

# Delaware Vital Statistics Annual Report, 2006



*DELAWARE HEALTH AND SOCIAL SERVICES*  
Division of Public Health

Fall 2008  
Delaware Health Statistics Center

**Selected Characteristics: Delaware Vital Statistics Annual Report, 2006**

<b>Population</b>	<b>Number*</b>	<b>Percent</b>	<b>First Trimester Care</b>	<b>Number*</b>	<b>Percent</b>
Delaware	853,447	100.0%	<i>White</i>	6,222	74.8%
<i>Kent</i>	147,587	17.3%	<i>Black</i>	2,134	70.6%
<i>New Castle</i>	525,578	61.6%	<i>Hispanic</i>	1,041	54.2%
<i>Sussex</i>	180,282	21.1%	Delaware	8,796	73.9%
			<i>Kent</i>	1,471	65.9%
			<i>New Castle</i>	5,920	81.1%
			<i>Sussex</i>	1,405	59.4%
<b>Marriages</b>	<b>Number*</b>	<b>5-yr Rate<sup>1</sup></b>	<b>Reported Pregnancies</b>	<b>Number*</b>	<b>5-yr Rate<sup>5</sup></b>
Delaware	5,105	6.1	Delaware	15,418	84.6
<i>Kent</i>	993	7.0	<i>Kent</i>	2,823	85.2
<i>New Castle</i>	2,754	5.4	<i>New Castle</i>	9,733	83.7
<i>Sussex</i>	1,358	7.5	<i>Sussex</i>	2,862	87.8
<b>Divorces</b>	<b>Number*</b>	<b>5-yr Rate<sup>1</sup></b>	<b>Pregnancy Outcomes</b>	<b>Number*</b>	<b>Percent</b>
Delaware	3,239	3.8	<i>Live Births</i>	11,898	77.2%
<i>Kent</i>	673	5.0	<i>Fetal Deaths</i>	69	0.4%
<i>New Castle</i>	1,836	3.3	<i>Induced Terminations (ITOP)</i>	3,451	22.4%
<i>Sussex</i>	730	4.1			
<b>Live Births</b>	<b>Number*</b>	<b>5-yr Rate<sup>2</sup></b>	<b>ITOP by Place of Residence</b>		
Delaware	11,898	65.8	Delaware	3,451	71.8%
<i>Kent</i>	2,233	67.5	<i>Kent</i>	585	17.0%
<i>New Castle</i>	7,299	63.3	<i>New Castle</i>	2,388	69.2%
<i>Sussex</i>	2,366	73.3	<i>Sussex</i>	478	13.9%
<b>Births to Teenagers (15-19)</b>			Other States	1,353	28.2%
<i>White</i>	730	34.8			
<i>Black</i>	511	69.1	<b>Infant Mortality</b>	<b>Number*</b>	<b>5-yr Rate<sup>6</sup></b>
Delaware	1,256	43.6	Delaware	99	8.8
<i>Kent</i>	244	45.4	<i>White</i>	50	6.4
<i>New Castle</i>	699	39.3	<i>Black</i>	44	16.1
<i>Sussex</i>	313	56.6	<i>Hispanic</i>	12	6.9
<b>Race</b>	<b>Number*</b>	<b>Percent</b>	<b>Mortality</b>	<b>Number*</b>	<b>Adj. Rate<sup>7</sup></b>
<i>White</i>	8,319	69.9%	Delaware	7,144	759.7
<i>Black</i>	3,021	25.4%	<i>Kent</i>	1,219	856.7
<i>Hispanic Origin<sup>4</sup></i>	1,920	16.1%	<i>New Castle</i>	4,039	755.3
<b>Marital Status</b>			<i>Sussex</i>	1,886	724.6
<i>Married</i>	6,507	54.7%	<b>Race and Gender</b>		
<i>Single</i>	5,391	45.3%	<i>White Males</i>	2,892	870.8
<b>Births to Single Mothers<sup>3</sup></b>			<i>White Females</i>	2,964	620.0
<i>White</i>	3,160	38.0%	<i>Black Males</i>	634	1149.7
<i>Black</i>	2,160	71.5%	<i>Black Females</i>	591	751.8
<i>Hispanic</i>	1,174	61.1%	<b>Leading Causes of Death</b>	<b>Number*</b>	<b>Percent</b>
<b>Low Birth Weight (&lt;2500 gms)</b>			Heart Disease	1,846	25.8%
All Races	1,112	9.3%	Cancer	1,767	24.7%
<i>White</i>	612	7.4%	Cerebrovascular diseases	383	5.4%
<i>Black</i>	455	15.1%	Chronic Lower Respiratory Disease	344	4.8%
<i>Hispanic</i>	128	6.7%	Unintentional Injuries	322	4.5%

**Notes:**

\* Numbers are for 2006.

- The 5-year rate is per 1,000 population and refers to the period 2002-2006.
- The 5-year rate refers to total live births per 1,000 women 15-44 years of age during the 2002-2006 period.
- Percentages for births to single mothers are based on total births for the race-group.
- People of Hispanic origin may be of any race. The percentage is based on total resident births for 2006.
- The 5-year pregnancy rate represents the number of reported pregnancies per 1,000 women 15-44 years of age for 2002-2006.
- The 5-year (2002-2006) infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.
- The 2006 mortality rates (deaths per 100,000 population) for Delaware and counties are age-adjusted to the 2000 U.S. population.

SUMMARY

**Ruth Ann Minner, Governor**  
State of Delaware

**Vincent P. Meconi, Secretary**  
Delaware Health and Social Services

# Delaware Vital Statistics Annual Report, 2006



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

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## PREFACE

I am pleased to present the 2006 Vital Statistics Annual Report, issued by the Division of Public Health's Delaware Health Statistics Center.

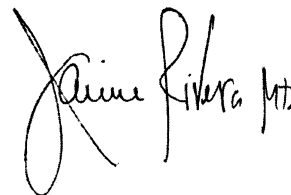
This report features statistics that are essential to identify and understand the challenges facing Delaware as it strives to improve the health of its residents. Our challenges are significant, and include the reduction of infant mortality, lowering our high rates of cancer, and closing the health disparities gap that exists when we compare racial and ethnic groups. In order to meet these challenges, we must gain insight from, and track our progress through, health indicators. The 2006 Delaware Vital Statistics Annual Report is a key report issued by the Division of Public Health for this purpose.

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.

Due to the confidential nature of information contained on these certificates, every measure is taken to assure that all reports and data products meet both the federal and state requirements for protecting personal health information. The Division is committed to balancing the protection of individual health information with the need to protect public health.

To assist users of this report, an introductory section describes Delaware's vital statistics system and defines terms used in the report. In addition, we can provide all data, tables, and graphs in Microsoft Excel spreadsheets, or the entire report in electronic format. To make such requests, or to ask questions about the report in general, please contact the Delaware Health Statistics Center at 302-744-4541. The report is also available at <http://www.state.de.us/dhss/dph/hp/annrepvs.html>.

Jaime H. Rivera, MD, FAAP

A handwritten signature in black ink that reads "Jaime Rivera MD". The signature is written in a cursive style with a large initial "J" and "R".

Director  
Delaware Division of Public Health

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## ACKNOWLEDGMENTS

This report was prepared by Barbara Gladders and Maridelle Dizon, and reviewed by Denese Welch of the Delaware Health Statistics Center.

We gratefully acknowledge the contributions of Brenda Conner and the staff of the Office of Vital Statistics, Edward C. Ratledge and the staff of the Center for Applied Demography and Survey Research at the University of Delaware, and the Health Statistics Center staff, including: Jean Hreczan, Louise Wishart, Georgette Ahiamadjie and Amanda Griffith. We also recognize local registrars, physicians, nurses, medical records staffs, midwives, funeral directors, and county clerks for their help in collecting and providing us with these data. Finally, special thanks go to Dr. Paul Silverman for providing the cover photograph.

### **To obtain additional copies of this report, contact:**

State of Delaware  
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### **Or visit our website at:**

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

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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.

PRENATAL CARE ATTAINMENT refers to the timing of prenatal care, specifically by trimester (first, second, or third) the care began. Late or no prenatal care refers to mothers who obtained care in the third trimester or received no care.

REPORTED PREGNANCY is a live birth, fetal death, or induced termination of pregnancy reported via the vital statistics system.

REPORTED PREGNANCY RATE is the total reported pregnancies (live births, fetal deaths, and induced terminations of pregnancy) per 1,000 women in a particular age group.

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

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

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

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

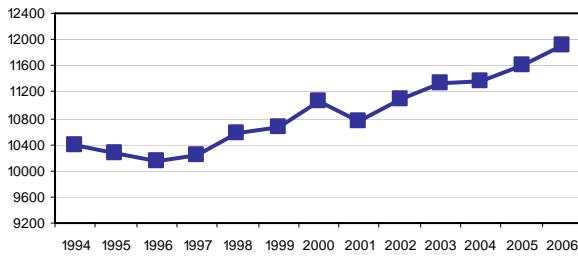
$$\text{Neonatal Mortality Rate} = \frac{\text{Number of Neonatal Deaths}}{\text{Total Live Births}} \times 1,000$$

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

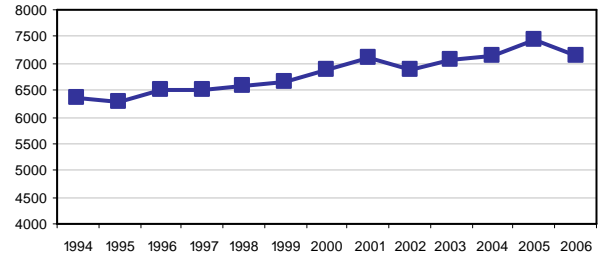
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2006 DELAWARE VITAL STATISTICS

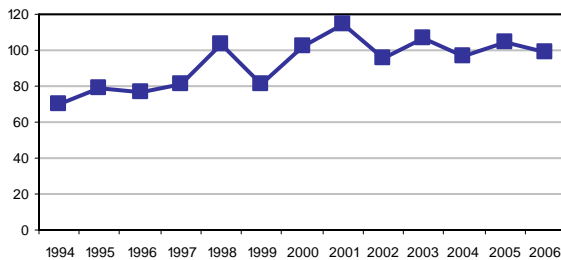
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Delaware, 1994-2006



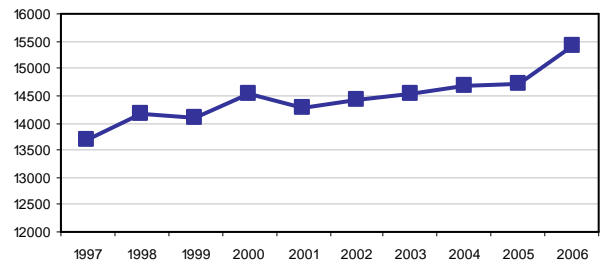
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Delaware, 1994-2006



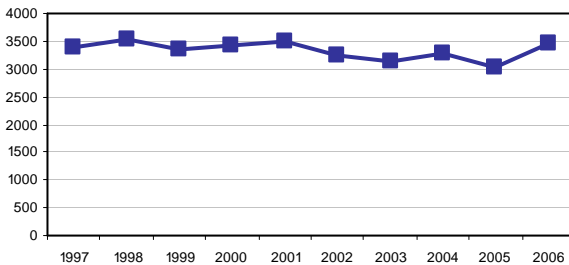
**Infant (< 1 year of age) Deaths**  
Delaware, 1994-2006



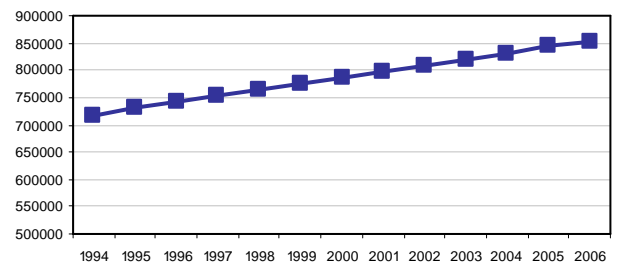
**Reported Pregnancies**  
Delaware, 1997-2006



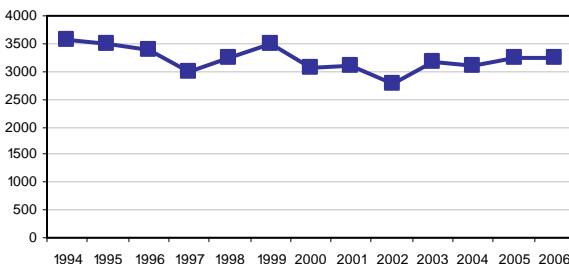
**Abortions**  
Delaware, 1997-2006



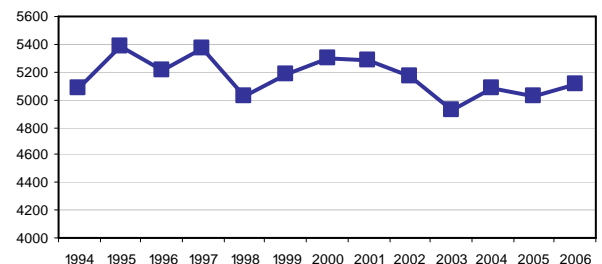
**Population**  
Delaware, 1994-2006



**Divorces**  
Delaware, 1994-2006



**Marriages**  
Delaware, 1994-2006



Source: Delaware Health Statistics Center

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**Population**

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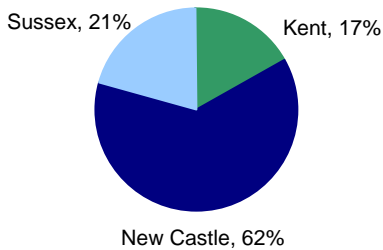
## POPULATION

Each of Delaware's three counties continued their increasing population trend, though they grew at different rates. For the recent period from 2000 to 2006, county populations grew annually by 2.7 percent for Kent, 0.8 percent, for New Castle, and 2.4 percent for Sussex. The overall increase for Delaware was 1.4 percent.

While Sussex County had the highest percentage of residents 65 years of age and older among the three counties at 20.5% in 2006, more than half of the state's total 65+ population resided in New Castle County (see Table A-2).

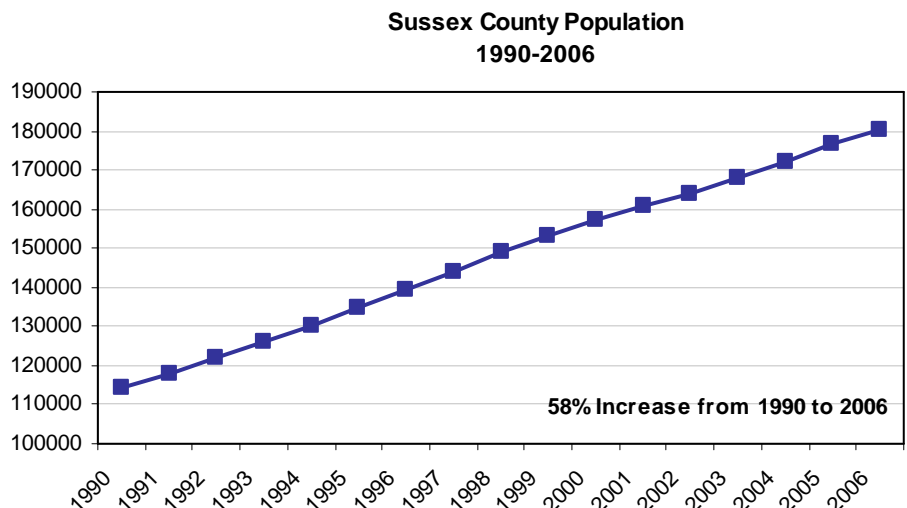
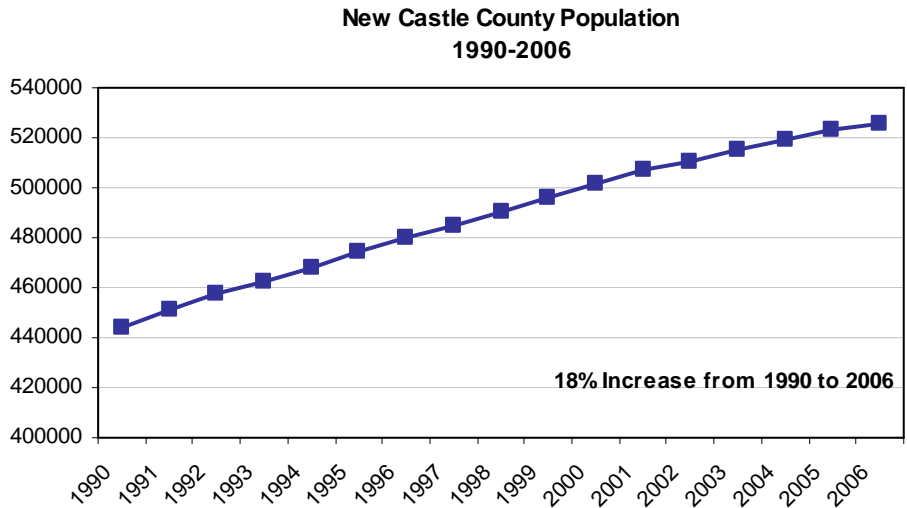
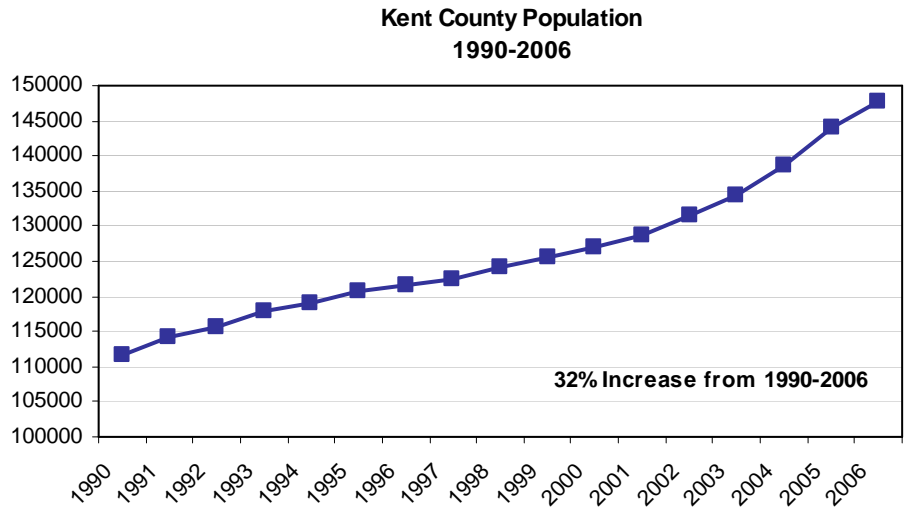
Over half of Delaware's population resides in New Castle County.

**Percent of Population by County  
Delaware, 2006**



Source: Delaware Health Statistics Center

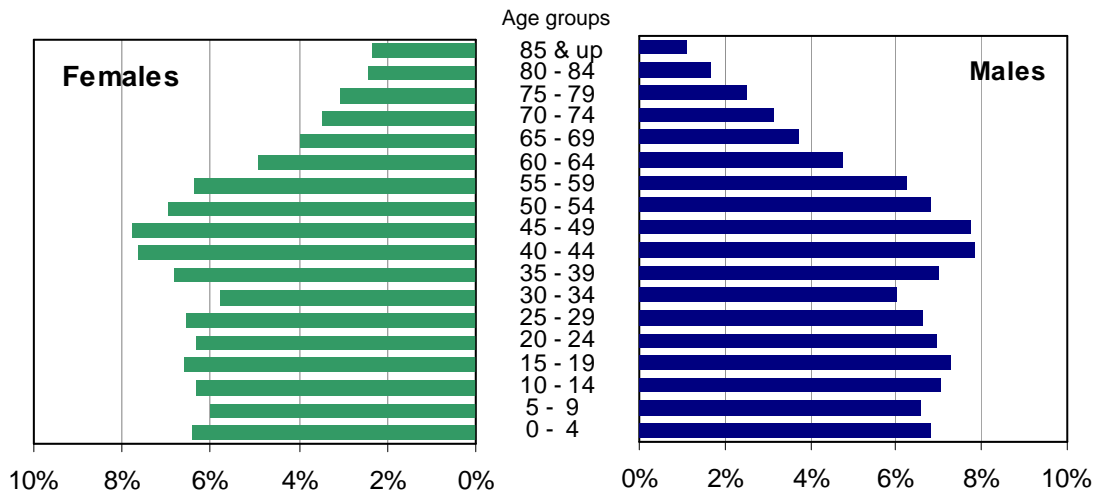
**Delaware Resident Population by County, 1990-2006**



Source: Delaware Health Statistics Center

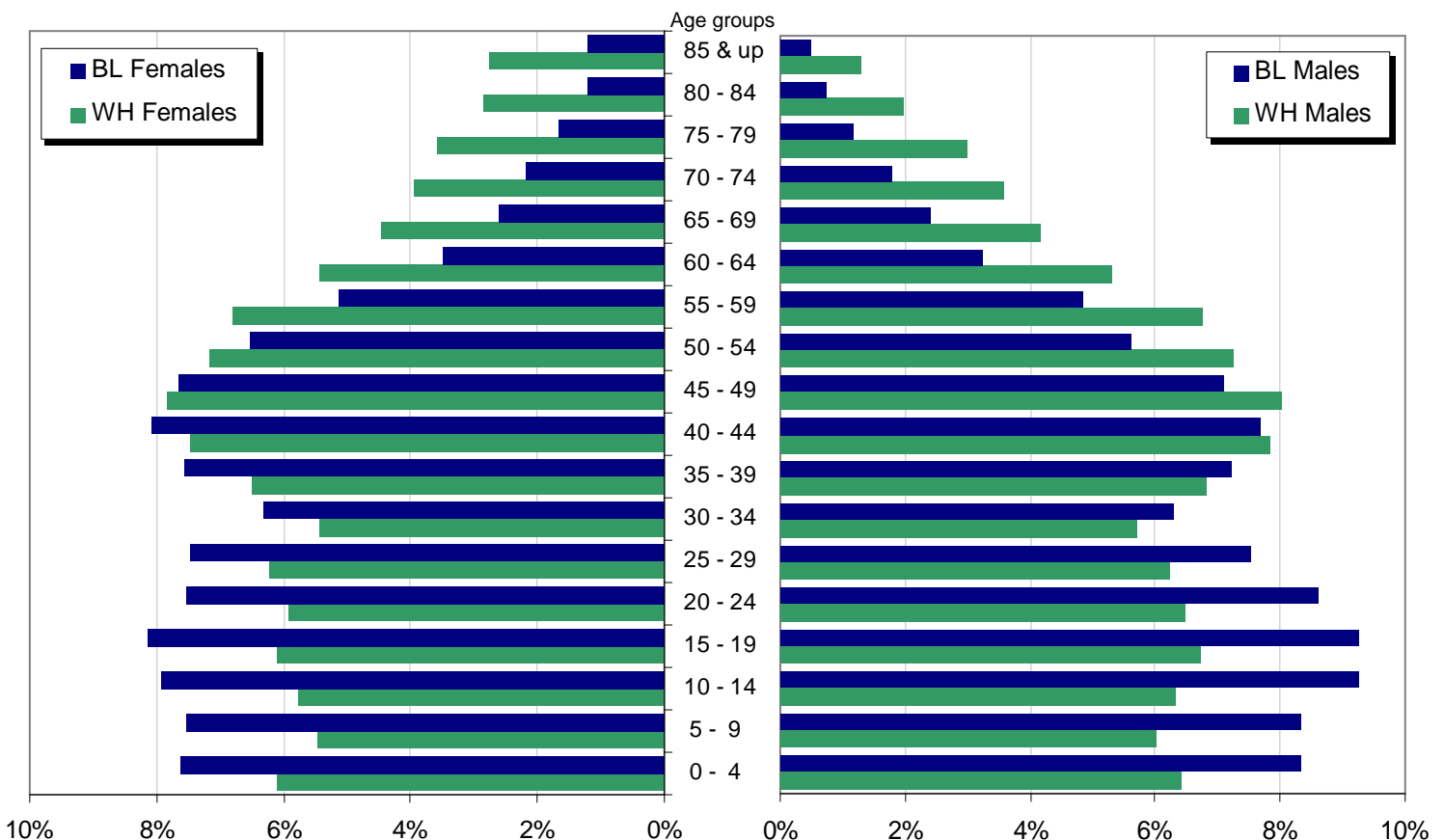
## POPULATION

Just over 50 percent of Delaware's population was female in 2006. Females made up a greater proportion of the older age groups, which reflects the longer female life expectancy. Delaware females born in 2006 could expect to live an average of 81.0 years, versus males, who could expect to live 75.7 years.



Source: 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 as well. However, both black males and females had a greater percentage of their population in the 0-39 year age range than whites; in the 45 and above age range, whites made up a greater proportion of the population.



Source: Delaware Health Statistics Center

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	786418	18.1	893184	13.6	977645	9.5	24.3
Female	267332	286599	7.2	322966	12.7	381490	18.1	433374	13.6	474029	9.4	24.3
	280772	307739	9.6	343202	11.5	404928	18.0	459810	13.6	503616	9.5	24.4
<b>Kent</b>												
Male	81892	98219	19.9	110993	13.0	127103	14.5	157404	23.8	175717	11.6	38.2
Female	41337	48254	16.7	54300	12.5	61300	12.9	75897	23.8	84659	11.5	38.1
	40555	49965	23.2	56693	13.5	65803	16.1	81507	23.9	91058	11.7	38.4
<b>Dover</b>												
Male	17488	23512	34.4	27630	17.5	32084	16.1	36620	14.1	39605	8.2	23.4
Female	8319	11695	40.6	13408	14.6	15090	12.5	17057	13.0	18206	6.7	20.6
	9169	11817	28.9	14222	20.4	16994	19.5	19563	15.1	21399	9.4	25.9
<b>New Castle</b>												
Male	385856	398115	3.2	441946	11.0	501856	13.6	541350	7.9	575162	6.2	14.6
Female	187124	191176	2.2	213869	11.9	243427	13.8	262586	7.9	278655	6.1	14.5
	198732	206939	4.1	228077	10.2	258429	13.3	278764	7.9	296507	6.4	14.7
<b>Newark</b>												
Male	20757	25247	21.6	26463	4.8	29037	9.7	30741	5.9	31359	2.0	8.0
Female	10242	11993	17.1	12408	3.5	13352	7.6	14357	7.5	14648	2.0	9.7
	10515	13254	26.0	14055	6.0	15685	11.6	16384	4.5	16711	2.0	6.5
<b>Wilmington</b>												
Male	80386	70195	-14.9	71529	1.9	72714	1.7	72535	-0.2	71451	-1.5	-1.7
Female	36968	31458	-10.8	33249	5.7	34698	4.4	35344	1.9	35274	-0.2	1.7
	43418	38737		38280	-1.2	38016	-0.7	37191	-2.2	36177	-2.7	-4.8
<b>Sussex</b>												
Male	80356	98004	22.0	113229	15.5	157459	39.1	194430	23.5	226766	16.6	44.0
Female	38871	47169	21.3	54797	16.2	76763	40.1	94891	23.6	110715	16.7	44.2
	41485	50835	22.5	58432	14.9	80696	38.1	99539	23.4	116051	16.6	43.8

POPSEX

Note:

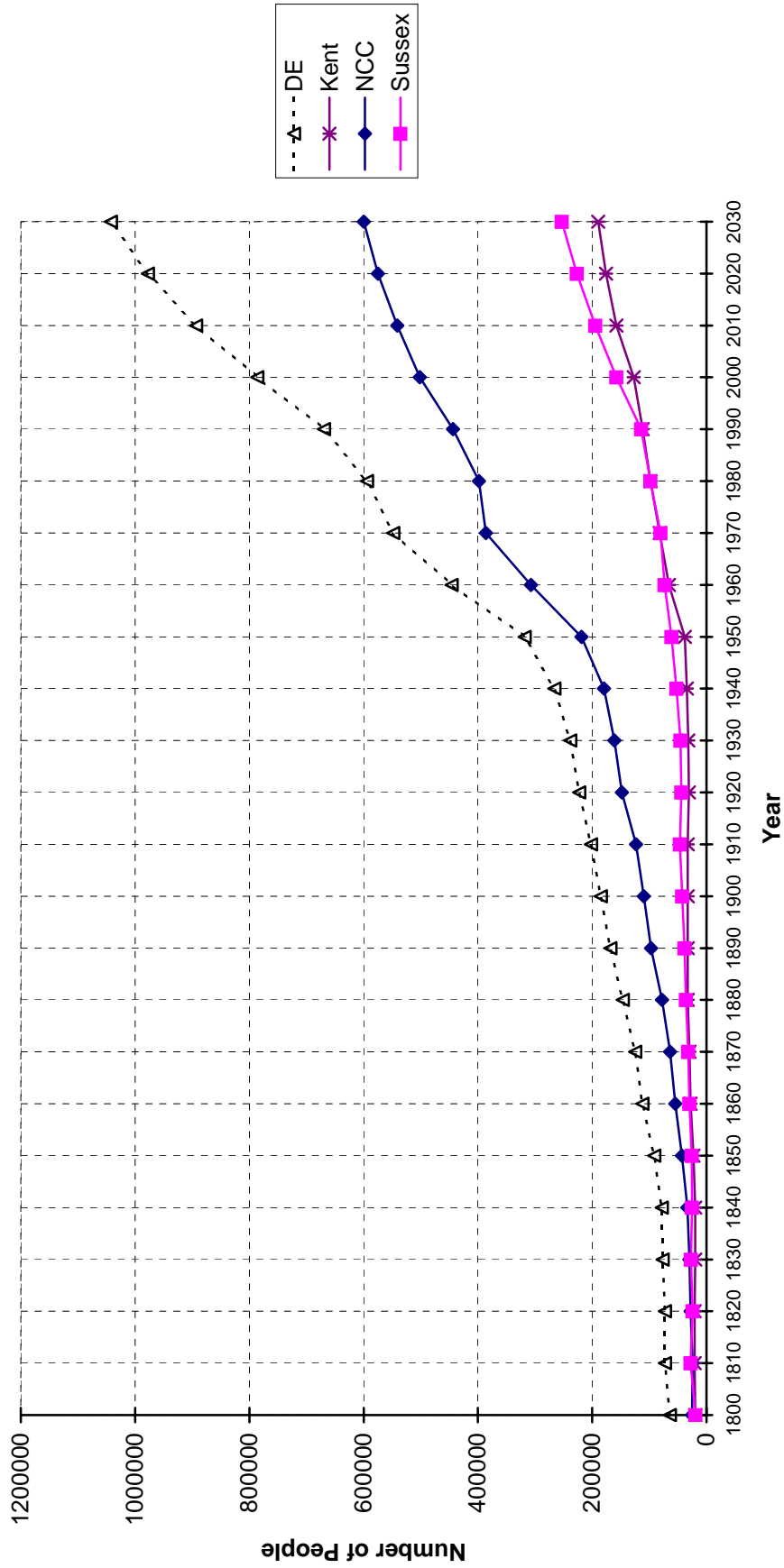
\*Numbers for this year are projections.

Sources:

Delaware Health Statistics Center  
Delaware Population Consortium  
U.S. Bureau of the Census

**Figure A-1**  
**Population Growth**

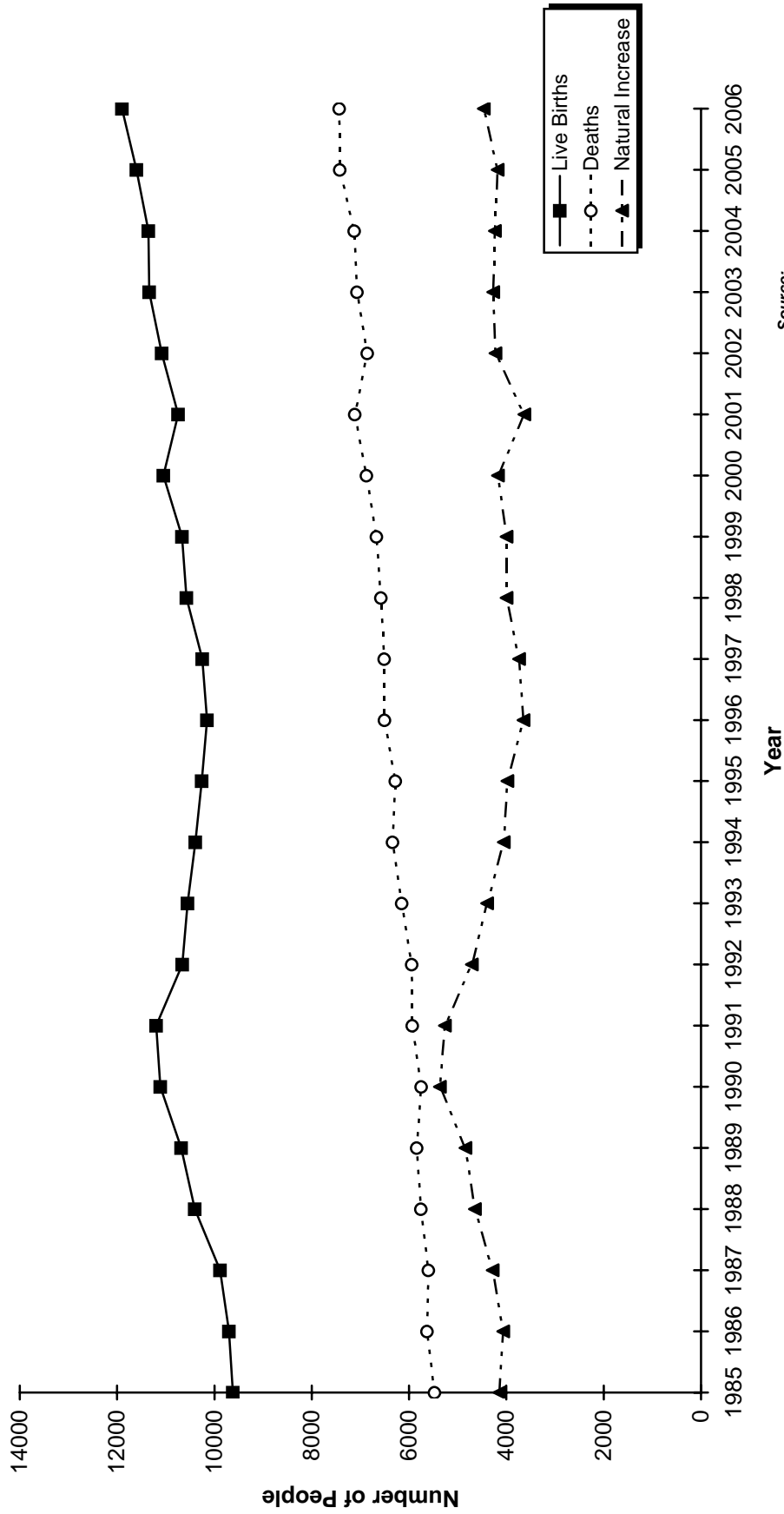
**Delaware and Counties, 1800-2030**



**Sources:**  
Delaware Health Statistics Center  
Delaware Population Consortium

**Figure A-2**  
**Live Births, Deaths, and Natural Increase**

**Delaware, 1985-2006**



Source:  
 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, 2006

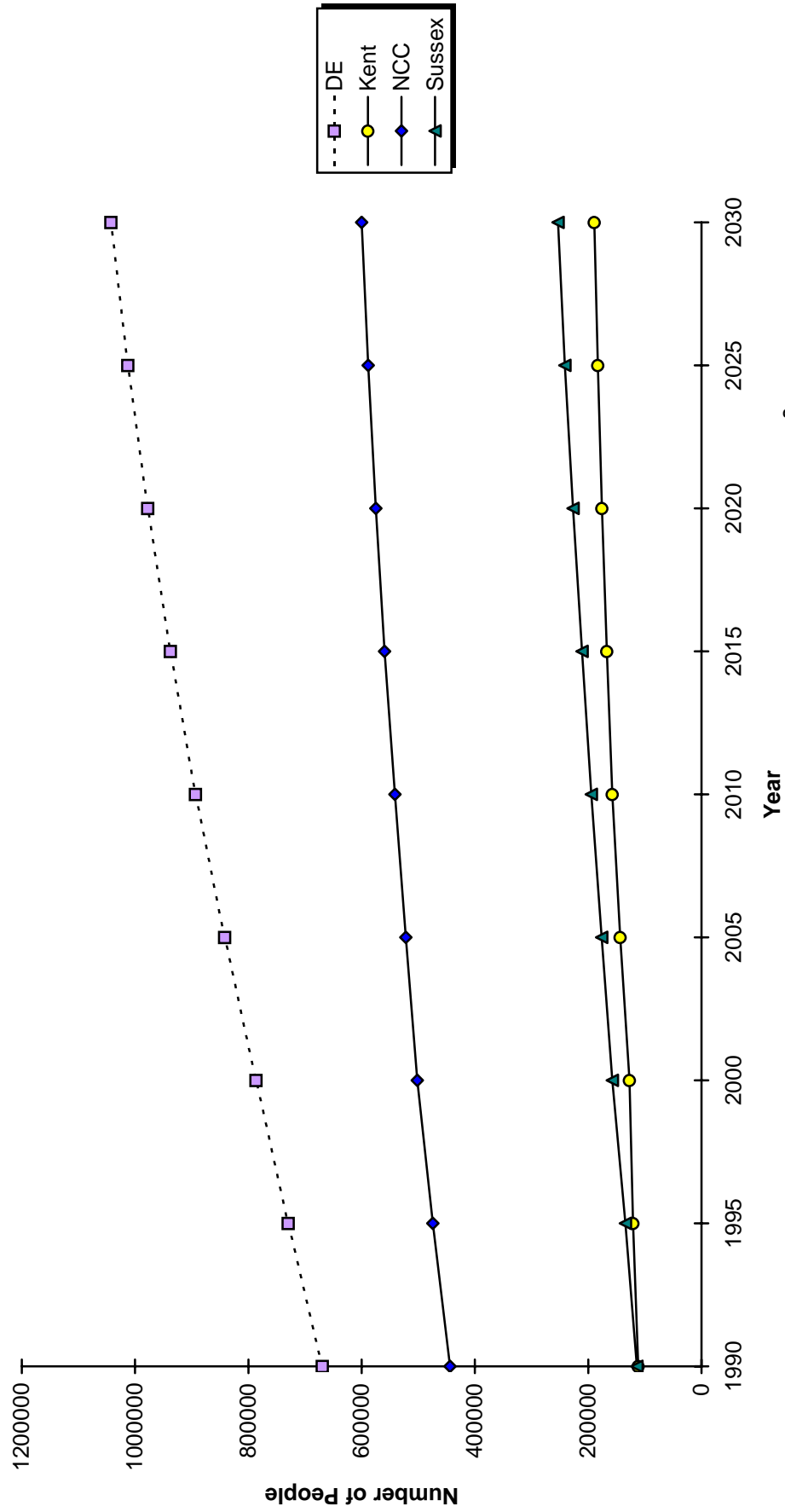
Area/ Sex/Race	Age															85+			
	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70-74	75-79	80-84
<b>Delaware</b>	853447	56478	53891	56929	59228	56575	56270	50341	59062	66019	66287	58914	53950	41504	33041	28314	24053	17626	14965
Male	414052	28188	27368	29193	30223	28791	27453	24921	29012	32447	32158	28264	25927	19770	15465	12926	10444	6914	4588
White	312702	20090	18846	19830	21061	20258	19533	17830	21352	24550	25084	22690	21163	16565	13069	11168	9321	6191	4101
Black	86719	7223	7227	8040	8031	7462	6538	5458	6260	6668	6149	4884	4206	2820	2090	1553	1016	654	440
Female	439395	28290	26523	27736	29005	27784	28817	25420	30050	33572	34129	30650	28023	21734	17576	15388	13609	10712	10377
White	329918	20138	18070	19031	20172	19537	20556	17987	21454	24711	25914	23654	22464	17974	14741	13055	11854	9463	9143
Black	95489	7280	7211	7569	7783	7201	7140	6033	7239	7725	7314	6245	4910	3332	2482	2092	1606	1159	1168
<b>Kent</b>	147587	10432	10199	10702	11313	10871	10292	8728	9884	11517	11232	9509	8485	6490	5313	4519	3581	2482	2038
Male	71157	5209	5119	5511	5720	5403	5011	4137	4823	5531	5400	4489	4128	3088	2440	2087	1525	943	593
White	53321	3736	3614	3861	4058	3765	3359	3083	3665	4299	4277	3561	3255	2536	1980	1699	1290	793	490
Black	15980	1340	1335	1498	1499	1513	1489	886	1014	1062	976	840	793	507	418	351	219	140	100
Female	76430	5223	5080	5191	5593	5468	5281	4591	5061	5986	5832	5020	4357	3402	2873	2432	2056	1539	1445
White	56485	3736	3520	3679	3983	3765	3257	3279	3746	4532	4445	3806	3376	2721	2336	1962	1726	1318	1227
Black	17813	1353	1393	1361	1457	1522	1879	1123	1144	1265	1228	1071	854	598	459	409	286	203	208
Dover	34735	2364	2092	2181	3189	3718	2388	2041	2033	2308	2342	2082	1875	1416	1230	1116	973	712	676
Male	16231	1196	1095	1071	1533	1805	1150	946	961	1081	1035	977	844	656	557	490	359	278	197
Female	18504	1168	996	1110	1656	1913	1239	1095	1072	1227	1307	1106	1031	760	673	626	614	434	479
<b>New Castle</b>	525578	35889	34026	35923	37314	35290	37512	33097	38768	41857	41359	36168	31985	23256	17349	14487	12637	9878	8783
Male	254948	17890	17324	18376	19097	17993	18101	16559	19015	20680	20057	17384	15272	10960	8134	6448	5296	3755	2607
White	185763	12491	11557	11996	12848	12318	12943	11499	13527	15101	15136	13503	12011	8734	6520	5330	4608	3316	2325
Black	58097	4775	4809	5379	5401	4862	4124	3810	4396	4632	4231	3344	2834	1915	1377	966	608	388	246
Female	270630	17999	16702	17547	18217	17297	19411	16538	19753	21177	21302	18784	16713	12296	9215	8039	7341	6123	6176
White	195848	12548	10993	11565	12218	11832	14173	11279	13479	14900	15576	13935	12831	9712	7322	6536	6238	5341	5370
Black	64306	4828	4804	5130	5205	4653	4385	4194	5179	5432	5055	4292	3400	2270	1649	1347	1010	715	758
Newark	30014	909	947	1158	5711	8223	1825	1264	1081	1265	1499	1411	1228	921	717	585	532	428	312
Male	13970	470	502	589	2238	3892	992	679	524	641	741	678	581	447	312	238	219	153	74
Female	16044	439	445	569	3473	4331	833	585	557	624	758	733	647	474	405	347	312	275	238
Wilmington*	72826	5761	4609	5067	5386	5362	5485	5732	5560	5303	5074	4531	3942	2784	2178	1858	1571	1283	1340
Male	35216	2942	2395	2631	2717	2734	2793	2954	2758	2673	2459	2185	1828	1236	906	738	545	399	322
White	12489	900	563	471	599	834	1047	1455	1138	940	887	847	787	588	379	306	287	235	227
Black	20260	1824	1621	1919	1888	1641	1457	1272	1420	1586	1466	1243	940	592	491	410	245	156	89
Female	37610	2820	2214	2436	2669	2628	2691	2778	2801	2630	2615	2346	2114	1548	1272	1120	1026	884	1018
White	12782	846	502	411	531	733	945	1248	927	729	790	833	839	675	521	458	552	552	688
Black	22569	1763	1548	1818	1933	1649	1534	1330	1678	1759	1714	1413	1185	820	706	630	453	320	315
<b>Sussex</b>	180282	10157	9666	10304	10601	10414	8466	8516	10410	12645	13696	13237	13480	11758	10379	9308	7835	5266	4144
Male	87947	5089	4925	5306	5406	5395	4341	4225	5174	6236	6701	6391	6527	5722	4891	4391	3623	2216	1388
White	73618	3863	3675	3973	4155	4175	3231	3248	4160	5150	5671	5626	5897	5295	4569	4139	3423	2082	1286
Black	12642	1108	1083	1163	1131	1087	925	762	850	974	942	700	579	398	295	236	189	126	94
Female	92335	5068	4741	4998	5195	5019	4125	4291	5236	6409	6995	6846	6953	6036	5488	4917	4212	3050	2756
White	77605	3854	3557	3787	3971	3889	3126	3429	4229	5279	5893	5913	6257	5541	5083	4557	3890	2804	2546
Black	13370	1099	1014	1078	1121	1026	876	716	916	1028	1031	882	656	464	374	336	310	241	202

POPSCA

**Note:**  
\*Race estimates for the City of Wilmington are illustrative and should be interpreted with caution.

**Sources:**  
Delaware Health Statistics Center  
Delaware Population Consortium

**Figure A-3**  
**Projected Population Growth**  
**Delaware and Counties, 1990-2030**



**Sources:**  
 Delaware Health Statistics Center  
 Delaware Population Consortium

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

# **Marriage and Divorce**

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## MARRIAGE AND DIVORCE

There were 5,105 marriages and 3,239 divorces in Delaware in 2006 (see Tables B-1 and B-11, respectively).

### Marriage

#### Male

Youngest: 17  
Oldest: 92

#### Female

Youngest: 15  
Oldest: 83

Marriage with the greatest age difference between bride and groom: 37 years  
Most popular month to get married: September (see Table B-9).

### Divorce

#### Male

Youngest: 19  
Oldest: 88

#### Female

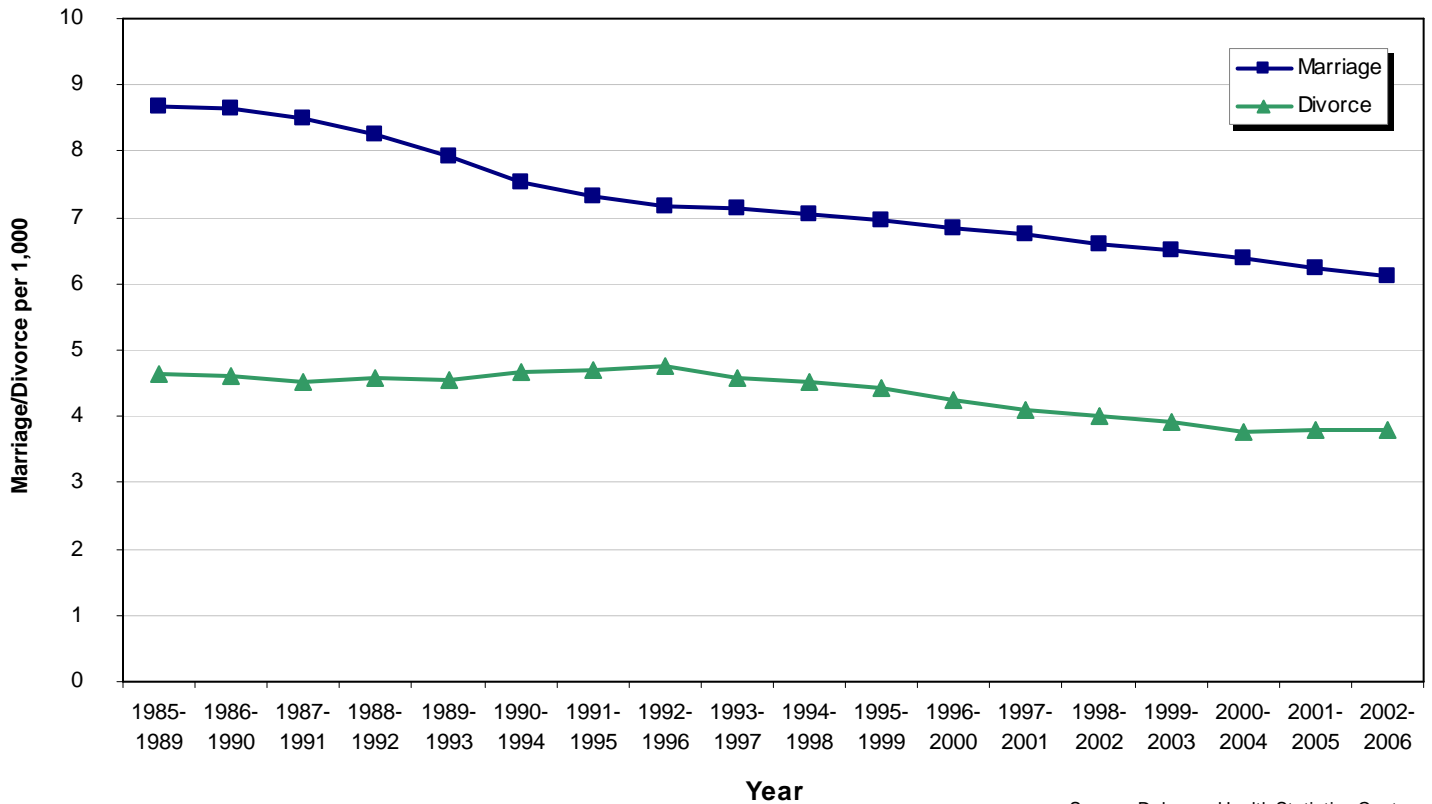
Youngest: 17  
Oldest: 82

Shortest duration of marriage: 95 days  
Longest duration of marriage: 60 years  
Median duration of marriage: 7.9 years (see Table B-16).  
Total children under 18 years of age: 2740 (see Table B-18).

The five-year average marriage rate changed very little from 1982-1986 to 1986-1990. Since that time, marriage rates have decreased 29.5 percent, from 8.7 to 6.1 marriages per 1,000 population in 2002-2006.

Divorce rates remained fairly stable from 1984-1988 to 1992-1996. From 1992-1996 to 2002-2006, divorce rates declined 20 percent to 3.8 divorces per 1,000 population.

**Five-year Average Marriage and Divorce Rates per 1,000 Population  
Delaware, 1985-2006**



Source: Delaware Health Statistics Center

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TABLE B-1  
NUMBER OF MARRIAGES BY PLACE OF CEREMONY  
U.S., DELAWARE AND COUNTIES, 1986-2006

Year	U.S.	Delaware	Kent	New Castle	Sussex
1986	2407099	5484	1142	3433	909
1987	2403378	5410	1001	3429	980
1988	2395926	5645	1114	3512	1019
1989	2403268	5946	1100	3783	1063
1990	2443489	5643	1027	3524	1092
1991	2371000 *	5348	1073	3259	1016
1992	2362000 *	5069	1026	3028	1015
1993	2334000 *	5023	982	3033	1008
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	2329000 *	5292	957	3117	1218
2001	2345000 *	5279	963	3118	1198
2002	2254000 *	5171	1015	2899	1257
2003	2245000 *	4923	923	2784	1216
2004	2279000 *	5088	998	2801	1289
2005	2249000 *	5018	973	2726	1319
2006	2160000 *	5105	993	2754	1358

**Note:**

\*Based on National Center for Health Statistics (NCHS) estimate.

FYAMAR1

**Sources:**

National Center for Health Statistics  
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, 1986-2006

Years	U.S.	Delaware	Kent	New Castle	Sussex
1986-1990	9.9	8.7	9.9	8.2	9.2
1987-1991	9.7 *	8.5	9.7	8.0	9.2
1988-1992	9.6 *	8.2	9.5	7.7	9.0
1989-1993	9.4 *	7.9	9.2	7.4	8.8
1990-1994	9.3 *	7.5	8.8	7.0	8.5
1991-1995	9.1 *	7.3	8.7	6.7	8.3
1992-1996	9.0 *	7.2	8.4	6.6	8.2
1993-1997	9.0 *	7.1	8.3	6.5	8.2
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	8.5 *	6.8	7.6	6.2	7.9
1998-2002	8.2 *	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	7.5
2002-2006	7.6 *	6.1	7.0	5.4	7.5

**Note:**

\*Based on NCHS estimate.

FYAMAR2

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE B-3  
NUMBER AND PERCENT OF MARRIAGES BY RACE OF GROOM AND BRIDE  
DELAWARE, 2006

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	3376	92.1	77	8.4	9	26.5	124	25.7	2	66.7
Black	148	4.0	819	89.1	0	0.0	47	9.8	1	33.3
American Indian	12	0.3	2	0.2	22	64.7	1	0.2	0	0.0
Asian/Pacific Islander	127	3.5	21	2.3	3	8.8	309	64.1	0	0.0
Other/Unknown	4	0.1	0	0.0	0	0.0	1	0.2	0	0.0

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 Statistics Center

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

DELAWARE, 2006

Previous Marital Status	Race					
	All Races		White		Black	
	Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>						
Single	3337	65.4	2324	64.8	661	65.1
Widowed	136	2.7	101	2.8	27	2.7
Divorced	1632	32.0	1163	32.4	327	32.2
<b>Bride</b>						
Single	3400	66.6	2421	66.0	607	66.1
Widowed	140	2.7	115	3.1	19	2.1
Divorced	1565	30.7	1131	30.8	293	31.9

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 Statistics Center

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

DELAWARE, 2006

Marriage Order	Type of Ceremony	Race					
		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>							
First Marriage	Civil	911	27.3	448	19.3	255	38.6
	Religious	2426	72.7	1876	80.7	406	61.4
Remarriage	Civil	581	32.9	377	29.8	116	32.8
	Religious	1187	67.1	887	70.2	238	67.2
<b>Bride</b>							
First Marriage	Civil	917	27.0	453	18.7	242	39.9
	Religious	2483	73.0	1968	81.3	365	60.1
Remarriage	Civil	575	33.7	392	31.5	94	30.1
	Religious	1130	66.3	854	68.5	218	69.9

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 Statistics Center

TABLE B-6  
MEDIAN AND MEAN AGE OF BRIDE AND GROOM BY MARRIAGE ORDER AND RACE

DELAWARE, 2006

Marriage Order	Race					
	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Groom</b>						
First Marriage	27	29	27	29	29	31
Remarriage	43	45	44	45	43	45
<b>Bride</b>						
First Marriage	26	27	26	27	28	30
Remarriage	41	42	41	43	41	42

RCORDRTYPE 2

**Note:**

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

**Source:**

Delaware Health Statistics Center

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

DELAWARE, 2006

Marriage Order	Age	Race					
		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent
<b>Groom</b>							
All Marriages	<20	91	1.8	64	1.8	16	1.6
	20-24	829	16.2	603	16.8	138	13.6
	25-29	1311	25.7	966	26.9	203	20.0
	30-34	871	17.1	593	16.5	170	16.7
	35-44	1025	20.1	658	18.3	276	27.2
	45-64	860	16.8	620	17.3	184	18.1
	65+	118	2.3	84	2.3	28	2.8
First Marriage	<20	91	2.7	64	2.8	16	2.4
	20-24	796	23.9	580	25.0	129	19.5
	25-29	1209	36.2	891	38.3	191	28.9
	30-34	636	19.1	432	18.6	133	20.1
	35-44	459	13.8	273	11.7	142	21.5
	45-64	139	4.2	81	3.5	46	7.0
	65+	7	0.2	3	0.1	4	0.6
Remarriage	<20	0	0.0	0	0.0	0	0.0
	20-24	33	1.9	23	1.8	9	2.5
	25-29	102	5.8	75	5.9	12	3.4
	30-34	235	13.3	161	12.7	37	10.5
	35-44	566	32.0	385	30.5	134	37.9
	45-64	721	40.8	539	42.6	138	39.0
	65+	111	6.3	81	6.4	24	6.8
<b>Bride</b>							
All Marriages	<20	224	4.4	144	3.9	35	3.8
	20-24	1092	21.4	838	22.9	146	15.9
	25-29	1361	26.7	1014	27.7	219	23.8
	30-34	743	14.6	516	14.1	139	15.1
	35-44	922	18.1	592	16.1	229	24.9
	45-64	699	13.7	509	13.9	143	15.6
	65+	64	1.3	54	1.5	8	0.9
First Marriage	<20	221	6.5	142	5.9	35	5.8
	20-24	1045	30.7	798	33.0	141	23.2
	25-29	1215	35.7	916	37.8	184	30.3
	30-34	479	14.1	320	13.2	106	17.5
	35-44	334	9.8	189	7.8	101	16.6
	45-64	103	3.0	54	2.2	39	6.4
	65+	3	0.1	2	0.1	1	0.2
Remarriage	<20	3	0.2	2	0.2	0	0.0
	20-24	47	2.8	40	3.2	5	1.6
	25-29	146	8.6	98	7.9	35	11.2
	30-34	264	15.5	196	15.7	33	10.6
	35-44	588	34.5	403	32.3	128	41.0
	45-64	596	35.0	455	36.5	104	33.3
	65+	61	3.6	52	4.2	7	2.2

**Notes:**

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

AGEBYRCORDR



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

DELAWARE, 2006

Marriage Order of Groom	Age of Groom \ Age of Bride	Marriage Order of Bride														
		First Marriage						Remarriage								
		<20	20-24	25-29	30-34	35-44	45-64	65+	<20	20-24	25-29	30-34	35-44	45-64	65+	
First Marriage	<20	55	26	6	0	0	0	0	0	0	0	0	0	0	0	0
	20-24	120	525	93	7	0	0	0	1	13	22	9	6	0	0	0
	25-29	22	324	659	77	10	1	0	0	17	37	38	19	5	0	0
	30-34	4	50	234	182	41	4	0	0	2	18	50	42	9	0	0
	35-44	5	21	52	86	113	6	0	0	1	12	29	98	36	0	0
	45-64	0	2	2	6	23	25	0	0	0	0	5	20	55	1	1
65+	0	0	0	0	1	4	1	0	0	0	0	0	0	0	0	0
Remarriage	<20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-24	3	15	3	1	2	0	0	0	4	1	2	1	1	0	0
	25-29	5	34	26	6	3	0	0	0	3	12	9	2	2	0	0
	30-34	4	24	57	36	12	0	0	0	5	23	45	27	2	0	0
	35-44	2	17	66	66	64	9	0	0	1	17	62	209	53	0	0
	45-64	1	7	17	11	65	49	0	0	0	4	14	163	382	8	8
65+	0	0	0	1	0	5	2	0	0	0	0	1	1	51	51	51

ORDRBYAGE

Source:  
 Delaware Health Statistics Center

TABLE B-9  
NUMBER AND PERCENT OF MARRIAGES BY MONTH OF CEREMONY  
DELAWARE, 2006

Month	Number	Percent
January	189	3.7
February	241	4.7
March	307	6.0
April	417	8.2
May	517	10.1
June	597	11.7
July	502	9.8
August	482	9.4
September	627	12.3
October	542	10.6
November	351	6.9
December	333	6.5
Total	5105	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 Statistics Center

TABLE B-10  
NUMBER AND PERCENT OF MARRIAGES BY DAY OF WEEK CEREMONY PERFORMED  
DELAWARE, 2006

Day	Number	Percent
Sunday	346	6.8
Monday	97	1.9
Tuesday	232	4.5
Wednesday	808	15.8
Thursday	162	3.2
Friday	567	11.1
Saturday	2893	56.7
Total	5105	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 Statistics Center

TABLE B-11  
NUMBER OF DIVORCES/ANNULMENTS\* BY PLACE OF DECREE  
DELAWARE AND COUNTIES, 1986-2006

Year	Delaware	Kent	New Castle	Sussex
1986	3093	612	1876	605
1987	2939	630	1729	580
1988	3007	646	1835	526
1989	2896	637	1683	576
1990	3034	575	1922	537
1991	3009	646	1724	639
1992	3397	653	2065	679
1993	3175	634	1957	584
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

FYADIV1

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

**Source:**  
Delaware Health Statistics Center

TABLE B-12  
FIVE-YEAR AVERAGE DIVORCE/ANNULMENT\* RATES PER 1,000 POPULATION  
BY PLACE OF DECREE  
DELAWARE AND COUNTIES, 1986-2006

Years	Delaware	Kent	New Castle	Sussex
1986-1990	4.6	5.7	4.2	5.1
1987-1991	4.5	5.7	4.1	5.1
1988-1992	4.6	5.6	4.2	5.1
1989-1993	4.5	5.5	4.2	5.1
1990-1994	4.7	5.6	4.3	5.1
1991-1995	4.7	5.8	4.3	5.2
1992-1996	4.7	5.9	4.3	5.2
1993-1997	4.6	5.8	4.1	5.0
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	3.8	5.0	3.3	4.1

FYADIV2

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

**Source:**  
Delaware Health Statistics Center

TABLE B-13  
NUMBER OF DIVORCES/ANNULMENTS\* BY RACE OF WIFE AND RACE OF HUSBAND  
DELAWARE, 2006

Race of Husband	Race of Wife								
	White	Black	American Indian	Chinese	Hawaiian	Filipino	Other Asian	Other Race	Not Classifiable
White	2021	25	3	1	0	3	9	6	73
Black	82	622	1	1	1	1	6	4	22
American Indian	6	0	2	0	0	0	0	0	2
Chinese	1	0	0	1	0	0	0	0	0
Hawaiian	1	0	0	0	0	0	0	0	0
Filipino	0	0	0	0	0	0	0	1	0
Other Asian	13	5	1	0	0	0	25	0	2
Other Race	3	1	0	0	0	0	0	4	0
Not Classifiable	50	22	0	0	0	0	3	0	215

RACE

**Notes:**

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

**Source:**

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, 2006

Number of Marriage	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Husband</b>						
All Marriages	40	41	40	41	40	40
First Marriage	37	38	37	38	37	38
Second Marriage	46	47	46	47	44	45
Third Marriage+	51	51	51	52	48	48
Not Stated	43	44	43	43	44	44
<b>Wife</b>						
All Marriages	38	39	38	39	38	39
First Marriage	35	36	35	36	36	37
Second Marriage	43	43	43	44	42	43
Third Marriage+	48	48	48	49	45	47
Not Stated	41	41	42	42	40	40

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 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, 2006

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	8	0.2	8	0.4	0	0.0
	20-24	110	3.4	82	3.8	21	2.8	180	5.6	134	6.2	32	4.7
	25-29	358	11.1	240	11.2	87	11.8	453	14.0	325	14.9	88	13.0
	30-34	489	15.1	320	14.9	118	15.9	503	15.5	332	15.3	98	14.5
	35-39	569	17.6	364	17.0	133	18.0	602	18.6	374	17.2	156	23.1
	40-44	565	17.4	357	16.7	146	19.7	500	15.4	327	15.0	106	15.7
	45+	1119	34.5	764	35.7	224	30.3	936	28.9	651	29.9	179	26.5
	Not Stated	28	0.9	13	0.6	11	1.5	57	1.8	26	1.2	16	2.4
	<20	1	0.0	1	0.1	0	0.0	8	0.4	8	0.6	0	0.0
	20-24	105	4.9	77	5.4	21	4.0	173	8.3	132	9.3	30	6.2
	25-29	326	15.2	227	15.8	77	14.8	396	19.0	285	20.1	81	16.8
	30-34	418	19.5	276	19.2	102	19.7	374	17.9	258	18.2	80	16.6
	35-39	414	19.3	269	18.7	103	19.8	411	19.7	254	17.9	120	24.9
40-44	344	16.0	223	15.5	90	17.3	277	13.3	184	13.0	61	12.7	
45+	519	24.2	354	24.7	115	22.2	415	19.9	279	19.7	98	20.3	
Not Stated	20	0.9	8	0.6	11	2.1	33	1.6	18	1.3	12	2.5	
<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
20-24	1	0.1	1	0.2	0	0.0	1	0.1	0	0.0	1	0.7	
25-29	19	2.8	9	1.9	8	4.8	42	6.0	33	6.6	5	3.6	
30-34	49	7.1	36	7.5	12	7.1	84	12.0	60	12.0	16	11.7	
35-39	104	15.1	73	15.1	24	14.3	124	17.8	90	17.9	24	17.5	
40-44	145	21.1	99	20.5	43	25.6	135	19.3	89	17.7	32	23.4	
45+	364	53.0	261	54.0	81	48.2	298	42.7	224	44.6	55	40.1	
Not Stated	5	0.7	4	0.8	0	0.0	14	2.0	6	1.2	4	2.9	
<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
20-24	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
25-29	3	1.4	1	0.6	2	5.0	2	0.8	1	0.5	1	2.9	
30-34	4	1.8	3	1.8	1	2.5	9	3.7	9	4.5	0	0.0	
35-39	18	8.1	10	6.1	6	15.0	24	9.8	18	8.9	5	14.7	
40-44	38	17.2	26	15.9	9	22.5	61	25.0	50	24.8	9	26.5	
45+	158	71.5	124	75.6	22	55.0	148	60.7	124	61.4	19	55.9	
Not Stated	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
20-24	4	2.2	4	6.8	0	0.0	6	2.9	2	3.6	1	4.5	
25-29	10	5.4	3	5.1	0	0.0	13	6.2	6	10.9	1	4.5	
30-34	18	9.8	5	8.5	3	23.1	36	17.1	5	9.1	2	9.1	
35-39	33	17.9	12	20.3	0	0.0	43	20.5	12	21.8	7	31.8	
40-44	38	20.7	9	15.3	4	30.8	27	12.9	4	7.3	4	18.2	
45+	78	42.4	25	42.4	6	46.2	75	35.7	24	43.6	7	31.8	
Not Stated	3	1.6	1	1.7	0	0.0	10	4.8	2	3.6	0	0.0	

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 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, 2006

Number of Marriage	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
<b>Husband</b>						
All Marriages	7.9	10.8	8.5	11.2	6.6	9.5
First Marriage	8.3	11.5	8.8	11.9	7.2	10.4
Second Marriage	7.8	9.8	8.5	10.3	6.2	8.3
Third Marriage+	5.3	7.1	6.7	7.8	2.4	4.0
Not Stated	8.7	11.3	8.5	10.2	5.0	6.9
<b>Wife</b>						
All Marriages	7.9	10.8	8.3	11.1	6.7	9.6
First Marriage	8.8	11.8	9.3	12.1	8.0	10.7
Second Marriage	7.3	9.2	8.0	10.0	5.2	6.8
Third Marriage+	5.8	7.5	6.7	7.8	4.2	5.6
Not Stated	8.1	10.9	6.1	9.3	4.8	8.9

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 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, 2006

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	64	2.0	36	1.7	20	2.7	64	2.0	38	1.7	20	3.0
	1-4	908	28.0	570	26.6	243	32.8	908	28.0	589	27.1	218	32.3
	5-9	922	28.5	599	28.0	224	30.3	922	28.5	605	27.8	201	29.8
	10-14	474	14.6	328	15.3	94	12.7	474	14.6	333	15.3	84	12.4
	15-19	358	11.1	250	11.7	70	9.5	358	11.1	252	11.6	70	10.4
	20-24	237	7.3	169	7.9	36	4.9	237	7.3	174	8.0	32	4.7
	25-29	130	4.0	100	4.7	19	2.6	130	4.0	97	4.5	18	2.7
	30+	122	3.8	80	3.7	26	3.5	122	3.8	83	3.8	24	3.6
	Not Stated	24	0.7	9	0.4	8	1.1	24	0.7	6	0.3	8	1.2
First Marriage	<1	31	1.4	18	1.3	10	1.9	39	1.9	24	1.7	11	2.3
	1-4	573	26.7	363	25.3	157	30.3	527	25.3	350	24.7	134	27.8
	5-9	599	27.9	395	27.5	155	29.9	570	27.3	371	26.2	144	29.9
	10-14	312	14.5	203	14.1	71	13.7	307	14.7	209	14.7	66	13.7
	15-19	254	11.8	180	12.5	57	11.0	255	12.2	179	12.6	58	12.0
	20-24	162	7.5	124	8.6	25	4.8	174	8.3	132	9.3	28	5.8
	25-29	101	4.7	76	5.3	17	3.3	106	5.1	81	5.7	16	3.3
	30+	106	4.9	72	5.0	24	4.6	102	4.9	70	4.9	23	4.8
	Not Stated	9	0.4	4	0.3	3	0.6	7	0.3	2	0.1	2	0.4
Second Marriage	<1	20	2.9	11	2.3	7	4.2	14	2.0	4	0.8	8	5.8
	1-4	198	28.8	131	27.1	56	33.3	224	32.1	148	29.5	55	40.1
	5-9	206	30.0	139	28.8	57	33.9	220	31.5	158	31.5	45	32.8
	10-14	108	15.7	88	18.2	19	11.3	104	14.9	83	16.5	13	9.5
	15-19	68	9.9	52	10.8	13	7.7	66	9.5	55	11.0	7	5.1
	20-24	48	7.0	33	6.8	11	6.5	34	4.9	27	5.4	4	2.9
	25-29	23	3.3	20	4.1	2	1.2	16	2.3	14	2.8	1	0.7
	30+	9	1.3	7	1.4	1	0.6	12	1.7	12	2.4	0	0.0
	Not Stated	7	1.0	2	0.4	2	1.2	8	1.1	1	0.2	4	2.9
Third Marriage and more	<1	12	5.4	7	4.3	3	7.5	10	4.1	9	4.5	1	2.9
	1-4	89	40.3	59	36.0	24	60.0	94	38.5	72	35.6	18	52.9
	5-9	62	28.1	49	29.9	7	17.5	73	29.9	62	30.7	8	23.5
	10-14	29	13.1	24	14.6	4	10.0	35	14.3	31	15.3	3	8.8
	15-19	16	7.2	15	9.1	0	0.0	14	5.7	13	6.4	1	2.9
	20-24	7	3.2	6	3.7	0	0.0	10	4.1	10	5.0	0	0.0
	25-29	1	0.5	1	0.6	0	0.0	2	0.8	1	0.5	1	2.9
	30+	1	0.5	1	0.6	0	0.0	1	0.4	1	0.5	0	0.0
	Not Stated	4	1.8	2	1.2	2	5.0	5	2.0	3	1.5	2	5.9
Not Stated	<1	1	0.5	0	0.0	0	0.0	1	0.4	1	1.8	0	0.0
	1-4	48	26.1	17	28.8	6	46.2	63	25.8	19	34.5	11	50.0
	5-9	55	29.9	16	27.1	5	38.5	59	24.2	14	25.5	4	18.2
	10-14	25	13.6	13	22.0	0	0.0	28	11.5	10	18.2	2	9.1
	15-19	20	10.9	3	5.1	0	0.0	23	9.4	5	9.1	4	18.2
	20-24	20	10.9	6	10.2	0	0.0	19	7.8	5	9.1	0	0.0
	25-29	5	2.7	3	5.1	0	0.0	6	2.5	1	1.8	0	0.0
	30+	6	3.3	0	0.0	1	7.7	7	2.9	0	0.0	1	4.5
Not Stated	4	2.2	1	1.7	1	7.7	4	1.6	0	0.0	0	0.0	

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 Statistics Center

TABLE B-18  
NUMBER AND PERCENT OF DIVORCES BY RACE OF HUSBAND AND WIFE  
AND NUMBER OF CHILDREN UNDER 18

DELAWARE, 2006

Number of Children Under 18	Race							
	All Races		White		Black		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Husband</b>	3239	100.0	2141	100.0	740	100.0	358	100.0
None	1579	48.7	1032	48.2	363	49.1	184	51.4
1	714	22.0	476	22.2	159	21.5	79	22.1
2	603	18.6	423	19.8	124	16.8	56	15.6
3	176	5.4	113	5.3	40	5.4	23	6.4
4	46	1.4	25	1.2	16	2.2	5	1.4
5+	20	0.6	12	0.6	6	0.8	2	0.6
Unknown	101	3.1	60	2.8	32	4.3	9	2.5
<b>Wife</b>	3239	100.0	2177	100.0	675	100.0	387	100.0
None	1579	48.7	1053	48.4	331	49.0	195	50.4
1	714	22.0	477	21.9	146	21.6	91	23.5
2	603	18.6	438	20.1	106	15.7	59	15.2
3	176	5.4	116	5.3	38	5.6	22	5.7
4	46	1.4	26	1.2	15	2.2	5	1.3
5+	20	0.6	10	0.5	6	0.9	4	1.0
Unknown	101	3.1	57	2.6	33	4.9	11	2.8

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 Statistics Center



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

# **Live Births**

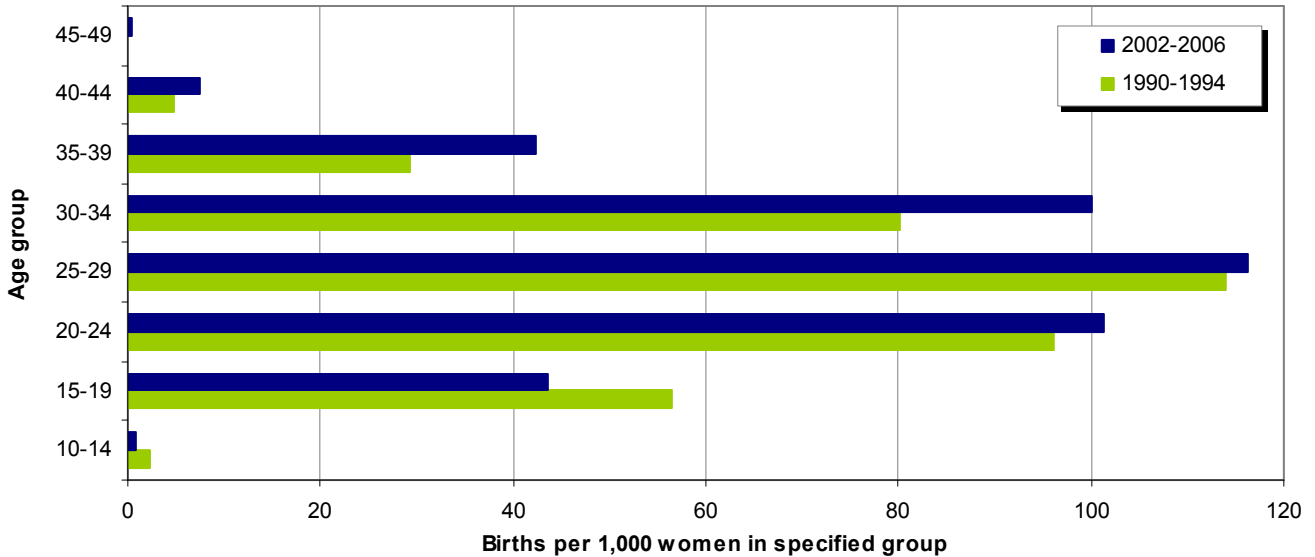
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## LIVE BIRTHS

In 2006, there were 12,415 births in Delaware, 11,336 were to Delaware residents and 1,079 were to non-residents. Additionally, 562 births to Delaware residents occurred out of state, for a total of 11,898 Delaware resident births, 295 more than in 2005.

Delaware's general fertility rate was 65.8 live births per 1,000 females aged 15-44 years in 2002-2006. However, when broken down into specific age groups, birth rates and trends varied substantially; comparing birth rates in 1990-1994 and 2002-2006 displayed a shift toward older mothers in the distribution of birth rates.

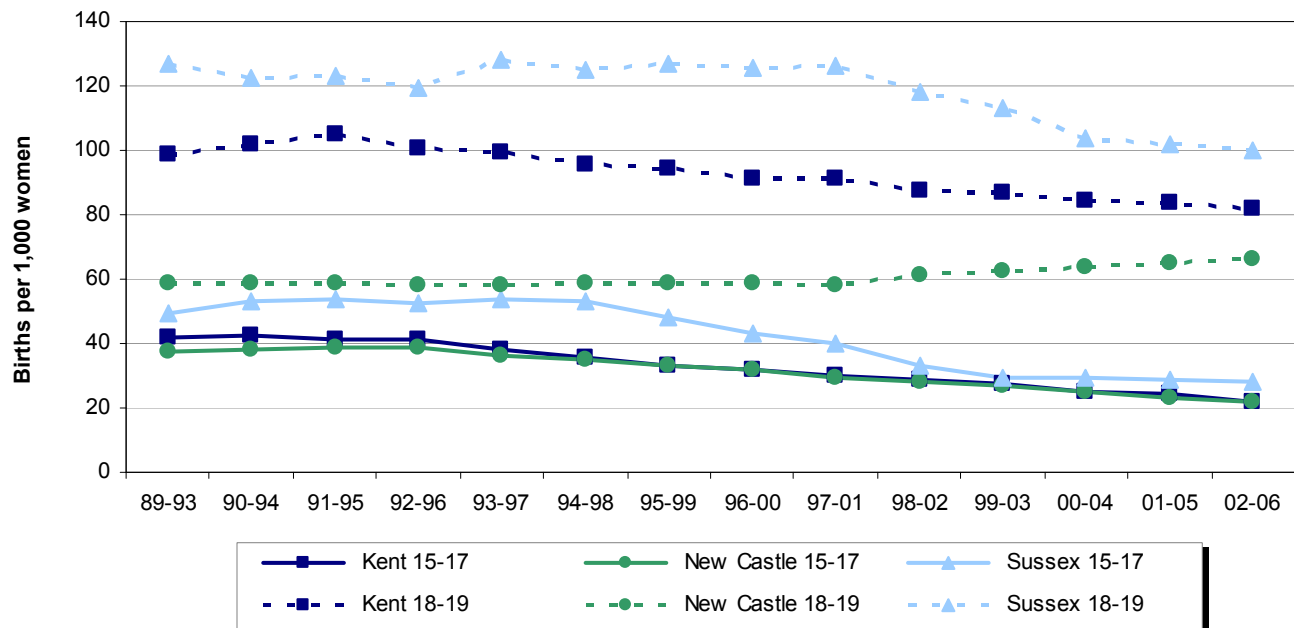
**Five-year Average Live Birth Rates by Age of Mother  
Delaware, 1990-1994 and 2001-2006**



Source: Delaware Health Statistics Center

The teen (15-19) birth rate varied by county and specific teen age groups. With the exception of New Castle County teens ages 18-19, birth rates for all county and teen age groups declined from 2001-2005 to 2002-2006. Sussex County had the highest rates for both the 15-17 and 18-19 age groups.

