	50	100.0	27	54.0	0	0.0	23	46.0
<b>New Castle</b>								
All Races	8153	100.0	6450	79.1	36	0.4	1667	20.4
Married	3808	100.0	3610	94.8	12	0.3	186	4.9
Single	4345	100.0	2840	65.4	24	0.6	1481	34.1
White	4673	100.0	3934	84.2	16	0.3	723	15.5
Married	2553	100.0	2459	96.3	7	0.3	87	3.4
Single	2120	100.0	1475	69.6	9	0.4	636	30.0
Black	2721	100.0	1862	68.4	20	0.7	839	30.8
Married	626	100.0	563	89.9	5	0.8	58	9.3
Single	2095	100.0	1299	62.0	15	0.7	781	37.3
Other	733	100.0	628	85.7	0	0.0	105	14.3
Married	611	100.0	570	93.3	0	0.0	41	6.7
Single	122	100.0	58	47.5	0	0.0	64	52.5
<b>Sussex</b>								
All Races	2625	100.0	2218	84.5	17	0.6	390	14.9
Married	1050	100.0	1009	96.1	4	0.4	37	3.5
Single	1575	100.0	1209	76.8	13	0.8	353	22.4
White	2007	100.0	1740	86.7	11	0.5	256	12.8
Married	906	100.0	879	97.0	3	0.3	24	2.6
Single	1101	100.0	861	78.2	8	0.7	232	21.1
Black	537	100.0	411	76.5	6	1.1	120	22.3
Married	109	100.0	95	87.2	1	0.9	13	11.9
Single	428	100.0	316	73.8	5	1.2	107	25.0
Other	78	100.0	64	82.1	0	0.0	14	17.9
Married	33	100.0	33	100.0	0	0.0	0	0.0
Single	45	100.0	31	68.9	0	0.0	14	31.1

PRMARIT

**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

DELAWARE AND COUNTIES, 2004-2014

(ALL RACES)

Area/ Age	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Delaware</b>	14671	14699	15498	15691	15400	14971	14906	14437	14267	13421	13461
<15	39	37	54	37	47	33	34	32	28	18	18
15-19	1831	1786	1879	1900	1846	1574	1574	1378	1172	1067	926
15-17	660	598	626	640	607	488	504	427	348	304	273
18-19	1171	1188	1253	1260	1239	1086	1070	951	824	763	653
20-24	4022	4029	4275	4337	4141	4028	3908	3702	3703	3290	3156
25-29	3704	3802	4100	4172	4327	4172	4187	4118	3990	3797	3924
30-34	3131	3110	3169	3236	3035	3134	3211	3279	3427	3424	3508
35-39	1568	1579	1662	1616	1647	1558	1581	1536	1564	1451	1525
40+	376	356	359	393	357	472	411	392	383	374	404
<b>Kent</b>	2496	2793	2822	2877	2925	2901	2815	2689	2752	2672	2683
<15	10	7	5	5	5	5	4	3	2	2	3
15-19	337	354	347	378	356	291	304	267	235	201	169
15-17	111	101	92	108	111	86	98	73	60	53	44
18-19	226	253	255	270	245	205	206	194	175	148	125
20-24	862	933	900	915	899	971	852	773	808	778	754
25-29	624	746	765	837	823	825	827	831	783	785	844
30-34	418	478	511	474	511	528	529	551	597	611	631
35-39	195	219	240	211	277	203	227	217	262	228	231
40+	50	56	54	57	54	78	72	47	65	67	51
<b>New Castle</b>	9500	9288	9812	9773	9382	9233	9360	9143	8781	8225	8153
<15	21	24	40	21	33	21	24	21	22	14	11
15-19	1131	1043	1136	1114	1061	945	971	846	682	626	540
15-17	411	378	423	407	362	290	314	272	215	187	172
18-19	720	665	713	707	699	655	657	574	467	439	368
20-24	2281	2273	2464	2405	2251	2209	2254	2147	2082	1861	1729
25-29	2379	2398	2557	2535	2639	2543	2573	2527	2445	2251	2285
30-34	2252	2161	2178	2259	2058	2103	2150	2244	2275	2236	2273
35-39	1163	1155	1183	1150	1092	1090	1107	1075	1033	987	1026
40+	273	234	254	289	248	322	281	283	242	250	289
<b>Sussex</b>	2675	2618	2864	3041	3093	2837	2731	2605	2734	2524	2625
<15	8	6	9	11	9	7	6	8	4	2	4
15-19	363	389	396	408	429	338	299	265	255	240	217
15-17	138	119	111	125	134	112	92	82	73	64	57
18-19	225	270	285	283	295	226	207	183	182	176	160
20-24	879	823	911	1017	991	848	802	782	813	651	673
25-29	701	658	778	800	865	804	787	760	762	761	795
30-34	461	471	480	503	466	503	532	484	555	577	604
35-39	210	205	239	255	278	265	247	244	269	236	268
40+	53	66	51	47	55	72	58	62	76	57	64

PRACERAT1

**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  
DELAWARE AND COUNTIES, 2004-2014  
(WHITE)

Area/ Age	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Delaware</b>	9711	9774	10080	9986	9866	9342	9244	9092	8899	8299	8391
<15	17	18	20	13	20	15	9	8	11	7	4
15-19	1009	1011	1041	1020	1018	829	808	740	630	524	478
15-17	342	328	322	312	326	250	261	230	168	155	129
18-19	667	683	719	708	692	579	547	510	462	369	349
20-24	2465	2532	2572	2589	2458	2359	2222	2105	2092	1834	1790
25-29	2494	2557	2773	2741	2816	2688	2712	2689	2531	2413	2523
30-34	2310	2243	2261	2237	2153	2118	2170	2279	2358	2320	2349
35-39	1143	1152	1170	1129	1169	1035	1047	1013	1031	956	989
40+	273	261	243	257	232	298	276	258	246	245	258
<b>Kent</b>	1683	1877	1879	1883	1887	1842	1779	1750	1775	1676	1711
<15	6	2	3	2	2	4	1	1	2	1	1
15-19	186	200	187	224	194	148	155	150	113	90	90
15-17	58	57	43	55	53	41	50	42	28	23	19
18-19	128	143	144	169	141	107	105	108	85	67	71
20-24	555	604	565	548	540	593	509	450	476	450	440
25-29	428	513	544	587	556	555	566	593	532	526	580
30-34	328	356	366	329	367	353	357	399	432	420	432
35-39	141	164	175	153	192	142	150	130	177	146	137
40+	39	38	39	40	36	47	41	27	43	43	31
<b>New Castle</b>	5978	5890	6070	5947	5543	5330	5363	5337	5001	4702	4673
<15	10	12	13	7	12	9	7	4	6	5	2
15-19	573	549	595	570	514	457	439	403	328	273	234
15-17	193	187	208	197	182	130	148	135	92	90	72
18-19	380	362	387	373	332	327	291	268	236	183	162
20-24	1271	1350	1360	1347	1189	1145	1154	1109	1010	931	892
25-29	1508	1513	1641	1555	1564	1504	1517	1488	1390	1288	1313
30-34	1591	1481	1494	1509	1380	1342	1357	1478	1477	1415	1424
35-39	831	815	802	778	733	681	700	673	638	640	633
40+	194	170	165	181	151	192	189	182	152	150	175
<b>Sussex</b>	2050	2007	2131	2156	2436	2170	2102	2005	2123	1921	2007
<15	1	4	4	4	6	2	1	3	3	1	1
15-19	250	262	259	226	310	224	214	187	189	161	154
15-17	91	84	71	60	91	79	63	53	48	42	38
18-19	159	178	188	166	219	145	151	134	141	119	116
20-24	639	578	647	694	729	621	559	546	606	453	458
25-29	558	531	588	599	696	629	629	608	609	599	630
30-34	391	406	401	399	406	423	456	402	449	485	493
35-39	171	173	193	198	244	212	197	210	216	170	219
40+	40	53	39	36	45	59	46	49	51	52	52

PRACERAT2

**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

DELAWARE AND COUNTIES, 2004-2014

(BLACK)

Area/ Age	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Delaware</b>	4233	4187	4522	4738	4727	4802	4858	4622	4550	4317	4106
<15	22	18	32	22	27	18	24	24	17	9	12
15-19	783	741	786	805	790	718	734	616	512	509	411
15-17	308	262	286	309	272	232	234	193	175	140	135
18-19	475	479	500	496	518	486	500	423	337	369	276
20-24	1428	1372	1525	1564	1542	1532	1580	1515	1508	1344	1231
25-29	975	1020	1044	1132	1229	1237	1213	1182	1199	1130	1111
30-34	608	632	677	722	670	758	775	769	818	835	837
35-39	333	325	371	385	361	409	417	404	392	387	397
40+	84	79	87	108	108	130	115	112	104	103	107
<b>Kent</b>	703	785	840	913	947	947	932	863	873	884	848
<15	4	5	2	3	3	1	3	2	0	0	1
15-19	141	135	154	145	152	133	145	112	119	99	68
15-17	50	42	48	51	54	42	47	30	32	26	20
18-19	91	93	106	94	98	91	98	82	87	73	48
20-24	280	299	313	345	333	345	321	302	305	303	285
25-29	165	197	186	229	244	246	222	220	224	231	237
30-34	61	93	119	123	130	143	145	130	140	159	165
35-39	42	42	54	52	69	55	65	80	72	71	74
40+	10	14	12	16	16	24	31	17	13	21	18
<b>New Castle</b>	2988	2869	3160	3219	3206	3267	3362	3212	3138	2902	2721
<15	11	12	26	14	21	12	16	17	16	8	8
15-19	534	486	519	524	525	474	507	430	333	336	283
15-17	212	186	203	206	177	158	159	135	119	95	97
18-19	322	300	316	318	348	316	348	295	214	241	186
20-24	934	850	1019	991	971	980	1029	991	1008	858	756
25-29	687	717	733	774	846	845	854	827	841	758	733
30-34	495	491	510	539	490	552	569	569	588	599	579
35-39	263	259	286	295	270	310	312	295	282	263	281
40+	64	54	67	82	83	94	75	83	70	80	81
<b>Sussex</b>	542	533	522	606	574	588	564	547	539	531	537
<15	7	1	4	5	3	5	5	5	1	1	3
15-19	108	120	113	136	113	111	82	74	60	74	60
15-17	46	34	35	52	41	32	28	28	24	19	18
18-19	62	86	78	84	72	79	54	46	36	55	42
20-24	214	223	193	228	238	207	230	222	195	183	190
25-29	123	106	125	129	139	146	137	135	134	141	141
30-34	52	48	48	60	50	63	61	70	90	77	93
35-39	28	24	31	38	22	44	40	29	38	53	42
40+	10	11	8	10	9	12	9	12	21	2	8

PRACERAT3

**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  
 DELAWARE AND COUNTIES, 2002-2014

(ALL RACES)

Area/ Age	2002- 2006	2003- 2007	2004- 2008	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2009- 2014
<b>Delaware</b>	84.3	85.5	86.2	86.4	86.6	85.5	84.1	82.1	80.4
<15	1.7	1.5	1.5	1.5	1.5	1.3	1.3	1.0	0.9
15-19	67.1	65.7	64.3	61.5	59.6	56.2	51.5	46.7	42.7
15-17	38.1	37.0	35.9	33.6	32.5	30.4	27.4	24.3	21.9
18-19	112.1	110.0	107.9	104.0	100.2	94.0	86.3	78.9	72.6
20-24	139.5	143.9	146.1	146.9	146.3	140.6	134.0	126.4	119.1
25-29	142.4	140.2	139.1	137.8	137.2	137.8	138.8	137.3	136.9
30-34	114.4	117.9	118.8	119.4	120.2	117.3	113.8	112.2	111.5
35-39	50.4	51.9	53.5	54.2	54.8	55.3	56.6	56.5	56.8
40+	5.3	5.4	5.5	5.8	5.9	6.1	6.1	6.3	6.2
<b>Kent</b>	84.6	85.4	85.9	86.9	86.0	84.5	83.3	81.4	79.8
<15	1.5	1.2	1.2	1.0	0.9	0.8	0.7	0.6	0.5
15-19	65.2	64.1	63.3	60.9	58.7	56.0	51.1	45.9	41.8
15-17	32.0	31.3	31.4	29.7	29.3	28.2	25.4	22.1	19.6
18-19	116.1	113.1	110.4	106.3	101.4	96.3	88.3	80.5	74.1
20-24	166.1	166.0	161.7	162.2	156.8	149.6	144.2	139.6	132.6
25-29	143.9	144.1	143.1	142.6	139.5	139.2	136.8	135.1	135.2
30-34	95.8	98.6	100.6	103.3	103.9	101.1	100.5	99.5	99.1
35-39	40.5	41.0	44.1	44.2	44.4	43.7	46.1	44.6	45.5
40+	4.7	4.7	4.6	5.0	5.2	5.1	5.3	5.5	5.2
<b>New Castle</b>	83.4	84.2	84.3	84.1	84.5	83.8	82.6	81.0	79.4
<15	1.7	1.6	1.6	1.6	1.6	1.4	1.4	1.2	1.1
15-19	66.1	63.8	61.0	57.8	56.5	53.3	49.0	45.0	41.1
15-17	39.6	38.0	36.0	33.3	32.2	29.8	26.8	24.0	22.1
18-19	107.5	104.5	100.6	96.0	93.2	87.7	81.0	74.8	68.2
20-24	121.9	127.3	130.7	133.1	134.9	130.2	123.7	116.9	109.6
25-29	136.3	131.8	129.2	127.9	128.1	130.8	135.2	135.9	136.5
30-34	121.5	125.5	126.6	126.1	126.2	122.8	117.6	115.0	114.3
35-39	55.9	57.4	58.1	58.4	58.7	59.6	60.4	61.0	61.0
40+	5.8	6.1	6.2	6.4	6.7	6.9	6.7	6.8	6.8
<b>Sussex</b>	87.6	90.5	93.9	94.5	94.8	92.9	90.6	86.6	84.7
<15	1.8	1.6	1.7	1.7	1.7	1.6	1.3	1.0	0.9
15-19	72.6	73.8	76.7	75.1	71.7	66.7	60.8	53.5	49.1
15-17	39.4	39.7	40.7	38.7	36.8	34.9	31.8	27.3	23.8
18-19	122.6	125.1	129.9	128.6	123.5	114.2	103.0	91.4	86.1
20-24	183.0	182.5	183.5	176.3	171.5	164.3	156.5	143.6	136.1
25-29	167.9	173.7	179.6	175.9	173.8	164.1	154.2	144.5	140.0
30-34	105.2	108.4	107.8	111.0	114.9	114.2	114.5	116.1	115.5
35-39	39.6	41.6	45.6	48.4	50.5	51.7	53.5	52.7	53.7
40+	4.3	4.1	4.1	4.4	4.3	4.5	5.0	5.2	5.1

PRACERAT4

**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

DELAWARE AND COUNTIES, 2002-2014

(WHITE)

Area/ Age	2002- 2006	2003- 2007	2004- 2008	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2009- 2014
<b>Delaware</b>	78.4	79.7	81.0	81.1	80.9	80.1	79.0	77.1	76.0
<15	1.0	0.9	0.9	0.9	0.9	0.7	0.7	0.6	0.4
15-19	54.2	53.4	52.9	50.7	48.7	45.9	42.4	37.9	34.8
15-17	29.1	28.4	28.0	26.3	25.4	24.1	22.0	19.4	17.6
18-19	92.9	91.8	90.9	87.6	83.5	77.8	71.7	64.2	59.3
20-24	121.1	126.2	130.1	131.3	129.5	124.3	118.1	110.8	104.3
25-29	137.8	134.9	134.2	132.7	132.0	132.9	134.4	133.5	134.1
30-34	119.3	122.4	123.9	123.7	123.9	120.7	117.1	114.4	113.7
35-39	51.3	52.7	54.8	54.9	54.8	55.1	56.3	55.8	56.2
40+	5.1	5.1	5.1	5.3	5.4	5.5	5.6	5.8	5.8
<b>Kent</b>	81.9	82.9	83.7	84.7	83.5	82.5	81.8	80.1	78.9
<15	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.3
15-19	52.3	52.2	51.5	49.4	47.2	45.7	40.3	35.4	32.6
15-17	25.3	24.1	23.2	21.8	21.3	21.4	19.2	16.8	15.0
18-19	93.3	93.9	92.9	89.4	84.7	80.8	70.8	61.9	57.7
20-24	166.8	159.9	151.4	148.3	140.1	132.3	128.1	123.8	117.1
25-29	156.2	162.7	165.2	166.1	163.3	159.9	151.5	145.1	142.6
30-34	102.4	104.9	108.4	111.4	112.6	114.1	118.6	119.0	119.7
35-39	41.2	41.9	44.7	45.1	44.6	43.0	45.7	44.3	45.0
40+	4.5	4.5	4.4	4.6	4.7	4.4	4.6	4.8	4.5
<b>New Castle</b>	75.8	76.8	76.9	76.5	76.1	75.3	73.9	72.6	71.6
<15	1.0	0.9	1.0	1.0	0.9	0.7	0.7	0.6	0.4
15-19	51.7	50.5	48.3	45.9	44.0	41.0	37.5	34.0	30.8
15-17	28.6	28.2	27.3	25.4	24.6	22.9	20.4	18.2	16.9
18-19	87.8	85.5	81.2	77.8	73.5	67.6	62.0	56.5	50.4
20-24	96.9	104.4	109.3	112.9	113.4	109.5	101.9	95.9	90.3
25-29	125.0	118.3	114.1	112.1	111.6	114.4	119.8	122.9	125.6
30-34	126.0	129.5	130.4	128.0	126.2	120.6	113.4	108.9	108.0
35-39	57.4	59.0	60.0	59.4	58.9	59.3	59.5	59.9	59.7
40+	5.6	5.7	5.8	5.8	6.1	6.3	6.3	6.4	6.5
<b>Sussex</b>	84.3	86.3	91.8	92.5	93.3	92.4	92.3	88.0	86.5
<15	1.1	1.0	1.0	1.1	0.9	0.9	0.8	0.5	0.5
15-19	63.6	63.3	68.2	66.5	64.4	60.9	59.3	51.8	48.7
15-17	34.3	33.3	34.8	33.7	31.9	30.4	29.8	25.7	22.2
18-19	107.6	108.1	117.0	114.5	112.4	106.2	102.0	89.4	87.0
20-24	174.2	170.8	175.1	168.0	163.1	156.4	152.4	139.2	130.9
25-29	173.2	178.8	190.2	185.8	183.4	174.3	165.1	153.4	148.8
30-34	111.8	114.5	116.7	121.2	126.7	127.2	129.1	130.8	129.6
35-39	40.3	42.1	47.1	49.7	51.3	53.5	56.2	53.9	55.9
40+	4.0	3.9	3.9	4.2	4.1	4.4	4.7	5.0	5.0

PRACERAT5

**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

DELAWARE AND COUNTIES, 2002-2014

(BLACK)

Area/ Age	2002- 2006	2003- 2007	2004- 2008	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2009- 2014
<b>Delaware</b>	103.1	104.1	104.3	105.1	106.7	106.1	104.5	102.2	98.7
<15	3.5	3.3	3.2	3.1	3.3	3.0	2.9	2.4	2.2
15-19	108.1	103.9	101.1	96.6	94.9	90.4	83.7	77.6	70.8
15-17	66.6	63.7	60.9	56.5	55.1	51.5	46.7	41.7	37.9
18-19	173.3	167.3	164.0	158.4	154.6	147.2	136.7	128.5	118.0
20-24	201.3	202.9	201.9	201.6	204.6	199.2	192.6	184.1	173.9
25-29	155.8	153.4	152.2	151.6	151.1	152.6	154.4	152.1	148.8
30-34	100.8	106.5	107.4	110.6	113.2	110.4	107.1	106.2	104.2
35-39	46.0	48.5	50.0	52.7	56.0	58.4	60.0	61.7	61.2
40+	5.6	6.0	6.4	6.9	7.3	7.6	7.5	7.5	7.2
<b>Kent</b>	97.8	99.2	99.3	101.2	101.5	99.3	96.4	93.6	90.3
<15	3.4	2.6	2.5	2.0	1.6	1.6	1.2	0.8	0.8
15-19	106.4	101.6	100.5	96.5	96.0	89.4	85.2	78.0	69.5
15-17	54.9	55.0	56.7	53.6	53.9	49.3	44.7	38.0	33.0
18-19	186.4	172.1	165.2	158.9	157.0	147.6	143.8	137.4	124.1
20-24	174.6	190.8	197.8	210.2	214.6	209.6	199.6	193.4	185.4
25-29	124.7	116.9	112.1	111.2	107.6	112.5	118.5	124.3	129.5
30-34	82.9	88.6	89.8	94.6	95.6	84.7	75.8	71.9	69.7
35-39	39.4	41.2	45.2	46.4	49.5	52.7	54.7	52.7	52.1
40+	5.2	5.3	5.4	6.4	7.5	7.7	7.5	7.9	7.5
<b>New Castle</b>	106.6	106.8	106.6	106.8	109.0	108.6	107.7	105.5	101.7
<15	3.5	3.5	3.3	3.3	3.5	3.2	3.2	2.7	2.5
15-19	110.7	104.6	100.3	94.7	93.6	89.7	83.6	77.7	71.7
15-17	72.1	66.8	61.8	56.8	55.0	51.2	46.8	42.6	39.1
18-19	172.1	165.6	162.5	154.6	152.0	146.2	136.0	127.1	117.8
20-24	212.6	207.7	202.7	199.3	203.0	195.8	189.9	181.0	168.6
25-29	169.1	168.7	170.2	171.0	172.2	172.8	173.1	167.0	160.2
30-34	109.2	115.4	117.5	120.9	124.5	124.7	123.7	124.6	122.7
35-39	50.1	52.6	53.7	56.2	59.0	61.3	62.8	64.7	64.5
40+	5.8	6.3	6.9	7.3	7.6	7.9	7.6	7.6	7.4
<b>Sussex</b>	92.9	97.9	100.1	101.7	102.7	103.5	101.0	99.4	97.3
<15	3.7	3.4	3.8	3.5	4.4	4.6	3.8	3.4	3.0
15-19	99.0	103.5	105.2	106.1	100.2	94.9	82.3	76.5	68.3
15-17	57.0	60.7	62.2	58.6	57.1	56.1	48.8	42.9	39.0
18-19	163.0	168.2	168.7	175.2	163.5	151.7	130.0	123.3	109.7
20-24	197.2	200.9	204.4	199.3	197.6	200.1	195.2	185.2	183.0
25-29	142.1	146.5	144.9	142.0	142.6	138.6	133.8	131.0	127.3
30-34	74.1	78.7	74.6	77.2	79.4	81.5	84.7	86.5	88.1
35-39	31.2	33.6	34.2	40.1	46.5	48.5	50.3	59.4	58.1
40+	5.0	4.9	5.0	5.2	5.0	5.6	6.9	6.4	6.1

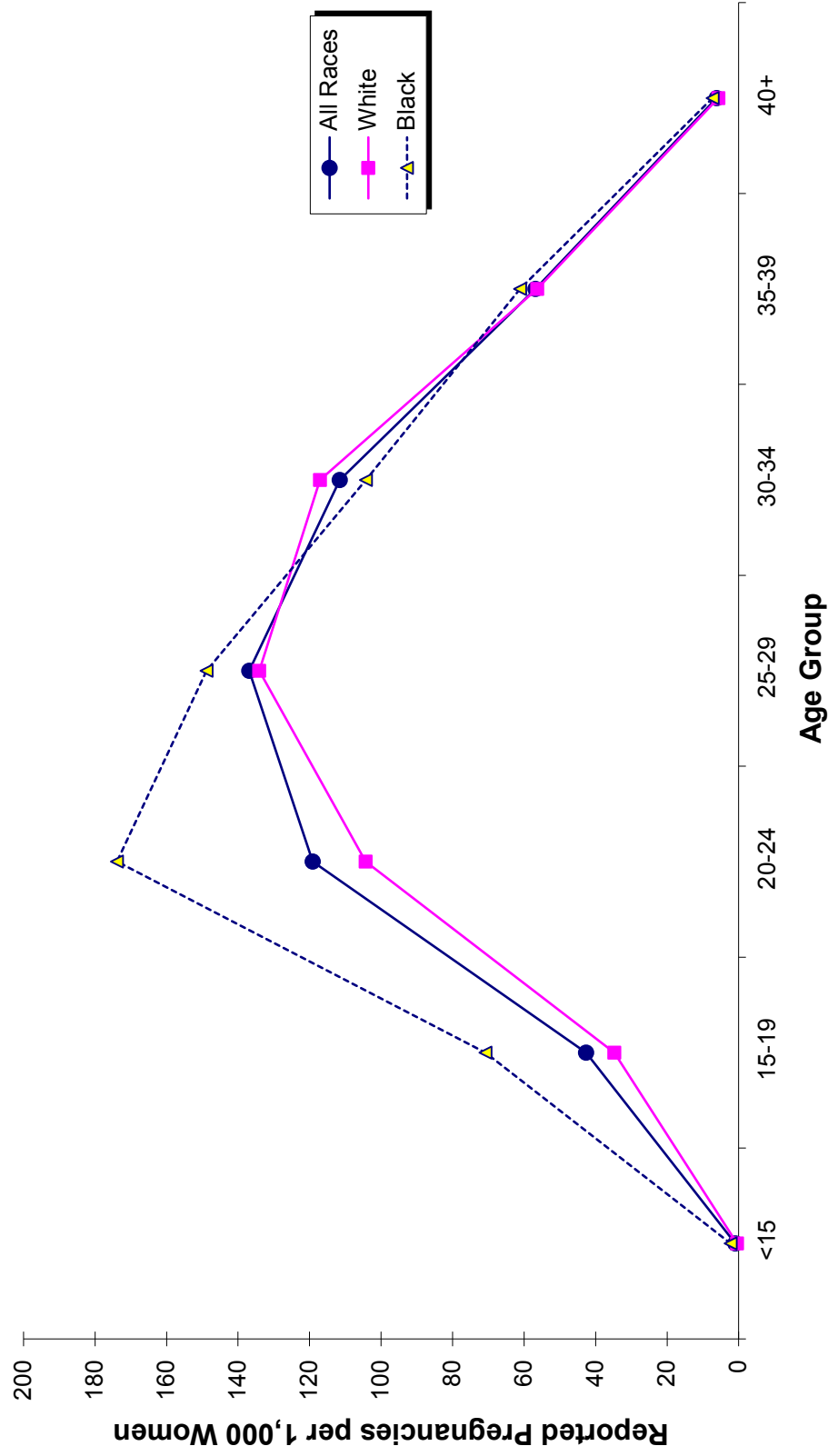
PRACERAT6

**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.

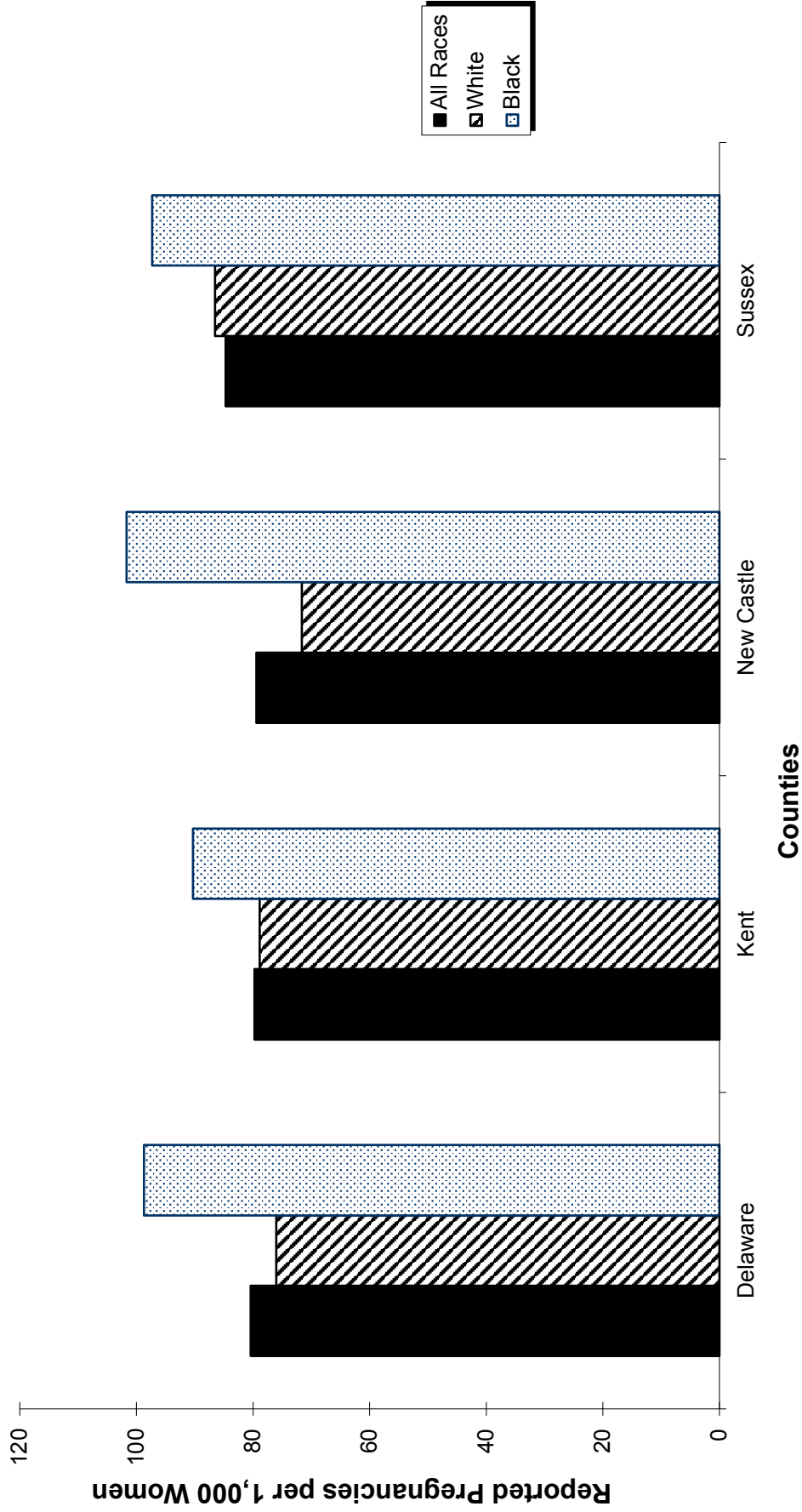
**Source:** Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure D-1**  
**Five-year Average Rate of Reported Pregnancies by Age and Race**  
**Delaware, 2009-2014**



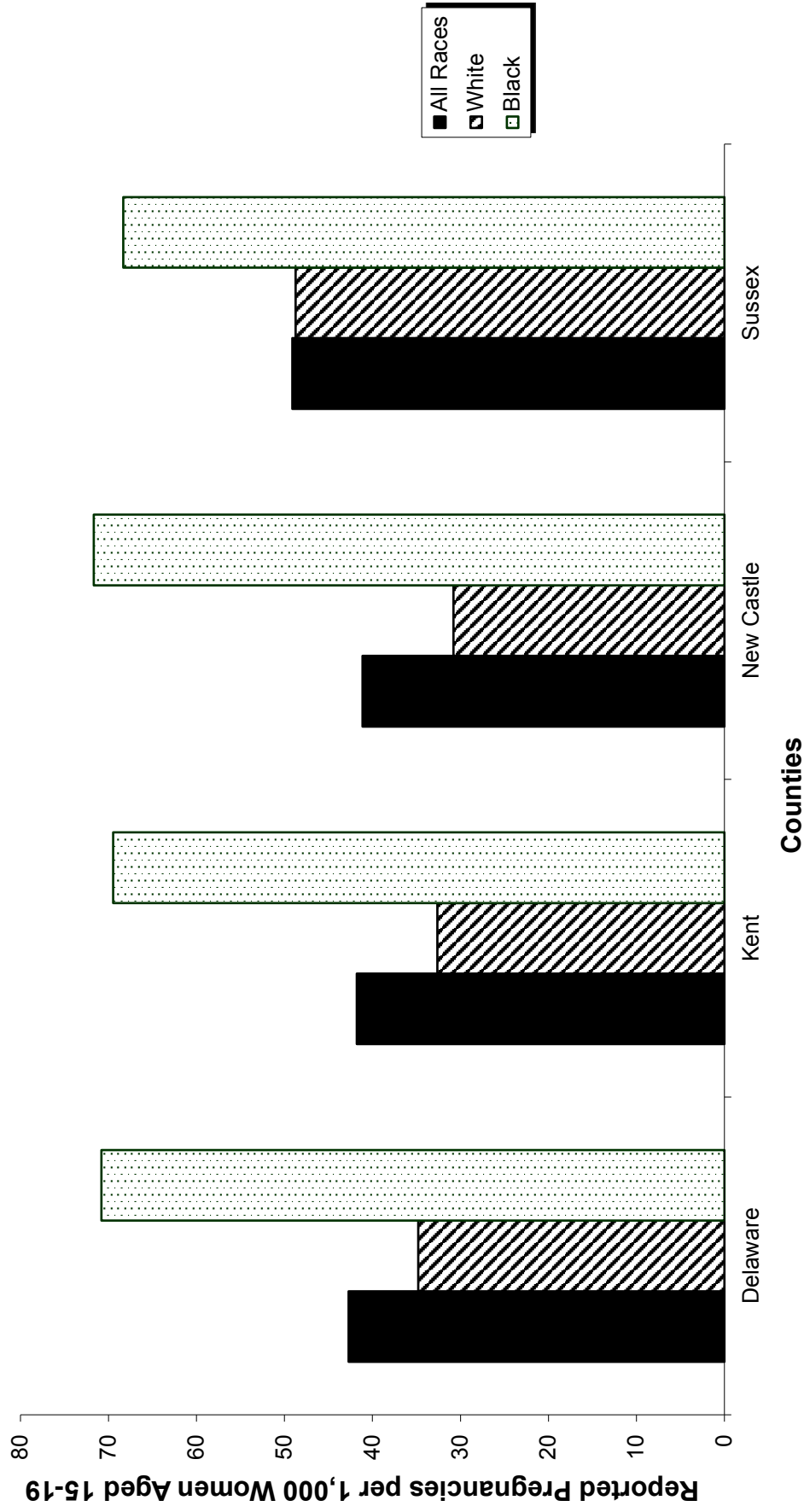
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure D-2**  
**Five-year Average Rate of Reported Pregnancies by County and Race**  
**Delaware, 2010-2014**



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, 2010-2014**



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

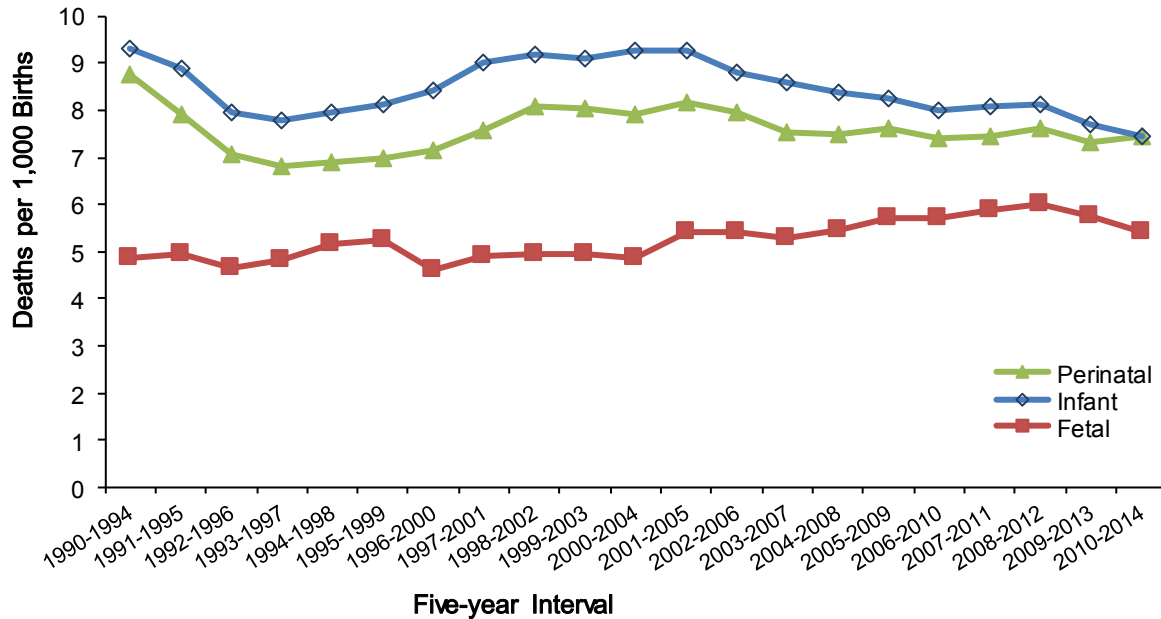
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## FETAL AND PERINATAL DEATHS

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 through 2009-2014.

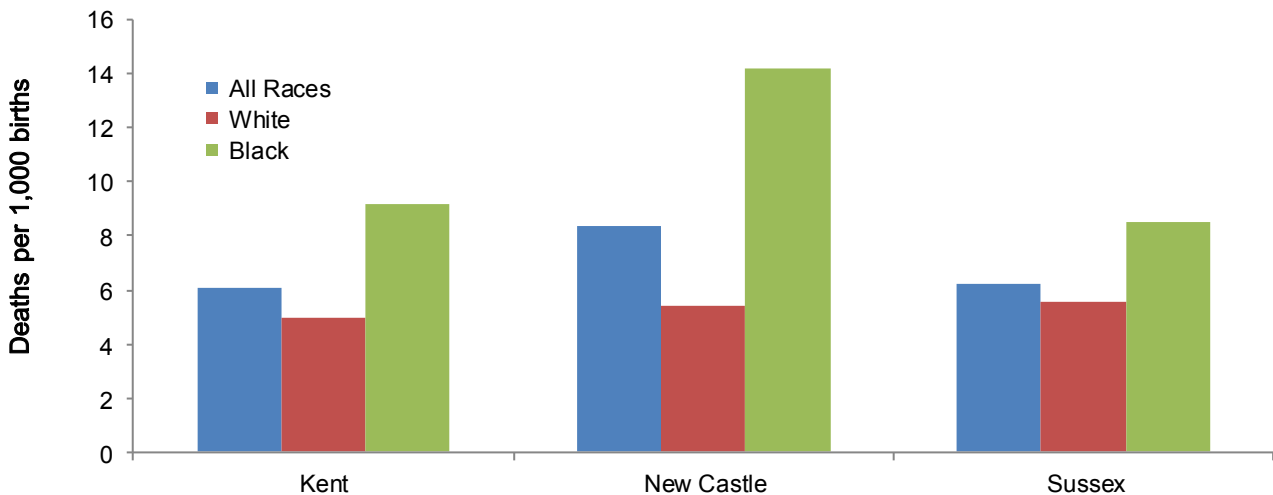
### Five-year Fetal, Perinatal, and Infant Mortality Rates Delaware, 1990-2014



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

Like infant mortality rates, perinatal mortality rates for black women were substantially higher than the perinatal mortality rates for white women, regardless of county. In New Castle County, the perinatal mortality rate for black women was more than double that of white women.

### Five-year Average Perinatal Mortality Rates by Race and County, Delaware, 2010-2014

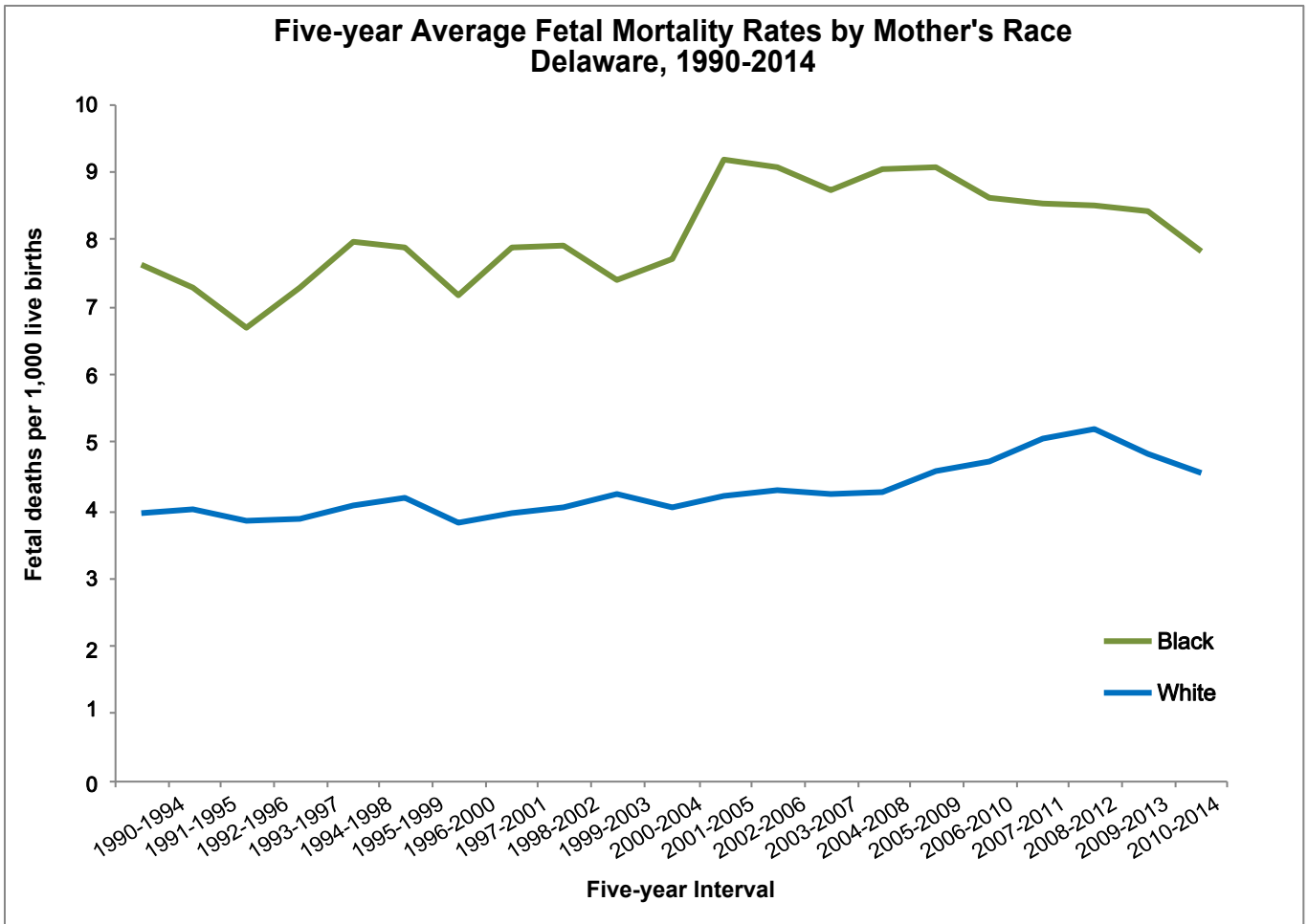


Note: Rates include late fetal deaths

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

## FETAL AND PERINATAL DEATHS

In 2014, there were 59 reported fetal deaths in Delaware. In 2010-2014, the fetal mortality rate was 5.7 fetal deaths per 1,000 live births and fetal deaths. Fetal mortality rates for black women have been consistently higher than the rates for white women, and in 2010-2014 they were 41 percent higher than the rate of white women (7.8 versus 4.6).



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, AND AGE OF WOMAN

DELAWARE AND COUNTIES, 2014

Area/ Age	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
<b>Delaware</b>	59	29	30	0	6
<20	7	2	5	0	0
20-24	18	8	10	0	0
25-34	27	15	12	0	3
35+	7	4	3	0	3
Unknown	0	0	0	0	0
<b>Kent</b>	6	2	4	0	0
<20	2	0	2	0	0
20-24	2	1	1	0	0
25-34	2	1	1	0	0
35+	0	0	0	0	0
Unknown	0	0	0	0	0
<b>New Castle</b>	36	16	20	0	2
<20	3	0	3	0	0
20-24	10	4	6	0	0
25-34	20	11	9	0	1
35+	3	1	2	0	1
Unknown	0	0	0	0	0
<b>Sussex</b>	17	11	6	0	4
<20	2	2	0	0	0
20-24	6	3	3	0	0
25-34	5	3	2	0	2
35+	4	3	1	0	2
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.

PRAGERACECTY

**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, 2014

Education	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
<b>Total</b>	59	29	30	0	53
<9	4	4	0	0	0
9 to 11	11	4	7	0	11
H.S. Grad	22	12	10	0	20
1 to 3 College	17	6	11	0	17
4+ College	5	3	2	0	5
Unknown	0	0	0	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 and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-13  
NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND MARITAL STATUS OF WOMAN  
DELAWARE AND COUNTIES, 2014

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
<b>Delaware</b>	59	29	30	0	6
Married	19	12	7	0	4
Single	40	17	23	0	2
<b>Kent</b>	6	2	4	0	0
Married	3	2	1	0	0
Single	3	0	3	0	0
<b>New Castle</b>	36	16	20	0	2
Married	12	7	5	0	2
Single	24	9	15	0	0
<b>Sussex</b>	17	11	6	0	4
Married	4	3	1	0	2
Single	13	8	5	0	2

PRMARIT

**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 AND RACE OF WOMAN

DELAWARE AND COUNTIES, 2014

Area/ Weight	Race			
	All Races	White	Black	Other
<b>Delaware</b>	59	29	30	0
<500	13	7	6	0
500-749	8	5	3	0
750-999	9	2	7	0
1000-1499	6	1	5	0
1500-1999	4	3	1	0
2000-2499	6	2	4	0
2500+	13	9	4	0
Unknown	0	0	0	0
<b>Kent</b>	6	2	4	0
<500	1	1	0	0
500-749	1	1	0	0
750-999	3	0	3	0
1000-1499	0	0	0	0
1500-1999	0	0	0	0
2000-2499	1	0	1	0
2500+	0	0	0	0
Unknown	0	0	0	0
<b>New Castle</b>	36	16	20	0
<500	7	4	3	0
500-749	5	2	3	0
750-999	5	2	3	0
1000-1499	5	1	4	0
1500-1999	4	3	1	0
2000-2499	3	0	3	0
2500+	7	4	3	0
Unknown	0	0	0	0
<b>Sussex</b>	17	11	6	0
<500	5	2	3	0
500-749	2	2	0	0
750-999	1	0	1	0
1000-1499	1	0	1	0
1500-1999	0	0	0	0
2000-2499	2	2	0	0
2500+	6	5	1	0
Unknown	0	0	0	0

FDWTRACE

**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 Public Health, Delaware Health Statistics Center

TABLE D-15  
NUMBER OF FETAL DEATHS BY WEEKS OF GESTATION AND RACE OF WOMAN

DELAWARE AND COUNTIES, 2014

Area/ Age	Race			
	All Races	White	Black	Other
<b>Delaware</b>	59	29	30	0
<20 Weeks	3	3	0	0
20-24 Weeks	17	9	8	0
25-29 Weeks	13	4	9	0
30-34 Weeks	7	1	6	0
35-39 Weeks	13	7	6	0
40+ Weeks	6	5	1	0
Unknown	0	0	0	0
<b>Kent</b>	6	2	4	0
<20 Weeks	0	0	0	0
20-24 Weeks	2	2	0	0
25-29 Weeks	3	0	3	0
30-34 Weeks	1	0	1	0
35-39 Weeks	0	0	0	0
40+ Weeks	0	0	0	0
Unknown	0	0	0	0
<b>New Castle</b>	36	16	20	0
<20 Weeks	2	2	0	0
20-24 Weeks	11	5	6	0
25-29 Weeks	6	3	3	0
30-34 Weeks	6	1	5	0
35-39 Weeks	6	1	5	0
40+ Weeks	5	4	1	0
Unknown	0	0	0	0
<b>Sussex</b>	17	11	6	0
<20 Weeks	1	1	0	0
20-24 Weeks	4	2	2	0
25-29 Weeks	4	1	3	0
30-34 Weeks	0	0	0	0
35-39 Weeks	7	6	1	0
40+ Weeks	1	1	0	0
Unknown	0	0	0	0

**Note:**

FDGESRAC

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  
 DELAWARE AND COUNTIES, 1996-2014

Area/ Race	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>Delaware</b>															
All Races	7.1	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
White	5.6	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
Black	12.4	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
<b>Kent</b>															
All Races	7.5	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
White	6.0	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
Black	12.9	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
<b>New Castle</b>															
All Races	7.3	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
White	5.3	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
Black	13.7	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
<b>Sussex</b>															
All Races	6.3	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
White	6.1	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
Black	6.6	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

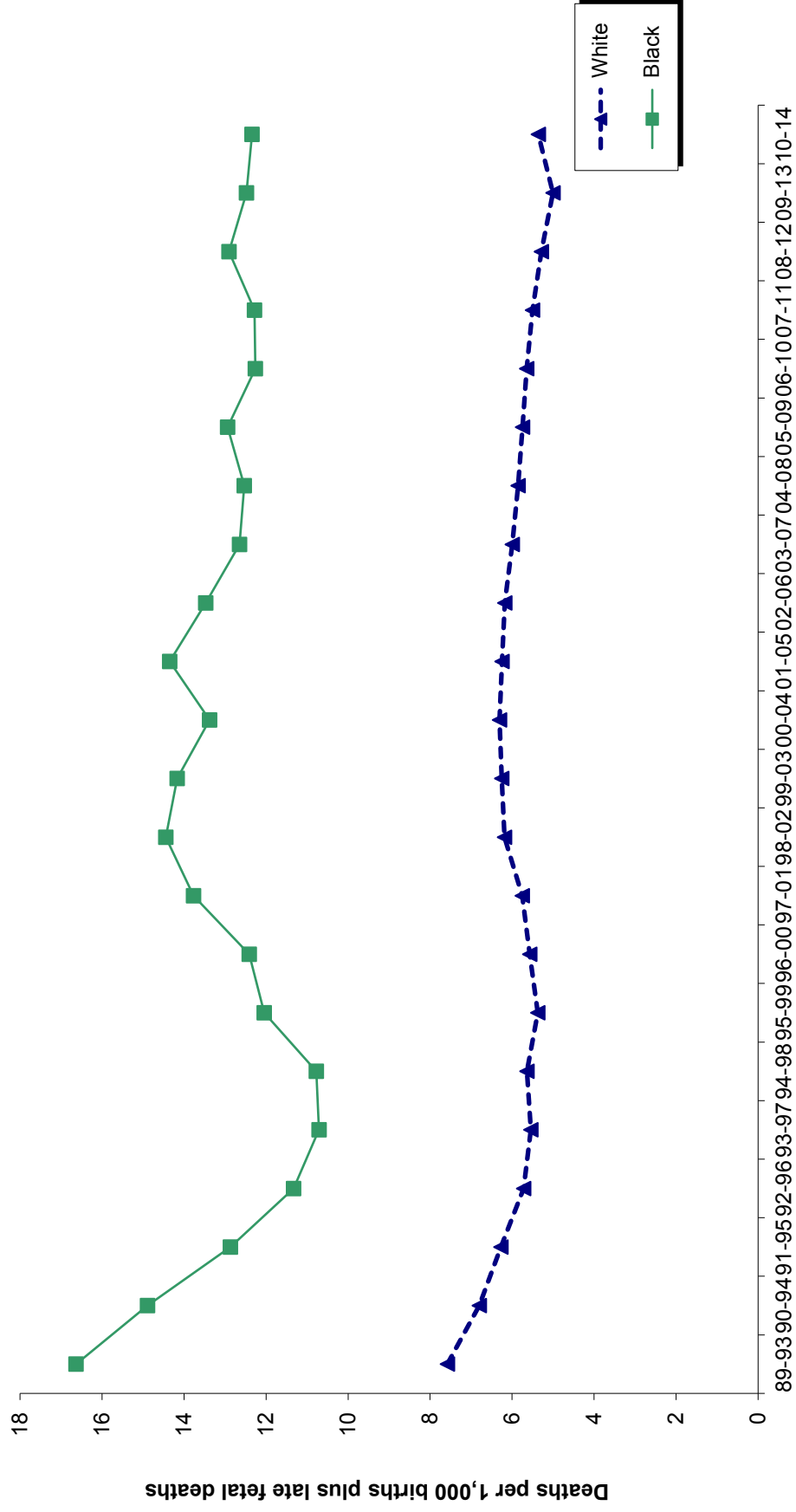
**Note:** Perinatal mortality rate defined as: Infant deaths of less than 7 days and fetal deaths with gestation of 28 weeks or more, per 1,000 live births and specified fetal deaths. Peri\_ra

**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, 1989-2014**



**Five-year interval**

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, 2014

Characteristic	Number	Percent	Characteristic	Number	Percent
<b>Total</b>	2937	100.0%	<b>Marital Status</b>		
<b>Place of Residence</b>			Married	339	11.5%
Delaware	2468	84.0%	Single	2598	88.5%
Kent	411	14.0%	Unknown	0	0.0%
New Castle	1667	56.8%	<b>Weeks of Gestation</b>		
Sussex	390	13.3%	<7 Weeks	764	26.0%
Maryland	202	6.9%	7 Weeks	567	19.3%
New Jersey	42	1.4%	8 Weeks	512	17.4%
Pennsylvania	204	6.9%	9-10 Weeks	571	19.4%
Other State	21	0.7%	11-12 Weeks	292	9.9%
<b>Age</b>			13-15 Weeks	189	6.4%
<15	9	0.3%	16-20 Weeks	36	1.2%
15-17	121	4.1%	21+ Weeks	2	0.1%
18-19	245	8.3%	Unknown	4	0.1%
20-24	992	33.8%	<b>Type of Procedure</b>		
25-29	722	24.6%	Suction Curettage	1635	55.7%
30-34	488	16.6%	Medical (Nonsurgical)	1292	44.0%
35-39	261	8.9%	Intrauterine Installation	1	0.0%
40+	99	3.4%	Other	4	0.1%
Unknown	0	0.0%	Unknown	5	0.2%
<b>Race</b>			<b>Previous Pregnancies</b>		
White	1478	50.3%	None	766	26.1%
Black	1290	43.9%	1	588	20.0%
American Indian	7	0.2%	2	507	17.3%
Asian and Pacific Islander	81	2.8%	3+	1054	35.9%
Other Races	81	2.8%	Unknown	22	0.7%
Unknown	0		<b>Previous Live Births</b>		
<b>Hispanic Origin</b>			None	1149	39.1%
Yes	355	12.1%	1	767	26.1%
No	2581	87.9%	2	566	19.3%
Unknown	1	0.0%	3+	438	14.9%
<b>Level of Education</b>			Unknown	17	0.6%
<9	81	2.8%	<b>Previous Induced Abortions</b>		
9-11	339	11.5%	None	1588	54.1%
H.S. Graduate	1365	46.5%	1	803	27.3%
1 to 3 College	677	23.1%	2	321	10.9%
4+ College	339	11.5%	3+	199	6.8%
Unknown	136	4.6%	Unknown	26	0.9%

**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.

ABSUMM

**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, 2014

Place of Residence/ Race	Total		Age						35+		Unknown					
	Number	Percent	<18		18-19		20-24		25-29		30-34		Number	Percent		
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent				
<b>All Terminations</b>	2937	100.0	130	4.4	245	8.3	992	33.8	722	24.6	488	16.6	360	12.3	0	0.0
White	1478	100.0	60	4.1	103	7.0	462	31.3	385	26.0	261	17.7	207	14.0	0	0.0
Black	1290	100.0	65	5.0	128	9.9	477	37.0	297	23.0	194	15.0	129	10.0	0	0.0
Other	169	100.0	5	3.0	14	8.3	53	31.4	40	23.7	33	19.5	24	14.2	0	0.0
<b>Delaware</b>	2468	100.0	111	4.5	205	8.3	840	34.0	612	24.8	411	16.7	289	11.7	0	0.0
White	1168	100.0	46	3.9	80	6.8	369	31.6	316	27.1	205	17.6	152	13.0	0	0.0
Black	1156	100.0	61	5.3	113	9.8	424	36.7	264	22.8	177	15.3	117	10.1	0	0.0
Other	144	100.0	4	2.8	12	8.3	47	32.6	32	22.2	29	20.1	20	13.9	0	0.0
Kent	411	100.0	16	3.9	25	6.1	144	35.0	117	28.5	76	18.5	33	8.0	0	0.0
White	189	100.0	4	2.1	7	3.7	58	30.7	61	32.3	43	22.8	16	8.5	0	0.0
Black	197	100.0	9	4.6	14	7.1	80	40.6	50	25.4	28	14.2	16	8.1	0	0.0
Other	25	100.0	3	12.0	4	16.0	6	24.0	6	24.0	5	20.0	1	4.0	0	0.0
New Castle	1667	100.0	83	5.0	142	8.5	562	33.7	387	23.2	277	16.6	216	13.0	0	0.0
White	723	100.0	34	4.7	46	6.4	227	31.4	179	24.8	129	17.8	108	14.9	0	0.0
Black	839	100.0	48	5.7	88	10.5	302	36.0	184	21.9	126	15.0	91	10.8	0	0.0
Other	105	100.0	1	1.0	8	7.6	33	31.4	24	22.9	22	21.0	17	16.2	0	0.0
Sussex	390	100.0	12	3.1	38	9.7	134	34.4	108	27.7	58	14.9	40	10.3	0	0.0
White	256	100.0	8	3.1	27	10.5	84	32.8	76	29.7	33	12.9	28	10.9	0	0.0
Black	120	100.0	4	3.3	11	9.2	42	35.0	30	25.0	23	19.2	10	8.3	0	0.0
Other	14	100.0	0	0.0	0	0.0	8	57.1	2	14.3	2	14.3	2	14.3	0	0.0
<b>Other State</b>	469	100.0	19	4.1	40	8.5	152	32.4	110	23.5	77	16.4	71	15.1	0	0.0
White	310	100.0	14	4.5	23	7.4	93	30.0	69	22.3	56	18.1	55	17.7	0	0.0
Black	134	100.0	4	3.0	15	11.2	53	39.6	33	24.6	17	12.7	12	9.0	0	0.0
Other	25	100.0	1	4.0	2	8.0	6	24.0	8	32.0	4	16.0	4	16.0	0	0.0

ABRACAGE

**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, 2014

Place of Residence/ Weeks	AGE						
	Total	<20	20-24	25-29	30-34	35-39	40+
<b>All Terminations</b>	2937	375	992	722	488	261	99
<7 Weeks	764	58	253	215	129	71	38
7 Weeks	567	75	184	143	97	51	17
8 Weeks	512	66	163	128	87	54	14
9-10 Weeks	571	89	201	120	95	51	15
11-12 Weeks	292	43	119	69	43	13	5
13-15 Weeks	189	40	61	38	29	17	4
16-20 Weeks	36	3	11	6	7	3	6
21+ Weeks	2	1	0	1	0	0	0
Unknown	4	0	0	2	1	1	0
<b>Delaware</b>	2468	316	840	612	411	214	75
<7 Weeks	632	48	215	182	102	57	28
7 Weeks	474	62	152	122	81	44	13
8 Weeks	431	52	140	105	80	42	12
9-10 Weeks	499	82	174	104	82	43	14
11-12 Weeks	250	34	103	61	37	12	3
13-15 Weeks	156	34	50	33	24	13	2
16-20 Weeks	21	3	6	2	5	2	3
21+ Weeks	2	1	0	1	0	0	0
Unknown	3	0	0	2	0	1	0
<b>Kent</b>	411	41	144	117	76	24	9
<7 Weeks	99	4	38	29	14	11	3
7 Weeks	72	7	24	25	10	5	1
8 Weeks	84	10	29	23	17	3	2
9-10 Weeks	84	11	27	19	21	5	1
11-12 Weeks	40	4	20	10	5	0	1
13-15 Weeks	28	5	5	9	8	0	1
16-20 Weeks	3	0	1	1	1	0	0
21+ Weeks	0	0	0	0	0	0	0
Unknown	1	0	0	1	0	0	0
<b>New Castle</b>	1667	225	562	387	277	155	61
<7 Weeks	435	35	141	123	75	39	22
7 Weeks	317	40	102	76	59	28	12
8 Weeks	287	37	94	59	55	33	9
9-10 Weeks	342	61	124	65	47	33	12
11-12 Weeks	166	28	64	39	24	9	2
13-15 Weeks	100	22	32	22	13	10	1
16-20 Weeks	17	2	5	1	4	2	3
21+ Weeks	1	0	0	1	0	0	0
Unknown	2	0	0	1	0	1	0
<b>Sussex</b>	390	50	134	108	58	35	5
<7 Weeks	98	9	36	30	13	7	3
7 Weeks	85	15	26	21	12	11	0
8 Weeks	60	5	17	23	8	6	1
9-10 Weeks	73	10	23	20	14	5	1
11-12 Weeks	44	2	19	12	8	3	0
13-15 Weeks	28	7	13	2	3	3	0
16-20 Weeks	1	1	0	0	0	0	0
21+ Weeks	1	1	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
<b>Other State</b>	469	59	152	110	77	47	24
<7 Weeks	132	10	38	33	27	14	10
7 Weeks	93	13	32	21	16	7	4
8 Weeks	81	14	23	23	7	12	2
9-10 Weeks	72	7	27	16	13	8	1
11-12 Weeks	42	9	16	8	6	1	2
13-15 Weeks	33	6	11	5	5	4	2
16-20 Weeks	15	0	5	4	2	1	3
21+ Weeks	0	0	0	0	0	0	0
Unknown	1	0	0	0	1	0	0

Note:Weeks of gestation are based on clinical estimate.

Source: Delaware 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, 2014

Place of Residence/Age	Number of Previous Pregnancies					
	Total	None	1	2	3+	Not Stated
<b>All Terminations</b>	2937	766	588	507	1054	22
<20	375	268	74	23	10	0
20-24	992	342	256	192	192	10
25-29	722	115	163	133	307	4
30-34	488	34	54	91	305	4
35-39	261	7	27	47	178	2
40+	99	0	14	21	62	2
Unknown	0	0	0	0	0	0
<b>Delaware</b>	2468	615	486	427	918	22
<20	316	224	65	19	8	0
20-24	840	280	212	169	169	10
25-29	612	83	138	110	277	4
30-34	411	23	42	76	266	4
35-39	214	5	22	37	148	2
40+	75	0	7	16	50	2
Unknown	0	0	0	0	0	0
<b>Kent</b>	411	102	81	70	156	2
<20	41	31	9	0	1	0
20-24	144	52	41	23	27	1
25-29	117	17	22	22	55	1
30-34	76	2	6	17	51	0
35-39	24	0	2	8	14	0
40+	9	0	1	0	8	0
Unknown	0	0	0	0	0	0
<b>New Castle</b>	1667	418	327	290	612	20
<20	225	157	45	16	7	0
20-24	562	192	136	117	108	9
25-29	387	48	91	71	174	3
30-34	277	17	31	45	180	4
35-39	155	4	18	27	104	2
40+	61	0	6	14	39	2
Unknown	0	0	0	0	0	0
<b>Sussex</b>	390	95	78	67	150	0
<20	50	36	11	3	0	0
20-24	134	36	35	29	34	0
25-29	108	18	25	17	48	0
30-34	58	4	5	14	35	0
35-39	35	1	2	2	30	0
40+	5	0	0	2	3	0
Unknown	0	0	0	0	0	0
<b>Other State</b>	469	151	102	80	136	0
<20	59	44	9	4	2	0
20-24	152	62	44	23	23	0
25-29	110	32	25	23	30	0
30-34	77	11	12	15	39	0
35-39	47	2	5	10	30	0
40+	24	0	7	5	12	0
Unknown	0	0	0	0	0	0

Source: 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, 2014

Place of Residence/ Age	Number of Previous Live Births					
	Total	None	1	2	3+	Not Stated
<b>All Terminations</b>	2937	1149	767	566	438	17
<20	375	316	46	12	1	0
20-24	992	513	284	137	51	7
25-29	722	226	224	158	112	2
30-34	488	65	125	151	141	6
35-39	261	23	63	76	97	2
40+	99	6	25	32	36	0
Unknown	0	0	0	0	0	0
<b>Delaware</b>	2468	930	656	481	386	15
<20	316	265	41	9	1	0
20-24	840	421	247	119	46	7
25-29	612	172	195	140	103	2
30-34	411	52	103	127	125	4
35-39	214	16	54	62	80	2
40+	75	4	16	24	31	0
Unknown	0	0	0	0	0	0
<b>Kent</b>	411	155	114	79	62	1
<20	41	36	4	1	0	0
20-24	144	81	41	16	6	0
25-29	117	33	39	24	21	0
30-34	76	5	23	23	24	1
35-39	24	0	6	12	6	0
40+	9	0	1	3	5	0
Unknown	0	0	0	0	0	0
<b>New Castle</b>	1667	630	446	325	252	14
<20	225	186	30	8	1	0
20-24	562	284	166	79	26	7
25-29	387	103	131	89	62	2
30-34	277	39	65	86	84	3
35-39	155	14	41	43	55	2
40+	61	4	13	20	24	0
Unknown	0	0	0	0	0	0
<b>Sussex</b>	390	145	96	77	72	0
<20	50	43	7	0	0	0
20-24	134	56	40	24	14	0
25-29	108	36	25	27	20	0
30-34	58	8	15	18	17	0
35-39	35	2	7	7	19	0
40+	5	0	2	1	2	0
Unknown	0	0	0	0	0	0
<b>Other State</b>	469	219	111	85	52	2
<20	59	51	5	3	0	0
20-24	152	92	37	18	5	0
25-29	110	54	29	18	9	0
30-34	77	13	22	24	16	2
35-39	47	7	9	14	17	0
40+	24	2	9	8	5	0
Unknown	0	0	0	0	0	0

Source: Delaware 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, 2014

Place of Residence/ Age	Number of Previous Induced Terminations					
	Total	None	1	2	3+	Not Stated
<b>All Terminations</b>	2937	1588	803	321	199	26
<20	375	319	47	6	3	0
20-24	992	611	266	79	27	9
25-29	722	328	225	101	64	4
30-34	488	186	157	72	66	7
35-39	261	101	79	47	31	3
40+	99	43	29	16	8	3
Unknown		0	0	0	0	0
<b>Delaware</b>	2468	1308	683	283	169	25
<20	316	271	38	4	3	0
20-24	840	512	226	70	23	9
25-29	612	266	194	91	57	4
30-34	411	141	144	65	55	6
35-39	214	85	60	43	23	3
40+	75	33	21	10	8	3
Unknown	0	0	0	0	0	0
<b>Kent</b>	411	218	113	51	27	2
<20	41	36	5	0	0	0
20-24	144	85	42	11	5	1
25-29	117	53	33	22	8	1
30-34	76	27	27	11	11	0
35-39	24	13	5	6	0	0
40+	9	4	1	1	3	0
Unknown	0	0	0	0	0	0
<b>New Castle</b>	1667	865	460	198	121	23
<20	225	192	27	3	3	0
20-24	562	346	141	53	14	8
25-29	387	158	125	58	43	3
30-34	277	87	100	45	39	6
35-39	155	57	48	30	17	3
40+	61	25	19	9	5	3
Unknown	0	0	0	0	0	0
<b>Sussex</b>	390	225	110	34	21	0
<20	50	43	6	1	0	0
20-24	134	81	43	6	4	0
25-29	108	55	36	11	6	0
30-34	58	27	17	9	5	0
35-39	35	15	7	7	6	0
40+	5	4	1	0	0	0
Unknown	0	0	0	0	0	0
<b>Other State</b>	469	280	120	38	30	1
<20	59	48	9	2	0	0
20-24	152	99	40	9	4	0
25-29	110	62	31	10	7	0
30-34	77	45	13	7	11	1
35-39	47	16	19	4	8	0
40+	24	10	8	6	0	0
Unknown	0	0	0	0	0	0

Source: Delaware 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.

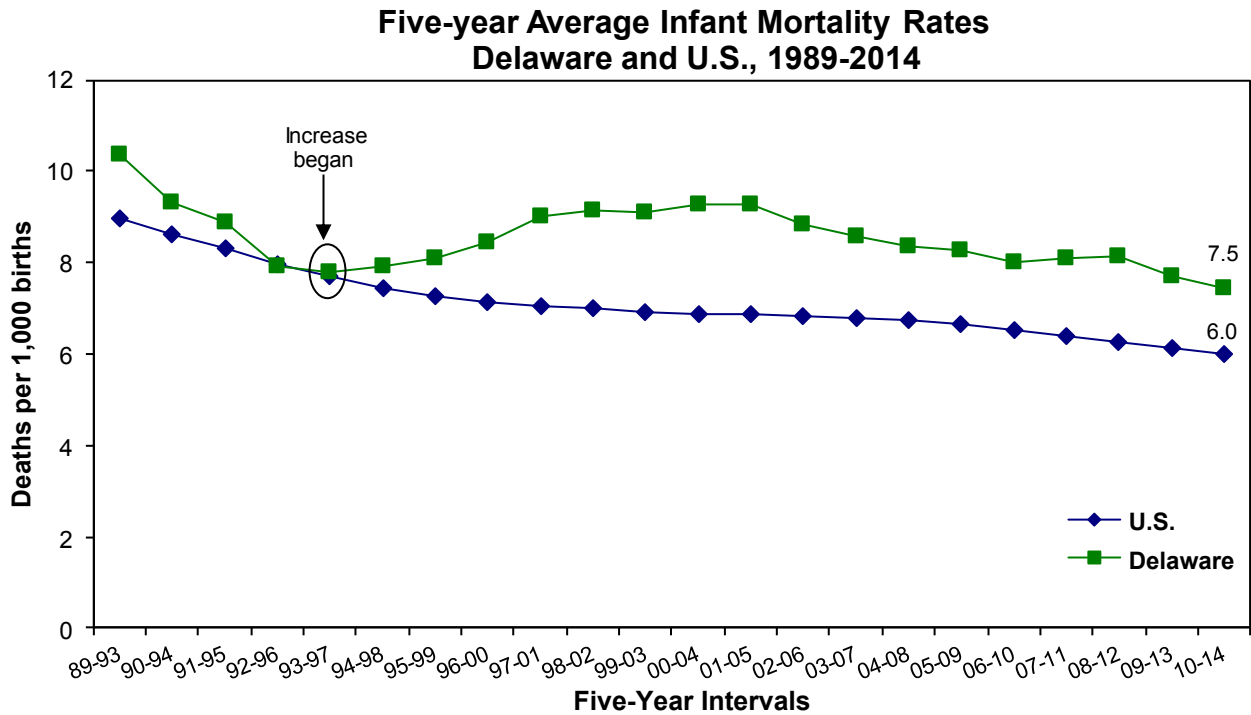
# Infant Mortality



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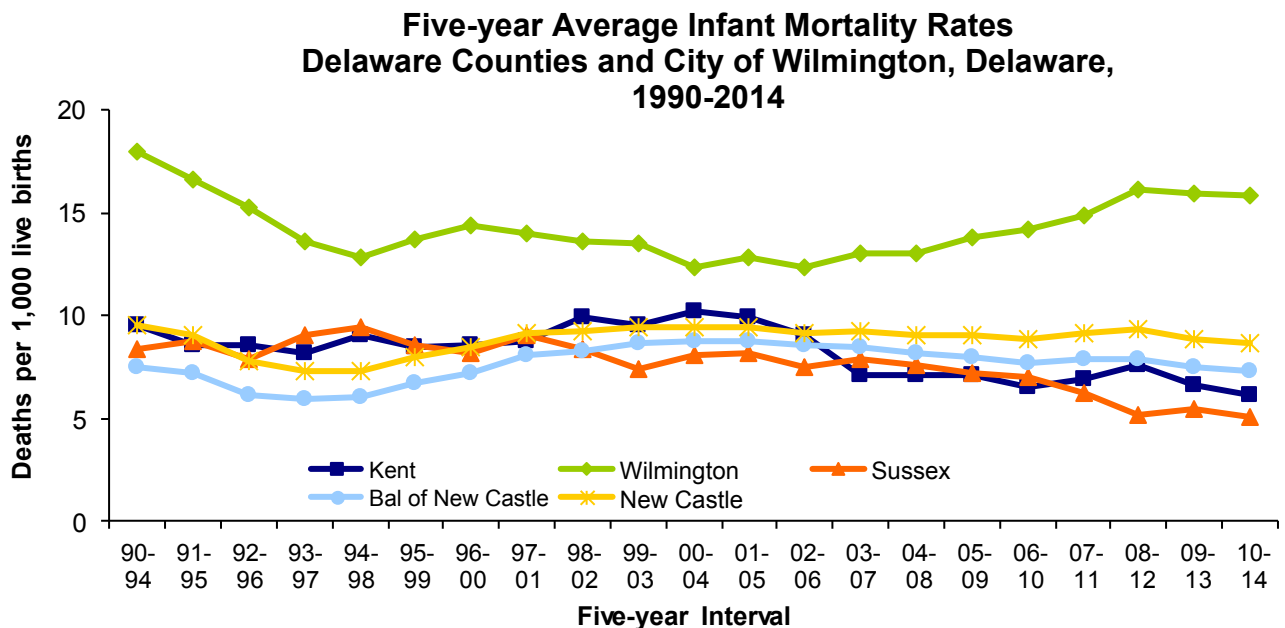
## INFANT MORTALITY

In 2010-2014, Delaware's infant mortality rate (IMR) was 7.5 infant deaths per 1,000 live births, resulting in a total decline of 19.4 percent from its 2000-2004 peak of 9.3 infant deaths per 1,000 live births. At 6.0 infant deaths per 1,000 live births, the U.S. rate remained lower than the Delaware rate.



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

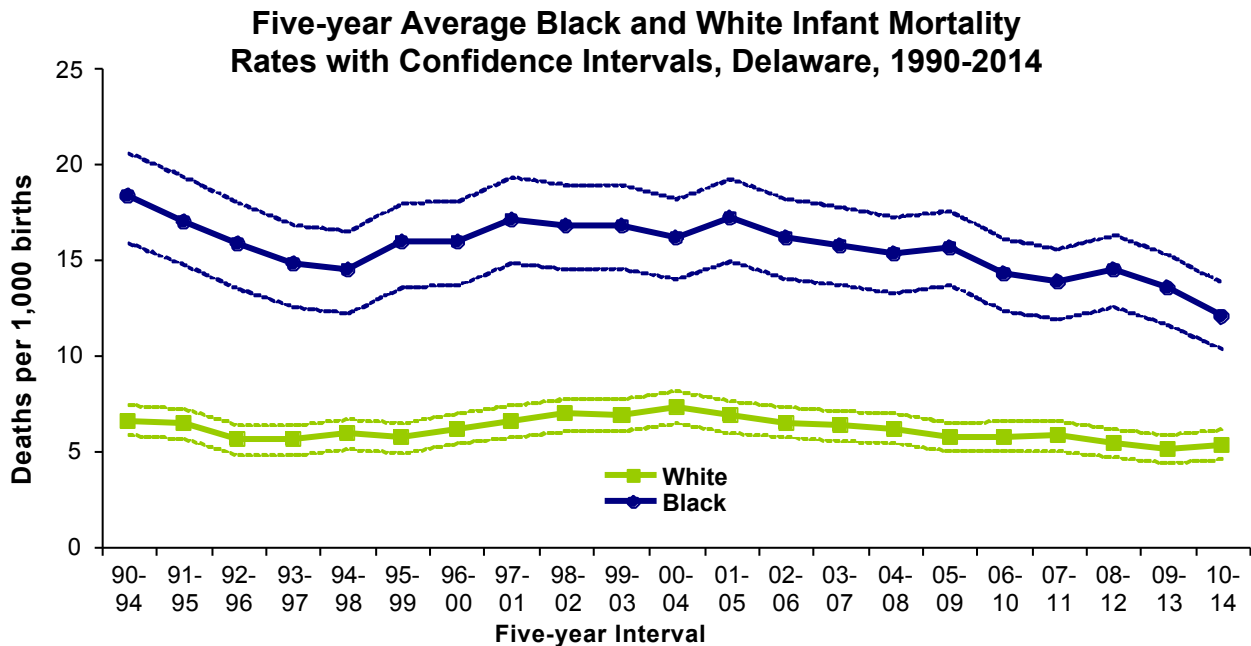
Wilmington's IMR continued to be the highest in Delaware. The combination of Wilmington's high IMR and a higher IMR in the balance of New Castle County resulted in New Castle County's IMR being higher than the IMRs of both Kent and Sussex counties. Sussex County's IMR remained the lowest at 5.1. In 2010-2014, the balance of New Castle County's IMR was 7.3, Wilmington's IMR was 15.8, and Kent County's IMR was 6.2.



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

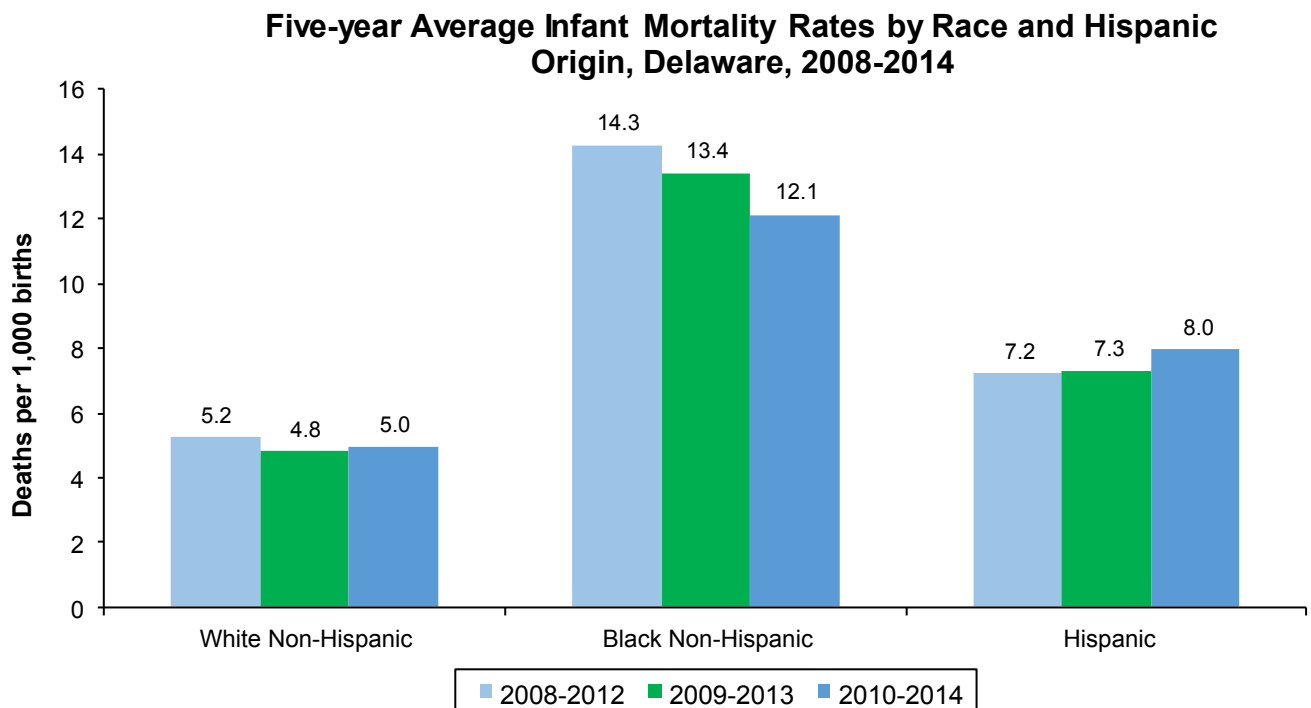
## INFANT MORTALITY

Black infants experienced significantly higher mortality rates than white infants, but the gap is decreasing. In 2010-2014, the black IMR was two times higher than the white IMR, whereas in 1990-1994 the black IMR was three times higher.



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 12.1 infant deaths per 1,000 live births in 2010-2014 was more than double the white non-Hispanic rate of 5.0 and 1.5 times the Hispanic rate of 8.0.