**Five-year Teen Live Birth Rates by County and Age Group  
Delaware, 1989-2006**

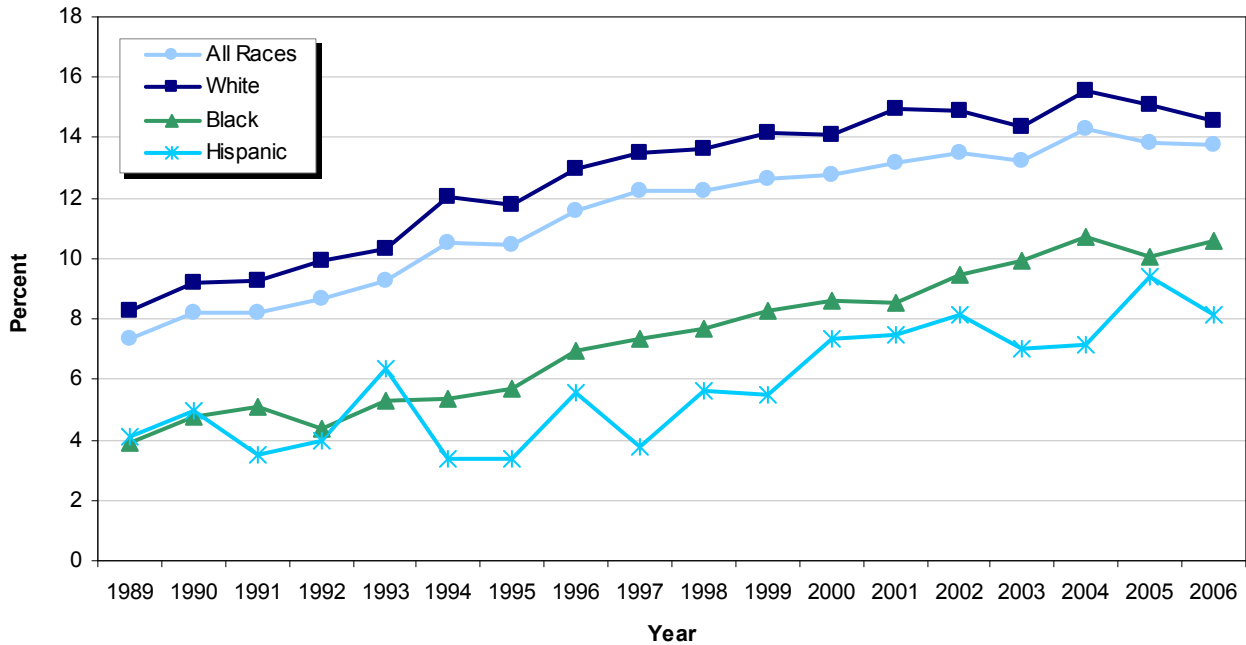


Source: Delaware Health Statistics Center

## LIVE BIRTHS

The overall trend for births to women of all races and ethnicities, ages 35 and older, has been generally increasing.

**Annual Percent of Live Births to Women 35 or Older by Race and Hispanic Origin\***  
Delaware, 1989-2006

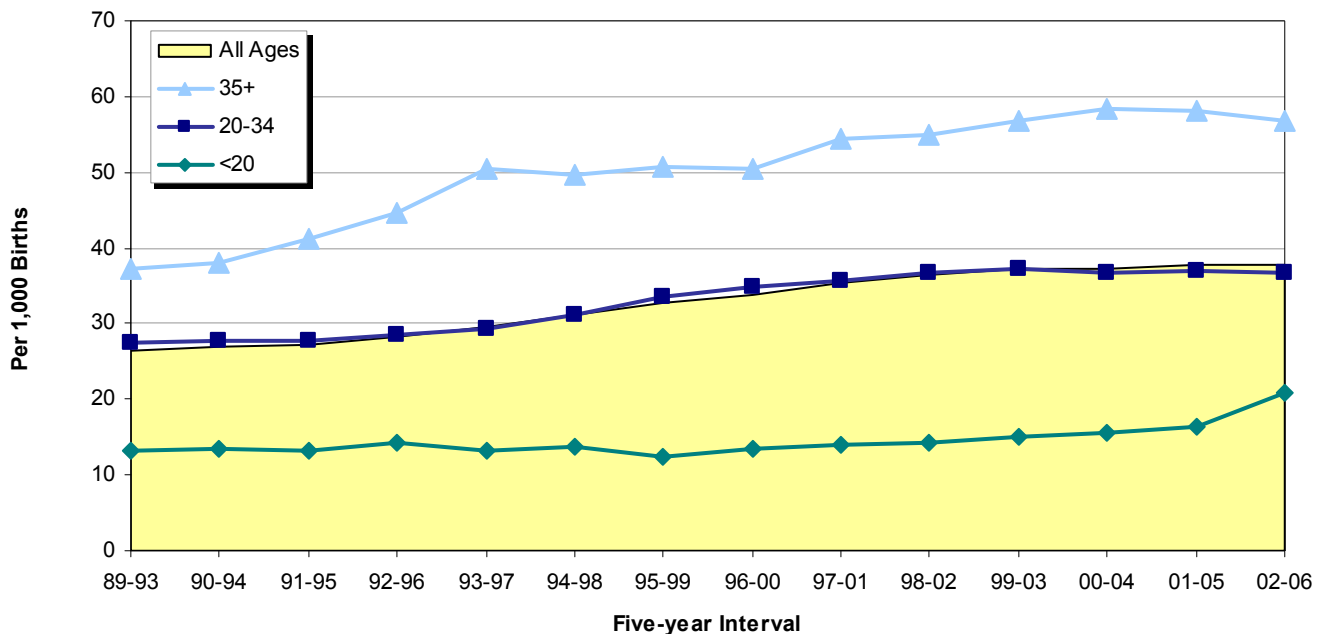


\*Hispanic can be of any race.

Source: Delaware Health Statistics Center

Overall, the rate of plural births increased 43 percent between 1989-1993 and 2002-2006, and the impact of mother's age on the plural birth rate became more pronounced. In 2002-2006, older mothers (35+) had the highest plural birth rates, at 57 twins per 1000 births, more than double that of mothers under 20, and 50 percent higher than mothers 20-34.

**Five-year Average Plural Birth Rate by Age of Mother**  
Delaware, 1989-2005



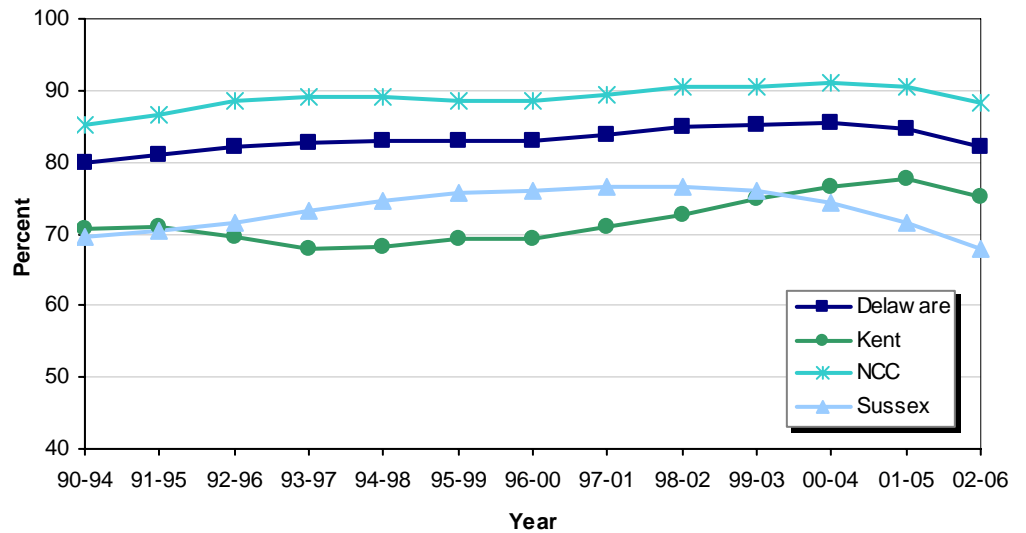
Source: Delaware Health Statistics Center

## LIVE BIRTHS

After increasing steadily through the 1990s and leveling off in the last four time periods, first trimester prenatal care attainment in Delaware decreased from 84.7 to 82 percent.

Each of the three counties and Wilmington experienced decreases in the percentage of mothers receiving prenatal care attainment in the first trimester, though in Sussex county the decline had begun in 1998-2002. In 2002-2006, prenatal care attainment in the first trimester ranged from 68 percent in Sussex county to 88 percent in New Castle county.

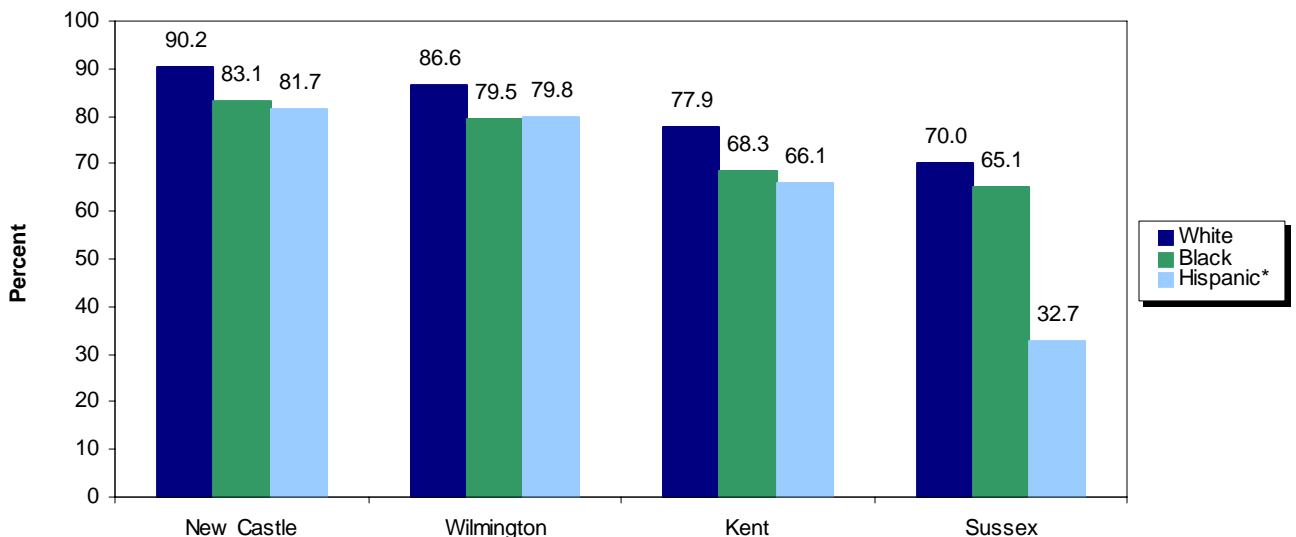
**Five-Year Average Percentage of Births to Mothers Beginning Prenatal Care in the First Trimester Delaware and Counties, 1990-2006**



Source: Delaware Health Statistics Center

The graph below illustrates how the percentages of prenatal care differ among the counties and racial and ethnic groups. New Castle county had the highest rates of women receiving prenatal care in the first trimester, regardless of race; isolating Wilmington produced similar results. With the exception of Sussex county, black mothers and mothers of Hispanic origin received very similar percentages of prenatal care in the first trimester. Not only did Sussex County have the lowest percentage of mothers receiving prenatal care in the first trimester, but it also had the greatest difference between Hispanic mothers and white and black mothers.

**Five-Year Average Percentage of Mothers Receiving PNC in First Trimester by Race Delaware Counties and City of Wilmington, 2002-2006**



\*Hispanic can be of any race.

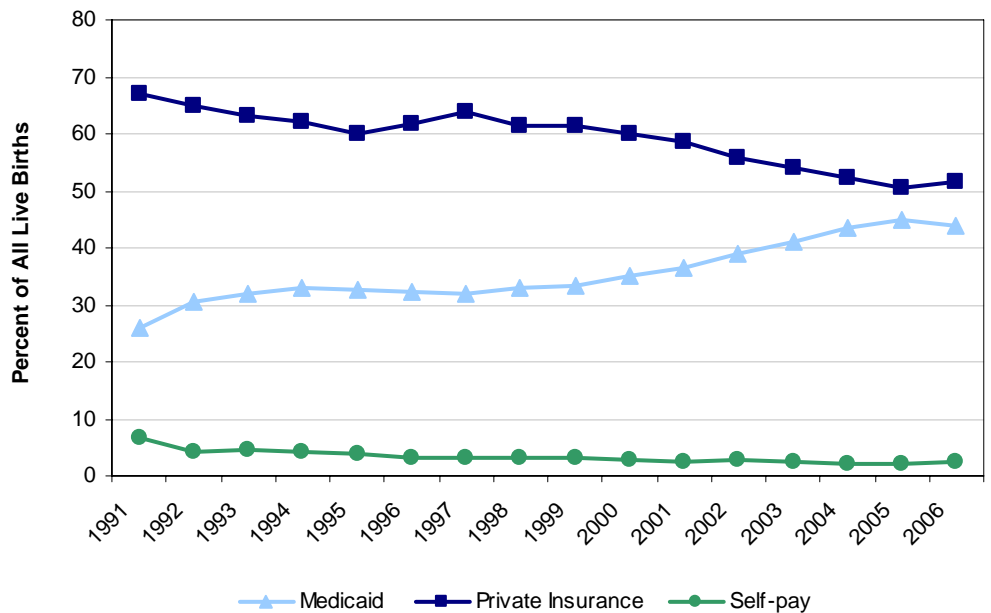
Source: Delaware Health Statistics Center

## LIVE BIRTHS

In 2006, 95 percent of live births had either private insurance or Medicaid listed as the primary source of payment; the remaining 5 percent were split between other government coverage and self-pay.

- Medicaid was the primary source of payment for the majority of mothers under 20, covering 76 percent of both white and black mothers, and 56 percent of mothers of other races.
- Among women of all ages, Medicaid covered more than half of all deliveries for both Hispanic and black mothers.

**Percent of Births by Source of Payment for Delivery  
Delaware, 1991-2006**

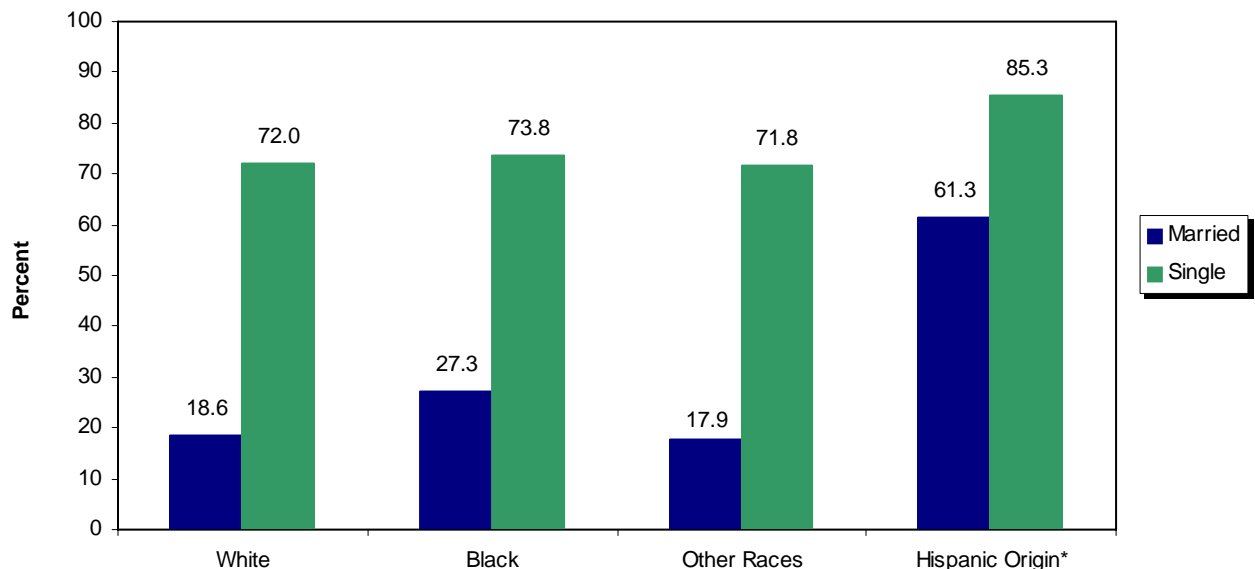


Source: Delaware Health Statistics Center

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

- 18.6 percent of white married women used Medicaid as their primary source of payment, but that number nearly quadrupled, to 72.0 percent, for single white women.
- 27.3 percent of black married women used Medicaid as their primary source of payment, but that number nearly tripled, to 73.8 percent, for single black women.
- 61.3 percent of Hispanic married women used Medicaid as their primary source of payment; that number increased to 85.3 percent for single Hispanic women.
- 17.9 percent of married women of other races used Medicaid as their primary source of payment, but that number was nearly four times higher, at 71.8 percent, if the mother was single.

**Percent of Births by Race, Hispanic Origin, Marital Status, and Medicaid as Primary Source of Payment  
Delaware, 2006**

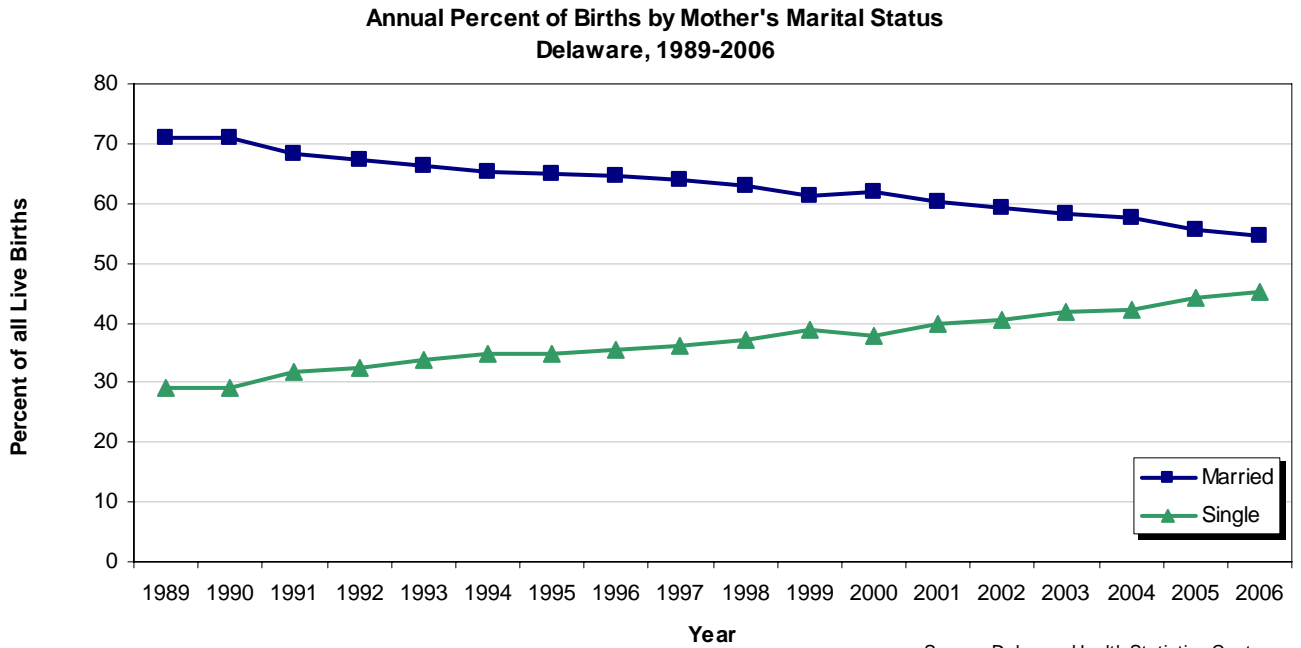


\*Hispanic may be of any race.

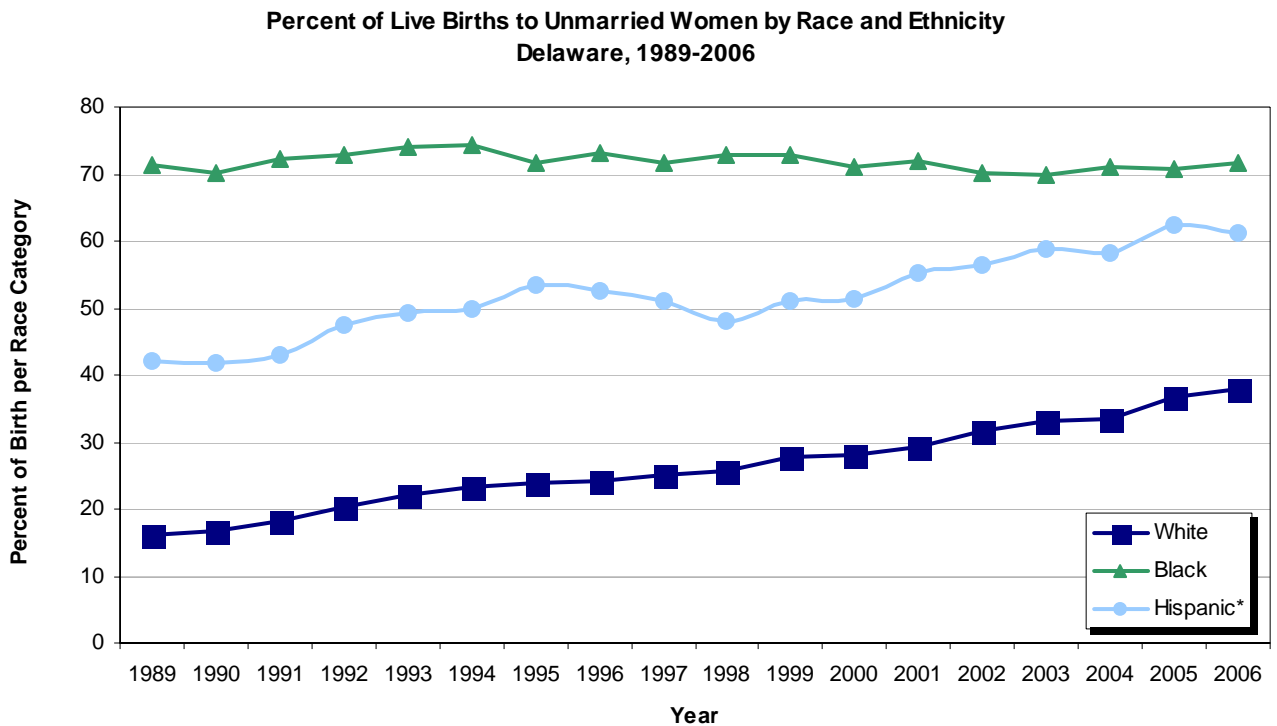
Source: Delaware Health Statistics Center

## LIVE BIRTHS

The percent of births to unmarried women rose again in 2006, to 45.3 percent of all births. The steadily increasing trend began in 1991, when 31.8 percent of all births were to unmarried women.



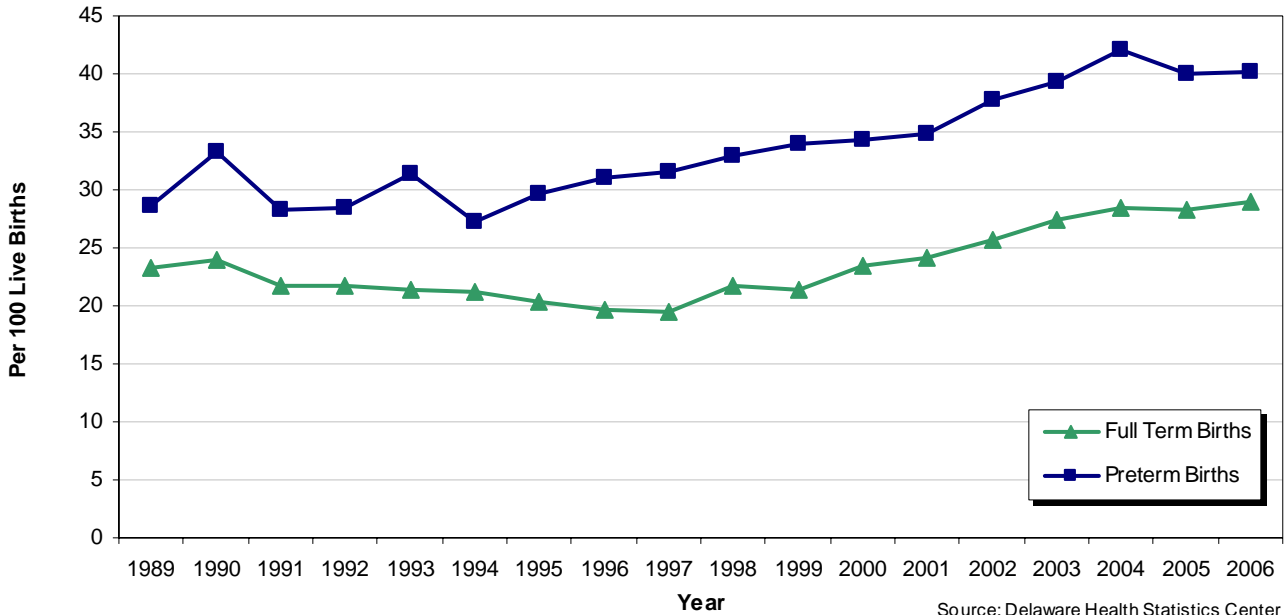
However, this shift in the distribution of mother's marital status was only apparent in births to white and Hispanic women, whose percentage of births to unmarried women increased from 16 percent to 38 percent, and 42 percent to 61 percent from 1989 to 2006. During this same time period, the percent of births to unmarried black women has remained stable, at approximately 71 percent.



## LIVE BIRTHS

From 1997 to 2006, the rate of cesarean deliveries increased 45 percent, to 30.5 per 100 live births. Both preterm and term births demonstrated increasing trends in cesarean deliveries during this same period; although the cesarean section rate for term (37+ weeks of gestation) births rose 48 percent, to 29, the c-section rate for preterm (<37 weeks gestation) births remained significantly higher, at 40.2 per 100 live births.

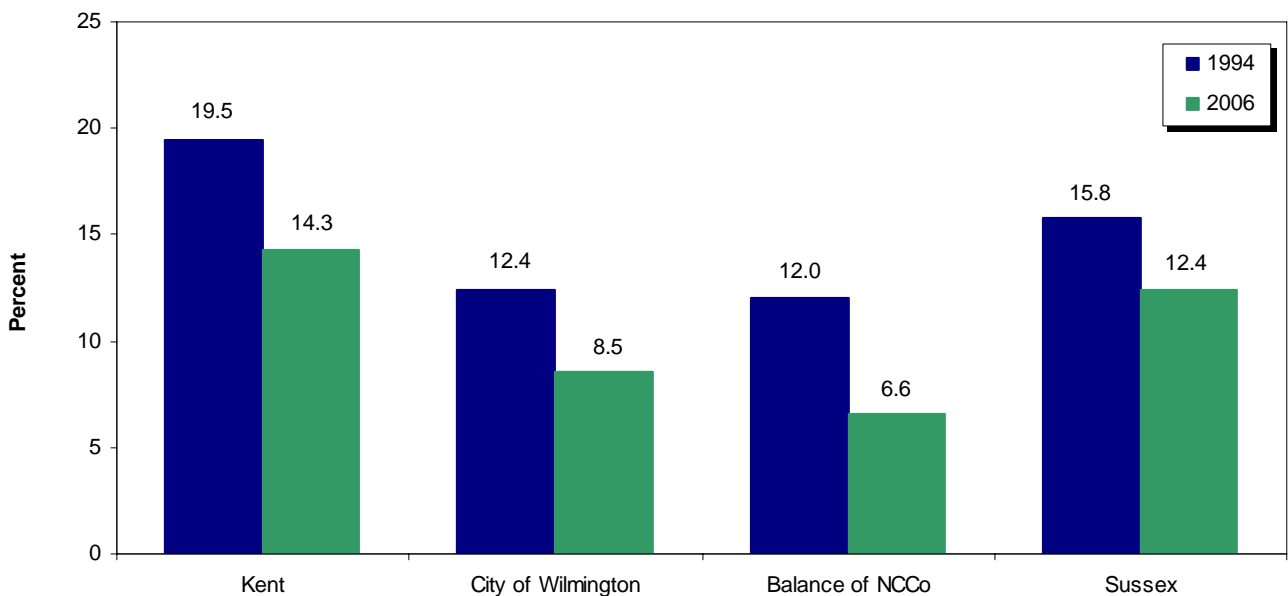
**Annual Rate of Live Births by Gestational Category and Deliveries by Cesarean Section  
Delaware, 1989-2006**



Source: Delaware Health Statistics Center

From 1994 to 2006, the percentage of Delaware mothers who used tobacco while pregnant decreased in the three counties and in the city of Wilmington. In 2006, as in 1994, Kent County had the highest percentage of mothers who smoked while pregnant (14.3).

**Percent of Mothers who Smoked while Pregnant  
Delaware Counties and City of Wilmington, 1994 and 2006**



Source: Delaware Health Statistics Center

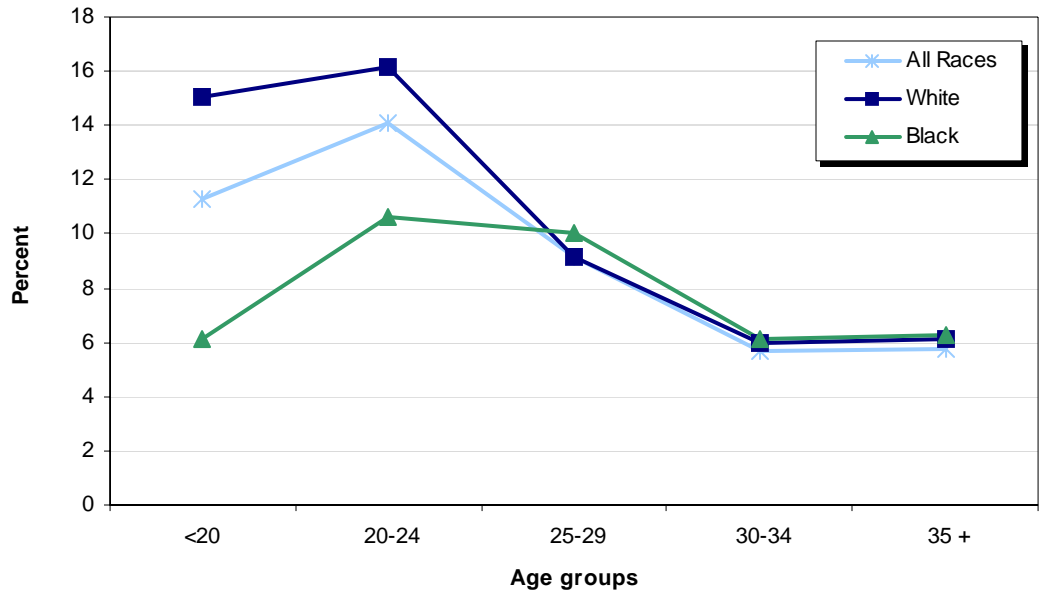


## LIVE BIRTHS

The largest percent of mothers who smoked while pregnant were in the 20-24 age group, regardless of race.

In the under 20 and 20-24 age groups, white mothers were more likely than black mothers to smoke while pregnant. In the 25-29 age group, black mothers were more likely to smoke while pregnant, and in the 30-34 and 35+ age groups, black and white mothers had similar proportions of mothers who smoked.

Percent of Mothers who Smoked While Pregnant by Age Group and Race Delaware, 2006

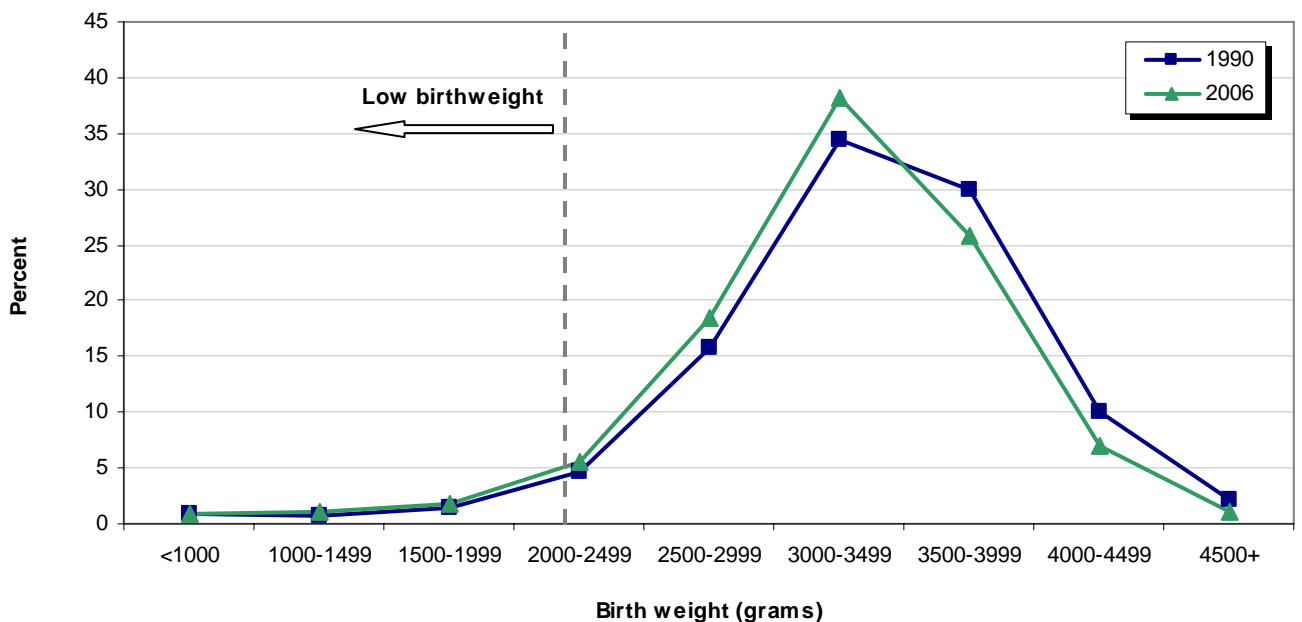


Source: Delaware Health Statistics Center

In 2006, 13.9 percent of Delaware women who smoked while pregnant gave birth to low birthweight babies (< 2500 grams), versus the significantly lower percentage (8.8) of non-smokers who gave birth to low birthweight babies.

The percent distribution of births by birthweight did not differ significantly between 1990 and 2006. The greatest percentage of births fell within the 3000 to 3499 gram range.

Percent Distribution of Births by Birthweight Delaware, 1990 and 2006



Source: Delaware Health Statistics Center

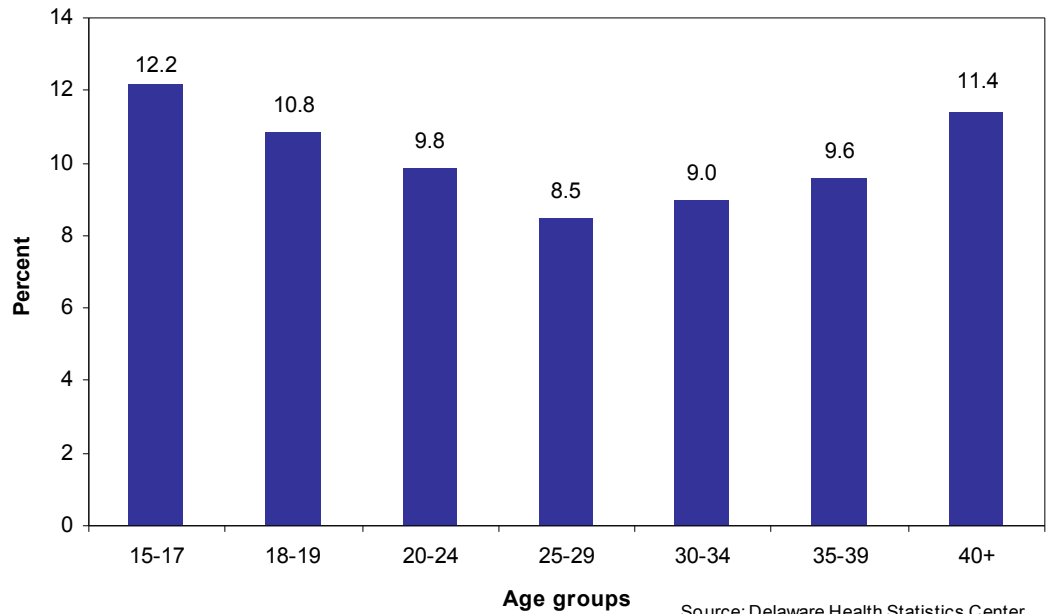
## LIVE BIRTHS

From 2001-2005 to 2002-2006, the five-year percent of low birthweight (LBW) births was unchanged at 9.4; very low birthweight (VLBW) births also remained relatively stable at 2.0.

Percentages of LBW births were greatest for mothers 15-17 (12.2 percent).

Black mothers of every age group had higher percentages of LBW births than white or Hispanic mothers.

**Five-year Percent of Low Birthweight Births (<2500 grams) by Mother's Age Delaware, 2002-2006**



Among mothers of all ages, black mothers had the highest percentage of LBW and VLBW births, at 14.6 percent and 3.6 percent respectively. There was an increase in the percentage of LBW births from 1990-1994 to 2002-2006 for both black and white infants. During the same time period, the percentage of LBW births to Hispanic women decreased.

**Five-year Average Percent of Low (<2500 grams) and Very Low Birthweight Births (<1500 grams) by Race and Hispanic Origin Delaware, 1990-1994 and 2002-2006**

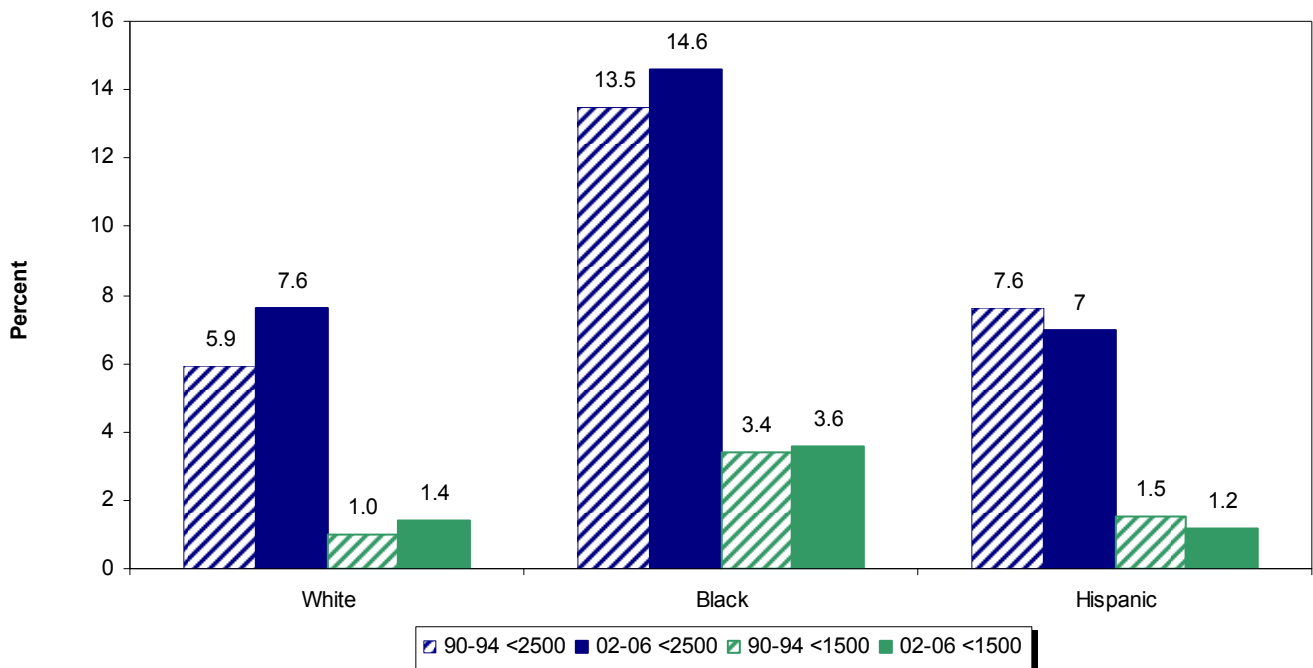


TABLE C-1  
NUMBER OF LIVE BIRTHS BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1996-2006

(ALL RACES)

Area/ Age	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>U.S.</b>	3891494	3880894	3941553	3959417	4058814	4025933	4021726	4089950	4112052	4138349	4265996*
<20	502725	493341	494357	485104	477509	453725	432808	421241	422043	421315	441832*
20-24	945210	942048	965122	981929	1017806	1021627	1022106	1032305	1034454	1040388	1080507*
25-29	1071287	1069436	1083010	1078252	1087547	1058265	1060391	1086366	1104485	1131596	1182187*
30+	1372272	1376069	1399064	1414132	1475952	1492316	1506421	1550038	1551070	1545050	1561470*
<b>Delaware</b>	10148	10246	10574	10666	11046	10747	11083	11337	11358	11603	11898
<20	1384	1374	1391	1415	1361	1285	1233	1227	1198	1239	1281
20-24	2247	2145	2403	2549	2703	2653	2799	2917	2861	2931	3057
25-29	2766	2910	2903	2888	2921	2781	2858	2878	2985	3101	3226
30+	3751	3817	3877	3814	4061	4028	4193	4315	4314	4332	4334
<b>Kent</b>	1872	1718	1880	1922	1957	1901	1902	2062	2010	2175	2233
<20	269	267	253	296	266	278	230	243	242	266	246
20-24	572	443	584	561	647	606	598	713	660	670	679
25-29	507	483	537	523	521	484	521	507	531	603	625
30+	524	525	506	542	523	533	553	599	577	636	683
<b>New Castle</b>	6560	6693	6832	6917	7110	6812	7163	7174	7120	7172	7299
<20	833	754	824	808	795	689	730	712	667	654	716
20-24	1180	1203	1271	1465	1472	1445	1587	1577	1502	1562	1652
25-29	1818	1935	1891	1854	1894	1761	1852	1840	1858	1922	1953
30+	2729	2801	2846	2790	2949	2917	2994	3045	3093	3034	2978
<b>Wilmington</b>	1171	1191	1207	1228	1253	1184	1254	1219	1162	1207	1339
<20	340	309	288	276	297	246	274	243	222	218	243
20-24	300	286	335	406	371	363	396	395	375	351	422
25-29	240	269	247	257	284	249	253	249	252	285	317
30+	291	327	337	289	301	326	331	332	313	353	357
<b>Balance of NC County</b>	5389	5502	5625	5689	5857	5628	5909	5955	5958	5965	5960
<20	493	445	536	532	498	443	456	469	445	436	473
20-24	880	917	936	1059	1101	1082	1191	1182	1127	1211	1230
25-29	1578	1666	1644	1597	1610	1512	1599	1591	1606	1637	1636
30+	2438	2474	2509	2501	2648	2591	2663	2713	2780	2681	2621
<b>Sussex</b>	1716	1835	1862	1827	1979	2034	2018	2101	2228	2256	2366
<20	282	353	314	311	300	318	273	272	289	319	319
20-24	495	499	548	523	584	602	614	627	699	699	726
25-29	441	492	475	511	506	536	485	531	596	576	648
30+	498	491	525	482	589	578	646	671	644	662	673

RESLVBRT

**Note:**

\*U.S. data for 2006 are preliminary.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE C-2  
NUMBER OF LIVE BIRTHS BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1996-2006

(WHITE)

Area/ Age	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>U.S.</b>	3093057	3072640	3118727	3132501	3194005	3177626	3174760	3225848	3222928	3229294	N/A
<20	350211	343293	345495	342627	337452	322658	309872	302024	300858	298910	N/A
20-24	726669	720546	736664	748371	772811	779529	783000	790910	788264	790445	N/A
25-29	878449	871636	880688	873654	874180	850343	851142	871496	880870	899406	N/A
30+	1137728	1137165	1155880	1167849	1209562	1225096	1230746	1261418	1252936	1240533	N/A
<b>Delaware</b>	7539	7501	7608	7595	7889	7557	7772	7823	7897	8113	8319
<20	697	715	721	750	740	672	655	691	653	714	743
20-24	1515	1398	1532	1586	1717	1655	1778	1820	1817	1910	1965
25-29	2183	2285	2223	2183	2179	2036	2063	2035	2102	2224	2356
30+	3144	3103	3132	3076	3253	3194	3276	3277	3325	3265	3255
<b>Kent</b>	1401	1264	1365	1388	1412	1355	1350	1444	1388	1529	1574
<20	150	161	149	174	164	157	128	146	125	146	132
20-24	408	302	400	387	439	417	411	463	442	459	452
25-29	407	390	420	395	399	358	373	373	370	437	472
30+	436	411	396	432	410	423	438	462	451	487	518
<b>New Castle</b>	4849	4859	4851	4884	5032	4750	4921	4885	4816	4846	4841
<20	397	342	400	406	402	357	378	380	343	363	388
20-24	741	748	754	850	891	863	933	956	881	964	953
25-29	1418	1494	1410	1377	1383	1257	1313	1281	1257	1313	1346
30+	2293	2275	2287	2251	2356	2273	2297	2268	2335	2206	2154
Wilmington	414	412	424	419	465	439	462	477	437	475	496
<20	71	48	55	47	66	55	64	62	51	61	53
20-24	77	75	88	103	109	97	96	116	112	109	120
25-29	93	116	100	105	128	105	108	112	104	117	141
30+	173	173	181	164	162	182	194	187	170	188	182
Balance of NC County	4435	4447	4427	4465	4567	4311	4459	4408	4379	4371	4345
<20	326	294	345	359	336	302	314	318	292	302	335
20-24	664	673	666	747	782	766	837	840	769	855	833
25-29	1325	1378	1310	1272	1255	1152	1205	1169	1153	1196	1205
30+	2120	2102	2106	2087	2194	2091	2103	2081	2165	2018	1972
<b>Sussex</b>	1289	1378	1392	1323	1445	1452	1501	1494	1693	1738	1904
<20	150	212	172	170	174	158	149	165	185	205	223
20-24	366	348	378	349	387	375	434	401	494	487	560
25-29	358	401	393	411	397	421	377	381	475	474	538
30+	415	417	449	393	487	498	541	547	539	572	583

**Note:**  
N/A indicates data not available.

RESLVBR2

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

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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1996-2006

(BLACK)

Area/ Age	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>U.S.</b>	578099	599913	609902	605970	622598	606156	593691	599847	616074	633134	N/A
<20	132700	133251	131226	125143	122762	114298	106983	103677	105620	106742	N/A
20-24	174958	182600	189088	193211	202596	199221	194704	196268	200398	203716	N/A
25-29	129002	135529	139302	138868	141968	137400	136591	139947	147858	156161	N/A
30+	141439	148533	150286	148748	155272	155237	155413	159955	162198	166515	N/A
<b>Delaware</b>	2369	2495	2612	2664	2634	2702	2706	2865	2870	2881	3021
<20	669	648	653	630	597	568	540	504	516	494	523
20-24	693	716	806	880	890	903	912	981	946	936	1015
25-29	526	555	558	579	549	590	597	617	687	683	690
30+	481	576	595	575	598	641	657	763	721	768	793
<b>Kent</b>	420	411	456	489	464	479	478	559	529	549	579
<20	110	101	98	116	98	115	97	93	110	103	110
20-24	148	133	167	161	191	169	171	237	195	192	211
25-29	89	81	98	117	89	109	117	118	133	139	125
30+	73	96	93	95	86	86	93	111	91	115	133
<b>New Castle</b>	1545	1644	1734	1758	1744	1780	1858	1878	1879	1878	2026
<20	430	408	417	391	389	328	344	323	307	285	320
20-24	422	433	487	577	535	555	610	583	569	550	648
25-29	358	388	393	383	387	400	413	404	451	458	469
30+	335	415	437	407	433	497	491	568	552	585	589
Wilmington	745	767	770	791	775	734	775	728	707	710	820
<20	269	260	231	226	231	191	210	178	167	157	186
20-24	221	208	241	299	257	262	294	277	260	238	298
25-29	143	150	146	148	153	139	140	134	143	159	170
30+	112	149	152	118	134	142	131	139	137	156	166
Balance of NC County	800	877	964	967	969	1046	1083	1150	1172	1168	1206
<20	161	148	186	165	158	137	134	145	140	128	134
20-24	201	225	246	278	278	293	316	306	309	312	350
25-29	215	238	247	235	234	261	273	270	308	299	299
30+	223	266	285	289	299	355	360	429	415	429	423
<b>Sussex</b>	404	440	422	417	426	443	370	428	462	454	416
<20	129	139	138	123	110	125	99	88	99	106	93
20-24	123	150	152	142	164	179	131	161	182	194	156
25-29	79	86	67	79	73	81	67	95	103	86	96
30+	73	65	65	73	79	58	73	84	78	68	71

RESLVR3

**Note:**

N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE C-4  
NUMBER OF LIVE BIRTHS BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1996-2006

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

Area/ Age	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>U.S.</b>	701339	709767	734661	764339	815868	851851	876642	912329	946349	985505	1039050*
<20	121934	120955	124104	127402	132107	132562	130321	130880	135400	139372	148106*
20-24	214173	216152	223113	231475	247552	258431	265235	273311	279746	287896	303443*
25-29	185478	188669	196012	203985	218167	227910	236143	246361	254358	266590	280630*
30+	179754	183991	191432	201477	218042	232948	244943	261777	276845	291647	306871*
<b>Delaware</b>	665	638	778	858	1023	1082	1313	1382	1519	1674	1920
<20	122	94	133	143	163	190	204	217	206	271	290
20-24	228	231	258	308	332	365	432	460	527	560	614
25-29	189	199	226	250	287	304	369	382	433	417	551
30+	126	114	161	157	241	223	308	323	353	426	465
<b>Kent</b>	76	59	75	83	90	105	110	121	143	165	169
<20	16	6	14	17	10	17	20	17	25	32	25
20-24	31	27	29	23	30	32	40	46	66	54	49
25-29	17	17	18	28	34	28	34	25	29	35	49
30+	12	9	14	15	16	28	16	33	23	44	46
<b>New Castle</b>	402	378	504	545	657	685	817	862	906	990	1183
<20	82	67	90	96	108	123	138	148	124	157	185
20-24	119	116	148	185	214	232	248	274	291	324	379
25-29	119	118	151	147	168	181	236	233	260	247	331
30+	82	77	115	117	167	149	195	207	231	262	288
Wilmington	145	136	175	177	194	185	217	221	205	223	266
<20	43	35	44	33	47	34	52	54	38	48	50
20-24	45	47	53	67	67	60	75	79	77	75	94
25-29	32	35	46	42	41	55	49	53	52	55	69
30+	25	19	32	35	39	36	41	35	38	45	53
Balance of NC County	257	242	329	368	463	500	600	641	701	767	917
<20	39	32	46	63	61	89	86	94	86	109	135
20-24	74	69	95	118	147	172	173	195	214	249	285
25-29	87	83	105	105	127	126	187	180	208	192	262
30+	57	58	83	82	128	113	154	172	193	217	235
<b>Sussex</b>	187	201	199	230	276	292	386	399	470	519	568
<20	24	21	29	30	45	50	46	52	57	82	80
20-24	78	88	81	100	88	101	144	140	170	182	186
25-29	53	64	57	75	85	95	99	124	144	135	171
30+	32	28	32	25	58	46	97	83	99	120	131

RESLVBR4

**Notes:**

1. Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
2. \*Indicates U.S. data for 2006 are preliminary.

**Sources:**

National Center for Health Statistics  
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, 1987-2006

Age/Area/ Race	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>Teens 15-19</b>																
<b>U.S.</b>	56.5	58.5	59.8	60.1	59.3	57.7	56.0	54.4	52.6	50.8	49.1	47.3	45.4	43.7	42.3	41.6*
White	47.2	49.2	50.8	51.4	51.2	50.2	49.0	47.9	46.7	45.4	44.0	42.7	41.3	39.9	38.7	N/A
Black	109.5	111.7	112.0	110.5	106.9	101.6	96.8	92.2	87.7	84.0	80.6	76.4	72.0	68.5	65.5	N/A
<b>Delaware</b>	54.0	55.3	56.2	56.5	56.5	55.3	54.3	53.2	52.0	50.7	49.5	48.4	47.1	45.4	44.3	43.6
White	36.7	37.6	38.5	39.1	39.9	39.5	39.5	38.8	38.4	37.7	37.1	36.4	35.9	34.8	34.4	34.8
Black	121.9	124.4	124.6	123.0	119.4	113.7	108.2	104.0	98.8	94.9	90.1	85.8	80.7	76.4	72.3	69.1
<b>Kent</b>	64.3	64.9	66.9	67.3	66.8	64.3	61.4	58.0	56.7	55.2	54.6	52.4	51.5	48.6	47.7	45.4
White	52.8	53.4	54.7	54.8	53.9	53.3	52.3	50.8	50.5	50.6	49.6	45.9	44.0	39.6	37.5	35.1
Black	98.1	98.1	102.7	104.1	102.4	92.5	83.5	74.0	70.2	66.4	67.2	69.1	71.9	73.6	74.9	73.3
<b>New Castle</b>	46.2	47.6	48.1	48.2	48.2	47.7	46.1	45.8	44.9	44.1	42.7	42.9	42.1	40.8	39.5	39.3
White	29.3	30.2	30.9	31.6	32.5	32.6	31.3	30.9	30.4	29.9	29.5	30.7	30.9	30.4	30.3	30.7
Black	121.1	123.7	122.0	117.8	113.1	108.9	105.4	104.2	100.9	98.5	91.3	86.0	79.3	73.4	67.0	64.3
Wilmington	135.9	139.0	139.2	134.0	129.9	126.7	125.5	121.8	119.3	118.5	111.5	107.7	103.3	98.6	92.3	90.7
White	119.5	113.4	112.3	104.5	98.6	101.4	101.2	94.5	93.9	100.6	98.3	104.0	106.1	107.6	106.6	105.6
Black	157.4	165.1	166.8	162.4	158.3	151.7	149.4	145.4	141.4	138.2	128.8	121.4	114.2	106.7	97.9	95.3
<b>Sussex</b>	78.0	79.2	80.1	80.7	81.4	79.0	82.7	80.7	77.8	73.8	72.0	64.8	60.7	58.0	57.4	56.6
White	54.7	55.0	56.2	56.1	57.6	56.0	63.1	62.3	61.4	58.4	55.6	48.2	45.3	44.4	44.4	46.8
Black	157.2	161.4	161.8	165.9	164.0	158.9	153.5	146.7	134.0	124.5	119.4	108.1	97.6	91.9	91.1	84.9
<b>Teens 15-17</b>																
<b>U.S.</b>	35.5	36.7	37.6	37.8	37.5	36.5	35.3	33.8	32.1	30.3	28.5	26.7	25.1	23.8	22.7	22.2*
<b>Delaware</b>	38.3	40.0	40.5	41.6	41.8	41.4	39.5	38.0	35.8	33.8	31.6	29.2	27.3	25.7	24.2	23.0
<b>Kent</b>	40.8	40.6	42.1	42.3	41.3	41.2	38.1	35.4	33.4	31.8	30.2	28.7	27.4	25.0	24.2	21.7
<b>New Castle</b>	35.7	37.3	37.6	38.3	38.8	38.5	36.2	34.9	33.3	31.9	29.6	28.3	26.8	24.7	22.9	22.0
<b>Sussex</b>	45.4	49.4	49.6	53.4	53.7	52.7	53.8	52.9	48.0	43.2	40.1	33.2	29.2	29.6	28.8	28.1
<b>Teens 18-19</b>																
<b>U.S.</b>	85.2	88.2	90.6	92.0	91.7	89.9	87.7	85.8	83.7	81.6	79.8	77.9	75.7	73.6	72.0	71.4*
<b>Delaware</b>	71.3	72.3	73.9	73.9	74.7	73.2	73.8	73.4	73.3	72.6	73.1	74.1	74.6	74.2	75.0	75.4
<b>Kent</b>	91.9	94.8	98.9	101.9	105.0	100.7	99.5	95.6	94.2	91.0	91.0	87.3	86.9	84.2	83.8	81.6
<b>New Castle</b>	56.7	57.9	58.8	58.6	58.8	58.3	57.9	58.8	58.6	58.5	58.2	61.1	62.2	63.5	64.7	66.2
<b>Sussex</b>	129.6	125.6	126.9	122.3	123.4	119.5	127.9	125.3	126.9	125.4	126.3	118.1	112.9	104.0	101.6	99.7

FYATEEN

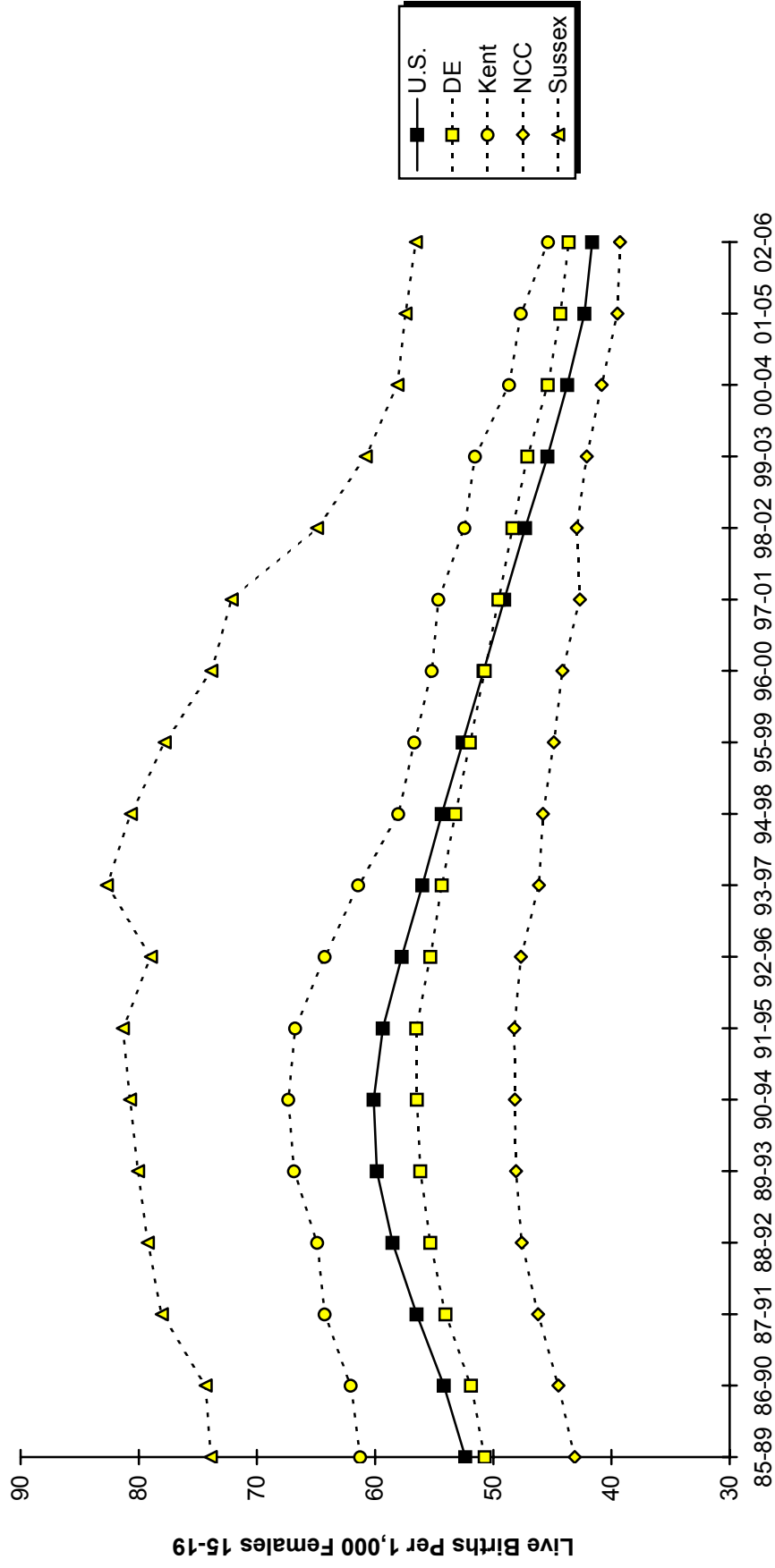
**Notes:**

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.
3. N/A indicates data not available.
4. \*Indicates U.S. data for 2006 are preliminary.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

**Figure C-1**  
**Five-Year Average Teenage (15-19) Live Birth Rates**  
**U.S., Delaware and Counties, 1985-2006**

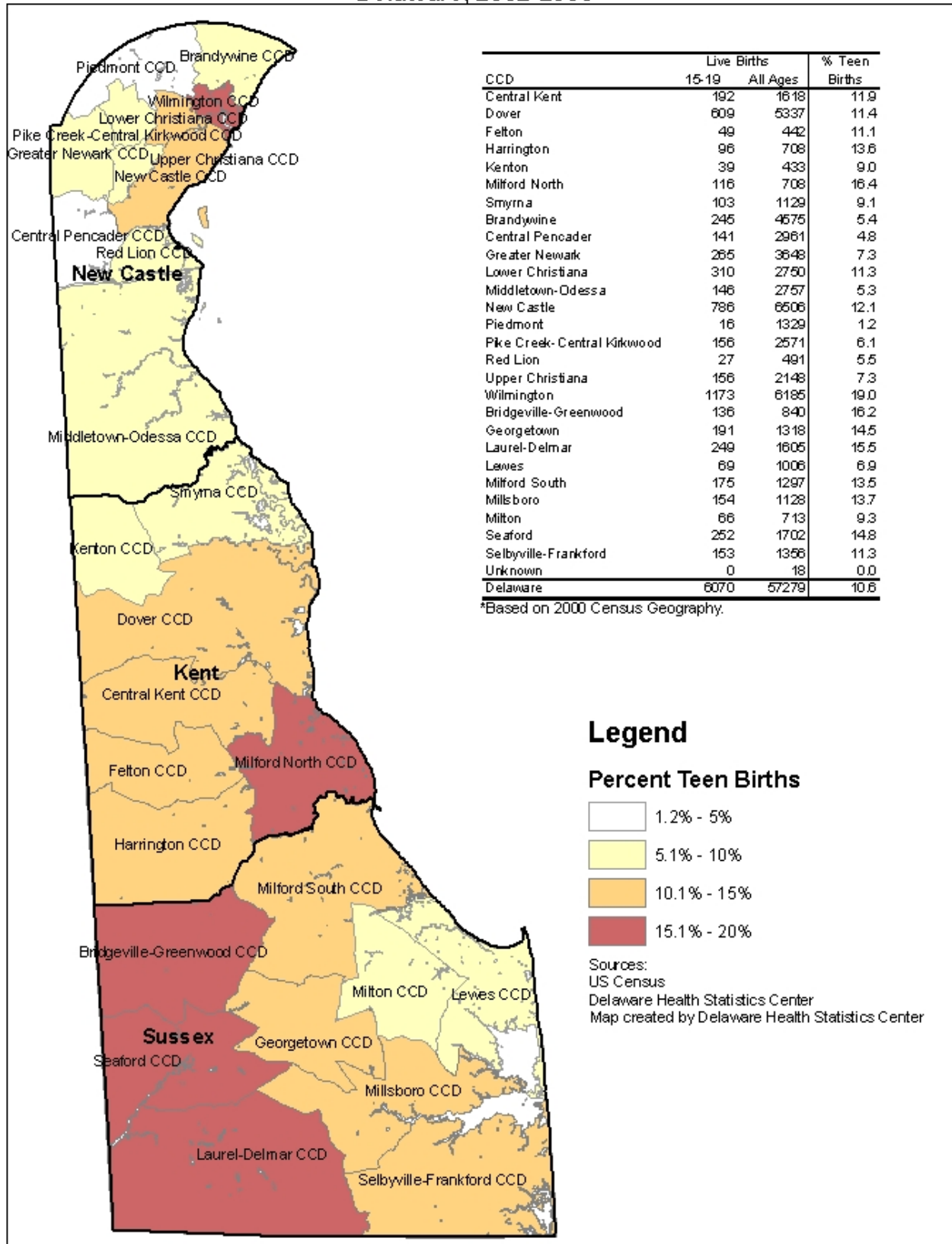


**Sources:**  
 Delaware Health Statistics Center  
 National Center for Health Statistics



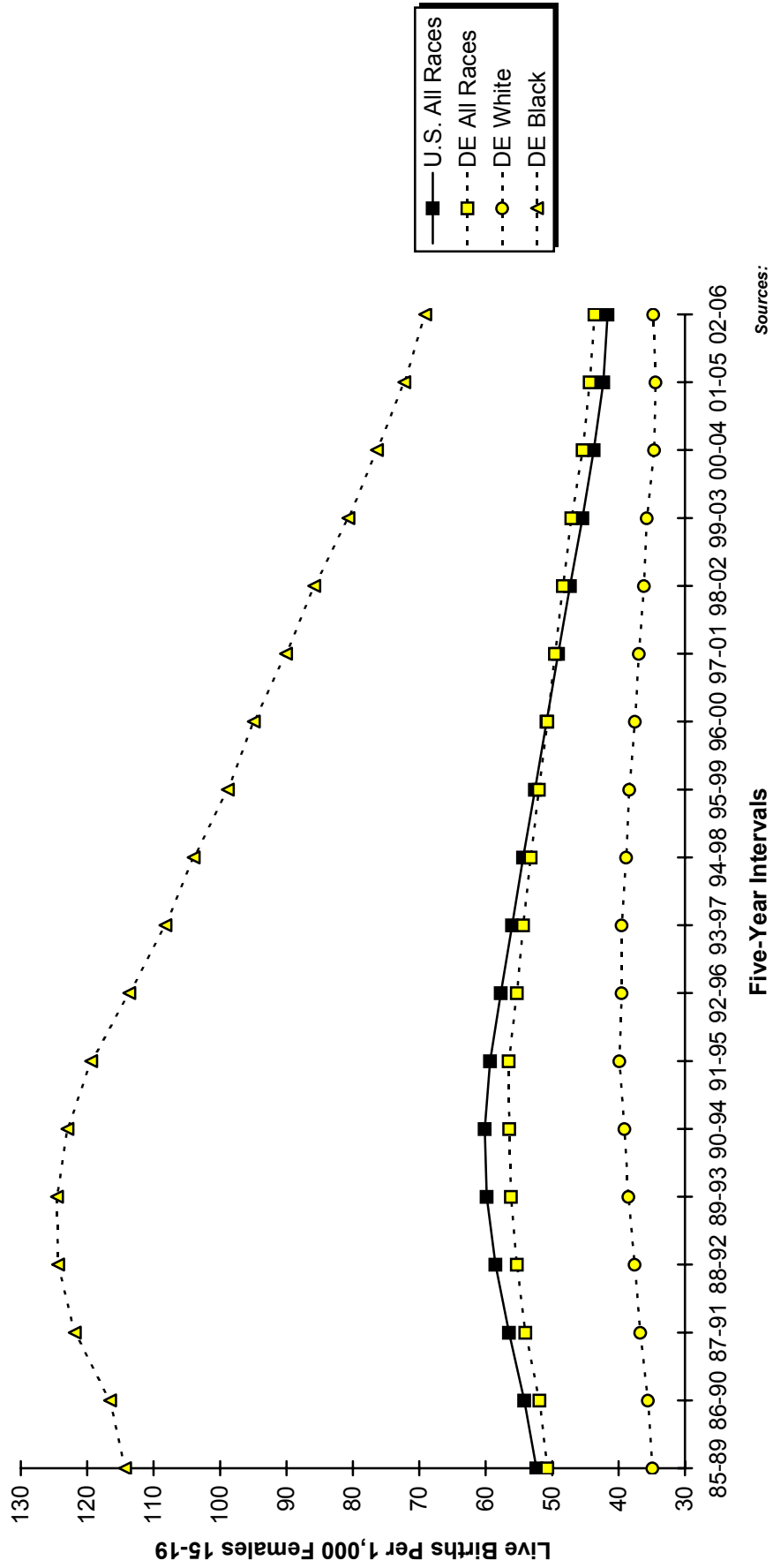
Figure C-2

Five-year Average Percent Live Births to Teens (15-19) by Census County Division\* Delaware, 2002-2006



**Figure C-3**  
**Five-Year Average Teenage (15-19) Live Birth Rates by Race**

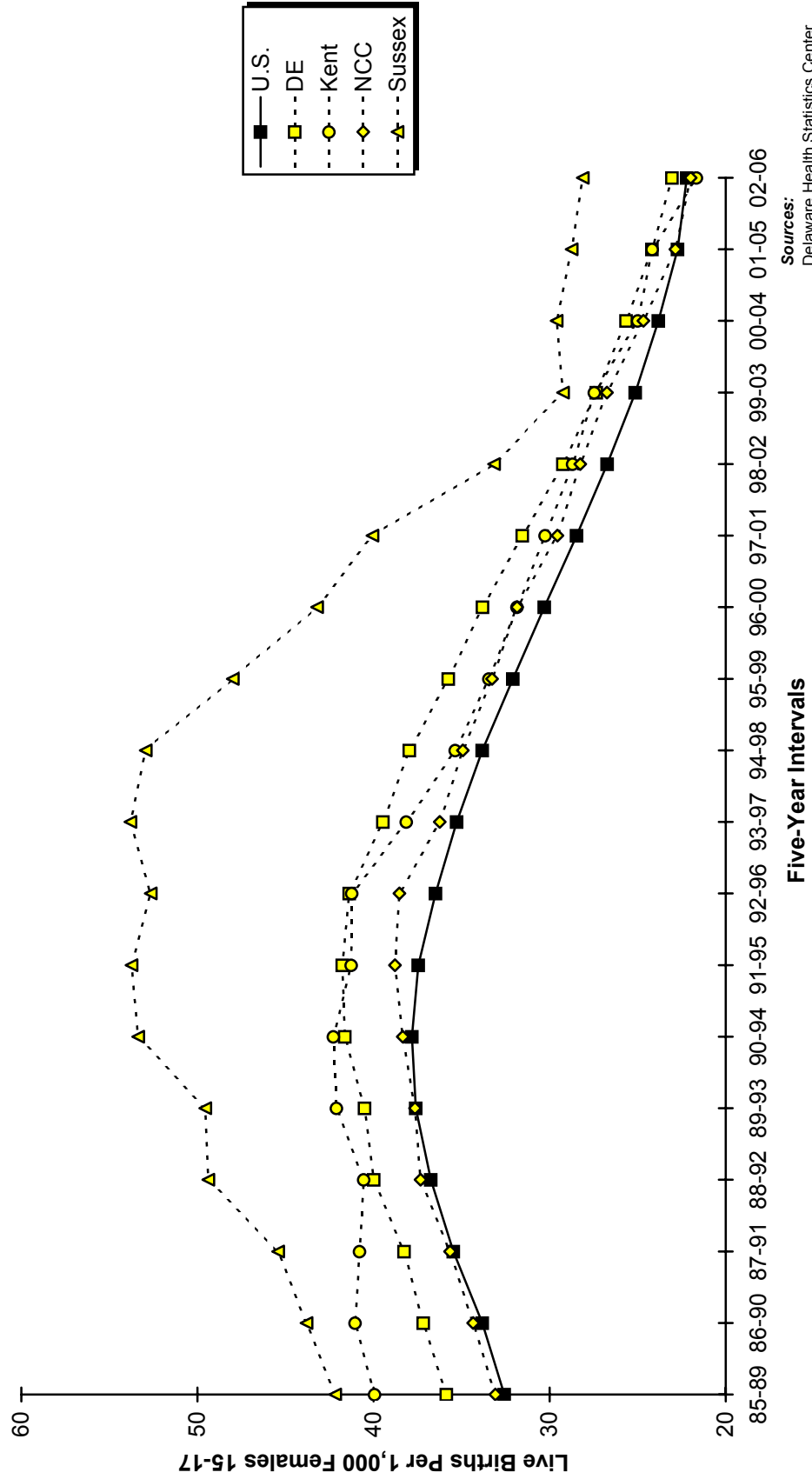
**U.S. and Delaware, 1985-2006**



Sources:  
 Delaware Health Statistics Center  
 National Center for Health Statistics

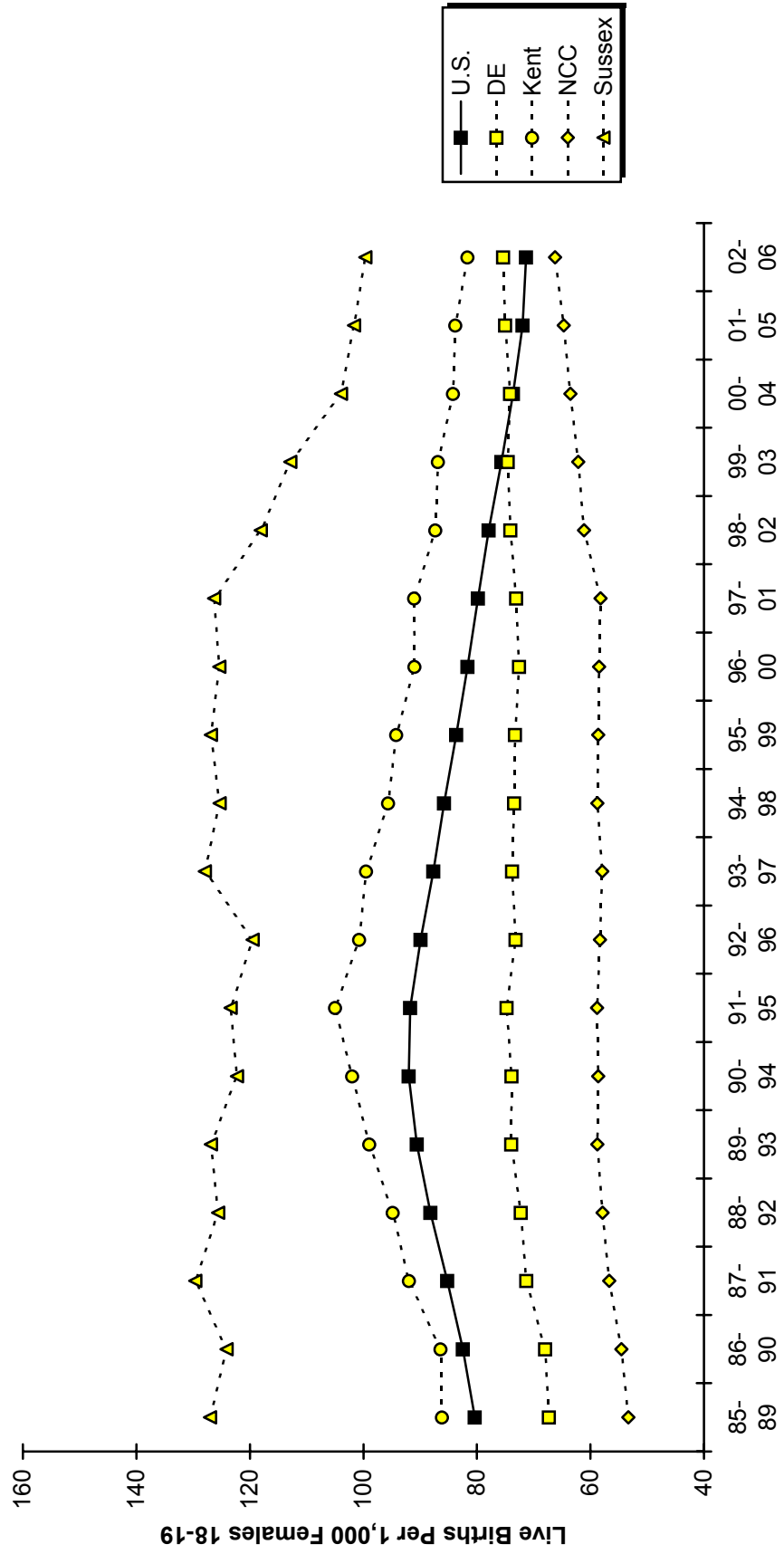
**Figure C-4**  
**Five-Year Average Teenage (15-17) Live Birth Rates**

**U.S., Delaware and Counties, 1985-2006**



Sources:  
 Delaware Health Statistics Center  
 National Center for Health Statistics

**Figure C-5**  
**Five-Year Average Teenage (18-19) Live Birth Rates**  
**U.S., Delaware and Counties, 1985-2006**



Sources:  
 Delaware Health Statistics Center  
 National Center for Health Statistics