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

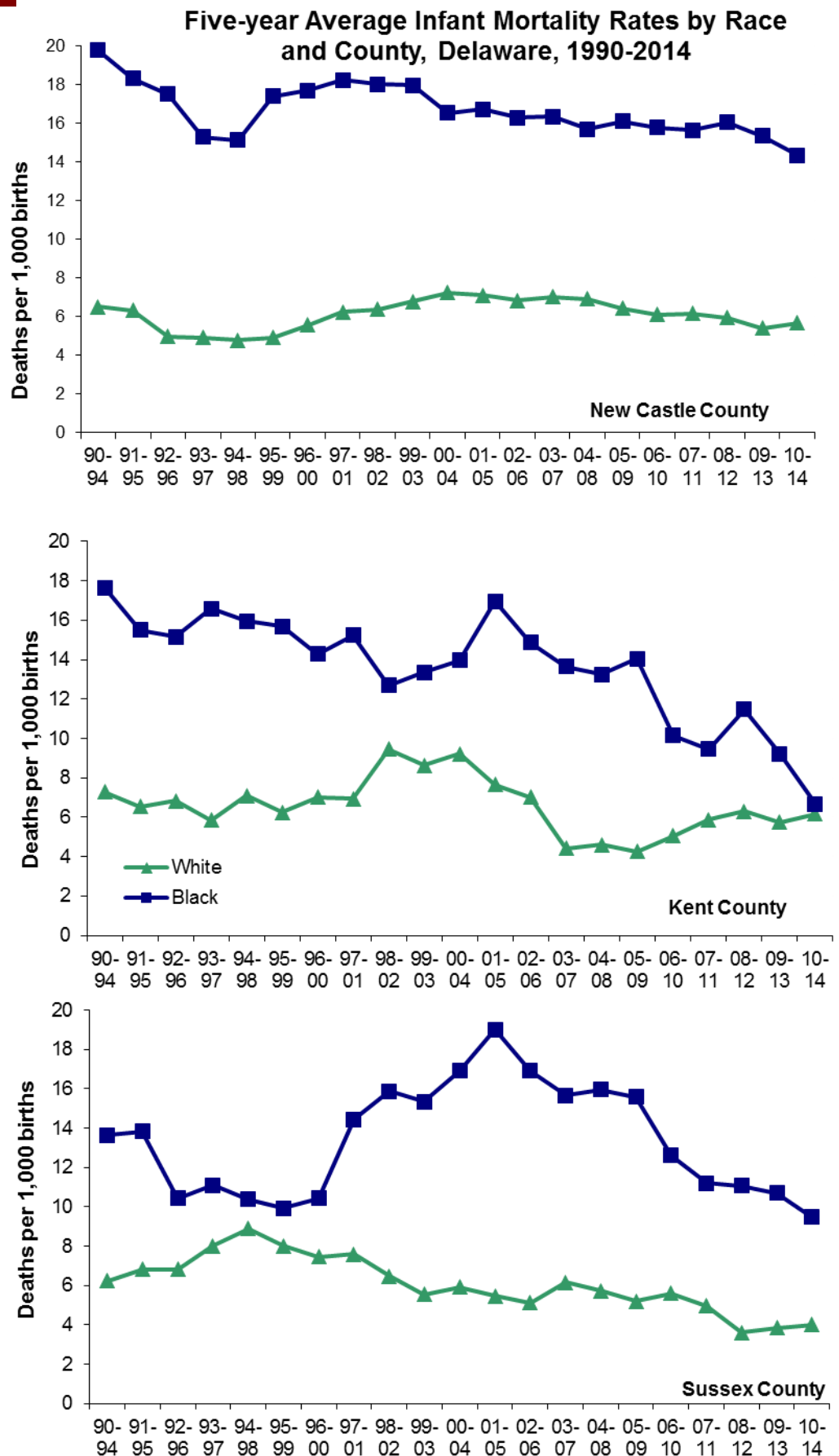
## INFANT MORTALITY

In 2010-2014, New Castle County had the highest IMRs and Sussex County had the lowest.

Black IMRs in New Castle County have hovered around 16 infants per 1,000 live births since 2002-2006, and decreased the last two time periods to 14.3 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 6.7 in 2010-2014, a 61 percent decrease in black IMRs from 2001-2005. The white IMR had a 44 percent increase from 2005-2009 to 2010-2014 (4.3 to 6.2 infant deaths per 1,000 live births), thus narrowing the disparity between the white and black IMR.

Sussex County's black IMR dropped to 9.5 infant deaths per 1,000 live births in 2010-2014, its lowest rate since 1996-2000; a 50 percent reduction from the 2001-2005 peak of 19. Sussex County's white IMR fluctuated between 5 and 6 from 1999-2003 to 2007-2011, and in 2010-2014 the rate dropped to 4 infant deaths per 1,000 births.



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

## INFANT MORTALITY- Leading Causes of Death

In 2010-2014, the five leading causes of infant death in Delaware were:

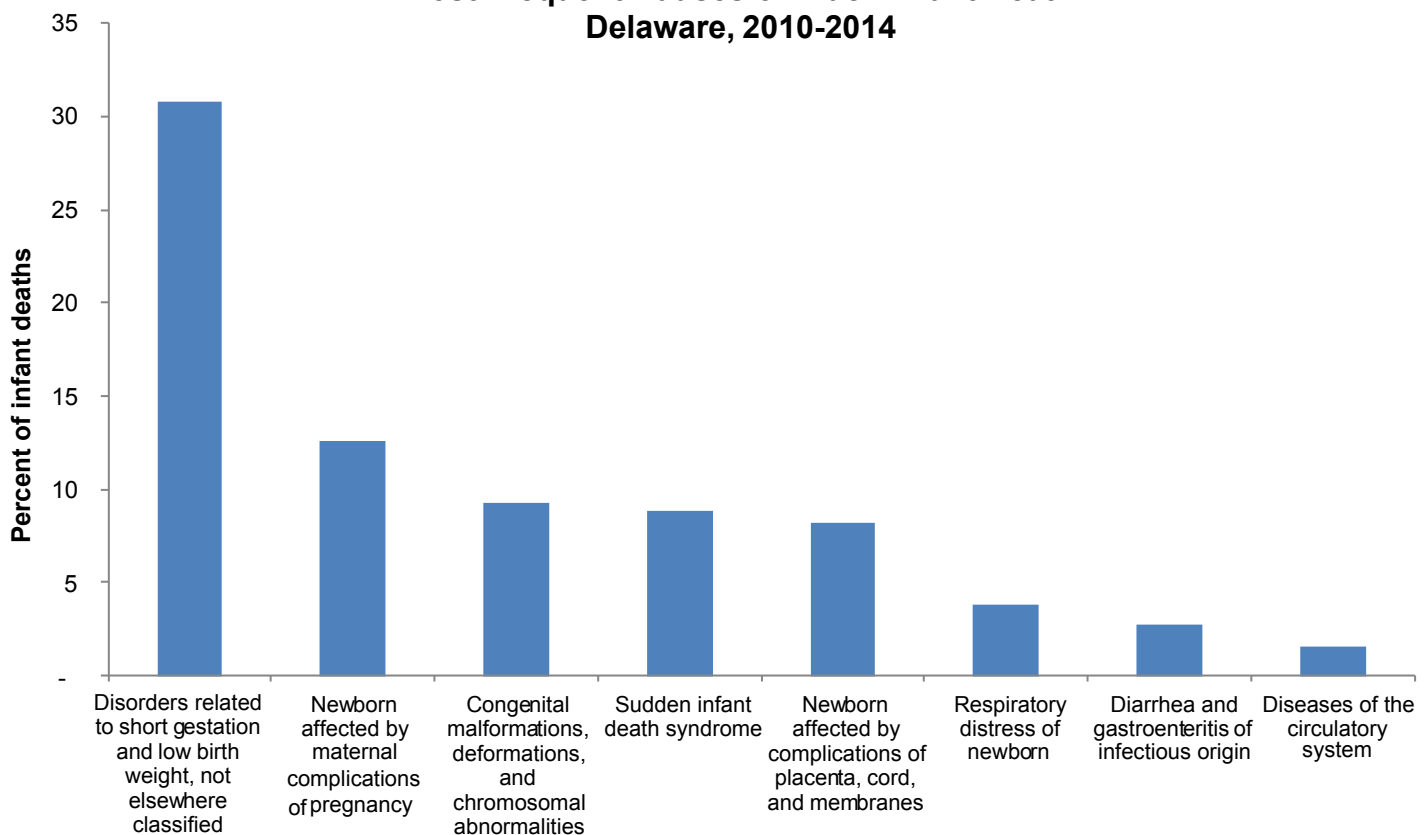
- Disorders related to short gestation and fetal malnutrition (prematurity and low birthweight), which accounted for 23.1 percent of infant deaths.
- Congenital anomalies (birth defects), which accounted for 15.5 percent of infant deaths.
- Newborns affected by maternal complications of pregnancy, which accounted for 10.4 percent of infant deaths. Of the 43 deaths attributed to this cause, 37 were due to the newborn being affected by incompetent cervix and premature rupture of membranes.
- Sudden infant death syndrome (SIDS), which accounted for 10 percent of all infant deaths.
- Newborns affected by complications of placenta, cord, and membranes were 6.6 percent of infant deaths.

In sum, the five most common causes of infant death accounted for 66 percent, or 286 of the 412 total infant deaths.

The most frequent causes of death by race are shown in the graphs below and on the following page. Birth defects and disorders related to short gestation and low birthweight were listed in the top three most frequent causes of death for both black and white infants.

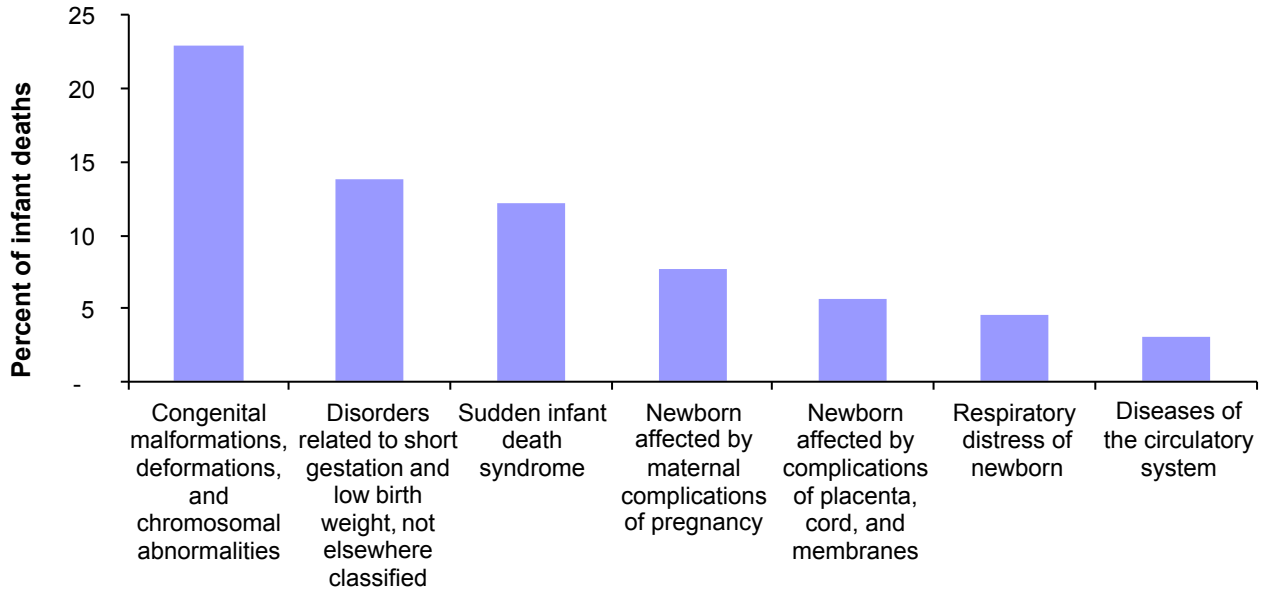
Though the proportions of deaths by race were similar for many of the causes of death, notable exceptions were birth defects and disorders due to prematurity and low birthweight. While birth defects were responsible for 23 percent of all white infant deaths, they accounted for only 9 percent of black infant deaths. Conversely in 2010-2014, infant deaths due to disorders related to prematurity and low birthweight accounted for larger percentages of black infant deaths than white infant deaths (31 percent versus 14 percent for prematurity and low birthweight).

### Most Frequent Causes of Black Infant Death Delaware, 2010-2014



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

**Most Frequent Causes of White Infant Death  
Delaware, 2010-2014**

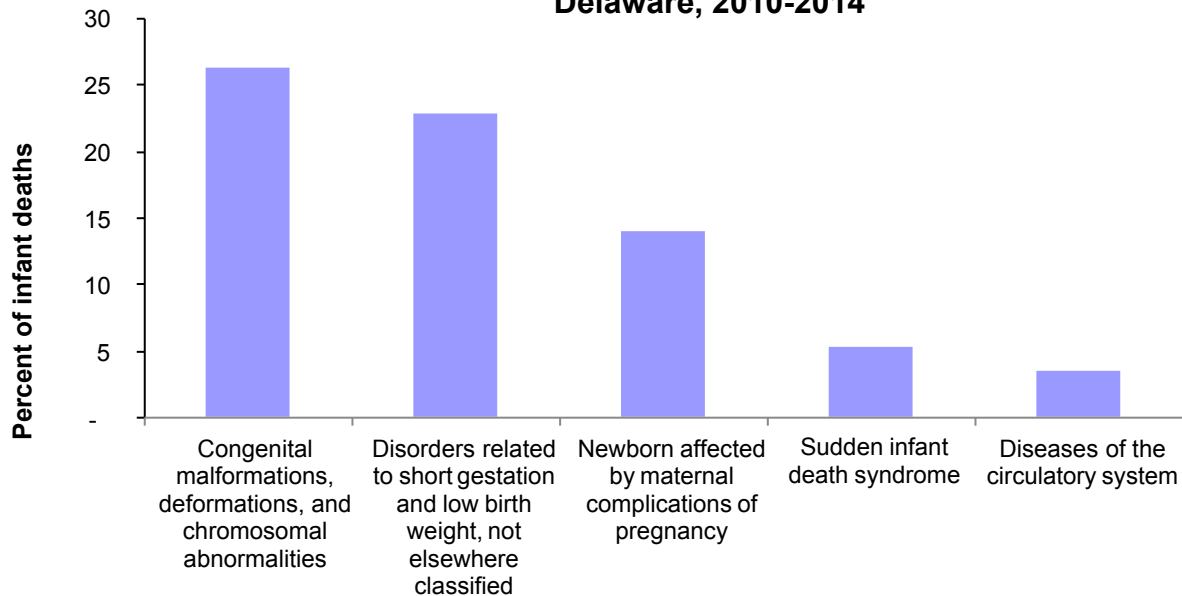


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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, 2010-2014, 13.0 percent of all live births were to Hispanic mothers, and 13.8 percent of all infant deaths were of Hispanic origin.

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

**Most Frequent Causes of Hispanic Infant Death  
Delaware, 2010-2014**



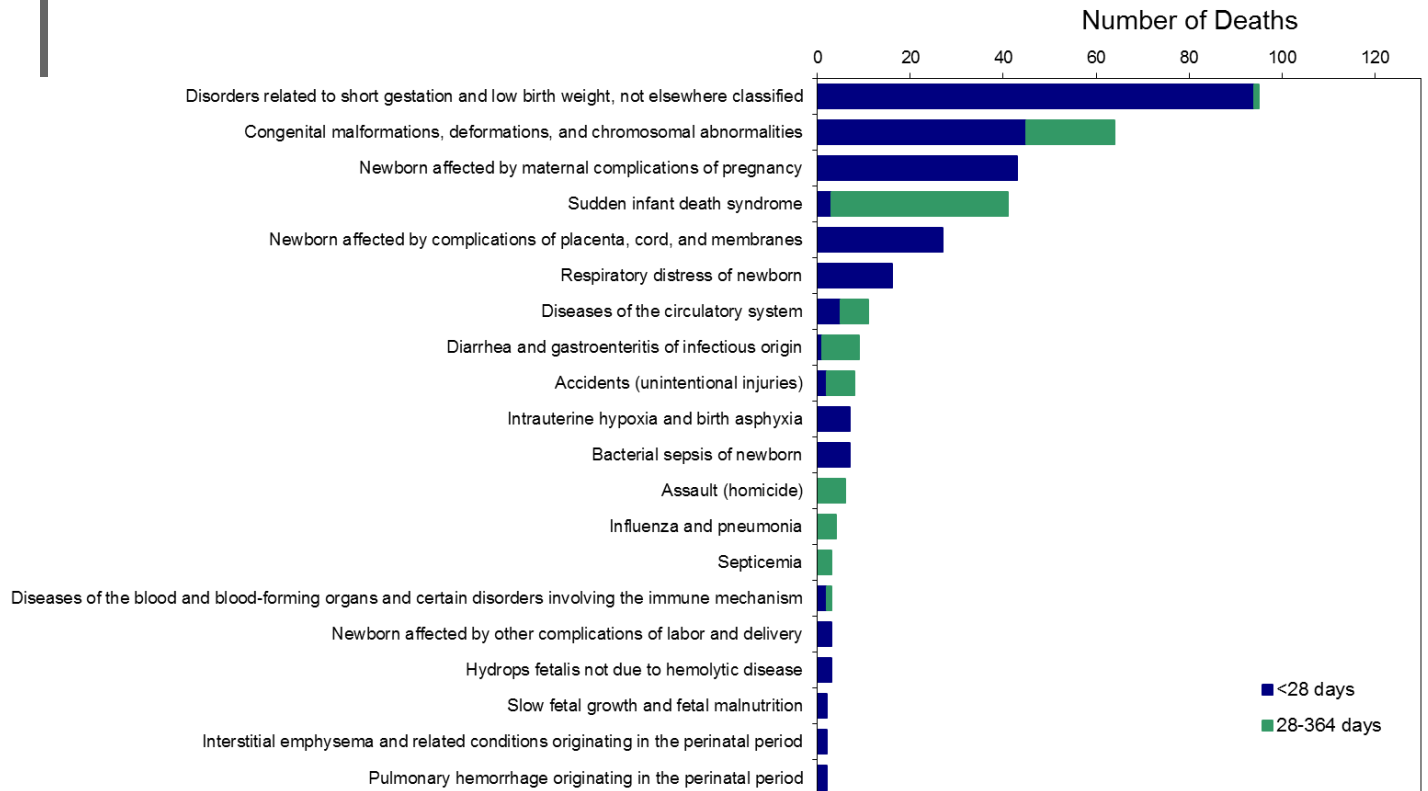
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## INFANT MORTALITY - Leading Causes of Death

In Delaware in 2010-2014, approximately 94 percent of all infant deaths occurred within the first six months of life, 73 percent occurred within the first 28 days of life, and 44 percent occurred within 24 hours of birth.

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

Most Frequent Causes of Infant Death  
Delaware, 2010-2014



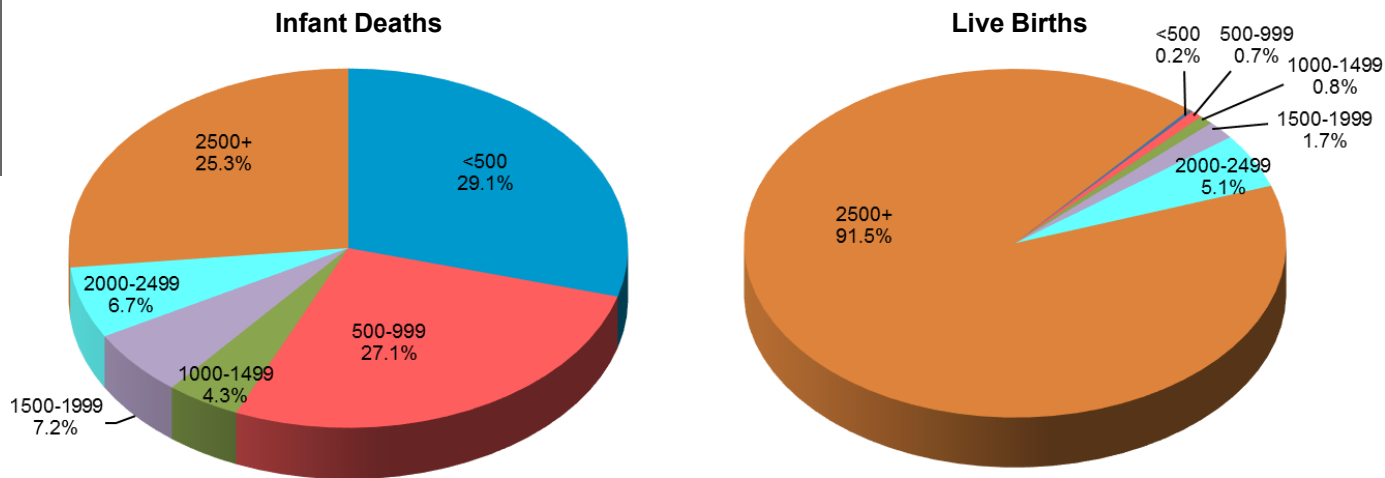
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

- Prematurity and low birthweight accounted for the greatest number of infant deaths in 2010-2014; 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 107 days. Although fewer infants died in 2010-2014 compared to 2009-2013 and less infants died due to SIDS, it remained in the top five leading causes of infant death in 2010-2014.
  - ⇒ 41 percent (17 out of 41) of the SIDS deaths were associated with co-sleeping and/or sleeping on soft surfaces, such as couches and adult beds.
- In 2010-2014, there were eight 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, 6.1 percent of all infant deaths were associated with co-sleeping and/or unsafe sleep practices.

## INFANT MORTALITY - Live Birth Cohort

Though only 1 percent of all live births in 2009-2013 were infants weighing less than 1,000 grams, they accounted for over half (56 percent) of all infant deaths. In total, 8.5 percent of all live births in 2009-2013 were infants of low birthweight (under 2,500 grams), while 74.4 percent of infant deaths were low birthweight.

### Distribution by Birthweight, Delaware Live Birth Cohort, 2009-2013

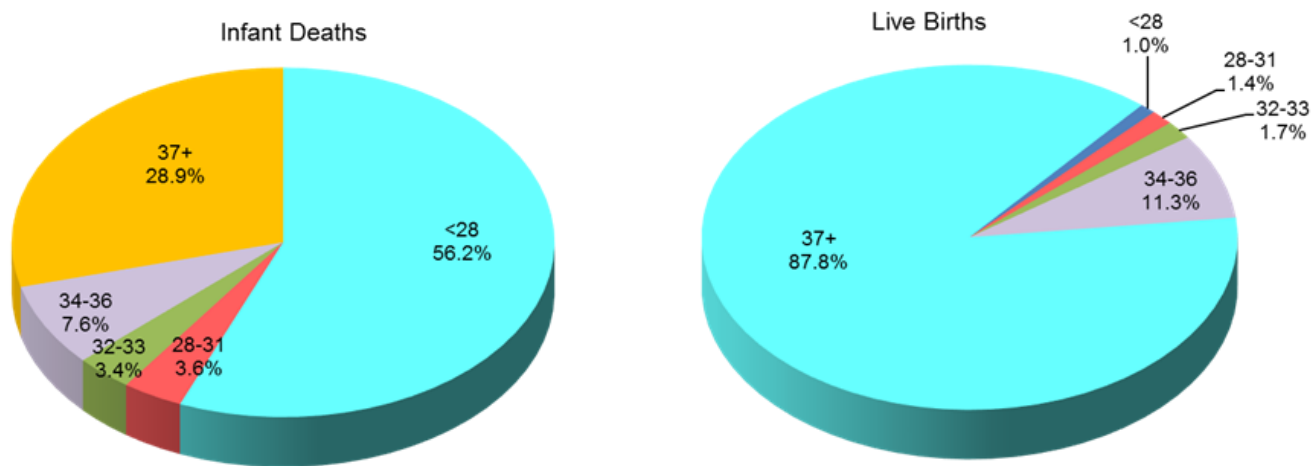


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

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 2009-2013 were less than 28 weeks gestation at birth, but they accounted for 56 percent of all infant deaths. In total, 15 percent of all live births in 2009-2013 were born preterm (<37 weeks of gestation) and 71 percent of infant deaths were born preterm.

### Distribution by Gestation, Delaware Live Birth Cohort, 2009-2013



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



## INFANT MORTALITY - Live Birth Cohort

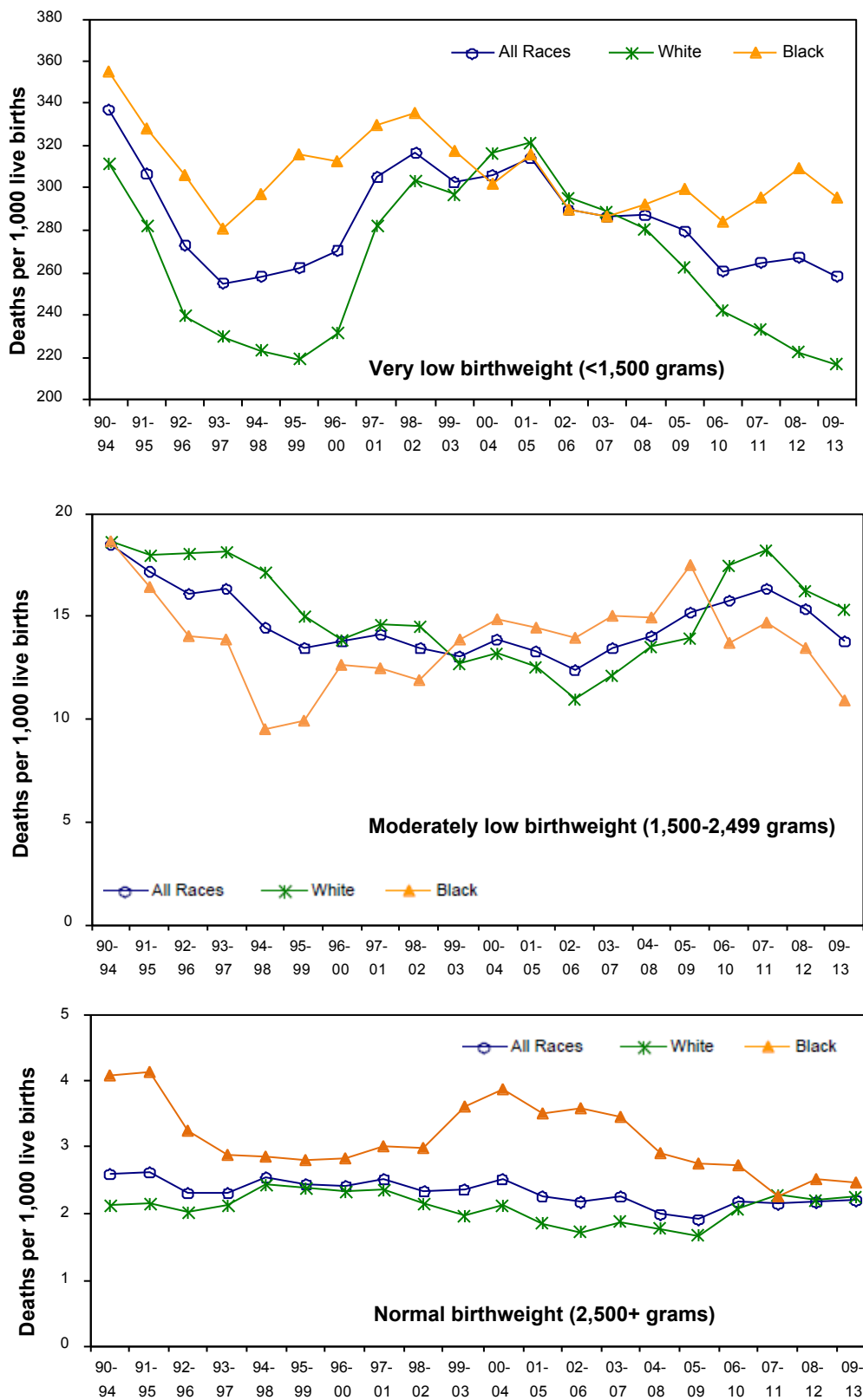
Birthweight and gestation are considered to be the most important predictors of infant health and mortality risk. Infants born too small or too early have a much greater risk of mortality than those who reach a normal birthweight (2,500+ grams) or full-term gestation (37+ weeks).

The IMR for very low birthweight (VLBW) black infants decreased in the most recent year after increasing for two years while the IMR for VLBW white infants decreased for the eighth straight year. In 2009-2013, IMRs for VLBW infants were 217 white infant deaths and 295 black infant deaths per 1,000 live births.

IMRs for moderately low birthweight infants of all races declined 15.3 percent between 2007-2011 and 2009-2013. During that time, white IMRs decreased 15.4 percent while the black IMR decreased by 25.6 percent, making their rates lower than the white rates (10.9 vs 15.4).

The IMR for all races remained the same from 2007-2011 to 2009-2013. IMRs for normal birthweight white infants also remained stable, resulting in no net change since 2000-2004, while the IMRs for black infants declined 36 percent between 2000-2004 and 2009-2013. The divergent movement in black and white rates in 2009-2013 narrowed the black/white disparity ratio; the black IMR for normal birthweight infants was 2.5, versus 2.3 for white infants of normal birthweight.

### Five-year Average Infant Mortality Rate by Birthweight and Race, Delaware, 1990-2013 Live Birth Cohort

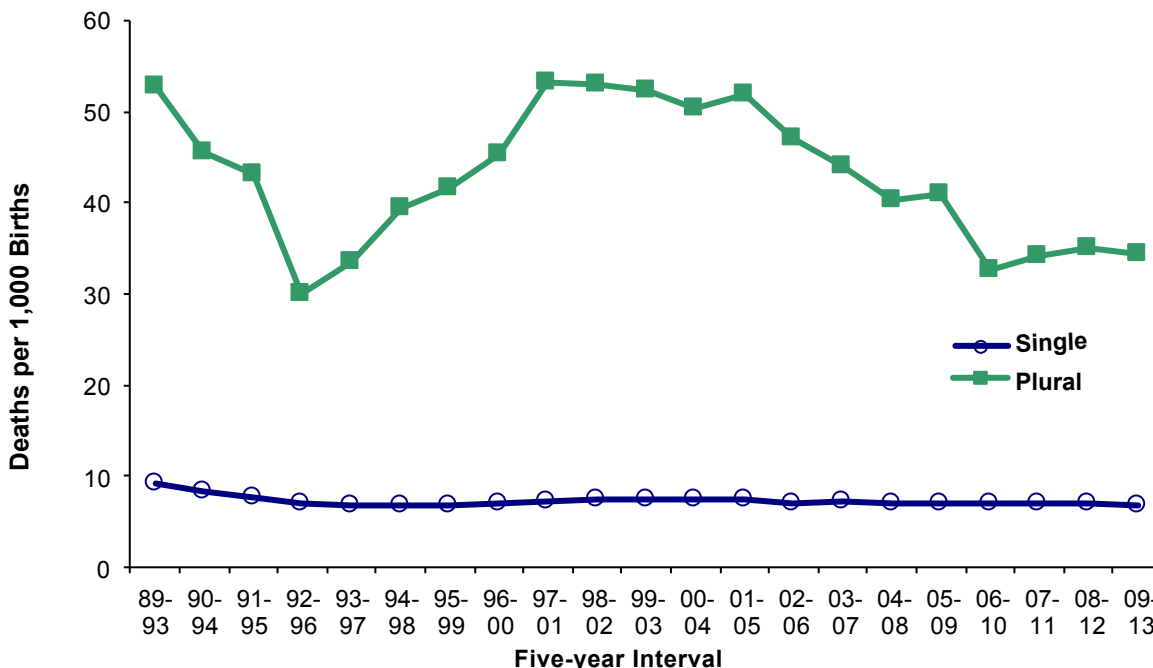


Source: Delaware Health and Social Services, Division of Public Health, Health Statistics Center

## 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 35 percent. IMRs for singleton births experienced a decrease of 8 percent. In 2009-2013, the infant mortality rate for plural births was more than five times that of singleton births (34.5 versus 6.7 infant deaths per 1,000 live births).

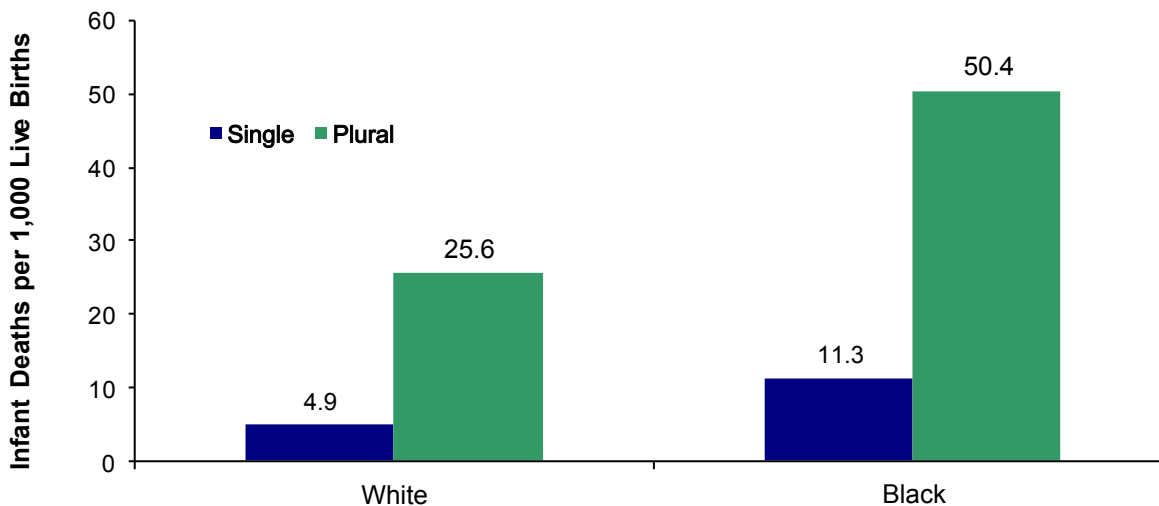
### Five-year Average Infant Mortality Rates by Plurality, Delaware Live Birth Cohort, 1989-2013



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

The magnitude of difference between singleton and plural IMRs remained the same regardless of race, though rates for black infants, both singleton and plural, were nearly double those of white infants.

### Five-year Average Infant Mortality Rates by Plurality and Race, Delaware Live Birth Cohort, 2009-2013



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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1997-2014

Area/ Race	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>																		
All Races	28045	28371	27937	28035	27568	28034	28025	27936	28440	28527	29138	28059	26412	24586	23985	23629	23446	23215
White	18539	18561	18067	18144	17955	18369	18440	18231	18514	18403	18807	18164	16817	15954	15460	15258	15152	14883
Black	8496	8726	8822	8771	8498	8524	8402	8494	8695	8858	8944	8543	8312	7401	7284	7095	6862	7076
Other	1010	1084	1048	1120	1115	1141	1183	1211	1231	1266	1387	1352	1283	1231	1241	1276	1432	1256
<b>Delaware</b>																		
All Races	81	103	81	102	114	96	107	97	106	99	91	101	91	88	98	84	68	74
White	42	54	31	65	60	57	53	51	48	50	52	49	30	47	48	34	30	38
Black	36	49	49	37	53	35	53	44	55	44	38	52	54	36	38	44	34	30
Other	3	0	1	0	1	4	1	2	3	5	1	0	7	5	12	6	4	6
<b>Kent</b>																		
All Races	14	18	10	21	19	27	16	17	21	13	9	18	18	15	17	17	6	13
White	4	13	4	16	10	22	8	8	6	7	4	10	6	12	13	7	5	9
Black	10	5	6	5	9	5	8	8	14	5	4	8	12	3	3	10	1	4
Other	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0
<b>New Castle</b>																		
All Races	48	65	61	67	72	55	78	60	68	68	60	70	57	58	74	58	48	49
White	26	27	22	40	37	30	37	33	35	31	33	32	18	24	29	24	17	22
Black	20	38	38	27	35	22	40	27	31	35	27	38	34	30	34	28	28	21
Other	2	0	1	0	0	3	1	0	2	2	0	0	5	4	11	6	3	6
<b>Wilmington</b>																		
All Races	14	18	20	16	17	12	18	12	18	16	17	19	18	18	17	20	14	14
White	4	2	4	4	2	2	4	4	3	2	3	7	0	4	2	8	2	5
Black	10	16	16	12	15	10	14	8	15	14	14	12	16	13	15	11	11	8
Other	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	1
<b>Balance of NC County</b>																		
All Races	34	47	41	51	55	43	60	48	50	52	43	51	39	40	57	38	34	35
White	22	25	18	36	35	28	33	29	32	29	30	25	18	20	27	16	15	17
Black	10	22	22	15	20	12	26	19	16	21	13	26	18	17	19	17	17	13
Other	2	0	1	0	0	3	1	0	2	2	0	0	3	3	11	5	2	5
<b>Sussex</b>																		
All Races	19	20	10	14	23	14	13	20	17	18	22	13	16	15	7	9	14	12
White	12	14	5	9	13	5	8	10	7	12	15	7	6	11	6	3	8	7
Black	6	6	5	5	9	8	5	9	10	4	7	6	8	3	1	6	5	5
Other	1	0	0	0	1	1	0	1	0	2	0	0	2	1	0	0	1	0

INFANT1

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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1997-2014

Area/ Race	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>																		
All Races	18524	18918	18728	18776	18265	18749	18893	18593	18770	18989	19058	18211	17255	16188	15954	15886	15893*	15720
White	12269	12406	12164	12201	12013	12354	12495	12238	12239	12302	12333	11843	11054	10612	10422	10267	10264*	10170
Black	5637	5824	5920	5843	5585	5646	5640	5495	5740	5876	5842	5523	5374	4769	4719	4610	4647*	4686
Other	618	688	644	732	667	749	758	860	791	811	883	845	827	807	813	1009	982*	864
<b>Delaware</b>																		
All Races	55	74	58	71	82	79	75	63	79	72	65	68	66	58	73	66	47	55
White	26	33	21	45	44	48	36	33	36	36	37	32	19	27	30	25	18	29
Black	27	41	37	26	37	28	38	28	40	33	28	36	40	26	35	35	25	21
Other	2	0	0	0	1	3	1	2	3	3	0	0	7	5	8	6	4	5
<b>Kent</b>																		
All Races	10	9	8	15	15	22	8	11	14	7	6	12	14	11	13	12	3	10
White	1	6	3	11	10	18	3	5	3	4	3	7	4	9	9	4	3	8
Black	9	3	5	4	5	4	5	5	10	3	3	5	10	2	3	8	0	2
Other	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0
<b>New Castle</b>																		
All Races	33	47	44	50	54	47	56	39	54	52	43	48	42	36	57	47	34	37
White	19	15	14	29	27	26	27	21	28	22	23	20	13	9	18	20	9	15
Black	13	32	30	21	27	19	28	18	24	28	20	28	24	23	32	21	22	17
Other	1	0	0	0	0	2	1	0	2	2	0	0	5	4	7	6	3	5
<b>Wilmington</b>																		
All Races	6	12	14	13	14	9	10	9	15	12	10	10	14	10	14	18	11	12
White	3	1	2	4	1	1	1	3	3	1	1	3	0	0	1	8	2	5
Black	3	11	12	9	13	8	9	6	12	11	9	7	12	9	13	9	8	6
Other	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	1
<b>Balance of NC County</b>																		
All Races	27	35	30	37	40	38	46	30	39	40	33	38	28	26	43	29	23	25
White	16	14	12	25	26	25	26	18	25	21	22	17	13	9	17	12	7	10
Black	10	21	18	12	14	11	19	12	12	17	11	21	12	14	19	12	14	11
Other	1	0	0	0	0	2	1	0	2	2	0	0	3	3	7	5	2	4
<b>Sussex</b>																		
All Races	12	18	6	6	13	10	11	13	11	13	16	8	10	11	3	7	10	8
White	6	12	4	5	7	4	6	7	5	10	11	5	2	9	3	1	6	6
Black	5	6	2	1	5	5	5	5	6	2	5	3	6	1	0	6	3	2
Other	1	0	0	0	1	1	0	1	0	1	0	0	2	1	0	0	1	0

INFANT2

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

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

TABLE E-3  
NUMBER OF POSTNEONATAL DEATHS BY RACE

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1997-2014

Area/ Race	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>																		
All Races	9521	9453	9209	9259	9303	9285	9132	9343	9670	9538	10080	9848	9157	8398	8031	7743	7553*	7495
White	6270	6155	5903	5943	5942	6015	5945	5993	6275	6101	6474	6321	5763	5342	5038	4991	4888*	4713
Black	2859	2902	2902	2928	2913	2878	2762	2999	2955	2982	3102	3020	2938	2632	2565	2485	2215*	2390
Other	392	396	404	388	448	392	425	351	440	455	504	507	456	424	428	267	450*	392
<b>Delaware</b>																		
All Races	26	29	23	31	32	17	32	34	27	27	26	33	25	30	25	18	21	19
White	16	21	10	20	16	9	17	18	12	14	15	17	11	20	18	9	12	9
Black	9	8	12	11	16	7	15	16	15	11	10	16	14	10	3	9	9	9
Other	1	0	1	0	0	1	0	0	0	2	1	0	0	0	4	0	0	1
<b>Kent</b>																		
All Races	4	9	2	6	4	5	8	6	7	6	3	6	4	4	4	5	3	3
White	3	7	1	5	0	4	5	3	3	3	1	3	2	3	4	3	2	1
Black	1	2	1	1	4	1	3	3	4	2	1	3	2	1	0	2	1	2
Other	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
<b>New Castle</b>																		
All Races	15	18	17	17	18	8	22	21	14	16	17	22	15	22	17	11	14	12
White	7	12	8	11	10	4	10	12	7	9	10	12	5	15	11	4	8	7
Black	7	6	8	6	8	3	12	9	7	7	7	10	10	7	2	7	6	4
Other	1	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	1
<b>Wilmington</b>																		
All Races	8	6	6	3	3	3	8	3	3	4	7	9	4	8	3	2	3	2
White	1	1	2	0	1	1	3	1	0	1	2	4	0	4	1	0	0	0
Black	7	5	4	3	2	2	5	2	3	3	5	5	4	4	2	2	3	2
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	7	12	11	14	15	5	14	18	11	12	10	13	11	14	14	9	11	10
White	6	11	6	11	9	3	7	11	7	8	8	8	5	11	10	4	8	7
Black	0	1	4	3	6	1	7	7	4	4	2	5	6	3	0	5	3	2
Other	1	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	1
<b>Sussex</b>																		
All Races	7	2	4	8	10	4	2	7	6	5	6	5	6	4	4	2	4	4
White	6	2	1	4	6	1	2	3	2	2	4	2	4	2	3	2	2	1
Black	1	0	3	4	4	3	0	4	4	2	2	3	2	2	1	0	2	3
Other	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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

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

TABLE E-4  
FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE  
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1994-2014

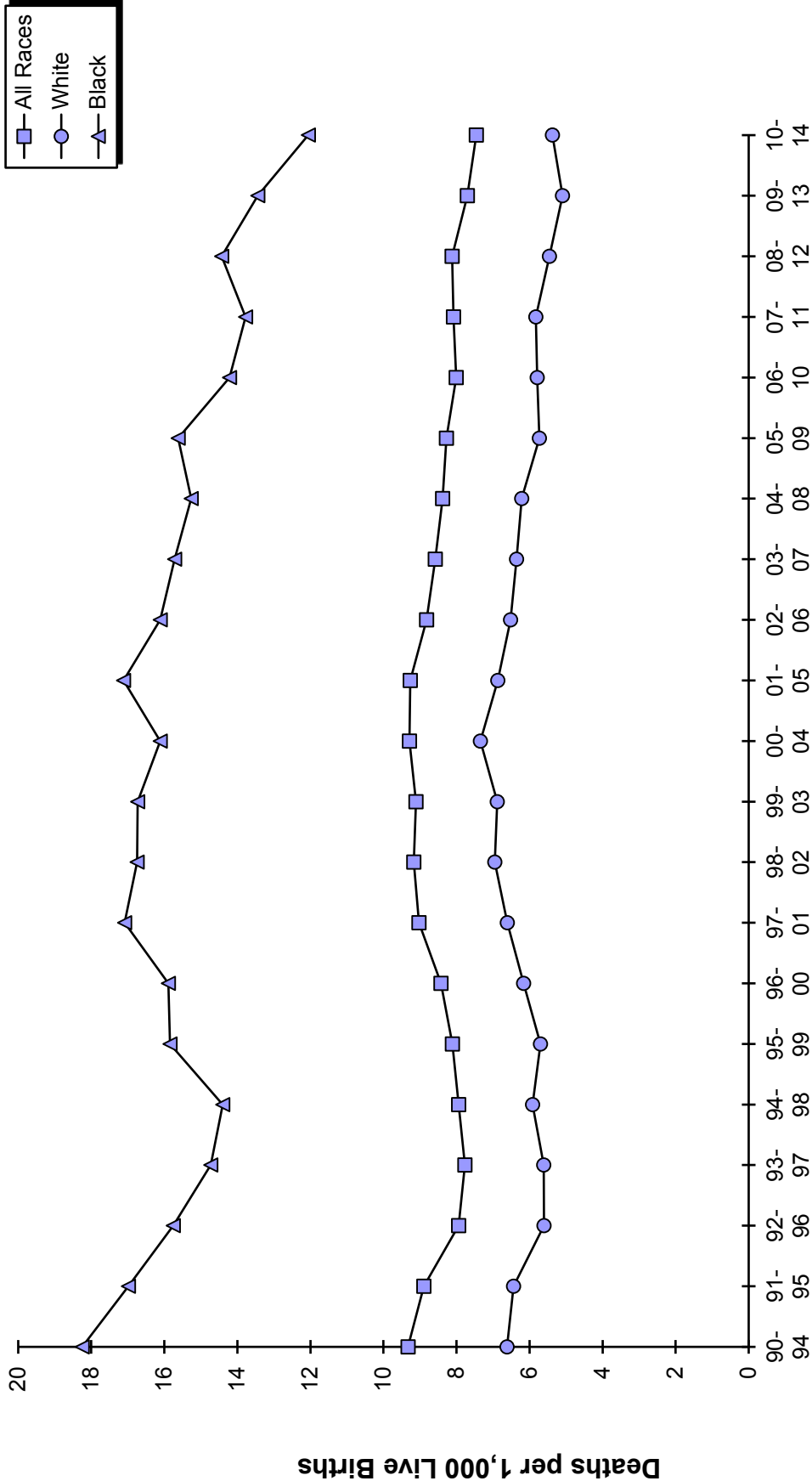
Area/ Race	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014
<b>U.S.</b>																	
All Races	7.5	7.3	7.1	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.5	6.4	6.2	6.1	6.0
White	6.2	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
Black	14.8	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
<b>Delaware</b>																	
All Races	7.9	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
White	5.9	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
Black	14.4	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
<b>Kent</b>																	
All Races	9.0	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
White	7.1	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
Black	15.9	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
<b>New Castle</b>																	
All Races	7.3	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
White	4.8	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
Black	15.1	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
<b>Wilmington</b>																	
All Races	12.8	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
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.8	---	10.1
Black	16.8	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
<b>Balance of NC County</b>																	
All Races	6.0	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
White	4.7	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
Black	13.6	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
<b>Sussex</b>																	
All Races	9.5	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
White	8.9	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
Black	10.4	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

INFANT14

**Notes:**  
1. 2010-2014 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, 1990-2014**

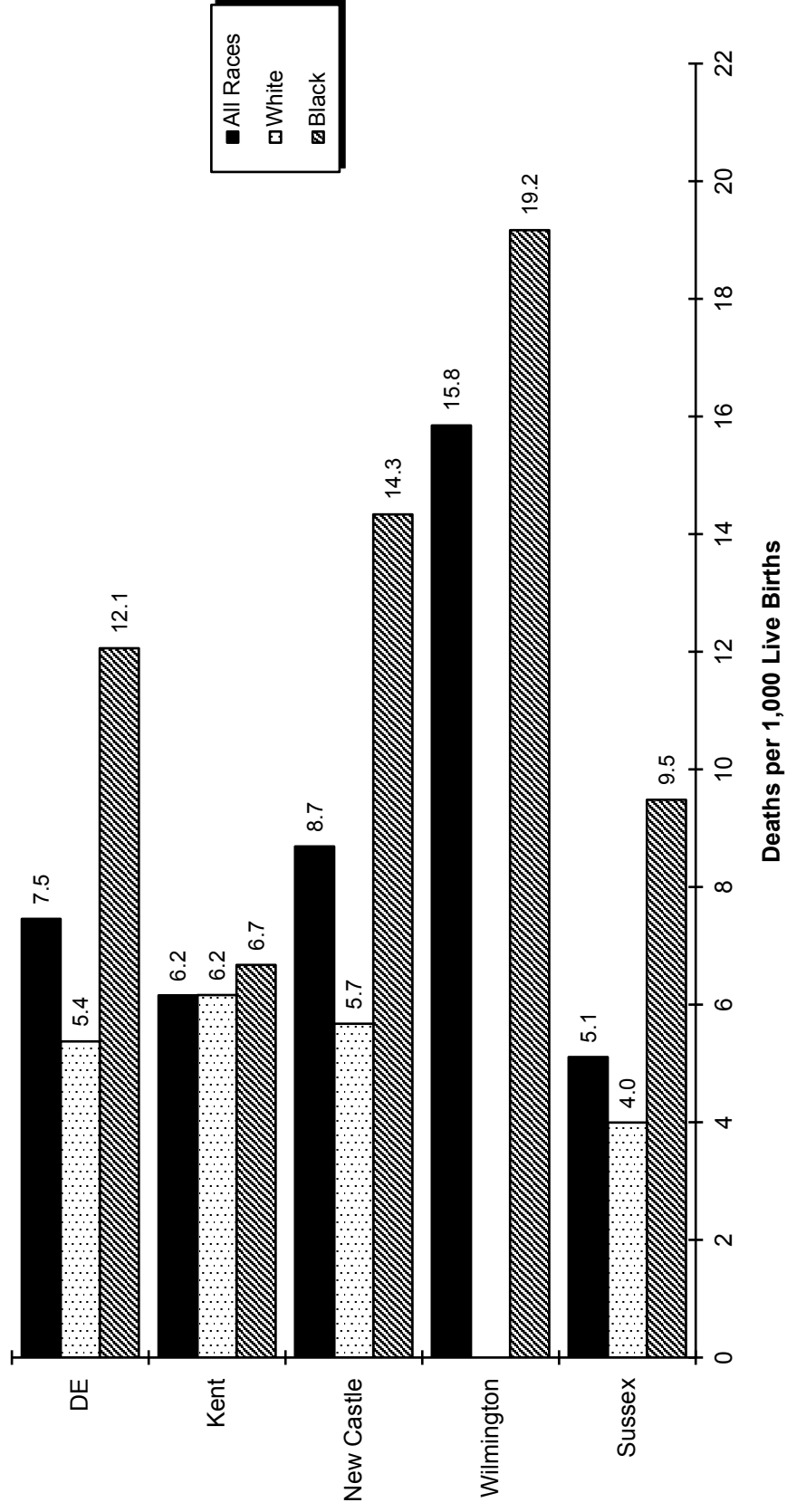


**Five-Year Intervals**

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, 2010-2014**



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

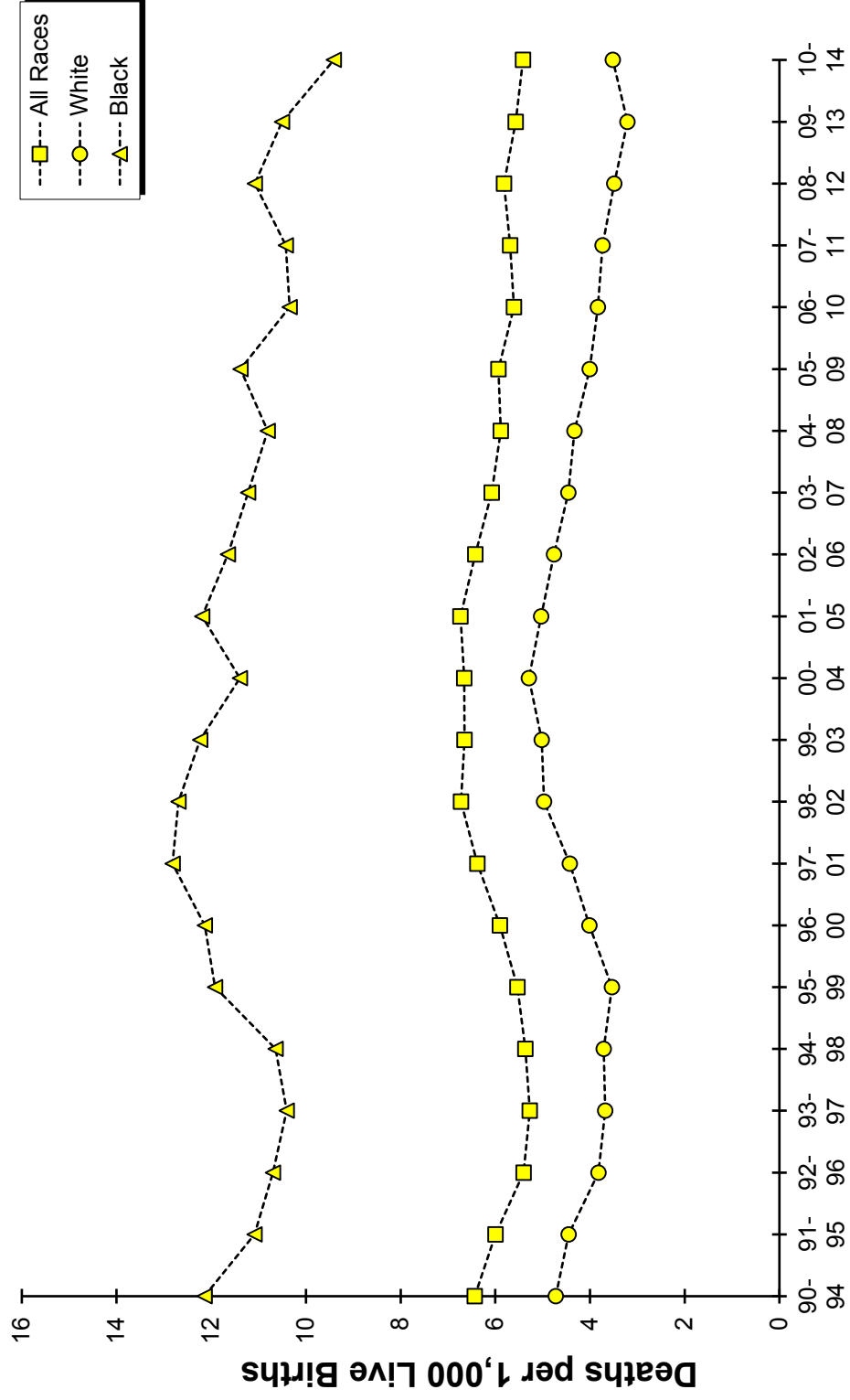
TABLE E-5  
 FIVE-YEAR AVERAGE NEONATAL MORTALITY RATES BY RACE  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1994-2014

Area/ 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>U.S.</b>																	
All Races	4.9	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
White	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.4
Black	9.7	9.6	9.5	9.5	9.5	9.5	9.3	9.2	9.1	9.0	8.7	8.6	8.3	8.0	7.7	7.5	7.4
<b>Delaware</b>																	
All Races	5.4	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+
White	3.7	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
Black	10.6	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+
<b>Kent</b>																	
All Races	5.4	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
White	3.4	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
Black	12.1	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	5.0	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
White	3.1	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
Black	10.8	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
<b>Wilmington</b>																	
All Races	8.0	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
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	10.2	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
<b>Balance of NC County</b>																	
All Races	4.3	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
White	3.1	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
Black	11.4	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
<b>Sussex</b>																	
All Races	6.8	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
White	6.2	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
Black	---	---	---	---	---	---	9.9	12.1	10.8	10.3	9.3	9.8	---	---	---	---	---

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

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

**Figure E-3**  
**Five-Year Average Neonatal Mortality Rates by Race**  
**Delaware, 1990-2014**



**Five-Year Intervals**

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

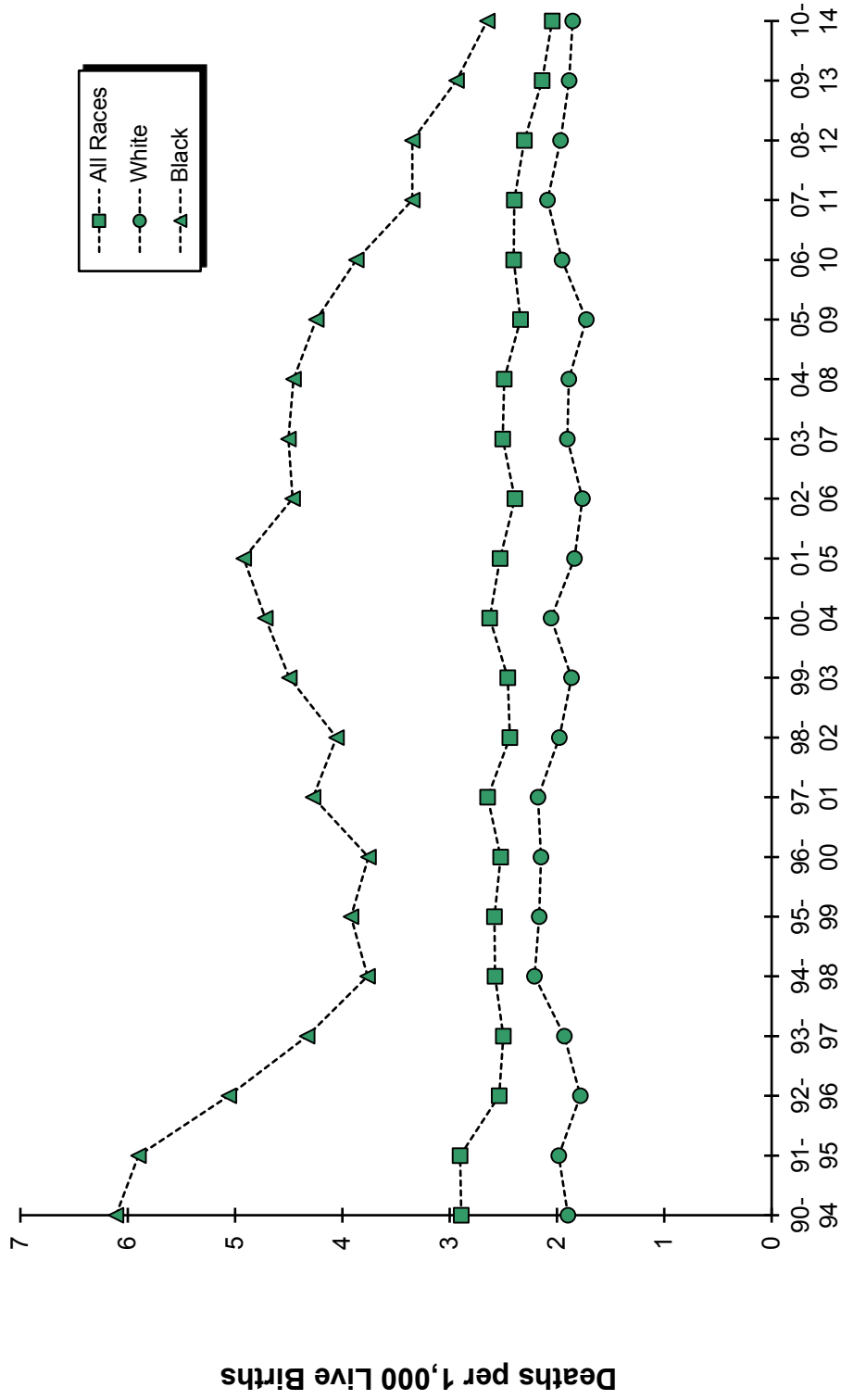
TABLE E-6  
 FIVE-YEAR AVERAGE POSTNEONATAL MORTALITY RATES BY RACE  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1994-2014

Area/ 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>U.S.</b>																	
All Races	2.6	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
White	2.1	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
Black	5.1	5.0	4.8	4.8	4.7	4.7	4.8	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.2	4.0	3.9
<b>Delaware</b>																	
All Races	2.6	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
White	2.2	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
Black	3.8-	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-
<b>Kent</b>																	
All Races	3.6	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	---
White	3.7	---	2.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>New Castle</b>																	
All Races	2.3	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
White	1.7	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
Black	4.3	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
Wilmington																	
All Races	4.8	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	6.6	6.3	6.2	5.5	---	---	---	---	---	---	---	5.1	5.5	5.5	---	---	---
Balance of NC County																	
All Races	1.7	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
White	1.6	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
Black	---	---	---	---	---	4.0	4.4	4.4	4.0	4.0	3.5	3.3	3.1	---	---	---	---
<b>Sussex</b>																	
All Races	2.7	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	---
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes: 1. 2006-2010 U.S. data are based on NCHS estimates.  
 2. Postneonatal mortality rates represent the number of deaths of children 28 to 364 days of age per 1000 live births.  
 3. '-' indicates that the Delaware rate is significantly lower than the U.S. rate.  
 4. "..." indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.  
 5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

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

**Figure E-4**  
**Five-Year Average Postneonatal Mortality Rates by Race**  
**Delaware, 1990-2014**



**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, 2009-2013 LIVE BIRTH COHORT

Risk Factor	Race		
	All Races	White	Black
<b>Birth Weight of Child</b>			
<2500	64.6	50.1	83.1
<1500	258.6	216.6	295.4
1500-2499	13.8	15.4	---
2500+	2.2	2.3	2.5
<b>Age of Mother</b>			
<20	9.6	8.1	11.5
20-24	8.3	6.2	11.7
25-29	7.2	5.3	12.5
30+	7.0	5.0	14.9
<b>Marital Status of Mother</b>			
Married	5.5	4.7	10.2
Single	9.9	6.9	13.9
<b>Education of Mother</b>			
<12 years	7.1	5.4	11.7
H.S. diploma	11.3	7.8	16.5
1+ years college	5.7	4.6	9.6
<b>Interval Since Last Live Birth</b>			
<18 months	9.5	---	14.1
18+ months	5.1	4.3	7.5

COHRATES

**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, 2009-2013 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	103	0	2	1	106	97.2	97.2
Congenital malformations, deformations, and chromosomal abnormalities	7	23	34	0	64	10.9	46.9
Sudden infant death syndrome	2	8	34	0	44	4.5	22.7
Newborn affected by maternal complications of pregnancy	42	0	0	0	42	100.0	100.0
Newborn affected by complications of placenta, cord, and membranes	20	1	0	0	21	95.2	100.0
Diseases of the circulatory system	1	3	9	0	13	7.7	30.8
Respiratory distress of newborn	12	1	2	0	15	80.0	86.7
Atelectasis	3	0	0	0	3	100.0	100.0
Accidents (unintentional injuries)	1	0	6	0	7	14.3	14.3
Bacterial sepsis of newborn	5	0	2	0	7	71.4	71.4
Intrauterine hypoxia and birth asphyxia	5	0	2	1	8	62.5	62.5
Neonatal hemorrhage	3	0	0	0	3	100.0	100.0
Septicemia	2	0	1	0	3	66.7	66.7
Diarrhea and gastroenteritis of infectious origin	7	0	1	0	8	87.5	87.5
Gastritis, duodenitis, and noninfective enteritis and colitis	0	1	0	0	1	0.0	100.0
Newborn affected by other complications of labor and delivery	4	0	0	0	4	100.0	100.0
Renal failure and other disorders of kidney period	1	0	0	0	1	100.0	100.0
Necrotizing enterocolitis of newborn	2	0	0	0	2	100.0	100.0
Assault (homicide)	0	0	4	0	4	0.0	0.0
All other causes	26	10	27	1	64	40.6	56.3
<b>TOTAL</b>	<b>248</b>	<b>47</b>	<b>124</b>	<b>3</b>	<b>422</b>	<b>58.8</b>	<b>69.9</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

INFLCOD

TABLE E-9  
FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS

DELAWARE LIVE BIRTH COHORT, 1994-2013

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
<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
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
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
<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
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
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
<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
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
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
<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
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
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
<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
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
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
<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
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
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
<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
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
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
<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
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
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
<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
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
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
<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
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
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



TABLE E-9 (continued)  
 FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK  
 MARKERS

DELAWARE LIVE BIRTH COHORT, 1993-2013

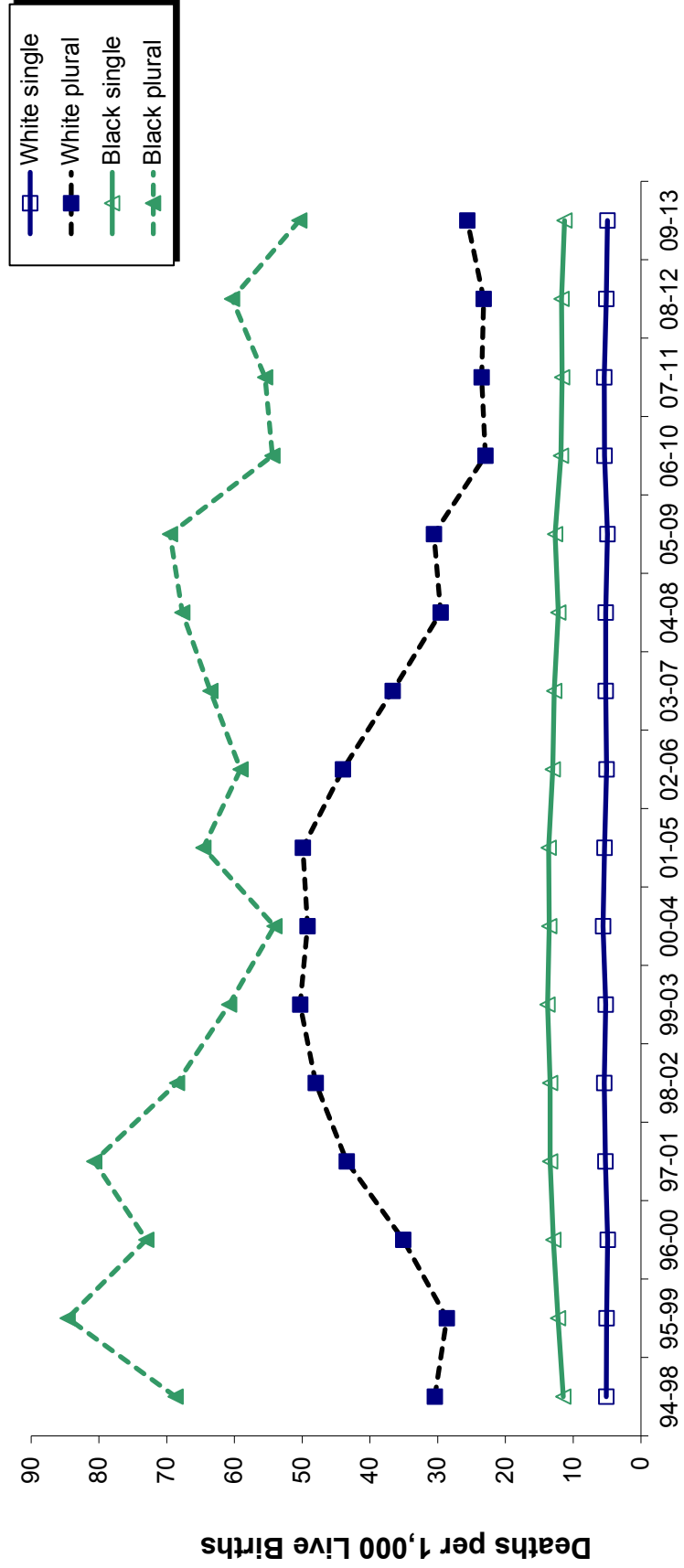
Parameter/ Race	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013
<b>EDUCATION</b>																	
<b>HS Grad or less</b>																	
All Races	9.4	9.9	10.4	10.3	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
White	7.2	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
Black	14.3	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
<b>1+ yrs college</b>																	
All Races	4.9	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
White	3.9	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
Black	10.2	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
<b>PAYMENT FOR DELIVERY</b>																	
<b>Medicaid</b>																	
All Races	10.0	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
White	7.9	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
Black	12.9	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
<b>Private Insurance</b>																	
All Races	5.3	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
White	4.2	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
Black	11.6	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

COTREND

- 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

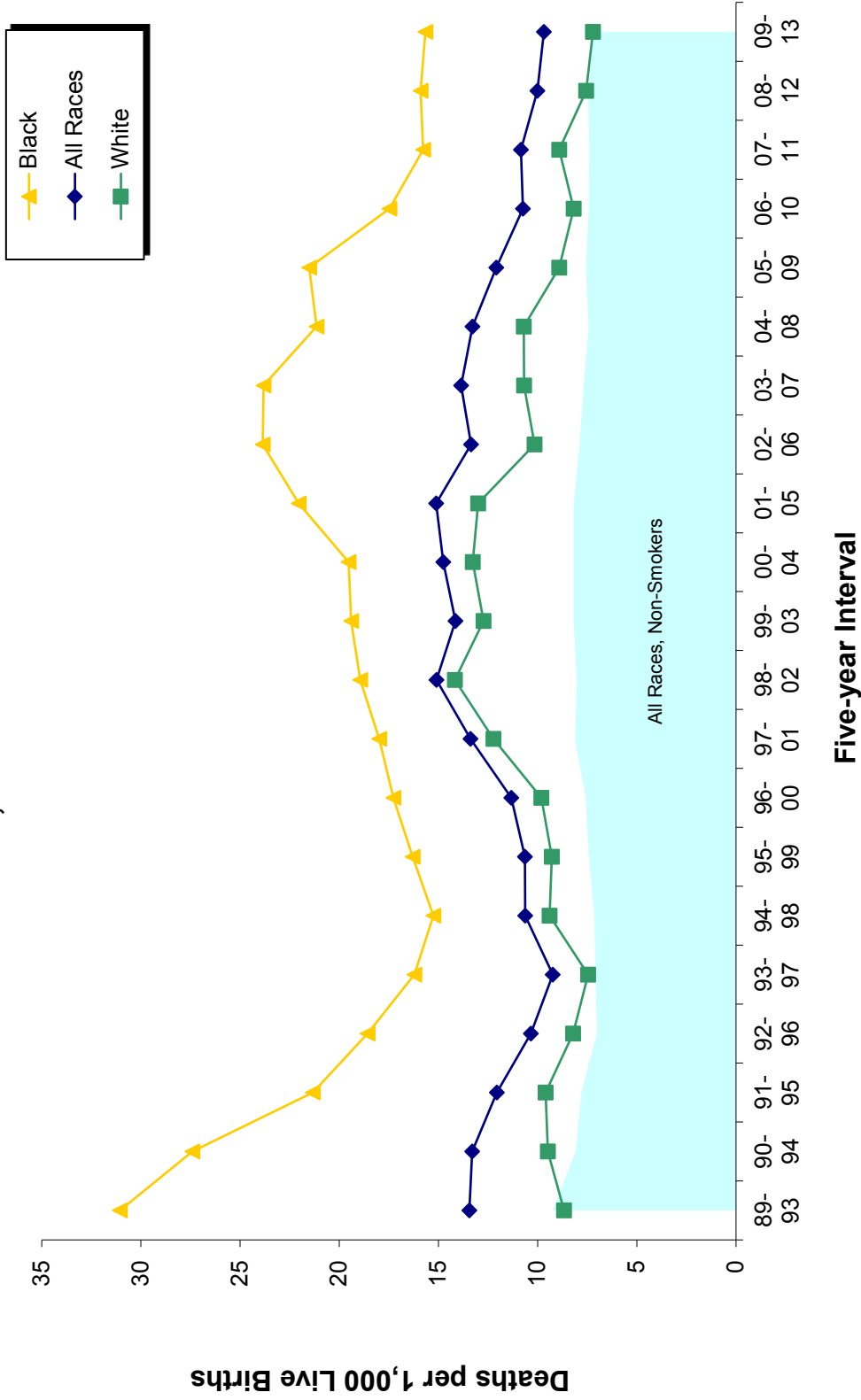
**Figure E-5**  
**Five-year Average Infant Mortality Rates by Race and Plurality**  
**Delaware, 1994-2013 Live Birth Cohort**



**Five-year Interval**

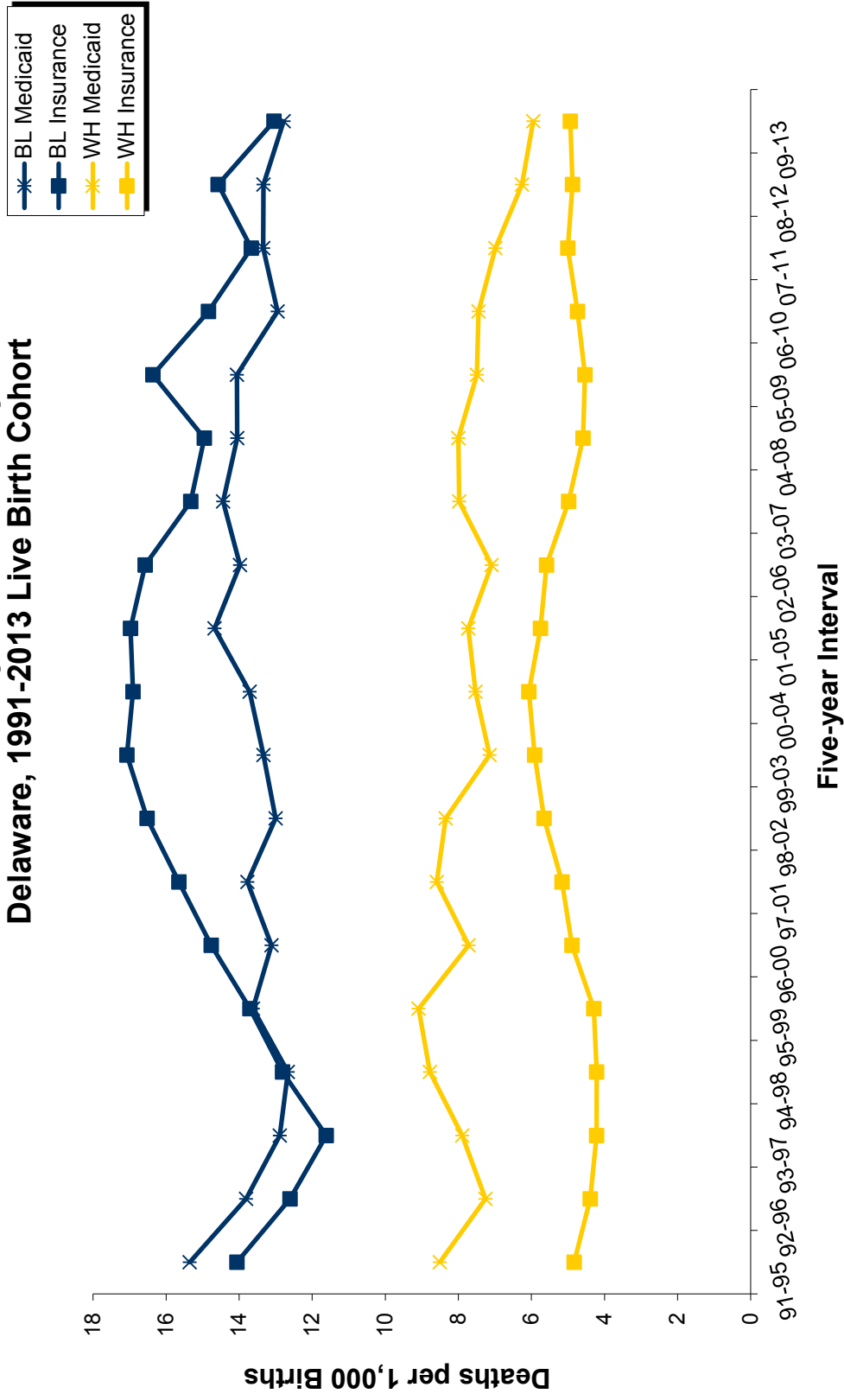
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure E-6**  
**Five-year Average Infant Mortality Rates by Race of Mothers who Smoked during**  
**Pregnancy versus all Non-smoking Mothers**  
**Delaware, 1989-2013 Live Birth Cohort**



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

**Figure E-7**  
**Five-year Average Infant Mortality Rates by Race and**  
**Source of Payment for Delivery**  
**Delaware, 1991-2013 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, 2009-2013 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>	422	232	190	207	106	101	197	113	84	18	13
<2500	307	180	127	126	74	52	164	94	70	17	12
<1500	255	155	100	94	59	35	148	87	61	13	9
<500	123	67	56	34	16	18	80	45	35	9	6
500-999	114	76	38	47	33	14	63	40	23	4	3
1000-1499	18	12	6	13	10	3	5	2	3	0	0
1500-1999	25	14	11	17	10	7	6	3	3	2	1
2000-2499	27	11	16	15	5	10	10	4	6	2	2
2500+	112	50	62	78	30	48	33	19	14	1	1
2500-2999	43	18	25	29	13	16	13	4	9	1	1
3000-3499	39	17	22	25	7	18	14	10	4	0	0
3500-3999	25	12	13	20	8	12	5	4	1	0	0
4000-4499	5	3	2	4	2	2	1	1	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	3	2	1	3	2	1	0	0	0	0	0
<b>Single Births</b>	358	197	161	177	89	88	166	97	69	15	11
<2500	250	147	103	102	59	43	134	78	56	14	10
<1500	201	124	77	72	46	26	119	71	48	10	7
<500	97	52	45	28	13	15	63	35	28	6	4
500-999	91	64	27	36	27	9	51	34	17	4	3
1000-1499	13	8	5	8	6	2	5	2	3	0	0
1500-1999	24	13	11	16	9	7	6	3	3	2	1
2000-2499	25	10	15	14	4	10	9	4	5	2	2
2500+	105	48	57	72	28	44	32	19	13	1	1
2500-2999	40	17	23	27	12	15	12	4	8	1	1
3000-3499	36	16	20	22	6	16	14	10	4	0	0
3500-3999	24	12	12	19	8	11	5	4	1	0	0
4000-4499	5	3	2	4	2	2	1	1	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	3	2	1	3	2	1	0	0	0	0	0
<b>Plural Births</b>	64	35	29	30	17	13	31	16	15	3	2
<2500	57	33	24	24	15	9	30	16	14	3	2
<1500	54	31	23	22	13	9	29	16	13	3	2
<500	26	15	11	6	3	3	17	10	7	3	2
500-999	23	12	11	11	6	5	12	6	6	0	0
1000-1499	5	4	1	5	4	1	0	0	0	0	0
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+	7	2	5	6	2	4	1	0	1	0	0
2500-2999	3	1	2	2	1	1	1	0	1	0	0
3000-3499	3	1	2	3	1	2	0	0	0	0	0
3500-3999	1	0	1	1	0	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

PLBWRCSX

**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, 2009-2013 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>	306	182	124	128	73	55	160	96	64	18	13
<2500	265	157	108	101	59	42	147	86	61	17	12
<1500	236	143	93	85	52	33	138	82	56	13	9
<500	123	67	56	34	16	18	80	45	35	9	6
500-999	99	66	33	40	27	13	55	36	19	4	3
1000-1499	14	10	4	11	9	2	3	1	2	0	0
1500-1999	15	9	6	8	5	3	5	3	2	2	1
2000-2499	14	5	9	8	2	6	4	1	3	2	2
2500+	39	23	16	25	12	13	13	10	3	1	1
2500-2999	16	11	5	11	7	4	4	3	1	1	1
3000-3499	12	5	7	6	1	5	6	4	2	0	0
3500-3999	8	6	2	5	3	2	3	3	0	0	0
4000-4499	3	1	2	3	1	2	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	2	2	0	2	2	0	0	0	0	0	0
<b>Single Births</b>	250	150	100	103	59	44	132	80	52	15	11
<2500	213	127	86	80	47	33	119	70	49	14	10
<1500	184	113	71	64	40	24	110	66	44	10	7
<500	97	52	45	28	13	15	63	35	28	6	4
500-999	77	54	23	29	21	8	44	30	14	4	3
1000-1499	10	7	3	7	6	1	3	1	2	0	0
1500-1999	15	9	6	8	5	3	5	3	2	2	1
2000-2499	14	5	9	8	2	6	4	1	3	2	2
2500+	35	21	14	21	10	11	13	10	3	1	1
2500-2999	15	10	5	10	6	4	4	3	1	1	1
3000-3499	9	4	5	3	0	3	6	4	2	0	0
3500-3999	8	6	2	5	3	2	3	3	0	0	0
4000-4499	3	1	2	3	1	2	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	2	2	0	2	2	0	0	0	0	0	0
<b>Plural Births</b>	56	32	24	25	14	11	28	16	12	3	2
<2500	52	30	22	21	12	9	28	16	12	3	2
<1500	52	30	22	21	12	9	28	16	12	3	2
<500	26	15	11	6	3	3	17	10	7	3	2
500-999	22	12	10	11	6	5	11	6	5	0	0
1000-1499	4	3	1	4	3	1	0	0	0	0	0
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

NEOPLBW

**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

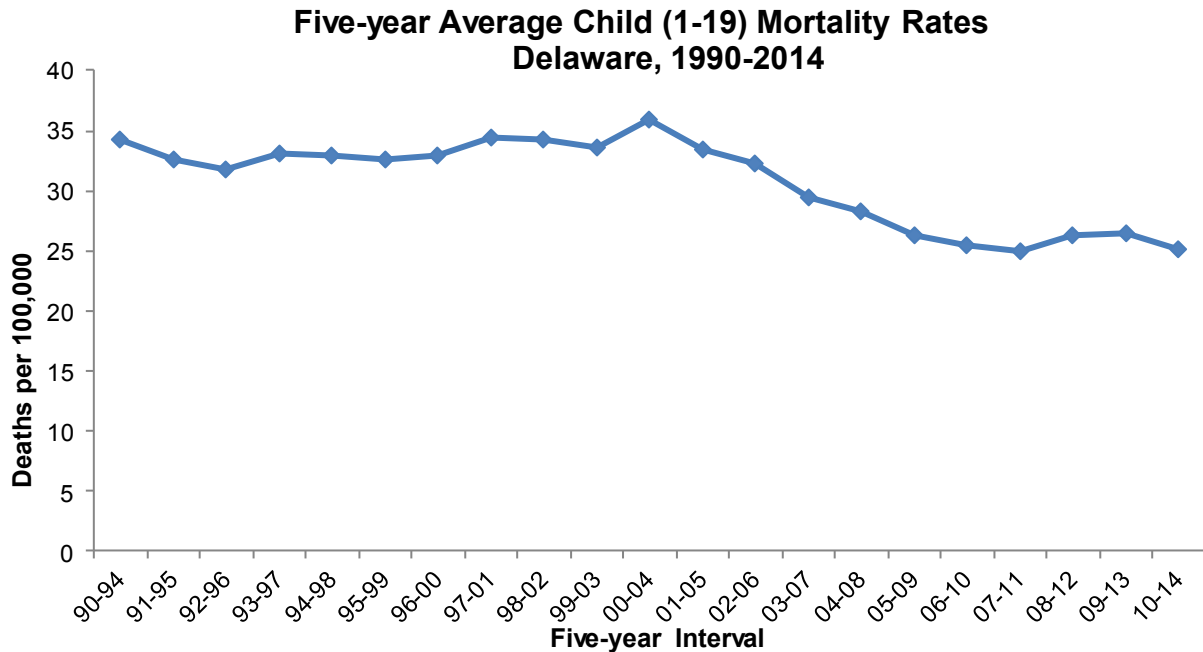


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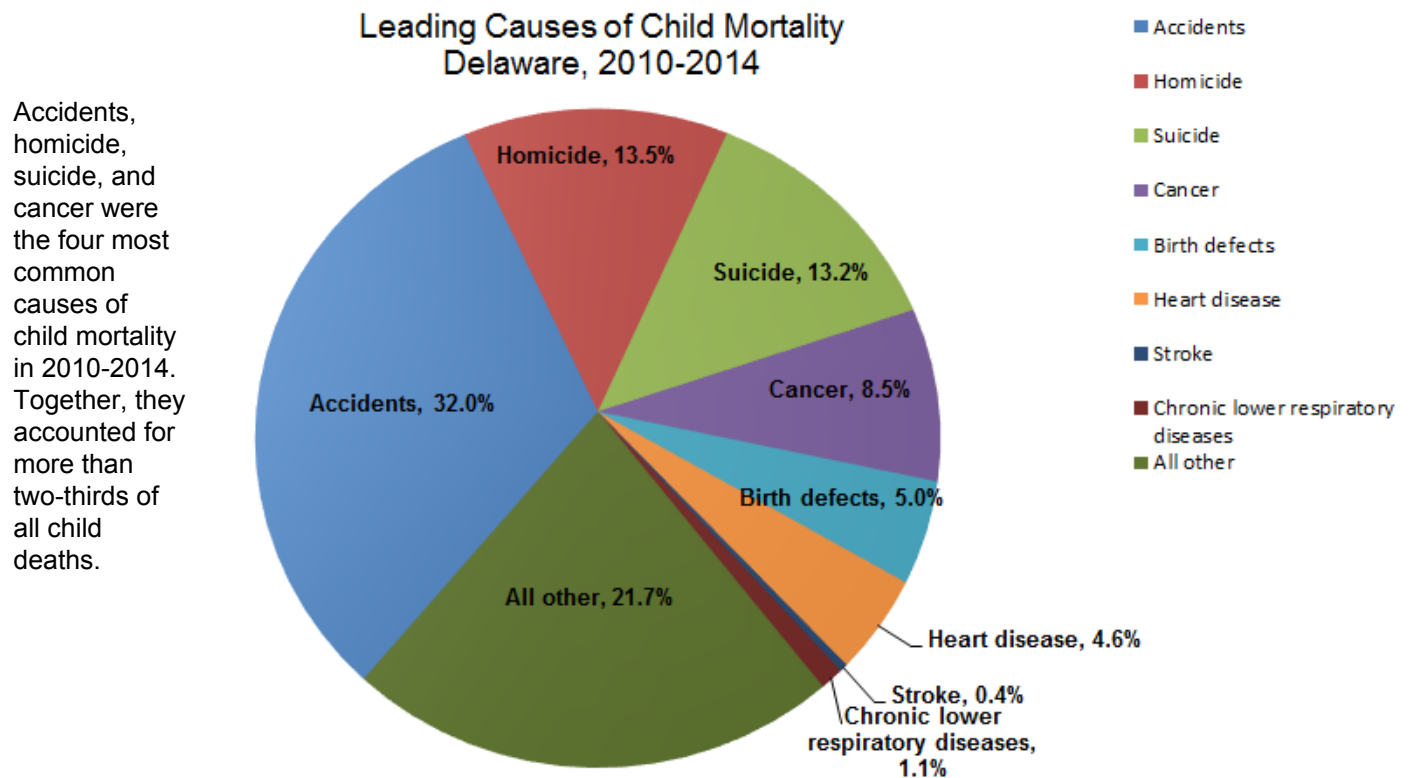
## CHILD MORTALITY

From 2010 to 2014, 281 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 64 percent of all child deaths in 2010-2014.