TABLE C-6  
FIVE-YEAR GENERAL FERTILITY AND AGE-SPECIFIC LIVE BIRTH RATES

U.S., DELAWARE AND COUNTIES, 1987-2006

(ALL RACES)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>																
General	68.5	69.1	69.2	68.7	67.6	66.7	65.9	65.5	65.4	65.4	65.4	65.5	65.6	65.7	65.8	66.5*
10-14	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.7*
15-19	56.5	58.5	59.8	60.1	59.3	57.7	56.0	54.4	52.6	50.8	49.1	47.3	45.4	43.7	42.3	41.6*
20-24	112.7	114.1	114.6	114.0	112.6	111.4	110.4	110.1	110.2	110.1	109.2	107.9	106.1	104.3	103.0	103.1*
25-29	116.4	117.6	117.9	117.2	115.6	114.5	113.6	113.7	114.4	114.8	114.9	115.1	115.0	114.6	114.9	115.6*
30-34	76.9	78.5	79.7	80.5	80.9	81.7	82.7	84.0	85.6	87.3	88.9	90.4	91.9	93.1	94.0	95.2*
35-39	29.6	30.8	31.8	32.5	33.1	33.7	34.4	35.3	36.3	37.4	38.4	39.5	40.8	42.2	43.5	44.8*
40-44	5.1	5.4	5.6	5.8	6.1	6.3	6.6	6.8	7.0	7.3	7.6	7.8	8.1	8.4	8.6	8.9*
45-49**	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6*
<b>Delaware</b>																
General	66.8	66.9	66.4	65.4	63.9	62.2	61.3	60.8	60.7	61.3	61.7	62.5	63.2	64.0	64.5	65.8
10-14	2.0	2.1	2.1	2.2	2.2	2.2	2.0	1.9	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.8
15-19	54.0	55.3	56.2	56.5	56.5	55.3	54.3	53.2	52.0	50.7	49.6	48.4	47.1	45.4	44.3	43.6
20-24	102.3	100.9	98.6	96.2	93.0	90.8	89.4	90.6	92.5	95.9	96.7	98.3	98.8	98.5	98.4	101.3
25-29	117.9	117.8	116.3	113.9	110.8	106.3	104.8	103.7	104.1	105.9	109.2	112.2	114.7	116.6	116.8	116.3
30-34	75.3	77.7	79.4	80.1	81.0	81.4	82.0	82.8	83.6	85.2	86.6	88.7	91.7	94.7	97.0	100.1
35-39	26.8	27.6	28.5	29.3	29.4	29.9	31.0	32.1	32.9	34.0	34.8	36.0	37.2	38.8	40.4	42.4
40-44	4.1	4.4	4.5	4.8	4.7	5.0	5.1	5.3	5.4	5.9	6.2	6.5	6.8	7.2	7.5	7.5
45-49**	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
<b>Kent</b>																
General	73.7	72.9	72.2	71.2	68.6	67.6	65.8	65.0	64.6	65.6	65.2	65.9	66.5	66.2	66.5	67.5
10-14	1.9	1.8	1.8	1.9	1.7	1.7	1.5	1.5	1.6	1.5	1.2	1.2	1.0	0.9	1.0	0.9
15-19	64.3	64.9	66.9	67.3	66.8	64.3	61.4	58.0	56.7	55.2	54.6	52.4	51.5	48.6	47.7	45.4
20-24	139.8	137.2	134.2	130.7	126.2	128.2	125.5	128.7	130.0	136.2	133.3	133.5	132.4	129.9	125.3	124.7
25-29	122.5	120.1	118.8	118.5	114.2	112.5	111.4	112.2	112.1	115.2	116.5	120.8	120.7	120.3	121.1	121.2
30-34	64.3	66.8	67.9	68.9	69.3	69.8	70.4	70.0	70.5	72.0	72.6	73.2	76.5	78.3	80.9	84.6
35-39	23.2	23.1	23.9	23.3	22.1	22.6	23.1	23.7	25.5	26.6	27.9	29.3	30.4	30.6	32.2	34.6
40-44	4.0	3.8	4.0	5.0	4.3	4.7	4.8	5.0	4.6	4.9	4.8	5.1	5.4	5.7	6.3	6.7
45-49**	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3
<b>New Castle</b>																
General	64.0	64.5	63.9	62.9	61.6	59.8	58.9	58.6	58.6	59.2	59.5	60.4	61.1	61.7	62.1	63.3
10-14	1.9	2.0	2.0	2.1	2.1	2.1	1.8	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.6
15-19	46.2	47.6	48.1	48.2	48.2	47.7	46.1	45.8	44.9	44.2	42.7	42.9	42.1	40.8	39.5	39.3
20-24	84.3	83.0	80.8	78.1	75.2	72.0	70.8	71.1	73.9	76.0	77.0	78.5	79.4	78.5	79.2	83.2
25-29	116.8	117.0	115.0	112.1	109.0	103.7	101.5	99.7	99.7	101.2	104.2	107.1	109.7	111.1	110.2	108.6
30-34	81.5	84.3	86.0	87.0	87.8	88.4	88.8	89.8	90.3	91.8	93.1	95.2	97.3	100.4	102.5	105.4
35-39	29.2	30.1	31.2	32.3	32.4	33.0	34.7	35.9	37.0	38.5	39.3	40.2	41.4	43.0	44.7	46.5
40-44	4.2	4.7	4.8	5.1	5.2	5.3	5.5	5.7	5.9	6.4	6.9	7.2	7.4	8.0	8.1	8.1
45-49**	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
<b>Sussex</b>																
General	72.1	71.7	71.1	69.9	68.9	66.7	66.5	66.2	65.4	65.6	66.9	67.3	68.3	70.4	71.7	73.3
10-14	2.6	2.7	2.6	2.8	3.1	3.0	2.9	2.8	2.3	2.0	1.8	1.7	1.4	1.3	1.1	1.1
15-19	78.0	79.2	80.1	80.7	81.4	79.0	82.7	80.7	77.8	73.9	72.1	64.9	60.8	58.1	57.4	56.6
20-24	154.3	153.3	151.5	150.6	145.3	141.2	138.6	140.4	138.6	144.7	149.8	153.7	153.5	156.0	152.9	149.9
25-29	117.7	119.0	118.9	116.6	115.5	111.7	112.6	112.5	115.3	116.9	123.2	124.9	129.5	135.8	140.6	144.5
30-34	59.2	59.7	62.4	62.5	64.2	64.2	65.9	67.3	69.1	71.0	73.7	77.5	83.2	87.6	90.8	94.9
35-39	20.5	21.6	21.7	22.4	24.1	24.3	23.9	25.0	24.0	23.8	24.7	26.9	27.9	30.7	32.2	34.4
40-44	3.6	3.7	3.5	3.5	3.4	3.8	4.0	4.1	4.2	4.9	4.9	5.4	5.8	6.2	6.3	6.3
45-49**	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5

AGEFERT1

**Notes:**

1. General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
2. Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.
3. \*\*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.
4. 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.
5. \*Indicates U.S. data for 2006 are preliminary.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE C-7  
FIVE-YEAR GENERAL FERTILITY AND AGE-SPECIFIC LIVE BIRTH RATES

U.S., DELAWARE AND COUNTIES, 1987-2006

(WHITE)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>																
General	65.4	66.3	66.7	66.4	65.6	65.0	64.5	64.3	64.4	64.6	64.7	65.0	65.3	65.5	65.7	N/A
10-14	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	N/A
15-19	47.2	49.2	50.8	51.4	51.2	50.2	49.0	47.9	46.7	45.4	44.0	42.7	41.3	39.9	38.7	N/A
20-24	105.5	107.1	108.2	108.0	107.2	106.7	106.3	106.3	106.5	106.5	105.8	104.8	103.4	101.9	100.6	N/A
25-29	116.3	117.9	118.7	118.4	117.1	116.5	115.9	116.4	117.4	117.9	118.1	118.5	118.6	118.2	118.4	N/A
30-34	77.3	79.2	80.7	81.7	82.3	83.5	84.7	86.3	88.3	90.3	92.3	94.0	95.7	96.9	97.8	N/A
35-39	29.2	30.5	31.6	32.4	33.0	33.7	34.5	35.5	36.6	37.7	38.9	40.1	41.5	43.0	44.4	N/A
40-44	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.7	6.9	7.2	7.5	7.7	8.0	8.3	8.5	N/A
45-49**	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	N/A
<b>Delaware</b>																
General	62.6	62.9	62.7	62.2	61.2	60.5	60.1	59.7	59.6	60.0	60.0	60.4	60.7	61.2	62.0	63.5
10-14	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.5
15-19	36.7	37.6	38.5	39.1	39.9	39.5	39.5	38.8	38.4	37.5	36.9	36.2	35.7	34.6	34.4	34.8
20-24	87.8	86.7	84.7	83.3	80.5	80.1	79.5	80.5	81.8	84.5	84.2	85.3	85.5	85.7	86.6	90.4
25-29	119.5	119.6	118.5	116.8	114.8	112.0	111.5	110.8	111.3	112.3	114.4	115.9	116.8	117.0	117.0	116.8
30-34	79.3	81.9	84.2	85.4	86.9	88.5	89.7	91.0	92.6	94.6	95.7	97.8	100.1	102.6	104.0	107.1
35-39	28.2	29.2	30.3	31.3	31.4	32.2	33.4	34.5	35.3	36.2	37.0	38.1	39.0	40.6	42.6	44.4
40-44	4.0	4.3	4.5	4.9	5.0	5.3	5.4	5.6	5.7	6.2	6.5	6.7	7.0	7.3	7.5	7.4
45-49**	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
<b>Kent</b>																
General	70.9	70.7	70.3	70.2	67.9	68.0	66.4	65.9	65.3	66.2	65.5	65.9	66.1	65.2	65.5	66.5
10-14	0.8	0.8	0.9	0.9	0.8	1.1	1.0	0.9	0.9	0.9	0.6	0.5	0.4	0.5	0.4	0.4
15-19	52.8	53.4	54.7	54.8	53.9	53.3	52.3	50.8	50.5	50.4	49.5	45.8	43.9	39.5	37.5	35.1
20-24	138.0	136.7	134.2	131.9	127.3	129.6	125.4	127.9	129.8	137.6	137.6	142.4	142.4	139.7	133.9	129.2
25-29	121.8	121.1	120.7	122.3	119.4	121.1	121.1	122.8	121.7	124.5	124.3	126.3	126.0	125.7	128.6	133.7
30-34	66.2	68.3	69.8	71.7	73.0	74.1	75.1	74.9	75.7	76.9	77.1	78.2	81.4	83.0	86.0	90.5
35-39	24.2	24.3	25.2	25.3	24.1	24.9	24.7	25.2	26.6	27.4	28.4	30.1	31.5	31.5	33.3	35.3
40-44	4.0	3.9	4.0	5.3	4.8	5.4	5.5	5.6	4.8	5.1	5.0	5.1	5.2	5.6	6.1	6.3
45-49**	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.5	0.6	0.4	0.5	0.3
<b>New Castle</b>																
General	60.2	60.7	60.5	60.2	59.3	58.5	58.0	57.5	57.5	57.7	57.8	58.3	58.7	59.0	59.5	60.6
10-14	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
15-19	29.3	30.2	30.9	31.6	32.5	32.6	31.3	30.9	30.4	29.7	29.3	30.5	30.7	30.3	30.3	30.7
20-24	69.6	68.1	66.2	64.7	62.1	60.2	59.9	59.6	60.8	62.1	62.2	62.3	63.3	62.8	64.4	68.4
25-29	119.1	119.0	117.2	114.9	112.9	109.1	107.8	106.0	106.1	106.8	108.7	110.2	111.4	110.3	107.8	104.8
30-34	86.4	89.6	91.9	93.6	95.0	97.3	98.3	99.8	101.5	104.1	104.8	106.7	108.2	110.4	110.9	113.4
35-39	30.8	32.1	33.4	34.8	34.8	35.9	37.7	39.1	40.1	41.5	42.3	43.0	44.0	45.8	48.0	49.8
40-44	4.1	4.6	4.9	5.3	5.5	5.6	5.7	6.0	6.3	6.8	7.3	7.5	7.7	8.1	8.2	8.1
45-49**	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.3	0.4	0.5	0.5	0.4	0.5	0.5	0.5
<b>Sussex</b>																
General	64.8	64.7	64.6	63.0	62.6	61.4	62.4	62.9	62.9	62.7	63.1	63.1	63.1	65.3	67.2	70.5
10-14	1.0	0.9	0.8	0.8	1.0	1.1	1.2	1.2	1.3	1.1	1.0	1.1	0.9	0.6	0.6	0.6
15-19	54.7	55.0	56.2	56.1	57.6	56.0	63.1	62.3	61.4	58.1	55.3	47.9	45.1	44.2	44.4	46.8
20-24	133.6	134.0	131.3	129.5	125.7	126.7	125.9	130.1	130.6	136.0	136.3	140.5	137.4	140.0	137.6	139.6
25-29	118.9	120.5	121.7	119.6	118.3	115.2	117.7	118.8	122.5	122.7	127.6	127.7	128.5	134.6	142.1	149.2
30-34	61.4	62.0	65.3	64.7	67.2	67.4	70.4	72.6	74.8	76.0	79.1	83.1	87.5	92.4	96.4	100.9
35-39	20.6	21.4	22.3	22.6	25.0	25.0	25.0	26.0	25.4	25.2	26.4	28.3	28.8	31.4	33.1	35.4
40-44	3.2	3.5	3.2	3.2	3.4	3.9	4.0	4.0	4.2	4.9	5.0	5.5	6.1	6.3	6.3	6.3
45-49**	0.2	0.4	0.3	0.3	0.1	0.2	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3

**Notes:**

1. General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
2. Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.
3. \*\*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.
4. 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.
5. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE C-8  
FIVE-YEAR GENERAL FERTILITY AND AGE-SPECIFIC LIVE BIRTH RATES

U.S., DELAWARE AND COUNTIES, 1987-2006

(BLACK)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>																
General	85.8	85.5	84.2	82.3	79.4	76.1	73.6	71.7	70.4	70.0	69.8	68.9	68.0	67.5	67.3	N/A
10-14	4.9	4.9	4.8	4.7	4.6	4.3	4.0	3.7	3.3	2.9	2.6	2.3	2.1	1.9	1.7	N/A
15-19	109.5	111.7	112.0	110.5	106.9	101.6	96.8	92.2	87.7	84.0	80.6	76.4	72.0	68.5	65.5	N/A
20-24	156.8	158.5	157.5	155.2	150.4	144.9	141.0	138.9	138.2	139.0	138.9	136.5	133.2	130.6	128.6	N/A
25-29	113.5	113.7	112.5	110.5	107.1	103.4	100.9	99.5	99.1	99.6	100.5	100.5	100.3	100.7	101.8	N/A
30-34	66.8	67.4	67.4	67.3	66.5	65.1	64.5	63.9	63.6	63.9	64.7	64.9	65.2	65.9	66.8	N/A
35-39	27.3	27.8	28.2	28.6	28.8	28.7	28.9	29.2	29.6	30.1	30.8	31.2	31.7	32.4	33.1	N/A
40-44	5.4	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3	6.6	6.8	7.0	7.2	7.5	7.7	N/A
45-49**	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	N/A
<b>Delaware</b>																
General	86.2	85.3	83.0	79.8	76.2	71.3	69.1	68.5	68.2	68.0	68.3	68.0	68.1	67.9	68.0	68.5
10-14	6.1	6.5	6.3	6.7	6.5	6.3	5.6	5.5	4.5	3.9	3.3	2.8	2.3	2.0	1.7	1.5
15-19	121.9	124.4	124.6	123.0	119.4	113.7	108.2	104.0	98.8	94.9	90.1	85.8	80.7	76.4	72.3	69.1
20-24	165.4	162.4	158.6	152.4	146.4	139.0	136.3	138.8	142.6	145.0	145.0	142.7	140.0	135.4	131.9	132.8
25-29	111.1	111.3	108.9	104.0	99.3	91.8	89.2	88.1	90.4	91.9	96.0	99.3	102.3	104.9	106.3	104.3
30-34	55.7	57.4	57.2	56.8	56.5	53.7	54.5	55.6	55.4	54.8	57.2	57.4	60.1	62.7	67.0	70.6
35-39	20.6	20.1	20.3	20.1	20.1	19.7	20.8	21.9	23.6	25.1	25.9	26.9	28.6	29.6	30.4	32.5
40-44	4.4	4.5	4.3	4.2	3.4	3.4	3.7	4.0	4.2	4.6	4.8	5.1	5.2	6.3	6.7	7.0
45-49**	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.5
<b>Kent</b>																
General	85.5	81.7	79.3	75.1	70.9	66.6	64.9	63.8	64.9	65.4	65.6	66.0	67.4	66.9	67.3	67.9
10-14	5.7	5.0	4.7	4.7	4.0	3.4	3.0	3.3	3.5	3.3	2.9	3.0	2.2	2.0	2.4	2.1
15-19	98.1	98.1	102.7	104.1	102.4	92.5	83.5	74.0	70.2	66.4	67.2	69.1	71.9	73.7	74.9	73.3
20-24	146.8	139.8	134.7	129.5	124.8	127.1	130.6	138.4	139.4	141.8	129.6	118.6	115.9	111.7	108.4	115.1
25-29	126.0	116.2	110.3	101.7	93.3	84.0	82.1	81.2	88.4	90.2	96.0	103.9	104.8	101.0	99.5	89.4
30-34	55.9	59.4	58.7	57.2	57.0	55.3	56.3	55.8	56.5	56.6	57.6	55.8	59.1	58.0	59.9	62.2
35-39	19.6	17.9	18.6	15.7	14.5	14.2	16.4	17.4	21.1	23.1	24.5	24.7	24.8	24.6	25.9	29.7
40-44	3.7	3.4	3.5	3.3	1.8	1.2	1.6	2.4	3.5	4.1	4.0	4.8	5.0	5.0	5.9	6.9
45-49**	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.4	0.4
<b>New Castle</b>																
General	82.5	82.5	80.3	76.4	73.0	68.1	66.1	66.1	66.7	66.6	66.9	67.2	66.9	66.7	66.6	67.3
10-14	5.9	6.4	6.2	6.7	6.6	6.5	5.6	5.5	4.4	3.9	3.1	2.6	2.1	1.8	1.3	1.2
15-19	121.1	123.7	122.0	117.8	113.1	108.9	105.4	104.2	100.9	98.5	91.2	86.0	79.3	73.4	67.0	64.3
20-24	157.8	156.7	151.8	142.9	136.9	128.0	123.3	125.8	134.2	136.9	139.6	143.2	141.7	136.0	131.6	132.2
25-29	106.4	108.9	108.0	103.6	98.7	91.2	88.5	87.9	89.4	91.1	94.8	97.9	100.4	104.4	107.0	107.8
30-34	57.4	59.1	58.9	58.2	57.8	54.1	55.3	57.0	56.4	55.2	58.5	59.3	61.4	65.1	70.8	74.7
35-39	21.0	20.3	21.0	20.9	21.5	20.6	22.1	23.2	25.4	27.1	28.3	29.2	31.2	32.1	32.9	34.4
40-44	4.4	4.6	4.3	4.3	3.8	3.9	4.2	4.3	4.3	4.7	5.2	5.3	5.5	6.8	7.2	7.3
45-49**	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.4	0.4
<b>Sussex</b>																
General	103.1	101.9	99.5	100.2	96.9	91.5	88.0	84.9	79.4	77.9	78.3	74.7	74.3	75.6	76.4	75.2
10-14	7.3	8.1	8.3	9.0	9.5	8.9	8.6	7.9	5.6	4.5	4.4	3.7	3.0	3.1	2.6	2.3
15-19	157.2	161.4	161.8	165.9	164.0	158.9	153.5	146.7	134.0	124.6	119.6	108.2	97.7	91.9	91.1	84.9
20-24	225.1	221.1	225.3	231.3	224.6	209.1	206.0	200.2	185.7	186.7	194.1	181.4	176.0	177.1	177.0	167.0
25-29	114.9	115.9	110.9	108.5	109.3	104.6	101.8	98.0	97.8	98.1	102.8	100.5	108.4	114.1	113.8	112.5
30-34	48.2	48.0	48.2	50.6	50.2	49.9	48.8	48.5	49.3	51.0	50.1	49.5	54.7	54.6	54.2	57.6
35-39	19.6	21.5	19.1	21.7	20.1	21.6	19.4	20.9	18.2	18.0	16.3	18.5	19.8	22.2	22.6	25.1
40-44	5.1	5.1	4.9	5.2	3.7	3.8	4.1	4.7	4.2	4.5	4.1	4.5	3.9	5.2	5.5	5.5
45-49**	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.3	0.6	0.5	0.5	1.0	1.2	0.9	1.1	1.1

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**Notes:**

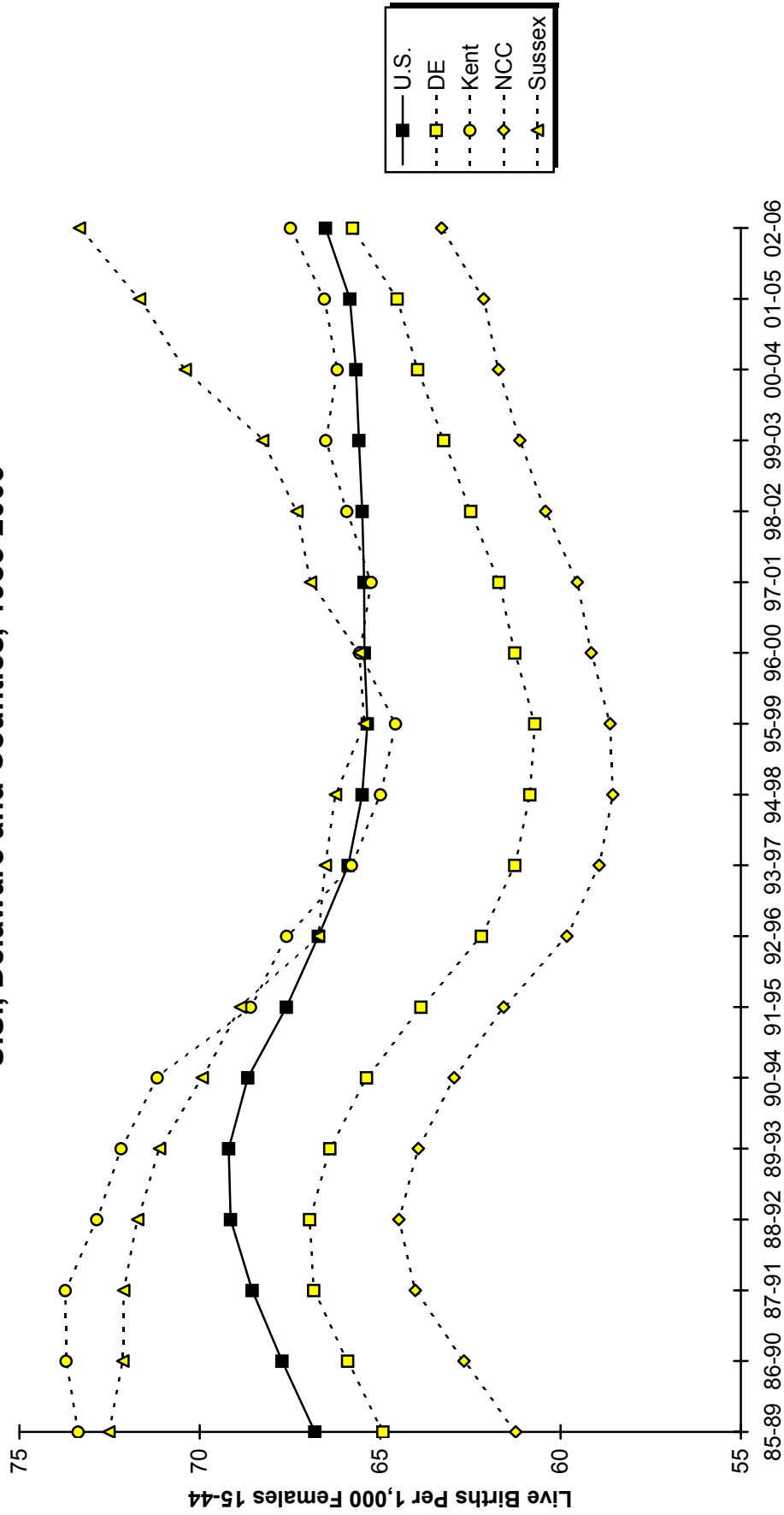
1. General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
2. Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.
3. \*\*The number of births shown is the total for women aged 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.
4. 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.
5. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

**Figure C-6**  
**Five-Year Average General Fertility Rates**

**U.S., Delaware and Counties, 1985-2006**

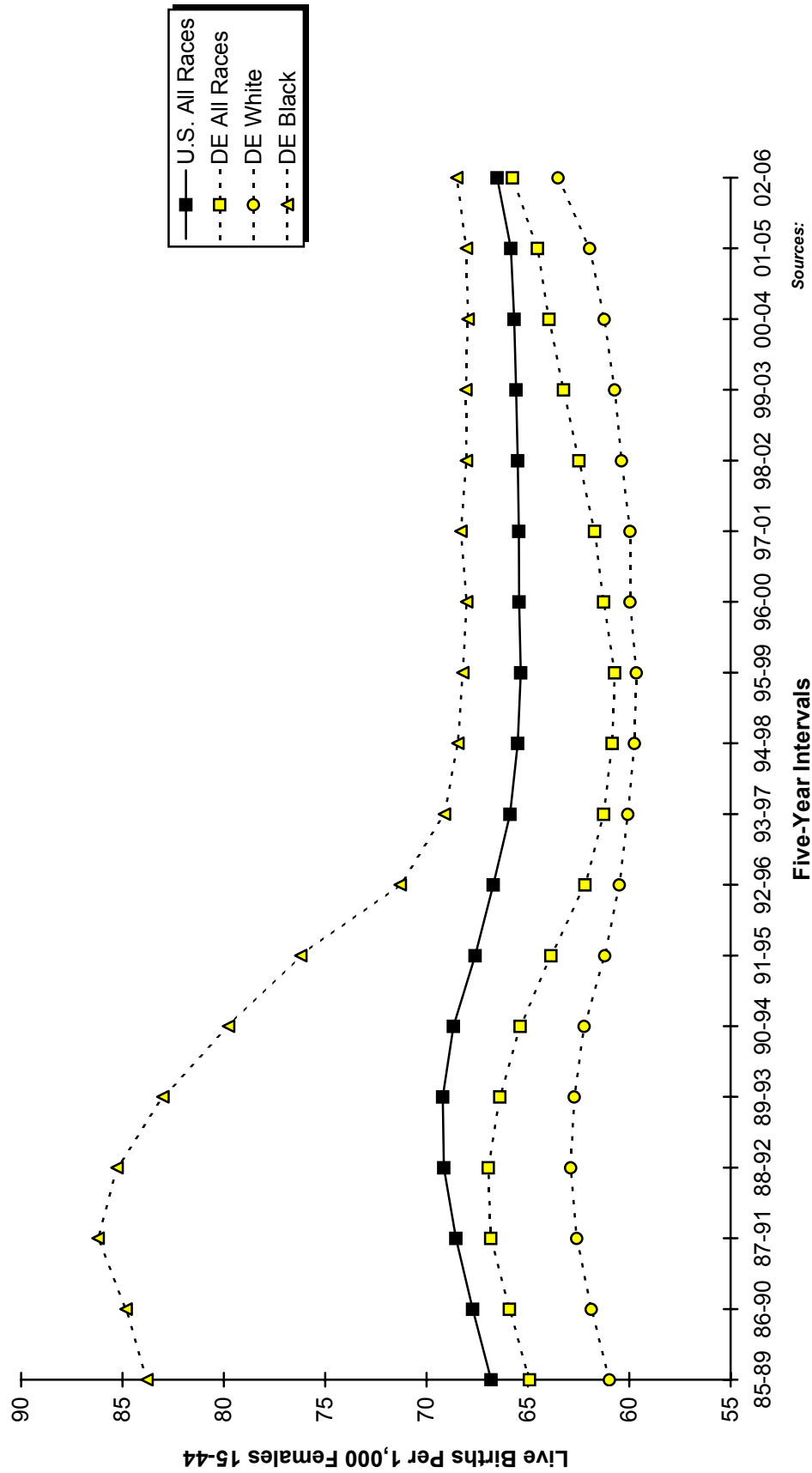


Sources:  
 Delaware Health Statistics Center  
 National Center for Health Statistics



**Figure C-7**  
**Five-Year Average General Fertility Rates by Race**

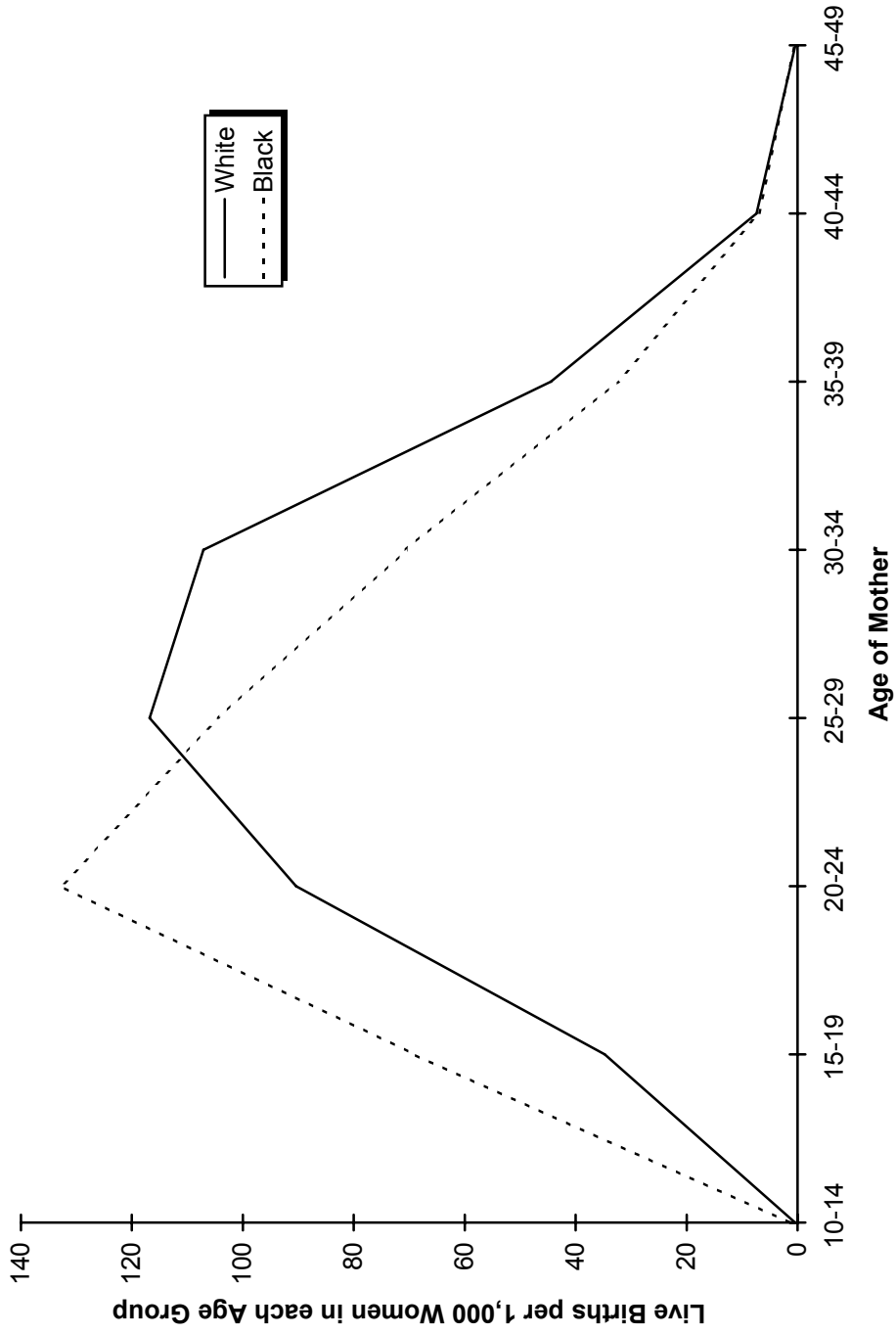
**U.S. and Delaware, 1985-2006**



Sources:  
 Delaware Health Statistics Center  
 National Center for Health Statistics

**Figure C-8**  
**Five-Year Average Age-Specific Live Birth Rates by Race**

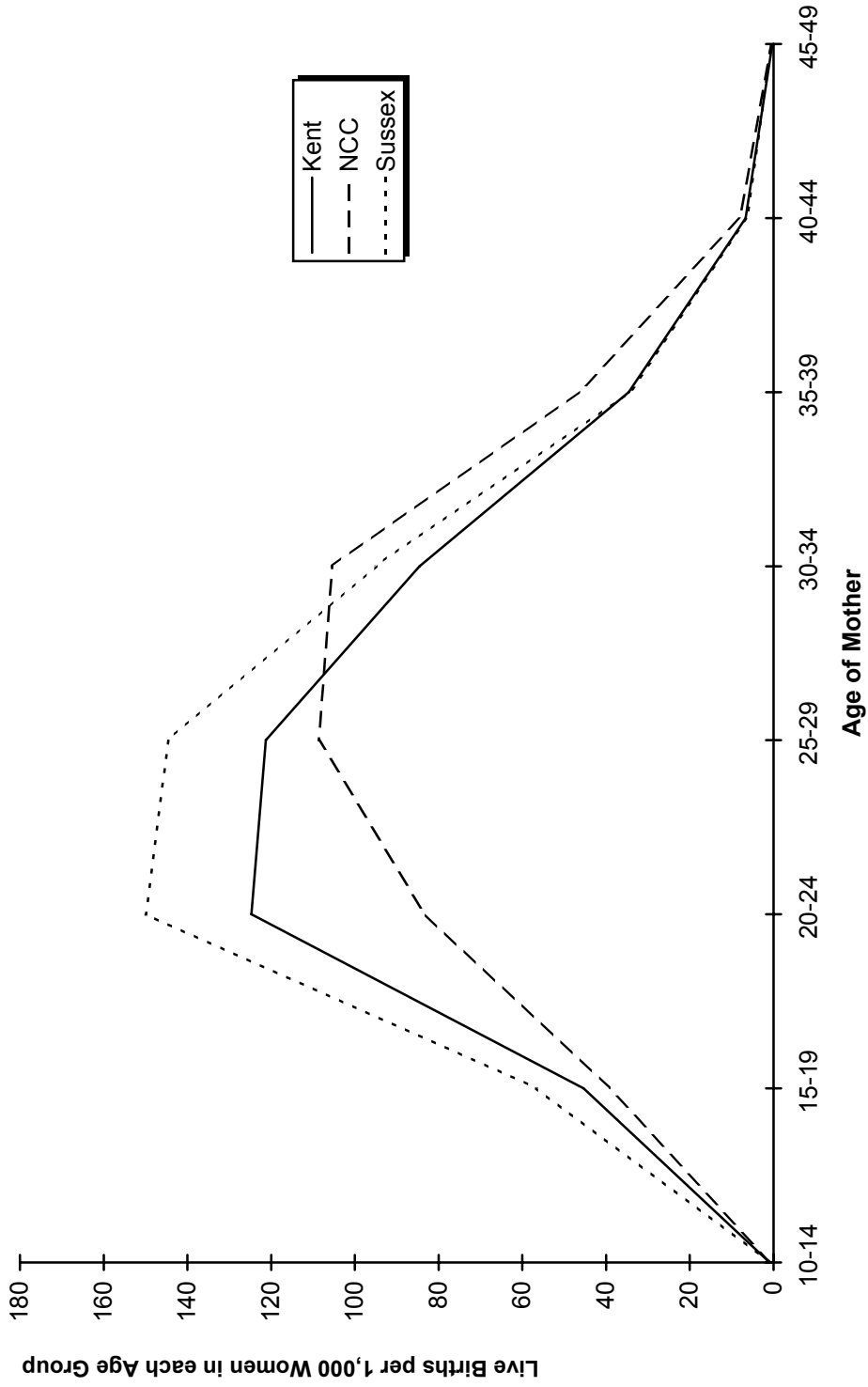
**Delaware, 2002-2006**



Source:  
 Delaware Health Statistics Center

**Figure C-9**  
**Five-Year Average Age-Specific Live Birth Rates**

**Counties, 2002-2006**



Source:  
 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, 2006

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>	11898	8319	3021	41	82	6	3	58	338	24	1920
<15	25	13	12	0	0	0	0	0	0	0	11
15-17	386	207	173	1	0	0	0	0	1	4	86
18-19	870	523	338	3	0	0	0	2	1	2	193
20-24	3057	1965	1015	11	6	0	1	6	44	9	614
25-29	3226	2356	690	12	16	0	2	11	133	6	551
30-34	2698	2046	473	10	29	2	0	22	114	1	310
35-39	1372	1021	260	1	27	2	0	15	42	1	123
40+	264	188	60	3	4	2	0	2	3	1	32
<b>Kent</b>	2233	1574	579	15	8	0	0	18	30	6	169
<15	2	1	1	0	0	0	0	0	0	0	1
15-17	69	31	38	0	0	0	0	0	0	0	8
18-19	175	100	71	2	0	0	0	0	0	1	16
20-24	679	452	211	5	2	0	0	2	5	2	49
25-29	625	472	125	6	2	0	0	5	14	1	49
30-34	430	331	78	2	4	0	0	8	7	0	25
35-39	213	159	46	0	0	0	0	2	3	1	19
40+	40	28	9	0	0	0	0	1	1	1	2
<b>New Castle</b>	7299	4841	2026	15	72	6	2	33	286	15	1183
<15	17	9	8	0	0	0	0	0	0	0	8
15-17	235	121	108	1	0	0	0	0	1	4	61
18-19	464	258	204	1	0	0	0	0	0	1	116
20-24	1652	953	648	4	4	0	0	3	36	4	379
25-29	1953	1346	469	1	13	0	2	6	111	5	331
30-34	1840	1339	355	5	25	2	0	12	100	1	193
35-39	955	690	188	1	26	2	0	11	36	0	73
40+	183	125	46	2	4	2	0	1	2	0	22
<b>Wilmington</b>	1339	496	820	3	3	0	0	2	9	6	266
<15	8	3	5	0	0	0	0	0	0	0	4
15-17	83	17	63	0	0	0	0	0	0	3	17
18-19	152	33	118	1	0	0	0	0	0	0	29
20-24	422	120	298	2	0	0	0	0	1	1	94
25-29	317	141	170	0	0	0	0	2	2	2	69
30-34	202	93	104	0	0	0	0	0	5	0	32
35-39	135	80	51	0	3	0	0	0	1	0	18
40+	20	9	11	0	0	0	0	0	0	0	3
<b>Balance of NC County</b>	5960	4345	1206	12	69	6	2	31	277	9	917
<15	9	6	3	0	0	0	0	0	0	0	4
15-17	152	104	45	1	0	0	0	0	1	1	44
18-19	312	225	86	0	0	0	0	0	0	1	87
20-24	1230	833	350	2	4	0	0	3	35	3	285
25-29	1636	1205	299	1	13	0	2	4	109	3	262
30-34	1638	1246	251	5	25	2	0	12	95	1	161
35-39	820	610	137	1	23	2	0	11	35	0	55
40+	163	116	35	2	4	2	0	1	2	0	19
<b>Sussex</b>	2366	1904	416	11	2	0	1	7	22	3	568
<15	6	3	3	0	0	0	0	0	0	0	2
15-17	82	55	27	0	0	0	0	0	0	0	17
18-19	231	165	63	0	0	0	0	2	1	0	61
20-24	726	560	156	2	0	0	1	1	3	3	186
25-29	648	538	96	5	1	0	0	0	8	0	171
30-34	428	376	40	3	0	0	0	2	7	0	92
35-39	204	172	26	0	1	0	0	2	3	0	31
40+	41	35	5	1	0	0	0	0	0	0	8

Notes:

- \*Includes any births that may have occurred to Aleut and Eskimo mothers.
- \*\*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source:

Delaware Health Statistics Center

DETRACE

TABLE C-10  
NUMBER OF LIVE BIRTHS TO MARRIED MOTHERS BY AGE OF MOTHER AND AGE OF FATHER

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

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>	6507	0	3	30	558	1524	2066	1435	759	132
<15	0	0	0	0	0	0	0	0	0	0
15-17	16	0	1	4	9	1	0	0	0	1
18-19	91	0	1	18	56	7	2	0	1	6
20-24	904	0	1	6	383	334	107	25	15	33
25-29	2012	0	0	2	92	956	656	201	61	44
30-34	2124	0	0	0	15	200	1116	580	186	27
35-39	1147	0	0	0	3	23	176	576	351	18
40+	213	0	0	0	0	3	9	53	145	3
<b>Kent</b>	1298	0	0	7	212	366	367	222	102	22
<15	0	0	0	0	0	0	0	0	0	0
15-17	3	0	0	1	1	0	0	0	0	1
18-19	28	0	0	4	20	2	0	0	0	2
20-24	267	0	0	2	146	86	24	5	0	4
25-29	438	0	0	0	39	223	121	35	11	9
30-34	352	0	0	0	6	49	184	83	26	4
35-39	180	0	0	0	0	5	36	90	47	2
40+	30	0	0	0	0	1	2	9	18	0
<b>New Castle</b>	4149	0	1	13	223	885	1380	1010	546	91
<15	0	0	0	0	0	0	0	0	0	0
15-17	9	0	1	1	6	1	0	0	0	0
18-19	35	0	0	10	18	2	1	0	1	3
20-24	437	0	0	2	162	169	58	12	12	22
25-29	1225	0	0	0	31	580	420	126	37	31
30-34	1478	0	0	0	5	117	780	421	136	19
35-39	815	0	0	0	1	14	116	417	254	13
40+	150	0	0	0	0	2	5	34	106	3
<b>Wilmington</b>	391	0	0	2	20	85	124	96	57	7
<15	0	0	0	0	0	0	0	0	0	0
15-17	2	0	0	0	2	0	0	0	0	0
18-19	4	0	0	1	2	0	1	0	0	0
20-24	44	0	0	1	14	13	11	4	0	1
25-29	117	0	0	0	2	60	34	11	7	3
30-34	107	0	0	0	0	8	56	30	12	1
35-39	105	0	0	0	0	3	22	50	28	2
40+	12	0	0	0	0	1	0	1	10	0
<b>Balance of NC County</b>	3758	0	1	11	203	800	1256	914	489	84
<15	0	0	0	0	0	0	0	0	0	0
15-17	7	0	1	1	4	1	0	0	0	0
18-19	31	0	0	9	16	2	0	0	1	3
20-24	393	0	0	1	148	156	47	8	12	21
25-29	1108	0	0	0	29	520	386	115	30	28
30-34	1371	0	0	0	5	109	724	391	124	18
35-39	710	0	0	0	1	11	94	367	226	11
40+	138	0	0	0	0	1	5	33	96	3
<b>Sussex</b>	1060	0	2	10	123	273	319	203	111	19
<15	0	0	0	0	0	0	0	0	0	0
15-17	4	0	0	2	2	0	0	0	0	0
18-19	28	0	1	4	18	3	1	0	0	1
20-24	200	0	1	2	75	79	25	8	3	7
25-29	349	0	2	2	22	153	115	40	13	4
30-34	294	0	0	0	4	34	152	76	24	4
35-39	152	0	0	0	2	4	24	69	50	3
40+	33	0	0	0	0	0	2	10	21	0

NLBAMAF

**Note:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-11  
NUMBER OF LIVE BIRTHS BY EDUCATION AND AGE OF MOTHER  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Education	Age								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
<b>Delaware</b>	11898	25	386	870	3057	3226	2698	1372	264
<9	909	21	62	77	279	257	132	66	15
9 to 11	1922	4	280	372	670	366	147	72	11
H.S. Graduate	3037	0	40	334	1139	784	483	209	48
1 to 3 College	2745	0	1	82	794	841	647	316	64
4+ College	3231	0	0	0	163	965	1278	700	125
Unknown	54	0	3	5	12	13	11	9	1
<b>Kent</b>	2233	2	69	175	679	625	430	213	40
<9	136	1	7	11	35	41	24	16	1
9 to 11	358	1	55	72	129	67	20	13	1
H.S. Graduate	551	0	7	64	235	126	74	37	8
1 to 3 College	728	0	0	28	249	226	146	66	13
4+ College	454	0	0	0	30	164	163	80	17
Unknown	6	0	0	0	1	1	3	1	0
<b>New Castle</b>	7299	17	235	464	1652	1953	1840	955	183
<9	365	17	41	22	102	94	52	29	8
9 to 11	1117	0	170	219	387	201	91	41	8
H.S. Graduate	1843	0	21	181	642	509	329	126	35
1 to 3 College	1572	0	1	38	410	474	404	206	39
4+ College	2370	0	0	0	107	665	958	548	92
Unknown	32	0	2	4	4	10	6	5	1
Wilmington	1339	8	83	152	422	317	202	135	20
<9	100	8	15	4	28	20	14	10	1
9 to 11	371	0	60	73	137	66	23	9	3
H.S. Graduate	376	0	6	58	158	86	45	20	3
1 to 3 College	250	0	0	14	87	71	41	31	6
4+ College	230	0	0	0	10	72	77	64	7
Unknown	12	0	2	3	2	2	2	1	0
Balance of NC County	5960	9	152	312	1230	1636	1638	820	163
<9	265	9	26	18	74	74	38	19	7
9 to 11	746	0	110	146	250	135	68	32	5
H.S. Graduate	1467	0	15	123	484	423	284	106	32
1 to 3 College	1322	0	1	24	323	403	363	175	33
4+ College	2140	0	0	0	97	593	881	484	85
Unknown	20	0	0	1	2	8	4	4	1
<b>Sussex</b>	2366	6	82	231	726	648	428	204	41
<9	408	3	14	44	142	122	56	21	6
9 to 11	447	3	55	81	154	98	36	18	2
H.S. Graduate	643	0	12	89	262	149	80	46	5
1 to 3 College	445	0	0	16	135	141	97	44	12
4+ College	407	0	0	0	26	136	157	72	16
Unknown	16	0	1	1	7	2	2	3	0

**Source:**  
Delaware Health Statistics Center

LBEDAGE1

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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Education	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	<b>11898</b>	<b>100.0</b>	<b>8319</b>	<b>100.0</b>	<b>3021</b>	<b>100.0</b>	<b>552</b>	<b>100.0</b>	<b>1920</b>	<b>100.0</b>
<9	909	7.6	831	10.0	66	2.2	12	2.2	673	35.1
9 to 11	1922	16.2	1198	14.4	690	22.8	34	6.2	550	28.6
H.S. Grad.	3037	25.5	1947	23.4	1006	33.3	81	14.7	370	19.3
1 to 3 College	2745	23.1	1844	22.2	812	26.9	86	15.6	205	10.7
4+ College	3231	27.2	2464	29.6	431	14.3	336	60.9	103	5.4
Unknown	54	0.5	35	0.4	16	0.5	3	0.5	19	1.0
<b>Kent</b>	<b>2233</b>	<b>100.0</b>	<b>1574</b>	<b>100.0</b>	<b>579</b>	<b>100.0</b>	<b>77</b>	<b>100.0</b>	<b>169</b>	<b>100.0</b>
<9	136	6.1	126	8.0	8	1.4	2	2.6	33	19.5
9 to 11	358	16.0	212	13.5	137	23.7	9	11.7	37	21.9
H.S. Grad.	551	24.7	371	23.6	159	27.5	19	24.7	35	20.7
1 to 3 College	728	32.6	513	32.6	192	33.2	22	28.6	43	25.4
4+ College	454	20.3	347	22.0	82	14.2	25	32.5	18	10.7
Unknown	6	0.3	5	0.3	1	0.2	0	0.0	3	1.8
<b>New Castle</b>	<b>7299</b>	<b>100.0</b>	<b>4841</b>	<b>100.0</b>	<b>2026</b>	<b>100.0</b>	<b>429</b>	<b>100.0</b>	<b>1183</b>	<b>100.0</b>
<9	365	5.0	316	6.5	43	2.1	6	1.4	286	24.2
9 to 11	1117	15.3	675	13.9	420	20.7	22	5.1	413	34.9
H.S. Grad.	1843	25.3	1115	23.0	674	33.3	53	12.4	262	22.1
1 to 3 College	1572	21.5	976	20.2	545	26.9	49	11.4	140	11.8
4+ College	2370	32.5	1741	36.0	331	16.3	298	69.5	74	6.3
Unknown	32	0.4	18	0.4	13	0.6	1	0.2	8	0.7
Wilmington	1339	100.0	496	100.0	820	100.0	23	100.0	266	100.0
<9	100	7.5	73	14.7	27	3.3	0	0.0	73	27.4
9 to 11	371	27.7	111	22.4	255	31.1	5	21.7	101	38.0
H.S. Grad.	376	28.1	82	16.5	291	35.5	3	13.0	62	23.3
1 to 3 College	250	18.7	58	11.7	186	22.7	6	26.1	25	9.4
4+ College	230	17.2	168	33.9	53	6.5	9	39.1	3	1.1
Unknown	12	0.9	4	0.8	8	1.0	0	0.0	2	0.8
Balance of NC County	5960	100.0	4345	100.0	1206	100.0	406	100.0	917	100.0
<9	265	4.4	243	5.6	16	1.3	6	1.5	213	23.2
9 to 11	746	12.5	564	13.0	165	13.7	17	4.2	312	34.0
H.S. Grad.	1467	24.6	1033	23.8	383	31.8	50	12.3	200	21.8
1 to 3 College	1322	22.2	918	21.1	359	29.8	43	10.6	115	12.5
4+ College	2140	35.9	1573	36.2	278	23.1	289	71.2	71	7.7
Unknown	20	0.3	14	0.3	5	0.4	1	0.2	6	0.7
<b>Sussex</b>	<b>2366</b>	<b>100.0</b>	<b>1904</b>	<b>100.0</b>	<b>416</b>	<b>100.0</b>	<b>46</b>	<b>100.0</b>	<b>568</b>	<b>100.0</b>
<9	408	17.2	389	20.4	15	3.6	4	8.7	354	62.3
9 to 11	447	18.9	311	16.3	133	32.0	3	6.5	100	17.6
H.S. Grad.	643	27.2	461	24.2	173	41.6	9	19.6	73	12.9
1 to 3 College	445	18.8	355	18.6	75	18.0	15	32.6	22	3.9
4+ College	407	17.2	376	19.7	18	4.3	13	28.3	11	1.9
Unknown	16	0.7	12	0.6	2	0.5	2	4.3	8	1.4

Notes:

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

Source:

Delaware Health Statistics Center

NPLBEDRC

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, 1987-2006

(ALL RACES)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	27.0	28.1	29.1	30.2	31.1	31.6	32.1	32.5	32.6	32.8	33.0	33.3	33.7	34.2	35.0	36.0*
<20	66.9	68.1	69.3	71.0	72.6	74.0	75.6	77.0	77.6	78.3	78.9	79.3	79.8	80.5	81.4	82.5*
20-24	33.0	35.3	37.5	39.4	40.6	40.9	41.1	40.9	41.2	41.5	43.5	45.3	46.3	47.7	48.9	49.2*
25-29	17.0	18.0	18.9	19.8	20.6	21.1	21.6	21.9	22.2	22.6	23.0	23.7	24.5	25.5	26.7	28.0*
30+	13.0	13.6	14.2	14.7	15.0	15.2	15.1	14.9	14.7	14.5	14.4	14.4	14.6	15.0	15.5	16.1*
<b>Delaware</b>	28.9	29.9	31.3	32.3	33.5	34.3	35.0	35.7	36.5	37.1	38.0	38.9	39.8	40.5	41.8	42.9
<20	76.7	79.4	81.8	84.6	86.7	88.3	89.1	89.3	89.3	89.5	89.6	89.6	90.0	90.1	90.8	91.3
20-24	39.5	41.9	44.9	47.5	50.6	52.5	54.2	56.0	58.2	59.2	61.4	63.1	64.7	65.8	67.3	68.3
25-29	16.8	17.6	18.8	19.5	20.2	20.8	21.7	22.3	23.3	24.4	25.4	26.8	28.5	30.2	32.5	34.4
30+	11.4	11.9	12.4	12.8	13.1	13.2	13.5	13.8	13.9	14.0	14.4	14.8	15.2	15.8	16.9	17.7
<b>Kent</b>	28.4	29.6	31.3	32.2	33.5	34.5	35.3	35.9	37.3	38.0	38.8	39.2	40.0	40.6	41.5	41.7
<20	67.7	71.0	75.1	78.1	80.0	81.6	82.0	81.1	81.6	82.6	83.8	84.1	84.0	84.8	85.8	86.1
20-24	31.7	33.4	35.7	37.3	39.2	41.8	43.9	46.1	48.5	49.7	50.2	50.7	52.3	53.5	55.1	57.1
25-29	16.7	17.4	18.5	19.3	20.2	20.7	21.1	21.7	23.1	23.8	24.8	26.4	28.1	29.2	30.0	30.5
30+	14.0	15.0	15.8	15.6	16.2	16.0	16.3	16.2	16.7	16.3	16.7	16.4	16.3	16.2	17.4	17.4
<b>New Castle</b>	27.6	28.7	29.8	30.7	31.8	32.3	32.7	33.4	34.2	34.8	35.6	36.7	37.6	38.1	39.2	40.4
<20	81.4	84.1	86.4	88.9	90.6	91.7	92.5	92.6	92.5	92.5	92.4	92.0	92.3	92.0	92.4	92.9
20-24	41.8	44.7	47.8	50.8	54.5	57.0	58.3	60.2	62.6	63.9	66.4	68.3	70.1	70.8	71.8	72.2
25-29	16.1	17.0	18.2	18.7	19.5	19.9	20.7	21.4	22.2	23.2	24.0	25.3	26.9	28.8	31.3	33.5
30+	10.3	10.8	11.3	11.5	11.8	11.7	12.1	12.3	12.5	12.6	13.1	13.4	13.7	14.3	15.2	16.0
<b>Wilmington</b>	61.0	62.6	63.7	64.7	65.5	66.0	66.6	66.9	67.5	67.7	68.1	68.5	69.0	68.9	69.7	69.9
<20	91.4	92.9	93.6	95.3	96.2	96.7	96.9	97.1	96.8	96.6	96.5	96.2	96.0	95.8	96.0	96.4
20-24	71.5	74.1	75.8	78.2	80.8	81.6	81.9	82.9	82.5	82.3	83.5	84.3	85.1	85.3	86.1	86.6
25-29	45.9	46.4	47.9	48.5	48.4	48.3	51.3	52.0	53.2	53.9	55.0	55.9	57.7	58.5	61.9	62.8
30+	30.9	33.5	34.7	35.0	35.0	34.4	34.4	34.6	34.9	35.0	36.3	36.0	35.9	36.2	37.9	37.7
<b>Balance of NC County</b>	19.1	20.1	21.3	22.4	23.8	24.6	25.2	26.1	27.1	27.8	28.7	29.9	30.9	31.7	32.9	34.2
<20	74.1	77.7	81.1	84.2	86.7	88.3	89.5	89.7	89.8	89.9	90.1	89.7	90.2	90.0	90.4	91.1
20-24	31.2	34.2	37.8	41.1	45.4	48.6	50.7	52.8	55.8	57.6	60.5	62.7	65.0	65.9	67.2	67.5
25-29	10.5	11.5	12.7	13.3	14.5	15.2	15.8	16.6	17.4	18.2	18.9	20.3	21.8	24.0	26.4	28.6
30+	7.0	7.3	7.8	8.1	8.4	8.6	9.1	9.4	9.6	9.9	10.3	10.6	11.0	11.7	12.4	13.2
<b>Sussex</b>	34.9	35.5	37.2	39.2	40.5	41.7	43.2	43.8	44.1	44.7	45.7	46.6	47.6	48.8	51.0	52.4
<20	72.8	74.5	76.0	79.5	82.6	85.5	86.7	87.8	87.9	88.1	87.9	88.1	89.3	90.1	91.6	91.9
20-24	42.0	43.7	47.0	49.6	52.4	52.9	54.7	56.0	57.3	57.7	60.4	62.7	64.1	66.4	68.9	70.3
25-29	20.2	20.4	22.2	23.2	23.3	24.7	26.6	26.5	27.9	29.8	31.2	32.7	35.1	36.2	38.8	41.3
30+	15.1	15.2	15.8	17.1	17.2	18.6	18.8	19.3	18.8	19.0	18.9	20.3	21.2	22.8	24.6	26.1

SGLUSDE1

**Note:**

\*Indicates U.S. data for 2006 are preliminary.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center



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, 1987-2006

(WHITE)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	19.2	20.4	21.5	22.7	23.7	24.5	25.2	25.7	26.0	26.4	26.8	27.3	27.9	28.6	29.6	N/A
<20	55.5	57.3	59.0	61.4	63.7	65.7	67.8	69.7	70.7	71.8	72.6	73.3	74.1	75.1	76.3	N/A
20-24	23.9	26.1	28.4	30.2	31.5	32.2	32.9	33.0	33.5	34.0	35.7	37.5	38.8	40.6	42.2	N/A
25-29	11.6	12.5	13.4	14.4	15.1	15.8	16.4	16.8	17.1	17.6	18.1	18.8	19.7	20.8	22.0	N/A
30+	9.1	9.7	10.2	10.7	11.0	11.3	11.3	11.3	11.2	11.1	11.1	11.3	11.6	12.1	12.6	N/A
<b>Delaware</b>	16.3	17.3	18.6	20.0	21.5	22.7	23.7	24.4	25.4	26.2	27.2	28.5	30.0	31.1	32.9	34.6
<20	61.2	65.2	69.3	73.8	77.3	80.2	81.5	81.7	81.9	82.5	83.1	83.3	84.3	84.8	86.1	87.2
20-24	23.9	26.4	29.3	32.2	35.9	38.9	41.4	43.5	46.1	47.6	49.8	52.1	54.8	56.7	59.0	60.7
25-29	8.7	9.5	10.5	11.3	12.2	13.1	14.1	14.7	15.5	16.6	17.7	19.0	20.8	22.6	25.1	27.4
30+	6.3	6.7	7.1	7.7	8.1	8.4	8.8	9.1	9.2	9.4	9.7	10.4	10.8	11.5	12.5	13.5
<b>Kent</b>	17.7	19.5	21.0	22.3	23.5	24.7	25.3	25.6	26.8	27.6	28.6	29.0	30.1	30.9	31.9	32.5
<20	50.9	56.1	61.6	66.2	68.3	71.8	72.1	70.8	71.4	73.4	75.5	76.0	76.7	78.1	79.8	81.1
20-24	20.3	22.3	24.1	25.8	27.6	30.1	32.4	34.0	36.2	37.2	37.6	38.3	40.6	42.7	44.9	47.2
25-29	10.1	11.3	12.3	13.4	14.4	14.7	15.1	15.2	15.6	16.4	17.6	18.5	20.1	21.4	21.9	22.7
30+	8.8	10.2	10.8	11.2	11.8	12.0	11.7	11.9	12.6	11.9	12.2	12.2	12.1	11.8	13.0	13.0
<b>New Castle</b>	15.1	16.1	17.2	18.4	19.8	20.7	21.3	21.9	22.7	23.4	24.5	26.0	27.6	28.5	30.0	31.5
<20	68.2	72.3	76.5	80.6	83.5	85.2	86.5	86.6	86.6	86.6	86.8	86.5	87.1	86.6	87.5	88.4
20-24	25.2	28.0	31.5	34.9	39.4	42.9	45.4	47.5	50.4	52.3	55.4	58.0	61.0	62.3	63.9	64.7
25-29	8.0	8.7	9.4	10.0	11.1	12.0	12.7	13.5	14.1	15.1	15.8	17.3	19.2	21.2	23.8	26.3
30+	5.5	5.7	6.1	6.6	6.8	6.9	7.3	7.5	7.6	7.9	8.3	8.8	9.3	9.9	10.6	11.4
<b>Wilmington</b>	30.1	32.0	33.1	35.0	35.8	36.8	37.5	37.6	37.6	38.5	39.6	40.9	42.7	43.6	45.5	46.3
<20	75.0	78.2	80.9	85.8	87.3	87.4	88.5	88.8	87.1	86.4	87.5	86.1	85.4	85.9	87.4	88.0
20-24	45.6	51.2	53.2	56.3	59.9	60.8	60.8	62.2	62.0	61.3	64.4	66.7	69.5	70.4	72.1	72.7
25-29	17.5	17.5	18.0	20.9	21.1	21.9	26.1	27.4	27.3	28.4	30.5	31.7	35.8	37.3	42.3	44.0
30+	11.4	12.6	12.8	13.1	13.4	14.5	14.6	15.4	16.2	16.6	16.8	17.4	17.2	17.5	18.8	18.7
<b>Balance of NC County</b>	13.5	14.4	15.5	16.6	18.2	19.1	19.8	20.5	21.3	22.0	23.0	24.5	26.0	26.9	28.4	30.0
<20	66.7	71.1	75.5	79.5	82.7	84.8	86.2	86.2	86.6	86.6	86.7	86.5	87.4	86.7	87.5	88.5
20-24	22.8	25.2	28.8	32.2	36.8	40.8	43.6	45.8	49.0	51.2	54.2	56.8	59.8	61.2	62.9	63.6
25-29	7.1	7.9	8.7	9.0	10.3	11.2	11.7	12.5	13.1	13.9	14.5	16.0	17.7	19.6	22.0	24.5
30+	4.9	5.1	5.5	6.0	6.2	6.3	6.7	6.8	6.8	7.1	7.6	8.1	8.6	9.3	9.9	10.8
<b>Sussex</b>	19.7	20.4	22.2	24.4	26.4	28.7	31.3	32.5	33.6	34.7	35.4	36.7	37.9	39.7	42.7	45.5
<20	54.4	56.6	59.2	64.4	70.5	75.5	78.4	80.1	80.7	81.7	81.9	82.5	84.9	86.4	88.4	89.3
20-24	24.4	26.6	29.4	32.7	36.4	39.3	41.9	44.7	47.1	48.2	50.1	54.0	56.1	59.3	62.6	65.4
25-29	10.8	11.2	13.1	14.4	14.4	16.0	18.4	18.8	20.7	22.7	24.3	25.5	26.9	28.4	31.9	35.0
30+	9.0	8.7	9.5	10.7	11.8	13.4	14.1	14.7	14.7	15.0	14.9	16.1	16.8	18.2	20.4	22.3

SGLUSD2Z

**Notes:**

1. 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.
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
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, 1987-2006

(BLACK)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	65.2	66.4	67.4	68.3	69.0	69.7	70.0	70.1	69.8	69.5	68.8	68.6	68.5	68.4	68.6	N/A
<20	91.9	92.3	92.6	93.2	93.8	94.8	95.5	96.0	96.1	96.2	95.7	95.7	95.8	95.9	96.0	N/A
20-24	72.5	75.4	78.1	81.2	84.7	86.2	81.5	79.4	79.9	79.8	84.1	87.8	88.3	87.2	85.7	N/A
25-29	51.4	52.8	54.1	55.1	55.9	56.7	57.2	57.4	57.3	57.4	57.0	57.4	57.9	58.7	59.7	N/A
30+	42.4	43.8	45.0	45.7	46.1	46.3	45.8	45.2	44.3	43.5	42.5	42.1	41.7	41.6	41.8	N/A
<b>Delaware</b>	69.7	70.6	72.1	72.6	73.0	73.2	72.9	72.7	72.4	72.2	72.0	71.8	71.1	70.7	70.7	70.6
<20	94.0	94.9	95.7	96.7	97.4	97.7	97.9	97.9	97.9	97.8	97.7	97.6	97.6	97.4	97.3	97.2
20-24	74.4	76.0	78.4	80.2	81.9	82.5	82.6	83.1	83.5	83.5	84.8	85.4	85.1	84.9	85.3	85.3
25-29	54.8	55.1	56.8	56.8	55.9	55.7	56.3	56.3	56.7	57.5	57.4	58.1	59.1	60.1	61.4	62.8
30+	43.9	45.7	47.4	46.4	46.1	45.5	44.8	43.7	42.9	41.7	41.3	40.0	39.1	39.5	40.1	40.0
<b>Kent</b>	61.9	62.4	64.7	65.9	67.1	68.5	69.0	69.7	70.1	70.5	70.1	70.3	69.6	69.2	68.6	68.2
<20	92.6	94.0	95.7	96.8	97.7	97.1	96.9	95.9	96.0	96.4	96.2	96.0	95.4	94.7	94.0	93.2
20-24	63.4	64.8	68.1	69.9	71.6	74.8	76.5	78.2	79.6	80.1	80.5	80.7	79.7	78.7	78.9	79.3
25-29	43.3	43.2	44.9	46.1	46.7	49.4	49.3	52.8	55.3	56.3	54.7	57.4	57.3	56.9	56.7	57.4
30+	41.0	40.5	42.0	40.4	41.0	39.2	40.8	39.3	38.1	37.7	37.7	36.2	35.9	36.4	36.7	36.6
<b>New Castle</b>	70.6	71.5	72.5	72.8	72.9	73.0	72.3	71.9	71.8	71.6	71.1	70.8	70.2	69.6	69.4	69.6
<20	94.8	95.7	96.4	97.3	98.0	98.4	98.6	98.6	98.5	98.4	98.3	98.2	98.4	98.3	98.2	98.4
20-24	76.8	78.4	80.2	82.4	84.1	84.7	84.1	84.8	84.9	85.2	86.4	87.2	87.3	87.1	87.5	87.5
25-29	57.0	57.1	58.6	58.2	56.9	55.9	56.4	55.7	55.9	56.7	56.9	57.2	58.1	59.8	61.9	63.5
30+	43.7	46.1	47.8	46.7	46.6	46.2	45.2	44.0	43.6	42.4	41.8	40.0	38.9	38.6	39.2	39.2
<b>Wilmington</b>	78.9	79.7	81.1	82.1	83.0	83.7	84.2	84.0	84.5	84.6	84.8	85.0	85.3	84.9	85.4	85.3
<20	96.0	96.6	97.1	97.8	98.5	99.2	99.0	99.0	99.0	99.0	98.7	98.9	99.0	98.9	98.9	99.2
20-24	82.1	83.3	85.2	87.5	89.7	90.3	90.6	91.3	90.5	90.6	91.3	91.5	91.6	91.8	92.0	92.4
25-29	67.0	67.3	69.2	69.6	69.3	69.3	71.5	70.9	72.8	73.2	74.0	74.7	75.2	75.2	77.2	77.6
30+	56.5	58.9	61.3	61.6	61.5	60.6	61.0	59.8	60.1	59.7	61.3	60.9	61.7	61.5	64.0	62.8
<b>Balance of NC County</b>	59.6	60.9	61.9	61.9	61.7	61.8	60.6	60.7	60.7	60.7	60.3	59.9	59.2	59.0	59.0	59.5
<20	92.6	93.9	95.1	96.2	97.1	97.1	97.8	97.9	97.7	97.6	97.7	97.3	97.4	97.6	97.4	97.4
20-24	69.4	72.1	73.9	76.3	77.7	78.3	77.3	78.3	79.3	79.7	81.7	83.1	83.3	83.0	83.5	83.2
25-29	45.4	45.8	47.7	47.6	46.6	45.5	45.7	45.4	45.3	46.2	46.6	47.0	48.5	51.7	54.2	56.2
30+	32.6	34.8	35.9	33.9	34.4	35.8	34.9	34.4	35.0	34.0	32.7	31.1	30.1	30.1	30.4	30.8
<b>Sussex</b>	74.9	75.5	77.8	78.2	78.4	77.9	78.5	78.1	77.3	76.4	77.6	77.5	76.9	77.7	78.6	78.2
<20	92.6	93.1	93.7	95.1	95.6	96.1	96.8	97.4	97.6	97.2	97.0	97.0	97.1	97.1	97.9	97.7
20-24	77.5	78.9	82.1	82.9	84.6	83.5	83.9	82.8	82.8	81.7	84.0	83.9	83.3	84.2	85.0	85.0
25-29	60.6	60.4	63.2	62.6	61.2	61.4	63.3	62.3	62.1	63.3	63.0	63.8	66.3	65.6	65.5	67.1
30+	48.4	50.0	51.8	51.5	49.4	49.1	47.3	47.7	44.5	42.3	43.2	44.5	45.0	49.7	51.8	51.1

SGLUSD3

**Notes:**

1. 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.
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
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, 1989-2006

(HISPANIC ORIGIN\*)

Area/ Age	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	38.1	39.6	40.3	40.8	41.1	41.4	41.3	41.6	42.0	42.5	43.2	44.1	45.2	N/A
<20	61.6	63.6	65.2	66.5	68.3	70.3	71.0	72.0	72.9	73.3	73.9	74.9	76.2	N/A
20-24	40.7	43.3	44.3	44.5	45.4	45.5	45.2	44.9	45.7	47.5	49.0	50.5	51.7	N/A
25-29	29.8	31.0	31.4	31.6	31.5	31.4	31.2	31.6	32.1	33.1	34.3	35.7	37.2	N/A
30+	26.8	27.7	27.8	27.7	27.1	26.4	25.6	25.5	25.4	25.8	26.3	27.1	28.0	N/A
<b>Delaware</b>	45.2	46.8	49.1	50.9	51.4	50.9	51.1	50.8	51.6	52.9	55.0	56.3	58.5	59.6
<20	70.9	73.0	75.9	76.9	79.6	81.0	80.9	80.3	80.2	80.2	80.7	81.1	83.5	85.1
20-24	49.9	51.3	54.7	56.5	56.7	56.3	57.1	57.6	59.4	61.6	64.5	66.2	67.3	68.1
25-29	29.2	31.4	31.3	34.3	34.8	35.8	37.2	38.9	40.2	41.8	44.5	46.9	50.6	52.4
30+	24.7	24.5	26.7	30.9	34.0	32.2	32.6	32.2	31.7	33.1	35.0	36.4	38.2	39.7
<b>Kent</b>	35.7	37.3	39.1	45.2	45.5	46.3	46.7	44.9	42.2	41.3	41.1	44.5	47.8	47.9
<20	78.7	76.3	76.6	77.5	78.5	76.8	79.1	76.2	81.3	76.9	71.6	70.8	76.6	77.3
20-24	36.3	36.4	40.4	47.9	51.6	51.6	53.5	51.4	46.1	42.9	46.2	50.0	53.8	54.5
25-29	16.4	18.6	17.7	28.2	26.4	29.3	28.3	29.8	29.6	30.3	32.2	40.0	39.7	39.0
30+	19.6	13.0	14.3	18.9	17.0	18.5	24.6	27.3	24.4	24.7	22.2	19.8	24.3	25.3
<b>New Castle</b>	46.5	46.9	49.4	49.4	49.3	47.8	47.5	47.0	48.0	49.5	52.3	52.7	54.3	55.5
<20	73.0	75.5	78.3	79.1	81.3	81.3	80.5	79.0	78.1	78.6	79.9	79.3	81.3	83.2
20-24	50.7	50.0	53.4	53.6	52.5	51.2	52.5	54.0	56.4	59.2	63.1	64.6	64.8	66.0
25-29	29.7	31.8	31.3	32.1	32.2	33.0	32.4	34.0	34.8	37.0	40.0	41.7	45.5	47.2
30+	25.1	24.7	27.2	28.7	31.7	28.8	29.6	28.3	29.0	29.1	31.1	31.3	32.4	33.7
<b>Wilmington</b>	60.7	61.8	63.4	63.3	63.2	62.4	61.2	60.1	60.1	61.1	63.3	63.5	65.6	67.8
<20	77.7	81.5	83.4	84.0	85.0	86.0	84.6	83.2	82.9	81.9	81.8	82.2	84.5	86.0
20-24	63.4	64.0	65.8	65.2	61.4	62.3	60.8	61.3	63.3	66.8	69.0	69.0	69.4	71.8
25-29	42.3	45.3	44.1	43.6	47.7	47.1	48.4	46.9	47.9	48.5	52.5	52.4	57.2	61.5
30+	38.4	35.6	40.9	44.0	46.4	45.0	45.4	44.0	43.5	43.2	44.6	45.5	47.7	47.6
<b>Balance of NC County</b>	32.4	34.2	38.4	40.0	40.7	39.3	39.9	40.5	42.5	44.6	48.0	48.8	50.6	51.7
<20	63.6	66.9	72.2	73.6	77.3	76.9	76.9	75.5	74.9	76.5	78.9	77.6	79.7	82.0
20-24	36.8	36.0	42.3	45.1	46.4	44.1	47.5	49.9	53.1	55.7	60.6	62.8	63.1	63.9
25-29	21.2	23.4	23.7	26.3	25.0	26.7	25.6	29.0	29.5	32.9	35.9	38.5	42.1	43.3
30+	17.6	19.4	20.7	22.0	25.7	22.3	23.0	22.5	23.9	24.5	27.3	27.8	28.9	30.7
<b>Sussex</b>	47.6	52.6	53.4	57.1	58.3	59.3	60.5	61.4	63.1	64.7	65.6	67.7	70.3	71.3
<20	51.0	58.0	64.8	68.2	74.3	82.4	83.1	85.9	85.7	86.0	86.1	89.6	91.3	92.4
20-24	57.7	62.3	62.5	64.5	64.8	65.1	65.7	66.0	69.2	72.0	72.8	74.8	76.4	76.3
25-29	39.1	38.8	38.4	42.9	43.8	44.1	50.2	52.4	54.8	56.0	57.5	59.0	63.1	66.0
30+	28.6	32.2	32.9	44.0	47.9	47.4	45.7	46.3	43.9	47.7	49.8	54.0	56.4	57.5

**Notes:**

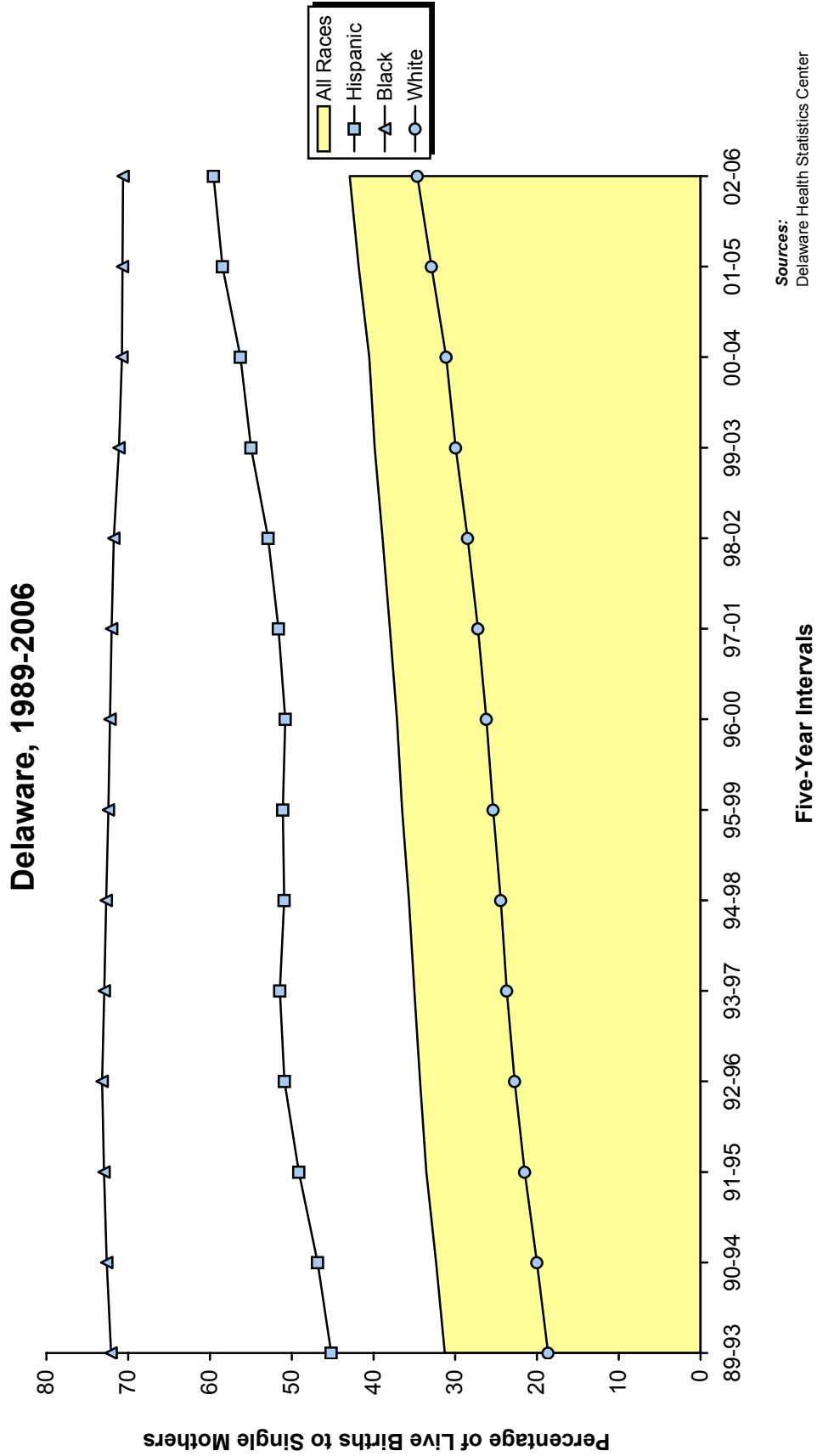
- \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
- Percentages in this table should be interpreted with caution due to small numbers.
- N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

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**Figure C-10**  
**Five-Year Average Percentage of Births to Single Mothers by Race and Hispanic Origin\***  
**Delaware, 1989-2006**



**Sources:**  
 Delaware Health Statistics Center  
**Notes:**  
 Hispanic may be of any race.

TABLE C-17  
NUMBER OF LIVE BIRTHS BY AGE, MARITAL STATUS, RACE AND HISPANIC ORIGIN OF MOTHER

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

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>	11898	8319	3021	552	1920	6507	5159	861	481	746	5391	3160	2160	71	1174
<15	25	13	12	0	11	0	0	0	0	0	25	13	12	0	11
15-17	386	207	173	6	86	16	15	1	0	8	370	192	172	6	78
18-19	870	523	338	8	193	91	71	14	5	30	779	452	324	3	163
20-24	3057	1965	1015	77	614	904	725	128	51	186	2153	1240	887	26	428
25-29	3226	2356	690	180	551	2012	1607	246	159	253	1214	749	444	21	298
30-34	2698	2046	473	178	310	2124	1706	250	167	179	574	340	223	11	131
35-39	1372	1021	260	88	123	1147	870	188	86	70	225	151	72	2	53
40+	264	188	60	15	32	213	165	34	13	20	51	23	26	2	12
<b>Kent</b>	2233	1574	579	77	169	1298	1044	187	64	90	935	530	392	13	79
<15	2	1	1	0	1	0	0	0	0	0	2	1	1	0	1
15-17	69	31	38	0	8	3	2	1	0	0	66	29	37	0	8
18-19	175	100	71	3	16	28	17	8	2	2	147	83	63	1	14
20-24	679	452	211	16	49	267	223	36	8	23	412	229	175	8	26
25-29	625	472	125	28	49	438	354	58	26	30	187	118	67	2	19
30-34	430	331	78	21	25	352	286	45	21	21	78	45	33	0	4
35-39	213	159	46	6	19	180	138	35	5	13	33	21	11	1	6
40+	40	28	9	3	2	30	24	4	2	1	10	4	5	1	1
<b>New Castle</b>	7299	4841	2026	429	1183	4149	3172	587	387	504	3150	1669	1439	42	679
<15	17	9	8	0	8	0	0	0	0	0	17	9	8	0	8
15-17	235	121	108	6	61	9	9	0	0	7	226	112	108	6	54
18-19	464	258	204	2	116	35	33	2	0	21	429	225	202	2	95
20-24	1652	953	648	51	379	437	328	71	38	123	1215	625	577	13	256
25-29	1953	1346	469	138	331	1225	937	162	126	173	728	409	307	12	158
30-34	1840	1339	355	145	193	1478	1151	188	138	121	362	188	167	7	72
35-39	955	690	188	76	73	815	602	137	75	44	140	88	51	1	29
40+	183	125	46	11	22	150	112	27	10	15	33	13	19	1	7
<b>Wilmington</b>	1339	496	820	23	266	391	262	117	12	78	948	234	703	11	188
<15	8	3	5	0	4	0	0	0	0	0	8	3	5	0	4
15-17	83	17	63	3	17	2	2	0	0	2	81	15	63	3	15
18-19	152	33	118	1	29	4	4	0	0	4	148	29	118	1	25
20-24	422	120	298	4	94	44	30	13	1	21	378	90	285	3	73
25-29	317	141	170	6	69	117	78	36	3	22	200	63	134	3	47
30-34	202	93	104	5	32	107	71	32	4	16	95	22	72	1	16
35-39	135	80	51	4	18	105	68	33	4	10	30	12	18	0	8
40+	20	9	11	0	3	12	9	3	0	3	8	0	8	0	0
<b>Balance of NC County</b>	5960	4345	1206	406	917	3758	2910	470	375	426	2202	1435	736	31	491
<15	9	6	3	0	4	0	0	0	0	0	9	6	3	0	4
15-17	152	104	45	3	44	7	7	0	0	5	145	97	45	3	39
18-19	312	225	86	1	87	31	29	2	0	17	281	196	84	1	70
20-24	1230	833	350	47	285	393	298	58	37	102	837	535	292	10	183
25-29	1636	1205	299	132	262	1108	859	126	123	151	528	346	173	9	111
30-34	1638	1246	251	140	161	1371	1080	156	134	105	267	166	95	6	56
35-39	820	610	137	72	55	710	534	104	71	34	110	76	33	1	21
40+	163	116	35	11	19	138	103	24	10	12	25	13	11	1	7
<b>Sussex</b>	2366	1904	416	46	568	1060	943	87	30	152	1306	961	329	16	416
<15	6	3	3	0	2	0	0	0	0	0	6	3	3	0	2
15-17	82	55	27	0	17	4	4	0	0	1	78	51	27	0	16
18-19	231	165	63	3	61	28	21	4	3	7	203	144	59	0	54
20-24	726	560	156	10	186	200	174	21	5	40	526	386	135	5	146
25-29	648	538	96	14	171	349	316	26	7	50	299	222	70	7	121
30-34	428	376	40	12	92	294	269	17	8	37	134	107	23	4	55
35-39	204	172	26	6	31	152	130	16	6	13	52	42	10	0	18
40+	41	35	5	1	8	33	29	3	1	4	8	6	2	0	4

Note:

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

Source:

Delaware Health Statistics Center

LBMSAGE1

TABLE C-18  
NUMBER OF LIVE BIRTHS BY LIVE BIRTH ORDER AND AGE OF MOTHER

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Birth Order	Age								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
<b>Delaware</b>	11898	25	386	870	3057	3226	2698	1372	264
First	4991	24	346	667	1540	1219	794	339	62
Second	3846	1	35	160	1001	1076	1012	479	82
Third	1860	0	4	34	353	574	540	300	55
Fourth+	1195	0	1	7	163	356	349	254	65
Unknown	6	0	0	2	0	1	3	0	0
<b>Kent</b>	2233	2	69	175	679	625	430	213	40
First	870	2	60	131	327	196	101	45	8
Second	757	0	9	36	243	222	160	75	12
Third	361	0	0	5	79	119	102	48	8
Fourth+	243	0	0	3	30	88	65	45	12
Unknown	2	0	0	0	0	0	2	0	0
<b>New Castle</b>	7299	17	235	464	1652	1953	1840	955	183
First	3128	17	211	358	838	825	583	252	44
Second	2372	0	20	87	534	619	705	342	65
Third	1112	0	3	15	188	328	329	207	42
Fourth+	684	0	1	3	92	180	222	154	32
Unknown	3	0	0	1	0	1	1	0	0
Wilmington	1339	8	83	152	422	317	202	135	20
First	546	8	70	99	177	97	60	31	4
Second	356	0	12	39	133	73	50	40	9
Third	212	0	0	11	62	72	34	29	4
Fourth+	224	0	1	3	50	75	57	35	3
Unknown	1	0	0	0	0	0	1	0	0
Balance of NC County	5960	9	152	312	1230	1636	1638	820	163
First	2582	9	141	259	661	728	523	221	40
Second	2016	0	8	48	401	546	655	302	56
Third	900	0	3	4	126	256	295	178	38
Fourth+	460	0	0	0	42	105	165	119	29
Unknown	2	0	0	1	0	1	0	0	0
<b>Sussex</b>	2366	6	82	231	726	648	428	204	41
First	993	5	75	178	375	198	110	42	10
Second	717	1	6	37	224	235	147	62	5
Third	387	0	1	14	86	127	109	45	5
Fourth+	268	0	0	1	41	88	62	55	21
Unknown	1	0	0	1	0	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 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, 2006

Area/ Birth Order	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11898	100.0	8319	100.0	3021	100.0	552	100.0	1920	100.0
First	4991	41.9	3549	42.7	1196	39.6	245	44.4	728	37.9
Second	3846	32.3	2747	33.0	885	29.3	212	38.4	597	31.1
Third	1860	15.6	1291	15.5	499	16.5	67	12.1	368	19.2
Fourth+	1195	10.0	727	8.7	440	14.6	28	5.1	223	11.6
Unknown	6	0.1	5	0.1	1	0.0	0	0.0	4	0.2
<b>Kent</b>	2233	100.0	1574	100.0	579	100.0	77	100.0	169	100.0
First	870	39.0	615	39.1	229	39.6	25	32.5	54	32.0
Second	757	33.9	545	34.6	182	31.4	29	37.7	67	39.6
Third	361	16.2	245	15.6	99	17.1	16	20.8	33	19.5
Fourth+	243	10.9	167	10.6	69	11.9	7	9.1	13	7.7
Unknown	2	0.1	2	0.1	0	0.0	0	0.0	2	1.2
<b>New Castle</b>	7299	100.0	4841	100.0	2026	100.0	429	100.0	1183	100.0
First	3128	42.9	2106	43.5	814	40.2	208	48.5	464	39.2
Second	2372	32.5	1625	33.6	584	28.8	162	37.8	367	31.0
Third	1112	15.2	739	15.3	330	16.3	41	9.6	218	18.4
Fourth+	684	9.4	369	7.6	297	14.7	18	4.2	133	11.2
Unknown	3	0.0	2	0.0	1	0.0	0	0.0	1	0.1
Wilmington	1339	100.0	496	100.0	820	100.0	23	100.0	266	100.0
First	546	40.8	217	43.8	319	38.9	10	43.5	99	37.2
Second	356	26.6	136	27.4	213	26.0	7	30.4	65	24.4
Third	212	15.8	80	16.1	128	15.6	4	17.4	47	17.7
Fourth+	224	16.7	62	12.5	160	19.5	2	8.7	55	20.7
Unknown	1	0.1	1	0.2	0	0.0	0	0.0	0	0.0
Balance of NC County	5960	100.0	4345	100.0	1206	100.0	406	100.0	917	100.0
First	2582	43.3	1889	43.5	495	41.0	198	48.8	365	39.8
Second	2016	33.8	1489	34.3	371	30.8	155	38.2	302	32.9
Third	900	15.1	659	15.2	202	16.7	37	9.1	171	18.6
Fourth+	460	7.7	307	7.1	137	11.4	16	3.9	78	8.5
Unknown	2	0.0	1	0.0	1	0.1	0	0.0	1	0.1
<b>Sussex</b>	2366	100.0	1904	100.0	416	100.0	46	100.0	568	100.0
First	993	42.0	828	43.5	153	36.8	12	26.1	210	37.0
Second	717	30.3	577	30.3	119	28.6	21	45.7	163	28.7
Third	387	16.4	307	16.1	70	16.8	10	21.7	117	20.6
Fourth+	268	11.3	191	10.0	74	17.8	3	6.5	77	13.6
Unknown	1	0.0	1	0.1	0	0.0	0	0.0	1	0.2

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

**Source:**

Delaware Health Statistics Center

TABLE C-20  
NUMBER OF LIVE BIRTHS BY PLURALITY AND AGE OF MOTHER  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Plurality	Age								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
<b>Delaware</b>	11898	25	386	870	3057	3226	2698	1372	264
Single	11452	23	376	837	2976	3133	2562	1299	246
Plural	446	2	10	33	81	93	136	73	18
<b>Kent</b>	2233	2	69	175	679	625	430	213	40
Single	2149	2	69	169	659	603	408	199	40
Plural	84	0	0	6	20	22	22	14	0
<b>New Castle</b>	7299	17	235	464	1652	1953	1840	955	183
Single	7000	17	225	448	1598	1894	1747	904	167
Plural	299	0	10	16	54	59	93	51	16
Wilmington	1339	8	83	152	422	317	202	135	20
Single	1280	8	79	140	405	303	200	129	16
Plural	59	0	4	12	17	14	2	6	4
Balance of NC County	5960	9	152	312	1230	1636	1638	820	163
Single	5720	9	146	308	1193	1591	1547	775	151
Plural	240	0	6	4	37	45	91	45	12
<b>Sussex</b>	2366	6	82	231	726	648	428	204	41
Single	2303	4	82	220	719	636	407	196	39
Plural	63	2	0	11	7	12	21	8	2

PLURAGE

**Note:**

Plural births represent twins, triplets, etc.