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 decreased 30 percent, to 25 deaths per 100,000 children.



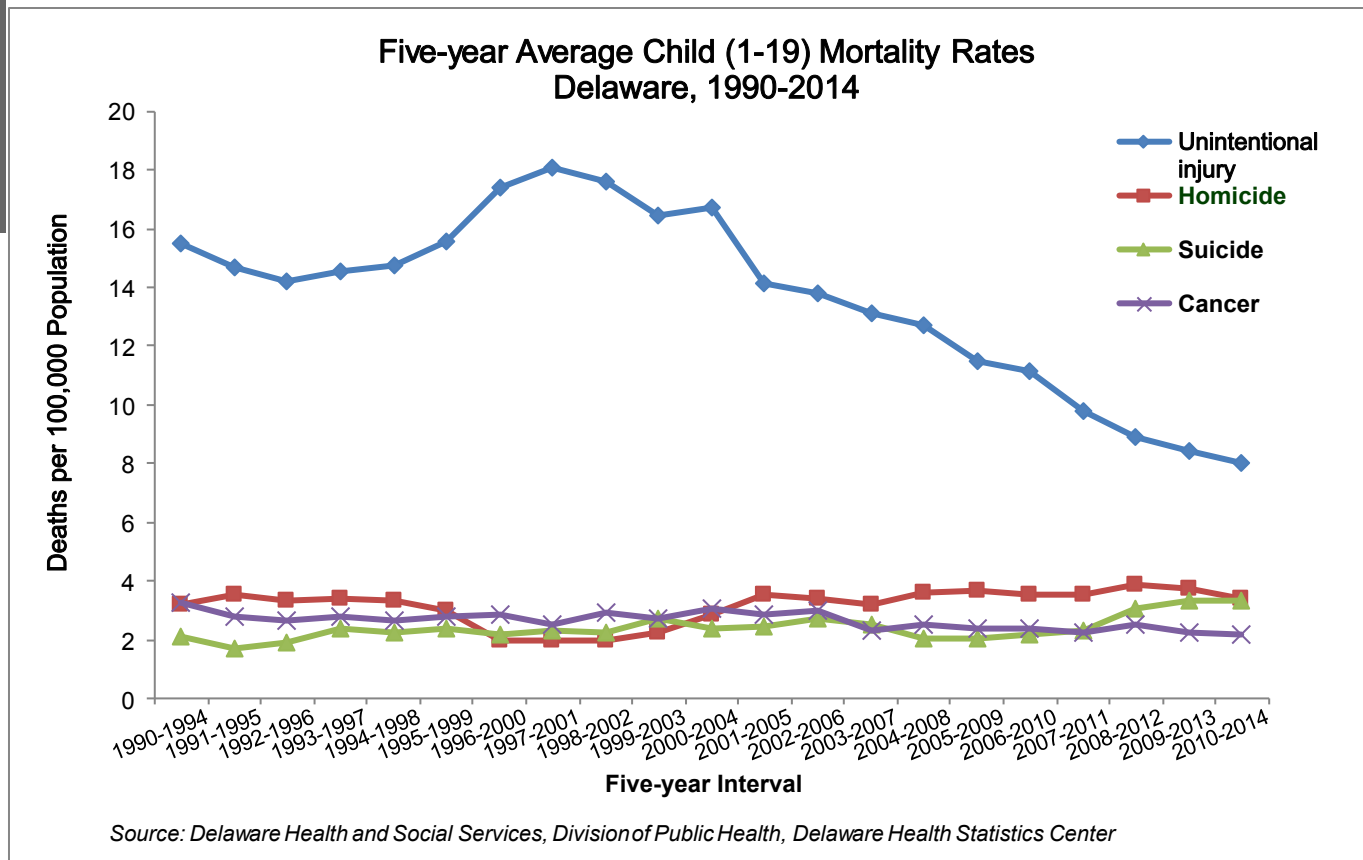
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center



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

## CHILD MORTALITY

From 2001-2005 to 2010-2014, rates for three of the four leading causes of child mortality declined. Unintentional injury mortality rates declined 43 percent; cancer mortality rates fell 25 percent; and homicide mortality rates decreased 6 percent. Suicide mortality rates increased 32 percent to 3.3 deaths per 100,000 children.



The most common causes of child deaths in 2010-2014 are:

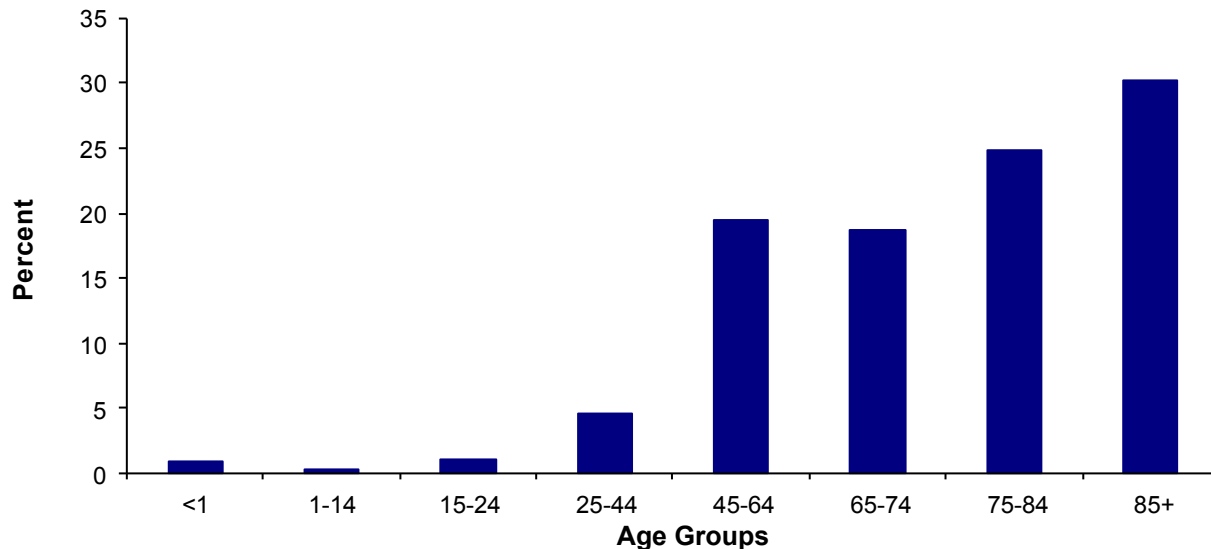
- Motor vehicle crashes accounted for 57 percent of all deaths due to unintentional injuries. The second and third most common causes of unintentional injury deaths of children were poisoning and drowning, which accounted for 16 and 11 percent of deaths, respectively.
- Most child homicides were due to firearms (74 percent) and fire/burning (8 percent).
- The majority of child cancer deaths were due to brain cancer (42 percent) and leukemia (25 percent).
- Suffocation, followed by firearms, were the most common methods of suicide, and accounted for 49 and 32 percent of the total suicide deaths.

## MORTALITY

More Delaware residents died in 2014 than in 2013. A total of 8,252 residents died, 74 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 47 percent of all deaths in 2014.

- Thirty percent of the Delawareans who died in 2014 were 85 or older. Deaths of those 75 and older accounted for more than half of all deaths.

### Percent of Deaths by Age Delaware, 2014



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

- A Delaware resident born in 2014 could expect to live an average of 79.6 years.
- Life expectancy at birth varied by race and sex; white females had the highest life expectancy (82.5 years) while black males had the lowest (73.8 years).
- In 1989, 80 percent of Delaware decedents were buried and 15 percent were cremated. By 2014, the distribution had shifted: 49 percent of decedents were buried and 46 percent were cremated.
- In 2014, the 10 leading causes of death for residents of all ages changed slightly from the top 10 in 2013. Septicemia moved down into the tenth leading cause of death, whereas influenza moved up to the ninth leading cause of death.

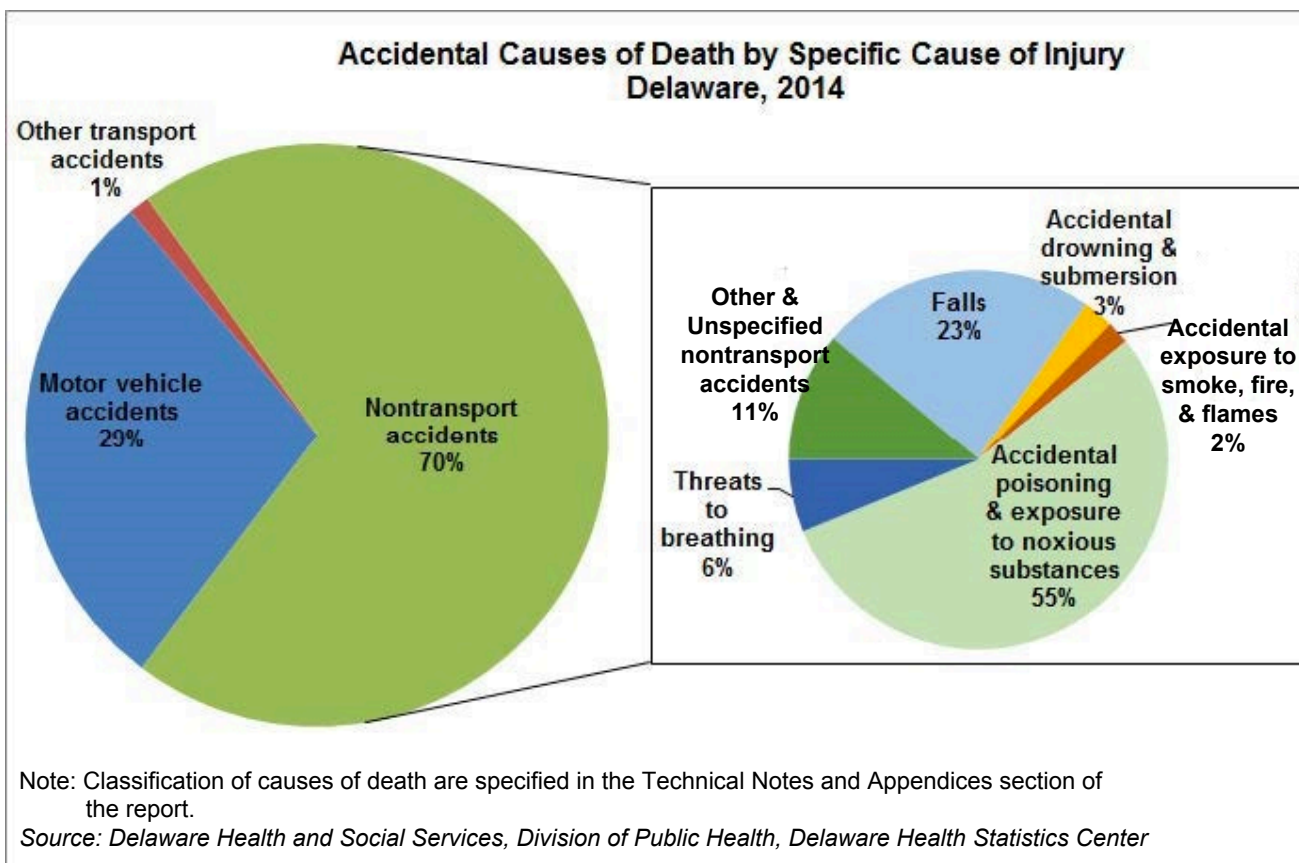
### Number of Deaths by Leading Cause, Delaware, 2014

Rank	Leading Cause of Death	Number
1	Malignant neoplasms	1,972
2	Diseases of heart	1,917
3	Chronic lower respiratory diseases	458
4	Cerebrovascular diseases	439
5	Accidents (unintentional injuries)	436
6	Diabetes mellitus	226
7	Alzheimer's disease	188
8	Nephritis, nephrotic syndrome & nephrosis	172
9	Influenza & pneumonia	156
10	Septicemia	136

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

## MORTALITY

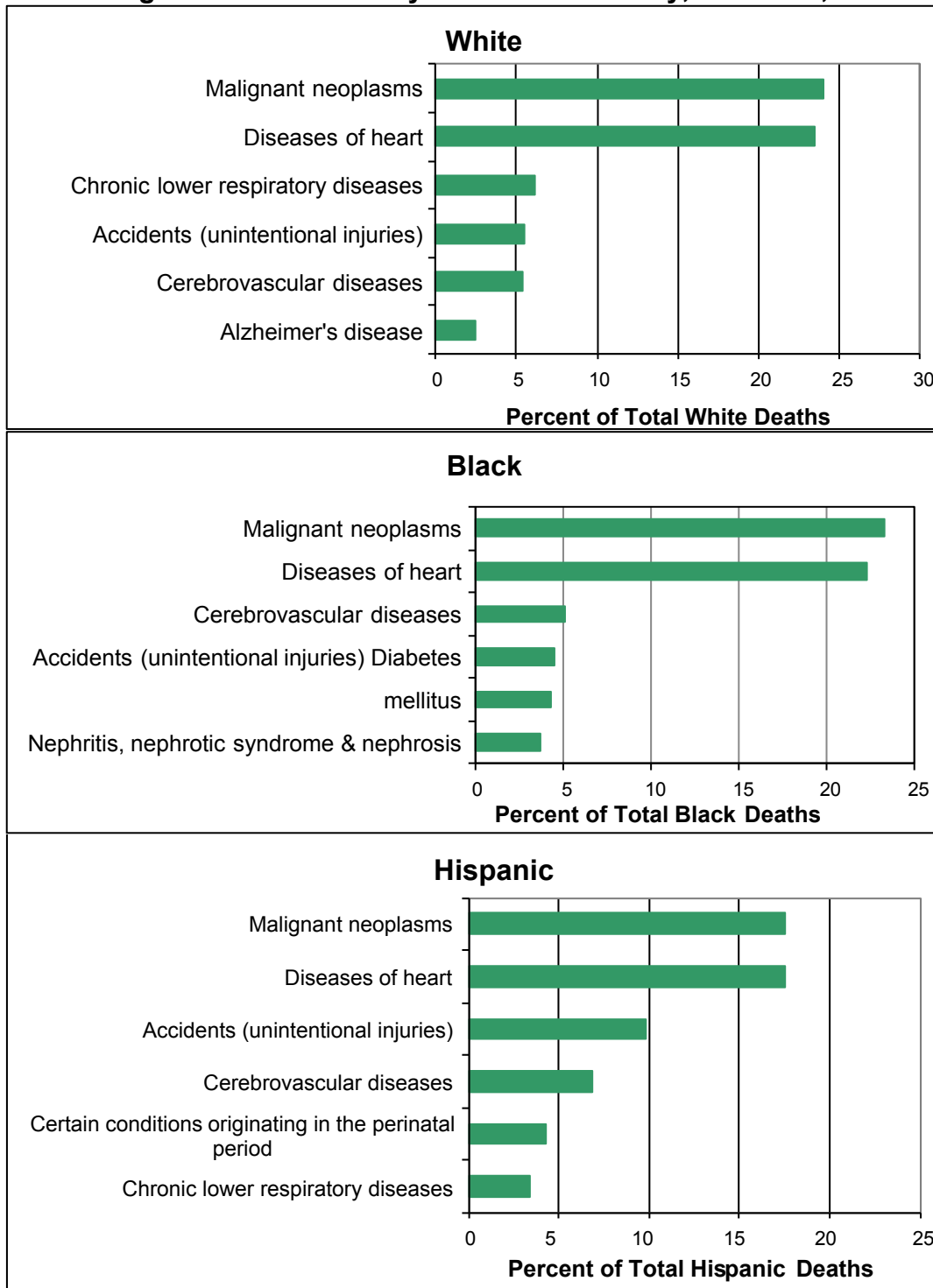
- Of the 436 deaths due to unintentional injury in 2014 (5.3 percent of all deaths), 29 percent were due to motor vehicle accidents and 70 percent were due to non-transport accidents. More than half of the 306 non-transport accidents were caused by unintentional poisonings; the majority (98 percent) of unintentional poisonings were drug-induced poisonings.
- For the sixth year, unintentional poisonings surpassed motor vehicle injuries and became the leading cause of unintentional injury death in 2014.
  - Poisonings were the cause of the most unintentional injuries for white males and females, followed by motor vehicle accidents. Motor vehicle accidents and poisoning were equally the greatest number of unintentional injuries for black males. Black females, although differing by only one, had more motor vehicle accidents than poisonings.
- In 2010-2014, accidents were the number one cause of death for people 1-44 years of age, and they were responsible for 53 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.



**MORTALITY**

The leading causes of death varied by race and ethnic group. In 2014, the most common causes of death for white, black, and Hispanic Delawareans were:

**Leading Causes of Death by Race and Ethnicity, Delaware, 2014**



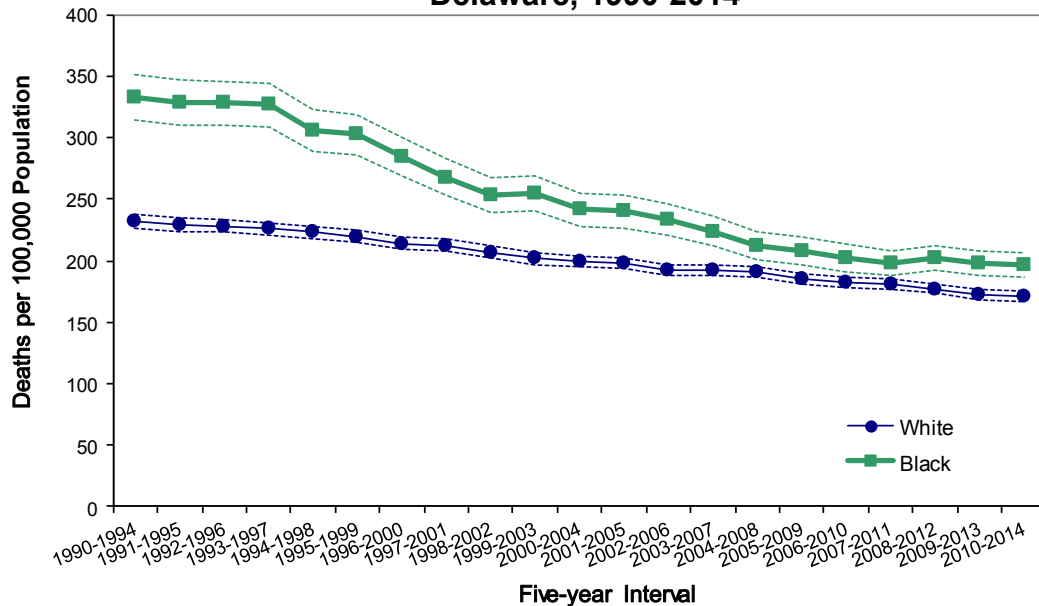
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## MORTALITY

Cancer mortality rates have decreased in all three counties since the early 1990s. In 2010-2014, the five-year age-adjusted cancer mortality rates were 158.5 in Sussex County, 172.7 in New Castle County, and in Kent County 199.5 deaths per 100,000 population. The cancer mortality rate in Wilmington exceeded all counties at 212.5 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 2010-2014 remained higher than white rates.

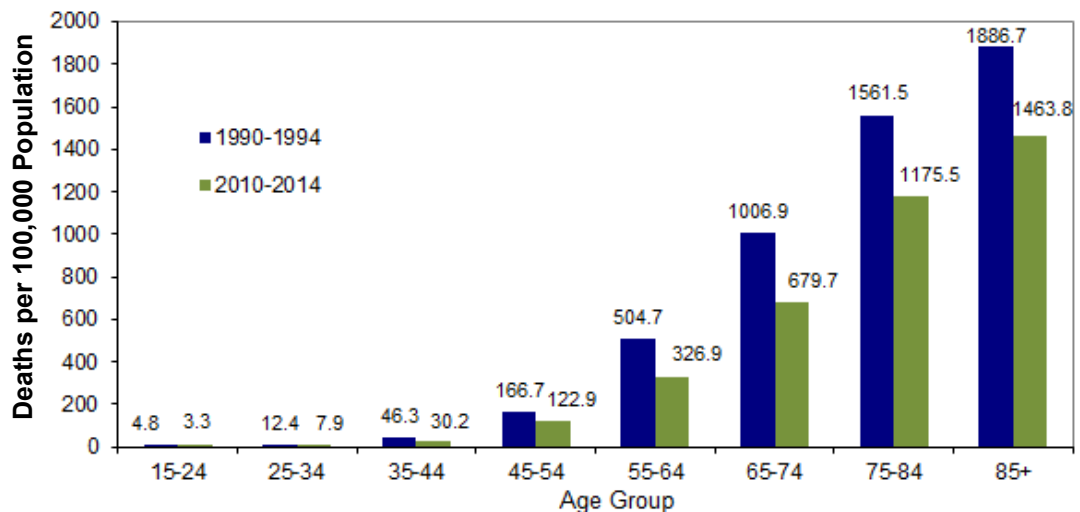
### Five-year Age-Adjusted Cancer Mortality rates by Race Delaware, 1990-2014



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 as well. Cancer mortality rates declined for all age groups between 1990-1994 and 2010-2014. The 25-34 and 55-64 age groups experienced the largest decreases.

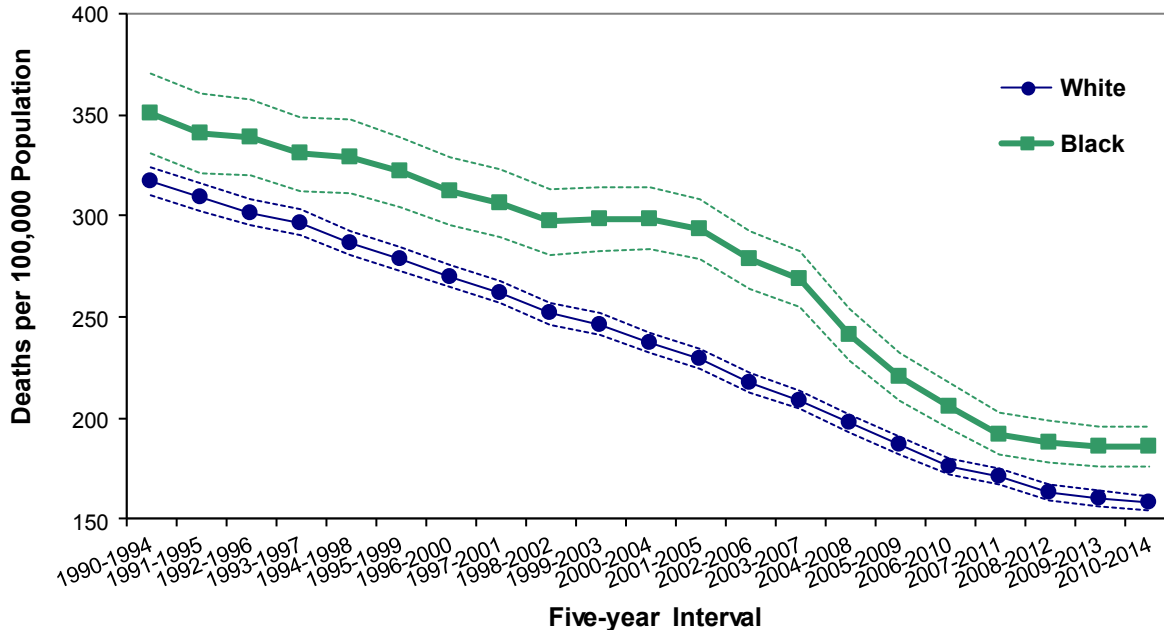
### Five-Year Average Age-Specific Cancer Mortality Rates Delaware, 1990-1994 and 2010-2014



Source: 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 2010-2014. Both black and white heart disease mortality rates have declined significantly since 1990-1994, with white rates declining 49.09 percent and black rates declining 47.1 percent.

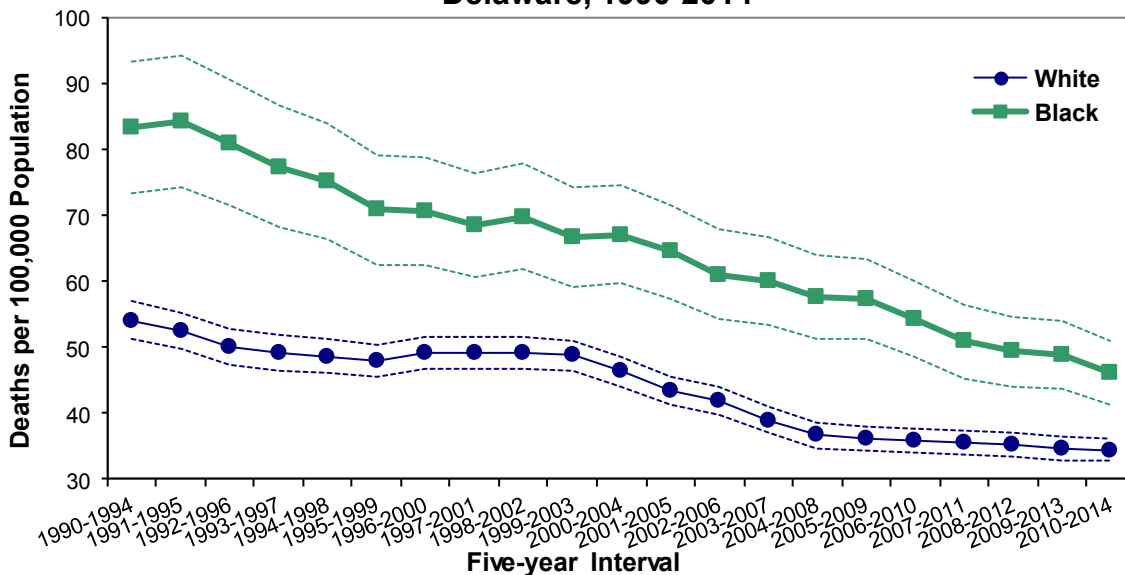
**Five-year Age-Adjusted Heart Disease Mortality Rates by Race  
Delaware, 1990-2014**



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 2010-2014, with rates for white rates decreasing 36 percent and black rates declining 45 percent. In 2010-2014, the black stroke mortality rate of 46.2 deaths per 100,000 remained approximately 34 percent higher than the white rate of 34.5.

**Five-year Age-Adjusted Stroke Mortality Rates by Race  
Delaware, 1990-2014**



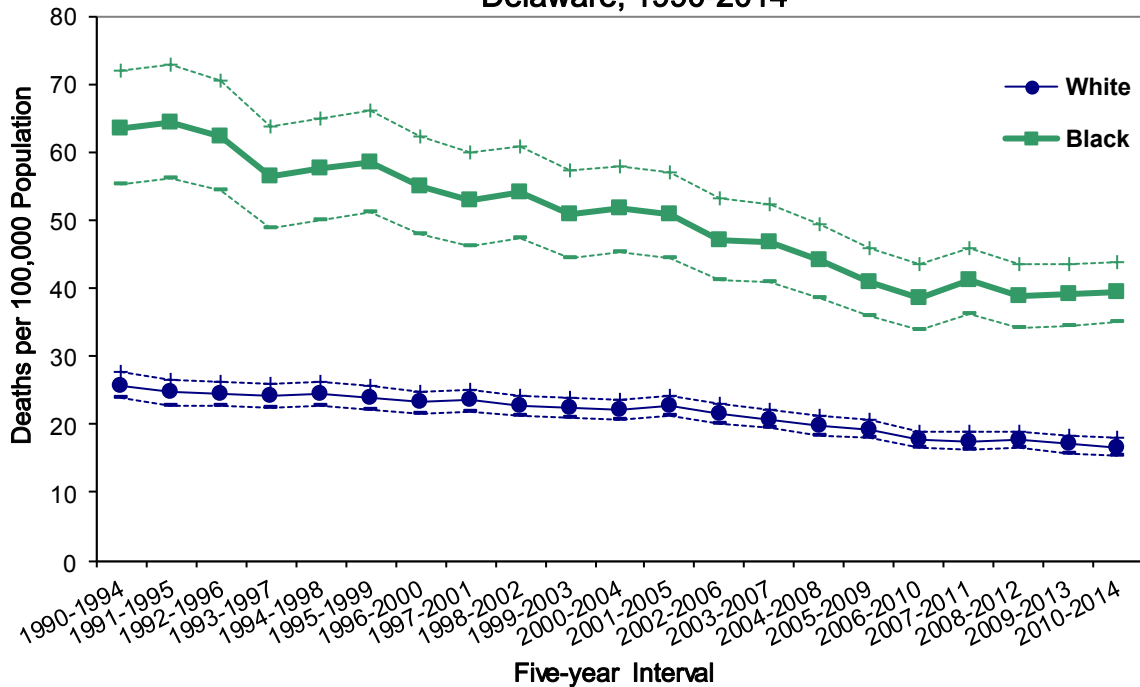
Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center



## MORTALITY

Though black mortality rates for diabetes have declined 38 percent since 1990-1994, their rates were more than double that of whites in 2010-2014.

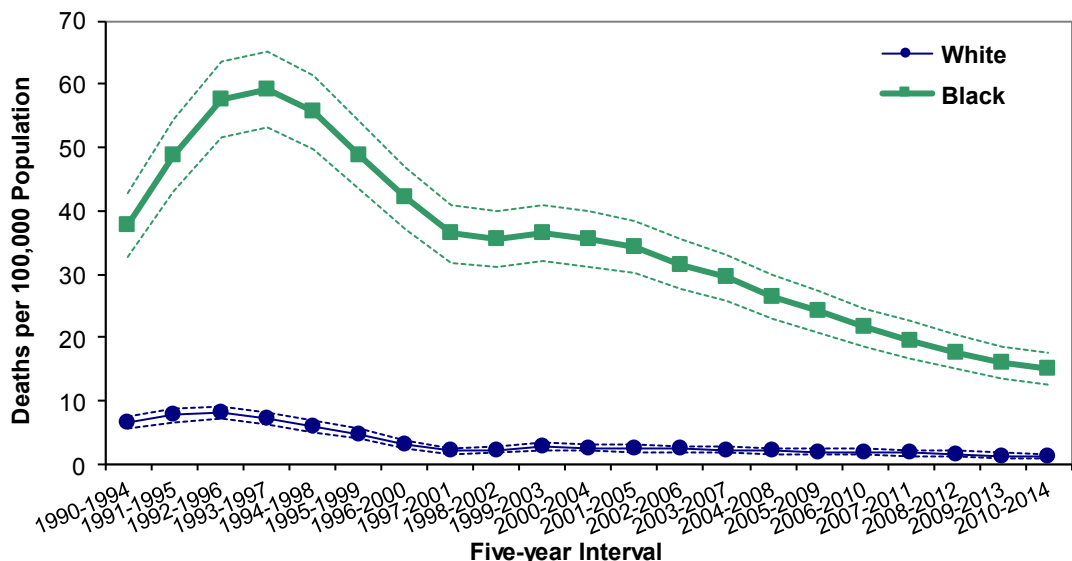
### Five-year Age-Adjusted Diabetes Mortality Rates by Race Delaware, 1990-2014



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 2010-2014 mortality rate of 15.1 deaths per 100,000 was nearly 10 times that of whites. Though they made up only 22 percent of the total Delaware population in 2010-2014, black decedents accounted for 78 percent of all deaths due to HIV/AIDS.

### Five-year Age-Adjusted HIV/AIDS Mortality Rates by Race Delaware, 1990-2014



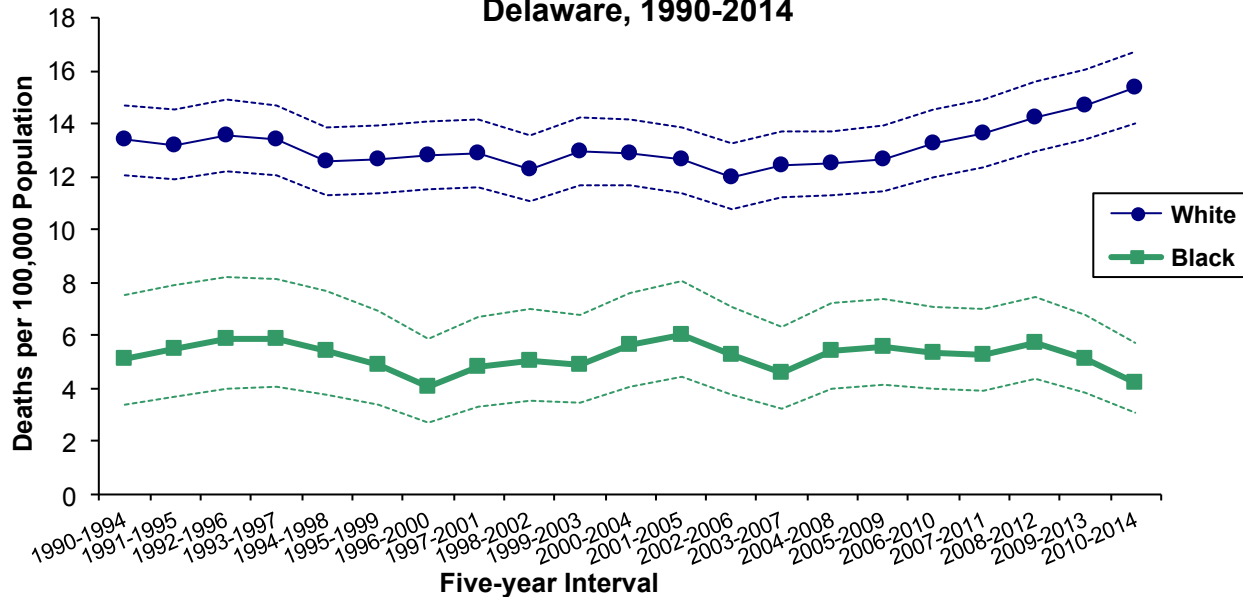
In 2010-2014, HIV was the ninth leading cause of death for black Delawareans; it ranked eighth for black males and twelfth for black females.

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

## MORTALITY

Suicide mortality trends for white populations increased between 1990-1994 and 2010-2014, with the white rate (15.4) more than triple that of the black rate (4.2). Suicide mortality trends for white populations increased between 1990-1994 and 2010-2014, with the white rate (15.4) more than triple that of the black rate (4.2).