**Source:**

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, 2006

Area/ Plurality	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11898	100.0	8319	100.0	3021	100.0	552	100.0	1920	100.0
Single	11452	96.3	8015	96.3	2895	95.8	538	97.5	1888	98.3
Plural	446	3.7	304	3.7	126	4.2	14	2.5	32	1.7
<b>Kent</b>	2233	100.0	1574	100.0	579	100.0	77	100.0	169	100.0
Single	2149	96.2	1514	96.2	559	96.5	75	97.4	165	97.6
Plural	84	3.8	60	3.8	20	3.5	2	2.6	4	2.4
<b>New Castle</b>	7299	100.0	4841	100.0	2026	100.0	429	100.0	1183	100.0
Single	7000	95.9	4650	96.1	1928	95.2	419	97.7	1159	98.0
Plural	299	4.1	191	3.9	98	4.8	10	2.3	24	2.0
Wilmington	1339	100.0	496	100.0	820	100.0	23	100.0	266	100.0
Single	1280	95.6	474	95.6	785	95.7	21	91.3	256	96.2
Plural	59	4.4	22	4.4	35	4.3	2	8.7	10	3.8
Balance of NC County	5960	100.0	4345	100.0	1206	100.0	406	100.0	917	100.0
Single	5720	96.0	4176	96.1	1143	94.8	398	98.0	903	98.5
Plural	240	4.0	169	3.9	63	5.2	8	2.0	14	1.5
<b>Sussex</b>	2366	100.0	1904	100.0	416	100.0	46	100.0	568	100.0
Single	2303	97.3	1851	97.2	408	98.1	44	95.7	564	99.3
Plural	63	2.7	53	2.8	8	1.9	2	4.3	4	0.7

PLURANCE

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

**Source:**

Delaware Health Statistics Center

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

DELAWARE, 2006

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	950	8.0	975	7.9	25	2.3
Kent General	1769	14.9	1802	14.5	33	3.1
Christiana	6151	51.7	7081	57.0	930	86.2
Milford Memorial	506	4.3	509	4.1	3	0.3
Nanticoke Memorial	875	7.4	894	7.2	19	1.8
St. Francis	907	7.6	946	7.6	39	3.6
Total	11158	93.8	12207	98.3	1049	97.2
BIRTHING CENTER						
	89	0.7	115	0.9	26	2.4
HOME BIRTH						
	80	0.7	84	0.7	4	0.4
ENROUTE/OTHER						
	8	0.1	8	0.1	0	0.0
UNKNOWN						
	1	0.0	1	0.0	0	0.0
TOTAL	11336	95.3	12415	100.0	1079	100.0
<b>OUT-OF-STATE</b>						
HOSPITAL						
Crozier Med. Center, PA	128	1.1	N/A		N/A	
Peninsula General, MD	131	1.1	N/A		N/A	
Riddle Memorial, PA	30	0.3	N/A		N/A	
Other Hospitals	271	2.3	N/A		N/A	
Total	560	4.7	N/A		N/A	
BIRTHING CENTER						
	1	0.0	N/A		N/A	
HOME BIRTH						
	0	0.0	N/A		N/A	
ENROUTE/OTHER						
	1	0.0	N/A		N/A	
UNKNOWN						
	0	0.0	N/A		N/A	
TOTAL	562	4.7	N/A		N/A	
<b>TOTAL</b>	<b>11898</b>	<b>100.0</b>	<b>12415</b>	<b>100.0</b>	<b>1079</b>	<b>100.0</b>

PLACBRTH

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-23  
NUMBER AND PERCENT OF LIVE BIRTHS BY ATTENDANT AT BIRTH, RACE AND HISPANIC ORIGIN OF MOTHER  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Attendant at Birth	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11898	100.0	8319	100.0	3021	100.0	552	100.0	1920	100.0
Physician	11131	93.6	7711	92.7	2890	95.7	529	95.8	1868	97.3
Midwife	438	3.7	378	4.5	53	1.8	7	1.3	28	1.5
Other	21	0.2	16	0.2	5	0.2	0	0.0	5	0.3
Unknown	308	2.6	214	2.6	73	2.4	16	2.9	19	1.0
<b>Kent</b>	2233	100.0	1574	100.0	579	100.0	77	100.0	169	100.0
Physician	2133	95.5	1484	94.3	572	98.8	77	100.0	166	98.2
Midwife	81	3.6	78	5.0	3	0.5	0	0.0	2	1.2
Other	4	0.2	2	0.1	2	0.3	0	0.0	0	0.0
Unknown	15	0.7	10	0.6	2	0.3	0	0.0	1	0.6
<b>New Castle</b>	7299	100.0	4841	100.0	2026	100.0	429	100.0	1183	100.0
Physician	6924	94.9	4570	94.4	1942	95.9	411	95.8	1161	98.1
Midwife	80	1.1	66	1.4	12	0.6	2	0.5	4	0.3
Other	9	0.1	6	0.1	3	0.1	0	0.0	1	0.1
Unknown	286	3.9	199	4.1	69	3.4	16	3.7	17	1.4
Wilmington	1339	100.0	496	100.0	820	100.0	23	100.0	266	100.0
Physician	1300	97.1	475	95.8	804	98.0	21	91.3	262	98.5
Midwife	13	1.0	7	1.4	6	0.7	0	0.0	0	0.0
Other	4	0.3	2	0.4	2	0.2	0	0.0	1	0.4
Unknown	22	1.6	12	2.4	8	1.0	2	8.7	3	1.1
Balance of NC County	5960	100.0	4345	100.0	1206	100.0	406	100.0	917	100.0
Physician	5624	94.4	4095	94.2	1138	94.4	390	96.1	899	98.0
Midwife	67	1.1	59	1.4	6	0.5	2	0.5	4	0.4
Other	5	0.1	4	0.1	1	0.1	0	0.0	0	0.0
Unknown	264	4.4	187	4.3	61	5.1	14	3.4	14	1.5
<b>Sussex</b>	2366	100.0	1904	100.0	416	100.0	46	100.0	568	100.0
Physician	2074	87.7	1657	87.0	376	90.4	41	89.1	541	95.2
Midwife	277	11.7	234	12.3	38	9.1	5	10.9	22	3.9
Other	8	0.3	8	0.4	0	0.0	0	0.0	4	0.7
Unknown	7	0.3	5	0.3	2	0.5	0	0.0	1	0.2

ATTDTRACE

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

**Source:**

Delaware Health Statistics Center

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, 1987-2006

(ALL RACES)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	7.0	7.0	7.1	7.1	7.2	7.2	7.3	7.4	7.5	7.5	7.6	7.6	7.7	7.8	7.9	N/A
<20	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.6	9.6	9.6	9.6	9.7	9.8	N/A
20-24	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.6	7.7	7.8	7.9	8.0	N/A
25-29	6.2	6.2	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.9	7.1	N/A
30+	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8	8.0	N/A
<b>Delaware</b>	7.4	7.6	7.7	7.7	7.8	8.0	8.2	8.3	8.5	8.6	8.8	9.0	9.2	9.3	9.4	9.4
<20	10.1	10.2	10.5	10.5	10.7	10.7	10.6	10.6	10.9	11.0	11.1	11.3	11.2	11.2	11.5	11.4
20-24	7.8	8.0	7.9	7.7	7.9	8.3	8.5	8.6	9.0	9.1	8.9	9.1	9.5	9.5	9.6	9.8
25-29	6.1	6.3	6.5	6.6	6.9	7.0	7.2	7.3	7.5	7.6	7.6	7.9	8.3	8.4	8.6	8.5
30+	7.4	7.6	7.7	7.7	7.6	7.6	7.9	8.0	8.2	8.2	8.7	8.9	9.0	9.2	9.3	9.3
<b>Kent</b>	7.1	7.3	7.2	7.1	7.3	7.2	7.5	7.7	8.1	8.1	8.6	8.9	9.2	9.3	9.5	9.4
<20	8.7	8.9	9.4	9.4	9.6	9.3	9.0	8.8	9.7	9.8	11.0	11.9	12.0	11.3	12.4	11.7
20-24	7.0	7.4	6.8	6.8	7.1	6.9	7.3	7.7	8.0	8.1	8.2	8.3	9.1	9.4	9.3	9.8
25-29	5.7	5.5	5.7	5.3	6.1	6.3	6.9	7.1	7.4	7.1	7.5	7.2	7.6	7.6	7.9	7.4
30+	8.3	8.7	8.4	8.2	7.7	7.5	7.6	7.6	8.1	8.2	8.7	9.6	9.6	9.8	9.8	9.7
<b>New Castle</b>	7.6	7.8	8.0	8.0	8.2	8.3	8.5	8.6	8.8	8.8	9.1	9.3	9.6	9.7	9.9	9.9
<20	11.3	11.2	11.4	11.5	11.5	11.4	11.2	11.2	11.4	11.3	11.6	11.8	11.5	11.9	12.5	12.3
20-24	8.3	8.6	8.6	8.5	8.5	9.2	9.4	9.6	10.0	10.0	10.0	10.2	10.4	10.3	10.5	10.5
25-29	6.2	6.4	6.7	7.0	7.2	7.1	7.4	7.5	7.7	7.8	7.9	8.4	8.7	8.8	9.0	9.1
30+	7.2	7.5	7.7	7.7	7.8	7.7	8.0	8.1	8.3	8.2	8.7	8.9	9.1	9.3	9.6	9.6
Wilmington	12.1	12.2	12.4	12.5	12.2	12.1	12.2	12.3	12.6	13.1	13.5	14.2	14.1	14.0	14.4	13.9
<20	13.5	13.2	13.2	13.3	13.2	13.3	13.2	13.5	14.3	14.4	14.6	14.9	14.2	13.8	14.7	14.6
20-24	12.1	12.2	12.1	11.5	12.0	12.1	12.6	12.7	13.5	13.4	13.9	14.4	15.1	14.7	15.1	14.7
25-29	10.7	10.6	11.0	11.6	11.0	11.1	11.7	12.2	12.2	13.5	13.0	14.0	13.0	12.7	12.8	12.8
30+	12.5	13.1	13.5	13.8	12.4	11.8	11.1	11.0	10.5	11.1	12.6	13.6	13.7	14.3	14.5	13.4
Balance of NC County	6.4	6.7	6.9	7.0	7.2	7.4	7.6	7.7	8.0	7.9	8.1	8.3	8.6	8.8	9.0	9.1
<20	9.7	9.8	10.0	10.1	10.2	10.1	9.8	9.8	9.6	9.5	9.9	10.1	10.0	10.9	11.4	11.1
20-24	7.0	7.3	7.4	7.4	7.3	8.2	8.4	8.5	8.7	8.9	8.7	8.7	8.8	8.8	9.0	9.1
25-29	5.4	5.7	5.9	6.1	6.5	6.4	6.7	6.7	7.0	6.9	7.0	7.5	8.0	8.2	8.4	8.4
30+	6.4	6.7	6.8	6.8	7.1	7.2	7.6	7.7	8.0	7.9	8.2	8.3	8.6	8.8	9.0	9.1
<b>Sussex</b>	7.1	7.1	7.2	7.1	7.2	7.7	8.0	8.0	8.0	8.3	7.8	7.9	8.0	8.0	7.8	8.0
<20	8.3	8.5	9.3	9.2	9.7	10.0	10.7	10.6	10.7	11.1	10.1	9.4	9.6	9.4	8.4	8.8
20-24	7.3	7.1	7.1	6.7	7.1	7.5	7.5	7.3	7.6	7.7	6.9	7.3	7.6	7.6	7.9	8.4
25-29	6.0	6.4	6.5	6.1	6.2	7.0	7.0	6.8	7.1	7.3	6.7	7.1	7.6	7.5	7.6	7.7
30+	7.6	6.9	6.7	7.1	6.8	7.0	7.7	8.1	7.7	8.0	8.4	8.4	8.0	8.1	7.7	7.7

**Note:**

N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

FYALBW1

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, 1987-2006

(WHITE)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	5.7	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	N/A
<20	7.6	7.6	7.6	7.7	7.8	7.8	7.9	8.0	8.1	8.1	8.1	8.1	8.2	8.2	8.3	N/A
20-24	5.8	5.8	5.8	5.9	6.0	6.0	6.2	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.8	N/A
25-29	5.1	5.1	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.2	N/A
30+	5.6	5.7	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.2	N/A
<b>Delaware</b>	5.6	5.7	5.8	5.9	6.1	6.3	6.5	6.6	6.8	6.8	7.0	7.3	7.6	7.6	7.7	7.6
<20	7.7	8.0	8.1	8.0	8.3	8.1	7.9	8.0	8.1	8.3	8.6	8.7	8.8	8.9	8.9	8.6
20-24	5.6	5.6	5.5	5.4	5.5	6.0	6.3	6.4	6.6	6.8	6.7	7.2	7.5	7.6	7.5	7.7
25-29	4.6	4.9	5.0	5.1	5.5	5.8	5.9	5.7	5.9	5.9	5.8	6.2	6.9	7.0	7.2	7.1
30+	6.0	6.2	6.2	6.3	6.4	6.5	6.8	6.9	7.0	7.0	7.5	7.6	7.7	7.8	7.9	7.8
<b>Kent</b>	5.7	6.0	5.9	5.7	5.8	5.9	6.0	5.9	6.1	6.3	6.6	7.3	7.6	7.8	7.7	7.7
<20	7.0	7.4	7.5	7.6	7.2	6.9	6.4	5.9	6.6	7.6	8.9	10.1	10.1	9.4	9.7	9.2
20-24	5.4	5.7	5.3	5.2	5.2	5.2	5.6	5.8	6.0	6.3	6.3	6.8	7.3	7.7	7.4	8.3
25-29	4.5	4.7	4.9	4.7	5.5	5.9	6.1	5.1	5.0	4.7	4.9	4.9	6.0	6.2	6.4	5.9
30+	7.1	7.3	6.9	6.8	6.2	6.3	6.0	6.0	6.3	6.4	6.9	8.2	8.3	8.6	8.5	8.4
<b>New Castle</b>	5.6	5.8	5.9	6.0	6.2	6.4	6.6	6.7	6.9	6.9	7.2	7.3	7.7	7.8	8.0	7.9
<20	8.6	8.8	8.8	8.8	9.0	8.8	8.4	8.6	8.3	8.3	8.5	8.5	8.7	9.5	9.9	9.5
20-24	5.9	5.9	5.8	5.8	5.7	6.3	6.7	6.8	7.1	7.3	7.4	7.8	8.1	8.1	8.3	8.0
25-29	4.7	4.9	5.0	5.3	5.6	5.6	5.7	5.8	6.0	6.1	6.2	6.6	7.2	7.2	7.4	7.6
30+	5.7	6.0	6.1	6.2	6.5	6.5	6.8	7.0	7.2	7.0	7.4	7.4	7.6	7.7	8.0	7.8
Wilmington	6.5	6.5	6.4	6.7	6.6	6.5	6.7	7.8	7.9	8.3	8.8	9.4	9.2	9.3	9.1	8.8
<20	10.5	10.9	8.9	8.8	10.0	10.0	9.1	10.2	11.2	10.1	10.3	9.8	9.5	9.1	8.9	8.9
20-24	6.3	5.8	5.7	5.9	6.2	5.4	6.7	7.8	8.3	9.5	10.2	11.6	11.9	12.1	11.5	11.2
25-29	5.0	5.2	5.8	5.7	5.4	6.0	6.0	7.0	7.3	8.7	8.5	9.0	9.3	8.6	7.7	8.4
30+	6.5	6.2	6.4	7.2	6.5	6.1	6.3	7.4	7.1	6.9	7.9	8.3	7.4	8.3	8.7	7.5
Balance of NC County	5.5	5.7	5.8	5.9	6.2	6.4	6.6	6.6	6.8	6.7	7.0	7.1	7.5	7.6	7.9	7.8
<20	8.1	8.3	8.8	8.8	8.8	8.5	8.2	8.3	7.9	8.0	8.3	8.3	8.6	9.6	10.1	9.6
20-24	5.9	5.9	5.9	5.8	5.6	6.5	6.8	6.7	7.0	7.0	7.0	7.3	7.6	7.6	7.8	7.6
25-29	4.6	4.9	5.0	5.2	5.6	5.6	5.7	5.7	5.9	5.9	6.0	6.4	7.0	7.1	7.4	7.5
30+	5.6	6.0	6.1	6.1	6.5	6.5	6.9	7.0	7.2	7.0	7.4	7.3	7.6	7.7	7.9	7.8
<b>Sussex</b>	5.3	5.2	5.4	5.3	5.7	6.3	6.8	6.8	6.9	7.0	6.9	7.0	7.2	7.0	6.8	6.7
<20	6.3	6.6	7.1	6.3	7.5	7.3	8.3	8.5	9.1	8.9	8.6	7.7	7.8	7.1	6.1	6.5
20-24	5.2	4.7	4.5	4.7	5.1	5.9	6.1	6.0	6.1	6.3	5.8	6.3	6.4	6.3	6.1	6.6
25-29	4.3	4.7	5.0	4.9	5.2	6.3	6.3	6.1	6.3	6.2	5.7	6.2	6.8	6.8	7.0	6.5
30+	6.2	5.7	5.9	6.1	5.9	6.4	7.2	7.4	7.2	7.7	8.1	8.0	7.8	7.7	7.3	7.2

FYALBW2

**Notes:**

1. 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
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

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, 1987-2006

(BLACK)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	13.2	13.3	13.4	13.3	13.3	13.2	13.1	13.1	13.1	13.0	13.0	13.1	13.1	13.2	13.3	N/A
<20	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.3	13.4	13.6	13.6	13.7	13.8	13.9	14.0	N/A
20-24	12.4	12.4	12.4	12.2	12.2	12.0	12.0	12.0	12.0	12.0	12.1	12.3	12.5	12.7	12.9	N/A
25-29	13.1	13.2	13.2	13.1	13.0	12.8	12.6	12.4	12.3	12.2	12.1	12.1	12.1	12.2	12.4	N/A
30+	14.3	14.7	15.0	15.1	15.2	15.1	15.0	14.9	14.8	14.6	14.4	14.3	14.3	14.2	14.2	N/A
<b>Delaware</b>	13.3	13.5	13.8	13.5	13.4	13.3	13.5	13.6	14.1	14.1	14.0	14.2	14.1	14.1	14.3	14.6
<20	12.7	12.6	13.2	13.4	13.4	13.7	13.7	13.6	14.1	14.1	14.1	14.5	14.2	14.2	14.9	14.8
20-24	12.5	13.1	13.1	12.5	12.8	13.1	13.0	13.3	13.8	13.7	13.3	13.2	13.5	13.4	13.9	14.1
25-29	13.0	12.6	13.0	12.8	12.5	12.0	13.1	13.3	14.1	14.2	13.8	13.8	13.3	12.8	13.1	13.2
30+	16.6	17.0	16.8	16.3	15.5	14.8	14.5	14.5	14.4	14.7	15.0	15.7	15.6	16.0	15.7	16.3
<b>Kent</b>	11.4	11.5	11.4	11.3	12.2	11.8	12.4	13.5	14.1	13.7	14.4	13.9	14.0	13.9	14.3	13.8
<20	11.2	11.0	12.0	11.9	13.1	13.1	13.0	13.4	14.4	13.4	14.6	14.9	15.0	14.4	15.6	14.2
20-24	11.4	11.8	11.1	11.3	11.9	11.6	12.1	12.8	12.9	12.6	12.8	12.2	12.9	13.3	13.6	13.1
25-29	9.7	8.6	8.7	8.1	8.8	8.7	10.6	13.0	14.4	13.9	14.8	12.8	13.1	12.2	12.8	12.2
30+	14.3	16.2	15.5	15.1	16.0	14.1	14.2	15.4	15.4	15.8	16.7	17.0	16.1	16.5	16.3	16.6
<b>New Castle</b>	14.3	14.5	14.8	14.6	14.3	14.3	14.4	14.1	14.5	14.6	14.6	14.9	14.7	14.7	14.8	15.1
<20	14.0	13.7	13.9	14.2	14.0	14.1	13.9	13.8	14.3	14.2	14.6	15.1	14.4	14.4	15.4	15.4
20-24	13.2	13.9	14.0	13.5	13.6	14.3	14.1	14.4	14.7	14.7	14.5	14.1	14.3	14.0	14.2	14.4
25-29	13.9	13.4	14.1	14.3	13.8	13.1	14.3	13.9	14.3	14.5	14.0	14.4	13.8	13.5	13.6	13.5
30+	17.7	18.0	18.2	17.3	16.1	15.7	15.2	14.5	14.7	15.1	15.3	16.0	16.3	16.6	16.2	16.8
Wilmington	15.3	15.4	15.7	15.8	15.3	15.3	15.3	14.9	15.2	15.8	16.2	17.0	17.1	17.0	17.7	17.3
<20	14.3	13.8	14.3	14.5	14.0	14.2	14.2	14.2	14.9	15.4	15.5	16.2	15.5	15.3	16.6	16.3
20-24	14.4	14.8	14.6	13.7	14.2	14.5	14.7	14.5	15.4	14.8	15.4	15.5	16.6	16.0	16.7	16.3
25-29	14.9	14.5	14.8	15.8	15.1	15.1	16.0	15.9	15.9	17.2	16.3	17.6	15.7	15.8	16.5	16.4
30+	20.3	21.4	21.8	21.8	19.6	19.1	17.3	15.7	15.0	16.7	18.6	20.8	22.4	22.7	22.4	21.3
Balance of NC County	13.0	13.2	13.7	13.2	13.1	13.2	13.5	13.5	13.9	13.7	13.3	13.2	13.0	13.1	12.9	13.7
<20	13.4	13.5	13.2	13.5	14.0	14.1	13.4	13.1	13.4	12.5	13.2	13.6	12.7	13.2	13.7	14.2
20-24	11.5	12.6	13.3	13.2	12.8	14.1	13.5	14.3	14.0	14.5	13.6	12.8	12.2	12.1	12.0	12.7
25-29	12.7	12.3	13.5	12.8	12.7	11.6	13.1	12.5	13.4	12.8	12.7	12.5	12.8	12.3	12.2	12.1
30+	15.4	15.0	15.0	13.5	13.3	13.2	13.8	13.8	14.5	14.4	13.7	14.0	13.9	14.4	13.9	15.3
<b>Sussex</b>	11.9	12.1	12.2	11.7	11.5	11.5	11.6	11.8	12.2	12.4	11.2	11.7	11.5	11.7	12.3	13.3
<20	10.5	10.7	11.8	12.4	12.1	12.9	13.6	13.2	13.1	14.2	12.4	12.4	12.7	13.6	12.6	13.6
20-24	11.3	11.8	12.2	10.8	11.1	10.9	10.6	10.3	11.7	11.4	10.3	10.8	11.5	11.5	13.1	14.0
25-29	13.4	13.8	13.2	11.7	11.1	10.7	10.4	11.0	12.3	12.8	11.1	12.0	10.9	10.0	11.1	13.2
30+	14.5	13.2	11.5	12.4	12.0	11.3	11.2	13.1	11.3	11.0	11.2	12.1	10.4	11.3	11.4	11.8

FYALBW3

**Notes:**

1. 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
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE C-27  
FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS) BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2006

(HISPANIC ORIGIN\*)

Area/ Age	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	6.1	6.2	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.4	6.5	6.6	6.7	N/A
<20	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.9	N/A
20-24	5.8	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.2	6.3	N/A
25-29	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.7	5.8	5.9	N/A
30+	6.5	6.5	6.6	6.6	6.7	6.8	6.8	6.8	6.9	6.9	7.0	7.1	7.2	N/A
<b>Delaware</b>	7.6	7.6	7.2	7.0	7.2	7.4	7.4	7.2	7.0	7.0	7.0	6.9	7.0	7.0
<20	8.7	8.8	8.9	8.0	8.3	9.2	9.4	9.5	10.0	8.4	8.4	8.2	8.3	7.7
20-24	7.6	6.1	6.0	5.7	6.0	5.6	6.0	5.8	5.4	6.3	6.9	7.2	6.9	7.2
25-29	5.4	6.5	6.7	7.5	8.1	8.0	7.5	7.4	6.7	6.5	6.5	6.4	6.9	6.9
30+	9.3	10.8	8.5	7.7	7.1	8.2	8.2	7.6	7.7	7.5	6.9	6.1	6.6	6.5
<b>Kent</b>	5.3	5.7	4.4	5.8	5.7	6.1	6.9	7.3	6.3	8.2	8.1	8.3	9.5	9.3
<20	2.1	5.1	6.3	5.6	7.7	7.2	9.0	9.5	7.8	10.3	12.3	7.9	10.8	12.6
20-24	7.8	7.1	4.0	5.1	4.8	4.7	5.4	6.4	5.0	7.1	7.6	10.3	9.7	11.0
25-29	3.3	5.1	4.8	7.0	5.6	6.7	5.4	5.3	4.8	7.7	6.7	8.0	11.3	9.3
30+	5.4	4.3	2.0	5.7	5.7	7.4	9.8	10.6	9.8	9.0	7.4	5.2	6.3	4.3
<b>New Castle</b>	8.8	8.7	8.5	8.0	8.6	8.8	8.6	8.1	7.9	7.7	7.5	7.4	7.6	7.5
<20	10.4	10.3	10.4	9.5	9.9	10.5	10.0	9.7	10.3	8.5	8.3	9.0	9.1	8.4
20-24	8.6	7.1	7.2	6.5	7.4	7.4	7.2	7.0	6.6	7.5	7.7	8.1	7.9	7.7
25-29	6.2	7.6	7.8	8.6	9.8	9.3	8.7	8.8	8.1	7.1	6.6	6.3	6.2	6.7
30+	10.5	11.2	9.4	8.0	7.5	8.6	9.3	7.5	7.8	8.1	7.5	6.7	7.9	7.6
<b>Wilmington</b>	10.3	10.1	9.2	8.7	8.1	9.4	9.7	9.2	8.8	9.7	8.9	8.9	9.4	9.6
<20	11.4	11.5	11.7	11.2	10.5	11.4	11.3	9.9	8.8	8.6	7.3	7.1	8.0	9.1
20-24	10.7	9.6	9.1	7.3	7.0	7.5	7.6	8.2	7.8	10.2	10.3	11.2	10.9	11.5
25-29	5.4	7.3	7.0	9.4	8.6	9.3	9.7	9.2	8.7	9.4	8.8	7.6	8.0	8.3
30+	14.0	12.6	6.8	5.5	5.2	9.9	11.5	10.0	10.6	10.4	8.1	8.5	10.3	8.5
<b>Balance of NC County</b>	7.2	7.5	8.0	7.6	8.9	8.4	7.9	7.6	7.6	6.9	7.0	6.9	7.0	6.8
<20	8.4	8.6	8.9	7.7	9.2	9.6	8.9	9.5	11.3	8.4	8.9	10.1	9.7	8.0
20-24	6.3	4.6	5.5	6.0	7.7	7.3	6.9	6.4	6.0	6.2	6.6	6.9	6.8	6.4
25-29	6.7	7.8	8.3	8.2	10.4	9.3	8.2	8.7	7.9	6.3	5.9	5.9	5.7	6.2
30+	8.5	10.6	10.6	9.1	8.4	8.0	8.3	6.6	6.9	7.3	7.4	6.3	7.3	7.4
<b>Sussex</b>	4.4	4.7	4.9	4.9	4.8	5.0	5.1	5.2	5.1	4.8	5.7	5.2	5.1	5.4
<20	3.9	4.3	4.5	3.7	3.5	6.4	7.7	8.7	9.7	7.5	7.2	6.0	5.2	4.4
20-24	3.8	3.0	4.1	4.3	4.3	3.4	4.2	3.4	3.3	3.5	5.1	4.4	4.2	5.1
25-29	3.1	2.5	4.0	4.9	5.2	5.7	5.7	5.1	4.5	4.9	6.1	6.2	7.0	6.7
30+	8.2	13.6	9.2	8.0	6.7	7.5	4.3	6.9	6.3	5.4	5.2	4.7	3.8	4.7

**Notes:**

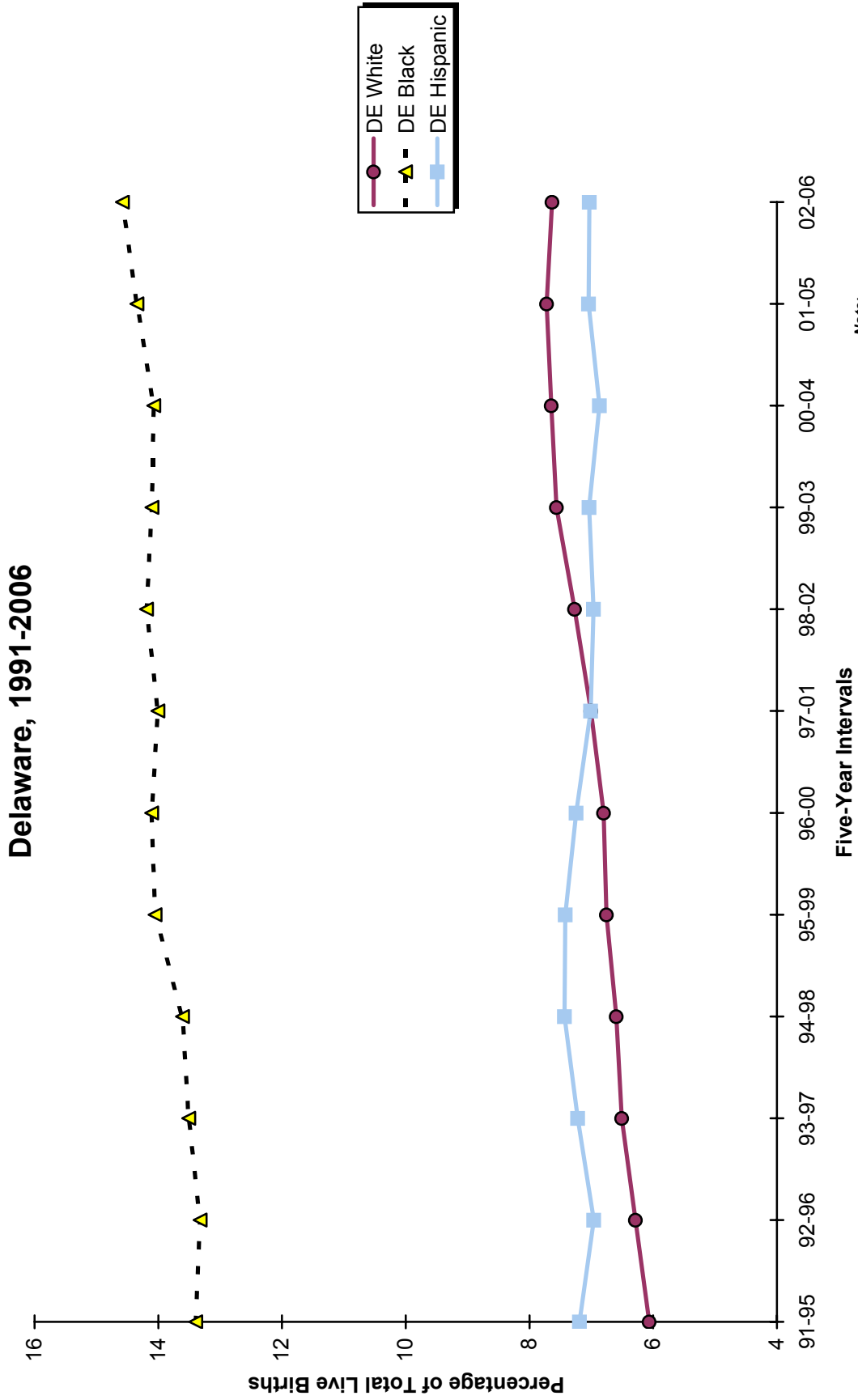
- \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
- Percentages in this table should be interpreted with caution due to small numbers.
- N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

FYALBW4

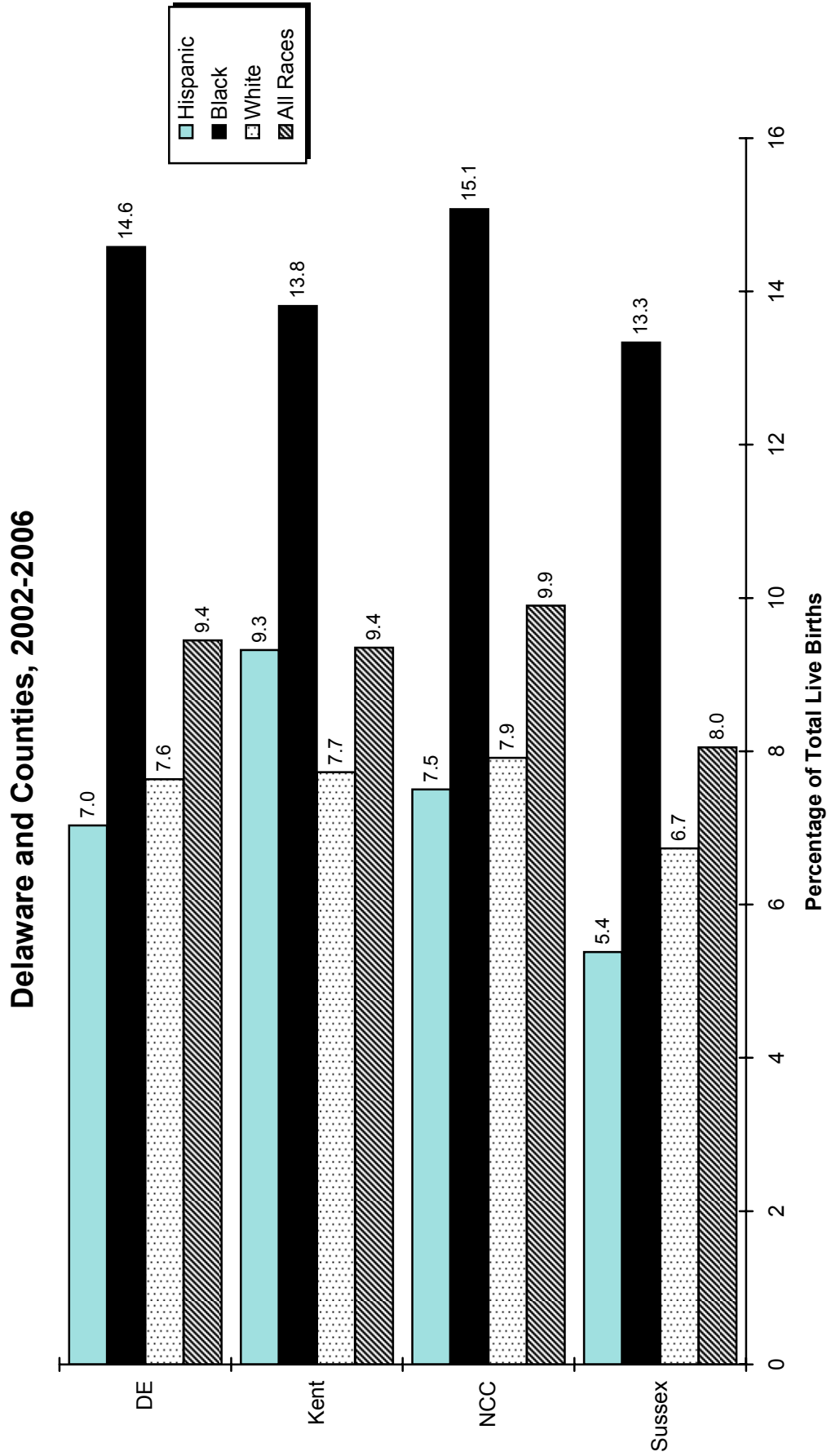
**Figure C-11**  
**Five-Year Average Percentage of Low Birthweight**  
**Births (<2500 Grams) by Race and Hispanic Origin\***



**Note:**  
 \*People of Hispanic origin may be of any race.  
**Source:**  
 Delaware Health Statistics Center



**Figure C-12**  
**Five-Year Average Percentage of Low Birthweight Births (<2500 Grams) by Race and Hispanic Origin\***



**Note:**  
 \*People of Hispanic origin may be of any race.  
**Source:**  
 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, 1987-2006

(ALL RACES)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	N/A
<20	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	N/A
20-24	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	N/A
25-29	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	N/A
30+	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	N/A
<b>Delaware</b>	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.9	1.8	1.9	1.9	1.9	1.9	2.0
<20	2.6	2.5	2.4	2.4	2.4	2.3	2.2	2.2	2.3	2.4	2.4	2.5	2.5	2.2	2.4	2.4
20-24	1.8	1.8	1.7	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.0	1.9	1.9	1.8	1.9	1.9
25-29	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.5	1.6	1.7	1.7	1.7	1.8
30+	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.8	1.8	2.0	1.9	2.0	2.0
<b>Kent</b>	1.6	1.6	1.4	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.8	1.8	1.9	2.0	1.9	1.8
<20	1.9	2.2	2.1	2.3	2.6	2.4	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7	2.1	2.2
20-24	1.7	1.7	1.4	1.3	1.3	1.2	1.6	1.6	1.6	1.7	1.8	1.6	2.1	2.2	2.2	2.1
25-29	1.0	0.9	0.9	1.0	1.1	1.2	1.5	1.5	1.7	1.6	1.7	1.5	1.8	1.9	1.8	1.5
30+	1.9	2.0	1.8	1.6	1.6	1.6	1.7	1.8	2.0	2.1	2.0	2.2	2.0	1.9	1.7	1.7
<b>New Castle</b>	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.1
<20	3.1	2.8	2.9	2.8	2.5	2.5	2.2	2.1	2.4	2.5	2.6	2.8	2.8	2.6	2.8	2.8
20-24	1.8	1.8	1.9	1.8	1.8	2.1	2.0	2.1	2.4	2.5	2.3	2.2	2.1	1.8	1.9	1.9
25-29	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.6	1.5	1.6	1.6	1.6	1.7	1.8
30+	1.6	1.6	1.7	1.6	1.5	1.5	1.6	1.5	1.6	1.7	1.7	1.8	2.1	2.0	2.1	2.2
Wilmington	3.2	3.1	3.1	2.9	2.8	2.9	2.8	2.8	2.9	3.0	3.0	3.1	3.1	2.9	3.0	3.1
<20	4.0	3.6	3.2	3.2	3.0	2.9	2.7	2.8	3.2	3.2	3.2	3.5	3.2	2.7	2.7	2.8
20-24	3.2	2.9	3.1	2.3	2.3	2.9	2.9	2.9	3.3	3.5	3.3	3.3	3.5	3.3	3.3	3.2
25-29	2.5	2.3	2.3	2.5	2.4	2.4	2.6	2.7	2.7	2.6	2.4	2.5	2.4	2.7	3.1	3.5
30+	3.5	3.8	3.8	3.9	3.4	3.1	2.9	2.8	2.4	2.6	2.9	2.8	3.0	2.9	2.9	2.7
Balance of NC County	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.7	1.7	1.7	1.7	1.8	1.7	1.8	1.9
<20	2.5	2.3	2.6	2.5	2.2	2.2	1.9	1.7	1.9	2.1	2.2	2.5	2.6	2.6	2.9	2.8
20-24	1.2	1.4	1.5	1.7	1.6	1.7	1.7	1.9	2.1	2.1	2.0	1.9	1.6	1.4	1.4	1.5
25-29	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.5	1.4	1.4	1.5
30+	1.3	1.3	1.4	1.2	1.2	1.3	1.5	1.4	1.5	1.6	1.6	1.7	2.0	1.9	2.0	2.1
<b>Sussex</b>	1.5	1.5	1.3	1.2	1.4	1.4	1.5	1.6	1.6	1.7	1.6	1.7	1.6	1.6	1.6	1.7
<20	1.9	1.8	1.5	1.6	1.9	1.9	2.3	2.5	2.6	2.6	2.4	2.3	2.3	1.9	1.6	1.7
20-24	1.9	1.7	1.5	1.4	1.4	1.4	1.5	1.6	1.6	1.6	1.4	1.5	1.4	1.4	1.5	1.6
25-29	1.3	1.2	1.3	1.2	1.3	1.4	1.3	1.3	1.3	1.4	1.3	1.6	1.8	1.8	1.9	1.9
30+	1.0	1.2	0.9	0.9	1.0	1.0	1.2	1.4	1.4	1.5	1.8	1.6	1.4	1.5	1.5	1.5

FYAVLBW1

**Note:**

N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
 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, 1987-2006

(WHITE)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	N/A
<20	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	N/A
20-24	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	N/A
25-29	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	N/A
30+	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	N/A
<b>Delaware</b>	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.4
<20	1.7	1.8	1.7	1.6	1.7	1.6	1.4	1.3	1.5	1.7	1.7	1.9	2.0	1.8	1.9	1.8
20-24	1.1	1.1	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.5	1.3	1.2	1.3
25-29	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.1	1.0	1.2	1.3	1.3	1.3	1.3
30+	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5
<b>Kent</b>	1.0	1.1	1.0	1.1	1.2	1.3	1.3	1.3	1.2	1.3	1.2	1.4	1.5	1.6	1.4	1.4
<20	1.1	1.6	1.7	2.0	2.3	2.5	2.0	2.0	1.8	1.6	1.4	1.6	1.3	1.1	1.3	1.5
20-24	1.0	1.0	0.7	0.8	0.9	0.9	1.1	1.1	0.9	1.0	1.2	1.3	1.7	1.8	1.6	1.7
25-29	0.7	0.8	0.9	0.9	1.0	1.3	1.3	1.3	1.2	1.3	1.2	1.3	1.4	1.6	1.4	1.1
30+	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.2	1.2	1.3	1.3	1.7	1.5	1.5	1.3	1.3
<b>New Castle</b>	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5
<20	2.1	2.1	2.0	1.9	1.8	1.6	1.3	1.2	1.4	1.7	1.9	2.0	2.3	2.2	2.3	2.0
20-24	1.0	1.0	0.9	1.0	1.1	1.1	1.2	1.2	1.5	1.5	1.5	1.5	1.4	1.1	1.1	1.2
25-29	0.8	0.8	0.9	0.8	1.0	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.1	1.1	1.2	1.4
30+	1.2	1.2	1.2	1.1	1.1	1.1	1.3	1.2	1.3	1.3	1.2	1.3	1.5	1.5	1.6	1.6
Wilmington	1.6	1.6	1.4	1.5	1.4	1.3	1.5	1.8	1.9	2.1	2.0	1.8	1.7	1.3	1.2	1.4
<20	3.7	3.8	2.3	2.4	2.1	2.1	1.2	1.4	1.8	2.4	2.6	2.8	2.7	2.0	1.4	1.0
20-24	1.3	1.0	1.0	1.1	1.3	1.5	1.7	2.2	2.4	2.9	2.8	2.8	2.3	1.7	1.3	1.8
25-29	0.7	0.7	0.7	1.1	1.2	1.0	1.4	1.5	1.5	1.5	1.4	1.3	2.0	1.4	1.6	2.1
30+	1.8	1.9	1.7	1.8	1.2	1.0	1.6	1.9	1.8	1.9	1.7	1.1	0.9	0.7	0.8	0.8
Balance of NC County	1.0	1.0	1.1	1.0	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.3	1.4	1.4	1.5	1.5
<20	1.8	1.7	1.9	1.8	1.8	1.5	1.3	1.2	1.3	1.6	1.8	1.9	2.2	2.2	2.5	2.2
20-24	0.9	1.0	0.9	1.0	1.0	1.1	1.1	1.1	1.4	1.4	1.3	1.3	1.3	1.1	1.0	1.1
25-29	0.8	0.9	0.9	0.8	1.0	1.1	1.1	1.2	1.2	1.1	0.9	1.0	1.0	1.1	1.2	1.3
30+	1.1	1.1	1.1	1.0	1.0	1.1	1.2	1.1	1.2	1.2	1.2	1.3	1.5	1.5	1.6	1.7
<b>Sussex</b>	1.1	1.0	0.9	0.8	1.0	1.0	1.1	1.3	1.4	1.4	1.4	1.5	1.5	1.3	1.3	1.3
<20	1.2	1.2	0.8	0.4	0.8	0.8	1.1	1.2	1.6	1.7	1.7	1.8	2.1	1.6	1.4	1.7
20-24	1.6	1.2	0.9	0.9	1.0	1.1	1.3	1.6	1.6	1.6	1.4	1.5	1.3	1.2	1.1	1.1
25-29	0.9	0.8	0.9	0.9	1.0	1.1	1.0	1.0	1.0	1.0	0.9	1.4	1.6	1.5	1.4	1.4
30+	0.7	0.9	0.8	0.8	0.9	0.9	1.2	1.4	1.4	1.4	1.6	1.4	1.2	1.2	1.3	1.3

FYAVLBW2

**Notes:**

1. 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
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
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, 1987-2006

(BLACK)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	N/A
<20	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	N/A
20-24	2.6	2.6	2.7	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	N/A
25-29	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.0	3.0	3.0	N/A
30+	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	N/A
<b>Delaware</b>	3.5	3.4	3.5	3.4	3.2	3.2	3.3	3.3	3.5	3.6	3.6	3.4	3.5	3.3	3.5	3.6
<20	3.6	3.2	3.2	3.3	3.2	3.1	3.1	3.1	3.3	3.2	3.3	3.3	3.2	2.8	3.1	3.2
20-24	3.2	3.3	3.5	3.1	2.9	3.1	3.2	3.2	3.5	3.6	3.4	3.0	3.0	2.9	3.2	3.2
25-29	3.3	3.0	3.2	3.2	3.0	3.0	3.3	3.3	3.6	3.7	3.6	3.3	3.3	3.4	3.4	3.5
30+	4.1	4.4	4.4	4.2	4.1	4.0	3.8	3.6	3.7	3.9	4.2	4.3	4.5	4.4	4.2	4.4
<b>Kent</b>	3.3	3.2	2.9	2.6	2.6	2.3	2.8	2.9	3.5	3.6	3.8	3.1	3.4	3.3	3.5	3.3
<20	3.2	3.2	2.8	2.8	3.0	2.4	1.9	2.0	2.1	2.3	2.7	2.3	2.7	2.5	3.1	3.1
20-24	3.6	3.5	3.3	2.9	2.5	2.2	3.1	2.9	3.5	3.6	3.5	2.7	3.2	3.1	3.6	3.2
25-29	2.1	1.4	1.4	1.3	1.4	1.1	2.0	2.5	3.4	3.2	3.8	2.8	3.5	3.2	3.4	3.3
30+	4.6	5.1	4.2	3.5	3.8	3.9	4.4	4.8	5.1	5.4	5.5	5.1	4.7	4.5	3.8	3.7
<b>New Castle</b>	3.8	3.7	4.0	3.9	3.6	3.8	3.6	3.5	3.7	3.8	3.8	3.7	3.7	3.5	3.6	3.7
<20	4.1	3.6	3.7	3.7	3.2	3.4	3.1	3.0	3.3	3.2	3.3	3.6	3.3	3.0	3.3	3.6
20-24	3.4	3.4	3.9	3.4	3.2	3.7	3.6	3.8	4.0	4.1	3.8	3.5	3.2	3.1	3.2	3.2
25-29	3.6	3.5	3.6	3.8	3.5	3.5	3.8	3.6	3.8	3.8	3.7	3.5	3.5	3.5	3.3	3.4
30+	4.3	4.6	5.0	4.9	4.6	4.5	4.2	3.7	3.7	3.9	4.2	4.3	4.7	4.4	4.4	4.7
Wilmington	4.2	3.9	4.0	3.7	3.6	3.8	3.6	3.4	3.5	3.6	3.6	3.8	3.9	4.0	4.2	4.2
<20	4.0	3.5	3.4	3.4	3.2	3.1	3.0	3.1	3.5	3.4	3.4	3.7	3.4	2.9	3.1	3.5
20-24	4.0	3.7	3.9	2.9	2.7	3.5	3.5	3.2	3.7	3.8	3.6	3.5	4.0	3.9	4.1	3.8
25-29	3.8	3.4	3.4	3.5	3.4	3.6	3.7	3.7	3.6	3.5	3.0	3.3	2.7	3.7	4.2	4.7
30+	5.5	5.9	6.2	6.2	5.9	5.7	4.5	3.8	3.3	3.6	4.5	5.2	5.9	5.9	5.8	5.3
Balance of NC County	3.2	3.4	4.0	4.0	3.6	3.7	3.7	3.7	3.9	4.0	3.9	3.7	3.5	3.2	3.2	3.4
<20	4.2	3.7	4.2	4.2	3.4	3.8	3.2	2.9	3.1	3.1	3.1	3.6	3.2	3.1	3.5	3.8
20-24	2.5	3.1	3.9	4.1	3.6	4.0	3.8	4.4	4.4	4.5	4.1	3.5	2.4	2.3	2.5	2.6
25-29	3.4	3.6	3.9	4.1	3.7	3.5	3.8	3.6	3.9	4.0	4.2	3.7	3.9	3.4	2.9	2.8
30+	3.2	3.4	4.0	3.7	3.5	3.7	4.0	3.7	4.0	4.1	4.0	3.9	4.3	3.9	3.9	4.4
<b>Sussex</b>	2.6	2.6	2.5	2.4	2.5	2.3	2.5	2.7	2.6	2.6	2.6	2.6	2.5	2.7	3.0	3.1
<20	2.5	2.3	2.3	2.8	3.1	3.1	3.8	4.1	4.1	3.9	3.8	3.4	3.1	2.7	2.3	1.9
20-24	2.4	2.7	2.6	2.3	2.3	2.0	1.9	1.7	1.8	1.6	1.7	1.7	1.8	2.1	2.8	3.2
25-29	3.1	2.7	3.0	2.6	2.6	2.5	2.8	2.9	2.8	3.4	2.8	2.7	2.5	2.9	3.9	4.0
30+	2.5	3.0	1.6	1.5	1.8	1.4	0.9	1.4	1.5	1.4	2.4	3.2	3.0	3.8	3.3	3.2

FYAVLBW3

**Notes:**

1. 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.
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE C-31  
FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1500 GRAMS) BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2006

(HISPANIC ORIGIN\*)

Area/ Age	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	N/A
<20	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	N/A
20-24	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	N/A
25-29	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	N/A
30+	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	N/A
<b>Delaware</b>	1.6	1.5	1.5	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.6	1.3	1.3	1.3
<20	2.2	2.1	1.9	1.2	0.9	0.8	1.3	2.0	2.8	2.4	2.6	2.2	1.9	1.3
20-24	1.4	1.0	1.1	1.2	1.2	1.1	1.4	1.4	1.0	1.1	1.1	0.8	0.8	0.8
25-29	0.4	0.6	1.4	1.3	1.7	1.6	1.7	1.3	1.5	1.6	1.6	1.4	1.4	1.3
30+	3.2	3.2	2.0	1.5	1.6	1.6	1.7	1.6	1.5	1.6	1.6	1.4	1.6	1.8
<b>Kent</b>	0.4	0.4	0.7	1.0	1.0	1.2	1.1	1.0	0.5	0.9	0.8	0.7	1.2	1.4
<20	2.1	1.7	3.1	1.4	1.5	1.4	1.5	0.0	0.0	0.0	0.0	0.0	2.7	2.5
20-24	0.0	0.0	0.0	1.7	1.6	1.6	1.6	2.1	0.7	0.6	1.2	0.9	0.4	1.2
25-29	0.0	0.0	0.0	0.0	0.0	1.3	1.1	0.9	0.8	2.1	1.3	1.3	2.0	1.7
30+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.6
<b>New Castle</b>	2.1	2.0	1.9	1.5	1.7	1.6	1.9	1.9	2.0	1.9	1.9	1.6	1.6	1.5
<20	2.2	2.4	1.9	1.3	1.0	1.0	1.7	2.7	3.7	3.2	3.4	3.0	2.3	1.6
20-24	2.0	1.5	1.8	1.5	1.6	1.5	1.6	1.5	1.3	1.3	1.1	1.0	1.0	1.0
25-29	0.6	0.8	1.6	1.4	2.1	1.8	2.1	1.7	2.1	1.7	1.8	1.2	1.2	1.1
30+	4.2	4.1	2.5	2.0	2.1	2.1	2.3	1.8	1.6	1.9	2.0	1.8	2.2	2.4
<b>Wilmington</b>	2.6	2.6	2.1	1.8	1.9	1.8	2.3	2.3	2.4	2.1	1.9	1.2	1.1	1.4
<20	2.8	3.5	2.9	2.4	1.5	1.6	2.1	3.0	3.6	3.8	3.2	2.2	1.3	0.8
20-24	2.3	1.5	1.9	1.7	1.8	2.1	2.3	2.2	2.0	1.9	1.4	1.1	1.1	1.5
25-29	0.8	1.5	2.1	2.0	3.3	2.3	3.2	2.6	2.7	2.1	2.5	1.2	1.1	1.8
30+	5.8	5.7	1.1	0.0	1.0	0.9	1.5	1.3	1.2	0.5	0.5	0.0	1.0	1.4
<b>Balance of NC County</b>	1.6	1.5	1.7	1.3	1.6	1.4	1.6	1.6	1.8	1.8	1.9	1.7	1.7	1.5
<20	0.9	0.7	0.6	0.0	0.5	0.5	1.3	2.5	3.8	2.9	3.6	3.4	2.8	2.0
20-24	1.7	1.5	1.7	1.3	1.5	1.1	1.2	1.2	1.0	1.0	1.0	0.9	1.0	0.8
25-29	0.5	0.5	1.2	1.0	1.5	1.5	1.6	1.4	1.8	1.5	1.5	1.2	1.2	0.9
30+	3.3	3.3	3.2	2.9	2.5	2.6	2.6	2.0	1.7	2.3	2.5	2.2	2.5	2.6
<b>Sussex</b>	0.7	0.5	0.7	1.0	0.7	0.7	0.8	0.9	0.8	1.0	1.1	1.0	0.8	0.8
<20	2.0	1.4	1.1	0.9	0.0	0.0	0.0	0.7	1.1	1.0	1.3	1.2	0.7	0.3
20-24	0.0	0.0	0.0	0.6	0.5	0.5	0.9	0.9	0.4	0.8	0.9	0.5	0.5	0.5
25-29	0.0	0.0	1.6	1.8	1.4	1.2	1.0	0.6	0.5	1.2	1.5	1.6	1.5	1.5
30+	2.0	1.7	1.3	1.0	0.8	0.8	0.7	1.7	1.6	1.2	1.0	0.8	0.4	0.8

FYAVLBW4

**Notes:**

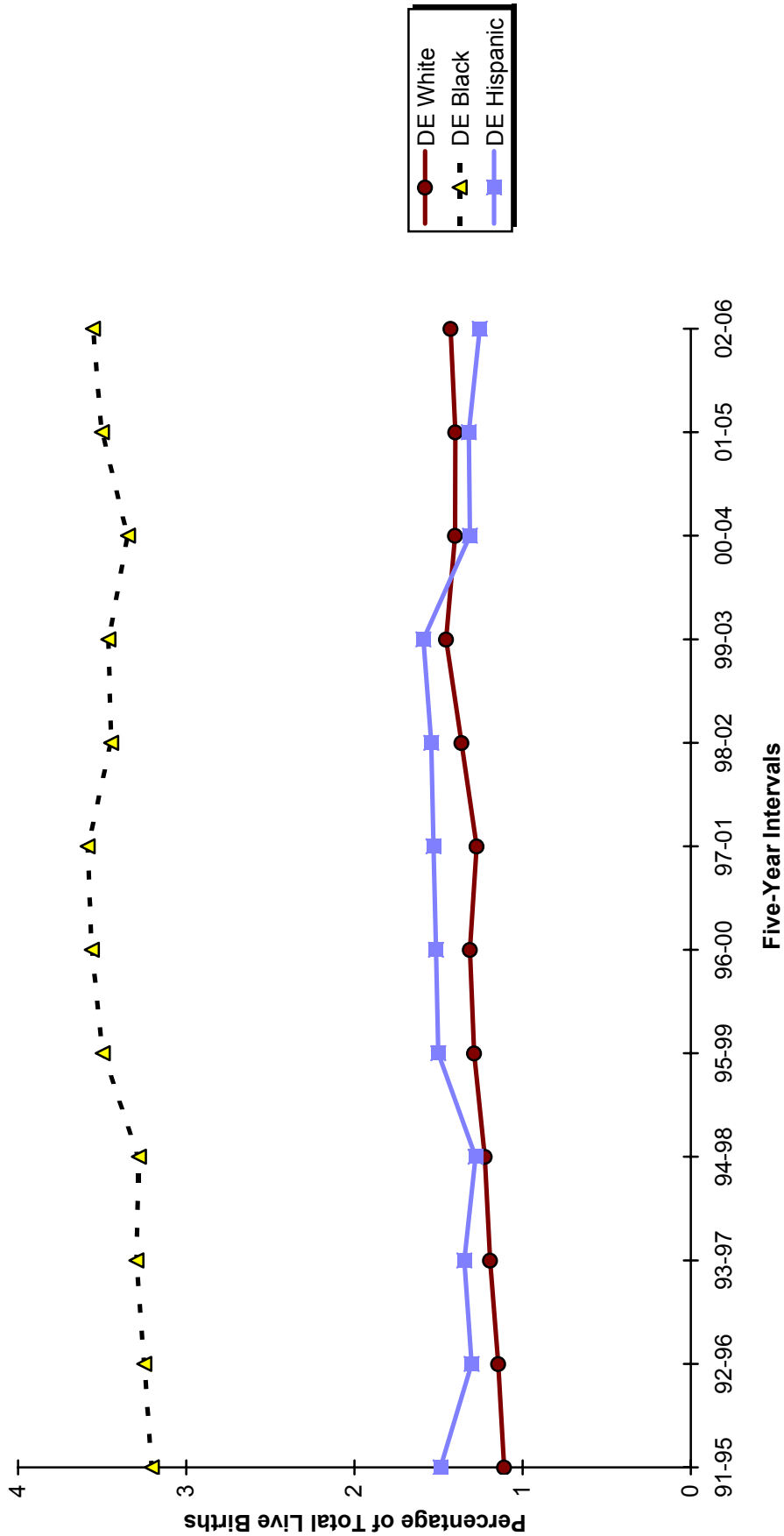
- \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
- Percentages in this table should be interpreted with caution due to small numbers.
- N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

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

**Delaware, 1991-2006**



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

**Figure C-14**  
**Five-Year Average Percentage of**  
**Very Low Birthweight Births (<1500 Grams) by Race**

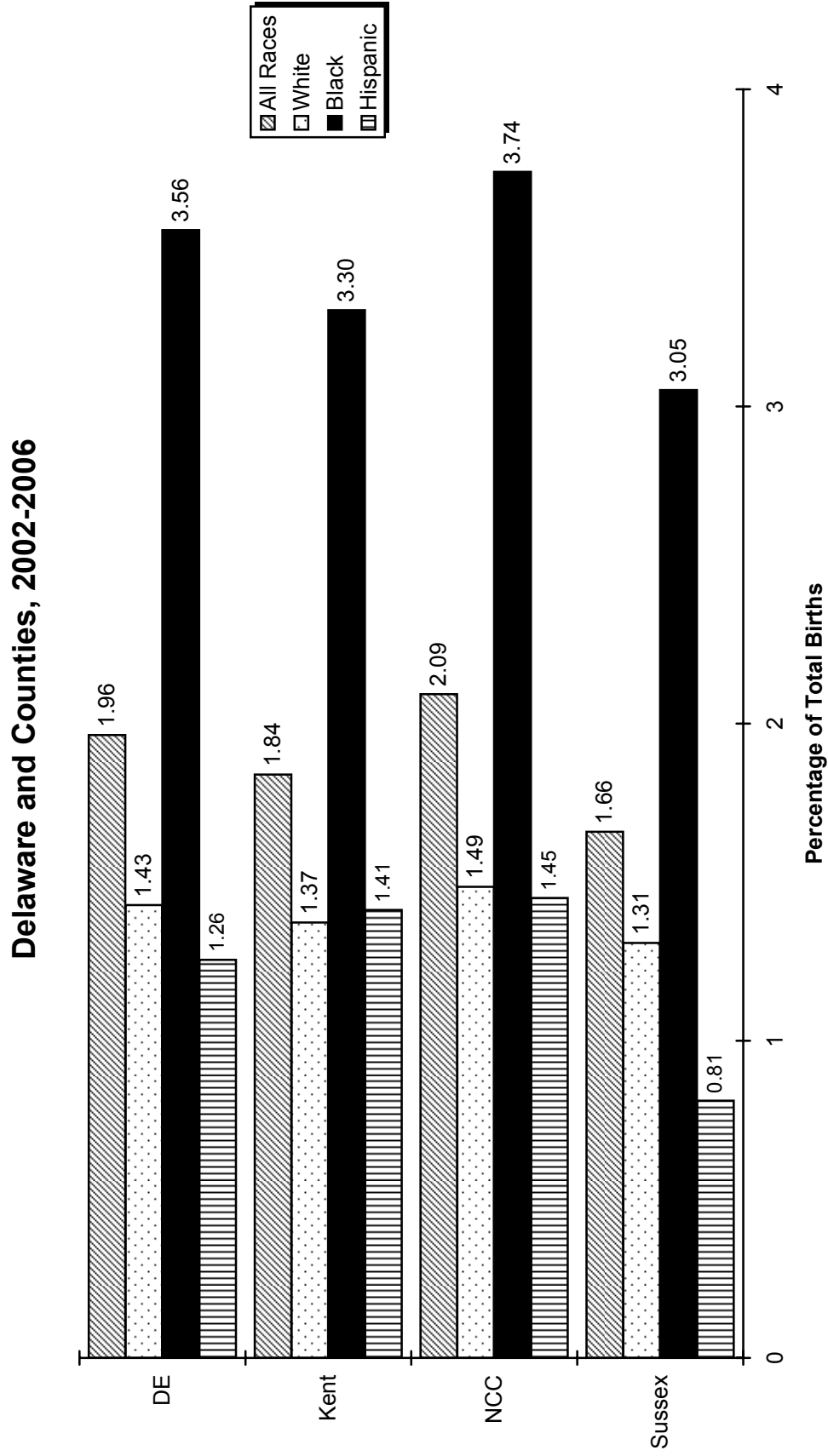


TABLE C-32  
NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND AGE OF MOTHER  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Birthweight	Age								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
<b>Delaware</b>	11898	25	386	870	3057	3226	2698	1372	264
<2500	1112	5	46	90	308	251	245	133	34
<1500	237	0	9	27	57	56	51	29	8
<500	35	0	1	4	9	14	4	3	0
500-749	36	0	0	3	9	12	7	4	1
750-999	42	0	4	5	6	10	10	4	3
1000-1499	124	0	4	15	33	20	30	18	4
1500-1999	212	2	10	13	62	39	50	32	4
2000-2499	663	3	27	50	189	156	144	72	22
2500+	10779	20	340	777	2749	2973	2451	1239	230
Unknown	7	0	0	3	0	2	2	0	0
<b>Kent</b>	2233	2	69	175	679	625	430	213	40
<2500	203	0	9	19	69	40	44	17	5
<1500	34	0	2	4	12	6	4	4	2
<500	6	0	0	1	3	0	1	1	0
500-749	3	0	0	1	1	1	0	0	0
750-999	7	0	1	0	2	2	1	0	1
1000-1499	18	0	1	2	6	3	2	3	1
1500-1999	38	0	0	5	12	7	9	3	2
2000-2499	131	0	7	10	45	27	31	10	1
2500+	2028	2	60	156	610	585	384	196	35
Unknown	2	0	0	0	0	0	2	0	0
<b>New Castle</b>	7299	17	235	464	1652	1953	1840	955	183
<2500	715	5	29	51	178	164	169	95	24
<1500	163	0	5	17	37	39	41	20	4
<500	25	0	1	0	5	14	3	2	0
500-749	26	0	0	2	6	9	7	2	0
750-999	26	0	2	5	3	4	8	2	2
1000-1499	86	0	2	10	23	12	23	14	2
1500-1999	139	2	7	6	34	28	32	28	2
2000-2499	413	3	17	28	107	97	96	47	18
2500+	6580	12	206	411	1474	1787	1671	860	159
Unknown	4	0	0	2	0	2	0	0	0
Wilmington	1339	8	83	152	422	317	202	135	20
<2500	176	4	11	24	59	39	18	15	6
<1500	48	0	1	11	15	11	5	5	0
<500	9	0	0	0	3	4	1	1	0
500-749	7	0	0	2	4	0	1	0	0
750-999	13	0	1	5	3	2	1	1	0
1000-1499	19	0	0	4	5	5	2	3	0
1500-1999	31	2	2	1	9	8	3	5	1
2000-2499	97	2	8	12	35	20	10	5	5
2500+	1162	4	72	127	363	278	184	120	14
Unknown	1	0	0	1	0	0	0	0	0
Balance of NC County	5960	9	152	312	1230	1636	1638	820	163
<2500	539	1	18	27	119	125	151	80	18
<1500	115	0	4	6	22	28	36	15	4
<500	16	0	1	0	2	10	2	1	0
500-749	19	0	0	0	2	9	6	2	0
750-999	13	0	1	0	0	2	7	1	2
1000-1499	67	0	2	6	18	7	21	11	2
1500-1999	108	0	5	5	25	20	29	23	1
2000-2499	316	1	9	16	72	77	86	42	13
2500+	5418	8	134	284	1111	1509	1487	740	145
Unknown	3	0	0	1	0	2	0	0	0
<b>Sussex</b>	2366	6	82	231	726	648	428	204	41
<2500	194	0	8	20	61	47	32	21	5
<1500	40	0	2	6	8	11	6	5	2
<500	4	0	0	3	1	0	0	0	0
500-749	7	0	0	0	2	2	0	2	1
750-999	9	0	1	0	1	4	1	2	0
1000-1499	20	0	1	3	4	5	5	1	1
1500-1999	35	0	3	2	16	4	9	1	0
2000-2499	119	0	3	12	37	32	17	15	3
2500+	2171	6	74	210	665	601	396	183	36
Unknown	1	0	0	1	0	0	0	0	0

**Notes:**

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

**Source:**

Delaware Health Statistics Center

AGEBRWT



TABLE C-33  
NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS, RACE AND HISPANIC ORIGIN OF MOTHER

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Birthweight	Race				Hispanic Origin*
	All Races	White	Black	Other	
<b>Delaware</b>	11898	8319	3021	552	1920
<2500	1112	612	455	45	128
<1500	237	108	121	8	20
<500	35	15	19	1	4
500-749	36	18	18	0	0
750-999	42	14	26	2	0
1000-1499	124	61	58	5	16
1500-1999	212	135	71	6	26
2000-2499	663	369	263	31	82
2500+	10779	7701	2565	507	1786
Unknown	7	6	1	0	6
<b>Kent</b>	2233	1574	579	77	169
<2500	203	124	73	6	10
<1500	34	17	17	0	2
<500	6	3	3	0	2
500-749	3	0	3	0	0
750-999	7	3	4	0	0
1000-1499	18	11	7	0	0
1500-1999	38	29	8	1	2
2000-2499	131	78	48	5	6
2500+	2028	1448	506	71	157
Unknown	2	2	0	0	2
<b>New Castle</b>	7299	4841	2026	429	1183
<2500	715	354	328	33	84
<1500	163	64	93	6	14
<500	25	9	15	1	2
500-749	26	11	15	0	0
750-999	26	5	20	1	0
1000-1499	86	39	43	4	12
1500-1999	139	77	57	5	15
2000-2499	413	213	178	22	55
2500+	6580	4484	1697	396	1096
Unknown	4	3	1	0	3
Wilmington	1339	496	820	23	266
<2500	176	38	136	2	26
<1500	48	8	40	0	6
<500	9	0	9	0	1
500-749	7	2	5	0	0
750-999	13	1	12	0	0
1000-1499	19	5	14	0	5
1500-1999	31	11	20	0	4
2000-2499	97	19	76	2	16
2500+	1162	457	684	21	239
Unknown	1	1	0	0	1
Balance of NC County	5960	4345	1206	406	917
<2500	539	316	192	31	58
<1500	115	56	53	6	8
<500	16	9	6	1	1
500-749	19	9	10	0	0
750-999	13	4	8	1	0
1000-1499	67	34	29	4	7
1500-1999	108	66	37	5	11
2000-2499	316	194	102	20	39
2500+	5418	4027	1013	375	857
Unknown	3	2	1	0	2
<b>Sussex</b>	2366	1904	416	46	568
<2500	194	134	54	6	34
<1500	40	27	11	2	4
<500	4	3	1	0	0
500-749	7	7	0	0	0
750-999	9	6	2	1	0
1000-1499	20	11	8	1	4
1500-1999	35	29	6	0	9
2000-2499	119	78	37	4	21
2500+	2171	1769	362	40	533
Unknown	1	1	0	0	1

**Notes:**

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

**Source:**

Delaware Health Statistics Center

RACEBRWT

TABLE C-34  
NUMBER OF LIVE BIRTHS BY RACE AND HISPANIC ORIGIN OF MOTHER, WEEKS OF GESTATION AND AGE OF MOTHER

DELAWARE, 2006

Race-Origin/ Weeks	Age						
	Total	<20	20-24	25-29	30-34	35-39	40+
<b>All Races</b>	11898	1281	3057	3226	2698	1372	264
<20 Weeks	12	3	3	4	1	1	0
20-27 Weeks	86	14	25	21	13	9	4
28-31 Weeks	195	34	50	42	40	22	7
32-35 Weeks	762	98	216	164	173	89	22
36 Weeks	575	56	156	141	123	85	14
37-39 Weeks	6153	555	1441	1713	1506	789	149
40 Weeks	2287	265	630	599	518	233	42
41 Weeks	1005	135	289	309	175	80	17
42+ Weeks	819	119	247	233	147	64	9
Unknown	4	2	0	0	2	0	0
<b>White</b>	8319	743	1965	2356	2046	1021	188
<20 Weeks	6	3	1	2	0	0	0
20-27 Weeks	36	1	14	9	6	3	3
28-31 Weeks	110	18	28	25	26	10	3
32-35 Weeks	492	55	131	118	109	65	14
36 Weeks	387	31	95	99	92	59	11
37-39 Weeks	4356	321	908	1248	1160	610	109
40 Weeks	1619	165	408	445	406	166	29
41 Weeks	746	78	207	243	137	69	12
42+ Weeks	563	69	173	167	108	39	7
Unknown	4	2	0	0	2	0	0
<b>Black</b>	3021	523	1015	690	473	260	60
<20 Weeks	6	0	2	2	1	1	0
20-27 Weeks	46	13	10	10	6	6	1
28-31 Weeks	79	16	22	15	11	11	4
32-35 Weeks	239	40	79	40	53	22	5
36 Weeks	166	23	59	36	27	18	3
37-39 Weeks	1499	226	493	368	242	136	34
40 Weeks	535	100	199	114	75	40	7
41 Weeks	225	56	78	51	28	8	4
42+ Weeks	226	49	73	54	30	18	2
Unknown	0	0	0	0	0	0	0
<b>Other</b>	552	14	77	180	178	88	15
<20 Weeks	0	0	0	0	0	0	0
20-27 Weeks	4	0	1	2	1	0	0
28-31 Weeks	6	0	0	2	3	1	0
32-35 Weeks	31	3	6	6	11	2	3
36 Weeks	22	2	2	6	4	8	0
37-39 Weeks	294	7	40	97	104	41	5
40 Weeks	132	0	23	40	36	27	6
41 Weeks	33	1	4	15	10	2	1
42+ Weeks	30	1	1	12	9	7	0
Unknown	0	0	0	0	0	0	0
<b>Hispanic Origin*</b>	1920	290	614	551	310	123	32
<20 Weeks	1	0	0	1	0	0	0
20-27 Weeks	7	0	4	2	1	0	0
28-31 Weeks	26	5	6	12	2	1	0
32-35 Weeks	142	25	45	30	32	5	5
36 Weeks	101	16	31	25	19	7	3
37-39 Weeks	913	125	272	273	154	75	14
40 Weeks	389	71	130	108	53	20	7
41 Weeks	185	25	67	57	25	9	2
42+ Weeks	152	21	59	43	22	6	1
Unknown	4	2	0	0	2	0	0

NGESRCAG

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-35  
NUMBER OF LIVE BIRTHS BY RACE AND HISPANIC ORIGIN OF MOTHER, BIRTHWEIGHT AND WEEKS OF GESTATION  
DELAWARE, 2006

Race-Origin/ Birthweight	Weeks of Gestation									
	Total	Preterm				Term			Postterm	Unknown
		<28 Weeks	28-31 Weeks	32-35 Weeks	36 Weeks	37-39 Weeks	40 Weeks	41 Weeks	42+ Weeks	
<b>All Races</b>	11898	98	195	762	575	6153	2287	1005	819	4
<500	35	34	1	0	0	0	0	0	0	0
500-999	78	45	24	1	0	7	1	0	0	0
1000-1499	124	10	61	32	5	10	4	1	1	0
1500-1999	212	3	42	107	15	32	4	1	8	0
2000-2499	663	1	14	222	100	245	43	21	17	0
2500-2999	2194	5	17	190	186	1254	284	112	146	0
3000-3499	4547	0	19	129	189	2599	924	371	316	0
3500-3999	3079	0	17	62	68	1541	775	367	249	0
4000-4499	822	0	0	17	9	403	215	108	70	0
4500+	137	0	0	2	3	60	36	24	12	0
Unknown	7	0	0	0	0	2	1	0	0	4
<b>White</b>	8319	42	110	492	387	4356	1619	746	563	4
<500	15	15	0	0	0	0	0	0	0	0
500-999	32	18	9	1	0	3	1	0	0	0
1000-1499	61	6	29	17	2	4	3	0	0	0
1500-1999	135	1	32	67	13	17	1	0	4	0
2000-2499	369	0	7	136	48	129	25	14	10	0
2500-2999	1323	2	9	133	128	751	157	71	72	0
3000-3499	3174	0	10	79	136	1834	646	255	214	0
3500-3999	2400	0	14	47	49	1226	580	290	194	0
4000-4499	687	0	0	11	8	343	175	93	57	0
4500+	117	0	0	1	3	48	30	23	12	0
Unknown	6	0	0	0	0	1	1	0	0	4
<b>Black</b>	3021	52	79	239	166	1499	535	225	226	0
<500	19	18	1	0	0	0	0	0	0	0
500-999	44	25	15	0	0	4	0	0	0	0
1000-1499	58	4	31	14	1	6	1	0	1	0
1500-1999	71	1	9	38	2	13	3	1	4	0
2000-2499	263	1	6	75	49	103	15	7	7	0
2500-2999	737	3	8	52	51	421	102	37	63	0
3000-3499	1156	0	6	40	46	634	237	99	94	0
3500-3999	552	0	3	13	16	262	144	68	46	0
4000-4499	102	0	0	6	1	45	27	12	11	0
4500+	18	0	0	1	0	10	6	1	0	0
Unknown	1	0	0	0	0	1	0	0	0	0
<b>Other</b>	552	4	6	31	22	294	132	33	30	0
<500	1	1	0	0	0	0	0	0	0	0
500-999	2	2	0	0	0	0	0	0	0	0
1000-1499	5	0	1	1	2	0	0	1	0	0
1500-1999	6	1	1	2	0	2	0	0	0	0
2000-2499	31	0	1	11	3	13	3	0	0	0
2500-2999	133	0	0	5	7	81	25	4	11	0
3000-3499	215	0	3	10	7	129	41	17	8	0
3500-3999	126	0	0	2	3	52	51	9	9	0
4000-4499	31	0	0	0	0	15	12	2	2	0
4500+	2	0	0	0	0	2	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Hispanic Origin*</b>	1920	8	26	142	101	913	389	185	152	4
<500	4	4	0	0	0	0	0	0	0	0
500-999	0	0	0	0	0	0	0	0	0	0
1000-1499	16	2	7	5	0	1	1	0	0	0
1500-1999	26	1	8	12	3	1	1	0	0	0
2000-2499	82	0	2	26	15	28	7	3	1	0
2500-2999	357	1	2	45	37	188	45	23	16	0
3000-3499	779	0	3	30	34	410	167	73	62	0
3500-3999	495	0	4	20	11	215	123	64	58	0
4000-4499	133	0	0	4	1	58	38	20	12	0
4500+	22	0	0	0	0	11	6	2	3	0
Unknown	6	0	0	0	0	1	1	0	0	4

GESTWGT

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-36  
 FIVE-YEAR AVERAGE PERCENTAGE OF BIRTHS TO MOTHERS BEGINNING PRENATAL CARE IN THE FIRST TRIMESTER  
 BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1987-2006

(ALL RACES)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	74.2	74.6	75.2	76.1	77.1	78.1	79.0	79.7	80.2	80.5	80.8	81.1	80.6	77.6	72.7	N/A
<20	52.7	53.9	55.5	57.5	59.7	61.7	63.3	64.5	65.3	65.8	66.3	66.7	66.7	64.7	60.5	N/A
20-24	67.8	68.0	68.6	69.7	71.0	72.4	73.5	74.4	75.0	75.3	75.6	76.0	75.6	72.9	68.2	N/A
25-29	80.4	80.4	80.7	81.2	81.8	82.5	83.1	83.6	83.9	84.0	84.2	84.3	83.5	80.2	74.8	N/A
30+	83.0	83.2	83.6	84.1	84.6	85.1	85.6	85.9	86.2	86.5	86.7	87.0	86.2	82.7	77.6	N/A
<b>Delaware</b>	77.9	78.6	79.0	80.0	81.2	82.3	82.6	82.9	83.0	83.1	83.9	84.9	85.1	85.4	84.7	82.0
<20	53.4	53.9	55.4	58.4	60.8	64.2	66.3	68.0	68.7	69.1	70.2	71.9	72.7	73.9	73.6	70.6
20-24	71.3	71.7	71.5	72.6	73.7	75.5	76.4	76.8	76.7	76.7	77.7	79.1	79.7	80.1	79.3	76.7
25-29	84.6	84.9	85.3	85.9	86.9	87.2	87.1	86.9	87.0	86.6	87.2	87.8	87.8	87.7	86.9	84.1
30+	87.6	88.1	88.1	88.5	89.1	89.4	89.0	88.9	88.9	89.4	90.3	90.9	90.8	90.9	90.0	87.5
<b>Kent</b>	73.5	73.7	72.0	70.7	71.0	69.7	68.0	68.2	69.3	69.4	71.1	72.8	74.8	76.6	77.7	75.2
<20	54.4	55.6	55.2	54.2	55.4	54.1	53.0	54.5	55.3	55.3	57.8	59.6	60.9	64.4	67.3	63.4
20-24	70.7	71.2	69.9	69.5	70.3	69.1	67.7	67.5	67.5	67.2	68.7	70.2	71.8	74.2	74.4	72.2
25-29	80.2	79.8	78.3	76.6	77.1	75.4	73.9	73.8	75.5	75.4	76.6	77.6	80.0	80.6	81.5	78.7
30+	80.8	80.3	76.9	74.5	73.7	72.6	70.2	70.5	72.1	73.1	75.2	77.5	80.2	81.0	82.3	80.0
<b>New Castle</b>	81.5	82.1	83.2	85.2	86.7	88.5	89.1	89.1	88.6	88.7	89.5	90.6	90.6	91.1	90.6	88.3
<20	55.8	56.4	58.9	63.7	67.2	72.2	74.5	75.6	76.0	76.1	77.2	79.8	80.8	82.2	82.1	79.3
20-24	74.2	74.4	75.2	77.2	78.9	81.9	83.6	84.0	83.3	83.5	84.3	86.2	86.5	87.4	87.1	84.9
25-29	87.2	87.4	88.4	89.8	91.0	92.2	92.3	91.9	91.5	91.2	91.7	92.4	92.3	92.6	92.2	89.9
30+	90.1	90.6	91.3	92.3	93.2	93.8	93.6	93.3	92.8	93.1	93.8	94.5	94.0	94.2	93.4	91.2
<b>Wilmington</b>	66.5	66.0	68.1	71.0	73.6	77.7	79.9	79.9	79.6	79.8	80.8	82.8	83.7	84.8	84.7	82.2
<20	48.6	49.1	52.2	57.0	61.0	67.9	69.6	70.2	71.3	70.7	72.1	75.7	77.6	78.9	79.5	76.1
20-24	62.9	61.7	63.4	65.9	68.4	73.8	77.7	78.3	77.9	79.1	79.6	81.7	82.0	83.5	83.6	81.0
25-29	74.4	73.3	75.5	78.0	80.2	83.1	84.8	83.8	83.4	82.9	83.9	85.3	86.2	86.9	86.4	83.3
30+	81.8	81.1	82.1	83.7	85.3	86.8	87.9	87.5	86.5	86.7	87.4	88.3	88.7	89.3	88.6	86.9
<b>Balance of NC County</b>	85.4	86.2	87.0	88.6	89.8	90.9	91.2	91.1	90.6	90.6	91.3	92.2	92.0	92.4	91.8	89.6
<20	61.0	61.7	63.9	68.6	71.6	75.1	77.8	79.2	78.8	79.3	80.1	82.1	82.6	84.0	83.5	81.0
20-24	78.2	79.0	79.4	81.2	82.5	84.7	85.5	85.8	85.1	85.0	86.0	87.7	88.1	88.6	88.3	86.1
25-29	89.6	90.1	90.7	92.0	92.9	93.7	93.5	93.2	92.8	92.5	92.9	93.6	93.3	93.5	93.2	91.1
30+	91.4	92.0	92.6	93.6	94.4	94.8	94.4	94.1	93.7	93.8	94.6	95.2	94.6	94.8	93.9	91.7
<b>Sussex</b>	68.3	69.4	69.4	69.7	70.4	71.5	73.3	74.5	75.7	76.1	76.7	76.4	75.9	74.4	71.7	68.0
<20	45.6	45.5	46.2	48.3	49.0	52.0	57.2	60.1	61.7	63.3	63.8	62.5	62.4	61.8	59.0	56.0
20-24	62.9	63.9	62.6	62.9	63.5	65.9	67.7	68.9	70.0	70.5	70.5	70.6	70.6	68.7	65.6	62.0
25-29	78.3	79.2	79.4	79.4	80.0	79.7	80.1	80.7	81.6	80.9	81.5	81.5	79.6	77.5	74.3	70.0
30+	80.3	81.7	82.0	81.5	82.1	82.1	83.2	83.8	84.6	85.6	86.2	85.4	84.7	83.5	81.3	77.5

**Note:**  
 N/A indicates data not available.

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

FYATR11

TABLE C-37  
 FIVE-YEAR AVERAGE PERCENTAGE OF BIRTHS TO MOTHERS BEGINNING PRENATAL CARE IN THE FIRST TRIMESTER  
 BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1987-2006

(WHITE)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	77.8	78.1	78.6	79.3	80.1	81.0	81.7	82.2	82.5	82.7	83.0	83.2	82.5	79.3	74.1	N/A
<20	55.9	57.1	58.7	60.6	62.7	64.6	66.2	67.3	68.0	68.5	68.9	69.3	69.1	67.1	62.6	N/A
20-24	71.1	71.2	71.7	72.6	73.7	74.9	75.8	76.5	77.0	77.2	77.5	77.8	77.3	74.5	69.5	N/A
25-29	83.1	83.2	83.4	83.8	84.3	84.8	85.2	85.5	85.7	85.8	85.8	85.9	85.0	81.5	75.9	N/A
30+	85.5	85.7	86.0	86.4	86.9	87.2	87.6	87.8	88.0	88.2	88.4	88.5	87.6	83.9	78.5	N/A
<b>Delaware</b>	84.2	84.8	84.9	85.6	86.2	86.7	86.5	86.5	86.4	86.5	87.1	87.8	87.9	87.9	86.7	83.7
<20	60.9	61.8	62.9	64.9	67.1	69.4	70.6	72.3	73.0	73.3	74.3	76.1	76.8	77.4	76.5	72.4
20-24	77.8	78.0	77.5	78.6	79.2	80.1	80.6	80.5	79.6	79.4	80.2	81.2	81.7	81.6	80.2	77.1
25-29	88.7	89.1	89.2	89.6	90.1	90.3	89.7	89.4	89.4	89.1	89.4	89.9	89.7	89.5	88.4	85.3
30+	90.7	91.2	91.0	91.1	91.3	91.3	90.8	90.7	90.7	91.1	92.0	92.5	92.4	92.4	91.4	88.9
<b>Kent</b>	78.9	78.6	76.5	74.7	74.6	73.0	71.3	71.5	72.5	72.5	74.0	75.6	77.5	79.1	80.2	77.9
<20	61.9	63.3	62.2	60.8	61.9	59.9	57.6	60.2	61.1	60.5	62.0	64.8	65.3	69.0	72.4	68.7
20-24	76.5	76.3	74.4	73.4	73.5	71.8	70.5	70.2	69.9	69.9	71.4	72.6	74.2	76.2	76.3	74.5
25-29	83.5	82.5	81.0	79.1	79.3	77.9	76.5	76.2	77.5	77.1	77.7	78.9	81.1	82.1	83.3	80.3
30+	83.8	83.2	79.7	76.7	75.4	73.8	71.8	72.3	74.1	75.1	77.7	79.4	81.9	82.6	83.7	81.7
<b>New Castle</b>	87.3	88.0	88.7	90.2	91.1	92.3	92.5	92.4	91.8	91.9	92.4	93.1	92.9	93.3	92.5	90.2
<20	63.3	63.9	65.9	69.9	73.0	76.7	78.7	79.9	80.1	80.7	81.3	83.3	84.6	85.8	85.0	81.7
20-24	80.4	80.4	80.6	82.7	83.7	86.2	87.6	87.8	86.3	86.5	86.9	88.2	88.3	88.8	88.3	85.9
25-29	90.8	91.5	92.2	93.5	94.1	94.9	94.7	94.2	93.8	93.7	94.0	94.4	93.9	94.2	93.7	91.5
30+	92.9	93.4	93.7	94.5	95.1	95.5	95.2	94.9	94.4	94.6	95.2	95.8	95.4	95.7	94.8	92.7
<b>Wilmington</b>	79.5	79.6	81.1	83.1	84.3	86.9	88.1	87.9	87.0	87.1	87.6	88.4	89.1	89.9	89.4	86.6
<20	54.8	54.9	58.0	61.9	66.1	72.1	74.5	73.1	74.5	74.6	74.5	77.0	83.3	84.2	82.6	78.7
20-24	69.2	67.1	69.5	72.6	74.2	79.5	83.1	82.4	80.0	80.8	81.4	81.9	83.1	84.7	85.5	82.5
25-29	85.4	85.3	87.3	89.2	89.8	92.2	91.6	91.3	90.2	90.4	90.4	91.4	90.0	90.5	89.7	86.9
30+	92.1	93.4	93.0	93.2	92.9	93.0	93.2	93.2	92.4	92.5	93.4	93.8	93.9	94.4	93.7	91.3
<b>Balance of NC County</b>	88.2	88.8	89.5	90.9	91.8	92.8	92.9	92.8	92.2	92.4	92.8	93.5	93.2	93.6	92.9	90.6
<20	65.1	65.8	67.7	71.7	74.4	77.7	79.6	81.1	81.0	81.8	82.4	84.4	84.8	86.0	85.5	82.3
20-24	81.7	82.1	82.0	83.9	84.9	87.0	88.1	88.4	87.1	87.2	87.6	89.0	89.0	89.4	88.7	86.3
25-29	91.3	92.0	92.6	93.8	94.4	95.1	94.9	94.5	94.1	93.9	94.3	94.7	94.3	94.5	94.1	91.9
30+	92.9	93.4	93.8	94.6	95.3	95.7	95.3	95.0	94.6	94.8	95.3	95.9	95.6	95.8	94.9	92.8
<b>Sussex</b>	77.2	78.5	78.4	78.6	79.0	79.4	79.7	80.2	80.8	80.9	81.6	81.6	81.1	78.6	74.8	70.0
<20	53.6	54.8	56.0	56.1	57.3	59.9	63.7	65.8	67.7	68.6	70.3	69.7	69.1	65.9	61.7	56.5
20-24	71.5	73.0	71.9	73.4	73.8	74.8	75.3	75.3	74.8	74.2	74.4	74.7	74.8	71.5	67.0	62.4
25-29	84.8	85.6	85.0	84.9	85.2	84.8	83.8	84.6	84.9	84.7	85.0	85.5	83.9	81.3	76.7	71.6
30+	85.3	86.5	86.7	86.3	86.3	85.8	86.3	86.5	87.4	88.1	88.8	88.1	87.8	86.2	83.8	79.5

**Notes:**

1. 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.
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
 Delaware Health Statistics Center

FYATRI2

TABLE C-38  
FIVE-YEAR AVERAGE PERCENTAGE OF BIRTHS TO MOTHERS BEGINNING PRENATAL CARE IN THE FIRST TRIMESTER  
BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1987-2006

(BLACK)

Area/ Age	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	58.9	59.4	60.3	61.8	63.5	65.6	67.2	68.5	69.6	70.4	70.7	71.5	71.7	68.9	64.8	N/A
<20	46.2	47.3	48.8	50.9	53.1	55.4	57.1	58.5	59.4	60.1	60.4	61.0	61.1	59.0	55.5	N/A
20-24	56.7	57.2	58.3	59.9	61.9	64.2	66.0	67.5	68.6	69.2	69.5	70.2	70.2	67.5	63.4	N/A
25-29	65.8	66.0	66.5	67.7	69.1	71.0	72.4	73.7	74.7	75.5	75.7	76.3	76.2	73.0	68.1	N/A
30+	68.5	68.5	68.8	69.7	70.8	72.4	73.4	74.4	75.3	76.0	76.3	77.2	77.2	74.2	69.7	N/A
<b>Delaware</b>	58.4	59.1	60.5	62.6	65.4	68.2	70.3	71.5	72.9	73.6	75.5	77.5	78.6	79.9	79.9	77.7
<20	45.3	45.6	47.5	51.5	54.1	58.7	61.7	63.5	64.5	64.9	66.3	68.2	69.3	70.9	71.2	69.0
20-24	57.2	58.4	59.2	60.1	62.6	65.6	67.5	69.3	71.6	72.6	74.4	76.8	77.8	79.1	78.9	76.6
25-29	66.7	66.6	68.3	70.1	73.4	74.7	76.9	77.3	78.6	78.3	80.4	81.9	83.2	83.8	83.5	80.8
30+	69.2	69.6	70.8	72.8	75.5	77.3	78.2	78.4	78.9	80.1	81.9	83.6	83.9	84.6	84.4	82.3
<b>Kent</b>	57.2	59.0	57.8	57.7	59.3	58.1	56.7	57.8	59.7	60.6	63.3	65.4	67.8	70.3	71.3	68.3
<20	43.8	44.7	45.5	44.9	45.9	44.5	45.4	45.8	47.1	47.4	51.5	51.9	53.9	57.7	60.2	56.5
20-24	55.1	57.5	56.8	57.9	60.5	60.1	58.9	60.4	61.3	61.5	63.2	65.5	67.2	70.5	70.9	67.4
25-29	67.2	69.4	67.5	66.4	67.8	64.1	62.4	64.0	68.0	69.8	73.9	74.3	77.5	77.7	77.4	74.8
30+	66.5	67.3	63.5	63.3	64.7	65.7	61.2	61.5	63.3	64.8	65.6	70.2	72.8	74.5	76.0	73.7
<b>New Castle</b>	62.5	62.9	65.5	68.7	72.3	76.1	78.3	78.7	79.3	79.4	81.1	83.5	84.2	85.2	85.3	83.1
<20	48.5	49.1	52.1	57.5	61.4	67.8	70.4	71.6	72.1	71.6	73.1	76.2	77.0	78.2	78.8	76.5
20-24	61.8	62.8	64.8	66.7	69.9	74.1	76.3	77.3	78.3	78.9	80.4	83.1	83.8	85.1	85.1	83.1
25-29	70.3	69.1	71.7	74.5	78.3	81.1	83.2	83.2	83.5	82.5	83.9	85.8	86.8	87.6	87.4	84.7
30+	72.6	72.8	75.2	78.1	81.0	83.0	84.2	83.8	83.8	84.7	86.7	87.9	87.7	88.0	87.6	85.6
<b>Wilmington</b>	59.1	58.4	60.8	64.0	67.4	72.3	75.1	75.3	75.6	75.8	77.0	79.7	80.6	81.7	81.8	79.5
<20	47.0	47.6	50.7	55.7	59.7	66.9	68.4	69.4	70.5	69.8	71.5	75.4	76.1	77.2	78.4	75.3
20-24	60.4	59.6	61.1	63.3	66.4	71.8	75.9	76.9	77.3	78.6	79.0	81.9	81.9	83.3	83.1	80.5
25-29	66.3	64.7	67.1	69.8	73.0	76.1	79.8	78.5	78.8	77.8	79.3	80.9	83.5	84.2	83.8	80.8
30+	68.5	66.2	68.9	72.1	75.9	78.4	80.8	80.1	78.6	79.1	80.0	80.9	81.6	82.3	81.8	81.5
<b>Balance of NC County</b>	67.0	68.6	71.3	74.2	77.6	80.1	81.3	81.9	82.4	82.4	84.4	86.4	86.8	87.6	87.5	85.5
<20	51.4	52.1	54.8	60.9	64.7	69.5	74.1	75.2	74.6	74.4	75.4	77.4	78.3	79.7	79.2	78.1
20-24	63.7	67.1	69.4	70.8	74.0	76.8	76.7	77.6	79.2	79.2	81.7	84.3	85.5	86.6	86.8	85.4
25-29	74.9	74.0	76.3	78.9	82.7	84.8	85.6	86.4	86.4	85.5	86.7	88.7	88.7	89.4	89.3	86.7
30+	76.1	78.5	80.8	83.2	85.3	86.3	86.3	86.1	86.5	87.4	89.8	90.9	90.0	90.2	89.7	87.1
<b>Sussex</b>	45.6	45.8	45.7	46.7	47.8	50.5	55.4	58.3	61.7	64.2	65.7	66.0	67.6	68.2	67.0	65.1
<20	37.1	35.9	36.1	40.4	40.6	44.2	49.6	53.5	55.1	57.9	57.8	57.3	58.7	60.3	58.8	57.5
20-24	45.7	45.7	44.5	43.1	43.4	46.1	50.5	54.5	60.1	63.5	66.3	66.7	68.5	68.3	67.1	64.6
25-29	51.6	52.8	54.3	55.1	58.5	58.9	64.7	65.0	68.3	68.0	71.2	71.9	73.2	73.3	72.9	70.2
30+	55.5	57.0	57.7	58.0	60.2	62.7	66.9	68.6	70.1	73.0	72.9	73.0	73.0	73.7	71.7	70.1

FYATR13

**Notes:**

1. 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.
2. N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
Delaware Health Statistics Center

TABLE C-39  
 FIVE-YEAR AVERAGE PERCENTAGE OF BIRTHS TO MOTHERS BEGINNING PRENATAL  
 CARE IN THE FIRST TRIMESTER BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2006

(HISPANIC ORIGIN\*)

Area/ Age	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>	60.9	62.7	64.7	66.8	68.5	69.8	70.8	71.4	72.1	72.9	73.3	72.0	67.4	N/A
<20	49.8	52.1	54.7	57.1	59.0	60.5	61.3	61.9	62.5	63.1	63.5	63.0	58.8	N/A
20-24	57.7	59.6	61.8	63.9	65.8	67.2	68.2	68.7	69.4	70.1	70.5	69.5	65.2	N/A
25-29	65.5	67.0	68.8	70.6	72.2	73.4	74.3	74.8	75.4	76.0	76.2	74.7	69.8	N/A
30+	68.0	69.6	71.3	73.0	74.5	75.6	76.4	77.1	77.8	78.6	78.9	77.0	71.8	N/A
<b>Delaware</b>	64.5	65.2	65.6	66.8	67.3	67.8	68.7	69.4	70.8	72.2	72.6	72.1	69.8	65.6
<20	54.6	56.5	58.6	62.2	62.5	62.2	63.7	64.6	63.5	65.8	68.2	67.6	65.2	62.0
20-24	60.7	60.9	61.5	62.7	64.0	64.6	65.0	65.6	67.3	68.7	69.2	68.9	66.0	62.1
25-29	72.1	74.9	74.8	74.9	73.3	73.5	72.8	70.9	72.4	74.2	73.5	72.5	71.6	66.4
30+	74.7	72.8	71.1	69.8	70.4	71.3	74.1	77.7	80.2	80.0	79.9	79.3	76.4	71.8
<b>Kent</b>	66.9	65.8	67.2	65.4	65.3	62.3	61.3	60.1	62.1	63.1	67.2	68.7	69.4	66.1
<20	57.4	52.5	53.1	54.9	53.8	56.5	59.7	60.3	64.1	64.1	64.2	64.0	67.6	62.2
20-24	61.8	63.6	65.7	65.0	69.4	64.8	60.5	58.6	56.0	56.5	60.2	65.0	63.9	62.4
25-29	75.4	78.0	80.6	77.5	69.4	65.3	66.3	61.4	64.8	67.6	71.8	71.3	74.2	66.9
30+	75.0	71.7	71.4	64.2	64.2	59.3	57.4	60.6	67.1	66.3	74.1	75.9	75.0	74.1
<b>New Castle</b>	69.1	72.7	74.2	78.0	79.3	79.8	79.7	81.3	82.2	84.2	84.9	86.2	85.6	81.7
<20	58.5	62.8	65.8	71.6	73.0	72.6	73.6	75.6	74.4	77.5	81.2	82.4	80.6	77.3
20-24	66.5	70.5	72.5	76.4	78.6	79.5	77.9	79.8	81.6	83.4	83.7	85.1	84.3	79.9
25-29	75.5	79.7	81.8	84.4	84.8	85.0	84.0	83.1	83.9	85.5	85.8	87.1	87.8	83.6
30+	79.9	80.1	78.6	79.7	79.6	80.0	82.2	85.7	87.2	88.6	88.1	89.0	88.0	84.7
Wilmington	62.8	66.1	68.0	73.9	78.0	78.2	78.2	79.7	80.4	81.5	83.1	84.3	84.0	79.8
<20	56.9	59.0	63.4	71.4	73.5	71.5	74.4	75.7	75.6	77.6	85.5	85.3	82.3	76.9
20-24	61.5	64.8	65.4	70.8	77.6	77.8	76.0	78.5	79.3	79.8	79.9	82.4	82.8	79.5
25-29	69.2	73.0	74.8	79.9	81.5	83.1	81.7	82.1	83.1	84.5	84.6	85.2	86.4	82.4
30+	72.1	75.9	75.0	78.0	82.5	82.9	83.1	84.0	84.5	85.2	84.4	85.7	85.1	80.2
Balance of NC County	75.3	78.3	79.1	80.7	80.1	80.7	80.5	82.1	83.1	85.3	85.6	86.8	86.1	82.3
<20	61.7	68.3	68.6	72.0	72.4	73.6	72.9	75.5	73.5	77.4	78.9	80.8	79.7	77.5
20-24	72.0	76.2	78.8	80.4	79.3	80.6	79.0	80.5	82.7	85.1	85.3	86.2	84.8	80.1
25-29	79.8	83.9	85.9	86.7	86.3	85.9	84.9	83.4	84.2	85.8	86.2	87.7	88.2	84.0
30+	84.3	82.2	80.3	80.4	78.5	78.8	81.8	86.3	88.1	89.6	89.2	89.9	88.7	85.7
<b>Sussex</b>	40.8	37.6	40.1	40.5	42.2	44.2	47.1	45.7	47.2	47.6	46.7	42.7	37.6	32.7
<20	27.5	29.0	31.8	32.7	31.9	32.0	33.8	33.6	33.1	34.0	33.6	30.8	27.2	25.9
20-24	37.7	34.2	37.1	38.6	40.3	42.4	45.3	42.3	42.8	43.0	42.8	38.3	32.8	29.1
25-29	51.6	51.3	50.4	47.9	48.6	49.8	51.5	48.5	51.3	52.1	49.2	44.1	39.5	32.7
30+	49.0	40.7	43.4	43.0	47.1	51.1	55.7	58.9	63.0	60.1	59.5	56.1	49.4	42.3

**Notes:**

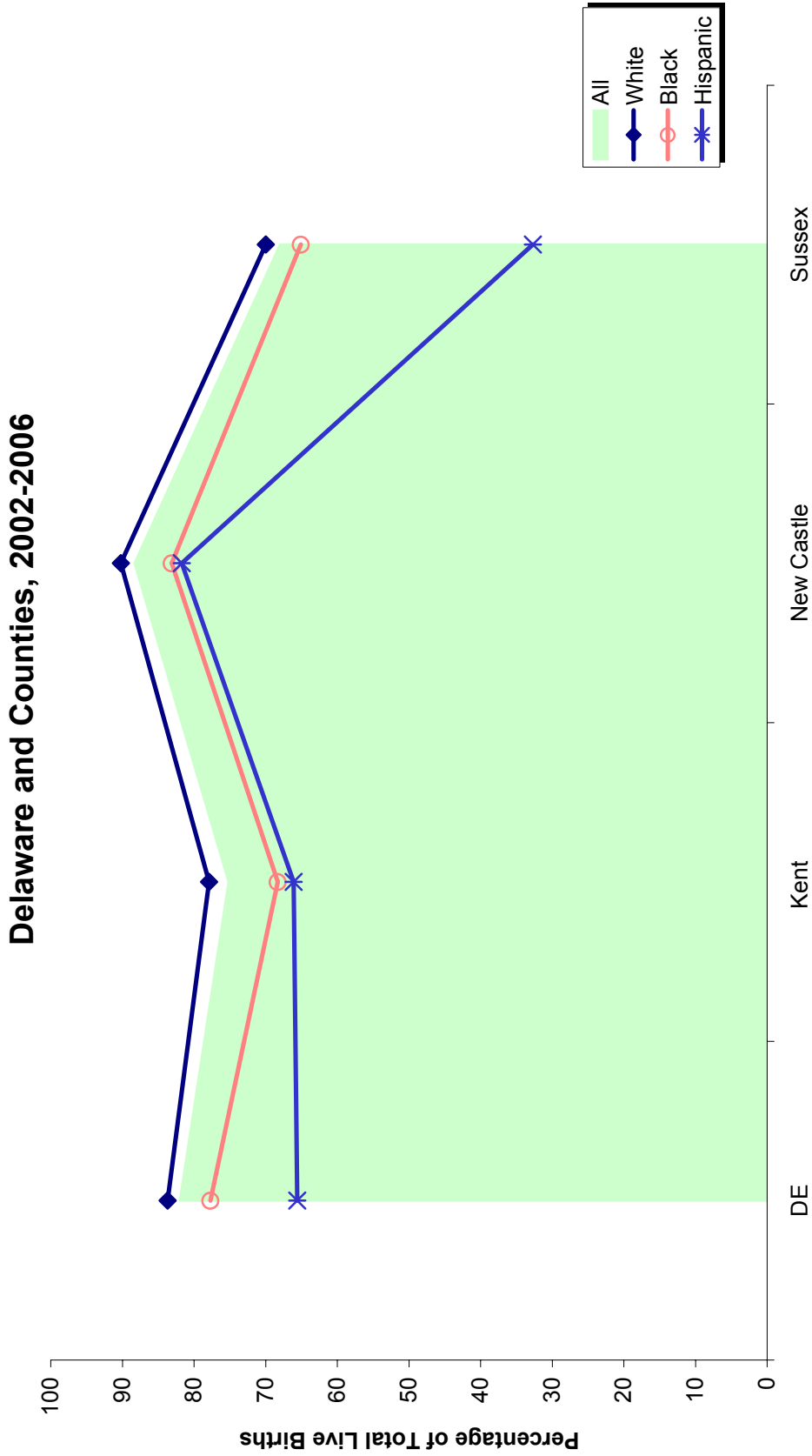
- \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
- Percentages in this table should be interpreted with caution due to small numbers.
- N/A indicates data not available.

**Sources:**

National Center for Health Statistics  
 Delaware Health Statistics Center

FYATR14

**Figure C-15**  
**Five-Year Average Percentage of Births to Mothers**  
**Beginning Prenatal Care in the First Trimester**

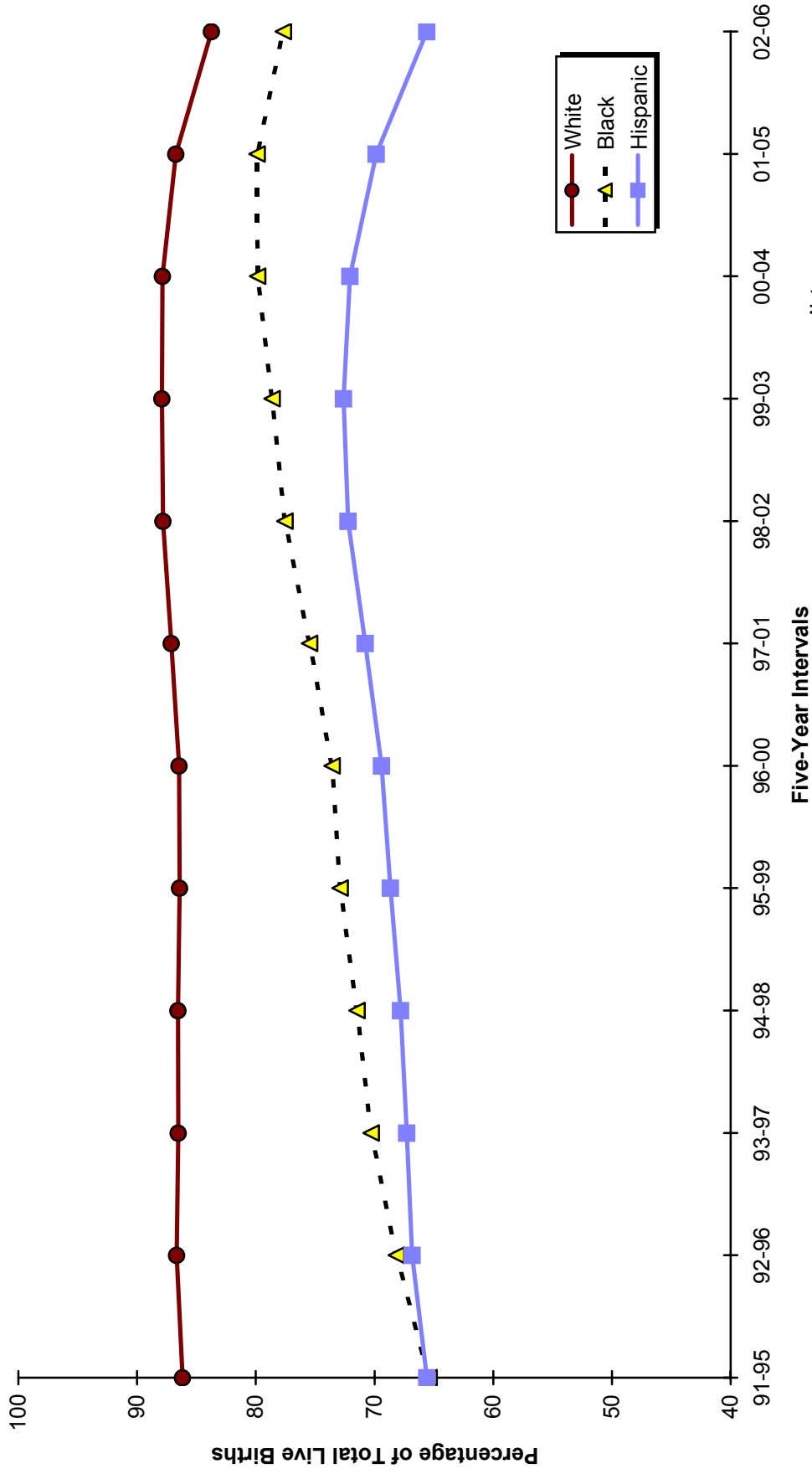


Source:  
 Delaware Health Statistics Center



**Figure C-16**  
**Five-Year Average Percentage of Births to Mothers Beginning Prenatal Care in the First Trimester by Race and Hispanic Origin**

**Delaware, 1991-2006**



**Note:**  
 \*People of Hispanic origin may be of any race.  
**Source:**  
 Delaware Health Statistics Center

TABLE C-40  
NUMBER AND PERCENT OF LIVE BIRTHS BY TRIMESTER PRENATAL CARE BEGAN, RACE AND HISPANIC ORIGIN OF MOTHER  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Trimester Care Began	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11898	100.0	8319	100.0	3021	100.0	552	100.0	1920	100.0
First	8796	73.9	6222	74.8	2134	70.6	438	79.3	1041	54.2
Second	2089	17.6	1426	17.1	579	19.2	83	15.0	570	29.7
Third	484	4.1	353	4.2	121	4.0	10	1.8	212	11.0
No Care	201	1.7	120	1.4	77	2.5	4	0.7	43	2.2
Unknown	328	2.8	198	2.4	110	3.6	17	3.1	54	2.8
<b>Kent</b>	2233	100.0	1574	100.0	579	100.0	77	100.0	169	100.0
First	1471	65.9	1090	69.3	333	57.5	47	61.0	92	54.4
Second	566	25.3	358	22.7	184	31.8	24	31.2	48	28.4
Third	142	6.4	89	5.7	47	8.1	6	7.8	23	13.6
No Care	29	1.3	17	1.1	12	2.1	0	0.0	2	1.2
Unknown	25	1.1	20	1.3	3	0.5	0	0.0	4	2.4
<b>New Castle</b>	7299	100.0	4841	100.0	2026	100.0	429	100.0	1183	100.0
First	5920	81.1	3996	82.5	1559	76.9	364	84.8	815	68.9
Second	874	12.0	567	11.7	264	13.0	42	9.8	281	23.8
Third	113	1.5	62	1.3	49	2.4	2	0.5	32	2.7
No Care	105	1.4	50	1.0	51	2.5	4	0.9	13	1.1
Unknown	287	3.9	166	3.4	103	5.1	17	4.0	42	3.6
Wilmington	1339	100.0	496	100.0	820	100.0	23	100.0	266	100.0
First	985	73.6	377	76.0	595	72.6	13	56.5	172	64.7
Second	203	15.2	77	15.5	121	14.8	5	21.7	67	25.2
Third	36	2.7	9	1.8	26	3.2	1	4.3	8	3.0
No Care	30	2.2	4	0.8	26	3.2	0	0.0	2	0.8
Unknown	85	6.3	29	5.8	52	6.3	4	17.4	17	6.4
Balance of NC County	5960	100.0	4345	100.0	1206	100.0	406	100.0	917	100.0
First	4935	82.8	3619	83.3	964	79.9	351	86.5	643	70.1
Second	671	11.3	490	11.3	143	11.9	37	9.1	214	23.3
Third	77	1.3	53	1.2	23	1.9	1	0.2	24	2.6
No Care	75	1.3	46	1.1	25	2.1	4	1.0	11	1.2
Unknown	202	3.4	137	3.2	51	4.2	13	3.2	25	2.7
<b>Sussex</b>	2366	100.0	1904	100.0	416	100.0	46	100.0	568	100.0
First	1405	59.4	1136	59.7	242	58.2	27	58.7	134	23.6
Second	649	27.4	501	26.3	131	31.5	17	37.0	241	42.4
Third	229	9.7	202	10.6	25	6.0	2	4.3	157	27.6
No Care	67	2.8	53	2.8	14	3.4	0	0.0	28	4.9
Unknown	16	0.7	12	0.6	4	1.0	0	0.0	8	1.4

KPRERAC

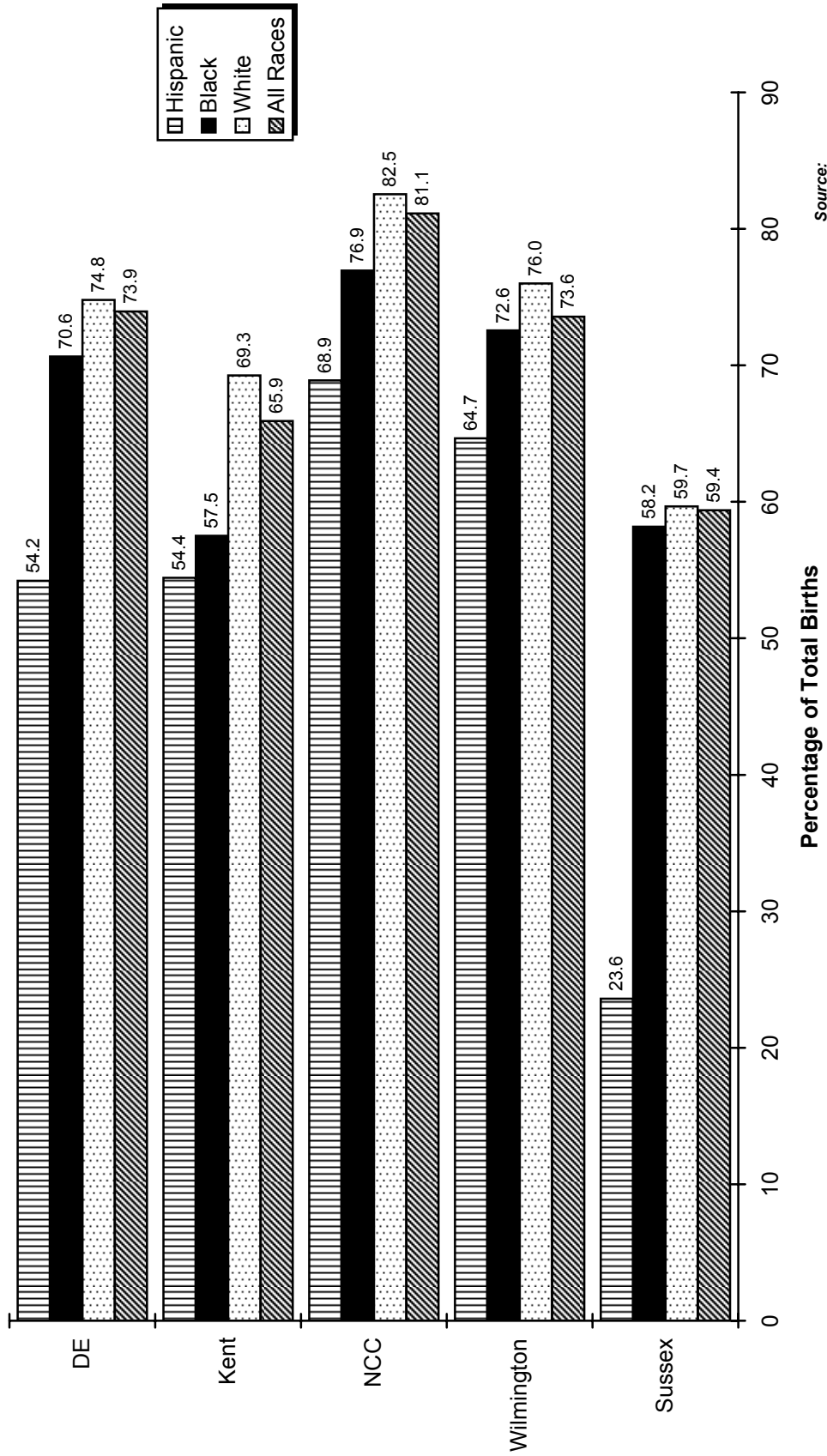
**Notes:**

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

**Source:**

Delaware Health Statistics Center

**Figure C-17**  
**Percentage of Births to Mothers Receiving Prenatal Care in the First Trimester by Race**  
**Delaware, Counties and City of Wilmington, 2006**



Source:  
 Delaware Health Statistics Center

TABLE C-41  
NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BIRTHWEIGHT IN GRAMS AND TRIMESTER PRENATAL CARE BEGAN

DELAWARE, 2006

Birthweight	Trimester Care Began											
	Total		First		Second		Third		No Care		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Ages</b>	11898	100.0	8796	100.0	2089	100.0	484	100.0	201	100.0	328	100.0
<2500	1112	9.3	843	9.6	145	6.9	36	7.4	56	27.9	32	9.8
<1500	237	2.0	186	2.1	22	1.1	5	1.0	16	8.0	8	2.4
1500-2499	875	7.4	657	7.5	123	5.9	31	6.4	40	19.9	24	7.3
2500+	10779	90.6	7953	90.4	1944	93.1	447	92.4	145	72.1	290	88.4
Unknown	7	0.1	0	...	0	...	1	0.2	0	...	6	1.8
<b>&lt;20 Years</b>	1281	100.0	762	100.0	383	100.0	74	100.0	26	100.0	36	100.0
<2500	141	11.0	90	11.8	29	7.6	8	10.8	11	42.3	3	8.3
<1500	36	2.8	27	3.5	5	1.3	0	...	3	11.5	1	2.8
1500-2499	105	8.2	63	8.3	24	6.3	8	10.8	8	30.8	2	5.6
2500+	1137	88.8	672	88.2	354	92.4	65	87.8	15	57.7	31	86.1
Unknown	3	0.2	0	...	0	...	1	1.4	0	...	2	5.6
<b>20-24 Years</b>	3057	100.0	2105	100.0	632	100.0	169	100.0	69	100.0	82	100.0
<2500	308	10.1	213	10.1	55	8.7	13	7.7	16	23.2	11	13.4
<1500	57	1.9	44	2.1	6	0.9	0	...	3	4.3	4	4.9
1500-2499	251	8.2	169	8.0	49	7.8	13	7.7	13	18.8	7	8.5
2500+	2749	89.9	1892	89.9	577	91.3	156	92.3	53	76.8	71	86.6
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
<b>25-29 Years</b>	3226	100.0	2453	100.0	528	100.0	125	100.0	44	100.0	76	100.0
<2500	251	7.8	203	8.3	26	4.9	7	5.6	11	25.0	4	5.3
<1500	56	1.7	45	1.8	2	0.4	4	3.2	5	11.4	0	...
1500-2499	195	6.0	158	6.4	24	4.5	3	2.4	6	13.6	4	5.3
2500+	2973	92.2	2250	91.7	502	95.1	118	94.4	33	75.0	70	92.1
Unknown	2	0.1	0	...	0	...	0	...	0	...	2	2.6
<b>30-34 Years</b>	2698	100.0	2166	100.0	344	100.0	70	100.0	34	100.0	84	100.0
<2500	245	9.1	198	9.1	24	7.0	5	7.1	9	26.5	9	10.7
<1500	51	1.9	39	1.8	7	2.0	1	1.4	2	5.9	2	2.4
1500-2499	194	7.2	159	7.3	17	4.9	4	5.7	7	20.6	7	8.3
2500+	2451	90.8	1968	90.9	320	93.0	65	92.9	25	73.5	73	86.9
Unknown	2	0.1	0	...	0	...	0	...	0	...	2	2.4
<b>35+ Years</b>	1636	100.0	1310	100.0	202	100.0	46	100.0	28	100.0	50	100.0
<2500	167	10.2	139	10.6	11	5.4	3	6.5	9	32.1	5	10.0
<1500	37	2.3	31	2.4	2	1.0	0	...	3	10.7	1	2.0
1500-2499	130	7.9	108	8.2	9	4.5	3	6.5	6	21.4	4	8.0
2500+	1469	89.8	1171	89.4	191	94.6	43	93.5	19	67.9	45	90.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...

KPREAGBW

**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. ... indicates percentage is not calculated because the denominator is zero.

**Source:**

Delaware Health Statistics Center

TABLE C-42  
NUMBER AND PERCENT OF LIVE BIRTHS BY AGE OF MOTHER, BIRTHWEIGHT IN GRAMS  
AND TRIMESTER PRENATAL CARE BEGAN

DELAWARE, 2002-2006

Age/ Birthweight	Trimester Care Began											
	Total		First		Second		Third		No Care		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	57279	100.0	46988	82.0	7187	12.5	1822	3.2	714	1.2	568	1.0
<2500	5411	100.0	4377	80.9	594	11.0	164	3.0	193	3.6	83	1.5
<1500	1125	100.0	938	83.4	73	6.5	15	1.3	71	6.3	28	2.5
1500-2499	4286	100.0	3439	80.2	521	12.2	149	3.5	122	2.8	55	1.3
2500+	51846	100.0	42611	82.2	6593	12.7	1650	3.2	521	1.0	471	0.9
Unknown	22	100.0	0	0.0	0	0.0	8	36.4	0	0.0	14	63.6
<b>&lt;20 Years</b>	6178	100.0	4361	70.6	1325	21.4	317	5.1	120	1.9	55	0.9
<2500	702	100.0	494	70.4	138	19.7	36	5.1	27	3.8	7	1.0
<1500	149	100.0	111	74.5	23	15.4	2	1.3	11	7.4	2	1.3
1500-2499	553	100.0	383	69.3	115	20.8	34	6.1	16	2.9	5	0.9
2500+	5472	100.0	3867	70.7	1187	21.7	280	5.1	93	1.7	45	0.8
Unknown	4	100.0	0	0.0	0	0.0	1	25.0	0	0.0	3	75.0
<b>20-24 Years</b>	14565	100.0	11170	76.7	2389	16.4	641	4.4	224	1.5	141	1.0
<2500	1433	100.0	1104	77.0	201	14.0	53	3.7	51	3.6	24	1.7
<1500	273	100.0	219	80.2	25	9.2	2	0.7	15	5.5	12	4.4
1500-2499	1160	100.0	885	76.3	176	15.2	51	4.4	36	3.1	12	1.0
2500+	13131	100.0	10066	76.7	2188	16.7	588	4.5	173	1.3	116	0.9
Unknown	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
<b>25-29 Years</b>	15048	100.0	12657	84.1	1661	11.0	438	2.9	156	1.0	136	0.9
<2500	1276	100.0	1066	83.5	104	8.2	44	3.4	45	3.5	17	1.3
<1500	267	100.0	226	84.6	6	2.2	10	3.7	22	8.2	3	1.1
1500-2499	1009	100.0	840	83.3	98	9.7	34	3.4	23	2.3	14	1.4
2500+	13764	100.0	11591	84.2	1557	11.3	392	2.8	111	0.8	113	0.8
Unknown	8	100.0	0	0.0	0	0.0	2	25.0	0	0.0	6	75.0
<b>30-34 Years</b>	13623	100.0	11972	87.9	1128	8.3	258	1.9	126	0.9	139	1.0
<2500	1222	100.0	1053	86.2	96	7.9	19	1.6	36	2.9	18	1.5
<1500	254	100.0	224	88.2	14	5.5	1	0.4	9	3.5	6	2.4
1500-2499	968	100.0	829	85.6	82	8.5	18	1.9	27	2.8	12	1.2
2500+	12394	100.0	10919	88.1	1032	8.3	236	1.9	90	0.7	117	0.9
Unknown	7	100.0	0	0.0	0	0.0	3	42.9	0	0.0	4	57.1
<b>35+ Years</b>	7865	100.0	6828	86.8	684	8.7	168	2.1	88	1.1	97	1.2
<2500	778	100.0	660	84.8	55	7.1	12	1.5	34	4.4	17	2.2
<1500	182	100.0	158	86.8	5	2.7	0	0.0	14	7.7	5	2.7
1500-2499	596	100.0	502	84.2	50	8.4	12	2.0	20	3.4	12	2.0
2500+	7085	100.0	6168	87.1	629	8.9	154	2.2	54	0.8	80	1.1
Unknown	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0

KFYAAGB1

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-43  
NUMBER AND PERCENT OF LIVE BIRTHS BY MARITAL STATUS OF MOTHER, BIRTHWEIGHT IN GRAMS  
AND TRIMESTER PRENATAL CARE BEGAN

DELAWARE, 2002-2006

Marital Status/ Birthweight	Trimester Care Began											
	Total		First		Second		Third		No Care		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	57279	100.0	46988	82.0	7187	12.5	1822	3.2	714	1.2	568	1.0
<2500	5411	100.0	4377	80.9	594	11.0	164	3.0	193	3.6	83	1.5
<1500	1125	100.0	938	83.4	73	6.5	15	1.3	71	6.3	28	2.5
1500-2499	4286	100.0	3439	80.2	521	12.2	149	3.5	122	2.8	55	1.3
2500+	51846	100.0	42611	82.2	6593	12.7	1650	3.2	521	1.0	471	0.9
Unknown	22	100.0	0	0.0	0	0.0	8	36.4	0	0.0	14	63.6
<b>Married</b>	32701	100.0	28831	88.2	2794	8.5	590	1.8	177	0.5	309	0.9
<2500	2540	100.0	2233	87.9	188	7.4	34	1.3	51	2.0	34	1.3
<1500	529	100.0	472	89.2	20	3.8	2	0.4	24	4.5	11	2.1
1500-2499	2011	100.0	1761	87.6	168	8.4	32	1.6	27	1.3	23	1.1
2500+	30143	100.0	26598	88.2	2606	8.6	550	1.8	126	0.4	263	0.9
Unknown	18	100.0	0	0.0	0	0.0	6	33.3	0	0.0	12	66.7
<b>Single</b>	24578	100.0	18157	73.9	4393	17.9	1232	5.0	537	2.2	259	1.1
<2500	2871	100.0	2144	74.7	406	14.1	130	4.5	142	4.9	49	1.7
<1500	596	100.0	466	78.2	53	8.9	13	2.2	47	7.9	17	2.9
1500-2499	2275	100.0	1678	73.8	353	15.5	117	5.1	95	4.2	32	1.4
2500+	21703	100.0	16013	73.8	3987	18.4	1100	5.1	395	1.8	208	1.0
Unknown	4	100.0	0	0.0	0	0.0	2	50.0	0	0.0	2	50.0

KFYAMSB1

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-44  
NUMBER AND PERCENT OF LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, RACE AND HISPANIC ORIGIN OF MOTHER  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Visits	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	<b>11898</b>	<b>100.0</b>	<b>8319</b>	<b>100.0</b>	<b>3021</b>	<b>100.0</b>	<b>552</b>	<b>100.0</b>	<b>1920</b>	<b>100.0</b>
None	201	1.7	120	1.4	77	2.5	4	0.7	43	2.2
1-4 Visits	638	5.4	420	5.0	195	6.5	23	4.2	227	11.8
5-9 Visits	2477	20.8	1686	20.3	692	22.9	97	17.6	513	26.7
10-12 Visits	6123	51.5	4264	51.3	1542	51.0	316	57.2	889	46.3
13+ Visits	2412	20.3	1802	21.7	498	16.5	112	20.3	239	12.4
Unknown	47	0.4	27	0.3	17	0.6	0	0.0	9	0.5
<b>Kent</b>	<b>2233</b>	<b>100.0</b>	<b>1574</b>	<b>100.0</b>	<b>579</b>	<b>100.0</b>	<b>77</b>	<b>100.0</b>	<b>169</b>	<b>100.0</b>
None	29	1.3	17	1.1	12	2.1	0	0.0	2	1.2
1-4 Visits	153	6.9	89	5.7	58	10.0	6	7.8	28	16.6
5-9 Visits	781	35.0	524	33.3	215	37.1	41	53.2	60	35.5
10-12 Visits	932	41.7	685	43.5	221	38.2	26	33.8	55	32.5
13+ Visits	327	14.6	252	16.0	71	12.3	4	5.2	22	13.0
Unknown	11	0.5	7	0.4	2	0.3	0	0.0	2	1.2
<b>New Castle</b>	<b>7299</b>	<b>100.0</b>	<b>4841</b>	<b>100.0</b>	<b>2026</b>	<b>100.0</b>	<b>429</b>	<b>100.0</b>	<b>1183</b>	<b>100.0</b>
None	105	1.4	50	1.0	51	2.5	4	0.9	13	1.1
1-4 Visits	251	3.4	137	2.8	102	5.0	12	2.8	40	3.4
5-9 Visits	964	13.2	589	12.2	332	16.4	42	9.8	194	16.4
10-12 Visits	4358	59.7	2913	60.2	1173	57.9	271	63.2	746	63.1
13+ Visits	1589	21.8	1135	23.4	354	17.5	100	23.3	184	15.6
Unknown	32	0.4	17	0.4	14	0.7	0	0.0	6	0.5
Wilmington	1339	100.0	496	100.0	820	100.0	23	100.0	266	100.0
None	30	2.2	4	0.8	26	3.2	0	0.0	2	0.8
1-4 Visits	67	5.0	14	2.8	52	6.3	1	4.3	10	3.8
5-9 Visits	211	15.8	62	12.5	144	17.6	5	21.7	47	17.7
10-12 Visits	789	58.9	315	63.5	462	56.3	12	52.2	171	64.3
13+ Visits	238	17.8	100	20.2	133	16.2	5	21.7	36	13.5
Unknown	4	0.3	1	0.2	3	0.4	0	0.0	0	0.0
Balance of NC County	5960	100.0	4345	100.0	1206	100.0	406	100.0	917	100.0
None	75	1.3	46	1.1	25	2.1	4	1.0	11	1.2
1-4 Visits	184	3.1	123	2.8	50	4.1	11	2.7	30	3.3
5-9 Visits	753	12.6	527	12.1	188	15.6	37	9.1	147	16.0
10-12 Visits	3569	59.9	2598	59.8	711	59.0	259	63.8	575	62.7
13+ Visits	1351	22.7	1035	23.8	221	18.3	95	23.4	148	16.1
Unknown	28	0.5	16	0.4	11	0.9	0	0.0	6	0.7
<b>Sussex</b>	<b>2366</b>	<b>100.0</b>	<b>1904</b>	<b>100.0</b>	<b>416</b>	<b>100.0</b>	<b>46</b>	<b>100.0</b>	<b>568</b>	<b>100.0</b>
None	67	2.8	53	2.8	14	3.4	0	0.0	28	4.9
1-4 Visits	234	9.9	194	10.2	35	8.4	5	10.9	159	28.0
5-9 Visits	732	30.9	573	30.1	145	34.9	14	30.4	259	45.6
10-12 Visits	833	35.2	666	35.0	148	35.6	19	41.3	88	15.5
13+ Visits	496	21.0	415	21.8	73	17.5	8	17.4	33	5.8
Unknown	4	0.2	3	0.2	1	0.2	0	0.0	1	0.2

**Notes:**

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total 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.
4. \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

**Source:**

Delaware Health Statistics Center

RACEPREV

TABLE C-45  
NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, AND AGE OF MOTHER  
AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY

DELAWARE, 2006

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>	11898	100.0	5201	43.7	6116	51.4	280	2.4	299	2.5	2	0.0
<20	1281	100.0	967	75.5	273	21.3	23	1.8	16	1.2	2	0.2
20-24	3057	100.0	2044	66.9	826	27.0	84	2.7	103	3.4	0	0.0
25-29	3226	100.0	1270	39.4	1774	55.0	83	2.6	99	3.1	0	0.0
30-34	2698	100.0	614	22.8	1975	73.2	51	1.9	58	2.1	0	0.0
35+	1636	100.0	306	18.7	1268	77.5	39	2.4	23	1.4	0	0.0
<b>White</b>	8319	100.0	3235	38.9	4631	55.7	226	2.7	225	2.7	2	0.0
<20	743	100.0	561	75.5	155	20.9	16	2.2	9	1.2	2	0.3
20-24	1965	100.0	1238	63.0	579	29.5	70	3.6	78	4.0	0	0.0
25-29	2356	100.0	844	35.8	1366	58.0	70	3.0	76	3.2	0	0.0
30-34	2046	100.0	405	19.8	1555	76.0	39	1.9	47	2.3	0	0.0
35+	1209	100.0	187	15.5	976	80.7	31	2.6	15	1.2	0	0.0
<b>Black</b>	3021	100.0	1828	60.5	1095	36.2	40	1.3	58	1.9	0	0.0
<20	523	100.0	398	76.1	112	21.4	7	1.3	6	1.1	0	0.0
20-24	1015	100.0	765	75.4	215	21.2	13	1.3	22	2.2	0	0.0
25-29	690	100.0	381	55.2	286	41.4	6	0.9	17	2.5	0	0.0
30-34	473	100.0	183	38.7	276	58.4	9	1.9	5	1.1	0	0.0
35+	320	100.0	101	31.6	206	64.4	5	1.6	8	2.5	0	0.0
<b>Other</b>	552	100.0	137	24.8	385	69.7	14	2.5	16	2.9	0	0.0
<20	14	100.0	8	57.1	5	35.7	0	0.0	1	7.1	0	0.0
20-24	77	100.0	41	53.2	32	41.6	1	1.3	3	3.9	0	0.0
25-29	180	100.0	45	25.0	122	67.8	7	3.9	6	3.3	0	0.0
30-34	178	100.0	25	14.0	144	80.9	3	1.7	6	3.4	0	0.0
35+	103	100.0	18	17.5	82	79.6	3	2.9	0	0.0	0	0.0
<b>Hispanic Origin*</b>	1920	100.0	1459	76.0	346	18.0	91	4.7	24	1.3	0	0.0
<20	290	100.0	243	83.8	34	11.7	11	3.8	2	0.7	0	0.0
20-24	614	100.0	497	80.9	70	11.4	36	5.9	11	1.8	0	0.0
25-29	551	100.0	420	76.2	95	17.2	29	5.3	7	1.3	0	0.0
30-34	310	100.0	204	65.8	93	30.0	9	2.9	4	1.3	0	0.0
35+	155	100.0	95	61.3	54	34.8	6	3.9	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 were assigned to the private insurance category. See Technical Notes.
5. \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

**Source:**

Delaware Health Statistics Center



TABLE C-46  
NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, AND MARITAL STATUS OF MOTHER,  
AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY

DELAWARE, 2006

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>	11898	100.0	5201	43.7	6116	51.4	280	2.4	299	2.5	2	0.0
Married	6507	100.0	1281	19.7	4808	73.9	163	2.5	255	3.9	0	0.0
Single	5391	100.0	3920	72.7	1308	24.3	117	2.2	44	0.8	2	0.0
<b>White</b>	8319	100.0	3235	38.9	4631	55.7	226	2.7	225	2.7	2	0.0
Married	5159	100.0	959	18.6	3855	74.7	140	2.7	205	4.0	0	0.0
Single	3160	100.0	2276	72.0	776	24.6	86	2.7	20	0.6	2	0.1
<b>Black</b>	3021	100.0	1828	60.5	1095	36.2	40	1.3	58	1.9	0	0.0
Married	861	100.0	235	27.3	580	67.4	11	1.3	35	4.1	0	0.0
Single	2160	100.0	1593	73.8	515	23.8	29	1.3	23	1.1	0	0.0
<b>Other</b>	552	100.0	137	24.8	385	69.7	14	2.5	16	2.9	0	0.0
Married	481	100.0	86	17.9	368	76.5	12	2.5	15	3.1	0	0.0
Single	71	100.0	51	71.8	17	23.9	2	2.8	1	1.4	0	0.0
<b>Hispanic Origin*</b>	1920	100.0	1459	76.0	346	18.0	91	4.7	24	1.3	0	0.0
Married	746	100.0	457	61.3	234	31.4	36	4.8	19	2.5	0	0.0
Single	1174	100.0	1002	85.3	112	9.5	55	4.7	5	0.4	0	0.0

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 were assigned to the private insurance category. See Technical Notes.
5. \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

**Source:**

Delaware Health Statistics Center

TABLE C-47  
NUMBER AND PERCENT OF LIVE BIRTHS BY TRIMESTER PRENATAL CARE BEGAN  
AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Trimester Care Began	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>Delaware</b>	11898	100.0	5201	100.0	6116	100.0	280	100.0	299	100.0	2	100.0
First	8796	73.9	3219	61.9	5277	86.3	93	33.2	206	68.9	1	50.0
Second	2089	17.6	1364	26.2	556	9.1	98	35.0	70	23.4	1	50.0
Third	484	4.1	362	7.0	61	1.0	45	16.1	16	5.4	0	0.0
No Care	201	1.7	126	2.4	54	0.9	20	7.1	1	0.3	0	0.0
Unknown	328	2.8	130	2.5	168	2.7	24	8.6	6	2.0	0	0.0
<b>Kent</b>	2233	100.0	932	100.0	947	100.0	102	100.0	251	100.0	1	100.0
First	1471	65.9	509	54.6	766	80.9	19	18.6	177	70.5	0	0.0
Second	566	25.3	313	33.6	147	15.5	47	46.1	58	23.1	1	100.0
Third	142	6.4	88	9.4	14	1.5	25	24.5	15	6.0	0	0.0
No Care	29	1.3	17	1.8	10	1.1	2	2.0	0	0.0	0	0.0
Unknown	25	1.1	5	0.5	10	1.1	9	8.8	1	0.4	0	0.0
<b>New Castle</b>	7299	100.0	2774	100.0	4370	100.0	117	100.0	38	100.0	0	...
First	5920	81.1	1995	71.9	3840	87.9	62	53.0	23	60.5	0	...
Second	874	12.0	537	19.4	304	7.0	24	20.5	9	23.7	0	...
Third	113	1.5	69	2.5	35	0.8	9	7.7	0	0.0	0	...
No Care	105	1.4	60	2.2	36	0.8	8	6.8	1	2.6	0	...
Unknown	287	3.9	113	4.1	155	3.5	14	12.0	5	13.2	0	...
Wilmington	1339	100.0	857	100.0	446	100.0	26	100.0	10	100.0	0	...
First	985	73.6	596	69.5	376	84.3	8	30.8	5	50.0	0	...
Second	203	15.2	157	18.3	38	8.5	6	23.1	2	20.0	0	...
Third	36	2.7	28	3.3	6	1.3	2	7.7	0	0.0	0	...
No Care	30	2.2	22	2.6	5	1.1	3	11.5	0	0.0	0	...
Unknown	85	6.3	54	6.3	21	4.7	7	26.9	3	30.0	0	...
Balance of NC County	5960	100.0	1917	100.0	3924	100.0	91	100.0	28	100.0	0	...
First	4935	82.8	1399	73.0	3464	88.3	54	59.3	18	64.3	0	...
Second	671	11.3	380	19.8	266	6.8	18	19.8	7	25.0	0	...
Third	77	1.3	41	2.1	29	0.7	7	7.7	0	0.0	0	...
No Care	75	1.3	38	2.0	31	0.8	5	5.5	1	3.6	0	...
Unknown	202	3.4	59	3.1	134	3.4	7	7.7	2	7.1	0	...
<b>Sussex</b>	2366	100.0	1495	100.0	799	100.0	61	100.0	10	100.0	1	100.0
First	1405	59.4	715	47.8	671	84.0	12	19.7	6	60.0	1	100.0
Second	649	27.4	514	34.4	105	13.1	27	44.3	3	30.0	0	0.0
Third	229	9.7	205	13.7	12	1.5	11	18.0	1	10.0	0	0.0
No Care	67	2.8	49	3.3	8	1.0	10	16.4	0	0.0	0	0.0
Unknown	16	0.7	12	0.8	3	0.4	1	1.6	0	0.0	0	0.0

PSOPKI

**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. All Delaware residents born out of state were assigned to the private insurance category. See Technical Notes.
4. ... indicates percentage is not calculated because the denominator is zero.

**Source:**

Delaware Health Statistics Center

TABLE C-48  
NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN OF MOTHER, TRIMESTER PRENATAL CARE  
BEGAN AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY

DELAWARE, 2006

Race-Origin/ Trimester Care Began	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>	11898	100.0	5201	100.0	6116	100.0	280	100.0	299	100.0	2	100.0
First	8796	73.9	3219	61.9	5277	86.3	93	33.2	206	68.9	1	50.0
Second	2089	17.6	1364	26.2	556	9.1	98	35.0	70	23.4	1	50.0
Third	484	4.1	362	7.0	61	1.0	45	16.1	16	5.4	0	0.0
No Care	201	1.7	126	2.4	54	0.9	20	7.1	1	0.3	0	0.0
Unknown	328	2.8	130	2.5	168	2.7	24	8.6	6	2.0	0	0.0
<b>White</b>	8319	100.0	3235	100.0	4631	100.0	226	100.0	225	100.0	2	100.0
First	6222	74.8	1940	60.0	4049	87.4	68	30.1	164	72.9	1	50.0
Second	1426	17.1	899	27.8	393	8.5	85	37.6	48	21.3	1	50.0
Third	353	4.2	263	8.1	39	0.8	40	17.7	11	4.9	0	0.0
No Care	120	1.4	72	2.2	34	0.7	14	6.2	0	0.0	0	0.0
Unknown	198	2.4	61	1.9	116	2.5	19	8.4	2	0.9	0	0.0
<b>Black</b>	3021	100.0	1828	100.0	1095	100.0	40	100.0	58	100.0	0	...
First	2134	70.6	1194	65.3	891	81.4	17	42.5	32	55.2	0	...
Second	579	19.2	423	23.1	131	12.0	8	20.0	17	29.3	0	...
Third	121	4.0	94	5.1	18	1.6	5	12.5	4	6.9	0	...
No Care	77	2.5	52	2.8	18	1.6	6	15.0	1	1.7	0	...
Unknown	110	3.6	65	3.6	37	3.4	4	10.0	4	6.9	0	...
<b>Other</b>	552	100.0	137	100.0	385	100.0	14	100.0	16	100.0	0	...
First	438	79.3	84	61.3	336	87.3	8	57.1	10	62.5	0	...
Second	83	15.0	42	30.7	31	8.1	5	35.7	5	31.3	0	...
Third	10	1.8	5	3.6	4	1.0	0	0.0	1	6.3	0	...
No Care	4	0.7	2	1.5	2	0.5	0	0.0	0	0.0	0	...
Unknown	17	3.1	4	2.9	12	3.1	1	7.1	0	0.0	0	...
<b>Hispanic Origin*</b>	1920	100.0	1459	100.0	346	100.0	91	100.0	24	100.0	0	...
First	1041	54.2	719	49.3	279	80.6	26	28.6	17	70.8	0	...
Second	570	29.7	482	33.0	46	13.3	36	39.6	6	25.0	0	...
Third	212	11.0	191	13.1	6	1.7	15	16.5	0	0.0	0	...
No Care	43	2.2	35	2.4	2	0.6	6	6.6	0	0.0	0	...
Unknown	54	2.8	32	2.2	13	3.8	8	8.8	1	4.2	0	...

PSOPRCKI

**Notes:**

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each adequacy of prenatal care 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 were assigned to the private insurance category. See Technical Notes.
5. \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
6. ... indicates percentage is not calculated because the denominator is zero.

**Source:**

Delaware Health Statistics Center

TABLE C-49  
NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN OF MOTHER, METHOD OF DELIVERY  
AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY

DELAWARE, 2006

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>	11898	100.0	5201	100.0	6116	100.0	280	100.0	299	100.0	2	100.0
Vaginal	8266	69.5	3795	73.0	4010	65.6	232	82.9	227	75.9	2	100.0
C-section	3625	30.5	1405	27.0	2100	34.3	48	17.1	72	24.1	0	0.0
Unknown	7	0.1	1	0.0	6	0.1	0	0.0	0	0.0	0	0.0
<b>White</b>	8319	100.0	3235	100.0	4631	100.0	226	100.0	225	100.0	2	100.0
Vaginal	5839	70.2	2408	74.4	3074	66.4	189	83.6	166	73.8	2	100.0
C-section	2473	29.7	826	25.5	1551	33.5	37	16.4	59	26.2	0	0.0
Unknown	7	0.1	1	0.0	6	0.1	0	0.0	0	0.0	0	0.0
<b>Black</b>	3021	100.0	1828	100.0	1095	100.0	40	100.0	58	100.0	0	...
Vaginal	2066	68.4	1289	70.5	697	63.7	32	80.0	48	82.8	0	...
C-section	955	31.6	539	29.5	398	36.3	8	20.0	10	17.2	0	...
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	...
<b>Other</b>	552	100.0	137	100.0	385	100.0	14	100.0	16	100.0	0	...
Vaginal	360	65.2	98	71.5	238	61.8	11	78.6	13	81.3	0	...
C-section	192	34.8	39	28.5	147	38.2	3	21.4	3	18.8	0	...
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	...
<b>Hispanic Origin*</b>	1920	100.0	1459	100.0	346	100.0	91	100.0	24	100.0	0	...
Vaginal	1422	74.1	1104	75.7	228	65.9	71	78.0	19	79.2	0	...
C-section	492	25.6	354	24.3	113	32.7	20	22.0	5	20.8	0	...
Unknown	6	0.3	1	0.1	5	1.4	0	0.0	0	0.0	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 were assigned to the private insurance category. See Technical Notes.
5. \*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
6. ... indicates percentage is not calculated because the denominator is zero.