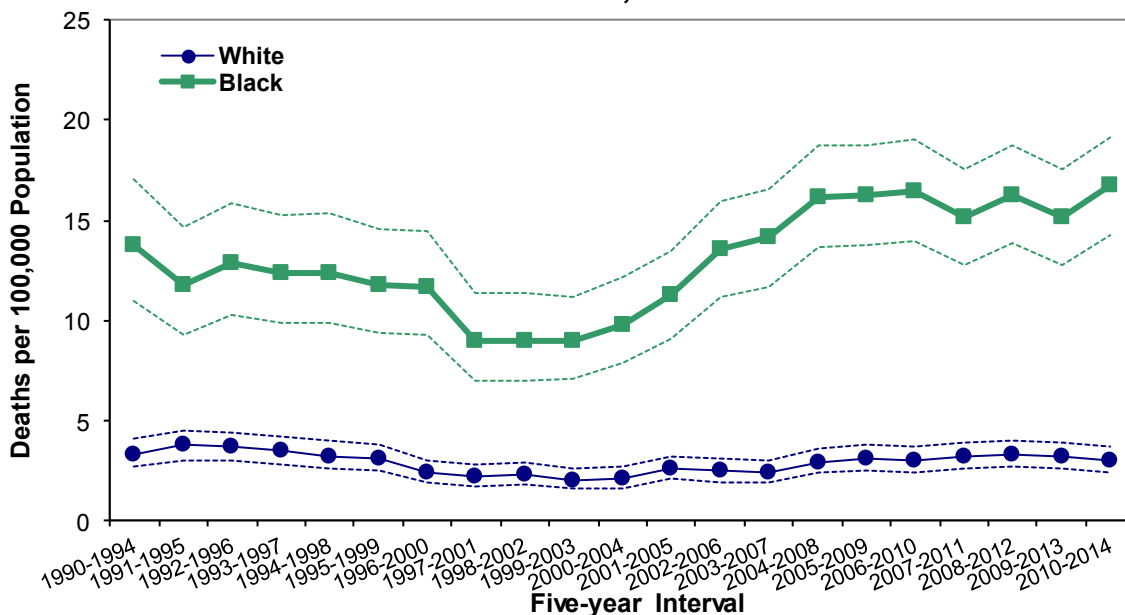
### Five-year Age-Adjusted Suicide Mortality Rates by Race Delaware, 1990-2014



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 83 percent. In 2010-2014, the black homicide rate increased 88 percent to 16.7 and the white homicide mortality rate increased 50 percent to 3.0 deaths per 100,000 population.

### Five-year Age-Adjusted Homicide Mortality Rates by Race Delaware, 1990-2014

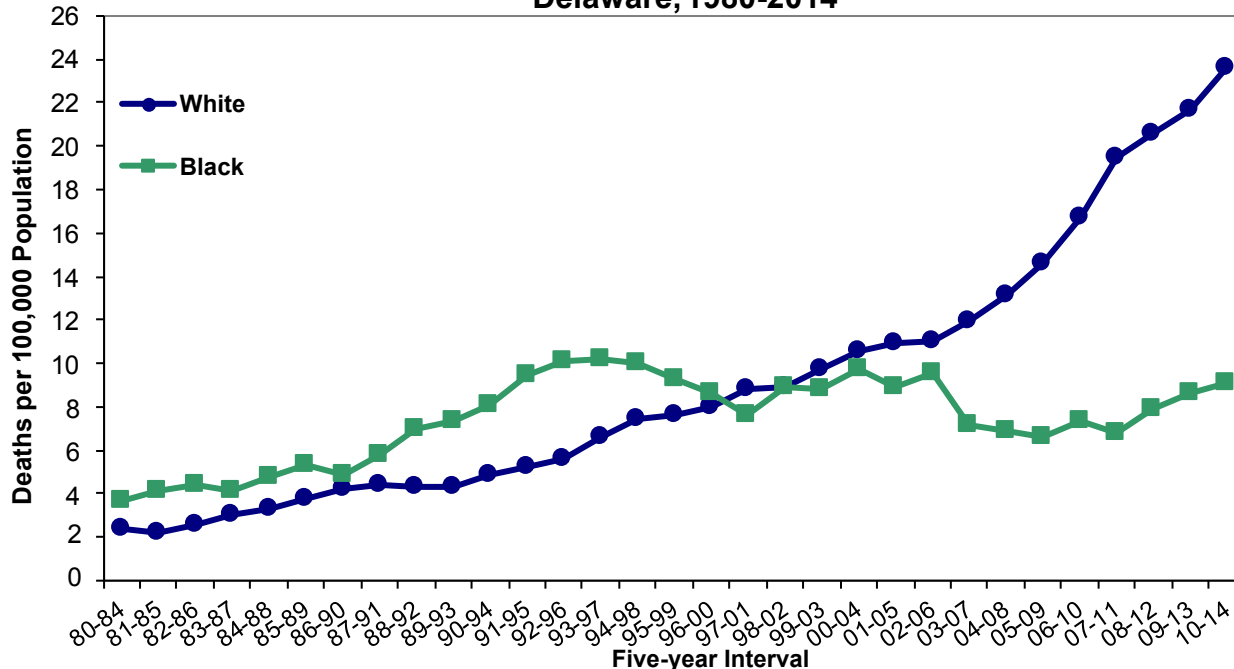


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## MORTALITY

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 white rates by 1997-2001. Since then, white mortality rates remained higher and continued to rise. By 2010-2014, the white drug-induced mortality rate (23.6 deaths per 100,000 population) was more than twice the black rate (9.1).

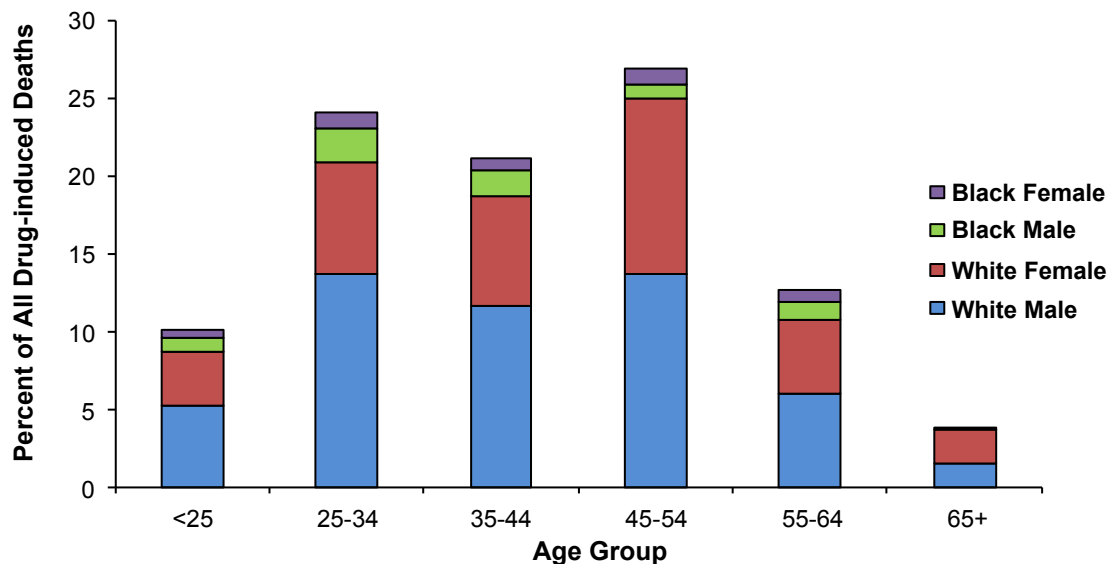
### Five-year Age-adjusted Rates for Drug-Induced Deaths by Race Delaware, 1980-2014



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

In 2010-2014, 53 percent of all drug-induced deaths were white males. Of all the race-age groups, white males ages 25-34 and 45-54 and white females ages 45-54 were responsible for the largest number of drug-induced deaths. White females ages 45-54 accounted for 11.2 percent of the deaths, whereas white males ages 25-34 and 45-54 accounted for 28 percent of the drug-induced deaths. Black females ages 45-54 and black males ages 25-34 and 45-54 were only 4 percent of the drug-induced deaths.

### Distribution of Drug-induced Deaths by Race, Sex, and Age Group Delaware, 2010-2014



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

TABLE F-1  
NUMBER OF DEATHS BY RACE  
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2001-2014

Areal Race	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>U.S.</b>														
All Races	2416425	2443387	2448288	2397615	2448017	2426264	2423712	2471984	2437163	2468435	2515458	2543279	2596993	2626418
White	2079691	2102589	2103714	2056643	2098097	2077549	2074151	2120233	2086355	2114749	2156077	2175178	2217103	2237880
Black	287709	290051	291300	287315	292808	289971	289585	289072	286623	286959	290100	295222	302969	308960
Other	49025	50747	53274	53657	57112	58744	59976	62679	64185	66727	69281	72879	76921	79578
<b>Delaware</b>														
All Races	7114	6860	7067	7124	7424	7144	7246	7602	7498	7667	7816	7873	7967	8252
White	5886	5694	5782	5862	6129	5856	5985	6309	6113	6274	6412	6348	6498	6677
Black	1180	1111	1241	1204	1235	1225	1181	1217	1270	1258	1256	1392	1295	1435
Other	48	55	44	58	60	63	80	76	115	135	148	133	174	140
<b>Kent</b>														
All Races	1102	1113	1114	1154	1250	1219	1255	1367	1379	1345	1368	1462	1422	1524
White	900	916	878	948	1017	967	1018	1133	1096	1080	1092	1159	1128	1196
Black	194	187	224	193	224	234	219	220	263	231	239	273	250	299
Other	8	10	12	13	9	18	18	14	20	34	37	30	44	29
<b>New Castle</b>														
All Races	4234	3996	4129	4146	4229	4039	4101	4290	4100	4221	4394	4260	4338	4334
White	3435	3244	3299	3324	3381	3212	3294	3441	3234	3316	3486	3270	3392	3354
Black	774	718	809	793	809	794	771	802	799	828	820	909	847	901
Other	25	34	21	29	39	33	36	47	67	77	88	81	99	79
<b>Wilmington</b>														
All Races	850	779	843	782	765	728	705	726	692	713	697	691	651	729
White	421	392	413	358	362	337	345	334	329	294	320	297	273	326
Black	425	380	430	419	401	385	359	389	360	406	362	383	364	395
Other	4	7	0	5	2	6	1	3	3	13	15	11	14	8
<b>Balance of NC County</b>														
All Races	3384	3217	3286	3364	3464	3311	3396	3564	3408	3508	3697	3569	3687	3605
White	3014	2852	2886	2966	3019	2875	2949	3107	2905	3022	3166	2973	3119	3028
Black	349	338	379	374	408	409	412	413	439	422	458	526	483	506
Other	21	27	21	24	37	27	35	44	64	64	73	70	85	71
<b>Sussex</b>														
All Races	1778	1751	1824	1824	1945	1886	1890	1945	2019	2101	2054	2151	2207	2394
White	1551	1534	1605	1590	1731	1677	1673	1735	1783	1878	1834	1919	1978	2127
Black	212	206	208	218	202	197	191	195	208	199	197	210	198	235
Other	15	11	11	16	12	12	26	15	28	24	23	22	31	32

NDRACE

Note: 2010 US data are preliminary numbers from NCHS.

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  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Age	Race									Hispanic Origin <sup>2</sup>
	All Races	White	Black	American Indian <sup>1</sup>	Asian or Pacific Islander (API)				All Other	
					Chinese	Japanese	Filipino	Other API		
<b>Delaware</b>	8252	6677	1435	27	17	7	12	52	25	234
<1	74	38	30	0	1	0	0	4	1	12
1-4	12	6	4	0	0	0	0	0	2	3
5-14	10	6	3	0	1	0	0	0	0	1
15-24	88	56	29	0	0	0	0	3	0	9
25-34	159	108	47	1	0	0	0	0	3	13
35-44	216	148	64	1	0	0	0	1	2	15
45-54	536	368	159	3	1	0	1	3	1	17
55-64	1074	810	246	5	1	0	0	8	4	36
65-74	1546	1225	292	6	3	1	4	13	2	41
75+	4537	3912	561	11	10	6	7	20	10	87
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Kent</b>	1524	1196	299	10	3	4	4	5	3	53
<1	13	9	4	0	0	0	0	0	0	1
1-4	3	0	3	0	0	0	0	0	0	0
5-14	2	2	0	0	0	0	0	0	0	0
15-24	16	11	5	0	0	0	0	0	0	1
25-34	40	29	9	1	0	0	0	0	1	3
35-44	54	40	13	0	0	0	0	0	1	4
45-54	118	71	43	2	1	0	0	1	0	3
55-64	224	175	49	0	0	0	0	0	0	7
65-74	303	238	58	2	1	1	1	2	0	13
75+	751	621	115	5	1	3	3	2	1	21
Unknown	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	4334	3354	901	3	12	2	6	40	16	151
<1	49	22	21	0	1	0	0	4	1	9
1-4	5	4	1	0	0	0	0	0	0	2
5-14	6	3	2	0	1	0	0	0	0	0
15-24	53	30	20	0	0	0	0	3	0	5
25-34	92	58	32	0	0	0	0	0	2	8
35-44	126	82	42	0	0	0	0	1	1	10
45-54	296	200	93	0	0	0	1	1	1	13
55-64	596	421	163	1	1	0	0	6	4	25
65-74	722	524	183	1	1	0	2	9	2	26
75+	2389	2010	344	1	8	2	3	16	5	53
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	729	326	395	0	0	1	0	4	3	48
<1	14	5	8	0	0	0	0	1	0	3
1-4	2	1	1	0	0	0	0	0	0	1
5-14	0	0	0	0	0	0	0	0	0	0
15-24	11	2	9	0	0	0	0	0	0	1
25-34	28	7	20	0	0	0	0	0	1	4
35-44	26	13	13	0	0	0	0	0	0	2
45-54	62	18	44	0	0	0	0	0	0	6
55-64	129	50	79	0	0	0	0	0	0	6
65-74	138	57	79	0	0	0	0	1	1	13
75+	319	173	142	0	0	1	0	2	1	12
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	3605	3028	506	3	12	1	6	36	13	103
<1	35	17	13	0	1	0	0	3	1	6
1-4	3	3	0	0	0	0	0	0	0	1
5-14	6	3	2	0	1	0	0	0	0	0
15-24	42	28	11	0	0	0	0	3	0	4
25-34	64	51	12	0	0	0	0	0	1	4
35-44	100	69	29	0	0	0	0	1	1	8
45-54	234	182	49	0	0	0	1	1	1	7
55-64	467	371	84	1	1	0	0	6	4	19
65-74	584	467	104	1	1	0	2	8	1	13
75+	2070	1837	202	1	8	1	3	14	4	41
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	2394	2127	235	14	2	1	2	7	6	30
<1	12	7	5	0	0	0	0	0	0	2
1-4	4	2	0	0	0	0	0	0	2	1
5-14	2	1	1	0	0	0	0	0	0	1
15-24	19	15	4	0	0	0	0	0	0	3
25-34	27	21	6	0	0	0	0	0	0	2
35-44	36	26	9	1	0	0	0	0	0	1
45-54	122	97	23	1	0	0	0	1	0	1
55-64	254	214	34	4	0	0	0	2	0	4
65-74	521	463	51	3	1	0	1	2	0	2
75+	1397	1281	102	5	1	1	1	2	4	13
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

DETRACE

TABLE F-3  
 NUMBER OF DEATHS BY AGE AND RACE  
 DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014  
 (BOTH SEXES)

Area/ Race	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Delaware</b>														
All Races	8252	74	12	1	9	28	60	159	216	536	1074	1546	4537	0
White	6677	38	6	0	6	14	42	108	148	368	810	1225	3912	0
Black	1435	30	4	0	3	12	17	47	64	159	246	292	561	0
Other	140	6	2	1	0	2	1	4	4	9	18	29	64	0
<b>Kent</b>														
All Races	1524	13	3	0	2	5	11	40	54	118	224	303	751	0
White	1196	9	0	0	2	3	8	29	40	71	175	238	621	0
Black	299	4	3	0	0	2	3	9	13	43	49	58	115	0
Other	29	0	0	0	0	0	0	2	1	4	0	7	15	0
<b>New Castle</b>														
All Races	4334	49	5	1	5	17	36	92	126	296	596	722	2389	0
White	3354	22	4	0	3	6	24	58	82	200	421	524	2010	0
Black	901	21	1	0	2	9	11	32	42	93	163	183	344	0
Other	79	6	0	1	0	2	1	2	2	3	12	15	35	0
<b>Wilmington</b>														
All Races	729	14	2	0	0	5	6	28	26	62	129	138	319	0
White	326	5	1	0	0	0	2	7	13	18	50	57	173	0
Black	395	8	1	0	0	5	4	20	13	44	79	79	142	0
Other	8	1	0	0	0	0	0	1	0	0	0	2	4	0
<b>Balance of NC County</b>														
All Races	3605	35	3	1	5	12	30	64	100	234	467	584	2070	0
White	3028	17	3	0	3	6	22	51	69	182	371	467	1837	0
Black	506	13	0	0	2	4	7	12	29	49	84	104	202	0
Other	71	5	0	1	0	2	1	1	2	3	12	13	31	0
<b>Sussex</b>														
All Races	2394	12	4	0	2	6	13	27	36	122	254	521	1397	0
White	2127	7	2	0	1	5	10	21	26	97	214	463	1281	0
Black	235	5	0	0	1	1	3	6	9	23	34	51	102	0
Other	32	0	2	0	0	0	0	0	1	2	6	7	14	0

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

NDAGERAC

TABLE F-4  
 NUMBER OF DEATHS BY AGE AND RACE  
 DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014  
 (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	4190	34	5	0	6	19	45	112	133	321	609	870	2036	0
White	3399	19	2	0	5	7	30	74	98	230	471	691	1772	0
Black	718	13	2	0	1	11	14	35	32	88	126	166	230	0
Other	73	2	1	0	0	1	1	3	3	3	12	13	34	0
<b>Kent</b>														
All Races	794	5	2	0	1	3	8	29	29	74	128	159	356	0
White	622	4	0	0	1	1	5	20	23	47	101	119	301	0
Black	162	1	2	0	0	2	3	7	6	26	27	38	50	0
Other	10	0	0	0	0	0	0	2	0	1	0	2	5	0
<b>New Castle</b>														
All Races	2147	21	1	0	4	12	27	63	82	166	331	394	1046	0
White	1671	11	1	0	3	3	17	39	59	116	243	288	891	0
Black	433	8	0	0	1	8	9	23	21	49	81	99	134	0
Other	43	2	0	0	0	1	1	1	2	1	7	7	21	0
<b>Wilmington</b>														
All Races	355	7	0	0	0	5	6	20	16	34	76	74	117	0
White	166	4	0	0	0	0	2	5	8	9	37	37	64	0
Black	185	3	0	0	0	5	4	15	8	25	39	35	51	0
Other	4	0	0	0	0	0	0	0	0	0	0	2	2	0
<b>Balance of NC County</b>														
All Races	1792	14	1	0	4	7	21	43	66	132	255	320	929	0
White	1505	7	1	0	3	3	15	34	51	107	206	251	827	0
Black	248	5	0	0	1	3	5	8	13	24	42	64	83	0
Other	39	2	0	0	0	1	1	1	2	1	7	5	19	0
<b>Sussex</b>														
All Races	1249	8	2	0	1	4	10	20	22	81	150	317	634	0
White	1106	4	1	0	1	3	8	15	16	67	127	284	580	0
Black	123	4	0	0	0	1	2	5	5	13	18	29	46	0
Other	20	0	1	0	0	0	0	0	1	1	5	4	8	0

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

NDRCA/GML





TABLE F-6  
MORTALITY TRENDS BY RACE, ETHNICITY, GENDER, AND AGE  
DELAWARE, 2004-2014

CHARACTERISTIC	Year										
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Resident Deaths</b>											
Number	7124	7424	7144	7246	7602	7498	7667	7816	7873	7967	8252
Crude Rate	857.5	878.4	831.4	831.2	860.1	840.8	852.1	861.7	860.8	862.5	884.3
AADR <sup>2</sup>	814.5	818.1	762.7	748.3	760.5	730.8	727.8	726.4	709.7	696.6	703.3
<b>Decedent's Race/Ethnicity</b>											
White											
Number	5862	6129	5856	5985	6309	6113	6274	6412	6348	6498	6677
Percent	82.3%	82.6%	82.0%	82.6%	83.0%	81.5%	81.8%	82.0%	80.6%	81.6%	80.9%
AADR <sup>2</sup>	788.1	794.6	741.0	734.8	753.4	713.6	718.2	721.8	695.3	692.4	693.7
Black											
Number	1204	1235	1225	1181	1217	1270	1258	1256	1392	1295	1435
Percent	16.9%	16.6%	17.1%	16.3%	16.0%	16.9%	16.4%	16.1%	17.7%	16.3%	17.4%
AADR <sup>2</sup>	1046.7	1024.3	943.9	889.2	860.7	866.5	834.4	795.7	858.5	769.4	843.9
Hispanic <sup>1</sup>											
Number	121	121	126	178	189	164	142	144	148	200	234
Percent	1.7%	1.6%	1.8%	2.5%	2.5%	2.2%	1.9%	1.8%	1.9%	2.5%	2.8%
AADR <sup>2</sup>	730.0	624.5	485.8	775.5	789.6	691.0	550.0	536.1	504.9	706.3	824.4
<b>Decedent's Gender</b>											
Female											
Number	3517	3746	3590	3614	3850	3782	3802	3946	4015	3936	4062
Percent	49.4%	50.5%	50.3%	49.9%	50.6%	50.4%	49.6%	50.5%	51.0%	49.4%	49.2%
AADR <sup>2</sup>	679.7	651.9	647.3	630.3	651.9	624.0	610.8	625.0	613.9	588.0	591.9
Male											
Number	3607	3678	3554	3632	3752	3716	3865	3870	3858	4031	4190
Percent	50.6%	49.5%	49.7%	50.1%	49.4%	49.6%	50.4%	49.5%	49.0%	50.6%	50.8%
AADR <sup>2</sup>	996.9	894.3	905.9	893.5	894.3	860.2	869.9	849.7	826.0	830.3	842.0
<b>Decedent's age</b>											
<1											
Number	97	106	99	91	101	91	88	98	84	68	74
Percent	1.4%	1.4%	1.4%	1.3%	1.3%	1.2%	1.1%	1.3%	1.1%	0.9%	0.9%
1-14											
Number	44	26	20	15	23	27	18	28	30	29	22
Percent	0.6%	0.4%	0.3%	0.2%	0.3%	0.4%	0.2%	0.4%	0.4%	0.4%	0.3%
15-24											
Number	97	78	92	88	91	92	97	86	89	82	88
Percent	1.4%	1.1%	1.3%	1.2%	1.2%	1.2%	1.3%	1.1%	1.1%	1.0%	1.1%
25-44											
Number	387	375	427	385	400	359	362	356	388	359	375
Percent	5.4%	5.1%	6.0%	5.3%	5.3%	4.8%	4.7%	4.6%	4.9%	4.5%	4.5%
45-64											
Number	1338	1406	1410	1418	1552	1529	1578	1579	1620	1739	1610
Percent	18.8%	18.9%	19.7%	19.6%	20.4%	20.4%	20.6%	20.2%	20.6%	21.8%	19.5%
65-74											
Number	1310	1272	1232	1238	1276	1313	1307	1357	1325	1385	1546
Percent	18.4%	17.1%	17.2%	17.1%	16.8%	17.5%	17.0%	17.4%	16.8%	17.4%	18.7%
75-84											
Number	2039	2160	1960	2022	2043	1944	1976	2077	1897	1931	2048
Percent	28.6%	29.1%	27.4%	27.9%	26.9%	25.9%	25.8%	26.6%	24.1%	24.2%	24.8%
85+											
Number	1812	2001	1904	1985	2116	2143	2241	2235	2440	2374	2489
Percent	25.4%	27.0%	26.7%	27.4%	27.8%	28.6%	29.2%	28.6%	31.0%	29.8%	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.

MORTREND

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

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, 2014

Cause of Death <sup>1</sup>	Deaths		Median Age at Death	
	Number	Percent	Male	Female
<b>All causes</b>	8,252	100.0	74	80
<b>Malignant neoplasms</b>	1,972	23.9	72	72
<b>Diseases of heart</b>	1,917	23.2	77	84
<b>Dementia</b>	464	5.6	87	89
<b>Chronic lower respiratory diseases</b>	458	5.6	79	80
<b>Cerebrovascular diseases</b>	439	5.3	81	84
<b>Accidents (unintentional injuries)</b>	436	5.3	47	53
<b>Diabetes mellitus</b>	226	2.7	69	74
<b>Alzheimer's disease</b>	188	2.3	86	90
<b>Nephritis, nephrotic syndrome &amp; nephrosis</b>	172	2.1	79	78
<b>Influenza &amp; pneumonia</b>	156	1.9	81	85
<b>Septicemia</b>	136	1.6	75	80
<b>Intentional self-harm (suicide)</b>	126	1.5	49	44
<b>Other diseases of respiratory system</b>	115	1.4	77	82
<b>Chronic liver disease &amp; cirrhosis</b>	110	1.3	62	64
<b>Other diseases of circulatory system</b>	83	1.0	74	83
<b>Parkinson's disease</b>	82	1.0	83	83
<b>Certain conditions originating in the perinatal period</b>	65	0.8	72	91
<b>Pneumonitis due to solids &amp; liquids</b>	59	0.7	87	87
<b>Assault (homicide)</b>	57	0.7	29	31
<b>Essential (primary) hypertension &amp; hypertensive renal disease</b>	48	0.6	74	86
<b>Alcohol-induced deaths<sup>2</sup></b>	77	0.9	59	55
<b>Drug-induced deaths<sup>2</sup></b>	204	2.5	41	44

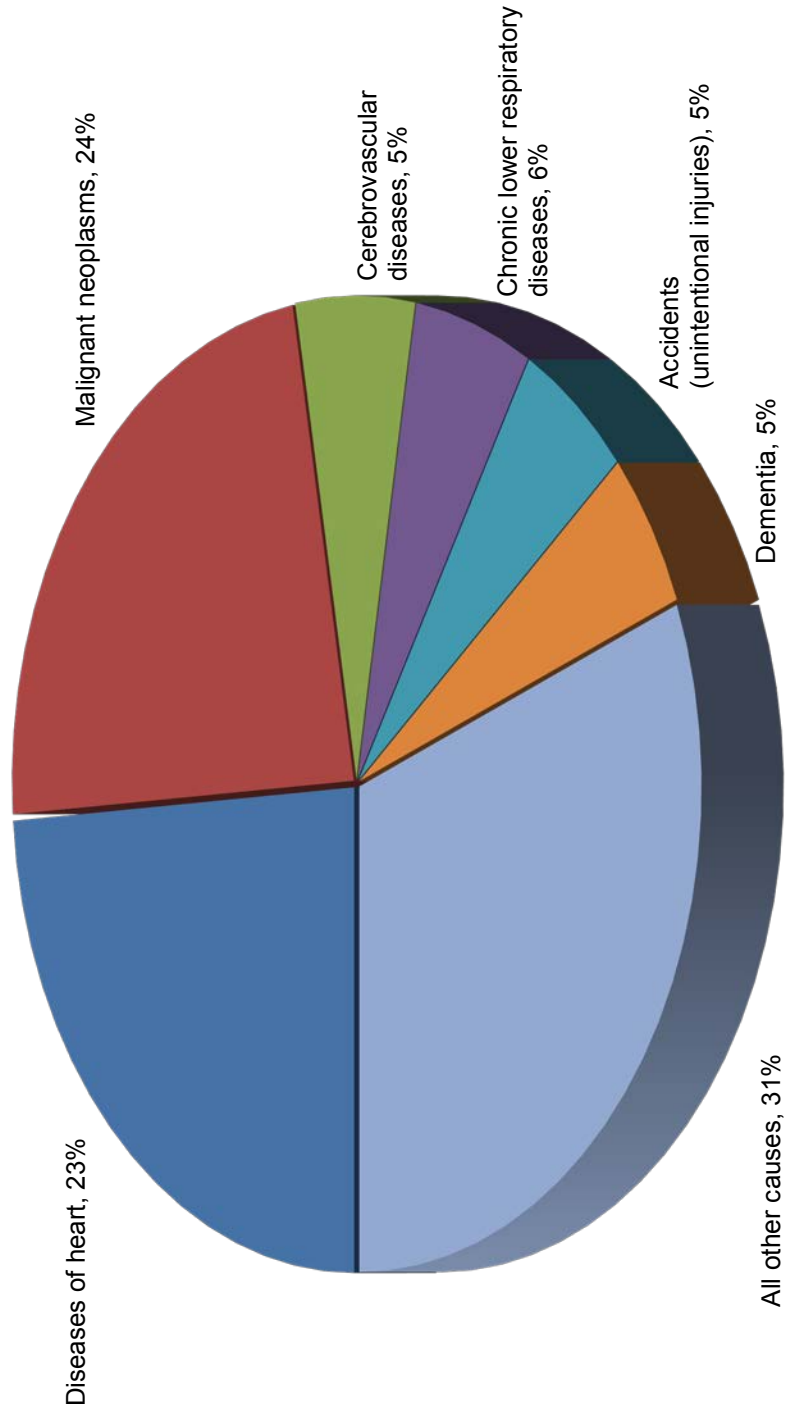
LCODARBS

**Notes:**

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

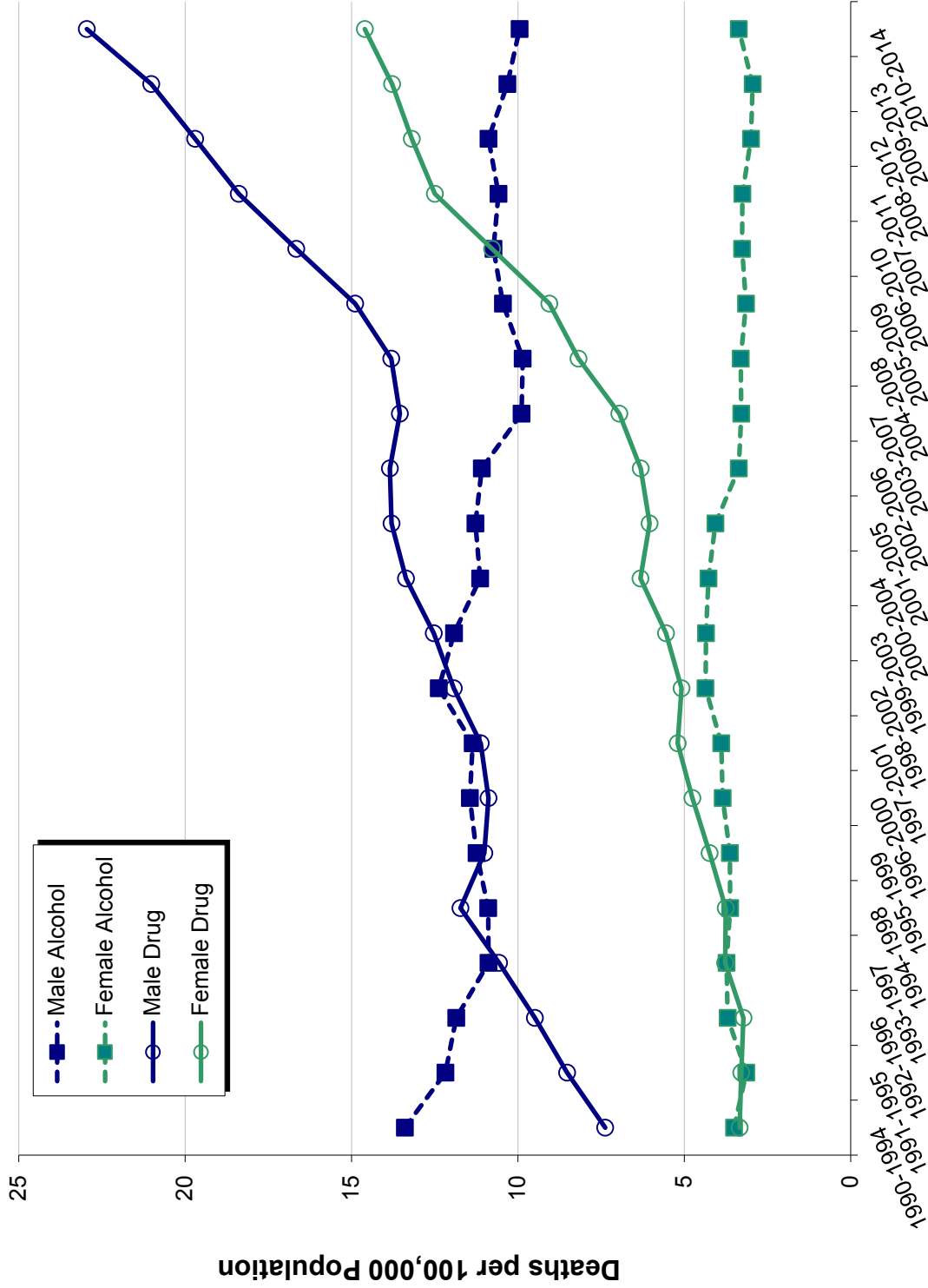
**Source:** Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**Figure F-1  
Leading Causes of Death  
Delaware, 2014**



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, 1990-2014**



Five-year Interval

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, 2010-2014

**Kent**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1769	24.8
Diseases of heart	1729	24.3
Chronic lower respiratory diseases	423	5.9
Accidents (unintentional injuries)	358	5.0
Cerebrovascular diseases	328	4.6
Diabetes mellitus	191	2.7
Alzheimer's disease	172	2.4
Septicemia	155	2.2
Nephritis, nephrotic syndrome & nephrosis	138	1.9
Influenza & pneumonia	126	1.8
Intentional self-harm (suicide)	115	1.6
Chronic liver disease & cirrhosis	79	1.1
Essential (primary) hypertension & hypertensive renal disease	66	0.9
In situ neoplasms, benign neoplasms & neoplasms of uncertain behavior	54	0.8
Parkinson's disease	46	0.6
Assault (homicide)	39	0.5
All other causes	1333	18.7
<b>Total</b>	<b>7121</b>	<b>100.0</b>

**New Castle**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5128	23.8
Diseases of heart	4636	21.5
Cerebrovascular diseases	1262	5.9
Chronic lower respiratory diseases	1158	5.4
Accidents (unintentional injuries)	1058	4.9
Diabetes mellitus	623	2.9
Alzheimer's disease	508	2.4
Nephritis, nephrotic syndrome & nephrosis	466	2.2
Influenza & pneumonia	402	1.9
Septicemia	331	1.5
Intentional self-harm (suicide)	326	1.5
Chronic liver disease & cirrhosis	217	1.0
Assault (homicide)	216	1.0
Parkinson's disease	216	1.0
Certain conditions originating in the perinatal period	177	0.8
Human immunodeficiency virus (HIV) disease	137	0.6
All other causes	4686	21.7
<b>Total</b>	<b>21547</b>	<b>100.0</b>

**City of Wilmington**

Cause of Death*	Deaths	
	#	%
Diseases of heart	743	21.3
Malignant neoplasms	715	20.5
Cerebrovascular diseases	204	5.9
Accidents (unintentional injuries)	176	5.1
Chronic lower respiratory diseases	167	4.8
Diabetes mellitus	138	4.0
Assault (homicide)	100	2.9
Nephritis, nephrotic syndrome & nephrosis	88	2.5
Human immunodeficiency virus (HIV) disease	88	2.5
Alzheimer's disease	69	2.0
Certain conditions originating in the perinatal period	52	1.5
Septicemia	50	1.4
Influenza & pneumonia	49	1.4
Chronic liver disease & cirrhosis	45	1.3
Essential (primary) hypertension & hypertensive renal disease	37	1.1
Intentional self-harm (suicide)	36	1.0
All other causes	724	20.8
<b>Total</b>	<b>3481</b>	<b>100.0</b>

**Sussex**

Cause of Death*	Deaths	
	#	%
Diseases of heart	2759	25.3
Malignant neoplasms	2705	24.8
Chronic lower respiratory diseases	682	6.3
Cerebrovascular diseases	488	4.5
Accidents (unintentional injuries)	487	4.5
Alzheimer's disease	334	3.1
Diabetes mellitus	292	2.7
Nephritis, nephrotic syndrome & nephrosis	203	1.9
Influenza & pneumonia	167	1.5
Chronic liver disease & cirrhosis	155	1.4
Septicemia	153	1.4
Intentional self-harm (suicide)	143	1.3
Parkinson's disease	110	1.0
Pneumonitis due to solids & liquids	76	0.7
Essential (primary) hypertension & hypertensive renal disease	74	0.7
In situ neoplasms, benign neoplasms & neoplasms of uncertain behavior	69	0.6
All other causes	2010	18.4
<b>Total</b>	<b>10907</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

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TABLE F-9  
TEN LEADING CAUSES OF DEATH BY SEX AND RACE GROUP  
DELAWARE, 2010-2014

All Races, Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4984	25.2
Diseases of heart	4769	24.1
Accidents (unintentional injuries)	1196	6.0
Chronic lower respiratory diseases	970	4.9
Cerebrovascular diseases	875	4.4
Diabetes mellitus	582	2.9
Intentional self-harm (suicide)	458	2.3
Nephritis, nephrotic syndrome & nephrosis	396	2.0
Influenza & pneumonia	318	1.6
Chronic liver disease & cirrhosis	305	1.5
All other causes	4961	25.0
<b>Total</b>	<b>19814</b>	<b>100.0</b>

All Races, Female

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4618	23.4
Diseases of heart	4355	22.0
Chronic lower respiratory diseases	1293	6.5
Cerebrovascular diseases	1203	6.1
Alzheimer's disease	714	3.6
Accidents (unintentional injuries)	707	3.6
Diabetes mellitus	524	2.7
Nephritis, nephrotic syndrome & nephrosis	411	2.1
Influenza & pneumonia	377	1.9
Septicemia	334	1.7
All other causes	5225	26.4
<b>Total</b>	<b>19761</b>	<b>100.0</b>

White, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	7816	24.3
Diseases of heart	7534	23.4
Chronic lower respiratory diseases	2005	6.2
Cerebrovascular diseases	1676	5.2
Accidents (unintentional injuries)	1594	4.9
Alzheimer's disease	869	2.7
Diabetes mellitus	762	2.4
Nephritis, nephrotic syndrome & nephrosis	585	1.8
Influenza & pneumonia	584	1.8
Intentional self-harm (suicide)	526	1.6
All other causes	8258	25.6
<b>Total</b>	<b>32209</b>	<b>100.0</b>

Black, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1603	24.2
Diseases of heart	1446	21.8
Cerebrovascular diseases	354	5.3
Diabetes mellitus	315	4.7
Accidents (unintentional injuries)	263	4.0
Chronic lower respiratory diseases	239	3.6
Nephritis, nephrotic syndrome & nephrosis	207	3.1
Assault (homicide)	179	2.7
Human immunodeficiency virus (HIV) disease	149	2.2
Alzheimer's disease	129	1.9
All other causes	1752	26.4
<b>Total</b>	<b>6636</b>	<b>100.0</b>

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Hispanic, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	171	19.7
Diseases of heart	151	17.4
Accidents (unintentional injuries)	88	10.1
Cerebrovascular diseases	49	5.6
Certain conditions originating in the perinatal period	33	3.8
Diabetes mellitus	33	3.8
Chronic lower respiratory diseases	29	3.3
Assault (homicide)	22	2.5
Alzheimer's disease	22	2.5
Intentional self-harm (suicide)	20	2.3
All other causes	250	28.8
<b>Total</b>	<b>868</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, 2010-2014

White Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4084	25.5
Diseases of heart	3968	24.7
Accidents (unintentional injuries)	988	6.2
Chronic lower respiratory diseases	843	5.3
Cerebrovascular diseases	683	4.3
Diabetes mellitus	416	2.6
Intentional self-harm (suicide)	410	2.6
Nephritis, nephrotic syndrome & nephrosis	285	1.8
Influenza & pneumonia	269	1.7
Alzheimer's disease	262	1.6
All other causes	3837	23.9
<b>Total</b>	<b>16045</b>	<b>100.0</b>

White Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	3732	23.1
Diseases of heart	3566	22.1
Chronic lower respiratory diseases	1162	7.2
Cerebrovascular diseases	993	6.1
Alzheimer's disease	607	3.8
Accidents (unintentional injuries)	606	3.7
Diabetes mellitus	346	2.1
Influenza & pneumonia	315	1.9
Nephritis, nephrotic syndrome & nephrosis	300	1.9
Septicemia	259	1.6
All other causes	4278	26.5
<b>Total</b>	<b>16164</b>	<b>100.0</b>

Black Males

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	803	23.8
Diseases of heart	723	21.4
Accidents (unintentional injuries)	181	5.4
Cerebrovascular diseases	168	5.0
Assault (homicide)	161	4.8
Diabetes mellitus	151	4.5
Chronic lower respiratory diseases	114	3.4
Human immunodeficiency virus (HIV) disease	103	3.0
Nephritis, nephrotic syndrome & nephrosis	100	3.0
Certain conditions originating in the perinatal period	71	2.1
All other causes	805	23.8
<b>Total</b>	<b>3380</b>	<b>100.0</b>

Black Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	800	24.6
Diseases of heart	723	22.2
Cerebrovascular diseases	186	5.7
Diabetes mellitus	164	5.0
Chronic lower respiratory diseases	125	3.8
Nephritis, nephrotic syndrome & nephrosis	107	3.3
Alzheimer's disease	96	2.9
Accidents (unintentional injuries)	82	2.5
Septicemia	67	2.1
Influenza & pneumonia	56	1.7
All other causes	850	26.1
<b>Total</b>	<b>3256</b>	<b>100.0</b>

Hispanic Males

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	100	18.9
Diseases of heart	95	18.0
Accidents (unintentional injuries)	65	12.3
Cerebrovascular diseases	26	4.9
Diabetes mellitus	22	4.2
Certain conditions originating in the perinatal period	21	4.0
Chronic lower respiratory diseases	19	3.6
Assault (homicide)	18	3.4
Intentional self-harm (suicide)	14	2.7
Chronic liver disease & cirrhosis	11	2.1
All other causes	137	25.9
<b>Total</b>	<b>528</b>	<b>100.0</b>

Hispanic Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	71	20.9
Diseases of heart	56	16.5
Accidents (unintentional injuries)	23	6.8
Cerebrovascular diseases	23	6.8
Alzheimer's disease	18	5.3
Certain conditions originating in the perinatal period	12	3.5
Diabetes mellitus	11	3.2
Chronic lower respiratory diseases	10	2.9
chromosomal abnormalities	7	2.1
Nephritis, nephrotic syndrome & nephrosis	7	2.1
All other causes	102	30.0
<b>Total</b>	<b>340</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.