**Source:**

Delaware Health Statistics Center

TABLE C-50  
NUMBER OF LIVE BIRTHS BY METHOD OF DELIVERY

DELAWARE, 2006

Method of Delivery	Number
<b>Total</b>	<b>11898</b>
<b>Vaginal</b>	<b>8266</b>
<b>C-Section</b>	<b>3625</b>
Primary C-Section	2209
Repeat C-Section	1416
<b>Unknown</b>	<b>7</b>

METHOD1

**Source:**  
Delaware Health Statistics Center

TABLE C-51  
NUMBER AND PERCENT OF LIVE BIRTHS  
BY BIRTHWEIGHT IN GRAMS AND METHOD OF DELIVERY

DELAWARE, 2006

Birth Weight	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11898	100.0	8266	69.5	3625	30.5	7	0.1
<2500	1112	100.0	588	52.9	524	47.1	0	0.0
<1500	237	100.0	107	45.1	130	54.9	0	0.0
1500-2499	875	100.0	481	55.0	394	45.0	0	0.0
2500+	10779	100.0	7676	71.2	3100	28.8	3	0.0
Unknown	7	100.0	2	28.6	1	14.3	4	57.1

METHOD2

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-52  
NUMBER AND PERCENT OF LIVE BIRTHS  
BY AGE OF MOTHER AND METHOD OF DELIVERY

DELAWARE, 2006

Age	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11898	100.0	8266	69.5	3625	30.5	7	0.1
<20	1281	100.0	1006	78.5	272	21.2	3	0.2
20-24	3057	100.0	2297	75.1	759	24.8	1	0.0
25-29	3226	100.0	2284	70.8	942	29.2	0	0.0
30-34	2698	100.0	1774	65.8	921	34.1	3	0.1
35+	1636	100.0	905	55.3	731	44.7	0	0.0

METHOD3

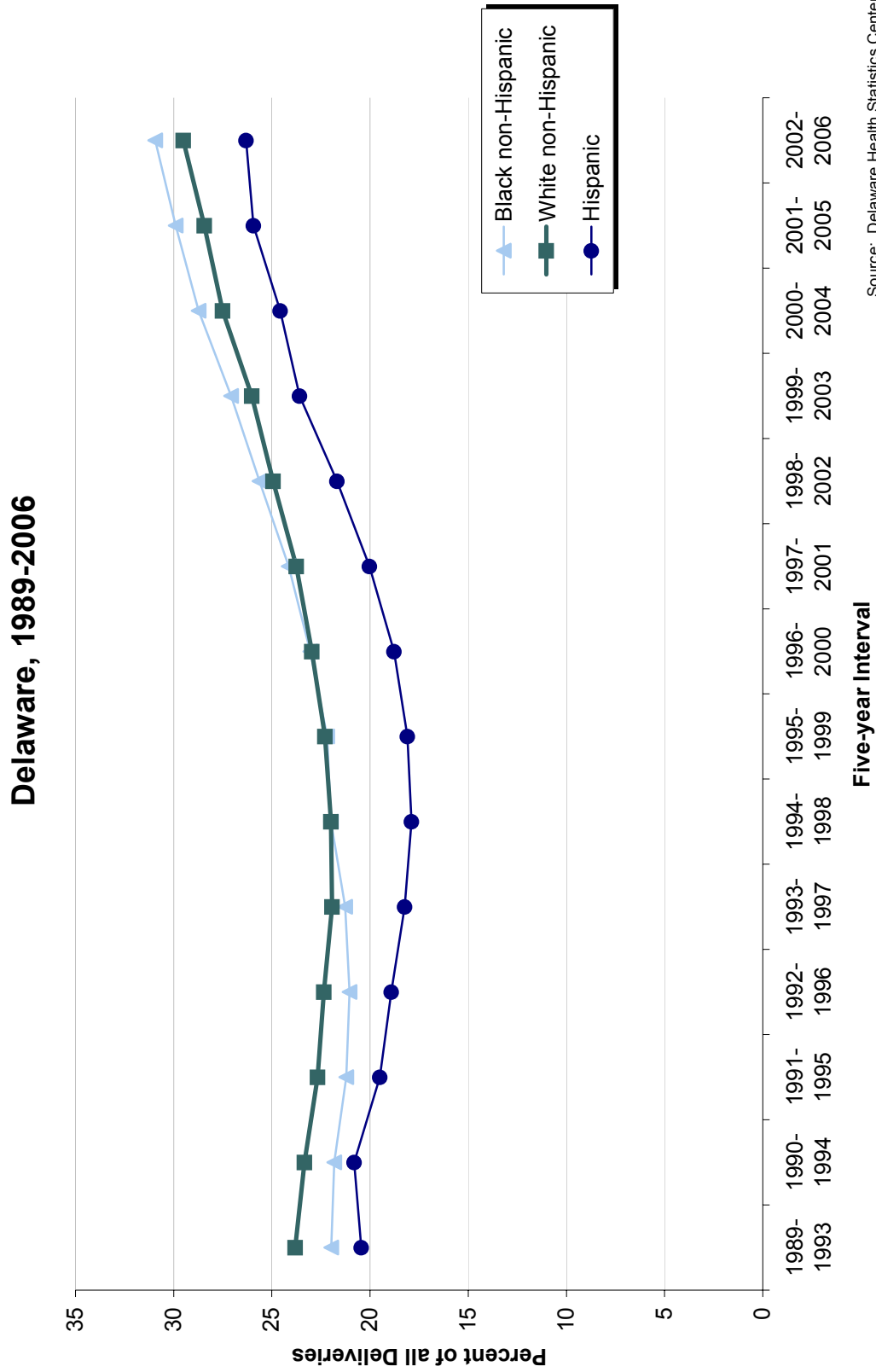
**Notes:**

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

**Source:**

Delaware Health Statistics Center

**Figure C-18**  
**Five-year Percent Births by Cesarean Section Delivery by Race and Ethnicity**  
**Delaware, 1989-2006**



Source: Delaware Health Statistics Center

TABLE C-53  
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, 2006

Area/ Tobacco Use	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Delaware</b>	11898	100.0	8319	100.0	3021	100.0	552	100.0	1920	100.0
Yes	1117	9.4	842	10.1	258	8.5	17	3.1	54	2.8
No	10768	90.5	7468	89.8	2759	91.3	535	96.9	1859	96.8
Unknown	13	0.1	9	0.1	4	0.1	0	0.0	7	0.4
<b>Kent</b>	2233	100.0	1574	100.0	579	100.0	77	100.0	169	100.0
Yes	319	14.3	252	16.0	57	9.8	10	13.0	17	10.1
No	1910	85.5	1319	83.8	521	90.0	67	87.0	150	88.8
Unknown	4	0.2	3	0.2	1	0.2	0	0.0	2	1.2
<b>New Castle</b>	7299	100.0	4841	100.0	2026	100.0	429	100.0	1183	100.0
Yes	505	6.9	354	7.3	147	7.3	4	0.9	30	2.5
No	6786	93.0	4482	92.6	1876	92.6	425	99.1	1149	97.1
Unknown	8	0.1	5	0.1	3	0.1	0	0.0	4	0.3
Wilmington	1339	100.0	496	100.0	820	100.0	23	100.0	266	100.0
Yes	114	8.5	25	5.0	89	10.9	0	0.0	10	3.8
No	1224	91.4	471	95.0	730	89.0	23	100.0	256	96.2
Unknown	1	0.1	0	0.0	1	0.1	0	0.0	0	0.0
Balance of NC County	5960	100.0	4345	100.0	1206	100.0	406	100.0	917	100.0
Yes	391	6.6	329	7.6	58	4.8	4	1.0	20	2.2
No	5562	93.3	4011	92.3	1146	95.0	402	99.0	893	97.4
Unknown	7	0.1	5	0.1	2	0.2	0	0.0	4	0.4
<b>Sussex</b>	2366	100.0	1904	100.0	416	100.0	46	100.0	568	100.0
Yes	293	12.4	236	12.4	54	13.0	3	6.5	7	1.2
No	2072	87.6	1667	87.6	362	87.0	43	93.5	560	98.6
Unknown	1	0.0	1	0.1	0	0.0	0	0.0	1	0.2

TOBALCS

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

**Source:**

Delaware Health Statistics Center

TABLE C-54  
NUMBER AND PERCENT OF LIVE BIRTHS BY AGE OF MOTHER  
AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY

DELAWARE, 2006

Age	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11898	100.0	1117	9.4	10768	90.5	13	0.1
< 18	411	100.0	34	8.3	377	91.7	0	0.0
18-19	870	100.0	111	12.8	757	87.0	2	0.2
20-24	3057	100.0	431	14.1	2625	85.9	1	0.0
25-29	3226	100.0	294	9.1	2932	90.9	0	0.0
30-34	2698	100.0	153	5.7	2538	94.1	7	0.3
35 +	1636	100.0	94	5.7	1539	94.1	3	0.2

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-55  
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, 2006

Area/ Birth Weight	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	11898	100.0	1117	100.0	10768	100.0	13	100.0
<2500	1112	9.3	155	13.9	952	8.8	5	38.5
2500+	10779	90.6	962	86.1	9813	91.1	4	30.8
Unknown	7	0.1	0	0.0	3	0.0	4	30.8
<b>Kent</b>	2233	100.0	319	100.0	1910	100.0	4	100.0
<2500	203	9.1	38	11.9	164	8.6	1	25.0
2500+	2028	90.8	281	88.1	1746	91.4	1	25.0
Unknown	2	0.1	0	0.0	0	0.0	2	50.0
<b>New Castle</b>	7299	100.0	505	100.0	6786	100.0	8	100.0
<2500	715	9.8	79	15.6	632	9.3	4	50.0
2500+	6580	90.1	426	84.4	6151	90.6	3	37.5
Unknown	4	0.1	0	0.0	3	0.0	1	12.5
Wilmington	1339	18.3	114	22.6	1224	18.0	1	12.5
<2500	176	2.4	29	5.7	147	2.2	0	0.0
2500+	1162	15.9	85	16.8	1076	15.9	1	12.5
Unknown	1	0.0	0	0.0	1	0.0	0	0.0
Balance of NC County	5960	81.7	391	77.4	5562	82.0	7	87.5
<2500	539	7.4	50	9.9	485	7.1	4	50.0
2500+	5418	74.2	341	67.5	5075	74.8	2	25.0
Unknown	3	0.0	0	0.0	2	0.0	1	12.5
<b>Sussex</b>	2366	100.0	293	100.0	2072	100.0	1	100.0
<2500	194	8.2	38	13.0	156	7.5	0	0.0
2500+	2171	91.8	255	87.0	1916	92.5	0	0.0
Unknown	1	0.0	0	0.0	0	0.0	1	100.0

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 Statistics Center



TABLE C-56  
 PERCENTAGE OF LIVE BIRTHS FOR MOTHERS REPORTING TOBACCO USE DURING PREGNANCY  
 BY RACE AND HISPANIC ORIGIN

U.S. AND DELAWARE, 1993-2006

Year/ Area	Race			Hispanic Origin*
	All Races	White	Black	
<b>2006</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	9.4	10.1	8.5	2.8
<b>2005</b>				
U.S.	N/A	N/A	N/A	N/A
Delaware	11.6	12.7	10.3	3.3
<b>2004</b>				
U.S.	N/A	N/A	N/A	N/A
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
<b>2000</b>				
U.S.	12.2	13.2	9.1	3.5
Delaware	13.1	13.7	13.1	5.6
<b>1999</b>				
U.S.	12.6	13.6	9.3	3.7
Delaware	12.7	13.7	11.3	4.5
<b>1998</b>				
U.S.	12.9	14.0	9.5	4.0
Delaware	14.9	16.2	12.6	6.9
<b>1997</b>				
U.S.	13.2	14.3	9.7	4.1
Delaware	14.2	15.2	12.1	4.9
<b>1996</b>				
U.S.	13.6	14.7	10.2	4.3
Delaware	13.9	14.8	12.1	3.9
<b>1995</b>				
U.S.	13.9	15.0	10.6	4.3
Delaware	13.1	14.2	10.8	4.7
<b>1994</b>				
U.S.	14.6	15.6	11.4	4.6
Delaware	14.1	15.2	11.3	5.3
<b>1993</b>				
U.S.	15.8	17.0	13.0	5.0
Delaware	15.0	15.9	12.7	5.5

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. \*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 Statistics Center

TABLE C-57  
NUMBER AND PERCENT OF LIVE BIRTHS BY DAY OF THE WEEK  
DELAWARE, 2006

Day	Number	Percent
Sunday	1074	9.0
Monday	1820	15.3
Tuesday	1914	16.1
Wednesday	1932	16.2
Thursday	1937	16.3
Friday	1884	15.8
Saturday	1337	11.2
Total	11898	100.0

DAYMONB1

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-58  
NUMBER AND PERCENT OF LIVE BIRTHS BY MONTH  
DELAWARE, 2006

Month	Number	Percent
January	935	7.9
February	937	7.9
March	1032	8.7
April	905	7.6
May	968	8.1
June	1076	9.0
July	1027	8.6
August	1082	9.1
September	1018	8.6
October	1013	8.5
November	958	8.1
December	947	8.0
Total	11898	100.0

DAYMONB2

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE C-59  
 MOST POPULAR BIRTH NAMES BY SEX OF CHILD

DELAWARE, 2005-2006

**Males**

Rank	2005	
	Name	Number
1	Michael	84
2	Ryan	71
3	Joshua	68
4	Anthony	67
5	Jacob	66
6	Matthew	64
7	William	61
8	Alexander	60
9	James	58
9	John	58
11	Nicholas	57
12	Joseph	56
12	Nathan	56
14	Andrew	55
15	Brandon	51

Rank	2006	
	Name	Number
1	Michael	69
2	Ryan	67
3	John	65
4	Jacob	63
5	Matthew	61
6	Alexander	58
6	Christopher	58
8	Nicholas	56
9	Anthony	55
9	William	55
11	Ethan	53
12	James	52
12	Joshua	52
14	Christian	48
15	Isaiah	47

**Females**

Rank	2005	
	Name	Number
1	Madison	60
2	Emily	53
3	Sarah	50
4	Ava	47
5	Emma	46
6	Alexis	45
7	Samantha	44
8	Abigail	43
9	Elizabeth	41
10	Olivia	40
11	Natalie	39
12	Hannah	38
13	Grace	37
14	Brianna	36
14	Isabella	36

Rank	2006	
	Name	Number
1	Madison	75
2	Emily	62
3	Ava	54
4	Isabella	47
5	Emma	46
6	Kayla	43
7	Alexis	40
7	Grace	40
7	Olivia	40
10	Elizabeth	39
10	Hannah	38
11	Sophia	37
13	Abigail	36
13	Brianna	36
15	Alyssa	32

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 Statistics Center

TABLE C-60  
RANKING OF PERCENTAGE OF LOW BIRTHWEIGHT (<2500 GRAMS)

U.S., 50 STATES AND DISTRICT OF COLUMBIA, 2006

State	Low Birthweight	
	Rate	Rank
Alabama	10.5	4
Alaska	6.0	51
Arizona	7.1	36
Arkansas	9.2	11
California	6.8	45
Colorado	8.9	14
Connecticut	8.1	29
<b>Delaware</b>	9.3	10
District of Columbia	11.5	2
Florida	8.7	18
Georgia	9.6	7
Hawaii	8.1	29
Idaho	6.9	39
Illinois	8.6	19
Indiana	8.2	28
Iowa	6.9	39
Kansas	7.2	35
Kentucky	9.1	12
Louisiana	11.3	3
Maine	6.8	45
Maryland	9.4	9
Massachusetts	7.9	33
Michigan	8.3	23
Minnesota	6.5	48
Mississippi	12.4	1
Missouri	8.1	29
Montana	7.3	34
Nebraska	7.1	36
Nevada	8.3	23
New Hampshire	6.9	39
New Jersey	8.6	19
New Mexico	8.9	14
New York	8.3	23
North Carolina	9.1	12
North Dakota	6.7	47
Ohio	8.8	17
Oklahoma	8.3	23
Oregon	6.1	50
Pennsylvania	8.4	21
Rhode Island	8.0	32
South Carolina	10.1	5
South Dakota	7.0	38
Tennessee	9.6	7
Texas	8.4	21
Utah	6.9	39
Vermont	6.9	39
Virginia	8.3	23
Washington	6.5	48
West Virginia	9.7	6
Wisconsin	6.9	39
Wyoming	8.9	14
United States	8.3	

**Sources:**

Delaware Health Statistics Center  
National Center for Health Statistics

NatLBW%

**Figure C-19**

**Percentage of Low Birth Weight Births (<2500 Grams)  
50 States and District of Columbia, 2006**

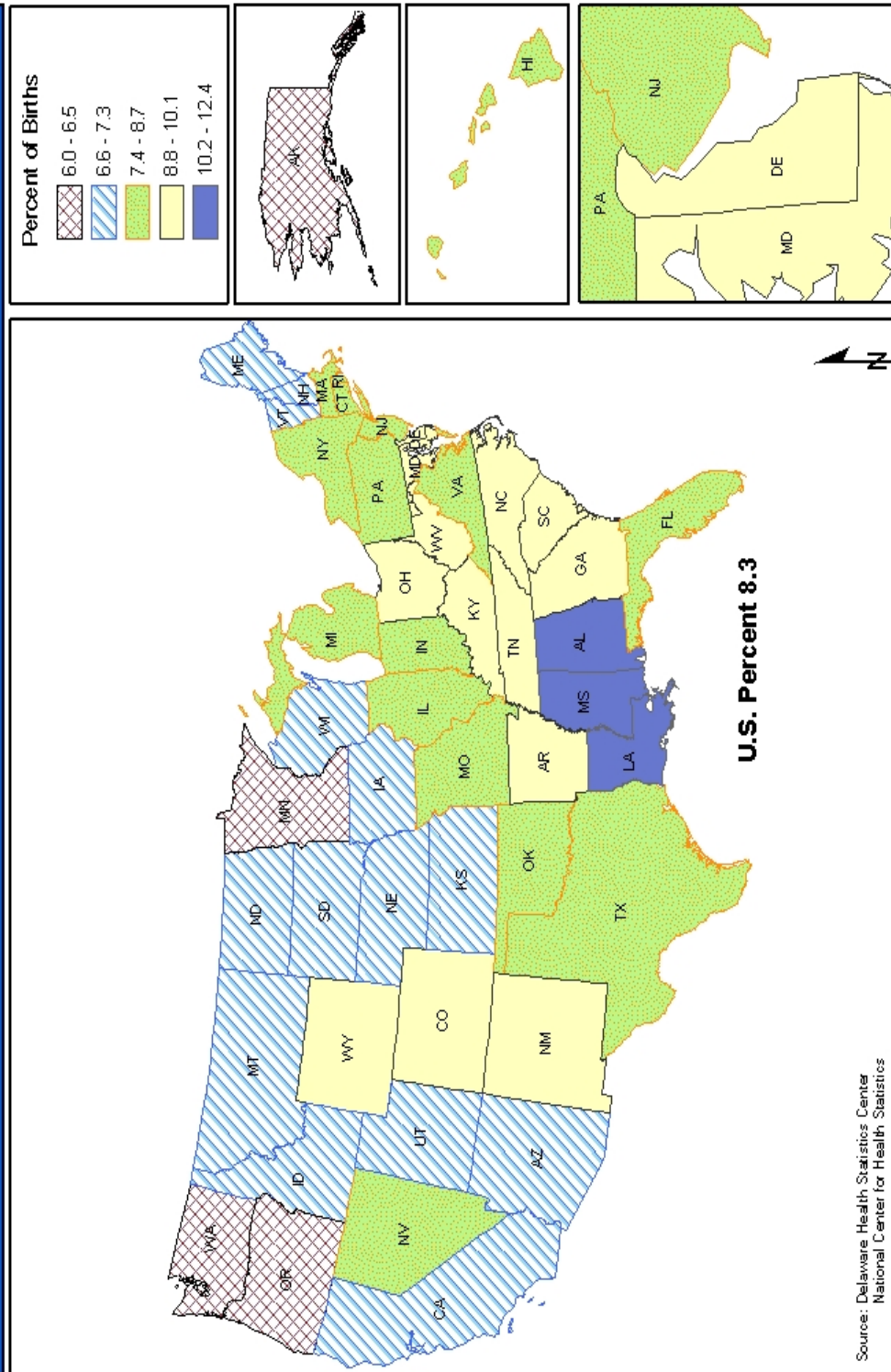


TABLE C-61  
RANKING OF PERCENTAGE OF LIVE BIRTHS BY CESAREAN DELIVERY AND  
PERCENTAGE OF BIRTHS TO SINGLE MOTHERS  
U.S., 50 STATES AND DISTRICT OF COLUMBIA, 2006

State	Cesarean Deliveries		Single Mothers	
	Rate	Rank	Rate	Rank
Alabama	33.4	8	36.6	30
Alaska	23.0	49	36.8	29
Arizona	25.6	43	44.0	8
Arkansas	33.2	10	41.8	10
California	31.3	19	37.6	26
Colorado	25.3	46	27.6	49
Connecticut	34.1	7	34.0	38
Delaware	30.7	22	45.6	5
District of Columbia	30.6	23	57.6	1
Florida	36.1	2	44.5	7
Georgia	31.3	19	42.4	9
Hawaii	25.6	43	36.0	31
Idaho	22.8	50	24.3	50
Illinois	29.6	30	38.7	22
Indiana	29.0	33	41.4	11
Iowa	27.7	39	33.8	39
Kansas	29.3	31	35.2	34
Kentucky	34.5	6	35.4	33
Louisiana	35.4	3	49.1	4
Maine	29.9	25	37.1	27
Maryland	32.2	18	39.7	19
Massachusetts	33.2	10	32.2	44
Michigan	29.8	28	38.3	23
Minnesota	25.4	45	31.7	46
Mississippi	35.4	3	52.8	2
Missouri	30.2	24	39.3	21
Montana	28.0	37	36.0	31
Nebraska	28.8	34	32.3	43
Nevada	32.3	17	41.2	13
New Hampshire	29.9	25	29.4	48
New Jersey	37.4	1	33.0	41
New Mexico	23.3	48	51.2	3
New York	32.6	14	40.0	18
North Carolina	29.9	25	40.1	17
North Dakota	27.8	38	31.7	46
Ohio	29.3	31	40.5	15
Oklahoma	33.3	9	40.9	14
Oregon	28.2	36	34.3	36
Pennsylvania	29.7	29	38.3	23
Rhode Island	31.1	21	40.5	15
South Carolina	32.9	13	45.5	6
South Dakota	27.0	40	37.1	27
Tennessee	32.4	15	41.4	11
Texas	33.2	10	39.4	20
Utah	21.5	51	18.8	51
Vermont	26.0	42	34.5	35
Virginia	32.4	15	33.8	39
Washington	28.4	35	31.8	45
West Virginia	35.2	5	37.9	25
Wisconsin	24.6	47	34.1	37
Wyoming	26.3	41	33.0	41
United States	31.1		38.5	

CSState

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

**Figure C-20**

**Percentage of Births Delivered by Cesarean Section  
50 States and District of Columbia, 2006**

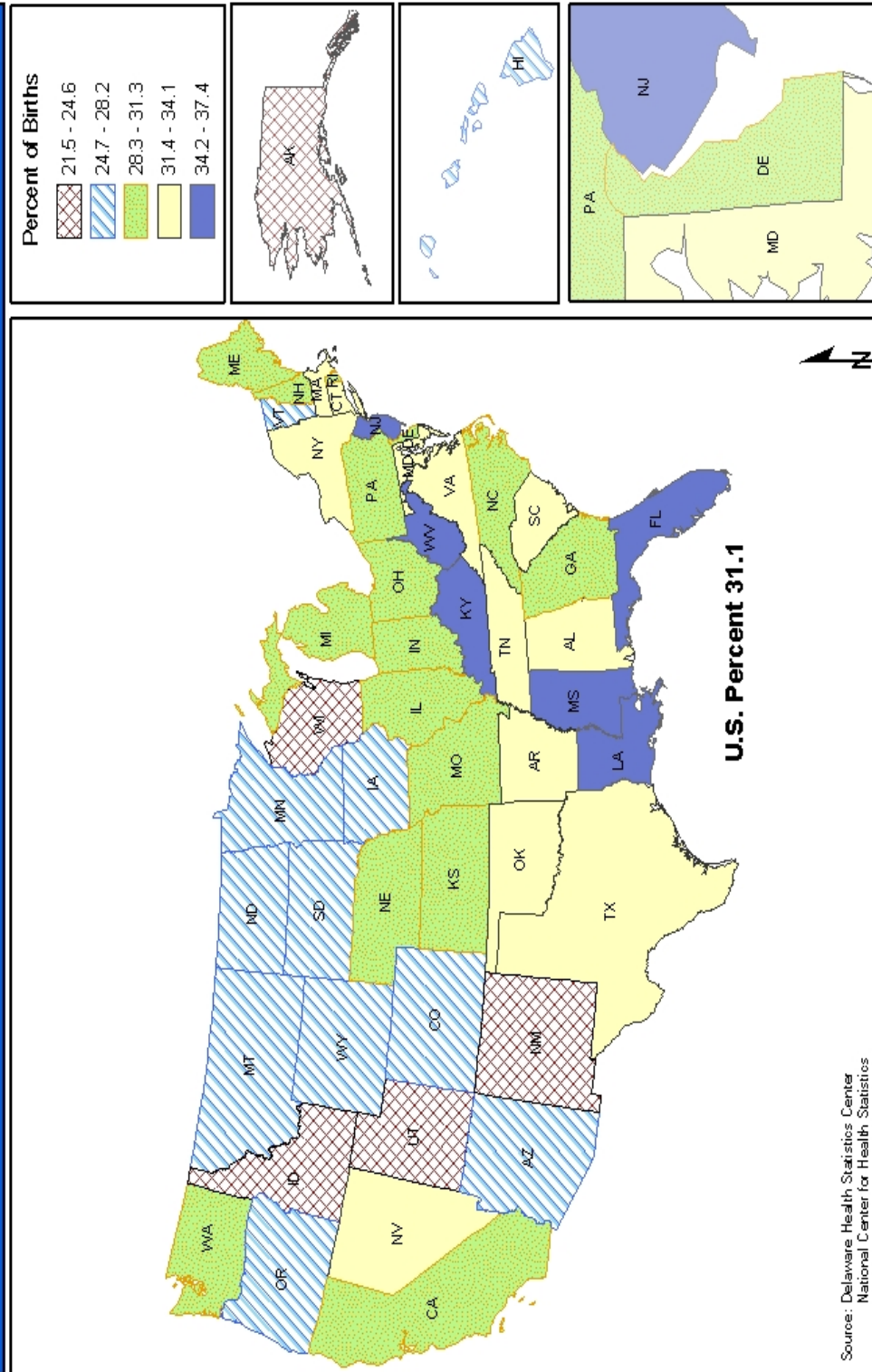
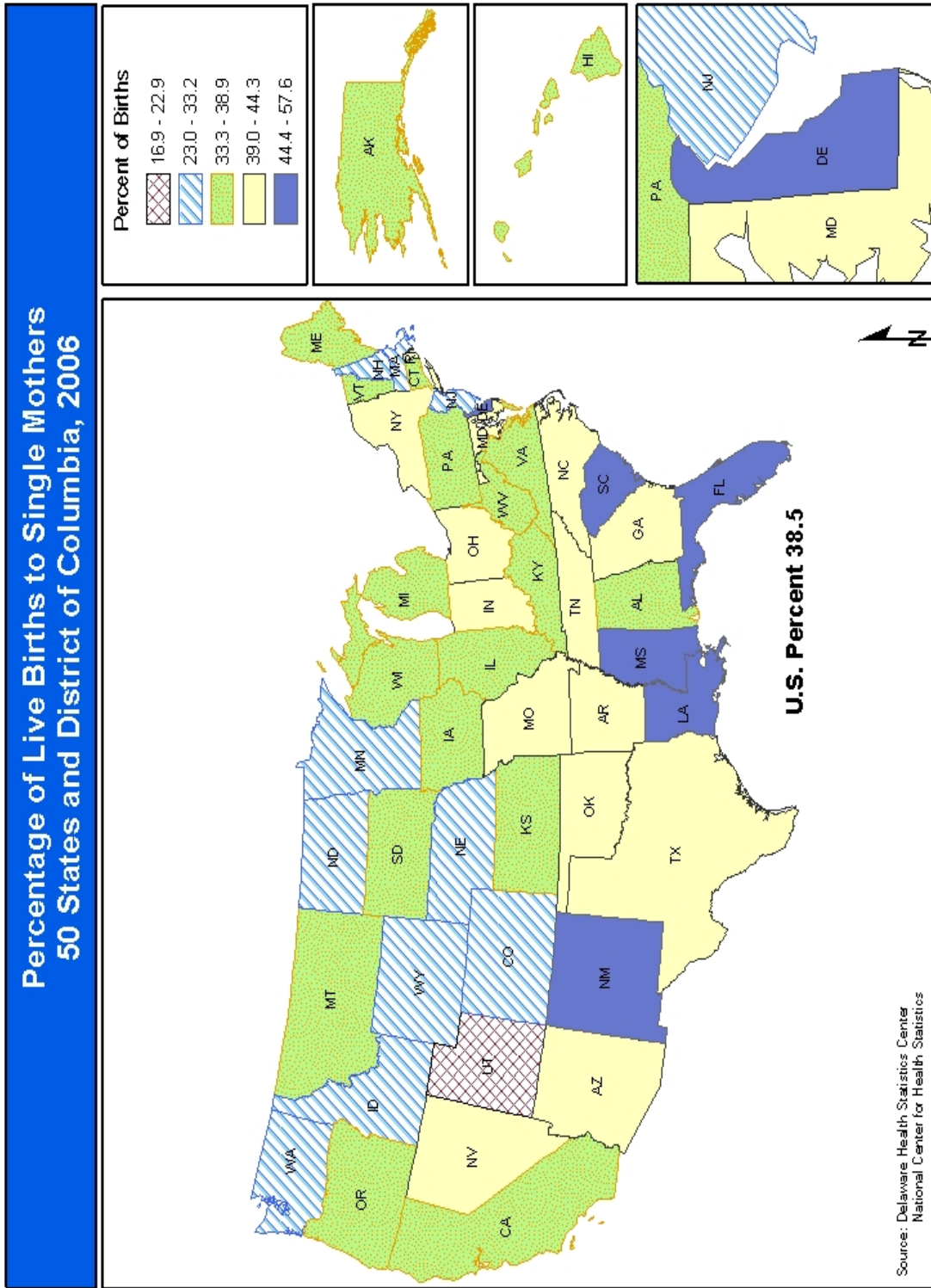


Figure C-21





The background of the slide consists of several parallel, diagonal grey lines that run from the top-left towards the bottom-right, creating a textured, striped effect.

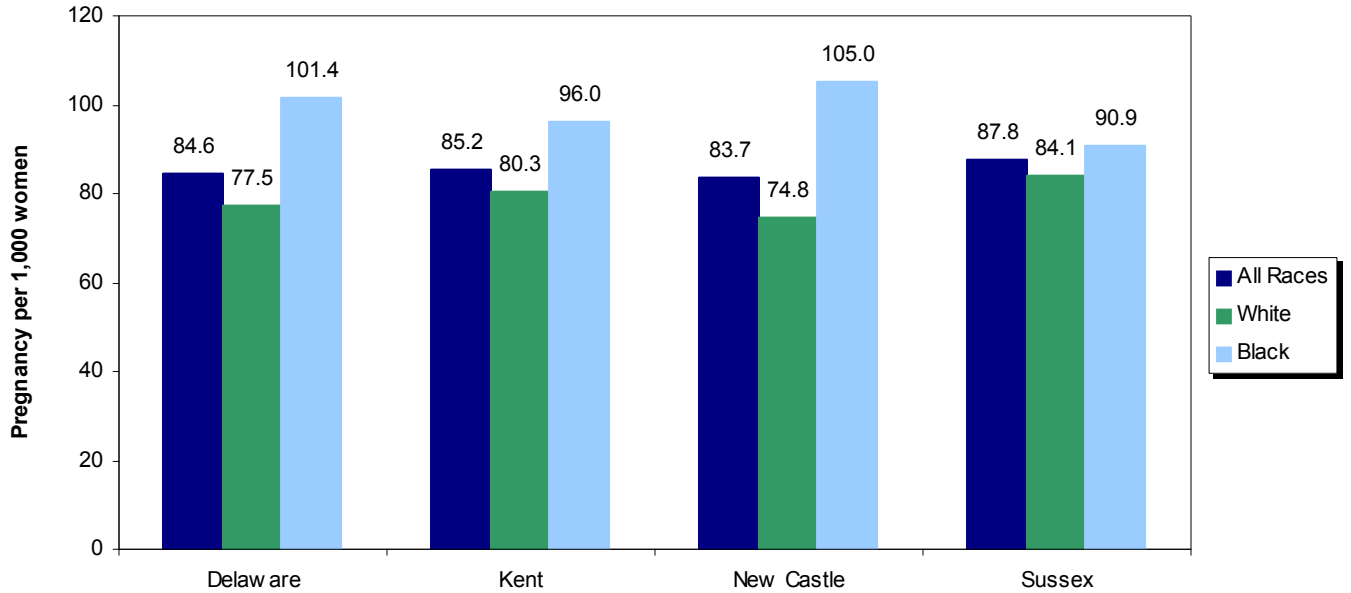
# **Reported Pregnancies**

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## REPORTED PREGNANCIES

At 84.6 reported pregnancies per 1,000 women ages 15-44, the 2002-2006 rate of reported pregnancies changed very little from 2001-2005. Although pregnancy rates of black mothers were significantly higher than those of white mothers in every county, New Castle County's difference between white (74.8) and black (105.0) was the largest of all the counties.

**Five-year Average Rate of Reported Pregnancies by Race  
Delaware and Counties, 2002-2006**

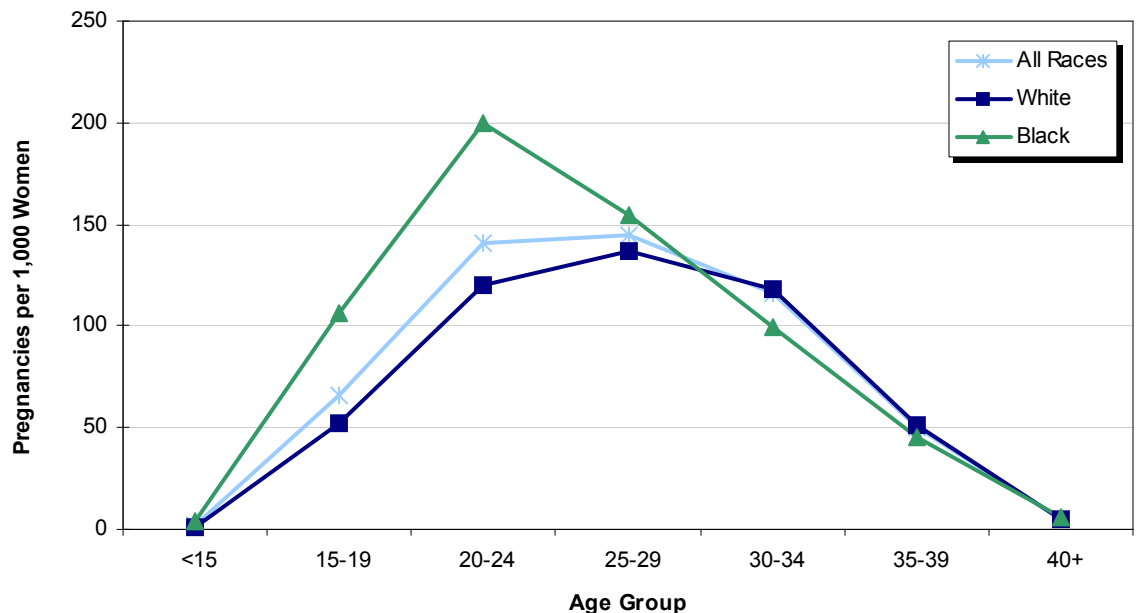


Source: Delaware Health Statistics Center

Overall, the 25-29 year age group had the highest pregnancy rate, with 144 pregnancies per 1,000 women in 2002-2006.

For all of the age groups under 30, black women had higher pregnancy rates than white women; for the 30-34 and 35-39 age groups, white women had higher pregnancy rates.

**Five-year Average Rate of Reported Pregnancies by Age and Race  
Delaware, 2002-2006**

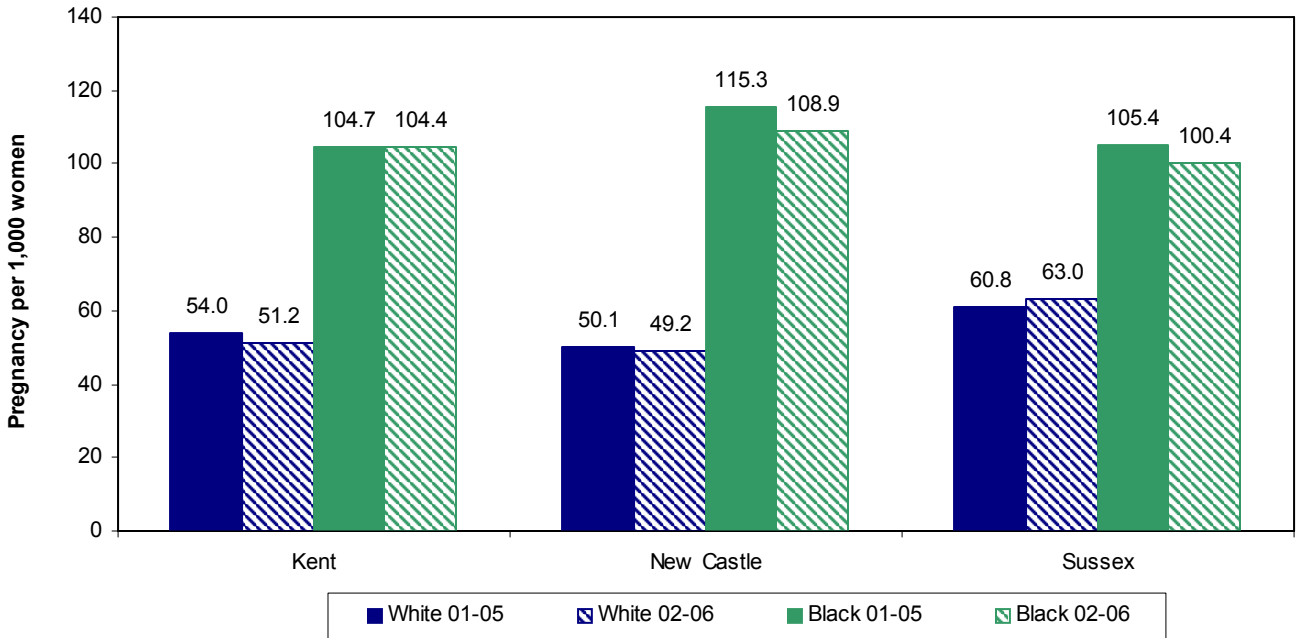


Source: Delaware Health Statistics Center

## REPORTED PREGNANCIES

White teens (15-19) in Sussex county experienced the only increase in teen pregnancy rates from 2001-2005 to 2002-2006; teen pregnancy rates for all of the other race and county groups declined or remained stable. With the exception of Sussex county, where white teen pregnancy rates were the highest, black teen pregnancy rates were twice that of white teens.

**Five-year Average Teenage (15-19) Pregnancy Rates by County and Race  
Delaware, 2001-2006**



Source: Delaware Health Statistics Center

- The five-year average (2002-2006) pregnancy rate for 15-17 year olds was lowest in Kent County, with 32.1 pregnancies per 1,000 females, followed by New Castle County, with a rate of 38.9, and Sussex county, with a rate of 39.4. (See Table D-8). For each of the counties, the 2002-2006 rate was lower than its 2001-2005 rate.
- The five-year average (2002-2006) pregnancy rate for 18-19 year olds was lowest in New Castle County (105.1 pregnancies per 1,000 females), and highest in Sussex County (123.1). See Table D-8.
- In 2006, there were 4,804 abortions performed in Delaware, 3,451 to Delaware residents and 1,353 to non-residents.
- Over half of all pregnancies to females under 15 ended in termination.
  - ⇒ 38.1 percent of pregnancies to white mothers under 15, and 59.4 percent of pregnancies to black mothers under 15 ended in terminations.
- Married women undergo significantly fewer terminations than their single counterparts.
  - ⇒ 4.5 percent of pregnancies to white married women ended in termination and 9.8 percent of pregnancies to black married women ended in termination.
  - ⇒ When the mothers were unmarried, these numbers increased to 33.9 and 38.1 percent respectively.
- There were 69 fetal deaths of Delaware residents in 2006.
- There were 11,898 live births to Delaware residents in 2006.

TABLE D-1  
NUMBER AND PERCENT OF REPORTED PREGNANCIES BY AGE OF WOMAN  
DELAWARE AND COUNTIES, 2006

Area/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	15418	100.0	11898	77.2	69	0.4	3451	22.4
<15	54	100.0	25	46.3	1	1.9	28	51.9
15-19	1868	100.0	1256	67.2	6	0.3	606	32.4
15-17	623	100.0	386	62.0	1	0.2	236	37.9
18-19	1245	100.0	870	69.9	5	0.4	370	29.7
20-24	4244	100.0	3057	72.0	21	0.5	1166	27.5
25-29	4082	100.0	3226	79.0	14	0.3	842	20.6
30-34	3160	100.0	2698	85.4	17	0.5	445	14.1
35-39	1654	100.0	1372	83.0	10	0.6	272	16.4
40+	356	100.0	264	74.2	0	0.0	92	25.8
<b>Kent</b>	2823	100.0	2233	79.1	5	0.2	585	20.7
<15	5	100.0	2	40.0	0	0.0	3	60.0
15-19	347	100.0	244	70.3	1	0.3	102	29.4
15-17	92	100.0	69	75.0	0	0.0	23	25.0
18-19	255	100.0	175	68.6	1	0.4	79	31.0
20-24	899	100.0	679	75.5	1	0.1	219	24.4
25-29	765	100.0	625	81.7	0	0.0	140	18.3
30-34	513	100.0	430	83.8	2	0.4	81	15.8
35-39	241	100.0	213	88.4	1	0.4	27	11.2
40+	53	100.0	40	75.5	0	0.0	13	24.5
<b>New Castle</b>	9733	100.0	7299	75.0	46	0.5	2388	24.5
<15	40	100.0	17	42.5	1	2.5	22	55.0
15-19	1126	100.0	699	62.1	3	0.3	424	37.7
15-17	420	100.0	235	56.0	1	0.2	184	43.8
18-19	706	100.0	464	65.7	2	0.3	240	34.0
20-24	2436	100.0	1652	67.8	15	0.6	769	31.6
25-29	2539	100.0	1953	76.9	10	0.4	576	22.7
30-34	2166	100.0	1840	84.9	11	0.5	315	14.5
35-39	1174	100.0	955	81.3	6	0.5	213	18.1
40+	252	100.0	183	72.6	0	0.0	69	27.4
<b>Sussex</b>	2862	100.0	2366	82.7	18	0.6	478	16.7
<15	9	100.0	6	66.7	0	0.0	3	33.3
15-19	395	100.0	313	79.2	2	0.5	80	20.3
15-17	111	100.0	82	73.9	0	0.0	29	26.1
18-19	284	100.0	231	81.3	2	0.7	51	18.0
20-24	909	100.0	726	79.9	5	0.6	178	19.6
25-29	778	100.0	648	83.3	4	0.5	126	16.2
30-34	481	100.0	428	89.0	4	0.8	49	10.2
35-39	239	100.0	204	85.4	3	1.3	32	13.4
40+	51	100.0	41	80.4	0	0.0	10	19.6

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 Statistics Center

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

DELAWARE, 2006

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>	15418	100.0	11898	77.2	69	0.4	3451	22.4
<15	54	100.0	25	46.3	1	1.9	28	51.9
15-19	1868	100.0	1256	67.2	6	0.3	606	32.4
15-17	623	100.0	386	62.0	1	0.2	236	37.9
18-19	1245	100.0	870	69.9	5	0.4	370	29.7
20-24	4244	100.0	3057	72.0	21	0.5	1166	27.5
25-29	4082	100.0	3226	79.0	14	0.3	842	20.6
30-34	3160	100.0	2698	85.4	17	0.5	445	14.1
35-39	1654	100.0	1372	83.0	10	0.6	272	16.4
40+	356	100.0	264	74.2	0	0.0	92	25.8
<b>White</b>	10224	100.0	8319	81.4	39	0.4	1866	18.3
<15	21	100.0	13	61.9	0	0.0	8	38.1
15-19	1057	100.0	730	69.1	3	0.3	324	30.7
15-17	324	100.0	207	63.9	0	0.0	117	36.1
18-19	733	100.0	523	71.4	3	0.4	207	28.2
20-24	2619	100.0	1965	75.0	11	0.4	643	24.6
25-29	2823	100.0	2356	83.5	8	0.3	459	16.3
30-34	2279	100.0	2046	89.8	10	0.4	223	9.8
35-39	1180	100.0	1021	86.5	7	0.6	152	12.9
40+	245	100.0	188	76.7	0	0.0	57	23.3
<b>Black</b>	4491	100.0	3021	67.3	29	0.6	1441	32.1
<15	32	100.0	12	37.5	1	3.1	19	59.4
15-19	783	100.0	511	65.3	3	0.4	269	34.4
15-17	284	100.0	173	60.9	1	0.4	110	38.7
18-19	499	100.0	338	67.7	2	0.4	159	31.9
20-24	1514	100.0	1015	67.0	10	0.7	489	32.3
25-29	1036	100.0	690	66.6	6	0.6	340	32.8
30-34	671	100.0	473	70.5	6	0.9	192	28.6
35-39	368	100.0	260	70.7	3	0.8	105	28.5
40+	87	100.0	60	69.0	0	0.0	27	31.0
<b>Other</b>	697	100.0	552	79.2	1	0.1	144	20.7
<15	1	100.0	0	0.0	0	0.0	1	100.0
15-19	27	100.0	14	51.9	0	0.0	13	48.1
15-17	15	100.0	6	40.0	0	0.0	9	60.0
18-19	12	100.0	8	66.7	0	0.0	4	33.3
20-24	111	100.0	77	69.4	0	0.0	34	30.6
25-29	223	100.0	180	80.7	0	0.0	43	19.3
30-34	209	100.0	178	85.2	1	0.5	30	14.4
35-39	103	100.0	88	85.4	0	0.0	15	14.6
40+	23	100.0	15	65.2	0	0.0	8	34.8
<b>Hispanic*</b>	2322	100.0	1920	82.7	17	0.7	385	16.6
<15	12	100.0	11	91.7	0	0.0	1	8.3
15-19	335	100.0	279	83.3	1	0.3	55	16.4
15-17	104	100.0	86	82.7	0	0.0	18	17.3
18-19	231	100.0	193	83.5	1	0.4	37	16.0
20-24	756	100.0	614	81.2	4	0.5	138	18.3
25-29	668	100.0	551	82.5	4	0.6	113	16.9
30-34	362	100.0	310	85.6	3	0.8	49	13.5
35-39	153	100.0	123	80.4	5	3.3	25	16.3
40+	36	100.0	32	88.9	0	0.0	4	11.1

PRACEAGE

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE D-3  
NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN  
DELAWARE, 2006

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>	15418	100.0	11898	77.2	69	0.4	3451	22.4
<9	1023	100.0	909	88.9	13	1.3	101	9.9
9 to 11	2441	100.0	1922	78.7	12	0.5	507	20.8
H.S. Grad	4768	100.0	3037	63.7	28	0.6	1703	35.7
1 to 3 College	3276	100.0	2745	83.8	7	0.2	524	16.0
4+ College	3505	100.0	3231	92.2	9	0.3	265	7.6
Unknown	405	100.0	54	13.3	0	0.0	351	86.7
<b>White</b>	10224	100.0	8319	81.4	39	0.4	1866	18.3
<9	917	100.0	831	90.6	12	1.3	74	8.1
9 to 11	1505	100.0	1198	79.6	4	0.3	303	20.1
H.S. Grad	2882	100.0	1947	67.6	13	0.5	922	32.0
1 to 3 College	2107	100.0	1844	87.5	4	0.2	259	12.3
4+ College	2607	100.0	2464	94.5	6	0.2	137	5.3
Unknown	206	100.0	35	17.0	0	0.0	171	83.0
<b>Black</b>	4491	100.0	3021	67.3	29	0.6	1441	32.1
<9	87	100.0	66	75.9	1	1.1	20	23.0
9 to 11	889	100.0	690	77.6	8	0.9	191	21.5
H.S. Grad	1752	100.0	1006	57.4	15	0.9	731	41.7
1 to 3 College	1062	100.0	812	76.5	3	0.3	247	23.3
4+ College	528	100.0	431	81.6	2	0.4	95	18.0
Unknown	173	100.0	16	9.2	0	0.0	157	90.8
<b>Other</b>	697	100.0	552	79.2	1	0.1	144	20.7
<9	19	100.0	12	63.2	0	0.0	7	36.8
9 to 11	47	100.0	34	72.3	0	0.0	13	27.7
H.S. Grad	131	100.0	81	61.8	0	0.0	50	38.2
1 to 3 College	104	100.0	86	82.7	0	0.0	18	17.3
4+ College	370	100.0	336	90.8	1	0.3	33	8.9
Unknown	26	100.0	3	11.5	0	0.0	23	88.5
<b>Hispanic*</b>	2322	100.0	1920	82.7	17	0.7	385	16.6
<9	746	100.0	673	90.2	11	1.5	62	8.3
9 to 11	677	100.0	550	81.2	0	0.0	127	18.8
H.S. Grad	488	100.0	370	75.8	5	1.0	113	23.2
1 to 3 College	225	100.0	205	91.1	1	0.4	19	8.4
4+ College	120	100.0	103	85.8	0	0.0	17	14.2
Unknown	66	100.0	19	28.8	0	0.0	47	71.2

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 Statistics Center

TABLE D-4  
NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE AND MARITAL STATUS OF WOMAN

DELAWARE AND COUNTIES, 2006

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	15418	100.0	11898	77.2	69	0.4	3451	22.4
Married	6931	100.0	6507	93.9	29	0.4	395	5.7
Single	8487	100.0	5391	63.5	40	0.5	3056	36.0
White	10224	100.0	8319	81.4	39	0.4	1866	18.3
Married	5423	100.0	5159	95.1	21	0.4	243	4.5
Single	4801	100.0	3160	65.8	18	0.4	1623	33.8
Black	4491	100.0	3021	67.3	29	0.6	1441	32.1
Married	963	100.0	861	89.4	7	0.7	95	9.9
Single	3528	100.0	2160	61.2	22	0.6	1346	38.2
Other	697	100.0	552	79.2	1	0.1	144	20.7
Married	539	100.0	481	89.2	1	0.2	57	10.6
Single	158	100.0	71	44.9	0	0.0	87	55.1
<b>Kent</b>								
All Races	2823	100.0	2233	79.1	5	0.2	585	20.7
Married	1361	100.0	1298	95.4	1	0.1	62	4.6
Single	1462	100.0	935	64.0	4	0.3	523	35.8
White	1890	100.0	1574	83.3	1	0.1	315	16.7
Married	1088	100.0	1044	96.0	1	0.1	43	4.0
Single	802	100.0	530	66.1	0	0.0	272	33.9
Black	841	100.0	579	68.8	4	0.5	258	30.7
Married	204	100.0	187	91.7	0	0.0	17	8.3
Single	637	100.0	392	61.5	4	0.6	241	37.8
Other	89	100.0	77	86.5	0	0.0	12	13.5
Married	66	100.0	64	97.0	0	0.0	2	3.0
Single	23	100.0	13	56.5	0	0.0	10	43.5
<b>New Castle</b>								
All Races	9733	100.0	7299	75.0	46	0.5	2388	24.5
Married	4458	100.0	4149	93.1	21	0.5	288	6.5
Single	5275	100.0	3150	59.7	25	0.5	2100	39.8
White	6061	100.0	4841	79.9	27	0.4	1193	19.7
Married	3350	100.0	3172	94.7	16	0.5	162	4.8
Single	2711	100.0	1669	61.6	11	0.4	1031	38.0
Black	3127	100.0	2026	64.8	18	0.6	1083	34.6
Married	665	100.0	587	88.3	4	0.6	74	11.1
Single	2462	100.0	1439	58.4	14	0.6	1009	41.0
Other	542	100.0	429	79.2	1	0.2	112	20.7
Married	440	100.0	387	88.0	1	0.2	52	11.8
Single	102	100.0	42	41.2	0	0.0	60	58.8
<b>Sussex</b>								
All Races	2862	100.0	2366	82.7	18	0.6	478	16.7
Married	1112	100.0	1060	95.3	7	0.6	45	4.0
Single	1750	100.0	1306	74.6	11	0.6	433	24.7
White	2273	100.0	1904	83.8	11	0.5	358	15.8
Married	985	100.0	943	95.7	4	0.4	38	3.9
Single	1288	100.0	961	74.6	7	0.5	320	24.8
Black	523	100.0	416	79.5	7	1.3	100	19.1
Married	94	100.0	87	92.6	3	3.2	4	4.3
Single	429	100.0	329	76.7	4	0.9	96	22.4
Other	66	100.0	46	69.7	0	0.0	20	30.3
Married	33	100.0	30	90.9	0	0.0	3	9.1
Single	33	100.0	16	48.5	0	0.0	17	51.5

**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 Statistics Center

PRMARIT



TABLE D-5  
NUMBER OF REPORTED PREGNANCIES BY AGE OF WOMAN

DELAWARE AND COUNTIES, 1997-2006

(ALL RACES)

Area/ Age	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Delaware</b>	13698	14148	14077	14516	14293	14408	14523	14671	14699	15418
<15	75	73	55	66	68	55	48	39	37	54
15-19	2169	2210	2155	2092	1971	1898	1851	1831	1786	1868
15-17	865	843	790	769	747	659	645	660	598	623
18-19	1304	1367	1365	1323	1224	1239	1206	1171	1188	1245
20-24	3279	3539	3676	3873	3912	3948	4028	4022	4029	4244
25-29	3632	3670	3605	3682	3520	3536	3568	3704	3802	4082
30-34	2981	3021	2897	3050	3067	3141	3204	3131	3110	3160
35-39	1314	1384	1418	1454	1414	1495	1492	1568	1579	1654
40+	248	251	271	299	341	335	332	376	356	356
<b>Kent</b>	2195	2433	2440	2461	2358	2450	2546	2496	2793	2823
<15	9	15	11	7	10	12	4	10	7	5
15-19	364	382	419	390	365	361	338	337	354	347
15-17	120	132	151	123	132	110	102	111	101	92
18-19	244	250	268	267	233	251	236	226	253	255
20-24	643	768	746	825	777	827	907	862	933	899
25-29	550	645	614	635	576	600	609	624	746	765
30-34	433	412	399	391	394	400	438	418	478	513
35-39	163	174	206	181	198	203	194	195	219	241
40+	33	37	45	32	38	47	56	50	56	53
<b>New Castle</b>	9230	9422	9385	9681	9497	9460	9505	9500	9288	9733
<15	50	43	31	45	43	27	38	21	24	40
15-19	1351	1428	1334	1326	1223	1169	1171	1131	1043	1126
15-17	549	536	496	514	497	430	423	411	378	420
18-19	802	892	838	812	726	739	748	720	665	706
20-24	2002	2084	2264	2345	2393	2347	2353	2281	2273	2436
25-29	2503	2458	2396	2445	2313	2342	2356	2379	2398	2539
30-34	2149	2203	2111	2223	2245	2269	2261	2252	2161	2166
35-39	989	1029	1056	1080	1027	1072	1104	1163	1155	1174
40+	186	177	193	217	253	234	222	273	234	252
<b>Sussex</b>	2273	2293	2252	2374	2438	2498	2472	2675	2618	2862
<15	16	15	13	14	15	16	6	8	6	9
15-19	454	400	402	376	383	368	342	363	389	395
15-17	196	175	143	132	118	119	120	138	119	111
18-19	258	225	259	244	265	249	222	225	270	284
20-24	634	687	666	703	742	774	768	879	823	909
25-29	579	567	595	602	631	594	603	701	658	778
30-34	399	406	387	436	428	472	505	461	471	481
35-39	162	181	156	193	189	220	194	210	205	239
40+	29	37	33	50	50	54	54	53	66	51

PRACERAT1

**Note:**

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

**Source:**

Delaware Health Statistics Center

TABLE D-6  
NUMBER OF REPORTED PREGNANCIES BY AGE OF WOMAN

DELAWARE AND COUNTIES, 1997-2006

(WHITE)

Area/ Age	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Delaware</b>	9553	9657	9478	9773	9494	9592	9415	9711	9774	10224
<15	23	23	26	22	21	23	16	17	18	21
15-19	1226	1224	1183	1135	1069	1038	1017	1009	1011	1057
15-17	471	453	405	378	404	332	338	342	328	324
18-19	755	771	778	757	665	706	679	667	683	733
20-24	2041	2169	2173	2331	2339	2395	2377	2465	2532	2619
25-29	2689	2628	2539	2583	2409	2433	2349	2494	2557	2823
30-34	2343	2354	2252	2364	2321	2353	2341	2310	2243	2279
35-39	1039	1062	1090	1109	1083	1107	1079	1143	1152	1180
40+	192	197	215	229	252	243	236	273	261	245
<b>Kent</b>	1546	1669	1688	1690	1618	1650	1694	1683	1877	1890
<15	5	3	3	2	5	3	1	6	2	3
15-19	219	232	255	235	213	206	196	186	200	188
15-17	74	81	88	69	85	66	61	58	57	44
18-19	145	151	167	166	128	140	135	128	143	144
20-24	403	484	484	530	513	530	562	555	604	564
25-29	431	476	442	462	411	413	418	428	513	550
30-34	335	320	316	299	293	313	335	328	356	370
35-39	123	128	158	138	150	153	145	141	164	177
40+	30	26	30	24	33	32	37	39	38	38
<b>New Castle</b>	6310	6275	6172	6347	6132	6075	5982	5978	5890	6061
<15	13	12	15	14	11	13	10	10	12	13
15-19	716	754	689	680	645	604	607	573	549	592
15-17	276	275	239	238	253	195	201	193	187	206
18-19	440	479	450	442	392	409	406	380	362	386
20-24	1195	1209	1253	1321	1353	1311	1326	1271	1350	1357
25-29	1793	1692	1632	1655	1512	1555	1507	1508	1513	1639
30-34	1671	1686	1629	1710	1661	1643	1598	1591	1481	1492
35-39	783	781	799	805	773	779	779	831	815	803
40+	139	141	155	162	177	170	155	194	170	165
<b>Sussex</b>	1697	1713	1618	1736	1744	1867	1739	2050	2007	2273
<15	5	8	8	6	5	7	5	1	4	5
15-19	291	238	239	220	211	228	214	250	262	277
15-17	121	97	78	71	66	71	76	91	84	74
18-19	170	141	161	149	145	157	138	159	178	203
20-24	443	476	436	480	473	554	489	639	578	698
25-29	465	460	465	466	486	465	424	558	531	634
30-34	337	348	307	355	367	397	408	391	406	417
35-39	133	153	133	166	160	175	155	171	173	200
40+	23	30	30	43	42	41	44	40	53	42

**Note:**

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

**Source:**

Delaware Health Statistics Center

PRACERAT2

TABLE D-7  
NUMBER OF REPORTED PREGNANCIES BY AGE OF WOMAN

DELAWARE AND COUNTIES, 1997-2006

(BLACK)

Area/ Age	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Delaware</b>	3778	4008	4070	4116	4197	4081	4237	4233	4187	4491
<15	51	49	28	42	47	29	31	22	18	32
15-19	915	952	927	922	848	812	770	783	741	783
15-17	385	381	370	379	328	317	293	308	262	284
18-19	530	571	557	543	520	495	477	475	479	499
20-24	1182	1270	1390	1420	1446	1411	1469	1428	1372	1514
25-29	839	893	906	878	929	874	934	975	1020	1036
30-34	530	551	508	529	583	586	652	608	632	671
35-39	218	247	272	275	273	298	314	333	325	368
40+	43	46	39	50	71	71	67	84	79	87
<b>Kent</b>	593	683	692	668	661	709	768	703	785	841
<15	4	12	7	4	5	8	3	4	5	2
15-19	137	142	159	149	146	149	131	141	135	154
15-17	45	48	61	52	45	44	39	50	42	48
18-19	92	94	98	97	101	105	92	91	93	106
20-24	227	259	243	271	241	276	327	280	299	313
25-29	104	144	159	132	146	151	168	165	197	186
30-34	87	79	73	71	79	74	87	61	93	119
35-39	31	38	42	33	39	39	40	42	42	55
40+	3	9	9	8	5	12	12	10	14	12
<b>New Castle</b>	2641	2806	2853	2922	2990	2907	2957	2988	2869	3127
<15	36	30	16	31	32	14	27	11	12	26
15-19	621	655	625	634	566	549	536	534	486	516
15-17	269	258	252	271	241	232	216	212	186	201
18-19	352	397	373	363	325	317	320	322	300	315
20-24	768	820	954	960	988	969	947	934	850	1007
25-29	629	661	649	647	674	643	653	687	717	725
30-34	389	424	371	395	457	458	500	495	491	504
35-39	164	186	211	218	213	226	247	263	259	282
40+	34	30	27	37	60	48	47	64	54	67
<b>Sussex</b>	544	519	525	526	546	465	512	542	533	523
<15	11	7	5	7	10	7	1	7	1	4
15-19	157	155	143	139	136	114	103	108	120	113
15-17	71	75	57	56	42	41	38	46	34	35
18-19	86	80	86	83	94	73	65	62	86	78
20-24	187	191	193	189	217	166	195	214	223	194
25-29	106	88	98	99	109	80	113	123	106	125
30-34	54	48	64	63	47	54	65	52	48	48
35-39	23	23	19	24	21	33	27	28	24	31
40+	6	7	3	5	6	11	8	10	11	8

**Note:**

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

**Source:**

Delaware Health Statistics Center

PRACERAT3

TABLE D-8  
FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN

DELAWARE AND COUNTIES, 1997-2006

(ALL RACES)

Area/ Age	1997- 2001	1998- 2002	1999- 2003	2000- 2004	2001- 2005	2002- 2006
<b>Delaware</b>	81.9	82.5	82.8	83.3	83.5	84.6
<15	2.6	2.4	2.1	2.0	1.8	1.7
15-19	78.9	76.6	73.6	70.8	68.2	66.3
15-17	52.8	49.3	45.8	43.1	40.0	37.7
18-19	113.0	113.3	112.2	111.3	111.1	110.6
20-24	142.0	142.1	141.0	139.9	138.5	141.0
25-29	137.2	140.8	143.4	145.6	145.1	144.4
30-34	101.0	103.5	106.3	109.6	112.1	115.7
35-39	42.8	44.0	45.0	46.6	48.3	50.6
40+	4.8	4.9	5.1	5.3	5.3	5.3
<b>Kent</b>	82.7	83.7	83.6	82.9	83.7	85.2
<15	2.1	2.2	1.8	1.7	1.7	1.5
15-19	78.8	77.7	74.9	70.5	67.8	65.4
15-17	45.1	44.2	41.6	37.9	35.5	32.1
18-19	129.1	127.0	123.8	119.4	117.5	116.5
20-24	176.4	175.7	172.9	169.2	166.1	166.3
25-29	138.1	143.4	143.3	142.8	144.4	145.5
30-34	84.2	84.7	87.0	88.4	92.0	97.2
35-39	34.2	35.6	36.6	36.6	38.7	40.9
40+	4.0	4.2	4.4	4.3	4.6	4.7
<b>New Castle</b>	81.8	82.3	82.6	83.1	82.8	83.7
<15	2.6	2.2	2.1	2.0	1.7	1.7
15-19	75.4	74.1	71.7	69.8	66.7	64.8
15-17	54.1	51.1	47.9	45.1	41.3	38.9
18-19	100.6	102.6	102.7	104.4	105.3	105.1
20-24	124.6	123.9	123.1	121.4	120.3	123.4
25-29	135.2	138.3	141.3	142.8	140.8	138.4
30-34	109.1	111.7	113.9	117.5	119.7	123.0
35-39	48.3	49.3	50.4	52.2	53.8	56.1
40+	5.3	5.4	5.6	5.8	5.8	5.8
<b>Sussex</b>	81.6	82.1	82.5	84.7	85.6	87.8
<15	3.0	2.9	2.6	2.3	2.0	1.8
15-19	93.7	85.0	79.1	75.0	73.4	72.7
15-17	56.6	48.4	42.9	41.6	40.3	39.4
18-19	156.5	146.4	138.9	128.6	124.5	123.1
20-24	186.6	191.2	190.1	192.9	188.0	185.0
25-29	145.4	148.6	152.5	160.2	164.4	169.9
30-34	83.9	88.2	94.0	98.4	101.3	105.7
35-39	30.5	32.4	33.0	35.5	36.8	39.4
40+	3.6	3.9	4.0	4.2	4.4	4.3

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 Statistics Center

TABLE D-9  
FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN

DELAWARE AND COUNTIES, 1997-2006

(WHITE)

Area/ Age	1997- 2001	1998- 2002	1999- 2003	2000- 2004	2001- 2005	2002- 2006
<b>Delaware</b>	75.4	75.4	75.1	75.5	75.9	77.5
<15	1.2	1.2	1.1	1.0	1.0	1.0
15-19	60.9	58.7	56.3	54.2	53.0	52.3
15-17	39.7	36.3	33.3	31.3	29.8	28.0
18-19	87.2	87.9	87.6	87.3	88.0	89.6
20-24	118.0	117.7	116.1	116.1	116.8	120.6
25-29	134.8	136.6	137.0	137.9	136.9	137.1
30-34	107.2	109.3	111.1	113.4	114.8	118.1
35-39	43.8	44.7	45.5	46.9	48.7	50.8
40+	4.8	4.9	4.9	5.0	5.1	5.0
<b>Kent</b>	79.3	79.8	79.3	78.2	79.0	80.3
<15	1.0	0.9	0.8	0.9	0.9	0.8
15-19	71.8	68.4	63.8	57.6	54.0	51.2
15-17	39.9	37.8	34.7	30.8	29.0	24.9
18-19	123.9	118.1	110.0	99.8	92.9	91.3
20-24	170.8	176.2	176.1	173.1	168.8	163.3
25-29	140.7	143.1	142.5	143.1	146.9	153.3
30-34	86.9	87.9	90.1	91.3	95.3	100.5
35-39	34.1	35.5	36.6	36.3	38.3	40.5
40+	4.1	4.0	4.1	4.2	4.4	4.4
<b>New Castle</b>	74.0	73.9	73.7	73.8	73.8	74.8
<15	1.1	1.1	1.1	1.0	0.9	1.0
15-19	54.3	53.7	52.3	51.3	50.1	49.2
15-17	38.5	35.8	33.1	30.9	29.0	27.2
18-19	71.4	74.2	76.0	78.9	81.7	83.2
20-24	95.8	93.7	92.4	91.4	92.6	96.6
25-29	130.1	131.6	132.5	131.5	127.5	124.3
30-34	116.9	118.9	120.0	122.0	122.4	124.9
35-39	49.7	50.4	51.4	53.1	55.0	56.9
40+	5.3	5.4	5.4	5.6	5.6	5.6
<b>Sussex</b>	76.8	77.0	76.1	78.7	80.3	84.1
<15	1.8	1.8	1.7	1.3	1.2	1.2
15-19	76.4	67.8	62.8	60.6	60.8	63.0
15-17	43.6	36.2	32.6	32.8	33.4	33.7
18-19	133.0	121.6	113.4	105.5	102.9	107.1
20-24	171.3	176.7	171.7	176.5	171.7	173.8
25-29	147.7	149.6	149.2	157.4	164.5	173.6
30-34	89.7	93.8	97.8	102.6	106.2	111.0
35-39	32.3	33.9	34.0	36.2	37.4	40.0
40+	3.6	3.9	4.0	4.1	4.1	4.1

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 Statistics Center

TABLE D-10  
FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN

DELAWARE AND COUNTIES, 1997-2006

(BLACK)

Area/ Age	1997- 2001	1998- 2002	1999- 2003	2000- 2004	2001- 2005	2002- 2006
<b>Delaware</b>	105.1	104.6	103.8	102.9	101.6	101.4
<15	6.4	5.6	4.9	4.6	3.9	3.5
15-19	137.7	132.6	125.3	119.2	111.7	106.7
15-17	93.3	89.0	83.1	78.0	69.9	65.6
18-19	203.2	196.1	187.0	181.3	177.0	171.6
20-24	231.9	225.4	218.8	209.8	201.0	199.5
25-29	150.7	154.8	157.7	158.5	158.5	154.1
30-34	80.4	82.0	85.4	89.4	94.1	99.0
35-39	37.0	38.5	39.8	41.1	42.3	45.0
40+	4.2	4.5	4.6	5.1	5.4	5.4
<b>Kent</b>	94.1	95.3	95.5	93.6	94.0	96.0
<15	5.2	5.7	4.2	3.7	3.8	3.3
15-19	96.6	102.0	104.6	105.5	104.7	104.4
15-17	59.7	63.0	63.0	59.7	54.9	53.8
18-19	142.6	148.2	154.5	165.7	178.7	183.1
20-24	195.9	178.1	169.4	161.9	160.0	171.0
25-29	133.1	143.5	144.1	135.9	133.6	122.7
30-34	75.0	73.1	74.9	72.5	75.2	81.3
35-39	33.0	34.0	34.4	34.5	36.1	38.8
40+	3.6	4.3	4.4	4.3	4.7	5.1
<b>New Castle</b>	109.8	109.6	108.6	107.7	105.6	105.0
<15	6.6	5.3	5.0	4.6	3.7	3.5
15-19	151.6	144.0	133.9	125.7	115.3	108.9
15-17	104.3	98.6	92.2	86.0	76.5	70.8
18-19	224.4	213.3	197.6	187.0	176.7	169.4
20-24	242.3	243.1	238.7	228.8	215.2	210.3
25-29	158.3	162.2	165.1	167.8	169.9	168.2
30-34	85.8	88.0	91.1	97.1	103.0	108.0
35-39	41.3	42.7	44.1	45.4	46.6	49.2
40+	4.6	4.7	4.9	5.5	5.7	5.7
<b>Sussex</b>	96.9	92.7	91.8	92.0	92.0	90.9
<15	7.1	6.3	5.2	5.6	4.6	3.6
15-19	143.1	129.4	117.5	109.7	105.4	100.4
15-17	95.3	82.8	70.4	66.2	60.0	57.4
18-19	220.9	204.4	192.7	179.4	175.7	167.1
20-24	240.9	225.8	217.4	212.6	212.2	201.1
25-29	133.1	129.9	136.9	142.7	139.9	137.7
30-34	58.9	60.2	66.5	66.7	66.7	70.2
35-39	21.3	23.3	24.3	26.6	27.0	29.7
40+	3.1	3.5	3.5	4.2	4.7	4.8

PRACERAT6

**Notes:**

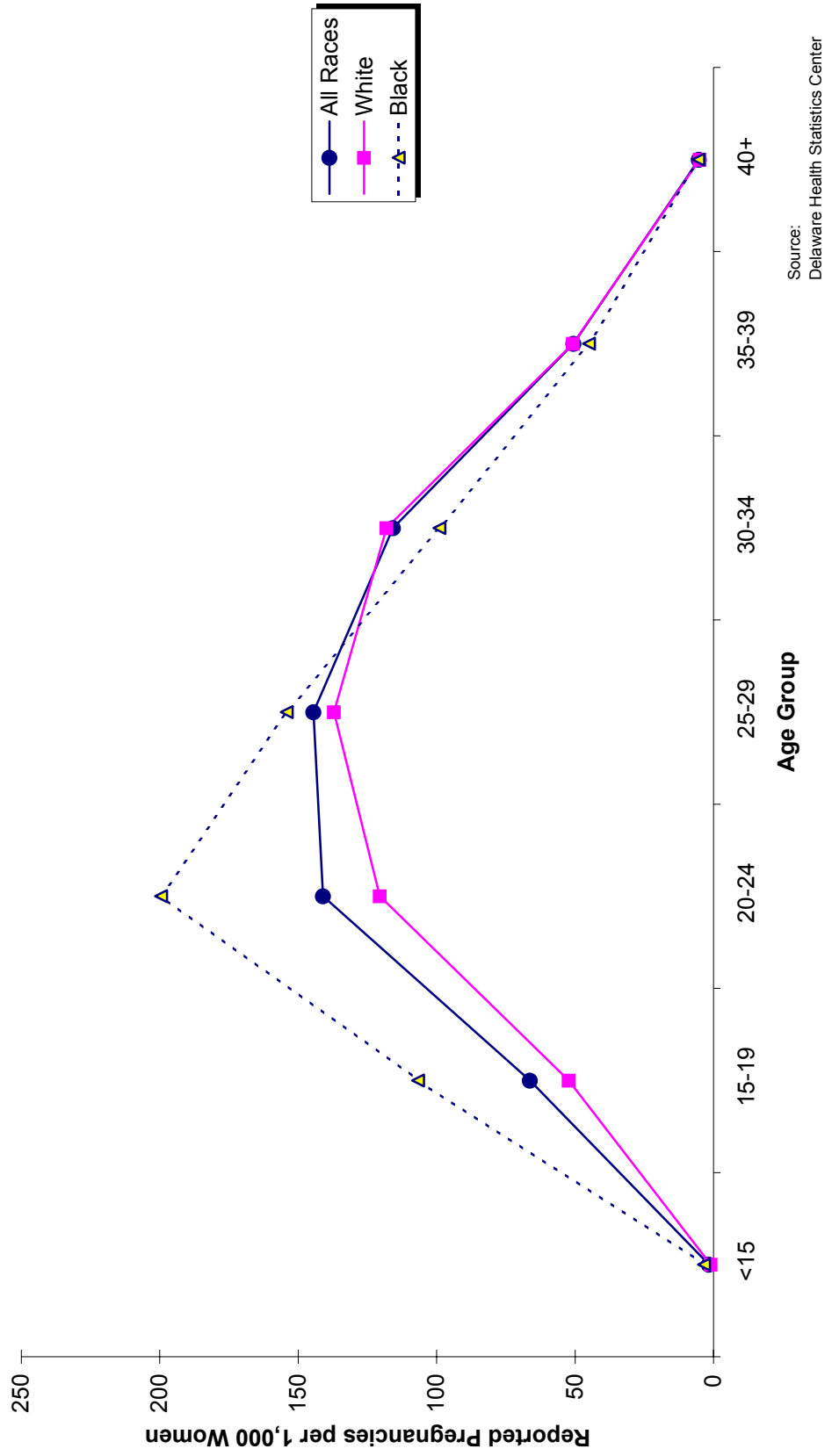
1. Reported pregnancies include live births, fetal deaths, and induced terminations of pregnancy.
2. For Delaware and counties, pregnancy rates represent the number of reported pregnancies to women of all ages per 1,000 women 15-44 years of age in the population.
3. For each age group, the denominator 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 Statistics Center

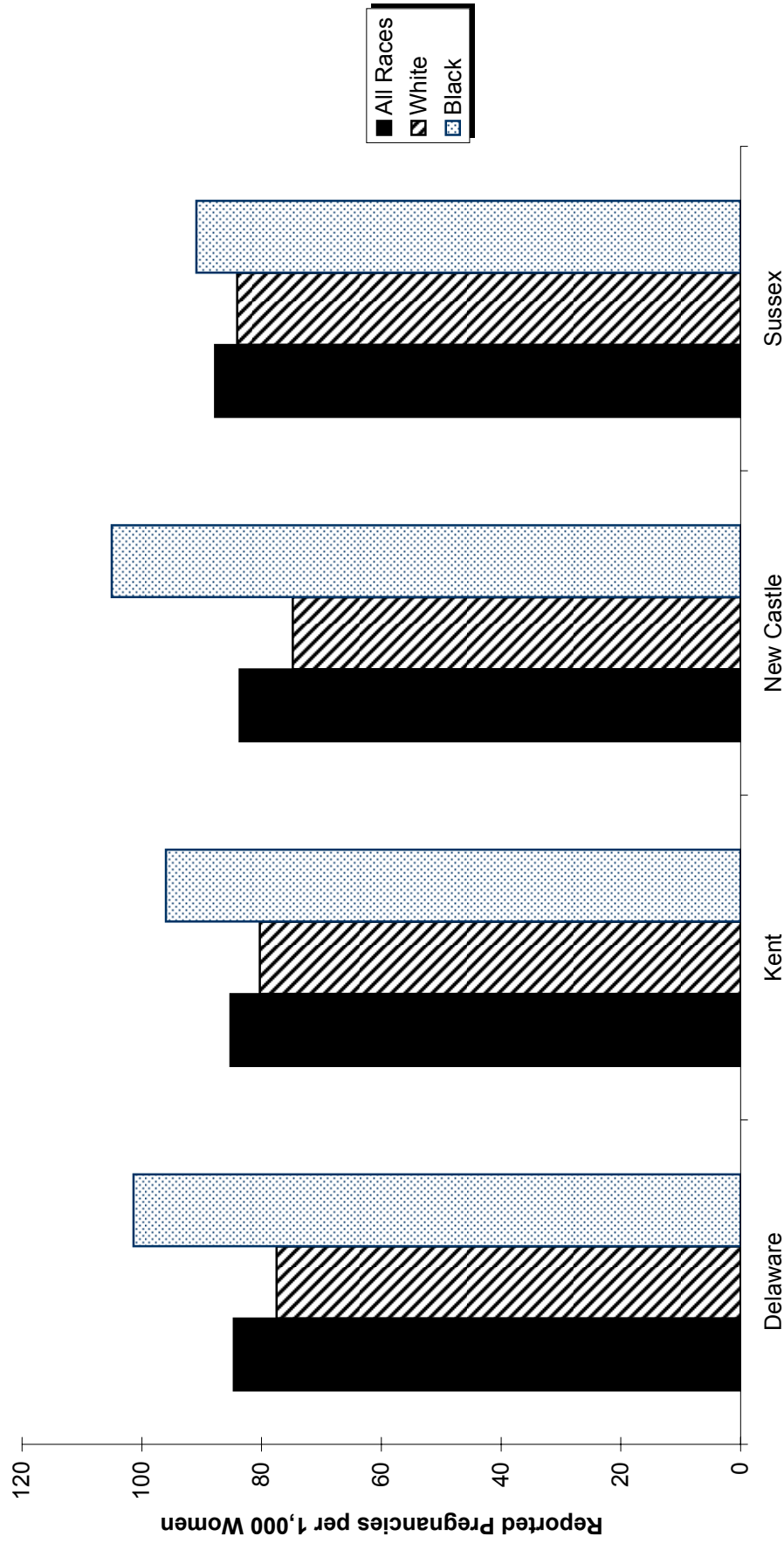
**Figure D-1**  
**Five-year Average Rate of Reported Pregnancies by Age and Race**

**Delaware, 2002-2006**



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

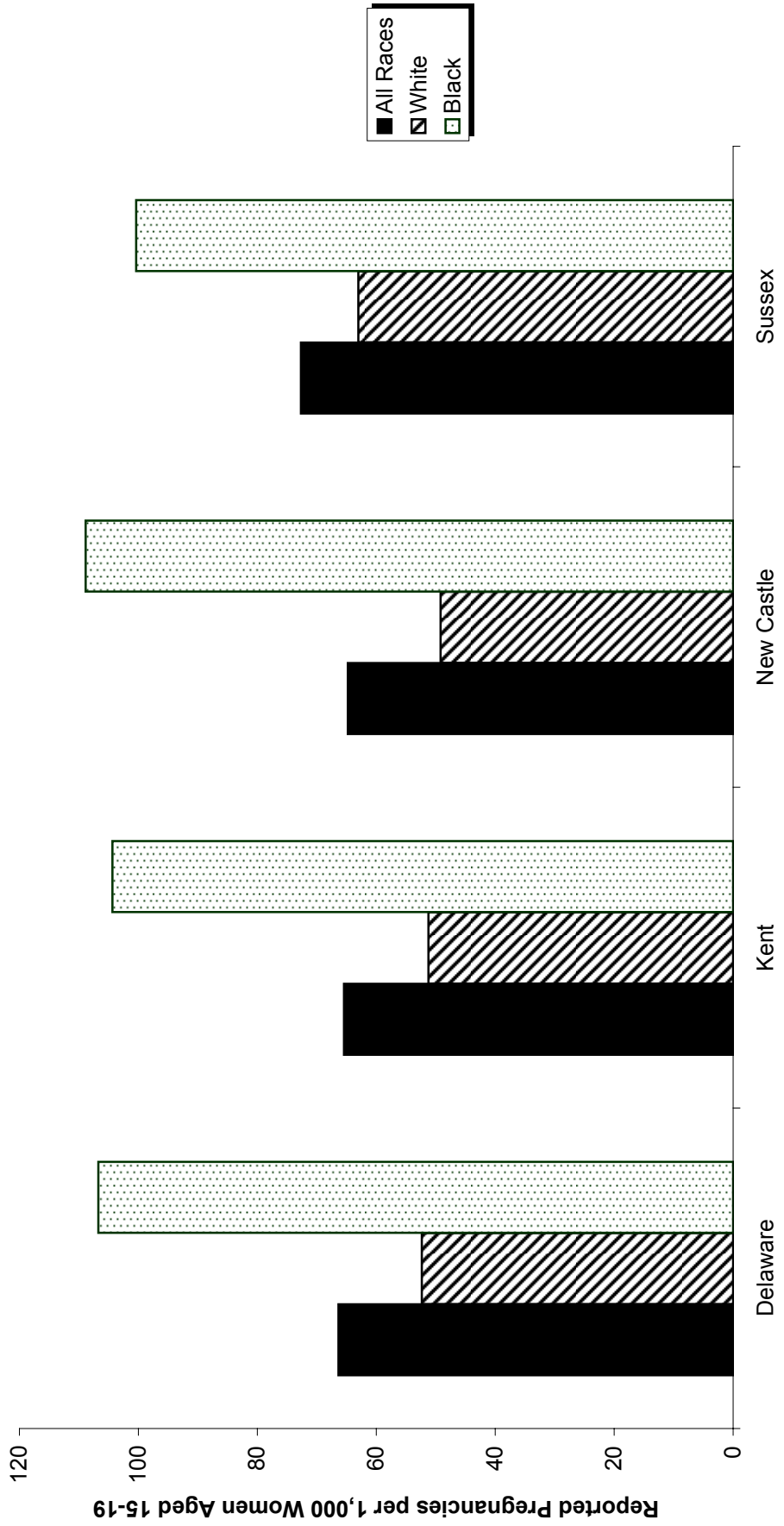
**Delaware, 2002-2006**



Source:  
 Delaware Health Statistics Center



**Figure D-3**  
**Five-year Average Teenage Pregnancy Rate (15-19) by County and Race**  
**Delaware, 2002-2006**



Source:  
 Delaware Health Statistics Center

TABLE D-11  
NUMBER OF FETAL DEATHS BY WEIGHT OF FETUS IN GRAMS AND RACE OF WOMAN

DELAWARE AND COUNTIES, 2006

Area/ Weight	Race			
	All Races	White	Black	Other
<b>Delaware</b>	<b>69</b>	<b>39</b>	<b>29</b>	<b>1</b>
<500	20	11	9	0
500-749	9	5	4	0
750-999	8	4	4	0
1000-1499	5	1	4	0
1500-1999	6	4	2	0
2000-2499	8	5	3	0
2500+	13	9	3	1
Unknown	0	0	0	0
<b>Kent</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>0</b>
<500	1	0	1	0
500-749	1	1	0	0
750-999	0	0	0	0
1000-1499	1	0	1	0
1500-1999	0	0	0	0
2000-2499	2	0	2	0
2500+	0	0	0	0
Unknown	0	0	0	0
<b>New Castle</b>	<b>46</b>	<b>27</b>	<b>18</b>	<b>1</b>
<500	12	8	4	0
500-749	8	4	4	0
750-999	5	1	4	0
1000-1499	4	1	3	0
1500-1999	4	3	1	0
2000-2499	5	4	1	0
2500+	8	6	1	1
Unknown	0	0	0	0
<b>Sussex</b>	<b>18</b>	<b>11</b>	<b>7</b>	<b>0</b>
<500	7	3	4	0
500-749	0	0	0	0
750-999	3	3	0	0
1000-1499	0	0	0	0
1500-1999	2	1	1	0
2000-2499	1	1	0	0
2500+	5	3	2	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 Statistics Center

TABLE D-12  
NUMBER OF FETAL DEATHS BY WEEKS OF GESTATION AND RACE OF WOMAN

DELAWARE AND COUNTIES, 2006

Area/ Age	Race			
	All Races	White	Black	Other
<b>Delaware</b>	69	39	29	1
<20 Weeks	2	1	1	0
20-24 Weeks	21	9	12	0
25-29 Weeks	12	10	2	0
30-34 Weeks	13	5	8	0
35-39 Weeks	15	12	3	0
40+ Weeks	6	2	3	1
Unknown	0	0	0	0
<b>Kent</b>	5	1	4	0
<20 Weeks	0	0	0	0
20-24 Weeks	1	0	1	0
25-29 Weeks	1	1	0	0
30-34 Weeks	2	0	2	0
35-39 Weeks	1	0	1	0
40+ Weeks	0	0	0	0
Unknown	0	0	0	0
<b>New Castle</b>	46	27	18	1
<20 Weeks	1	1	0	0
20-24 Weeks	16	8	8	0
25-29 Weeks	5	3	2	0
30-34 Weeks	9	4	5	0
35-39 Weeks	11	9	2	0
40+ Weeks	4	2	1	1
Unknown	0	0	0	0
<b>Sussex</b>	18	11	7	0
<20 Weeks	1	0	1	0
20-24 Weeks	4	1	3	0
25-29 Weeks	6	6	0	0
30-34 Weeks	2	1	1	0
35-39 Weeks	3	3	0	0
40+ Weeks	2	0	2	0
Unknown	0	0	0	0

FDGESRAC

**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 Statistics Center

TABLE D-13  
NUMBER AND PERCENT OF INDUCED TERMINATIONS OF PREGNANCY BY SELECTED CHARACTERISTICS

DELAWARE, 2006

Characteristic	Number	Percent	Characteristic	Number	Percent
<b>Total</b>	4804	100.0%	<b>Marital Status</b>		
			Married	551	11.5%
			Single	4253	88.5%
<b>Place of Residence</b>			<b>Weeks of Gestation</b>		
Delaware	3451	71.8%	<7 Weeks	1484	30.9%
Kent	585	12.2%	7 Weeks	805	16.8%
New Castle	2388	49.7%	8 Weeks	676	14.1%
Sussex	478	10.0%	9-10 Weeks	851	17.7%
Maryland	568	11.8%	11-12 Weeks	458	9.5%
New Jersey	73	1.5%	13-15 Weeks	298	6.2%
Pennsylvania	684	14.2%	16-20 Weeks	178	3.7%
Other State	28	0.6%	21+ Weeks	44	0.9%
			Unknown	10	0.2%
<b>Age</b>			<b>Type of Procedure</b>		
<15	42	0.9%	Suction Curettage	3986	83.0%
15-17	382	8.0%	Medical (Nonsurgical)	807	16.8%
18-19	511	10.6%	Intrauterine Installation	7	0.1%
20-24	1579	32.9%	Other	0	0.0%
25-29	1155	24.0%	Not Stated	4	0.1%
30-34	616	12.8%			
35-39	385	8.0%	<b>Previous Pregnancies</b>		
40+	134	2.8%	None	1356	28.2%
			1	1078	22.4%
<b>Race</b>			2	827	17.2%
White	2669	55.6%	3+	1540	32.1%
Black	1941	40.4%	Not Stated	3	0.1%
American Indian	22	0.5%			
Asian and Pacific Islander	107	2.2%	<b>Previous Live Births</b>		
Other Races	65	1.4%	None	2028	42.2%
			1	1317	27.4%
<b>Hispanic Origin</b>			2	887	18.5%
Yes	457	9.5%	3+	569	11.8%
No	4305	89.6%	Not Stated	3	0.1%
Not Stated	42	0.9%			
			<b>Previous Induced Abortions</b>		
<b>Level of Education</b>			None	2849	59.3%
<9	120	2.5%	1	1193	24.8%
9-11	673	14.0%	2	476	9.9%
H.S. Graduate	2455	51.1%	3+	283	5.9%
1 to 3 College	752	15.7%	Not Stated	3	0.1%
4+ College	380	7.9%			
Unknown	424	8.8%			

ABSUMM

**Notes:**

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

**Source:**

Delaware Health Statistics Center

TABLE D-14  
NUMBER AND PERCENT OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, RACE, AND AGE OF WOMAN

DELAWARE, 2006

Place of Residence/ Race	Age													
	Total		<18		18-19		20-24		25-29		30-34		35+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Terminations</b>	4804	100.0	424	8.8	511	10.6	1579	32.9	1155	24.0	616	12.8	519	10.8
White	2669	100.0	213	8.0	297	11.1	887	33.2	633	23.7	328	12.3	311	11.7
Black	1941	100.0	196	10.1	209	10.8	640	33.0	475	24.5	248	12.8	173	8.9
Other	194	100.0	15	7.7	5	2.6	52	26.8	47	24.2	40	20.6	35	18.0
<b>Delaware</b>	3451	100.0	264	7.6	370	10.7	1166	33.8	842	24.4	445	12.9	364	10.5
White	1866	100.0	125	6.7	207	11.1	643	34.5	459	24.6	223	12.0	209	11.2
Black	1441	100.0	129	9.0	159	11.0	489	33.9	340	23.6	192	13.3	132	9.2
Other	144	100.0	10	6.9	4	2.8	34	23.6	43	29.9	30	20.8	23	16.0
Kent	585	100.0	26	4.4	79	13.5	219	37.4	140	23.9	81	13.8	40	6.8
White	315	100.0	15	4.8	44	14.0	112	35.6	78	24.8	39	12.4	27	8.6
Black	258	100.0	11	4.3	34	13.2	101	39.1	61	23.6	39	15.1	12	4.7
Other	12	100.0	0	0.0	1	8.3	6	50.0	1	8.3	3	25.0	1	8.3
New Castle	2388	100.0	206	8.6	240	10.1	769	32.2	576	24.1	315	13.2	282	11.8
White	1193	100.0	89	7.5	127	10.6	394	33.0	287	24.1	146	12.2	150	12.6
Black	1083	100.0	109	10.1	110	10.2	354	32.7	252	23.3	146	13.5	112	10.3
Other	112	100.0	8	7.1	3	2.7	21	18.8	37	33.0	23	20.5	20	17.9
Sussex	478	100.0	32	6.7	51	10.7	178	37.2	126	26.4	49	10.3	42	8.8
White	358	100.0	21	5.9	36	10.1	137	38.3	94	26.3	38	10.6	32	8.9
Black	100	100.0	9	9.0	15	15.0	34	34.0	27	27.0	7	7.0	8	8.0
Other	20	100.0	2	10.0	0	0.0	7	35.0	5	25.0	4	20.0	2	10.0
<b>Other State</b>	1353	100.0	160	11.8	141	10.4	413	30.5	313	23.1	171	12.6	155	11.5
White	803	100.0	88	11.0	90	11.2	244	30.4	174	21.7	105	13.1	102	12.7
Black	500	100.0	67	13.4	50	10.0	151	30.2	135	27.0	56	11.2	41	8.2
Other	50	100.0	5	10.0	1	2.0	18	36.0	4	8.0	10	20.0	12	24.0

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 Statistics Center

TABLE D-15  
NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, AGE, MARITAL STATUS,  
AND RACE OF WOMAN

DELAWARE, 2006

Place of Residence/ Age	Marital Status and Race											
	Total				Married				Single			
	All Races	White	Black	Other	All Races	White	Black	Other	All Races	White	Black	Other
<b>All Terminations</b>	4804	2669	1941	194	551	347	131	73	4253	2322	1810	121
<15	42	16	25	1	0	0	0	0	42	16	25	1
15-17	382	197	171	14	2	1	0	1	380	196	171	13
18-19	511	297	209	5	9	7	1	1	502	290	208	4
20-24	1579	887	640	52	83	57	18	8	1496	830	622	44
25-29	1155	633	475	47	145	83	39	23	1010	550	436	24
30-34	616	328	248	40	146	89	33	24	470	239	215	16
35-39	385	221	140	24	118	76	33	9	267	145	107	15
40+	134	90	33	11	48	34	7	7	86	56	26	4
<b>Delaware</b>	3451	1866	1441	144	395	243	95	57	3056	1623	1346	87
<15	28	8	19	1	0	0	0	0	28	8	19	1
15-17	236	117	110	9	1	1	0	0	235	116	110	9
18-19	370	207	159	4	7	6	0	1	363	201	159	3
20-24	1166	643	489	34	60	43	11	6	1106	600	478	28
25-29	842	459	340	43	107	58	27	22	735	401	313	21
30-34	445	223	192	30	104	61	26	17	341	162	166	13
35-39	272	152	105	15	83	53	24	6	189	99	81	9
40+	92	57	27	8	33	21	7	5	59	36	20	3
<b>Kent</b>	585	315	258	12	62	43	17	2	523	272	241	10
<15	3	2	1	0	0	0	0	0	3	2	1	0
15-17	23	13	10	0	0	0	0	0	23	13	10	0
18-19	79	44	34	1	2	2	0	0	77	42	34	1
20-24	219	112	101	6	10	8	2	0	209	104	99	6
25-29	140	78	61	1	20	15	4	1	120	63	57	0
30-34	81	39	39	3	19	9	9	1	62	30	30	2
35-39	27	17	9	1	8	7	1	0	19	10	8	1
40+	13	10	3	0	3	2	1	0	10	8	2	0
<b>New Castle</b>	2388	1193	1083	112	288	162	74	52	2100	1031	1009	60
<15	22	4	17	1	0	0	0	0	22	4	17	1
15-17	184	85	92	7	1	1	0	0	183	84	92	7
18-19	240	127	110	3	3	2	0	1	237	125	110	2
20-24	769	394	354	21	38	25	8	5	731	369	346	16
25-29	576	287	252	37	74	32	21	21	502	255	231	16
30-34	315	146	146	23	77	45	17	15	238	101	129	8
35-39	213	110	91	12	68	41	22	5	145	69	69	7
40+	69	40	21	8	27	16	6	5	42	24	15	3
<b>Sussex</b>	478	358	100	20	45	38	4	3	433	320	96	17
<15	3	2	1	0	0	0	0	0	3	2	1	0
15-17	29	19	8	2	0	0	0	0	29	19	8	2
18-19	51	36	15	0	2	2	0	0	49	34	15	0
20-24	178	137	34	7	12	10	1	1	166	127	33	6
25-29	126	94	27	5	13	11	2	0	113	83	25	5
30-34	49	38	7	4	8	7	0	1	41	31	7	3
35-39	32	25	5	2	7	5	1	1	25	20	4	1
40+	10	7	3	0	3	3	0	0	7	4	3	0
<b>Other State</b>	1353	803	500	50	156	104	36	16	1197	699	464	34
<15	14	8	6	0	0	0	0	0	14	8	6	0
15-17	146	80	61	5	1	0	0	1	145	80	61	4
18-19	141	90	50	1	2	1	1	0	139	89	49	1
20-24	413	244	151	18	23	14	7	2	390	230	144	16
25-29	313	174	135	4	38	25	12	1	275	149	123	3
30-34	171	105	56	10	42	28	7	7	129	77	49	3
35-39	113	69	35	9	35	23	9	3	78	46	26	6
40+	42	33	6	3	15	13	0	2	27	20	6	1

Source:  
Delaware Health Statistics Center

ABMARACE

TABLE D-16  
NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, AGE, MARITAL STATUS,  
AND HISPANIC ORIGIN OF WOMAN

DELAWARE, 2006

Place of Residence/ Age	Marital Status and Hispanic Origin											
	Total				Married				Single			
	Total	Hispanic	Not Hispanic	Not Stated	Total	Hispanic	Not Hispanic	Not Stated	Total	Hispanic	Not Hispanic	Not Stated
<b>All Terminations</b>	4804	457	4305	42	551	65	479	7	4253	392	3826	35
<15	42	1	40	1	0	0	0	0	42	1	40	1
15-17	382	24	357	1	2	1	1	0	380	23	356	1
18-19	511	47	459	5	9	3	6	0	502	44	453	5
20-24	1579	162	1400	17	83	22	59	2	1496	140	1341	15
25-29	1155	130	1018	7	145	14	130	1	1010	116	888	6
30-34	616	60	549	7	146	10	132	4	470	50	417	3
35-39	385	29	353	3	118	15	103	0	267	14	250	3
40+	134	4	129	1	48	0	48	0	86	4	81	1
<b>Delaware</b>	3451	385	3032	34	395	52	339	4	3056	333	2693	30
<15	28	1	26	1	0	0	0	0	28	1	26	1
15-17	236	18	217	1	1	0	1	0	235	18	216	1
18-19	370	37	328	5	7	2	5	0	363	35	323	5
20-24	1166	138	1015	13	60	17	42	1	1106	121	973	12
25-29	842	113	723	6	107	12	95	0	735	101	628	6
30-34	445	49	391	5	104	8	93	3	341	41	298	2
35-39	272	25	244	3	83	13	70	0	189	12	174	3
40+	92	4	88	0	33	0	33	0	59	4	55	0
<b>Kent</b>	585	54	524	7	62	4	57	1	523	50	467	6
<15	3	0	3	0	0	0	0	0	3	0	3	0
15-17	23	0	23	0	0	0	0	0	23	0	23	0
18-19	79	4	74	1	2	0	2	0	77	4	72	1
20-24	219	18	197	4	10	0	9	1	209	18	188	3
25-29	140	14	125	1	20	0	20	0	120	14	105	1
30-34	81	13	67	1	19	1	18	0	62	12	49	1
35-39	27	4	23	0	8	3	5	0	19	1	18	0
40+	13	1	12	0	3	0	3	0	10	1	9	0
<b>New Castle</b>	2388	217	2150	21	288	41	244	3	2100	176	1906	18
<15	22	0	21	1	0	0	0	0	22	0	21	1
15-17	184	15	168	1	1	0	1	0	183	15	167	1
18-19	240	25	212	3	3	1	2	0	237	24	210	3
20-24	769	73	690	6	38	13	25	0	731	60	665	6
25-29	576	64	509	3	74	12	62	0	502	52	447	3
30-34	315	23	288	4	77	6	68	3	238	17	220	1
35-39	213	16	194	3	68	9	59	0	145	7	135	3
40+	69	1	68	0	27	0	27	0	42	1	41	0
<b>Sussex</b>	478	114	358	6	45	7	38	0	433	107	320	6
<15	3	1	2	0	0	0	0	0	3	1	2	0
15-17	29	3	26	0	0	0	0	0	29	3	26	0
18-19	51	8	42	1	2	1	1	0	49	7	41	1
20-24	178	47	128	3	12	4	8	0	166	43	120	3
25-29	126	35	89	2	13	0	13	0	113	35	76	2
30-34	49	13	36	0	8	1	7	0	41	12	29	0
35-39	32	5	27	0	7	1	6	0	25	4	21	0
40+	10	2	8	0	3	0	3	0	7	2	5	0
<b>Other State</b>	1353	72	1273	8	156	13	140	3	1197	59	1133	5
<15	14	0	14	0	0	0	0	0	14	0	14	0
15-17	146	6	140	0	1	1	0	0	145	5	140	0
18-19	141	10	131	0	2	1	1	0	139	9	130	0
20-24	413	24	385	4	23	5	17	1	390	19	368	3
25-29	313	17	295	1	38	2	35	1	275	15	260	0
30-34	171	11	158	2	42	2	39	1	129	9	119	1
35-39	113	4	109	0	35	2	33	0	78	2	76	0
40+	42	0	41	1	15	0	15	0	27	0	26	1

ABHISPAN

**Note:**

Women of Hispanic origin may be of any race.

**Source:**

Delaware Health Statistics Center

TABLE D-17  
NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, EDUCATION,  
AND AGE OF WOMAN  
DELAWARE, 2006

Place of Residence/ Education	Age of Woman								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
<b>All Terminations</b>	<b>4804</b>	<b>42</b>	<b>382</b>	<b>511</b>	<b>1579</b>	<b>1155</b>	<b>616</b>	<b>385</b>	<b>134</b>
<9	120	25	14	9	34	18	13	6	1
9 to 11	673	10	247	89	173	106	33	11	4
H.S. Graduate	2455	2	92	317	861	618	306	207	52
1 to 3 College	752	0	1	70	290	195	110	63	23
4+ College	380	0	0	1	119	114	74	49	23
Unknown	424	5	28	25	102	104	80	49	31
<b>Delaware</b>	<b>3451</b>	<b>28</b>	<b>236</b>	<b>370</b>	<b>1166</b>	<b>842</b>	<b>445</b>	<b>272</b>	<b>92</b>
<9	101	18	12	8	28	17	12	5	1
9 to 11	507	4	161	73	139	92	26	9	3
H.S. Graduate	1703	1	42	217	627	428	216	140	32
1 to 3 College	524	0	1	48	212	131	77	42	13
4+ College	265	0	0	0	76	87	54	32	16
Unknown	351	5	20	24	84	87	60	44	27
<b>Kent</b>	<b>585</b>	<b>3</b>	<b>23</b>	<b>79</b>	<b>219</b>	<b>140</b>	<b>81</b>	<b>27</b>	<b>13</b>
<9	19	3	3	3	3	2	5	0	0
9 to 11	79	0	16	11	20	19	9	4	0
H.S. Graduate	347	0	3	52	135	87	44	18	8
1 to 3 College	93	0	0	11	44	20	13	3	2
4+ College	34	0	0	0	12	8	10	2	2
Unknown	13	0	1	2	5	4	0	0	1
<b>New Castle</b>	<b>2388</b>	<b>22</b>	<b>184</b>	<b>240</b>	<b>769</b>	<b>576</b>	<b>315</b>	<b>213</b>	<b>69</b>
<9	48	13	8	4	7	9	2	5	0
9 to 11	337	3	126	52	89	50	11	4	2
H.S. Graduate	1112	1	31	130	403	278	146	104	19
1 to 3 College	372	0	1	32	145	95	55	34	10
4+ College	203	0	0	0	56	68	42	25	12
Unknown	316	5	18	22	69	76	59	41	26
<b>Sussex</b>	<b>478</b>	<b>3</b>	<b>29</b>	<b>51</b>	<b>178</b>	<b>126</b>	<b>49</b>	<b>32</b>	<b>10</b>
<9	34	2	1	1	18	6	5	0	1
9 to 11	91	1	19	10	30	23	6	1	1
H.S. Graduate	244	0	8	35	89	63	26	18	5
1 to 3 College	59	0	0	5	23	16	9	5	1
4+ College	28	0	0	0	8	11	2	5	2
Unknown	22	0	1	0	10	7	1	3	0
<b>Other State</b>	<b>1353</b>	<b>14</b>	<b>146</b>	<b>141</b>	<b>413</b>	<b>313</b>	<b>171</b>	<b>113</b>	<b>42</b>
<9	19	7	2	1	6	1	1	1	0
9 to 11	166	6	86	16	34	14	7	2	1
H.S. Graduate	752	1	50	100	234	190	90	67	20
1 to 3 College	228	0	0	22	78	64	33	21	10
4+ College	115	0	0	1	43	27	20	17	7
Unknown	73	0	8	1	18	17	20	5	4

ABEDUAGE

**Source:**  
Delaware Health Statistics Center



TABLE D-18  
NUMBER AND PERCENT OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE,  
EDUCATION, AND RACE OF WOMAN

DELAWARE, 2006

Place of Residence/ Education	Race							
	All Races		White		Black		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>All Terminations</b>	<b>4804</b>	<b>100.0</b>	<b>2669</b>	<b>100.0</b>	<b>1941</b>	<b>100.0</b>	<b>194</b>	<b>100.0</b>
<9	120	2.5	83	3.1	25	1.3	12	6.2
9 to 11	673	14.0	407	15.2	248	12.8	18	9.3
H.S. Graduate	2455	51.1	1344	50.4	1040	53.6	71	36.6
1 to 3 College	752	15.7	397	14.9	333	17.2	22	11.3
4+ College	380	7.9	214	8.0	124	6.4	42	21.6
Unknown	424	8.8	224	8.4	171	8.8	29	14.9
<b>Delaware</b>	<b>3451</b>	<b>100.0</b>	<b>1866</b>	<b>100.0</b>	<b>1441</b>	<b>100.0</b>	<b>144</b>	<b>100.0</b>
<9	101	2.9	74	4.0	20	1.4	7	4.9
9 to 11	507	14.7	303	16.2	191	13.3	13	9.0
H.S. Graduate	1703	49.3	922	49.4	731	50.7	50	34.7
1 to 3 College	524	15.2	259	13.9	247	17.1	18	12.5
4+ College	265	7.7	137	7.3	95	6.6	33	22.9
Unknown	351	10.2	171	9.2	157	10.9	23	16.0
<b>Kent</b>	<b>585</b>	<b>100.0</b>	<b>315</b>	<b>100.0</b>	<b>258</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>
<9	19	3.2	13	4.1	5	1.9	1	8.3
9 to 11	79	13.5	55	17.5	24	9.3	0	0.0
H.S. Graduate	347	59.3	189	60.0	148	57.4	10	83.3
1 to 3 College	93	15.9	37	11.7	56	21.7	0	0.0
4+ College	34	5.8	15	4.8	18	7.0	1	8.3
Unknown	13	2.2	6	1.9	7	2.7	0	0.0
<b>New Castle</b>	<b>2388</b>	<b>100.0</b>	<b>1193</b>	<b>100.0</b>	<b>1083</b>	<b>100.0</b>	<b>112</b>	<b>100.0</b>
<9	48	2.0	32	2.7	14	1.3	2	1.8
9 to 11	337	14.1	175	14.7	152	14.0	10	8.9
H.S. Graduate	1112	46.6	557	46.7	522	48.2	33	29.5
1 to 3 College	372	15.6	183	15.3	174	16.1	15	13.4
4+ College	203	8.5	99	8.3	75	6.9	29	25.9
Unknown	316	13.2	147	12.3	146	13.5	23	20.5
<b>Sussex</b>	<b>478</b>	<b>100.0</b>	<b>358</b>	<b>100.0</b>	<b>100</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>
<9	34	7.1	29	8.1	1	1.0	4	20.0
9 to 11	91	19.0	73	20.4	15	15.0	3	15.0
H.S. Graduate	244	51.0	176	49.2	61	61.0	7	35.0
1 to 3 College	59	12.3	39	10.9	17	17.0	3	15.0
4+ College	28	5.9	23	6.4	2	2.0	3	15.0
Unknown	22	4.6	18	5.0	4	4.0	0	0.0
<b>Other State</b>	<b>1353</b>	<b>100.0</b>	<b>803</b>	<b>100.0</b>	<b>500</b>	<b>100.0</b>	<b>50</b>	<b>100.0</b>
<9	19	1.4	9	1.1	5	1.0	5	10.0
9 to 11	166	12.3	104	13.0	57	11.4	5	10.0
H.S. Graduate	752	55.6	422	52.6	309	61.8	21	42.0
1 to 3 College	228	16.9	138	17.2	86	17.2	4	8.0
4+ College	115	8.5	77	9.6	29	5.8	9	18.0
Unknown	73	5.4	53	6.6	14	2.8	6	12.0

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**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 Statistics Center

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

DELAWARE, 2006

Place of Residence/ Weeks	Age								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
<b>All Terminations</b>	4804	42	382	511	1579	1155	616	385	134
<7 Weeks	1484	6	85	144	482	387	192	140	48
7 Weeks	805	4	53	77	261	209	116	64	21
8 Weeks	676	5	58	65	241	147	95	51	14
9-10 Weeks	851	6	72	91	280	206	112	68	16
11-12 Weeks	458	10	47	63	143	101	47	25	22
13-15 Weeks	298	7	38	42	100	55	31	21	4
16-20 Weeks	178	4	17	24	58	38	19	10	8
21+ Weeks	44	0	12	5	12	9	2	3	1
Unknown	10	0	0	0	2	3	2	3	0
<b>Delaware</b>	3451	28	236	370	1166	842	445	272	92
<7 Weeks	1071	2	56	102	356	293	137	94	31
7 Weeks	584	4	34	58	183	159	86	47	13
8 Weeks	489	4	38	48	172	107	68	41	11
9-10 Weeks	623	3	47	63	211	153	84	49	13
11-12 Weeks	342	7	29	52	121	70	36	14	13
13-15 Weeks	208	4	22	34	75	34	19	16	4
16-20 Weeks	112	4	5	13	39	25	12	7	7
21+ Weeks	15	0	5	0	7	1	1	1	0
Unknown	7	0	0	0	2	0	2	3	0
<b>Kent</b>	585	3	23	79	219	140	81	27	13
<7 Weeks	205	1	4	31	68	51	35	9	6
7 Weeks	92	1	5	11	37	24	10	3	1
8 Weeks	75	0	6	9	31	13	12	4	0
9-10 Weeks	115	1	3	10	46	33	13	7	2
11-12 Weeks	50	0	1	7	18	11	7	4	2
13-15 Weeks	27	0	4	8	10	5	0	0	0
16-20 Weeks	19	0	0	3	7	3	4	0	2
21+ Weeks	2	0	0	0	2	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	2388	22	184	240	769	576	315	213	69
<7 Weeks	706	0	42	55	227	199	86	76	21
7 Weeks	420	3	24	42	121	118	64	37	11
8 Weeks	339	4	28	32	110	75	49	32	9
9-10 Weeks	428	2	38	45	136	94	66	37	10
11-12 Weeks	248	7	26	38	87	49	23	9	9
13-15 Weeks	148	3	16	20	53	21	17	14	4
16-20 Weeks	82	3	5	8	29	19	7	6	5
21+ Weeks	12	0	5	0	4	1	1	1	0
Unknown	5	0	0	0	2	0	2	1	0
<b>Sussex</b>	478	3	29	51	178	126	49	32	10
<7 Weeks	160	1	10	16	61	43	16	9	4
7 Weeks	72	0	5	5	25	17	12	7	1
8 Weeks	75	0	4	7	31	19	7	5	2
9-10 Weeks	80	0	6	8	29	26	5	5	1
11-12 Weeks	44	0	2	7	16	10	6	1	2
13-15 Weeks	33	1	2	6	12	8	2	2	0
16-20 Weeks	11	1	0	2	3	3	1	1	0
21+ Weeks	1	0	0	0	1	0	0	0	0
Unknown	2	0	0	0	0	0	0	2	0
<b>Other State</b>	1353	14	146	141	413	313	171	113	42
<7 Weeks	413	4	29	42	126	94	55	46	17
7 Weeks	221	0	19	19	78	50	30	17	8
8 Weeks	187	1	20	17	69	40	27	10	3
9-10 Weeks	228	3	25	28	69	53	28	19	3
11-12 Weeks	116	3	18	11	22	31	11	11	9
13-15 Weeks	90	3	16	8	25	21	12	5	0
16-20 Weeks	66	0	12	11	19	13	7	3	1
21+ Weeks	29	0	7	5	5	8	1	2	1
Unknown	3	0	0	0	0	3	0	0	0

Note:

Weeks of gestation are based on clinical estimate.

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Source:

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, 2006

Place of Residence/ Age	Number of Previous Pregnancies					Not Stated
	Total	None	1	2	3+	
<b>All Terminations</b>	4804	1356	1078	827	1540	3
<15	42	37	5	0	0	0
15-17	382	300	69	10	3	0
18-19	511	305	127	47	32	0
20-24	1579	458	438	318	364	1
25-29	1155	168	256	223	507	1
30-34	616	45	107	128	335	1
35-39	385	26	57	77	225	0
40+	134	17	19	24	74	0
<b>Delaware</b>	3451	933	778	595	1143	2
<15	28	24	4	0	0	0
15-17	236	186	42	7	1	0
18-19	370	213	93	42	22	0
20-24	1166	322	320	241	282	1
25-29	842	127	182	158	375	0
30-34	445	31	85	84	244	1
35-39	272	21	40	48	163	0
40+	92	9	12	15	56	0
<b>Kent</b>	585	165	145	103	172	0
<15	3	3	0	0	0	0
15-17	23	18	4	1	0	0
18-19	79	48	21	4	6	0
20-24	219	75	60	47	37	0
25-29	140	15	33	26	66	0
30-34	81	1	22	17	41	0
35-39	27	2	5	6	14	0
40+	13	3	0	2	8	0
<b>New Castle</b>	2388	636	503	416	831	2
<15	22	19	3	0	0	0
15-17	184	146	31	6	1	0
18-19	240	130	62	32	16	0
20-24	769	199	200	163	206	1
25-29	576	97	112	111	256	0
30-34	315	25	55	57	177	1
35-39	213	14	32	36	131	0
40+	69	6	8	11	44	0
<b>Sussex</b>	478	132	130	76	140	0
<15	3	2	1	0	0	0
15-17	29	22	7	0	0	0
18-19	51	35	10	6	0	0
20-24	178	48	60	31	39	0
25-29	126	15	37	21	53	0
30-34	49	5	8	10	26	0
35-39	32	5	3	6	18	0
40+	10	0	4	2	4	0
<b>Other State</b>	1353	423	300	232	397	1
<15	14	13	1	0	0	0
15-17	146	114	27	3	2	0
18-19	141	92	34	5	10	0
20-24	413	136	118	77	82	0
25-29	313	41	74	65	132	1
30-34	171	14	22	44	91	0
35-39	113	5	17	29	62	0
40+	42	8	7	9	18	0

Source:  
Delaware Health Statistics Center

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

DELAWARE, 2006

Place of Residence/ Age	Number of Previous Live Births					Not Stated
	Total	None	1	2	3+	
<b>All Terminations</b>	4804	2028	1317	887	569	3
<15	42	39	3	0	0	0
15-17	382	348	32	2	0	0
18-19	511	394	100	15	2	0
20-24	1579	744	512	223	99	1
25-29	1155	313	363	299	179	1
30-34	616	104	184	166	161	1
35-39	385	59	94	138	94	0
40+	134	27	29	44	34	0
<b>Delaware</b>	3451	1396	978	635	440	2
<15	28	25	3	0	0	0
15-17	236	212	23	1	0	0
18-19	370	281	74	13	2	0
20-24	1166	524	388	174	79	1
25-29	842	227	267	207	141	0
30-34	445	72	137	118	117	1
35-39	272	38	68	91	75	0
40+	92	17	18	31	26	0
<b>Kent</b>	585	243	163	98	81	0
<15	3	3	0	0	0	0
15-17	23	21	2	0	0	0
18-19	79	60	15	4	0	0
20-24	219	116	62	24	17	0
25-29	140	30	43	39	28	0
30-34	81	6	34	17	24	0
35-39	27	4	6	8	9	0
40+	13	3	1	6	3	0
<b>New Castle</b>	2388	968	665	455	298	2
<15	22	19	3	0	0	0
15-17	184	165	18	1	0	0
18-19	240	181	48	9	2	0
20-24	769	339	261	120	48	1
25-29	576	170	176	140	90	0
30-34	315	56	91	88	79	1
35-39	213	26	56	74	57	0
40+	69	12	12	23	22	0
<b>Sussex</b>	478	185	150	82	61	0
<15	3	3	0	0	0	0
15-17	29	26	3	0	0	0
18-19	51	40	11	0	0	0
20-24	178	69	65	30	14	0
25-29	126	27	48	28	23	0
30-34	49	10	12	13	14	0
35-39	32	8	6	9	9	0
40+	10	2	5	2	1	0
<b>Other State</b>	1353	632	339	252	129	1
<15	14	14	0	0	0	0
15-17	146	136	9	1	0	0
18-19	141	113	26	2	0	0
20-24	413	220	124	49	20	0
25-29	313	86	96	92	38	1
30-34	171	32	47	48	44	0
35-39	113	21	26	47	19	0
40+	42	10	11	13	8	0

Source:  
Delaware Health Statistics Center

ABPRBIRT

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

DELAWARE, 2006

Place of Residence/ Age	Number of Previous Induced Terminations					Not Stated
	Total	None	1	2	3+	
<b>All Terminations</b>	4804	2849	1193	476	283	3
<15	42	40	2	0	0	0
15-17	382	338	39	3	2	0
18-19	511	400	82	18	11	0
20-24	1579	937	427	148	66	1
25-29	1155	580	326	144	104	1
30-34	616	286	173	90	66	1
35-39	385	186	113	60	26	0
40+	134	82	31	13	8	0
<b>Delaware</b>	3451	2048	852	345	204	2
<15	28	27	1	0	0	0
15-17	236	211	22	3	0	0
18-19	370	287	64	13	6	0
20-24	1166	697	307	110	51	1
25-29	842	428	238	106	70	0
30-34	445	207	119	67	51	1
35-39	272	138	76	38	20	0
40+	92	53	25	8	6	0
<b>Kent</b>	585	367	144	37	37	0
<15	3	3	0	0	0	0
15-17	23	20	3	0	0	0
18-19	79	64	10	3	2	0
20-24	219	138	60	11	10	0
25-29	140	76	36	17	11	0
30-34	81	43	24	4	10	0
35-39	27	13	9	2	3	0
40+	13	10	2	0	1	0
<b>New Castle</b>	2388	1361	604	270	151	2
<15	22	22	0	0	0	0
15-17	184	166	15	3	0	0
18-19	240	179	51	6	4	0
20-24	769	434	210	87	37	1
25-29	576	278	166	80	52	0
30-34	315	135	85	57	37	1
35-39	213	108	58	31	16	0
40+	69	39	19	6	5	0
<b>Sussex</b>	478	320	104	38	16	0
<15	3	2	1	0	0	0
15-17	29	25	4	0	0	0
18-19	51	44	3	4	0	0
20-24	178	125	37	12	4	0
25-29	126	74	36	9	7	0
30-34	49	29	10	6	4	0
35-39	32	17	9	5	1	0
40+	10	4	4	2	0	0
<b>Other State</b>	1353	801	341	131	79	1
<15	14	13	1	0	0	0
15-17	146	127	17	0	2	0
18-19	141	113	18	5	5	0
20-24	413	240	120	38	15	0
25-29	313	152	88	38	34	1
30-34	171	79	54	23	15	0
35-39	113	48	37	22	6	0
40+	42	29	6	5	2	0

Source:  
Delaware Health Statistics Center

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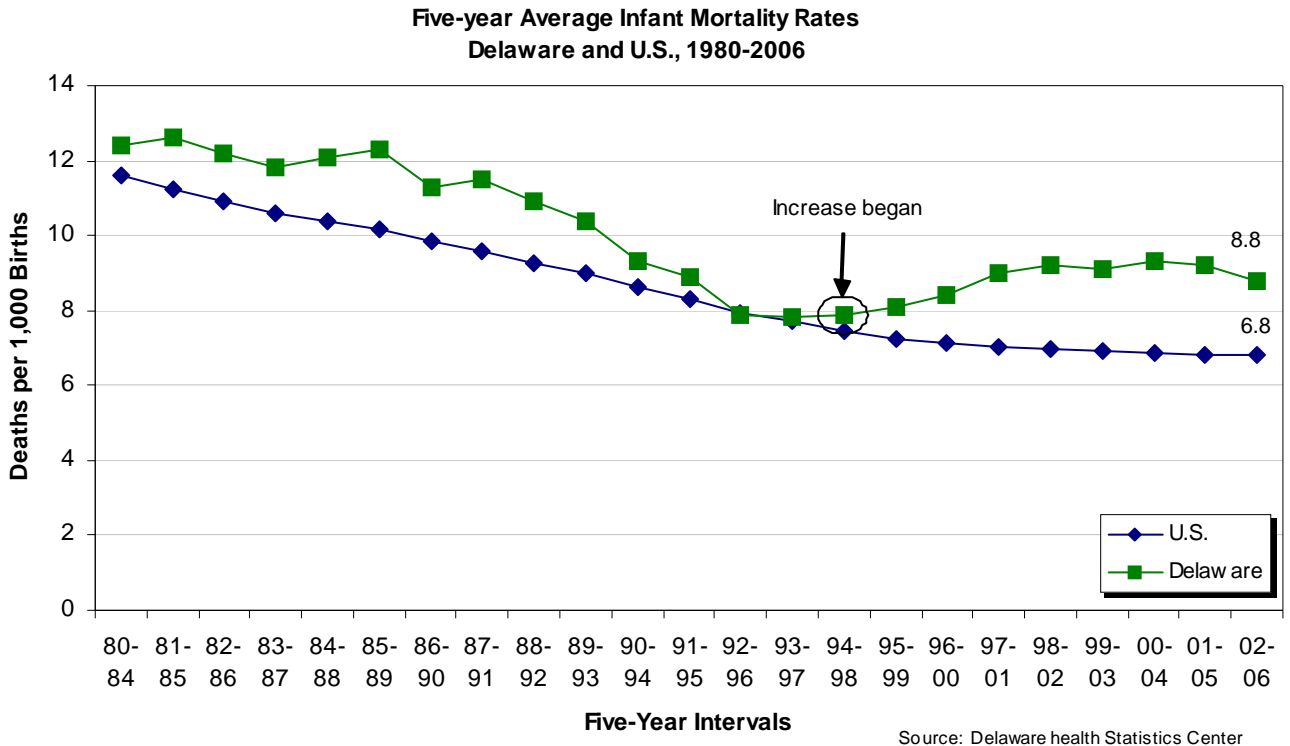
# **Infant Mortality**

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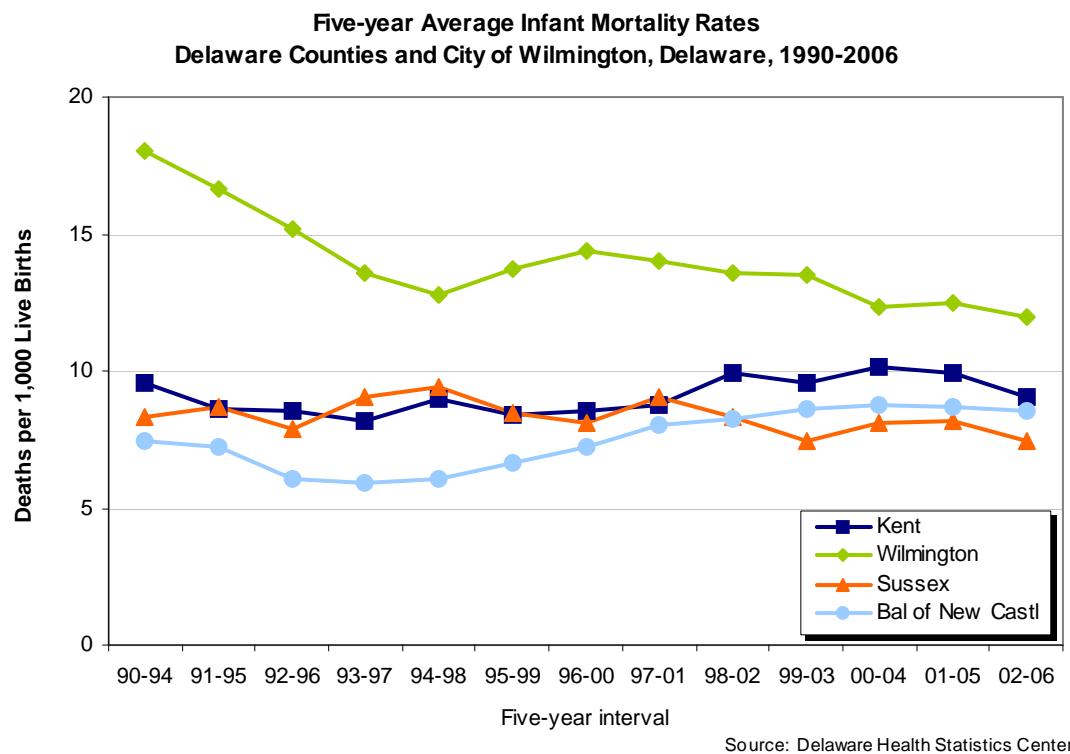
## INFANT MORTALITY

Although Delaware's infant mortality rate (IMR) was significantly higher than the national rate throughout most of the 1980s, Delaware followed the nation's downward trend to a point where the U.S. and Delaware rates were very similar. The 1994-1998 time period signaled a reversal of this trend and Delaware's rates rose steadily until 1998-2002, after which they have remained fairly stable, though significantly higher than the U.S. Delaware's IMR decreased slightly from 9.2 in 2001-2005 to 8.8 in 2002-2006.



IMRs for all three counties and the city of Wilmington declined from 2001-2005 to 2002-2006. Sussex County's IMR of 7.5 was the lowest of the three counties; the decrease in Kent county's IMR brought it even with New Castle county at 9.1 infant deaths per 1,000 live births.

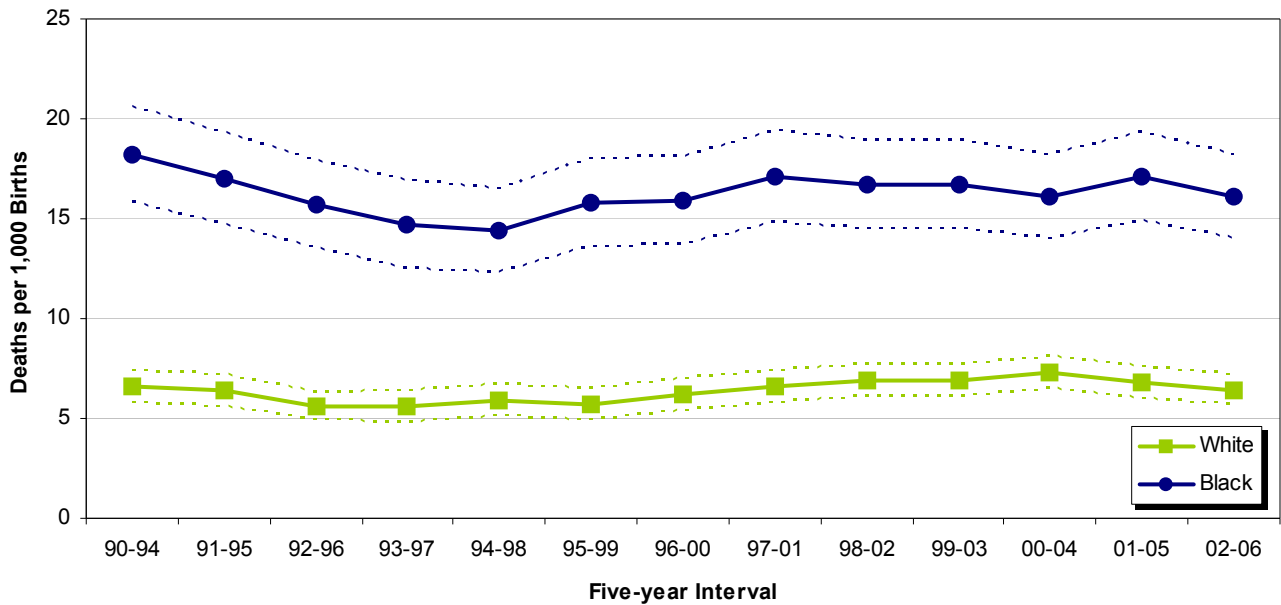
Overall, Wilmington has experienced the greatest decline in IMRs. Since 1990-1994, Wilmington's IMR has decreased 33.5 percent.



## INFANT MORTALITY

From 2001-2005 to 2002-2006, the 5-yr infant mortality decreased very slightly due to decreases in both the white IMR (from 6.8 to 6.4) and the black IMR (from 17.1 to 16.1). As shown in the graph below, black infants experienced significantly higher mortality rates than white infants, and from 1990-1994 to 2002-2006, black IMRs were anywhere from 2.2 to 2.8 times that of white IMRs.

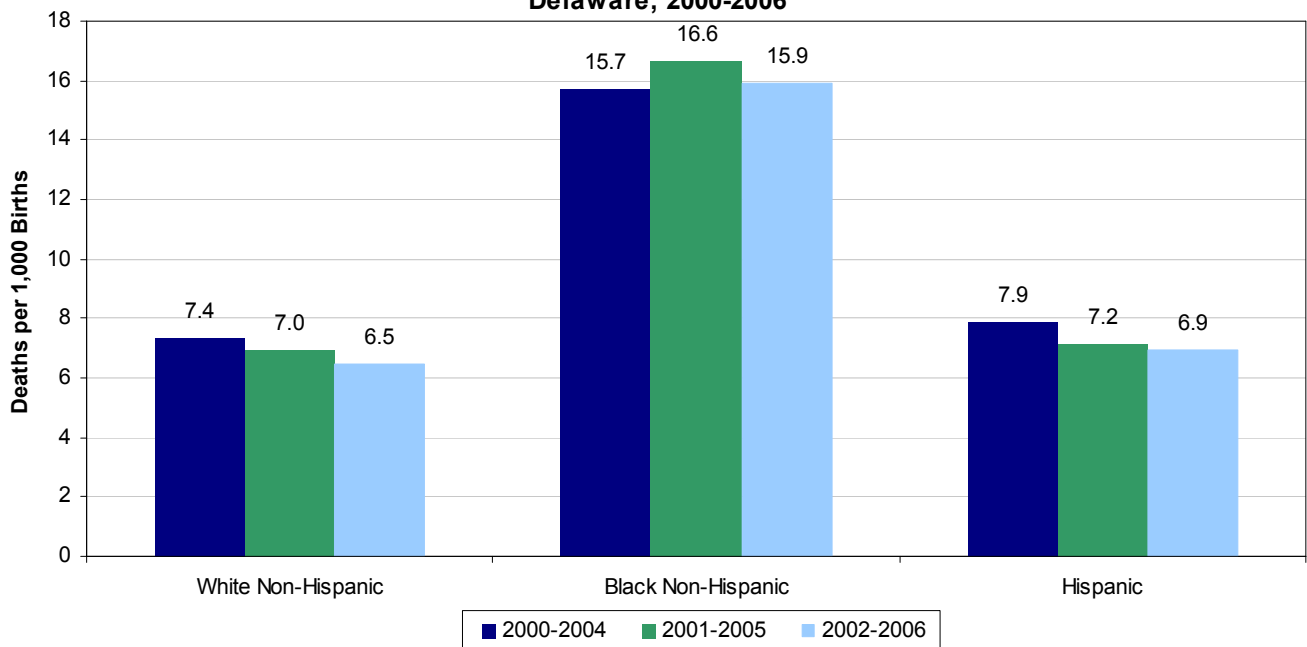
**Five-year Average Black and White Infant Mortality Rates with Confidence Intervals  
Delaware, 1990-2006**



Source: Delaware Health Statistics Center

Significant disparities existed between black non-Hispanic IMRs and each of the two other groups, white non-Hispanic and Hispanic. Black non-Hispanics had the highest IMRs in all three time periods, and their rate of 15.9 deaths per 1,000 live births in 2002-2006, was more than double the white non-Hispanic rate of 6.5 and the Hispanic rate of 6.9.

**Five-year Average Infant Mortality Rates by Race and Hispanic Origin  
Delaware, 2000-2006**



Source: Delaware Health Statistics Center

## INFANT MORTALITY

Not only did IMRs vary between counties, but also between races within each county. Black IMRs were consistently higher than white IMRs in all three counties, for every time period. To gauge the disparity between black and white IMRs, disparity ratios<sup>1</sup> were used.

However, as is shown in the graphs to the right, both the disparity ratio and the rate should be considered when examining the issue of infant mortality.

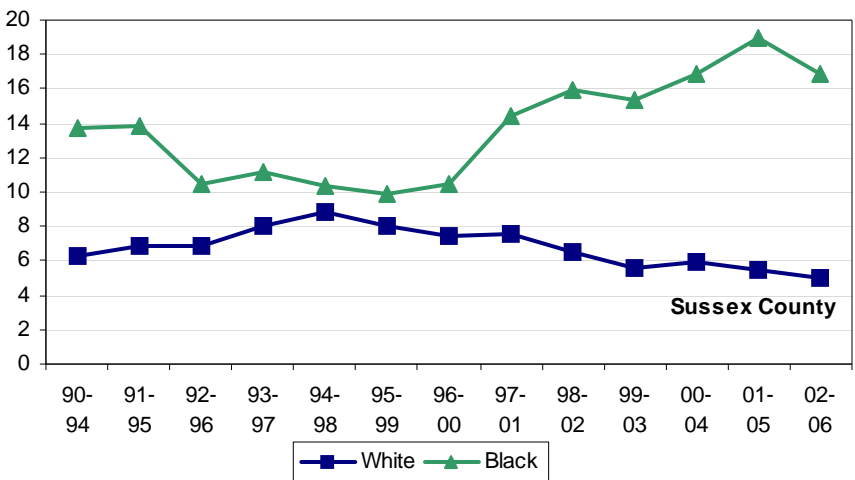
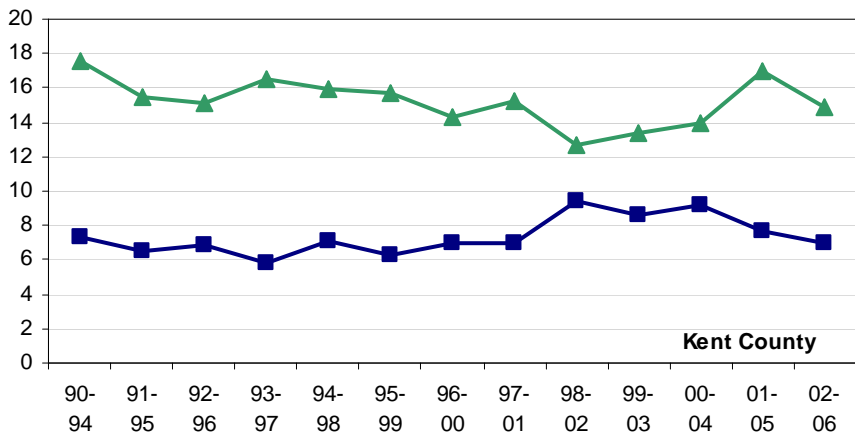
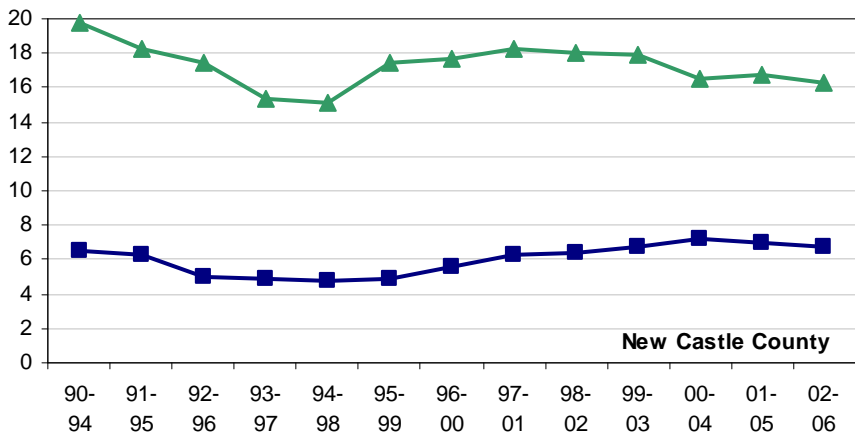
In New Castle County, rates for both races changed very little, and the disparity ratio remained stable at 2.4.

In Kent County, both black and white IMRs moved slightly downward, to 14.8 and 7.0, which held its disparity ratio steady at 2.1.

Sussex County's disparity ratio remained stable due to a decreases in both the black and white IMRs. At 3.4, Sussex County had the largest disparity ratio of the three counties.

Of the three counties, Sussex had both the highest and lowest IMRs (16.9 infant deaths per 1,000 live births to black mothers and 5.0 infant deaths per 1,000 live births to white mothers).

Five-year Average Infant Mortality Rates by Race  
Delaware Counties, 1990-2006

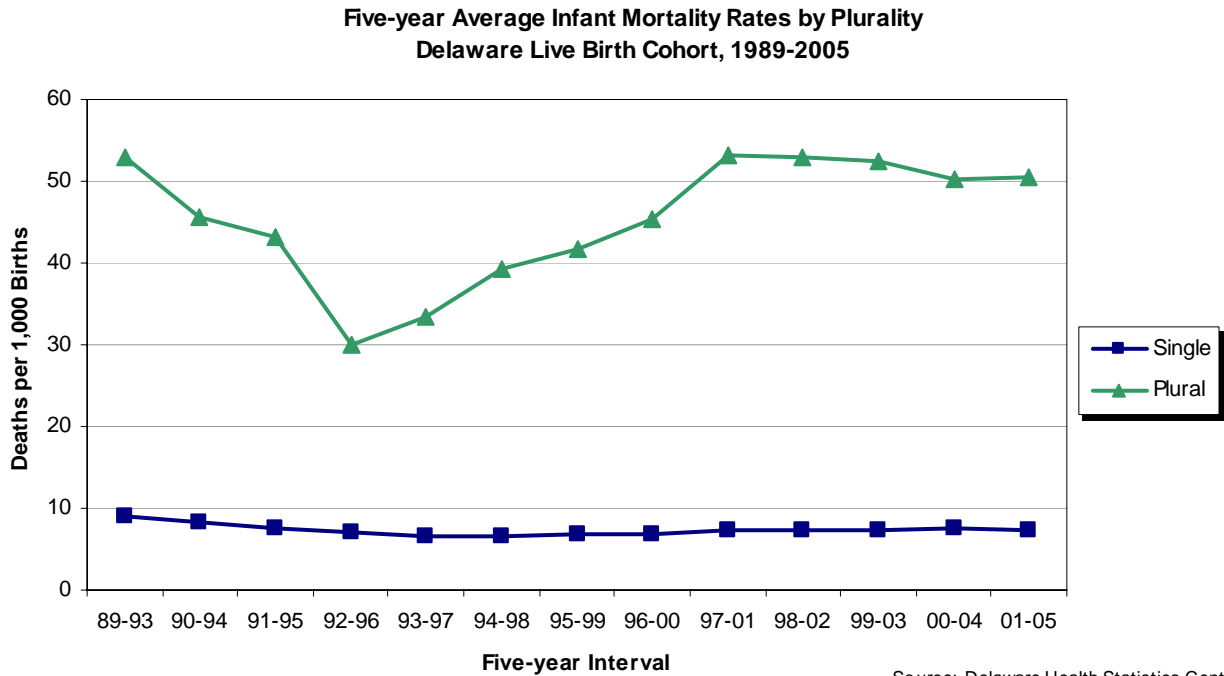


Source: Delaware Health Statistics Center

1. Disparity ratios were calculated by dividing the black IMR by the white IMR; the resulting number demonstrated the magnitude of difference between black and white.

## INFANT MORTALITY - Live Birth Cohort

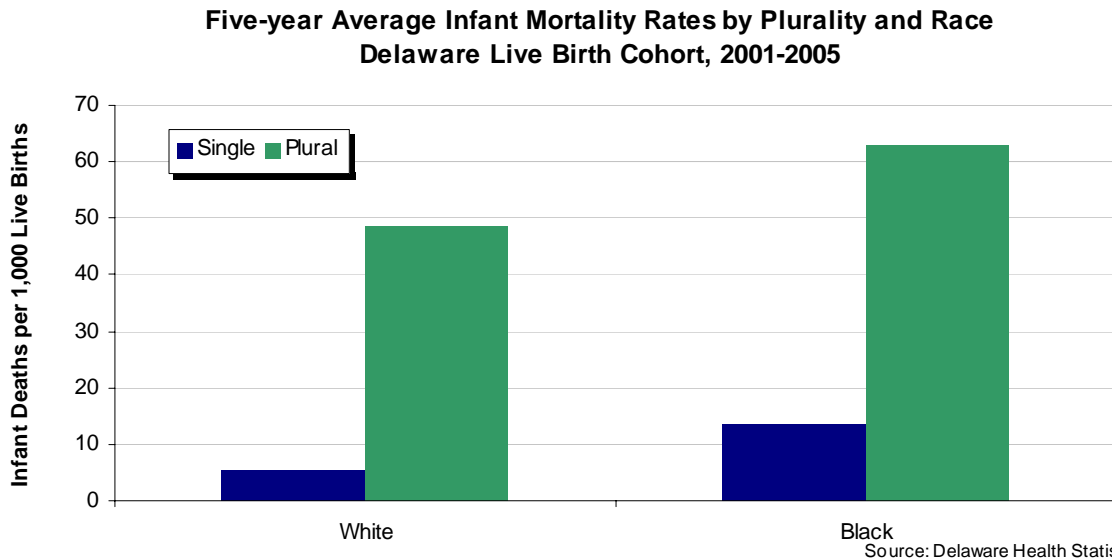
A significantly higher incidence of infant mortality occurred in plural births than in singleton births. The proportion of plural births increased 33.5 percent from 1992-1996 to 2001-2005; over the same time plural infant mortality rates increased 68.8 percent to a rate 6.8 times that of the singleton rate (50.6 versus 7.4 infant deaths per 1,000 live births in 2001-2005).



Plurality has a greater effect on white IMRs than black IMRs.

Though plural births to white mothers increased by 25 percent from 1992-1996 to 2001-2005, IMRs for white plural births increased 98 percent, and in 2001-2005 they were 9 times that of white singletons.

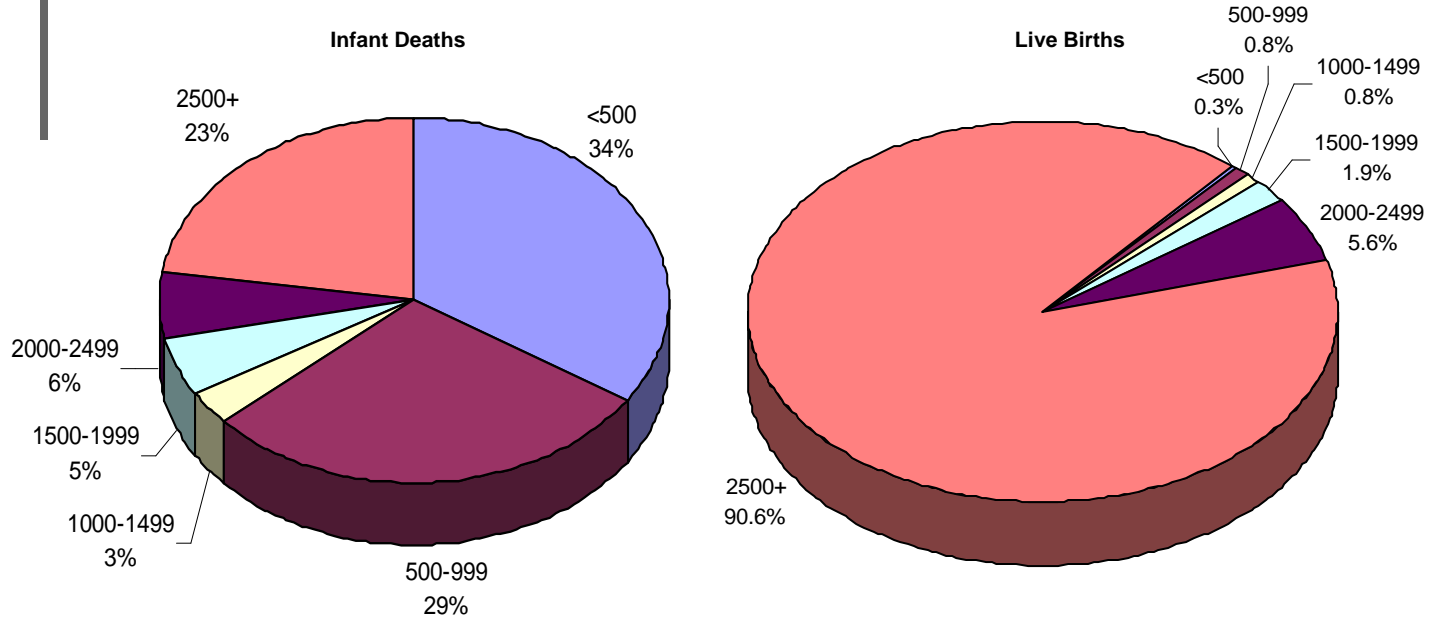
In contrast, plural births to black mothers increased by 64 percent from 1992-1996 to 2001-2005, while IMRs for black plural births increased 18 percent during the same period; in 2001-2005 they were 4 times that of black singletons.



## INFANT MORTALITY - Live Birth Cohort

Just over 1 percent of all live births were infants weighing less than 1000 grams, but they accounted for over half (63 percent) of all infant deaths in 2001-2005. In total, 9.4 percent of all live births in 2001-2005 were infants of low birthweight (under 2500 grams) and 77.2 percent of infant deaths were low birthweight.

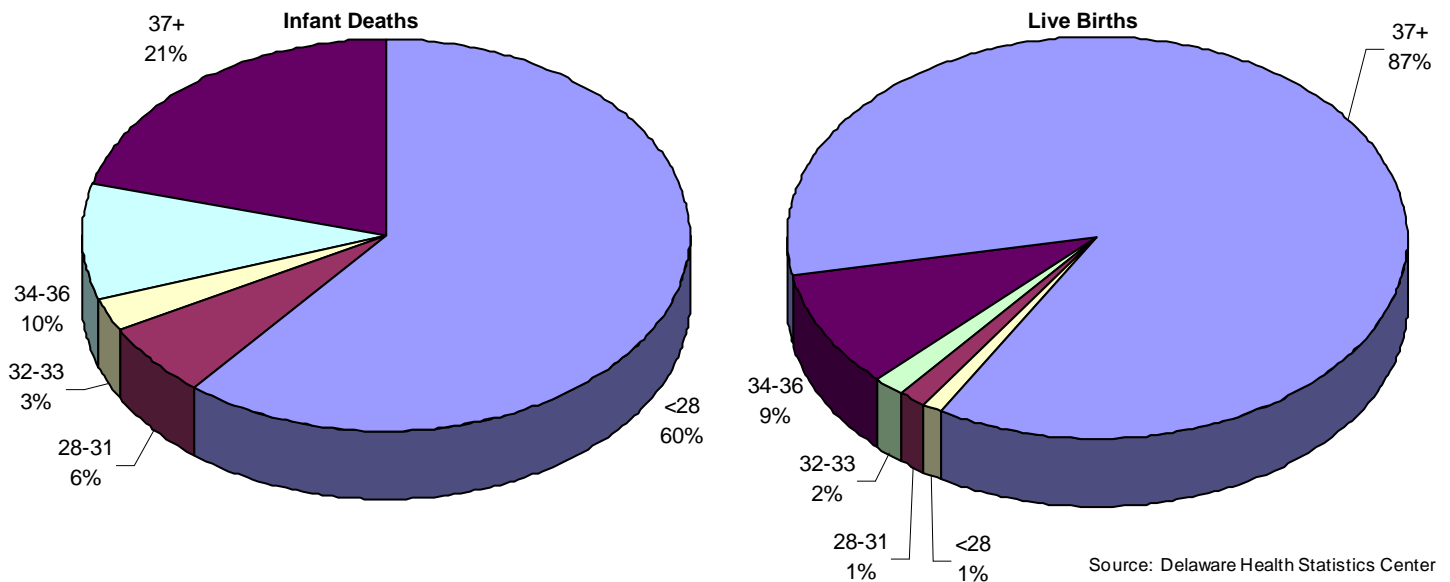
**Distribution by Birthweight, Delaware 2002-2006**



Source: Delaware Health Statistics Center

One percent of live births in 2001-2005 were less than 28 weeks gestation at birth, but they accounted for 60 percent of all infant deaths. In total, 13.5 percent of all live births in 2001-2005 were born preterm (<37 weeks of gestation) and 79.1 percent of infant deaths were born preterm.

**Distribution by Gestation, Delaware 2002-2006**



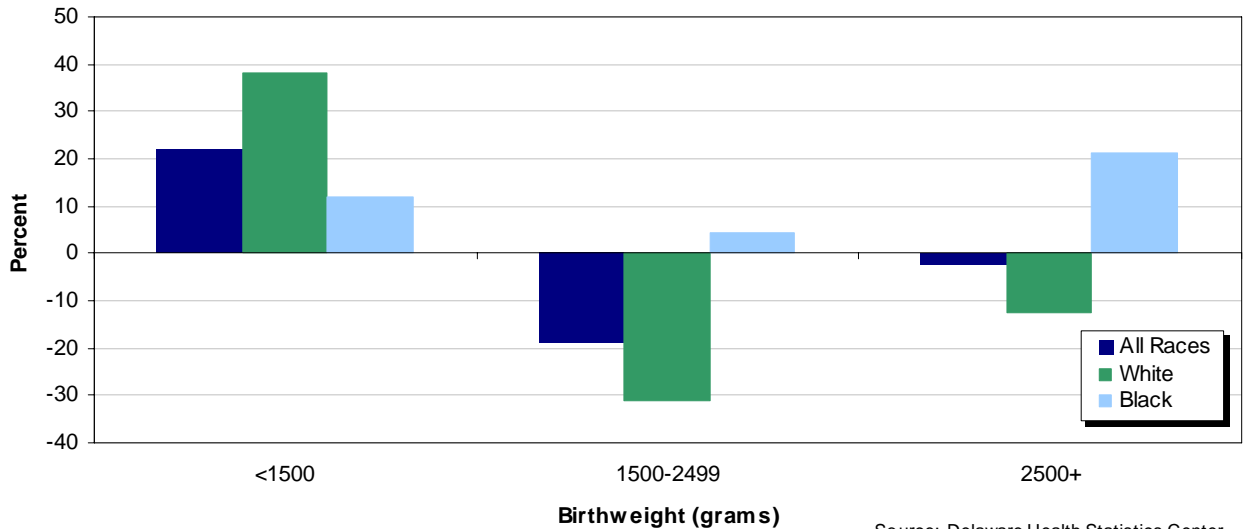
Source: Delaware Health Statistics Center

## 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 (2500+ grams) or full-term gestation (37+ weeks).

While the IMRs for white infants of very low birthweight (<1500 grams) showed a large increase between 1993-1997 and 2001-2005, IMRs for white infants of moderately low birthweight (1500-2499 grams) and normal (2500+ grams) birthweight decreased. The IMRs of black infants increased for all birthweight categories, though the largest increase was seen in infants of normal birthweight.

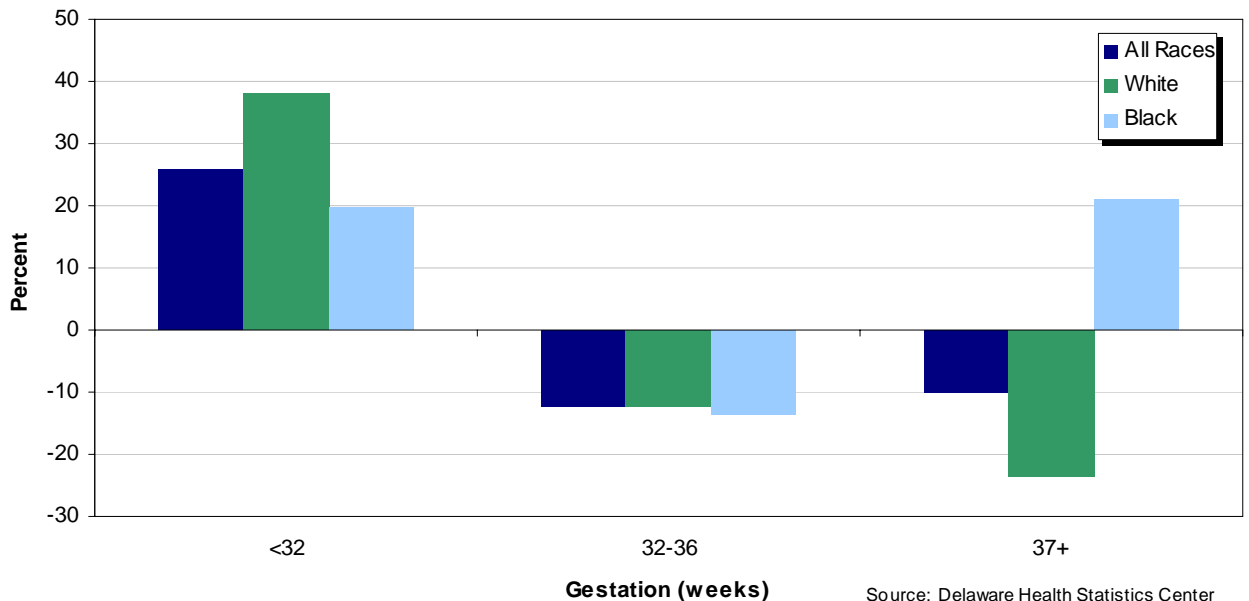
**Percent Change in Five-year Average Infant Mortality Rates by Birthweight and Race**  
Delaware, Live Birth Cohort, 1993-1997 to 2001-2005



Source: Delaware Health Statistics Center

With the exception of moderately premature (32-36 weeks) infants, IMRs by gestational category look very similar to the graph above. IMRs for very premature (< 32 weeks) white infants and full-term (37+ weeks) black infants showed the greatest increases.

**Percent Change in Five-year Average Infant Mortality by Gestation and Race**  
Delaware, Live Birth Cohort, 1993-1997 to 2001-2005



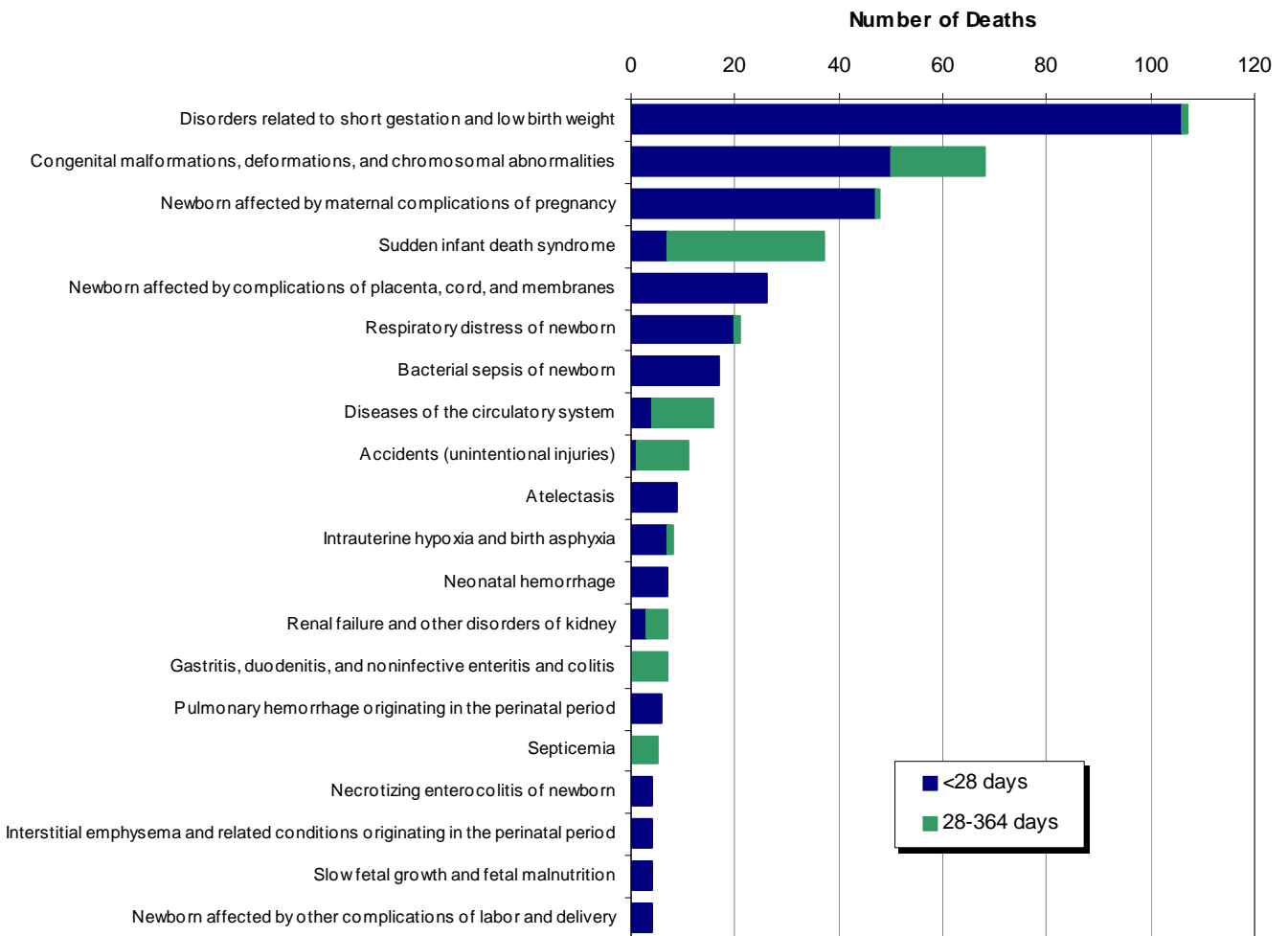
Source: Delaware Health Statistics Center

## INFANT MORTALITY - Leading Cause of Death

Approximately 95 percent of all infant deaths occurred within the first six months of life, 73 percent of all infant deaths occurred within the first 28 days of life, and 42 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).

**Twenty Most Frequent Causes of Infant Death  
Delaware, 2002-2006**



Source: Delaware Health Statistics Center

- Disorders related to short gestation and fetal malnutrition accounted for the greatest number of infant deaths in 2002-2006; all but one of these deaths occurred in the neonatal period.
- Sudden infant death syndrome (SIDS) was the only one out 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 72 days.
  - ⇒ 35 percent (13 out of 37) of the SIDS deaths were associated with co-sleeping with adults and/or sleeping on soft surfaces, such as couches and adult beds.
- During that same time period, there were 21 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, 7 percent of all infant deaths in 2002-2006 were associated with co-sleeping and/or sleeping on a soft surface.