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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, 2010-2014

1-4 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	11	78.6
Assault (homicide)	7	50.0
chromosomal abnormalities	6	42.9
Malignant neoplasms	6	42.9
Chronic lower respiratory diseases	2	14.3
Diseases of heart	2	14.3
Complications of medical & surgical care	1	7.1
Nephritis, nephrotic syndrome & nephrosis	1	7.1
Pneumonitis due to solids & liquids	1	7.1
Influenza & pneumonia	1	7.1
Other	14	100.0
<b>Total</b>	<b>52</b>	

5-14 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	21	28.0
Malignant neoplasms	10	13.3
chromosomal abnormalities	6	8.0
Intentional self-harm (suicide)	4	5.3
Diseases of heart	4	5.3
Chronic lower respiratory diseases	3	4.0
Assault (homicide)	2	2.7
Complications of medical & surgical care	1	1.3
Certain conditions originating in the perinatal period	1	1.3
Pneumonitis due to solids & liquids	1	1.3
All other causes	22	29.3
<b>Total</b>	<b>75</b>	<b>100.0</b>

15-24 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	180	40.7
Assault (homicide)	78	17.6
Intentional self-harm (suicide)	72	16.3
Malignant neoplasms	20	4.5
Diseases of heart	18	4.1
Complications of medical & surgical care	4	0.9
Congenital malformations, deformations, & chromosomal abnormalities	4	0.9
Chronic lower respiratory diseases	4	0.9
Septicemia	3	0.7
Nephritis, nephrotic syndrome & nephrosis	2	0.5
All other causes	57	12.9
<b>Total</b>	<b>442</b>	<b>100.0</b>

25-44 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	564	30.7
Diseases of heart	247	13.4
Malignant neoplasms	217	11.8
Intentional self-harm (suicide)	175	9.5
Assault (homicide)	116	6.3
Diabetes mellitus	47	2.6
Human immunodeficiency virus (HIV) disease	37	2.0
Cerebrovascular diseases	34	1.8
Chronic liver disease & cirrhosis	24	1.3
Septicemia	20	1.1
All other causes	359	19.5
<b>Total</b>	<b>1840</b>	<b>100.0</b>

45-64 Years

Cause of Death*	Deaths	
	Number	Percent
Malignant neoplasms	2696	33.2
Diseases of heart	1611	19.8
Accidents (unintentional injuries)	549	6.8
Diabetes mellitus	311	3.8
Chronic lower respiratory diseases	287	3.5
Cerebrovascular diseases	258	3.2
Chronic liver disease & cirrhosis	250	3.1
Intentional self-harm (suicide)	245	3.0
Nephritis, nephrotic syndrome & nephrosis	149	1.8
Septicemia	144	1.8
All other causes	1626	20.0
<b>Total</b>	<b>8126</b>	<b>100.0</b>

65+ Years

Cause of Death*	Deaths	
	Number	Percent
Diseases of heart	7236	25.3
Malignant neoplasms	6653	23.2
Chronic lower respiratory diseases	1949	6.8
Cerebrovascular diseases	1779	6.2
Alzheimer's disease	1003	3.5
Diabetes mellitus	746	2.6
Nephritis, nephrotic syndrome & nephrosis	643	2.2
Influenza & pneumonia	597	2.1
Accidents (unintentional injuries)	570	2.0
Septicemia	469	1.6
All other causes	6983	24.4
<b>Total</b>	<b>28628</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

LCODAGE



TABLE F-12  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2014

(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>	1917	1	1	0	2	2	3	11	33	106	210	332	1216	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	7	0	0	0	0	0	0	0	0	1	0	1	5	0
Hypertensive heart disease (I11)	94	0	0	0	0	0	0	2	5	19	16	15	37	0
Hypertensive heart and renal disease (I13)	13	0	0	0	0	0	0	0	0	2	2	3	6	0
Ischemic heart disease (I20-I25)	1216	0	0	0	0	1	2	9	57	137	218	792	0	0
All other forms of heart disease (I26-I51)	587	1	1	0	2	2	7	19	27	55	95	376	0	0
<b>Malignant neoplasms (C00-C97)</b>	1972	0	3	0	0	2	3	6	25	132	394	565	842	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	35	0	0	0	0	0	0	0	1	6	7	12	9	0
Malignant neoplasms of digestive organs (C15-C26)	482	0	0	0	0	0	0	1	7	34	99	137	204	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	575	0	0	0	0	1	0	2	0	29	112	201	230	0
Malignant neoplasms of breast (C50)	134	0	0	0	0	0	0	0	6	19	35	27	47	0
Malignant neoplasms of female genital organs, (C51-C58)	109	0	0	0	0	0	0	0	2	6	31	32	38	0
Malignant neoplasms of male genital organs, (C60-C63)	93	0	0	0	0	0	0	0	1	2	11	15	64	0
Malignant neoplasms of urinary tract (C64-C68)	103	0	0	0	0	0	0	0	1	6	19	20	57	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	43	0	1	0	0	1	1	1	3	5	17	9	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	198	0	2	0	0	0	1	1	1	10	29	56	98	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	200	0	0	0	0	0	1	1	3	15	34	56	90	0
<b>Cerebrovascular diseases (I60-I69)</b>	439	0	0	0	1	0	1	1	2	13	31	64	326	0

TABLE F-12 (continued)  
(2014 - 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>	458	0	0	0	0	0	1	0	0	0	4	16	43	101	293	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	436	1	3	0	3	16	31	71	60	64	50	35	102	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)	125	0	0	0	2	6	19	25	14	17	16	11	15	0	0	0
Nontransport Accidents (W00-X59, Y86)	306	1	3	0	1	10	12	45	45	46	33	23	87	0	0	0
<b>Diabetes mellitus (E10-E14)</b>	226	0	0	0	0	0	1	2	6	26	43	51	97	0	0	0
<b>Influenza and pneumonia (J10-J18)</b>	156	1	0	0	0	0	0	3	0	8	12	20	112	0	0	0
<b>Alzheimer's disease (G30)</b>	188	0	0	0	0	0	0	0	0	0	0	11	177	0	0	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	172	0	0	0	0	0	0	1	2	7	24	39	99	0	0	0
<b>Septicemia (A40-A41)</b>	136	0	0	0	0	0	0	1	4	7	20	25	79	0	0	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	126	0	0	0	0	3	6	19	24	29	18	11	16	0	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	110	0	0	0	0	0	0	0	5	16	42	23	24	0	0	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	48	0	0	0	0	0	0	0	1	5	6	6	30	0	0	0
<b>Aortic aneurysm and dissection (I71)</b>	30	0	0	0	0	0	0	1	2	3	3	8	13	0	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	57	3	2	0	1	3	10	15	12	5	4	2	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	38	0	0	0	0	0	0	4	3	14	11	5	1	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	21	10	1	0	0	0	1	0	1	2	2	4	0	0	0	0
<b>All other causes</b>	1678	14	2	1	2	2	3	24	32	83	161	244	1110	0	0	0
<b>TOTAL</b>	8252	74	12	1	9	28	60	159	216	536	1074	1546	4637	0	0	0

LCDABSEDE

Note: \*ICD Codes, Tenth Revision.

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

TABLE F-13  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
KENT, 2014

(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>	346	0	0	0	0	0	1	3	9	23	38	61	211	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	24	0	0	0	0	0	0	0	1	5	3	6	9	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	1	0	1	1	0
Ischemic heart disease (I20-I25)	217	0	0	0	0	1	1	2	13	25	40	135	0	0
All other forms of heart disease (I26-I51)	102	0	0	0	0	0	2	6	4	10	14	66	0	0
<b>Malignant neoplasms (C00-C97)</b>	385	0	1	0	0	2	1	5	23	95	104	154	0	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	0	0	0	0	0	0	0	0	0	3	3	0	0
Malignant neoplasms of digestive organs (C15-C26)	104	0	0	0	0	0	0	1	5	23	27	48	0	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	117	0	0	0	0	0	0	0	6	33	39	39	0	0
Malignant neoplasms of breast (C50)	22	0	0	0	0	0	0	2	2	4	6	8	0	0
Malignant neoplasms of female genital organs, (C51-C58)	27	0	0	0	0	0	0	1	2	8	9	7	0	0
Malignant neoplasms of male genital organs, (C60-C63)	18	0	0	0	0	0	0	0	0	1	3	14	0	0
Malignant neoplasms of urinary tract (C64-C68)	20	0	0	0	0	0	0	0	1	5	4	10	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	6	0	1	0	0	1	1	0	1	2	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	32	0	0	0	0	0	0	0	2	5	9	16	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	33	0	0	0	0	1	0	1	4	11	4	12	0	0
<b>Cerebrovascular diseases (I60-I69)</b>	75	0	0	0	0	0	1	1	2	5	17	49	0	0

TABLE F-13 (continued)  
(2014 - 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+
<b>Chronic lower respiratory diseases (J40-J47)</b>	93	0	0	0	0	0	0	0	1	7	10	25	50	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)	92	0	2	0	2	4	4	16	14	16	9	5	20	0
Nontransport Accidents (W00-X59, Y86)	27	0	0	0	1	2	4	7	3	2	5	1	2	0
<b>Diabetes mellitus (E10-E14)</b>	62	0	2	0	1	2	0	9	10	13	4	3	18	0
<b>Influenza and pneumonia (J10-J18)</b>	36	0	0	0	0	0	0	2	0	6	9	7	12	0
<b>Alzheimer's disease (G30)</b>	32	1	0	0	0	0	0	2	0	2	4	4	19	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	21	0	0	0	0	0	0	0	0	0	0	2	19	0
<b>Septicemia (A40-A41)</b>	37	0	0	0	0	0	0	0	1	4	6	10	16	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	31	0	0	0	0	0	0	0	2	2	5	6	16	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	29	0	0	0	0	1	1	6	6	6	5	1	3	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	23	0	0	0	0	0	0	0	1	1	8	8	5	0
<b>Aortic aneurysm and dissection (I71)</b>	11	0	0	0	0	0	0	0	1	1	0	3	6	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	6	0	0	0	0	0	0	0	1	1	2	1	1	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	9	1	0	0	0	0	1	3	2	0	0	2	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	4	0	0	0	0	0	0	0	1	1	1	1	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	7	7	0	0	0	0	0	0	0	0	0	0	0	0
<b>All other causes</b>	5	3	0	0	0	0	0	0	0	0	2	0	0	0
<b>TOTAL</b>	282	1	0	0	0	0	2	6	9	23	25	46	170	0
	1524	13	3	0	2	5	11	40	54	118	224	303	751	0

Note: \*ICD Codes, Tenth Revision. LDAGEKT

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  
NEW CASTLE, 2014

(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>	951	1	1	0	2	2	1	5	17	52	112	155	603	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	6	0	0	0	0	0	0	0	0	1	0	1	4	0
Hypertensive heart disease (I11)	45	0	0	0	0	0	0	0	3	7	8	5	22	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	1	2	1	2	0
Ischemic heart disease (I20-I25)	600	0	0	0	0	0	1	4	31	72	105	387	0	0
All other forms of heart disease (I26-I51)	294	1	1	0	2	2	1	4	10	12	30	43	188	0
<b>Malignant neoplasms (C00-C97)</b>	989	0	1	0	0	2	0	4	17	81	211	246	427	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	19	0	0	0	0	0	0	0	1	3	1	7	7	0
Malignant neoplasms of digestive organs (C15-C26)	242	0	0	0	0	0	0	1	5	23	50	64	99	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	263	0	0	0	0	1	0	2	0	19	56	76	109	0
Malignant neoplasms of breast (C50)	71	0	0	0	0	0	0	0	2	11	21	14	23	0
Malignant neoplasms of female genital organs, (C51-C58)	53	0	0	0	0	0	0	0	1	4	17	15	16	0
Malignant neoplasms of male genital organs, (C60-C63)	60	0	0	0	0	0	0	0	1	2	8	10	39	0
Malignant neoplasms of urinary tract (C64-C68)	49	0	0	0	0	0	0	0	1	2	10	7	29	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	24	0	0	0	0	1	0	0	3	3	10	4	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	107	0	1	0	0	0	0	1	1	7	21	24	52	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	101	0	0	0	0	0	0	0	2	7	17	25	50	0
<b>Cerebrovascular diseases (I60-I69)</b>	252	0	0	0	0	0	0	0	1	7	24	31	189	0

TABLE F-14 (continued)  
(2014 - 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>	223	0	0	0	0	0	0	0	1	6	22	47	147	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)	228	1	0	0	6	21	40	38	32	25	19	46	0	0
Nontransport Accidents (W00-X59, Y86)	59	0	0	0	1	12	12	10	8	5	4	7	0	0
<b>Diabetes mellitus (E10-E14)</b>	168	1	0	0	5	9	27	28	24	20	15	39	0	0
<b>Influenza and pneumonia (J10-J18)</b>	118	0	0	0	0	0	0	6	17	23	31	41	0	0
<b>Alzheimer's disease (G30)</b>	91	0	0	0	0	0	1	0	5	6	11	68	0	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	116	0	0	0	0	0	0	0	0	0	0	6	110	0
<b>Septicemia (A40-A41)</b>	103	0	0	0	0	0	1	1	3	14	19	65	0	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	75	0	0	0	0	0	1	0	2	11	14	47	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	69	0	0	0	0	4	10	13	13	10	6	11	0	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	48	0	0	0	0	0	0	4	9	21	5	9	0	0
<b>Aortic aneurysm and dissection (I71)</b>	25	0	0	0	0	0	0	0	3	4	3	15	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	15	0	0	0	0	0	1	0	1	1	5	7	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	42	0	2	0	1	3	8	11	9	4	4	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	27	0	0	0	0	0	3	1	10	9	3	1	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	29	29	0	0	0	0	0	0	0	0	0	0	0	0
<b>All other causes</b>	11	7	1	0	0	1	0	1	0	0	1	0	0	0
<b>TOTAL</b>	922	49	5	1	5	17	36	92	126	296	596	722	2389	0
	4334													

LCDABGENC

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  
CITY OF WILMINGTON, 2014  
(ALL RACES, BOTH SEXES)

Cause of Death*	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>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	1	5	13	27	31	76	0
Hypertensive heart disease (I11)	10	0	0	0	0	0	0	1	2	2	0	5	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	1	1	0	0	0
Ischemic heart disease (I20-I25)	93	0	0	0	0	0	1	8	16	21	47	0	0
All other forms of heart disease (I26-I51)	50	1	0	0	2	0	1	3	2	8	10	23	0
<b>Malignant neoplasms (C00-C97)</b>													
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	0	0	0	0	0	0	0	0	0	1	2	0
Malignant neoplasms of digestive organs (C15-C26)	48	0	0	0	0	0	0	0	4	10	16	18	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	30	0	0	0	0	0	1	0	2	8	8	11	0
Malignant neoplasms of breast (C50)	7	0	0	0	0	0	0	1	0	3	1	2	0
Malignant neoplasms of female genital organs, (C51-C58)	11	0	0	0	0	0	0	0	2	4	3	2	0
Malignant neoplasms of male genital organs, (C60-C63)	9	0	0	0	0	0	0	0	0	1	3	5	0
Malignant neoplasms of urinary tract (C64-C68)	7	0	0	0	0	0	0	0	0	3	3	1	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	4	0	0	0	0	0	0	1	0	1	0	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	20	0	0	0	0	0	0	0	2	2	10	6	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	18	0	0	0	0	0	0	0	1	6	2	9	0
<b>Cerebrovascular diseases (I60-I69)</b>													
	33	0	0	0	0	0	0	1	0	6	6	20	0

TABLE F-15 (continued)  
 (2014 - City of Wilmington, All Races, 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+
<b>Chronic lower respiratory diseases (J40-J47)</b>	30	0	0	0	0	0	0	1	1	4	6	18	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	41	0	0	0	0	1	2	9	6	3	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)	8	0	0	0	0	0	0	4	2	0	0	1	0
Nontransport Accidents (W00-X59, Y86)	33	0	0	0	0	1	2	5	4	3	4	6	0
<b>Diabetes mellitus (E10-E14)</b>	34	0	0	0	0	0	0	0	2	4	8	12	0
<b>Influenza and pneumonia (J10-J18)</b>	7	0	0	0	0	0	0	1	0	0	1	4	0
<b>Alzheimer's disease (G30)</b>	16	0	0	0	0	0	0	0	0	0	0	14	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	14	0	0	0	0	0	0	0	0	0	2	11	0
<b>Septicemia (A40-A41)</b>	13	0	0	0	0	0	0	0	0	1	4	7	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	12	0	0	0	0	0	0	3	2	1	3	2	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	8	0	0	0	0	0	0	0	0	0	4	3	1
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	12	0	0	0	0	0	0	0	0	2	2	6	0
<b>Aortic aneurysm and dissection (I71)</b>	2	0	0	0	0	0	0	0	0	1	0	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	22	0	2	0	0	2	4	6	3	4	1	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	21	0	0	0	0	0	0	3	1	9	5	2	1
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	8	8	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	3	3	0	0	0	0	0	0	0	0	0	0	0
<b>All other causes</b>	140	2	0	0	0	0	0	4	3	12	18	82	0
<b>TOTAL</b>	729	14	2	0	0	5	6	28	26	62	129	319	0

LCDAGEWLM

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  
SUSSEX, 2014

(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>	620	0	0	0	0	0	1	3	7	31	60	116	402	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)	25	0	0	0	0	0	0	2	1	7	5	4	6	0
Hypertensive heart and renal disease (I13)	4	0	0	0	0	0	0	0	0	0	0	1	3	0
Ischemic heart disease (I20-I25)	399	0	0	0	0	0	0	0	3	13	40	73	270	0
All other forms of heart disease (I26-I51)	191	0	0	0	0	0	1	1	3	11	15	38	122	0
<b>Malignant neoplasms (C00-C97)</b>	598	0	1	0	0	0	1	1	3	28	88	215	261	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	10	0	0	0	0	0	0	0	0	3	3	2	2	0
Malignant neoplasms of digestive organs (C15-C26)	136	0	0	0	0	0	0	0	1	6	26	46	57	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	195	0	0	0	0	0	0	0	0	4	23	86	82	0
Malignant neoplasms of breast (C50)	41	0	0	0	0	0	0	0	2	6	10	7	16	0
Malignant neoplasms of female genital organs, (C51-C58)	29	0	0	0	0	0	0	0	0	0	6	8	15	0
Malignant neoplasms of male genital organs, (C60-C63)	15	0	0	0	0	0	0	0	0	0	2	2	11	0
Malignant neoplasms of urinary tract (C64-C68)	34	0	0	0	0	0	0	0	0	3	4	9	18	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	13	0	0	0	0	0	0	0	0	1	5	5	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	59	0	1	0	0	0	1	0	0	1	3	23	30	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	66	0	0	0	0	0	0	1	0	4	6	27	28	0
<b>Cerebrovascular diseases (I60-I69)</b>	112	0	0	0	0	1	0	0	0	4	2	16	88	0

TABLE F-16 (continued)  
(2014 - 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)	142	0	0	0	0	0	1	0	2	3	11	29	96	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	116	0	1	0	1	6	6	15	8	16	16	11	36	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)	39	0	0	0	1	3	3	6	1	7	6	6	6	0
Nontransport Accidents (W00-X59, Y86)	76	0	1	0	0	3	3	9	7	9	9	5	30	0
Diabetes mellitus (E10-E14)	72	0	0	0	0	0	1	0	0	3	11	13	44	0
Influenza and pneumonia (J10-J18)	33	0	0	0	0	0	0	0	0	1	2	5	25	0
Alzheimer's disease (G30)	51	0	0	0	0	0	0	0	0	0	0	3	48	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	32	0	0	0	0	0	0	0	0	0	4	10	18	0
Septicemia (A40-A41)	30	0	0	0	0	0	0	0	2	3	4	5	16	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	28	0	0	0	0	0	1	3	5	10	3	4	2	0
Chronic liver disease and cirrhosis (K70, K73-K74)	39	0	0	0	0	0	0	0	0	6	13	10	10	0
Essential hypertension and hypertensive renal disease (I10, I12)	12	0	0	0	0	0	0	0	0	1	2	0	9	0
Aortic aneurysm and dissection (I71)	9	0	0	0	0	0	0	0	1	1	0	2	5	0
Assault (homicide) (X85-Y09, Y87.1)	6	2	0	0	0	0	1	1	1	1	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	7	0	0	0	0	0	0	1	1	3	1	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	8	8	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	5	0	0	0	0	0	0	0	0	2	0	3	0	0
All other causes	474	2	2	0	0	0	0	3	6	9	37	78	337	0
<b>TOTAL</b>	<b>2394</b>	<b>12</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>13</b>	<b>27</b>	<b>36</b>	<b>122</b>	<b>254</b>	<b>521</b>	<b>1397</b>	<b>0</b>

LCDAGESX

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, 2014  
(ALL RACES, MALES)

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	1016	1	0	0	1	2	3	10	15	73	149	198	564	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)	52	0	0	0	0	0	0	2	2	15	11	7	15	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	2	2	1	2	0
Ischemic heart disease (I20-I25)	659	0	0	0	0	0	1	2	6	37	99	140	374	0
All other forms of heart disease (I26-I51)	297	1	0	0	1	2	2	6	7	19	37	50	172	0
<b>Malignant neoplasms (C00-C97)</b>	1019	0	2	0	0	1	3	4	9	64	189	309	438	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	21	0	0	0	0	0	0	0	0	4	4	9	4	0
Malignant neoplasms of digestive organs (C15-C26)	284	0	0	0	0	0	0	0	3	22	66	82	111	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	292	0	0	0	0	1	0	2	0	15	53	101	120	0
Malignant neoplasms of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	93	0	0	0	0	0	0	0	1	2	11	15	64	0
Malignant neoplasms of urinary tract (C64-C68)	71	0	0	0	0	0	0	0	1	4	15	17	34	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	23	0	1	0	0	0	1	1	2	3	5	7	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	117	0	1	0	0	0	1	1	0	8	15	39	52	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	118	0	0	0	0	0	1	0	2	6	20	39	50	0
<b>Cerebrovascular diseases (I60-I69)</b>	178	0	0	0	0	1	0	0	2	4	13	37	121	0

TABLE F-17 (continued)  
(2014 - 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+	
<b>Chronic lower respiratory diseases (J40-J47)</b>	214	0	0	0	0	0	1	0	2	9	22	49	131	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	277	1	1	0	1	10	23	50	43	40	33	23	52	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)	85	0	0	0	0	4	14	20	11	11	12	6	7	0
Nontransport Accidents (W00-X59, Y86)	187	1	1	0	1	6	9	29	31	28	20	16	45	0
<b>Diabetes mellitus (E10-E14)</b>	124	0	0	0	0	0	1	1	2	13	29	32	46	0
<b>Influenza and pneumonia (J10-J18)</b>	66	0	0	0	0	0	0	0	0	5	7	10	44	0
<b>Alzheimer's disease (G30)</b>	55	0	0	0	0	0	0	0	0	0	0	5	50	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	89	0	0	0	0	0	0	1	0	5	14	17	52	0
<b>Septicemia (A40-A41)</b>	67	0	0	0	0	0	0	0	1	4	15	13	34	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	100	0	0	0	0	1	3	14	20	25	14	10	13	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	66	0	0	0	0	0	0	0	4	8	27	15	12	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	19	0	0	0	0	0	0	0	0	4	2	5	8	0
<b>Aortic aneurysm and dissection (I71)</b>	21	0	0	0	0	0	0	1	2	3	2	7	6	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	47	2	0	0	1	3	9	13	11	3	3	2	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	24	0	0	0	0	0	0	3	1	10	7	2	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	23	23	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	8	3	1	0	0	0	1	0	1	1	0	1	0	0
<b>All other causes</b>	777	4	1	0	2	2	1	15	20	50	83	135	464	0
<b>TOTAL</b>	4190	34	5	0	6	19	45	112	133	321	609	870	2036	0

LCDAGMAL

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, 2014

(ALL RACES, FEMALES)

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	901	0	1	0	1	0	0	1	18	33	61	134	652	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	6	0	0	0	0	0	0	0	0	1	0	1	4	0
Hypertensive heart disease (I11)	42	0	0	0	0	0	0	0	3	4	5	8	22	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	0	0	2	4	0
Ischemic heart disease (I20-I25)	557	0	0	0	0	0	0	0	3	20	38	78	418	0
All other forms of heart disease (I26-I51)	290	0	1	0	0	0	0	1	12	8	18	45	204	0
<b>Malignant neoplasms (C00-C97)</b>	953	0	1	0	0	1	0	2	16	68	205	256	404	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	14	0	0	0	0	0	0	0	1	2	3	3	5	0
Malignant neoplasms of digestive organs (C15-C26)	198	0	0	0	0	0	0	1	4	12	33	55	93	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	283	0	0	0	0	0	0	0	0	14	59	100	110	0
Malignant neoplasms of breast (C50)	134	0	0	0	0	0	0	0	6	19	35	27	47	0
Malignant neoplasms of female genital organs, (C51-C58)	109	0	0	0	0	0	0	0	2	6	31	32	38	0
Malignant neoplasms of urinary tract (C64-C68)	32	0	0	0	0	0	0	0	0	2	4	3	23	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	20	0	0	0	0	1	0	0	1	2	12	2	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	81	0	1	0	0	0	0	0	1	2	14	17	46	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	82	0	0	0	0	0	0	1	1	9	14	17	40	0
<b>Cerebrovascular diseases (I60-I69)</b>	261	0	0	0	0	0	1	1	0	9	18	27	205	0

TABLE F-18 (continued)  
(2014 - 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>	244	0	0	0	0	0	0	0	2	7	21	52	162	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	159	0	2	0	2	6	8	21	17	24	17	12	50	0
Motor Vehicle Accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	40	0	0	0	2	2	5	5	3	6	4	5	8	0
Nontransport Accidents (W00-X59, Y86)	119	0	2	0	0	4	3	16	14	18	13	7	42	0
<b>Diabetes mellitus (E10-E14)</b>	102	0	0	0	0	0	0	1	4	13	14	19	51	0
<b>Influenza and pneumonia (J10-J18)</b>	90	1	0	0	0	0	0	3	0	3	5	10	68	0
<b>Alzheimer's disease (G30)</b>	133	0	0	0	0	0	0	0	0	0	0	6	127	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	83	0	0	0	0	0	0	0	2	2	10	22	47	0
<b>Septicemia (A40-A41)</b>	69	0	0	0	0	0	0	1	3	3	5	12	45	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	26	0	0	0	0	2	3	5	4	4	4	1	3	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	44	0	0	0	0	0	0	0	1	8	15	8	12	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	29	0	0	0	0	0	0	0	1	1	4	1	22	0
<b>Aortic aneurysm and dissection (I71)</b>	9	0	0	0	0	0	0	0	0	0	1	1	7	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	10	1	2	0	0	0	1	2	1	2	1	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	14	0	0	0	0	0	0	1	2	4	4	3	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	21	21	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	13	7	0	0	0	0	0	0	0	1	2	3	0	0
<b>All Other Causes</b>	901	10	1	1	1	0	2	9	12	33	78	109	646	0
<b>TOTAL</b>	4062	40	7	1	3	9	15	47	83	215	465	676	2501	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, 2014

(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>	1565	1	1	0	1	0	3	7	20	70	157	245	1060	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	7	0	0	0	0	0	0	0	0	1	0	1	5	0
Hypertensive heart disease (I11)	72	0	0	0	0	0	0	2	3	11	15	11	30	0
Hypertensive heart and renal disease (I13)	4	0	0	0	0	0	0	0	0	0	0	1	3	0
Ischemic heart disease (I20-I25)	1005	0	0	0	0	0	1	2	6	39	103	159	695	0
All other forms of heart disease (I26-I51)	477	1	1	0	1	0	2	3	11	19	39	73	327	0
<b>Malignant neoplasms (C00-C97)</b>	1601	0	1	0	0	1	1	5	18	93	297	465	720	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	26	0	0	0	0	0	0	0	1	5	5	7	8	0
Malignant neoplasms of digestive organs (C15-C26)	379	0	0	0	0	0	0	1	2	23	70	111	172	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	481	0	0	0	0	0	0	1	0	22	88	175	195	0
Malignant neoplasms of breast (C50)	109	0	0	0	0	0	0	0	5	13	27	24	40	0
Malignant neoplasms of female genital organs, (C51-C58)	83	0	0	0	0	0	0	0	2	4	22	25	30	0
Malignant neoplasms of male genital organs, (C60-C63)	67	0	0	0	0	0	0	0	1	2	6	10	48	0
Malignant neoplasms of urinary tract (C64-C68)	94	0	0	0	0	0	0	0	1	5	16	17	55	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	39	0	0	0	0	1	1	1	2	4	17	8	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	153	0	1	0	0	0	0	1	1	5	22	38	85	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	170	0	0	0	0	0	0	1	3	10	24	50	82	0
<b>Cerebrovascular diseases (I60-I69)</b>	358	0	0	0	1	0	0	1	1	7	22	43	283	0

TABLE F-19 (continued)  
(2014 - 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+
Chronic lower respiratory diseases (J40-J47)	410	0	0	0	0	0	0	0	2	13	39	85	271	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	365	0	1	0	2	11	27	56	48	57	39	29	95	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)	100	0	0	0	1	5	15	17	12	13	11	11	15	0
Nontransport Accidents (W00-X59, Y86)	260	0	1	0	1	6	12	38	35	43	27	17	80	0
Diabetes mellitus (E10-E14)	156	0	0	0	0	0	1	2	2	14	28	39	70	0
Influenza and pneumonia (J10-J18)	131	0	0	0	0	0	0	2	0	4	9	18	98	0
Alzheimer's disease (G30)	162	0	0	0	0	0	0	0	0	0	0	11	151	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	116	0	0	0	0	0	0	1	1	3	12	28	71	0
Septicemia (A40-A41)	113	0	0	0	0	0	1	3	4	18	19	68	0	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	117	0	0	0	0	1	5	18	22	27	18	10	16	0
Chronic liver disease and cirrhosis (K70, K73-K74)	97	0	0	0	0	0	0	0	3	12	39	21	22	0
Essential hypertension and hypertensive renal disease (I10, I12)	30	0	0	0	0	0	0	0	0	2	4	2	22	0
Aortic aneurysm and dissection (I71)	24	0	0	0	0	0	1	2	1	1	3	6	11	0
Assault (homicide) (X85-Y09, Y87.1)	12	0	1	0	1	0	2	0	2	2	3	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	8	0	0	0	0	0	0	0	0	5	2	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	23	23	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	13	5	1	0	0	0	0	0	1	2	1	3	0	0
All other causes	1376	9	1	0	1	1	3	14	23	52	119	199	954	0
<b>TOTAL</b>	<b>6677</b>	<b>38</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>14</b>	<b>42</b>	<b>108</b>	<b>148</b>	<b>368</b>	<b>810</b>	<b>1225</b>	<b>3912</b>	<b>0</b>

LCDAGWHT

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, 2014  
(WHITE MALES)

Cause of Death*	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>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	845	1	0	0	1	0	3	7	11	50	117	153	502	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)	39	0	0	0	0	0	0	2	1	8	10	4	14	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	0	0	1	2	0
Ischemic heart disease (I20-I25)	554	0	0	0	0	1	2	5	27	81	108	330	0	0
All other forms of heart disease (I26-I51)	248	1	0	0	1	0	2	3	5	15	26	40	155	0
<b>Malignant neoplasms (C00-C97)</b>	836	0	0	0	0	0	1	3	8	49	142	250	383	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	12	0	0	0	0	0	0	0	0	3	2	4	3	0
Malignant neoplasms of digestive organs (C15-C26)	239	0	0	0	0	0	0	2	17	50	71	99	0	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	240	0	0	0	0	0	0	1	0	13	41	82	103	0
Malignant neoplasms of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	67	0	0	0	0	0	0	0	1	2	6	10	48	0
Malignant neoplasms of urinary tract (C64-C68)	66	0	0	0	0	0	0	0	1	3	14	15	33	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	22	0	0	0	0	0	1	1	2	3	5	7	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	87	0	0	0	0	0	0	1	0	4	10	26	46	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	103	0	0	0	0	0	0	2	4	14	35	48	0	0
<b>Cerebrovascular diseases (I60-I69)</b>	139	0	0	0	1	0	0	1	2	9	23	103	0	0

TABLE F-20 (continued)  
(2014 - White Males)

	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>	192	0	0	0	0	0	0	0	1	8	20	43	120	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)	230	0	0	0	1	6	20	38	34	36	27	19	49	0
Nontransport Accidents (W00-X59, Y86)	69	0	0	0	0	4	11	14	9	9	9	6	7	0
<b>Diabetes mellitus (E10-E14)</b>	156	0	0	0	1	2	9	23	24	26	17	12	42	0
<b>Influenza and pneumonia (J10-J18)</b>	87	0	0	0	0	0	1	1	1	5	20	26	33	0
<b>Alzheimer's disease (G30)</b>	59	0	0	0	0	0	0	0	0	4	7	9	39	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	49	0	0	0	0	0	0	0	0	0	0	5	44	0
<b>Septicemia (A40-A41)</b>	60	0	0	0	0	0	0	1	0	3	7	12	37	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	56	0	0	0	0	0	0	0	1	3	14	9	29	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	93	0	0	0	0	0	3	13	18	23	14	9	13	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	60	0	0	0	0	0	0	0	2	6	27	14	11	0
<b>Aortic aneurysm and dissection (I71)</b>	10	0	0	0	0	0	0	0	0	2	2	2	4	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	17	0	0	0	0	0	0	1	2	1	2	5	6	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	8	0	0	0	1	0	1	0	2	1	2	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	7	0	0	0	0	0	0	0	0	4	2	1	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	15	15	0	0	0	0	0	0	0	0	0	0	0	0
<b>All other causes</b>	5	1	1	0	0	0	0	0	1	1	0	1	0	0
<b>TOTAL</b>	631	2	1	0	1	1	1	10	16	32	59	109	399	0
	3399	19	2	0	5	7	30	74	98	230	471	691	1772	0

LCDAGEWM

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, 2014  
(WHITE FEMALES)

Cause of Death*	Age of Decedent													
	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	720	0	1	0	0	0	0	0	9	20	40	92	558	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	6	0	0	0	0	0	0	0	0	1	0	1	4	0
Hypertensive heart disease (I11)	33	0	0	0	0	0	0	0	2	3	5	7	16	0
Hypertensive heart and renal disease (I13)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Ischemic heart disease (I20-I25)	451	0	0	0	0	0	0	0	1	12	22	51	365	0
All other forms of heart disease (I26-I51)	229	0	1	0	0	0	0	0	6	4	13	33	172	0
<b>Malignant neoplasms (C00-C97)</b>	765	0	1	0	0	1	0	2	10	44	155	215	337	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	14	0	0	0	0	0	0	0	1	2	3	3	5	0
Malignant neoplasms of digestive organs (C15-C26)	140	0	0	0	0	0	0	1	0	6	20	40	73	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	241	0	0	0	0	0	0	0	0	9	47	93	92	0
Malignant neoplasms of breast (C50)	109	0	0	0	0	0	0	0	5	13	27	24	40	0
Malignant neoplasms of female genital organs, (C51-C58)	83	0	0	0	0	0	0	0	2	4	22	25	30	0
Malignant neoplasms of urinary tract (C64-C68)	28	0	0	0	0	0	0	0	0	2	2	2	22	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	17	0	0	0	0	1	0	0	0	1	12	1	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	66	0	1	0	0	0	0	0	1	1	12	12	39	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	67	0	0	0	0	0	0	1	1	6	10	15	34	0
<b>Cerebrovascular diseases (I60-I69)</b>	219	0	0	0	0	0	0	1	0	5	13	20	180	0

TABLE F-21 (continued)  
(2014 - White Females)

	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>	218	0	0	0	0	0	0	0	0	1	5	19	42	151	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)	135	0	1	0	1	5	7	18	14	21	12	10	46	0	0
Nontransport Accidents (W00-X59, Y86)	31	0	0	0	1	1	4	3	3	4	2	5	8	0	0
<b>Diabetes mellitus (E10-E14)</b>	104	0	1	0	0	4	3	15	11	17	10	5	38	0	0
<b>Influenza and pneumonia (J10-J18)</b>	69	0	0	0	0	0	0	1	1	9	8	13	37	0	0
<b>Alzheimer's disease (G30)</b>	72	0	0	0	0	0	0	2	0	0	2	9	59	0	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	113	0	0	0	0	0	0	0	0	0	0	0	6	107	0
<b>Septicemia (A40-A41)</b>	56	0	0	0	0	0	0	0	1	0	0	5	16	34	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	57	0	0	0	0	0	0	1	2	1	4	10	39	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	24	0	0	0	0	1	2	5	4	4	4	1	3	0	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	37	0	0	0	0	0	0	0	1	6	12	7	11	0	0
<b>Aortic aneurysm and dissection (I71)</b>	20	0	0	0	0	0	0	0	0	0	2	0	18	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	7	0	0	0	0	0	0	0	0	0	1	1	5	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	4	0	1	0	0	0	1	0	0	0	1	1	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>All other causes</b>	8	4	0	0	0	0	0	0	0	1	1	2	0	0	0
<b>TOTAL</b>	745	7	0	0	0	0	2	4	7	20	60	90	555	0	0
<b>TOTAL</b>	3278	19	4	0	1	7	12	34	50	138	339	534	2140	0	0

LCDAGEWF

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, 2014  
 (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>	320	0	0	0	1	2	0	4	13	36	49	78	137	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)	21	0	0	0	0	0	0	0	2	8	1	4	6	0
Hypertensive heart and renal disease (I13)	9	0	0	0	0	0	0	0	0	2	2	2	3	0
Ischemic heart disease (I20-I25)	188	0	0	0	0	0	0	0	3	18	31	52	84	0
All other forms of heart disease (I26-I51)	102	0	0	0	1	2	0	4	8	8	15	20	44	0
<b>Malignant neoplasms (C00-C97)</b>	334	0	1	0	0	1	2	1	7	35	90	90	107	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	8	0	0	0	0	0	0	0	0	1	2	4	1	0
Malignant neoplasms of digestive organs (C15-C26)	94	0	0	0	0	0	0	0	5	10	28	25	26	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	84	0	0	0	0	1	0	1	0	5	22	24	31	0
Malignant neoplasms of breast (C50)	24	0	0	0	0	0	0	0	1	5	8	3	7	0
Malignant neoplasms of female genital organs, (C51-C58)	23	0	0	0	0	0	0	0	0	2	8	5	8	0
Malignant neoplasms of male genital organs, (C60-C63)	24	0	0	0	0	0	0	0	0	0	5	5	14	0
Malignant neoplasms of urinary tract (C64-C68)	8	0	0	0	0	0	0	0	0	1	3	3	1	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	3	0	1	0	0	0	0	0	1	1	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	39	0	0	0	0	0	1	0	0	5	5	16	12	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	27	0	0	0	0	0	1	0	0	5	9	5	7	0
<b>Cerebrovascular diseases (I60-I69)</b>	73	0	0	0	0	0	1	0	1	5	8	19	39	0

TABLE F-22 (continued)  
(2014 - Black, 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>	46	0	0	0	0	0	1	0	2	3	4	16	20	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	64	0	2	0	1	4	3	13	12	7	11	5	6	0
Motor Vehicle Accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	22	0	0	0	1	0	3	7	2	4	5	0	0	0
Nontransport Accidents (W00-X59, Y86)	42	0	2	0	0	4	0	6	10	3	6	5	6	0
<b>Diabetes mellitus (E10-E14)</b>	62	0	0	0	0	0	0	0	4	11	12	11	24	0
<b>Influenza and pneumonia (J10-J18)</b>	23	1	0	0	0	0	0	1	0	4	2	2	13	0
<b>Alzheimer's disease (G30)</b>	23	0	0	0	0	0	0	0	0	0	0	0	23	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	53	0	0	0	0	0	0	0	1	4	12	9	27	0
<b>Septicemia (A40-A41)</b>	21	0	0	0	0	0	0	0	0	3	2	6	10	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	6	0	0	0	0	2	1	0	2	1	0	0	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	12	0	0	0	0	0	0	0	2	4	3	1	2	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	16	0	0	0	0	0	0	0	1	2	2	3	8	0
<b>Aortic aneurysm and dissection (I71)</b>	6	0	0	0	0	0	0	0	0	2	0	2	2	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	43	3	1	0	0	3	8	14	9	3	1	1	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	30	0	0	0	0	0	0	4	3	9	9	4	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	17	17	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	8	5	0	0	0	0	1	0	0	0	1	1	0	0
<b>All other causes</b>	278	4	0	0	1	0	0	10	7	30	40	44	142	0
<b>TOTAL</b>	1435	30	4	0	3	12	17	47	64	159	246	292	561	0

Note: \*ICD Codes, Tenth Revision.

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

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TABLE F-23  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2014  
(BLACK MALES)

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the heart (I00-I09, I11, I13, I20-I51)</b>	155	0	0	0	0	2	0	3	4	23	28	41	54	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)	13	0	0	0	0	0	0	0	1	7	1	3	1	0
Hypertensive heart and renal disease (I13)	4	0	0	0	0	0	0	0	0	2	2	0	0	0
Ischemic heart disease (I20-I25)	92	0	0	0	0	0	0	0	1	10	15	28	38	0
All other forms of heart disease (I26-I51)	46	0	0	0	0	2	0	3	2	4	10	10	15	0
<b>Malignant neoplasms (C00-C97)</b>	165	0	1	0	0	1	2	1	1	14	43	56	46	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	8	0	0	0	0	0	0	0	0	1	2	4	1	0
Malignant neoplasms of digestive organs (C15-C26)	41	0	0	0	0	0	0	0	1	5	15	11	9	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	48	0	0	0	0	1	0	1	0	1	11	18	16	0
Malignant neoplasms of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	24	0	0	0	0	0	0	0	0	0	5	5	14	0
Malignant neoplasms of urinary tract (C64-C68)	4	0	0	0	0	0	0	0	0	1	1	2	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	26	0	0	0	0	0	1	0	0	4	4	12	5	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	13	0	0	0	0	0	1	0	0	2	5	4	1	0
<b>Cerebrovascular diseases (I60-I69)</b>	34	0	0	0	0	0	0	0	1	2	4	12	15	0

TABLE F-23 (continued)  
(2014 - 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)	20	0	0	0	0	0	1	0	1	1	2	6	9	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	42	0	1	0	0	4	2	10	9	4	6	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)	14	0	0	0	0	0	2	5	2	2	3	0	0	0
Nontransport Accidents (W00-X59, Y86)	28	0	1	0	0	4	0	5	7	2	3	4	2	0
Diabetes mellitus (E10-E14)	34	0	0	0	0	0	0	0	1	8	7	6	12	0
Influenza and pneumonia (J10-J18)	7	0	0	0	0	0	0	0	0	1	0	1	5	0
Alzheimer's disease (G30)	5	0	0	0	0	0	0	0	0	0	0	0	5	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	26	0	0	0	0	0	0	0	0	2	7	3	14	0
Septicemia (A40-A41)	11	0	0	0	0	0	0	0	0	1	1	4	5	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	0	0	0	0	1	0	0	2	1	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	6	0	0	0	0	0	0	0	2	2	0	1	1	0
Essential hypertension and hypertensive renal disease (I10, I12)	7	0	0	0	0	0	0	0	0	1	0	2	4	0
Aortic aneurysm and dissection (I71)	4	0	0	0	0	0	0	0	0	2	0	2	0	0
Assault (homicide) (X85-Y09, Y87.1)	38	2	0	0	0	3	8	13	8	2	1	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	17	0	0	0	0	0	0	3	1	6	5	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	7	7	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	3	2	0	0	0	0	1	0	0	0	0	0	0	0
All other causes	133	2	0	0	1	0	0	5	2	18	22	26	57	0
<b>TOTAL</b>	<b>718</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>14</b>	<b>35</b>	<b>32</b>	<b>88</b>	<b>126</b>	<b>166</b>	<b>230</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, 2014  
(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>	165	0	0	0	1	0	0	1	9	13	21	37	83	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	8	0	0	0	0	0	0	1	1	1	0	1	5	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	0	0	2	3	0
Ischemic heart disease (I20-I25)	96	0	0	0	0	0	0	2	8	8	16	24	46	0
All other forms of heart disease (I26-I51)	56	0	0	0	1	0	1	6	4	4	5	10	29	0
<b>Malignant neoplasms (C00-C97)</b>	169	0	0	0	0	0	0	6	21	47	34	61	0	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)	53	0	0	0	0	0	0	4	5	13	14	17	0	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	36	0	0	0	0	0	0	0	4	11	6	15	0	0
Malignant neoplasms of breast (C50)	24	0	0	0	0	0	0	1	5	8	3	7	0	0
Malignant neoplasms of female genital organs, (C51-C58)	23	0	0	0	0	0	0	0	2	8	5	8	0	0
Malignant neoplasms of urinary tract (C64-C68)	4	0	0	0	0	0	0	0	0	2	1	1	0	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	2	0	0	0	0	0	0	1	1	0	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	13	0	0	0	0	0	0	0	1	1	4	7	0	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	14	0	0	0	0	0	0	0	3	4	1	6	0	0
<b>Cerebrovascular diseases (I60-I69)</b>	39	0	0	0	0	0	1	0	3	4	7	24	0	0

TABLE F-24 (continued)  
(2014 - Black Females)

	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>	26	0	0	0	0	0	0	0	1	2	2	10	11	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	22	0	1	0	1	0	1	3	3	3	5	1	4	0
Motor Vehicle Accidents (V02-V04, V09.0-V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	8	0	0	0	1	0	1	2	0	2	2	0	0	0
Nontransport Accidents (W00-X59, Y86)	14	0	1	0	0	0	1	3	1	3	1	3	4	0
<b>Diabetes mellitus (E10-E14)</b>	28	0	0	0	0	0	0	0	3	3	5	5	12	0
<b>Influenza and pneumonia (J10-J18)</b>	16	1	0	0	0	0	1	0	3	2	1	1	8	0
<b>Alzheimer's disease (G30)</b>	18	0	0	0	0	0	0	0	0	0	0	0	18	0
<b>Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)</b>	27	0	0	0	0	0	0	0	1	2	5	6	13	0
<b>Septicemia (A40-A41)</b>	10	0	0	0	0	0	0	0	0	2	1	2	5	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	2	0	0	0	0	1	0	0	0	0	0	0	0	0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	6	0	0	0	0	0	0	0	0	2	3	0	1	0
<b>Essential hypertension and hypertensive renal disease (I10, I12)</b>	9	0	0	0	0	0	0	0	1	1	2	1	4	0
<b>Aortic aneurysm and dissection (I71)</b>	2	0	0	0	0	0	0	0	0	0	0	0	2	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	5	1	1	0	0	0	0	1	1	1	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	13	0	0	0	0	0	0	1	2	3	4	3	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	10	10	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	5	3	0	0	0	0	0	0	0	0	1	1	0	0
<b>All other causes</b>	145	2	0	0	0	0	5	5	12	18	18	85	0	0
<b>TOTAL</b>	717	17	2	0	2	1	3	12	32	71	120	126	331	0

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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

U.S., DELAWARE, AND COUNTIES, 2000-2014

Area/ Race	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Delaware</b>	68	67	70	80	58	63	53	55	58	41	46	36	36	36	38
Males	46	47	51	58	36	43	33	33	27	27	33	28	24	28	24
White	11	10	14	18	7	8	9	13	11	5	7	7	5	8	7
Black	35	37	37	40	29	35	24	20	16	22	26	21	19	20	17
Females	22	20	19	22	22	20	20	22	31	14	13	8	12	8	14
White	2	1	6	3	6	2	1	1	6	2	4	0	3	0	1
Black	20	19	13	19	16	18	19	21	25	12	9	8	9	7	13
<b>Kent</b>	4	9	4	8	8	5	11	9	8	5	10	5	8	4	4
Males	0	5	4	7	5	2	7	5	2	5	6	5	6	4	2
White	0	2	0	2	2	0	1	2	1	2	2	2	2	1	0
Black	0	3	4	5	3	2	6	3	1	3	4	3	4	3	2
Females	4	4	0	1	3	3	4	4	6	0	4	0	2	0	2
White	2	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Black	2	4	0	0	3	3	4	4	5	0	4	0	2	0	2
<b>New Castle</b>	54	52	56	69	46	51	34	39	42	34	31	25	27	27	27
Males	37	38	40	49	29	35	19	21	17	21	23	18	17	19	18
White	6	6	9	15	4	6	5	6	4	2	2	4	3	4	6
Black	31	32	31	34	25	29	14	15	13	19	21	14	14	15	12
Females	17	14	16	20	17	16	15	18	25	13	8	7	10	8	9
White	0	1	4	2	5	2	1	1	5	1	4	0	3	0	1
Black	17	13	12	18	12	14	14	17	20	12	4	7	7	7	8
Wilmington	35	37	28	43	25	33	19	22	29	27	19	15	15	18	21
Males	25	28	22	30	15	21	7	10	13	16	16	9	9	13	16
White	4	3	4	5	0	2	0	0	1	1	0	0	2	1	4
Black	21	25	18	25	15	19	7	10	12	15	16	9	7	12	12
Females	10	9	6	13	10	12	12	12	16	11	3	6	6	5	5
White	0	1	0	0	1	1	1	1	3	1	1	0	0	0	0
Black	10	8	6	13	9	11	11	11	13	10	2	6	6	4	5
Bal of NCCo	19	15	28	26	21	18	15	17	13	7	12	10	12	9	6
Males	12	10	18	19	14	14	12	11	4	5	7	9	8	6	2
White	2	3	5	10	4	4	5	6	3	1	2	4	1	3	2
Black	10	7	13	9	10	10	7	5	1	4	5	5	7	3	0
Females	7	5	10	7	7	4	3	6	9	2	5	1	4	3	4
White	0	0	4	2	4	1	0	0	2	0	3	0	3	0	1
Black	7	5	6	5	3	3	3	6	7	2	2	1	1	3	3
<b>Sussex</b>	10	6	10	3	4	7	8	7	8	2	5	6	1	5	7
Males	9	4	7	2	2	6	7	7	8	1	4	5	1	5	4
White	5	2	5	1	1	2	3	5	6	1	3	1	0	3	1
Black	4	2	2	1	1	4	4	2	2	0	1	4	1	2	3
Females	1	2	3	1	2	1	1	0	0	1	1	1	0	0	3
White	0	0	2	0	1	0	0	0	0	1	0	0	0	0	0
Black	1	2	1	1	1	1	1	0	0	0	1	1	0	0	3
<b>Hispanic</b>	1	3	4	2	1	2	1	1	1	1	1	2	0	1	0
Males	1	2	4	1	0	2	0	0	1	1	1	2	0	0	0
Females	0	1	0	1	1	0	1	1	0	0	0	0	0	1	0

**Notes:**

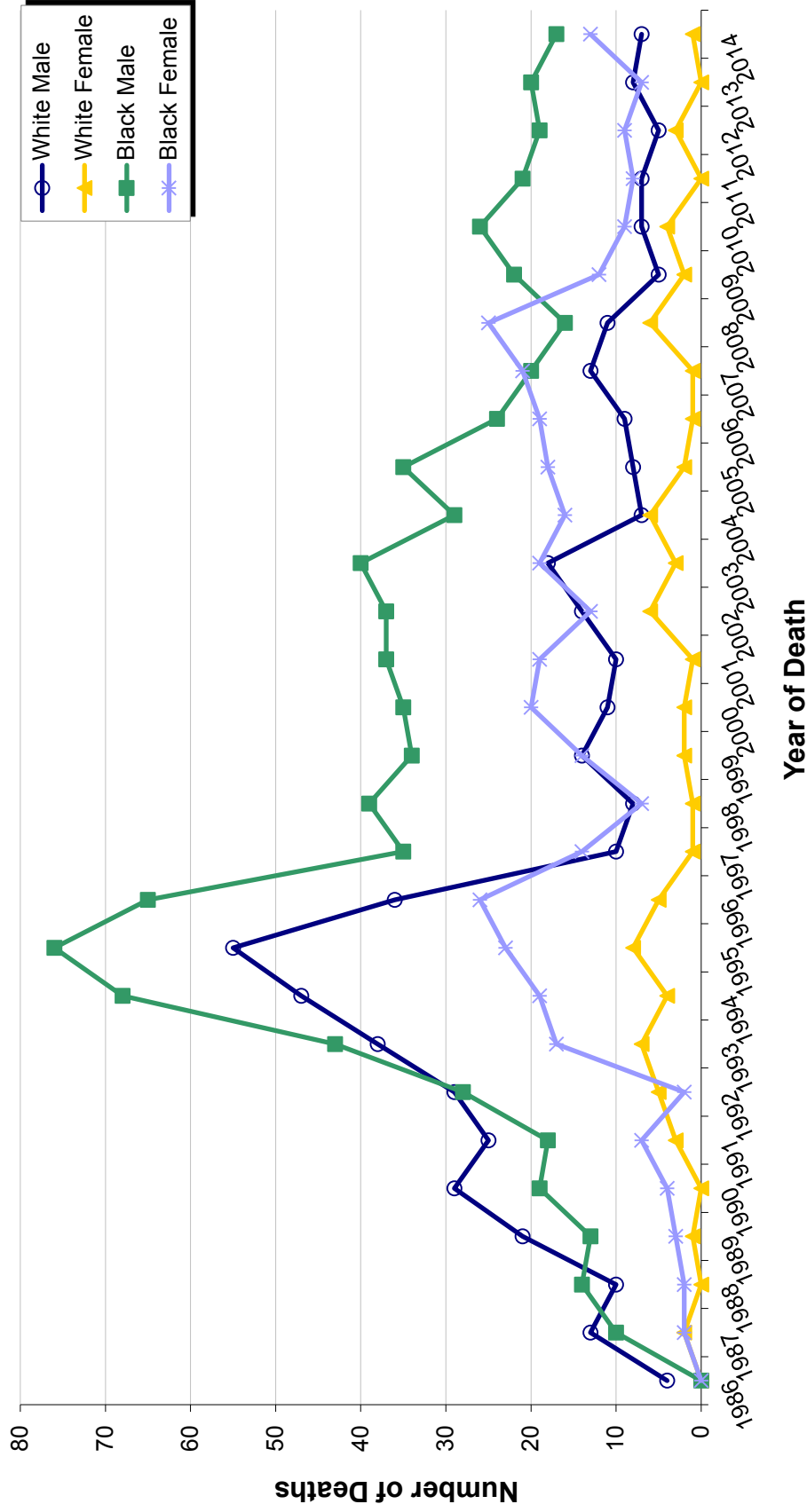
1. See Table F-12 for ICD-9 and ICD-10 Codes.
2. People of Hispanic origin may be of any race. See Hispanic Origin in the Technical Notes.

AIDS

**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, 1986-2014**



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 AND RACE  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2014

Area/ Method of Disposition	Race							
	All Races		White		Black		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	8252	100.0	6677	100.0	1435	100.0	140	100.0
Burial	4041	49.0	3033	45.4	948	66.1	60	42.9
Cremation	3799	46.0	3275	49.0	452	31.5	72	51.4
Donation	96	1.2	93	1.4	2	0.1	1	0.7
Entombment	153	1.9	148	2.2	3	0.2	2	1.4
Removal from State	154	1.9	121	1.8	28	2.0	5	3.6
Unknown	9	0.1	7	0.1	2	0.1	0	0.0
<b>Kent</b>	1524	100.0	1196	100.0	299	100.0	29	100.0
Burial	773	50.7	556	46.5	203	67.9	14	48.3
Cremation	699	45.9	600	50.2	86	28.8	13	44.8
Donation	13	0.9	12	1.0	0	0.0	1	3.4
Entombment	4	0.3	4	0.3	0	0.0	0	0.0
Removal from State	33	2.2	22	1.8	10	3.3	1	3.4
Unknown	2	0.1	2	0.2	0	0.0	0	0.0
<b>New Castle</b>	4334	100.0	3354	100.0	901	100.0	79	100.0
Burial	2186	50.4	1577	47.0	580	64.4	29	36.7
Cremation	1882	43.4	1536	45.8	299	33.2	47	59.5
Donation	46	1.1	44	1.3	2	0.2	0	0.0
Entombment	125	2.9	122	3.6	3	0.3	0	0.0
Removal from State	90	2.1	72	2.1	15	1.7	3	3.8
Unknown	5	0.1	3	0.1	2	0.2	0	0.0
Wilmington	729	100.0	326	100.0	395	100.0	8	100.0
Burial	406	55.7	148	45.4	255	64.6	3	37.5
Cremation	283	38.8	148	45.4	130	32.9	5	62.5
Donation	3	0.4	2	0.6	1	0.3	0	0.0
Entombment	21	2.9	18	5.5	3	0.8	0	0.0
Removal from State	15	2.1	10	3.1	5	1.3	0	0.0
Unknown	1	0.1	0	0.0	1	0.3	0	0.0
Balance of NC County	3605	100.0	3028	100.0	506	100.0	71	100.0
Burial	1780	49.4	1429	47.2	325	64.2	26	36.6
Cremation	1599	44.4	1388	45.8	169	33.4	42	59.2
Donation	43	1.2	42	1.4	1	0.2	0	0.0
Entombment	104	2.9	104	3.4	0	0.0	0	0.0
Removal from State	75	2.1	62	2.0	10	2.0	3	4.2
Unknown	4	0.1	3	0.1	1	0.2	0	0.0
<b>Sussex</b>	2394	100.0	2127	100.0	235	100.0	32	100.0
Burial	1082	45.2	900	42.3	165	70.2	17	53.1
Cremation	1218	50.9	1139	53.5	67	28.5	12	37.5
Donation	37	1.5	37	1.7	0	0.0	0	0.0
Entombment	24	1.0	22	1.0	0	0.0	2	6.3
Removal from State	31	1.3	27	1.3	3	1.3	1	3.1
Unknown	2	0.1	2	0.1	0	0.0	0	0.0

DISPRACE

**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, 1994-2014

Year	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
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
1994	75.1	71.4	78.7	76.1	72.6	79.6	69.5	65.0	74.1

**Note:** \*Life expectancy at birth is the average expected lifetime of people born in the listed year. LIFE\_TB1

**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, 2014

Age Group	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
0-5	79.6	76.9	82.1	79.8	77.1	82.5	76.7	73.8	79.4
5-10	75.1	72.4	77.8	75.3	72.5	78.0	72.5	69.4	75.2
10-15	70.1	67.4	72.8	70.3	67.5	73.0	67.5	64.4	70.2
15-20	65.2	62.5	67.8	65.3	62.6	68.0	62.6	59.5	65.3
20-25	60.3	57.7	62.9	60.5	57.7	63.1	57.8	54.9	60.4
25-30	55.6	53.1	58.1	55.8	53.1	58.3	53.1	50.3	55.5
30-35	51.0	48.5	53.3	51.1	48.6	53.5	48.5	45.9	50.7
35-40	46.3	44.0	48.5	46.5	44.0	48.8	43.8	41.3	45.9
40-45	41.7	39.4	43.8	41.9	39.5	44.1	39.2	36.8	41.2
45-50	37.1	34.9	39.1	37.3	35.1	39.4	34.7	32.3	36.8
50-55	32.7	30.6	34.6	32.9	30.8	34.9	30.4	28.1	32.3
55-60	28.4	26.4	30.2	28.5	26.6	30.4	26.4	24.2	28.3
60-65	24.4	22.5	26.1	24.6	22.7	26.2	22.4	20.2	24.2
65-70	20.6	18.8	22.1	20.7	18.9	22.2	19.0	16.8	20.7
70-75	17.1	15.5	18.4	17.2	15.6	18.5	15.7	13.8	17.1
75-80	13.8	12.3	15.0	13.8	12.3	15.0	13.0	11.3	14.1
80-85	11.1	9.8	12.0	11.0	9.8	11.9	10.9	9.4	11.7
85+	8.9	7.7	9.6	8.7	7.6	9.4	9.3	7.8	10.1

**Note:** \*Average number of years of life remaining at the beginning of the age interval. LIFE\_TB2

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

TABLE F-29  
MATERNAL DEATHS

DELAWARE AND COUNTIES, 1986-2014

Year	Area			
	Delaware	Kent	New Castle	Sussex
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
1989	2	0	1	1

**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. MATERNAL

**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  
 DELAWARE AND COUNTIES, 2010-2014

LEADING CAUSES OF DEATH	AREA				RACE	
	DE	Kent	NCC	Sussex	White	Black
Malignant neoplasms	172.2	199.5	172.7	158.5	171.1	195.8
Diseases of the heart	160.3	200.2	153.9	153.7	157.8	185.5
Chronic lower respiratory diseases	40.4	49.3	39.9	37.5	42.6	32.8
Cerebrovascular diseases	36.3	38.4	41.8	27.1	34.5	46.2
Dementia	38.0	40.9	45.1	26.2	38.1	41.9
Accidents (unintentional injuries)	39.5	42.9	37.5	44.0	45.1	27.7
Diabetes mellitus	19.9	21.4	21.0	16.9	16.7	39.5
Alzheimer's disease	17.1	20.4	16.6	16.4	16.9	19.6
Nephritis, nephrotic syndrome, and nephrosis	14.1	16.0	15.4	11.1	12.2	26.0
Influenza and pneumonia	12.0	14.4	13.2	9.1	12.0	13.0
Septicemia	11.4	17.8	11.0	8.8	11.0	14.7
Intentional self-harm (suicide)	12.3	14.0	11.5	13.2	15.4	4.2
Other diseases of respiratory system	9.3	11.9	9.9	7.0	9.7	8.4
Chronic liver disease and cirrhosis	8.2	8.6	7.1	10.5	8.9	6.3
Certain conditions originating in the perinatal period	5.5	4.1	6.9	2.9	3.0	10.7
Assault (homicide)	6.4	4.6	8.1	3.2	3.0	16.7
Parkinson's disease	6.6	5.4	7.5	5.7	7.2	NA
Human immunodeficiency virus (HIV)	3.8	3.5	4.6	2.3	1.2	15.1
Essential hypertension and hypertensive renal disease	4.7	7.6	4.3	3.9	4.2	7.4
Pneumonitis due to solids and liquids	4.2	3.9	4.5	4.0	4.2	4.6
Aortic aneurysm and dissection	3.0	4.5	2.8	2.4	3.0	3.4
Congenital malformations, deformations, and chromosomal abnormalities	2.9	2.9	2.7	3.2	3.1	2.4

AADR

**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  
DELAWARE AND COUNTIES, 1994-2014

Cause of Death/ Area	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>Diseases of the heart</b>	292.1	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
Delaware	317.0	313.5	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
Kent	287.7	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
New Castle	290.6	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
Sussex	231.2	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
Delaware	222.4	222.5	220.4	219.0	217.8	217.8	211.9	213.8	206.3	208.8	210.6	208.1	206.8	205.9	208.0	199.6	199.5
Kent	235.2	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
New Castle	227.4	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
Sussex	52.0	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
Delaware	70.1	69.0	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
Kent	49.9	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
New Castle	47.1	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
Sussex	40.9	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
Delaware	52.8	54.0	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
Kent	38.2	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
New Castle	39.6	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
Sussex	28.4	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
Delaware	32.7	31.2	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
Kent	27.5	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
New Castle	28.9	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
Sussex	33.1	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
Delaware	30.3	31.5	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
Kent	30.7	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
New Castle	40.1	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
Sussex	7.8	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
Delaware	---	---	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
Kent	9.7	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
New Castle	6.3	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
Sussex	13.3	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
Delaware	10.2	11.5	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
Kent	14.5	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
New Castle	11.3	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
Sussex	12.8	13.5	14.2	14.6	15.1	14.4	15.2	15.6	16.0	16.0	15.9	15.1	14.3	13.4	13.1	12.6	11.9
Delaware	11.6	12.0	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
Kent	17.3	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
New Castle	11.6	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
Sussex																	

TABLE F-31 (continued)

Cause of Death/ Area	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>Intentional self-harm (suicide)</b>																	
Delaware	11.2	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
Kent	11.6	11.4	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
New Castle	10.2	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
Sussex	14.2	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
<b>Chronic liver disease and cirrhosis</b>																	
Delaware	9.1	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
Kent	10.3	10.0	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
New Castle	8.7	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
Sussex	9.4	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
<b>Assault (homicide)</b>																	
Delaware	4.9	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
Kent	4.1	3.4	---	---	---	---	---	---	3.0	3.6	4.4	4.0	4.1	3.9	3.9	3.8	4.6
New Castle	5.3	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
Sussex	5.0	4.6	2.8	---	---	---	---	3.6	3.3	2.9	3.2	3.6	3.5	3.7	3.6	3.0	3.2
<b>Certain conditions originating in the perinatal period</b>																	
Delaware	5.3	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
Kent	5.5	5.6	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
New Castle	5.1	5.9	6.9	8.2	8.8	9.2	8.7	8.1	8.1	7.8	7.6	7.8	7.1	7.4	7.5	7.4	7.5
Sussex	5.8	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
<b>Congenital malformations</b>																	
Delaware	4.1	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
Kent	3.6	3.5	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
New Castle	3.8	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
Sussex	5.9	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
<b>Human immunodeficiency virus (HIV)</b>																	
Delaware	14.6	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
Kent	10.5	9.4	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
New Castle	17.2	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
Sussex	10.0	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
<b>Accidents (unintentional injuries)</b>																	
Delaware	36.4	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
Kent	35.2	35.0	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
New Castle	33.4	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
Sussex	48.6	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
<b>Essential hypertension and hypertensive renal disease</b>																	
Delaware	4.2	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
Kent	5.7	5.2	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
New Castle	3.5	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
Sussex	5.5	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
<b>Aortic aneurysm and dissection</b>																	
Delaware	6.7	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
Kent	7.7	8.0	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
New Castle	6.0	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
Sussex	7.7	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

TABLE F-31 (continued)

Cause of Death/ Area	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>Pneumonitis due to solids and liquids</b>																	
Delaware	5.7	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
Kent	---	---	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
New Castle	6.9	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
Sussex	4.2	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
<b>Other diseases of respiratory system</b>																	
Delaware	7.9	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
Kent	5.5	6.2	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
New Castle	7.4	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
Sussex	10.1	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
<b>Parkinson's disease</b>																	
Delaware	3.8	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
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
New Castle	4.3	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
Sussex	2.7	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
<b>Dementia</b>																	
Delaware	6.4	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
Kent	6.9	7.4	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
New Castle	5.8	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
Sussex	7.1	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

AADR\_TRND(2)

Notes:  
 1. Rates per 100,000, adjusted to U.S. 2000 population.  
 2. See Appendix E for ICD-9 and ICD-10 cause of death codes.  
 3. "—" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.

Source: Delaware 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, 1994-2014

Cause of Death/ Race-Sex	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>Diseases of the heart</b>																	
White	286.5	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
Male	363.3	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	203.2	202.3
Female	229.2	225.8	215.9	210.6	205.2	201.1	192.0	187.0	176.7	167.2	157.0	148.6	139.7	133.9	127.8	125.2	122.2
Black	329.4	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
Male	404.5	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
Female	276.7	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
<b>Malignant neoplasms</b>																	
White	222.9	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
Male	282.3	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
Female	186.1	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
Black	306.3	302.7	285.0	267.6	253.6	254.8	241.8	240.0	233.3	233.8	212.2	207.8	202.2	197.8	202.3	197.9	195.8
Male	408.4	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
Female	246.9	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
<b>Cerebrovascular diseases</b>																	
White	48.7	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
Male	51.6	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
Female	46.0	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
Black	75.2	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
Male	87.5	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
Female	65.6	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
<b>Chronic lower respiratory diseases</b>																	
White	42.1	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
Male	55.6	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
Female	36.0	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
Black	33.0	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
Male	44.3	48.7	51.1	50.9	53.0	51.9	50.3	46.3	47.7	48.6	51.4	48.7	47.3	47.6	46.6	42.5	41.0
Female	25.3	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
<b>Diabetes mellitus</b>																	
White	24.5	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
Male	26.2	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
Female	23.2	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
Black	57.5	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
Male	62.3	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
Female	55.7	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
<b>Influenza and pneumonia</b>																	
White	32.6	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
Male	41.7	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
Female	27.6	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
Black	35.0	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
Male	56.0	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
Female	24.0	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

TABLE F-32 (continued)

Cause of Death/ Race-Sex	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>Alzheimer's disease</b>																	
White	8.2	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
Male	6.9	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
Female	8.8	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
Black	---	---	---	8.8	9.8	12.7	14.1	14.4	14.5	15.7	16.6	14.8	16.6	17.2	18.7	19.9	19.6
Male	---	---	---	---	---	---	14.2	---	---	13.4	12.7	12.3	13.6	13.7	13.4	15.2	14.8
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
<b>Nephritis, nephrotic syndrome, and nephrosis</b>																	
White	11.5	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
Male	15.7	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
Female	9.3	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
Black	28.1	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
Male	30.8	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
Female	26.1	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
<b>Septicemia</b>																	
White	13.7	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
Male	15.6	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
Female	12.5	11.5	12.7	12.9	13.4	13.6	13.6	12.9	11.9	10.7	11.0	10.8	10.1	9.8	10.3	10.0	9.9
Black	25.2	25.7	25.9	28.7	28.1	28.9	24.6	24.6	23.2	23.2	19.9	19.7	18.1	15.9	15.7	15.3	14.7
Male	33.3	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
Female	22.0	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
<b>Intentional self-harm (suicide)</b>																	
White	12.6	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
Male	21.4	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
Female	4.5	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
Black	5.4	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
Male	11.2	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
Female	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Chronic liver disease and cirrhosis</b>																	
White	8.9	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
Male	12.2	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
Female	5.9	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
Black	10.7	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
Male	15.8	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
Female	---	7.1	---	6.4	---	5.8	---	---	---	---	---	---	---	---	---	---	---
<b>Assault (homicide)</b>																	
White	3.2	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
Male	3.9	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
Female	2.6	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
Black	12.4	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
Male	18.9	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
Female	6.5	5.4	5.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE F-32 (continued)

Cause of Death/ Race-Sex	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>Certain conditions originating in the perinatal period</b>																	
White	3.2	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
Male	3.1	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
Female	3.2	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
Black	11.9	13.9	14.7	16.7	16.6	16.2	15.1	16.4	14.2	14.6	14.2	15.0	13.2	13.1	13.3	12.5	10.7
Male	14.0	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
Female	9.7	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
<b>Congenital malformations</b>																	
White	4.2	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
Male	4.2	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
Female	4.3	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
Black	3.4	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
Male	4.2	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
Female	4.3	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
<b>Human immunodeficiency virus (HIV)</b>																	
White	5.9	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
Male	10.6	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
Female	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	55.5	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
Male	93.3	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
Female	23.6	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
<b>Accidents (unintentional injuries)</b>																	
White	36.2	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
Male	51.1	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
Female	22.3	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
Black	39.9	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
Male	60.9	56.7	53.0	52.8	56.6	56.0	50.3	47.0	44.3	36.2	34.4	35.7	37.2	35.2	37.6	39.2	40.6
Female	24.0	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
<b>Essential hypertension and hypertensive renal disease</b>																	
White	3.5	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
Male	3.7	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
Female	3.4	3.3	4.0	4.3	5.0	5.0	5.8	6.1	5.7	5.4	4.8	4.3	4.2	4.4	4.2	4.7	4.4
Black	9.9	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
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
Female	9.4	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
<b>Aortic aneurysm and dissection</b>																	
White	6.7	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
Male	10.8	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
Female	4.1	3.9	4.0	4.8	4.8	4.4	4.4	4.0	3.6	2.9	2.3	2.1	1.9	2.2	2.4	2.4	2.2
Black	6.1	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
Male	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	7.0	6.6	---	---	---	---	---	---	---	---	---

TABLE F-32 (continued)

Cause of Death/ Race-Sex	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>Pneumonitis due to solids and liquids</b>																	
White	5.4	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
Male	8.8	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
Female	3.8	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
Black	7.4	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
Male	---	---	---	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	8.1	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
Male	10.7	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
Female	6.2	6.6	7.0	7.3	8.1	7.8	7.7	7.7	7.7	7.5	8.0	7.6	7.5	7.9	7.9	7.7	7.8
Black	6.7	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
Male	---	---	---	---	---	---	9.1	10.5	9.6	9.7	11.4	12.7	13.7	14.6	13.1	12.3	13.3
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
<b>Parkinson's disease</b>																	
White	3.9	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
Male	6.1	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
Female	2.8	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
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Male	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Dementia</b>																	
White	6.6	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
Male	7.5	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
Female	6.0	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
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
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
Female	---	---	---	---	---	---	12.5	13.5	20.1	30.2	33.8	34.9	39.1	42.3	41.8	40.0	41.6

**Notes:**

1. Rates per 100,000, adjusted to U.S. 2000 population.
2. See Appendix E for ICD-9 and ICD-10 cause of death codes.
3. "..." indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.

Source: Delaware 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.

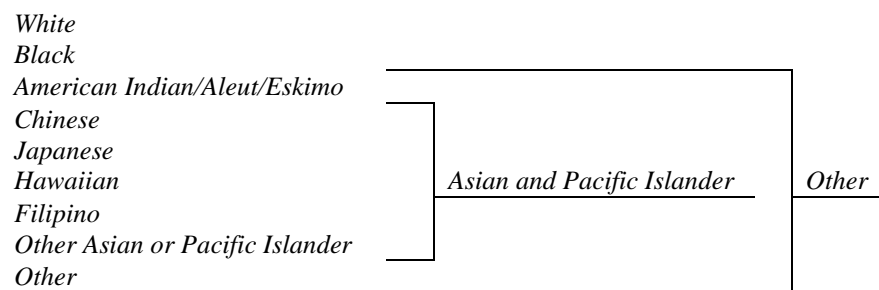
The second method is a more sophisticated technique that statistically "adjusts" for demographic differences between populations and allows direct comparisons between overall population rates. The major

<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).



# 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:

$$R_1 \pm 1.96 * SE$$

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

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

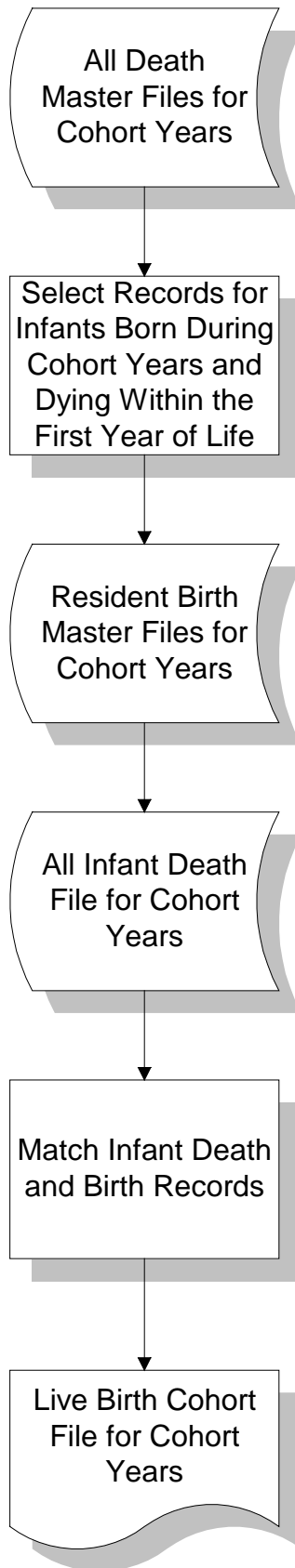
*Comparison of two infant mortality rates* - When the number of events for one or both of the rates was less than 100, comparisons between rates were based on the confidence intervals for each. If they overlapped, the difference was not significant. When the number of events for both rates was 100 or 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>			
<b>NEWBORN</b>	48. NEWBORN MEDICAL RECORD NUMBER		54. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Assisted ventilation required immediately following delivery <input type="checkbox"/> Assisted ventilation required for more than six Hours <input type="checkbox"/> NICU admission <input type="checkbox"/> Newborn given surfactant replacement therapy <input type="checkbox"/> Antibiotics received by the newborn for suspected neonatal sepsis <input type="checkbox"/> Seizure or serious neurologic dysfunction <input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention) <input type="checkbox"/> None of the above			55. CONGENITAL ANOMALIES OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Anencephaly <input type="checkbox"/> Meningocele/Spina bifida <input type="checkbox"/> Cyanotic congenital heart disease <input type="checkbox"/> Congenital diaphragmatic hernia <input type="checkbox"/> Omphalocele <input type="checkbox"/> 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	
	49. BIRTHWEIGHT (grams preferred, specify unit)  _____ <input type="checkbox"/> gr/ams <input type="checkbox"/> lb/oz						
	50. OBSTETRIC ESTIMATE OF GESTATION  _____, (completed weeks)						
	51. APGAR SCORE  Score at 5 minutes _____  If 5 minute score is less than 6,  Score at 10 minutes _____						
	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** (107)  
**DEPARTMENT OF HEALTH AND SOCIAL  
SERVICES**

**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> Due to (or as a consequence of): _____			
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				9. FACILITY ID (NPI)	
	6. COUNTY OF DELIVERY					
<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) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown			13b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 13b) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown		
	13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
	13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)				13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
					13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<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) _____						
<b>CERTIFIER AND REGISTRATION INFORMATION</b>	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____		
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD					16b. DATE SIGNED
	16c. MAILING ADDRESS					
<b>MOTHER'S MEDICAL RECORD NO</b>						
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 MM / DD / YYYY	24b. DATE OF LAST PRENATAL CARE VISIT _____ / _____ / _____ MM / DD / YYYY	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 / DD / YYYY	31b. DATE OF LAST OTHER PREGNANCY OUTCOME _____ / _____ / _____ MM / DD / YYYY	33. DATE LAST NORMAL MENSES BEGAN _____ / _____ / _____ MM / DD / YYYY	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)
	5a. CITY, TOWN, OR LOCATION OF DELIVERY		7. PLACE WHERE DELIVERY OCCURRED (Check one)	
	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		8. FACILITY NAME (if not institution, give street and number)	
				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) _____		Maternal Conditions/Diseases (Specify) _____	
	Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____		Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____	
	Other Obstetrical or Pregnancy Complications (Specify) _____		Other Obstetrical or Pregnancy Complications (Specify) _____	
Fetal Anomaly (Specify) _____		Fetal Anomaly (Specify) _____		
Fetal Injury (Specify) _____		Fetal Injury (Specify) _____		
Fetal Infection (Specify) _____		Fetal Infection (Specify) _____		
Other Fetal Conditions/Disorders (Specify) _____		Other Fetal Conditions/Disorders (Specify) _____		
<input type="checkbox"/> Unknown		<input type="checkbox"/> Unknown		
13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH		
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)		<input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		
		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
		13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
		13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<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) _____			
<b>CERTIFIER AND REGISTRATION INFORMATION</b>	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD			16b. DATE SIGNED
	SIGNATURE _____			
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>	
<small>Date Signed</small>	
<i>This Burial-Transit Permit must be signed above by the Cemetery or Crematory Authority. If no full time person is in charge of the cemetery, the Funeral Director may sign as Sexton. This Burial-Transit Permit is to be retained by the Manager, Superintendent, Caretaker, Sexton or other person in charge of Burial, Entombment or Cremation, or if none, then the Funeral Director.</i>	

REV. 04/2005

Sample



# APPENDIX I

## STATE OF DELAWARE CERTIFICATE OF MARRIAGE

1

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)								
MOTHER	MAIDEN NAME	FIRST	MIDDLE	LAST	MOTHER	MAIDEN NAME	FIRST	MIDDLE	LAST
	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 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	14b. Not Living	14c. Spontaneous	14d. Induced (Do not include this termination)
		Number _____ <input type="checkbox"/> None	Number _____ <input type="checkbox"/> None	Number _____ <input type="checkbox"/> None	Number _____ <input type="checkbox"/> None
15. TYPE OF TERMINATION PROCEDURE <i>(Check only one)</i>					
<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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