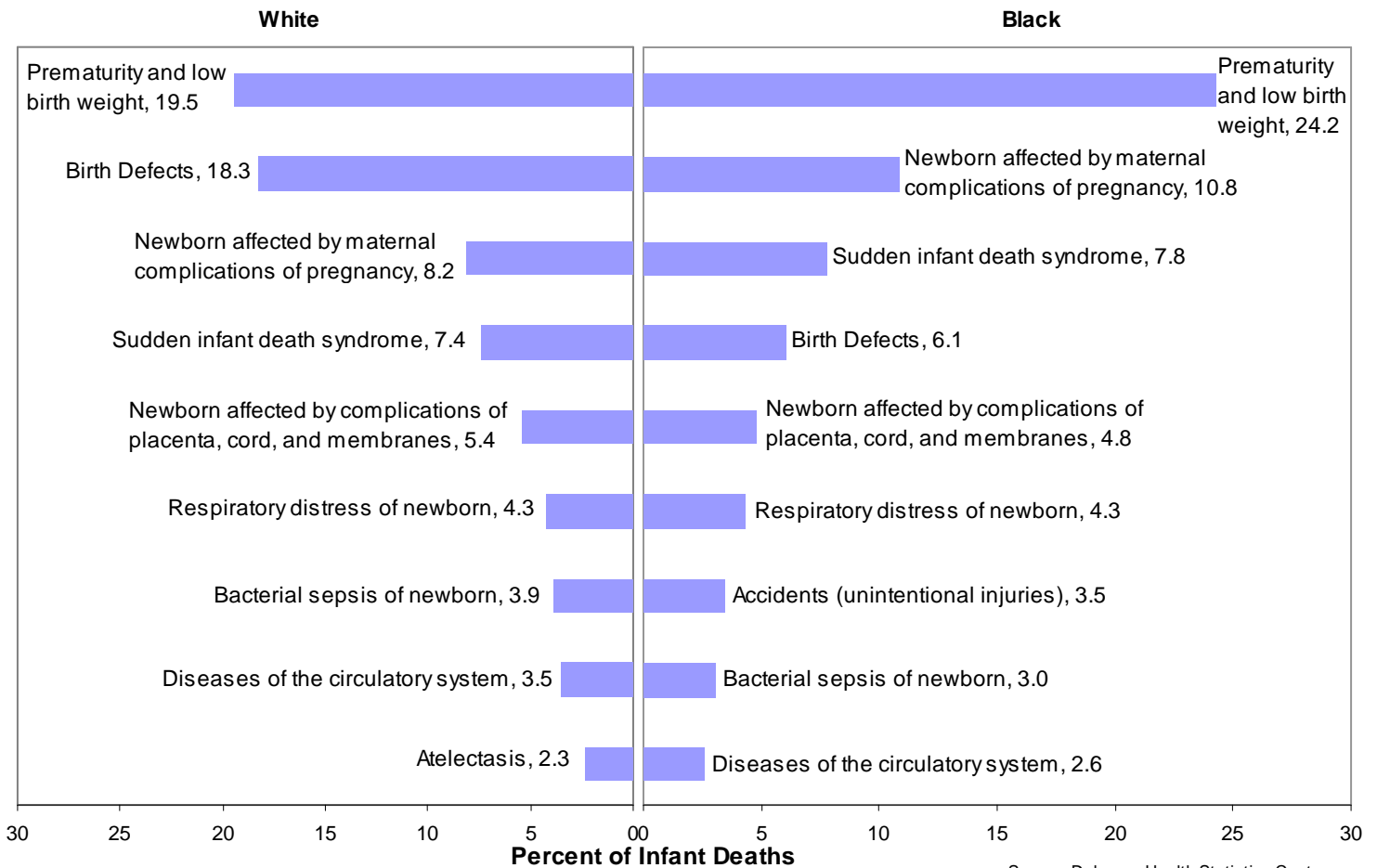
## INFANT MORTALITY

In 2002-2006 the three leading causes of infant death were:

- Disorders related to short gestation and fetal malnutrition (prematurity and low birthweight), which accounted for 21.3 percent of infant deaths,
- Congenital anomalies (birth defects), which accounted for 13.5 percent of infant deaths, and
- Newborn affected by maternal complications of pregnancy, which accounted for 9.5 percent of infant deaths. Of the 48 deaths attributed to this cause, 43 were due to the newborn being affected by incompetent cervix and premature rupture of membranes.

While prematurity and low birthweight was the top cause of death for both black and white infants, the number 2 and 3 spots varied by race, as shown in the graphs charts below.

**Most Frequent Causes of Infant Death by Race  
Delaware, 2002-2006**



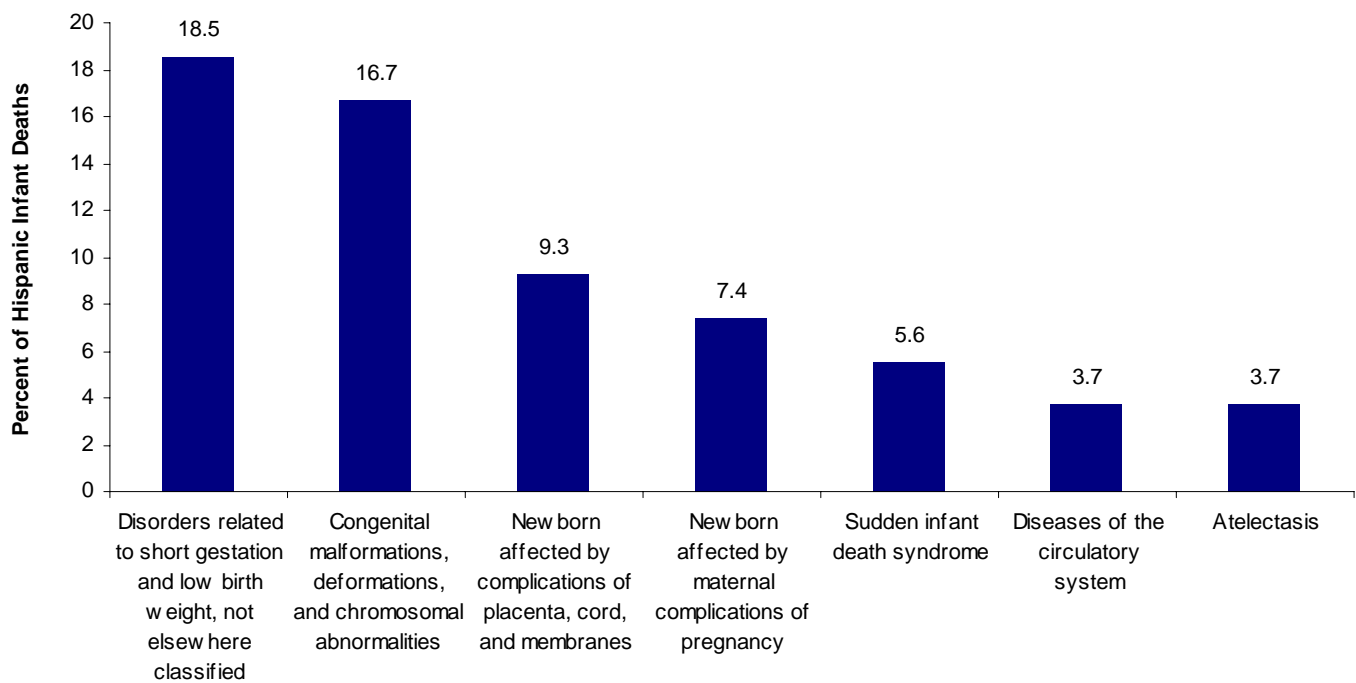


## INFANT MORTALITY

In the 1989-1993 time period, 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 been increasing. In the most recent five year period, 2002-2006, 13.5 percent of all live births were to Hispanic mothers, and 10.7 percent of all infant deaths were of Hispanic origin.

The leading cause of death for infants of Hispanic origin was disorders related to short gestation and low birthweight, followed by congenital malformations, deformations, and chromosomal abnormalities.

**Most Frequent Causes of Hispanic Infant Death  
Delaware, 2002-2006**



Source: 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, 1989-2006

Area/ Race	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<b>U.S.</b>																			
All Races	39655	38351	36766	34628	33466	31710	29583	28237	28045	28371	27937	28035	27568	28034	28025	27936	28440	28609*	
White	25794	24883	23657	22164	21497	20504	19490	18749	18539	18561	18067	18144	17955	18369	18440	18231	18514	18496*	
Black	12527	12290	11994	11348	10887	10072	9118	8490	8496	8726	8822	8771	8498	8524	8402	8494	8695	8824*	
Other	1334	1178	1115	1116	1082	1134	975	998	1010	1084	1048	1120	1115	1141	1183	1211	1231	1289*	
<b>Delaware</b>																			
All Races	128	110	136	93	94	70	79	77	81	103	81	102	114	96	107	97	104	99	
White	77	58	79	44	44	40	46	43	42	54	31	65	60	57	53	51	46	50	
Black	51	52	55	49	50	27	32	32	36	49	49	37	53	35	53	44	55	44	
Other	0	0	2	0	0	3	1	2	3	0	1	0	1	4	1	2	3	5	
<b>Kent</b>																			
All Races	17	30	18	19	11	15	18	17	14	18	10	21	19	27	16	17	21	13	
White	10	17	9	12	5	10	10	11	4	13	4	16	10	22	8	8	6	7	
Black	7	13	8	7	6	5	7	6	10	5	6	5	9	5	8	8	14	5	
Other	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	
<b>New Castle</b>																			
All Races	81	68	98	66	68	37	45	48	48	65	61	67	72	55	78	60	66	68	
White	47	33	59	29	32	20	24	21	26	27	22	40	37	30	37	33	31	31	
Black	34	35	38	37	36	15	21	26	20	38	38	27	35	22	40	27	31	35	
Other	0	0	1	0	0	2	0	1	2	0	1	0	0	3	1	0	2	2	
<b>Wilmington</b>																			
All Races	29	25	34	27	24	15	11	19	14	18	20	16	17	12	18	12	16	16	
White	7	2	11	4	4	3	2	1	4	2	4	4	2	2	4	4	1	2	
Black	22	23	23	23	20	11	9	18	10	16	16	12	15	10	14	8	15	14	
Other	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Balance of NC County</b>																			
All Races	52	43	64	39	44	22	34	29	34	47	41	51	55	43	60	48	50	52	
White	40	31	48	25	28	17	22	20	22	25	18	36	35	28	33	29	32	29	
Black	12	12	15	14	16	4	12	8	10	22	22	15	20	12	26	19	16	21	
Other	0	0	1	0	0	1	0	1	2	0	1	0	0	3	1	0	2	2	
<b>Sussex</b>																			
All Races	30	12	20	8	15	18	16	12	19	20	10	14	23	14	13	20	17	18	
White	20	8	11	3	7	10	12	11	12	14	5	9	13	5	8	10	7	12	
Black	10	4	9	5	8	7	4	0	6	6	5	5	9	8	5	9	10	4	
Other	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	1	0	2	

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 Statistics Center

TABLE E-2  
NUMBER OF NEONATAL DEATHS BY RACE  
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2006

Area/ Race	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<b>U.S.</b>																			
All Races	25168	24309	22978	21849	21174	20250	19155	18326	18524	18918	18728	18776	18265	18749	18893	18593	18770	19013*	
White	16428	15751	14698	13915	13506	13100	12644	12252	12269	12406	12164	12201	12013	12354	12495	12238	12239	12340*	
Black	8021	7905	7677	7296	7044	6499	5940	5483	5637	5824	5920	5843	5585	5646	5640	5495	5740	5854*	
Other	719	653	603	638	624	651	571	591	618	688	644	732	667	749	758	860	791	819*	
<b>Delaware</b>																			
All Races	93	76	90	64	69	48	47	53	55	74	58	71	82	79	75	63	77	72	
White	60	40	55	33	33	28	26	28	26	33	21	45	44	48	36	33	34	36	
Black	33	36	34	31	36	18	20	24	27	41	37	26	37	28	38	28	40	33	
Other	0	0	1	0	0	2	1	1	2	0	0	0	1	3	1	2	3	3	
<b>Kent</b>																			
All Races	7	19	12	11	6	7	10	13	10	9	8	15	15	22	8	11	14	7	
White	3	13	5	9	2	3	6	7	1	6	3	11	10	18	3	5	3	4	
Black	4	6	6	2	4	4	3	6	9	3	5	4	5	4	5	5	10	3	
Other	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	
<b>New Castle</b>																			
All Races	67	46	66	47	56	28	26	33	33	47	44	50	54	47	56	39	52	52	
White	40	20	43	21	27	17	12	14	19	15	14	29	27	26	27	21	26	22	
Black	27	26	23	26	29	9	14	18	13	32	30	21	27	19	28	18	24	28	
Other	0	0	0	0	0	2	0	1	1	0	0	0	0	2	1	0	2	2	
<b>Wilmington</b>																			
All Races	24	20	22	19	17	10	6	14	6	12	14	13	14	9	10	9	13	12	
White	7	2	10	3	2	3	0	1	3	1	2	4	1	1	1	3	1	1	
Black	17	18	12	16	15	6	6	13	3	11	12	9	13	8	9	6	12	11	
Other	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Balance of NC County</b>																			
All Races	43	26	44	28	39	18	20	19	27	35	30	37	40	38	46	30	39	40	
White	33	18	33	18	25	14	12	13	16	14	12	25	26	25	26	18	25	21	
Black	10	8	11	10	14	3	8	5	10	21	18	12	14	11	19	12	12	17	
Other	0	0	0	0	0	1	0	1	1	0	0	0	0	2	1	0	2	2	
<b>Sussex</b>																			
All Races	19	11	12	6	7	13	11	7	12	18	6	6	13	10	11	13	11	13	
White	17	7	7	3	4	8	8	7	6	12	4	5	7	4	6	7	5	10	
Black	2	4	5	3	3	5	3	0	5	6	2	1	5	5	5	5	6	2	
Other	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	1	

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 Statistics Center

TABLE E-3  
NUMBER OF POSTNEONATAL DEATHS BY RACE  
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2006

Area/ Race	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>U.S.</b>	14487	14042	13788	12779	12292	11460	10428	9911	9521	9453	9209	9259	9303	9285	9132	9343	9670	9596*
All Races	9366	9132	8959	8249	7991	7404	6846	6497	6270	6155	5903	5943	5942	6015	5945	5993	6275	6156*
White	4506	4385	4317	4052	3843	3573	3178	3007	2859	2902	2902	2928	2913	2878	2762	2999	2955	2970*
Black	615	525	512	478	458	483	404	407	392	396	404	388	448	392	425	351	440	470*
Other	35	34	46	29	25	22	32	24	26	29	23	31	32	17	32	34	27	27
<b>Delaware</b>	17	18	24	11	11	12	20	15	16	21	10	20	16	9	17	18	12	14
All Races	18	16	21	18	14	9	12	8	9	8	12	11	16	7	15	16	15	11
White	0	0	1	0	0	1	0	1	1	0	1	0	0	1	0	0	0	2
Black	10	11	6	8	5	8	8	4	4	9	2	6	4	5	8	6	7	6
Other	7	4	4	3	3	7	4	4	3	7	1	5	0	4	5	3	3	3
<b>Kent</b>	3	7	2	5	2	1	4	0	1	2	1	1	4	1	3	3	4	2
All Races	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
White	14	22	32	19	12	9	19	15	15	18	17	17	18	8	22	21	14	16
Black	7	13	16	8	5	3	12	7	7	12	8	11	10	4	10	12	7	9
Other	7	9	15	11	7	6	7	8	7	6	8	6	8	3	12	9	7	7
<b>Wilmington</b>	0	0	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0
All Races	5	5	12	8	7	5	5	5	8	6	6	3	3	3	8	3	3	4
White	0	0	1	1	2	0	2	0	1	1	2	0	1	1	3	1	0	1
Black	5	5	11	7	5	5	3	5	7	5	4	3	2	2	5	2	3	3
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>	9	17	20	11	5	4	14	10	7	12	11	14	15	5	14	18	11	12
All Races	7	13	15	7	3	3	10	7	6	11	6	11	9	3	7	11	7	8
White	2	4	4	4	2	1	4	3	0	1	4	3	6	1	7	7	4	4
Black	0	0	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0
Other	11	1	8	2	8	5	5	5	7	2	4	8	10	4	2	7	6	5
<b>Sussex</b>	3	1	4	0	3	2	4	4	6	2	1	4	6	1	2	3	2	2
All Races	8	0	4	2	5	2	1	0	1	0	3	4	4	3	0	4	4	2
White	8	0	4	2	5	2	1	0	1	0	3	4	4	3	0	4	4	2
Black	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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

Sources:  
National Center for Health Statistics  
Delaware Health Statistics Center

TABLE E- 4  
 FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1986-2006

Area/ Race	1986 -1990	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>																	
All Races	9.9	9.6	9.3	9.0	8.6	8.3	8.0	7.7	7.5	7.3	7.1	7.0	7.0	6.9	6.9	6.9	6.8
White	8.3	8.0	7.7	7.3	6.5	6.8	6.5	6.4	6.2	6.0	5.9	5.8	5.8	5.7	5.7	5.7	N/A
Black	18.0	17.9	17.7	17.5	15.8	16.4	15.8	15.3	14.8	14.6	14.4	14.2	14.3	14.2	14.0	14.0	N/A
<b>Delaware</b>																	
All Races	11.3+	11.5+	10.9+	10.3+	9.3	8.9	7.9	7.8	7.9	8.1+	8.4+	9.0+	9.2+	9.1+	9.3+	9.2+	8.8+
White	8.9	8.9	8.2	7.5	6.6	6.4	5.6-	5.6	5.9	5.7	6.2	6.6	6.9+	6.9+	7.3+	6.8+	6.4
Black	19.6	20.0	19.8	19.9	18.2	17.0	15.8	14.7	14.4	15.8	15.9	17.1+	16.7+	16.7+	16.1	17.1+	16.1
<b>Kent</b>																	
All Races	11.2	11.3	11.3	9.7	9.5	8.6	8.6	8.2	9.0	8.4	8.6	8.7	9.9	9.5	10.2	10.0	9.1
White	9.4	9.0	8.8	7.3	7.3	6.5	6.8	5.8	7.1	6.3	7.0	6.9	9.5	8.6	9.2	7.6	7.0
Black	17.7	18.9	19.9	17.9	17.6	15.5	15.2	16.6	15.9	15.7	14.3	15.2	12.7	13.4	13.9	17.0	14.8
<b>New Castle</b>																	
All Races	11.2	11.3	10.8	10.7	9.5	9.0	7.8	7.3	7.3	7.9	8.5	9.1	9.2	9.5	9.4	9.3	9.1
White	8.4	8.6	7.9	7.5	6.5	6.3	5.0	4.9	4.8	4.9	5.6	6.2	6.4	6.8	7.3	7.0	6.8
Black	21.1	20.8	20.8	21.7	19.8	18.3	17.5	15.3	15.1	17.4	17.7	18.2	18.0	18.0	16.5	16.7	16.3
Wilmington																	
All Races	20.9	20.4	19.6	19.4	18.0	16.6	15.2	13.6	12.8	13.7	14.4	14.0	13.5	13.5	12.4	12.4	12.0
White	16.2	14.1	12.3	11.2	9.7	10.1	---	---	---	---	---	---	---	---	---	---	---
Black	23.8	24.1	23.7	24.3	22.7	20.4	20.5	17.8	16.8	18.0	18.7	18.0	17.9	17.6	15.9	17.0	16.3
Balance of NC County																	
All Races	8.6	9.0	8.6	8.5	7.5	7.2	6.1	5.9	6.0	6.7	7.2	8.1	8.3	8.6	8.8	8.7	8.5
White	7.6	8.1	7.4	7.1	6.2	5.9	4.8	4.8	4.7	4.8	5.4	6.1	6.4	6.8	7.3	7.2	6.9
Black	17.4	16.5	17.1	18.6	16.3	16.0	14.4	12.9	13.6	16.8	16.8	18.5	18.1	18.2	17.0	16.6	16.3
<b>Sussex</b>																	
All Races	12.2	12.2	10.7	9.7	8.3	8.7	7.9	9.0	9.5	8.5	8.1	9.0	8.3	7.4	8.1	8.2	7.5
White	10.5	10.1	8.8	7.8	6.2	6.8	6.8	8.0	8.9	8.0	7.5	7.6	6.5	5.5	5.9	5.5	5.0
Black	16.8	18.0	16.1	15.3	13.7	13.8	10.4	11.1	10.4	9.9	10.4	14.4	15.9	15.4	16.9	19.0	16.9

INFANT4

**Notes:**

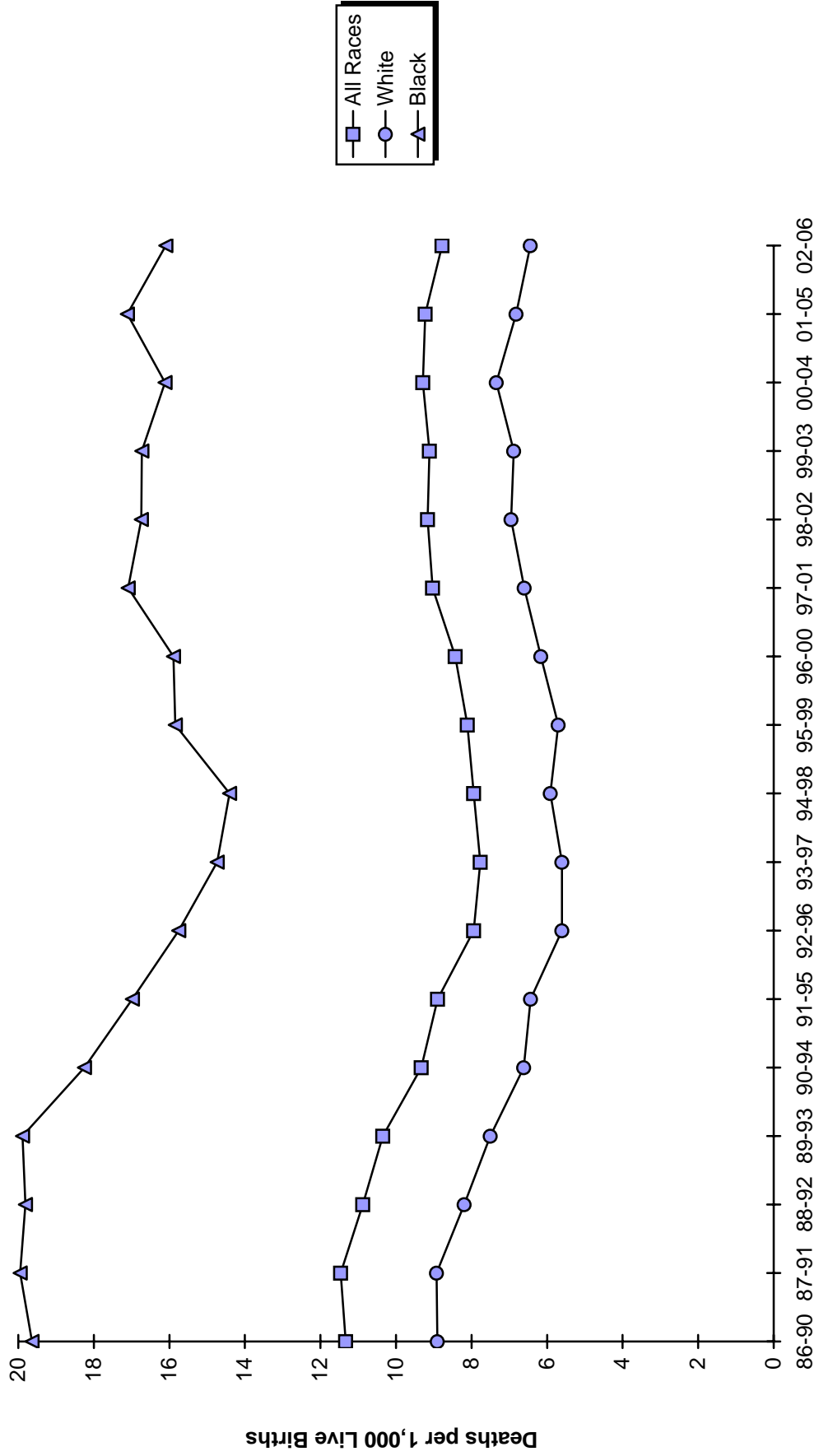
- 2002-2006 US data are based on NCHS estimates.
- N/A indicates data not available.
- Infant mortality rates represent the number of deaths of children under one year of age per 1000 live births.
- "+" indicates that the Delaware rate is significantly higher than the U.S. rate.
- "-" indicates that the Delaware rate is significantly lower than the U.S. rate.
- ".--" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
- No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

**Sources:**

National Center for Health Statistics  
 Delaware Health Statistics Center

**Figure E-1**  
**Five-Year Average Infant Mortality Rates by Race**

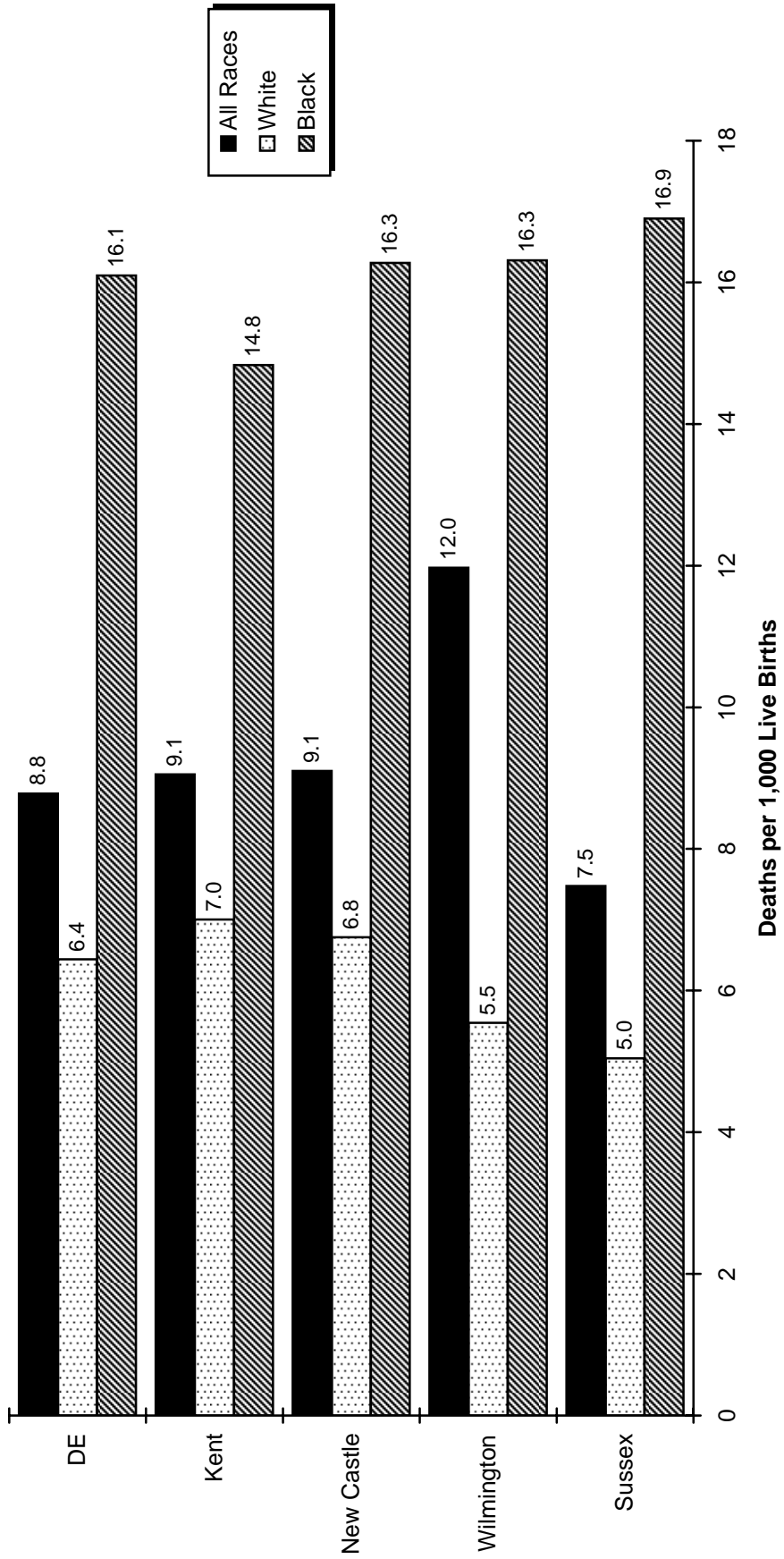
**Delaware, 1986-2006**



**Source:**  
 Delaware Health Statistics Center

**Five-Year Intervals**

**Figure E-2**  
**Five-Year Average Infant Mortality Rates by Race**  
**Delaware, Counties and the City of Wilmington, 2002-2006**



Source:  
 Delaware Health Statistics Center



TABLE E-5  
 FIVE-YEAR AVERAGE NEONATAL MORTALITY RATES BY RACE  
 U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1986-2006

Area/ Race	1986 -1990	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>																	
All Races	6.3	6.1	5.9	5.7	5.4	5.3	5.1	5.0	4.9	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.6
White	5.3	5.1	4.8	4.6	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	N/A
Black	11.7	11.6	11.4	11.3	10.9	10.6	10.2	9.9	9.7	9.6	9.5	9.5	9.5	9.5	9.3	9.2	N/A
<b>Delaware</b>																	
All Races	8.2+	8.1+	7.6+	7.2+	6.4+	6.0+	5.4	5.3	5.4	5.5+	5.9+	6.4+	6.7+	6.7+	6.7+	6.7+	6.4+
White	6.5+	6.4+	5.9+	5.5+	4.7	4.5	3.8	3.7	3.7	3.5	4.0	4.4	5.0+	5.0+	5.3+	5.0+	4.7
Black	14.1+	13.7+	13.5+	13.2	12.1	11.1	10.7	10.4	10.6	11.9+	12.1+	12.8+	12.7+	12.2+	11.4+	12.2+	11.6
<b>Kent</b>																	
All Races	7.1	7.2	6.6	5.6	5.6	4.9	5.0	5.0	5.4	5.5	5.9	6.1	7.2	7.0	7.2	7.0	6.0
White	6.0	5.7	5.2	4.4	4.4	3.6	3.8	---	3.4	3.4	4.1	4.6	7.0	6.5	6.8	5.5	4.5
Black	11.2	12.2	11.2	9.6	10.0	---	---	12.7	12.1	12.0	12.1	11.3	8.9	9.3	9.2	11.2	10.0
<b>New Castle</b>																	
All Races	8.5	8.4	7.9	7.9	6.9	6.4	5.6	5.2	5.0	5.4	6.1	6.6	6.9	7.1	7.0	7.0	6.8
White	6.3	6.4	5.9	5.7	4.8	4.6	3.6	3.6	3.1	3.0	3.7	4.3	4.5	5.0	5.3	5.2	5.0
Black	16.2	15.2	15.0	15.8	13.9	12.6	12.4	10.8	10.8	13.0	13.5	14.2	14.5	13.9	12.4	12.5	12.3
<b>Wilmington</b>																	
All Races	16.7	15.9	15.0	14.3	12.7	11.1	10.5	8.7	8.0	8.7	9.8	9.7	10.1	9.8	9.1	9.1	8.6
White	14.2	13.3	11.5	9.6	8.1	---	---	---	---	---	---	---	---	---	---	---	---
Black	18.3	17.6	17.0	17.0	15.2	13.0	14.2	11.2	10.2	11.8	12.5	12.5	13.8	13.4	12.1	13.1	12.3
<b>Balance of NC County</b>																	
All Races	6.4	6.4	6.1	6.3	5.5	5.3	4.5	4.5	4.3	4.7	5.3	6.0	6.3	6.6	6.5	6.6	6.5
White	5.5	5.7	5.3	5.2	4.5	4.3	3.5	3.5	3.1	3.0	3.6	4.2	4.6	5.1	5.4	5.5	5.2
Black	13.3	12.1	12.4	14.3	12.3	12.1	10.6	10.3	11.4	14.1	14.4	15.6	15.1	14.2	12.5	12.1	12.3
<b>Sussex</b>																	
All Races	8.3	7.8	7.7	6.3	5.6	5.5	5.0	5.6	6.8	6.0	5.3	5.8	5.5	4.6	5.1	5.5	5.3
White	7.8	6.9	6.8	6.1	4.6	4.8	4.8	5.1	6.2	5.5	5.0	4.9	4.5	3.6	3.8	3.7	3.8
Black	9.9	10.3	10.2	---	8.3	---	---	---	---	---	---	---	---	---	9.9	12.1	10.8

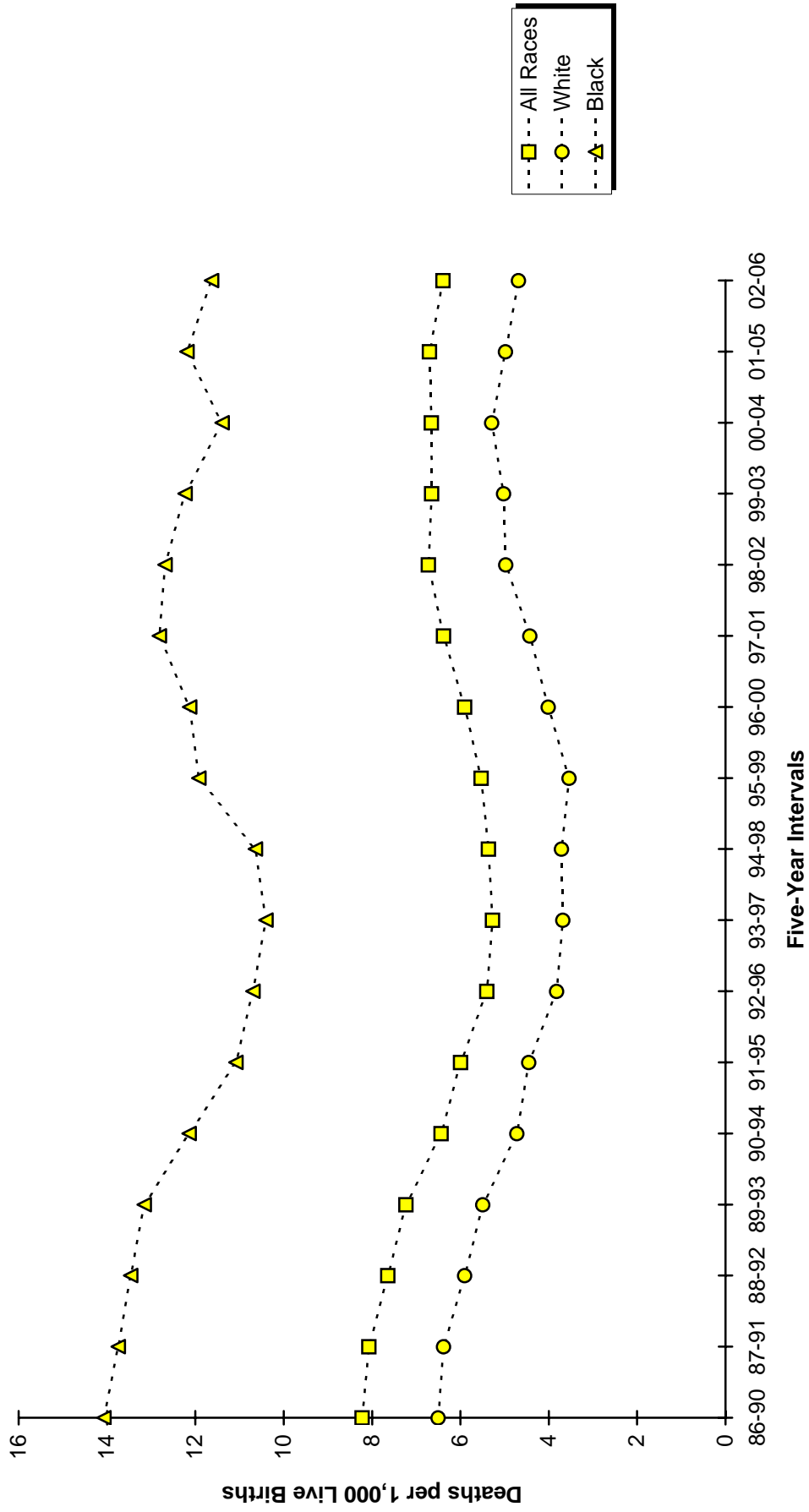
INFANTS

**Notes:**  
 1. 2002-2006 US data are based on NCHS estimates.  
 2. N/A indicates data not available.  
 3. Neonatal mortality rates represent the number of deaths of children under 28 days of age per 1000 live births.  
 4. + indicates that the Delaware rate is significantly higher 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 Statistics Center

**Figure E-3**  
**Five-Year Average Neonatal Mortality Rates by Race**

**Delaware, 1986-2006**



Source:  
 Delaware Health Statistics Center

TABLE E-6  
FIVE-YEAR AVERAGE POSTNEONATAL MORTALITY RATES BY RACE  
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1986-2006

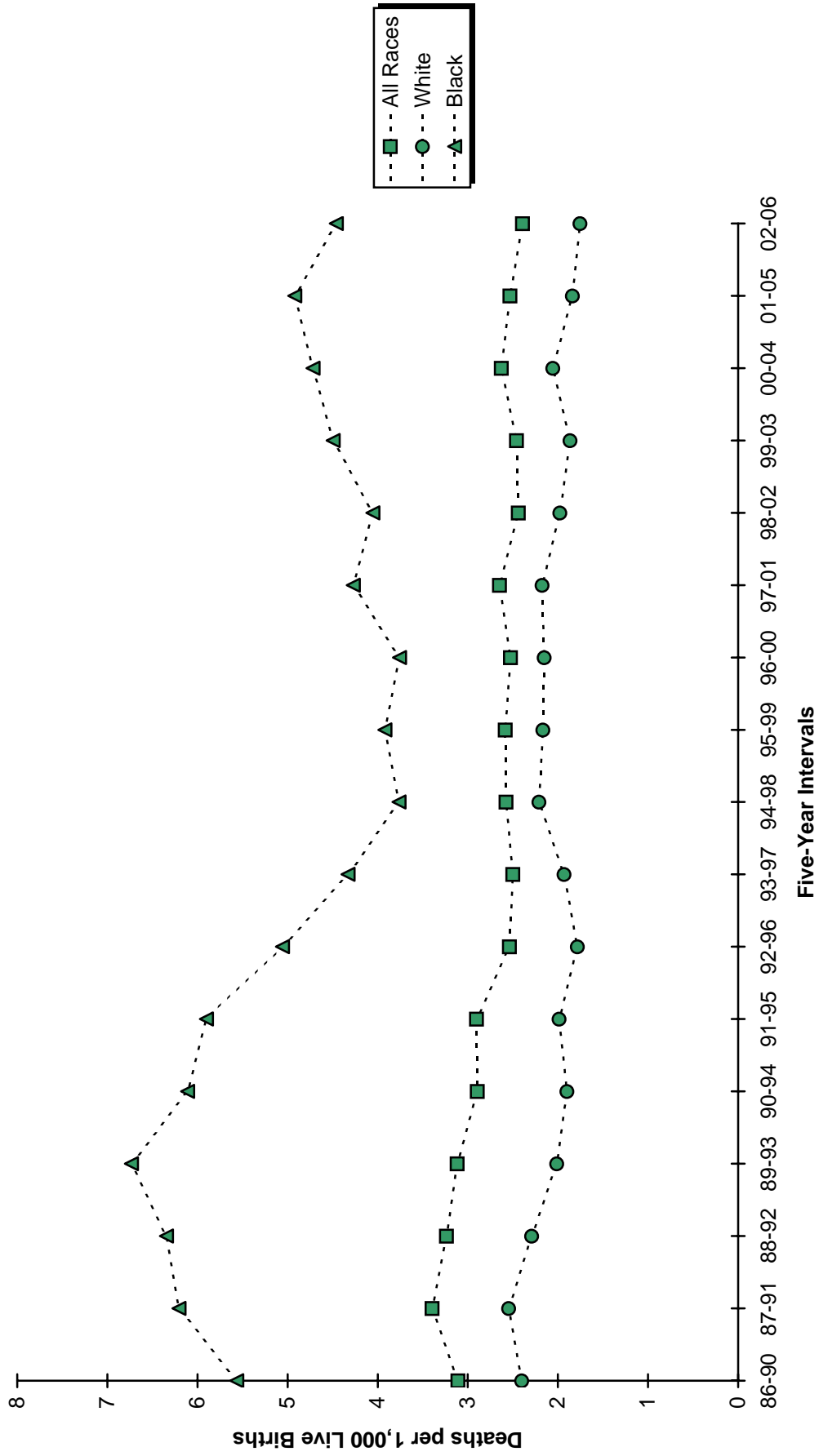
Area/ Race	1986 -1990	1987 -1991	1988 -1992	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>U.S.</b>																	
All Races	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3
White	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	N/A
Black	6.3	6.3	6.3	6.3	6.0	5.8	5.6	5.4	5.1	5.0	4.8	4.8	4.8	4.7	4.8	4.8	N/A
<b>Delaware</b>																	
All Races	3.1	3.4	3.2	3.1	2.9	2.9	2.5	2.5	2.6	2.6	2.5	2.6	2.4	2.5	2.6	2.5	2.4
White	2.4-	2.5	2.3-	2.0-	1.9-	2.0-	1.8-	1.9	2.2	2.2	2.2	2.2	2.0	1.9	2.1	1.8	1.8
Black	5.6	6.2	6.3	6.7	6.1	5.9	5.1	4.3	3.8-	3.9	3.8	4.3	4.1	4.5	4.7	4.9	4.5
<b>Kent</b>																	
All Races	4.0	4.1	4.7	4.1	3.9	3.7	3.5	3.2	3.6	3.0	2.7	2.7	2.7	2.6	2.9	3.0	3.1
White	3.4	3.3	3.6	2.9	2.9	3.0	3.0	3.1	3.7	---	2.9	---	---	---	---	---	---
Black	---	---	8.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>New Castle</b>																	
All Races	2.7	3.0	2.9	2.8	2.7	2.6	2.2	2.1	2.3	2.5	2.4	2.5	2.2	2.3	2.4	2.3	2.3
White	2.1	2.2	2.0	1.8	1.7	1.7	1.4	1.4	1.7	1.9	1.8	2.0	1.8	1.8	1.9	1.8	1.7
Black	4.9	5.6	5.8	5.9	5.9	5.7	5.1	4.5	4.3	4.4	4.2	4.0	3.5	4.1	4.2	4.2	4.0
Wilmington																	
All Races	4.1	4.5	4.6	5.2	5.3	5.5	4.8	4.9	4.8	5.0	4.6	4.3	3.4	3.7	3.3	3.3	3.4
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	5.4	6.6	6.7	7.2	7.5	7.3	6.3	6.5	6.6	6.3	6.2	5.5	---	---	---	---	---
Balance of NC County																	
All Races	2.3	2.6	2.5	2.2	2.0	1.9	1.6	1.5	1.7	1.9	1.9	2.1	2.0	2.0	2.3	2.1	2.0
White	2.1	2.3	2.1	1.9	1.7	1.6	1.3	1.3	1.6	1.8	1.8	1.9	1.8	1.6	1.9	1.7	1.6
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	4.0	4.4	4.4	4.0
<b>Sussex</b>																	
All Races	3.9	4.4	3.0	3.4	2.7	3.2	2.9	3.4	2.7	2.5	2.8	3.3	2.9	2.8	3.0	2.7	2.2
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:  
1. 2002-2006 US data based on NCHS estimates.  
2. N/A indicates data not available.  
3. Postneonatal mortality rates represent the number of deaths of children 28 to 364 days of age per 1000 live births.  
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 Statistics Center

**Figure E-4**  
**Five-Year Average Postneonatal Mortality Rates by Race**

**Delaware, 1986-2006**



Source:  
 Delaware Health Statistics Center

TABLE E-7  
FIVE-YEAR AVERAGE PERINATAL MORTALITY RATES BY RACE

DELAWARE AND COUNTIES, 1989-2006

Area/ Race	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006
<b>Delaware</b>														
All Races	9.8	8.8	8.0	7.1	6.9	6.9	7.0	7.1	7.6	8.1	8.1	8.0	8.2	8.0
White	7.6	6.8	6.3	5.7	5.6	5.7	5.4	5.6	5.8	6.2	6.3	6.3	6.2	6.1
Black	16.9	15.2	13.2	11.4	10.8	10.9	12.0	12.4	14.0	14.7	14.5	13.7	14.6	13.5
<b>Kent</b>														
All Races	8.4	8.2	7.6	7.7	6.7	7.3	7.6	7.5	7.4	9.1	9.0	8.5	9.0	8.2
White	7.8	7.5	6.4	6.4	4.8	5.6	5.8	6.0	6.2	8.3	7.9	7.5	7.1	6.0
Black	10.5	9.9	10.3	11.2	12.7	12.5	13.3	12.9	12.2	12.2	12.9	11.5	14.6	14.0
<b>New Castle</b>														
All Races	10.4	9.2	8.3	7.3	6.9	6.7	7.0	7.3	8.0	8.4	8.5	8.4	8.5	8.2
White	7.6	6.7	6.3	5.5	5.5	5.3	5.0	5.3	5.6	5.8	6.2	6.3	6.3	6.2
Black	19.7	17.5	14.8	13.2	11.3	11.3	13.1	13.7	15.4	16.4	16.0	15.0	15.1	14.1
<b>Sussex</b>														
All Races	8.9	8.1	7.2	5.9	7.0	7.3	6.6	6.3	6.7	6.5	6.0	6.3	6.7	6.9
White	7.5	6.5	6.2	6.2	6.8	7.2	6.5	6.1	5.7	5.5	5.1	5.3	5.2	6.0
Black	13.1	12.3	10.4	5.6	7.5	7.6	6.6	6.6	10.2	10.1	9.6	10.3	12.5	10.3

PERI\_RACE

**Notes:**

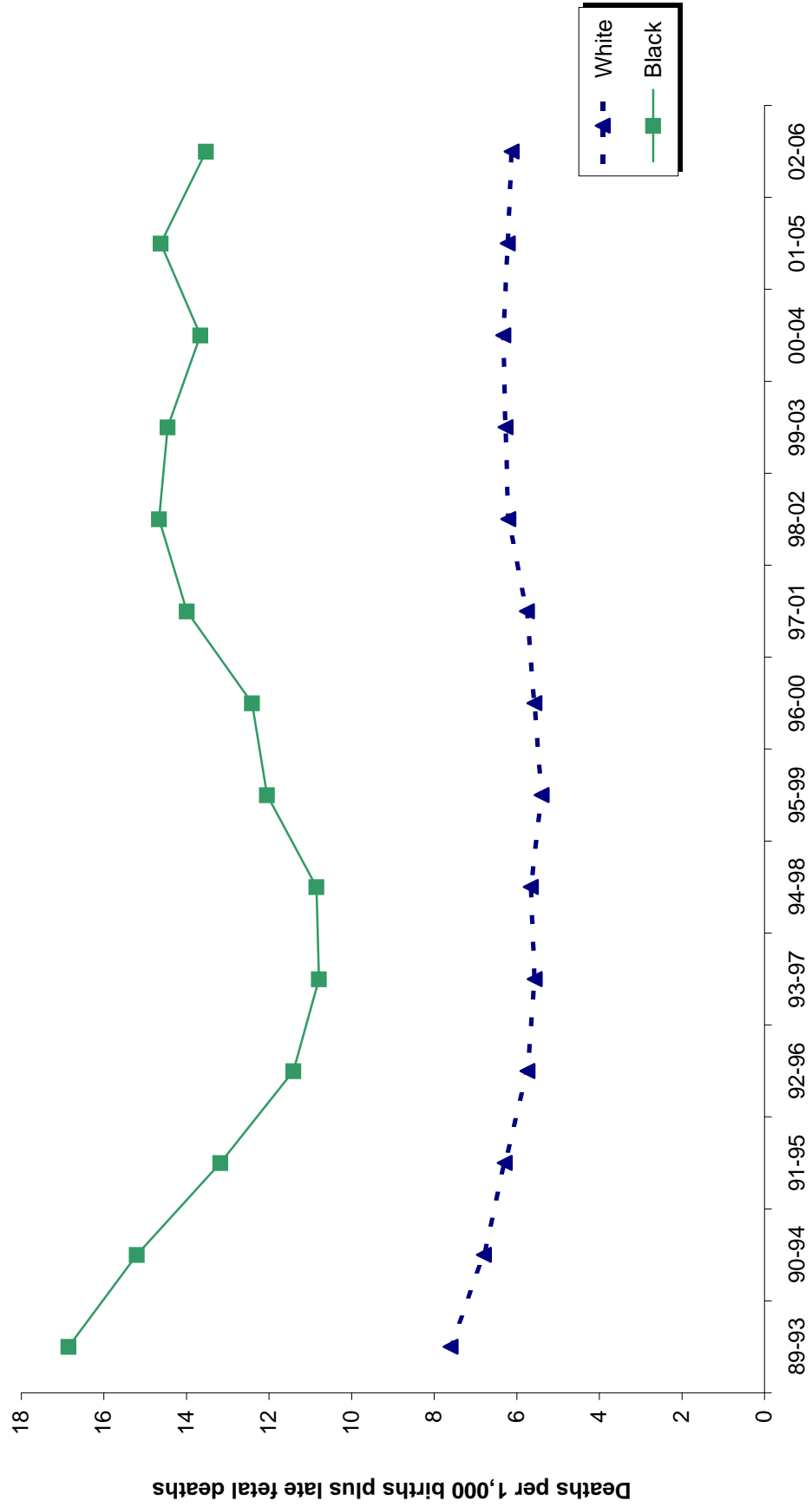
1. Perinatal relates to the period surrounding the birth event.
2. The perinatal mortality rate is the sum of late fetal deaths (28+ weeks gestation) and early infant deaths (<7 days of age) per 1,000 live births and late fetal deaths.

**Source:**

Delaware Health Statistics Center

**Figure E-5**  
**Five-year Average Perinatal Mortality Rates by Race**

**Delaware, 1989-2006**



**Source:**  
 Delaware Health Statistics Center

TABLE E-8  
FIVE-YEAR AVERAGE INFANT MORTALITY  
RATES BY SELECTED RISK MARKERS AND RACE OF MOTHER

DELAWARE, 2001-2005 LIVE BIRTH COHORT

Risk Factor	Race		
	All Races	White	Black
<b>Birth Weight of Child</b>			
<2500	73.9	67.8	87.5
<1500	311.1	317.5	313.6
1500-2499	13.3	12.5	14.5
2500+	2.2	1.9	3.5
<b>Age of Mother</b>			
<20	11.2	10.9	11.8
20-24	9.7	7.1	15.0
25-29	8.9	5.8	19.8
30+	8.1	6.8	15.5
<b>Marital Status of Mother</b>			
Married	7.0	6.0	14.8
Single	11.9	9.0	15.9
<b>Education of Mother</b>			
<12 years	10.2	9.3	13.7
H.S. diploma	11.5	8.1	19.1
1+ years college	6.3	5.0	12.0
<b>Trimester Care Received</b>			
Late/No PNC <sup>2</sup>	25.4	19.7	38.0
First	8.2	6.3	14.5
<b>Interval Since Last Live Birth</b>			
<18 months	13.8	10.3	20.5
18+ months	7.1	5.0	13.7

COHRATES

**Notes:**

1. Infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.
2. Defined as receiving no care or care in the third trimester.

**Source:**

Delaware Health Statistics Center

TABLE E-9  
LEADING CAUSES OF INFANT DEATH BY GESTATIONAL AGE CATEGORY  
DELAWARE, 2001-2005 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	108	1	0	1	110	98.2	99.1
Congenital malformations, deformations, and chromosomal abnormalities	24	18	22	0	64	37.5	65.6
Newborn affected by maternal complications of pregnancy	50	1	0	0	51	98.0	100.0
Sudden infant death syndrome	3	7	28	0	38	7.9	26.3
Newborn affected by complications of placenta, cord, and membranes	27	2	1	0	30	90.0	96.7
Respiratory distress of newborn	21	0	0	0	21	100.0	100.0
Bacterial sepsis of newborn	19	1	1	0	21	90.5	95.2
Diseases of the circulatory system	2	3	8	0	13	15.4	38.5
Intrauterine hypoxia and birth asphyxia	6	1	2	0	9	66.7	77.8
Accidents (unintentional injuries)	1	3	5	0	9	11.1	44.4
Gastritis, duodenitis, and noninfective enteritis and colitis	7	0	0	0	7	100.0	100.0
Pulmonary hemorrhage originating in the perinatal period	7	0	0	0	7	100.0	100.0
Renal failure and other disorders of kidney	4	0	2	0	6	66.7	66.7
Newborn affected by other complications of labor and delivery	5	0	1	0	6	83.3	83.3
Neonatal hemorrhage	5	0	1	0	6	83.3	83.3
Septicemia	2	1	2	0	5	40.0	60.0
Slow fetal growth and fetal malnutrition	5	0	0	0	5	100.0	100.0
Necrotizing enterocolitis of newborn	2	2	1	0	5	40.0	80.0
Atelectasis	3	1	0	0	4	75.0	100.0
Interstitial emphysema and related conditions originating in the perinatal period	3	0	0	0	3	100.0	100.0
All other causes	36	21	31	0	88	40.9	64.8
<b>TOTAL</b>	<b>340</b>	<b>62</b>	<b>105</b>	<b>1</b>	<b>508</b>	<b>66.9</b>	<b>79.1</b>

INFLCOD

**Notes:**

1. Leading causes of infant death are categorized using the 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 Statistics Center



TABLE E-10  
FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS

DELAWARE LIVE BIRTH COHORT, 1989-2005

Parameter/ Race	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005
<b>BIRTHWEIGHT</b>													
<b>2500+</b>													
All Races	2.8	2.6	2.6	2.3	2.3	2.5	2.4	2.4	2.5	2.3	2.4	2.5	2.2
White	2.3	2.1	2.1	2.0	2.1	2.4	2.4	2.3	2.4	2.1	2.0	2.1	1.9
Black	4.7	4.1	4.1	3.3	2.9	2.8	2.8	2.8	3.0	3.0	3.6	3.9	3.5
<b>&lt;2500</b>													
All Races	94.4	83.8	76.4	68.7	65.4	64.8	66.5	69.5	75.2	76.4	74.2	73.1	73.9
White	82.6	69.9	66.3	58.4	56.9	55.4	53.9	55.9	63.2	68.7	67.4	68.8	67.8
Black	110.9	102.9	91.1	85.3	78.9	78.8	86.0	88.2	93.7	90.5	88.3	83.0	87.5
<b>&lt;1500</b>													
All Races	364.7	337.3	307.1	272.9	255.2	258.5	262.7	270.9	304.8	316.2	302.4	306.2	311.1
White	361.0	311.4	282.1	239.3	229.8	223.2	219.3	231.5	281.9	303.4	297.2	316.8	317.5
Black	366.2	355.0	328.4	306.1	280.3	296.8	315.8	312.1	329.8	335.5	317.0	301.5	313.6
<b>GESTATION</b>													
<b>37+ weeks</b>													
All Races	3.0	2.6	2.7	2.3	2.4	2.6	2.6	2.5	2.5	2.3	2.3	2.4	2.2
White	2.5	2.1	2.3	2.2	2.3	2.6	2.6	2.4	2.3	2.1	1.9	2.0	1.7
Black	4.7	3.9	3.8	2.8	2.8	2.8	2.7	2.8	3.1	2.9	3.7	4.0	3.4
<b>&lt;37 weeks</b>													
All Races	68.2	62.9	56.2	50.3	47.1	45.6	45.9	48.2	53.0	54.3	52.8	52.6	53.1
White	58.9	51.3	45.6	38.1	37.2	35.4	33.6	35.7	41.8	45.5	45.1	46.5	44.8
Black	81.5	79.8	73.4	72.3	65.3	64.1	69.6	70.5	73.5	72.5	70.5	67.7	72.3
<b>&lt;32 weeks</b>													
All Races	267.6	260.6	238.6	212.4	196.5	199.8	201.3	214.9	238.1	249.6	238.7	239.4	246.9
White	283.3	259.5	231.0	186.3	177.7	179.4	174.0	191.5	228.4	249.2	238.2	244.0	245.5
Black	254.4	258.2	242.8	239.1	215.4	222.2	235.6	238.7	250.4	255.4	246.3	239.8	257.8
<b>PLURALITY</b>													
<b>Single</b>													
All Races	9.1	8.2	7.7	7.0	6.7	6.7	6.8	6.9	7.3	7.3	7.3	7.5	7.4
White	6.1	5.4	5.4	5.0	5.0	5.1	5.1	4.9	5.2	5.4	5.2	5.6	5.4
Black	18.8	16.8	14.8	13.3	12.1	11.5	12.2	12.9	13.4	13.4	13.8	13.5	13.6
<b>Plural</b>													
All Races	52.8	45.6	43.1	30.0	33.5	39.3	41.6	45.4	53.1	52.9	52.3	50.3	50.6
White	49.8	41.9	37.9	24.5	28.9	30.4	28.6	35.1	43.4	48.0	50.3	49.2	48.5
Black	65.2	---	---	---	---	68.7	84.6	73.0	80.7	68.5	60.8	54.1	62.8
<b>SMOKING DURING PREGNANCY</b>													
<b>No</b>													
All Races	9.2	8.1	7.8	7.0	7.1	7.1	7.4	7.6	8.1	8.0	8.2	8.2	8.1
White	6.7	5.5	5.4	5.0	5.3	5.2	5.3	5.3	5.7	5.8	5.9	6.2	6.0
Black	17.1	15.9	15.0	13.4	12.6	12.7	14.0	14.3	15.3	14.8	15.0	14.3	14.6
<b>Yes</b>													
All Races	13.4	13.3	12.1	10.3	9.2	10.6	10.6	11.3	13.4	15.1	14.1	14.8	15.1
White	8.7	9.5	9.6	8.2	7.4	9.4	9.3	9.8	12.2	14.2	12.7	13.3	13.0
Black	31.1	27.4	21.3	18.6	16.2	15.3	16.3	17.3	18.0	18.9	19.4	19.5	22.0

TABLE E-10 (continued)  
 FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS

DELAWARE LIVE BIRTH COHORT, 1989-2005

Parameter/ Race	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005
<b>EDUCATION</b>													
<b>HS Grad or less</b>													
All Races	11.8	10.6	10.4	9.5	9.4	9.9	10.4	10.3	11.1	11.5	11.4	11.4	11.0
White	8.4	7.4	7.6	6.9	7.2	8.0	8.0	7.8	8.4	9.1	8.8	9.1	8.6
Black	19.8	17.8	16.8	15.7	14.3	14.3	15.8	15.6	16.8	16.9	17.2	16.9	17.1
<b>1+ yrs college</b>													
All Races	7.2	6.5	5.7	5.0	4.9	4.9	4.9	5.5	6.1	6.0	6.0	6.0	6.3
White	5.5	4.6	4.2	4.0	3.9	3.7	3.6	4.1	4.6	4.7	4.7	5.0	5.0
Black	18.1	16.9	13.0	9.9	10.2	10.5	11.8	13.5	13.9	12.6	12.2	11.0	12.0
<b>PRENATAL CARE ATTAINMENT</b>													
<b>First</b>													
All Races	9.1	8.0	7.4	6.7	6.5	6.9	7.3	7.7	8.2	8.3	8.2	8.3	8.2
White	6.7	5.6	5.5	5.1	5.1	5.3	5.5	5.8	6.2	6.4	6.2	6.6	6.3
Black	19.9	18.0	15.0	13.5	12.3	12.6	14.2	14.6	15.2	14.8	15.0	14.2	14.5
<b>Late or no</b>													
All Races	26.4	23.8	27.2	24.0	25.2	21.9	19.4	15.5	20.1	21.7	25.8	25.0	25.4
White	20.8	24.3	29.6	20.5	24.9	22.3	16.7	11.5	17.4	19.6	24.2	22.1	19.7
Black	31.1	24.3	26.3	28.5	25.5	21.5	21.2	19.0	23.0	25.8	30.6	31.8	38.0
<b>PAYMENT FOR DELIVERY</b>													
<b>Medicaid</b>													
All Races	NA	NA	11.7	10.1	10.0	10.3	10.9	9.9	10.6	10.1	9.5	9.8	10.1
White	NA	NA	8.5	7.3	7.9	8.8	9.1	7.7	8.6	8.3	7.1	7.5	7.6
Black	NA	NA	15.4	13.8	12.9	12.7	13.6	13.1	13.8	13.0	13.3	13.7	14.7
<b>Private Insurance</b>													
All Races	NA	NA	6.1	5.5	5.3	5.5	5.7	6.5	6.8	7.4	7.7	7.8	7.5
White	NA	NA	4.8	4.4	4.2	4.2	4.3	4.9	5.2	5.7	5.9	6.1	5.8
Black	NA	NA	14.1	12.6	11.6	12.8	13.7	14.8	15.6	16.5	17.1	16.9	16.8

COTREND

**Notes:**

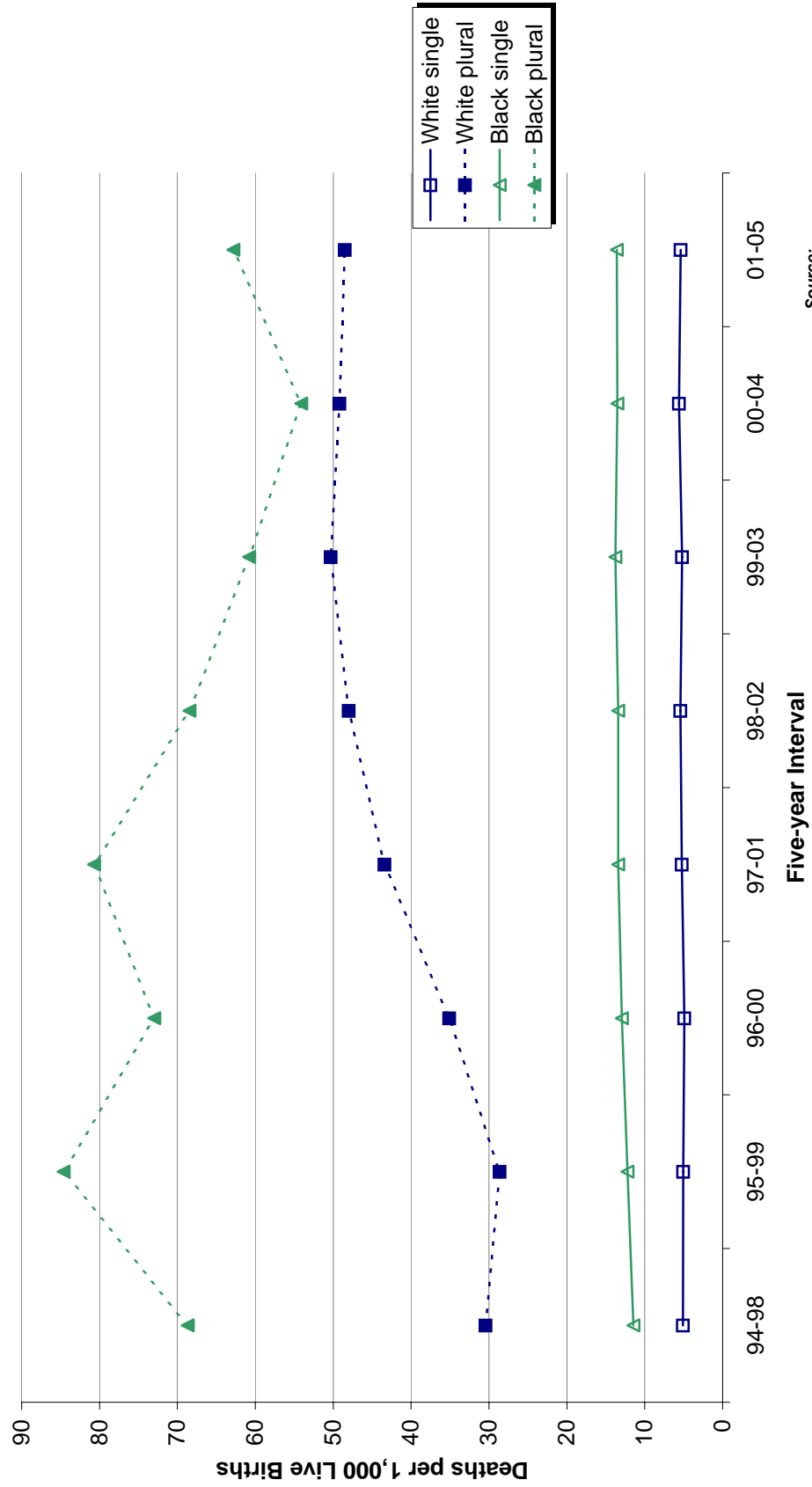
1. See the Basic Definitions section for definitions of birthweight, gestation, prenatal care attainment, and plurality.
2. "----" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.
3. Primary source of payment for delivery not available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

**Source:**

Delaware Health Statistics Center

**Figure E-6**  
**Five-year Average Infant Mortality Rates by Race and Plurality**

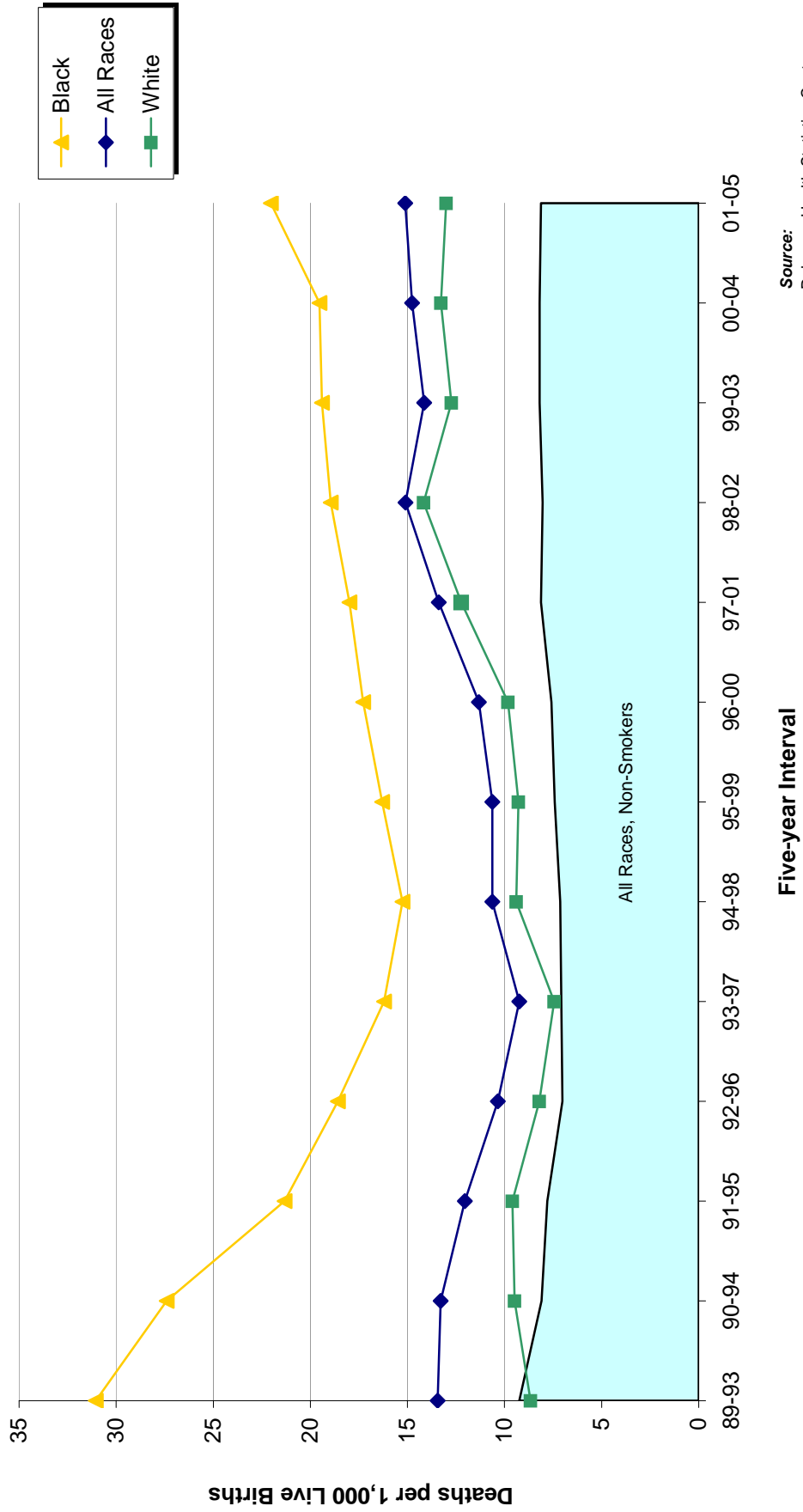
**Delaware, 1994-2005 Live Birth Cohort**



Source:  
 Delaware Health Statistics Center

**Figure E-7**  
**Five-year Average Infant Mortality Rates by Race of Mothers who Smoked**  
**during Pregnancy versus all Non-smoking Mothers**

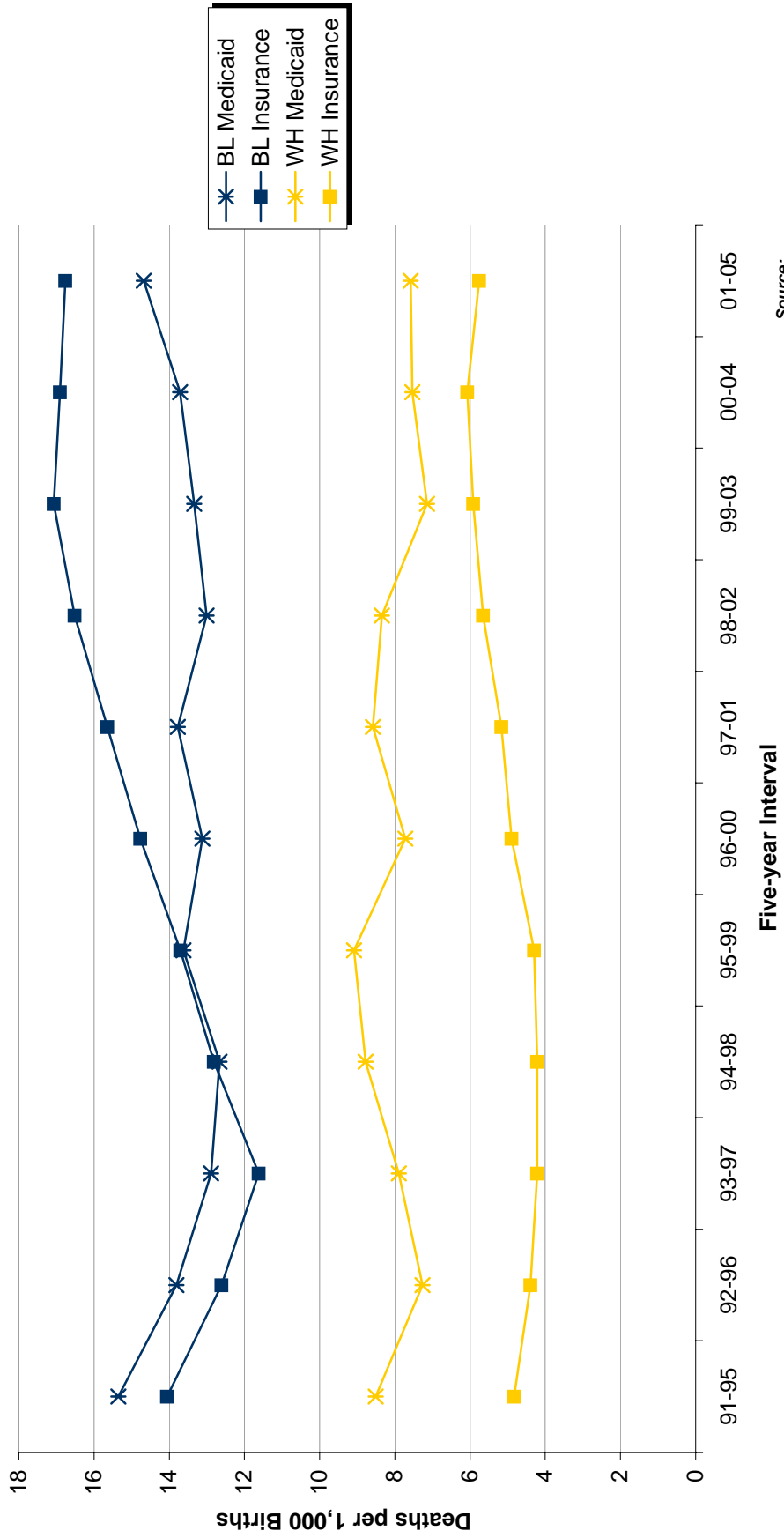
**Delaware, 1989-2005 Live Birth Cohort**



Source:  
 Delaware Health Statistics Center

**Figure E-8**  
**Five-year Average Infant Mortality Rates by Race and**  
**Source of Payment for Delivery**

**Delaware, 1991-2005 Live Birth Cohort**



Source:  
 Delaware Health Statistics Center

TABLE E-11  
NUMBER OF INFANT DEATHS BY PLURALITY, BIRTH WEIGHT IN GRAMS, RACE OF MOTHER AND SEX OF CHILD  
DELAWARE, 2001-2005 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	Female
<b>All Births</b>	508	279	229	273	147	126	219	127	92	16	5	11
<2500	392	209	183	205	109	96	176	98	78	11	2	9
<1500	336	182	154	174	93	81	154	88	66	8	1	7
<500	173	97	76	78	47	31	90	50	40	5	0	5
500-999	147	73	74	83	37	46	62	36	26	2	0	2
1000-1499	16	12	4	13	9	4	2	2	0	1	1	0
1500-1999	27	17	10	16	10	6	10	6	4	1	1	0
2000-2499	29	10	19	15	6	9	12	4	8	2	0	2
2500+	116	70	46	68	38	30	43	29	14	5	3	2
2500-2999	33	19	14	24	13	11	6	4	2	3	2	1
3000-3499	47	25	22	21	9	12	24	15	9	2	1	1
3500-3999	22	14	8	14	8	6	8	6	2	0	0	0
4000-4499	10	9	1	6	6	0	4	3	1	0	0	0
4500+	4	3	1	3	2	1	1	1	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Single Births</b>	401	221	180	203	106	97	183	111	72	15	4	11
<2500	286	152	134	136	69	67	140	82	58	10	1	9
<1500	238	130	108	110	57	53	120	72	48	8	1	7
<500	116	69	47	46	30	16	65	39	26	5	0	5
500-999	109	50	59	54	19	35	53	31	22	2	0	2
1000-1499	13	11	2	10	8	2	2	2	0	1	1	0
1500-1999	21	13	8	12	7	5	9	6	3	0	0	0
2000-2499	27	9	18	14	5	9	11	4	7	2	0	2
2500+	115	69	46	67	37	30	43	29	14	5	3	2
2500-2999	32	18	14	23	12	11	6	4	2	3	2	1
3000-3499	47	25	22	21	9	12	24	15	9	2	1	1
3500-3999	22	14	8	14	8	6	8	6	2	0	0	0
4000-4499	10	9	1	6	6	0	4	3	1	0	0	0
4500+	4	3	1	3	2	1	1	1	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Plural Births</b>	107	58	49	70	41	29	36	16	20	1	1	0
<2500	106	57	49	69	40	29	36	16	20	1	1	0
<1500	98	52	46	64	36	28	34	16	18	0	0	0
<500	57	28	29	32	17	15	25	11	14	0	0	0
500-999	38	23	15	29	18	11	9	5	4	0	0	0
1000-1499	3	1	2	3	1	2	0	0	0	0	0	0
1500-1999	6	4	2	4	3	1	1	0	1	1	1	0
2000-2499	2	1	1	1	1	0	1	0	1	0	0	0
2500+	1	1	0	1	1	0	0	0	0	0	0	0
2500-2999	1	1	0	1	1	0	0	0	0	0	0	0
3000-3499	0	0	0	0	0	0	0	0	0	0	0	0
3500-3999	0	0	0	0	0	0	0	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0

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

**Source:**  
Delaware Health Statistics Center

PLBWRCSX

TABLE E-12  
NUMBER OF NEONATAL DEATHS BY PLURALITY, BIRTH WEIGHT IN GRAMS, RACE OF MOTHER AND SEX OF CHILD  
DELAWARE, 2001-2005 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	Female
<b>All Births</b>	374	211	163	201	113	88	162	97	65	11	1	10
<2500	333	185	148	180	101	79	144	84	60	9	0	9
<1500	306	167	139	162	88	74	137	79	58	7	0	7
<500	172	97	75	78	47	31	89	50	39	5	0	5
500-999	121	61	60	72	33	39	47	28	19	2	0	2
1000-1499	13	9	4	12	8	4	1	1	0	0	0	0
1500-1999	12	10	2	9	7	2	3	3	0	0	0	0
2000-2499	15	8	7	9	6	3	4	2	2	2	0	2
2500+	41	26	15	21	12	9	18	13	5	2	1	1
2500-2999	15	9	6	9	6	3	4	2	2	2	1	1
3000-3499	15	9	6	6	3	3	9	6	3	0	0	0
3500-3999	6	4	2	4	2	2	2	2	0	0	0	0
4000-4499	3	3	0	1	1	0	2	2	0	0	0	0
4500+	2	1	1	1	0	1	1	1	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Single Births</b>	278	157	121	138	75	63	129	81	48	11	1	10
<2500	238	132	106	118	64	54	111	68	43	9	0	9
<1500	214	117	97	103	54	49	104	63	41	7	0	7
<500	115	69	46	46	30	16	64	39	25	5	0	5
500-999	89	40	49	48	17	31	39	23	16	2	0	2
1000-1499	10	8	2	9	7	2	1	1	0	0	0	0
1500-1999	10	8	2	7	5	2	3	3	0	0	0	0
2000-2499	14	7	7	8	5	3	4	2	2	2	0	2
2500+	40	25	15	20	11	9	18	13	5	2	1	1
2500-2999	14	8	6	8	5	3	4	2	2	2	1	1
3000-3499	15	9	6	6	3	3	9	6	3	0	0	0
3500-3999	6	4	2	4	2	2	2	2	0	0	0	0
4000-4499	3	3	0	1	1	0	2	2	0	0	0	0
4500+	2	1	1	1	0	1	1	1	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Plural Births</b>	96	54	42	63	38	25	33	16	17	0	0	0
<2500	95	53	42	62	37	25	33	16	17	0	0	0
<1500	92	50	42	59	34	25	33	16	17	0	0	0
<500	57	28	29	32	17	15	25	11	14	0	0	0
500-999	32	21	11	24	16	8	8	5	3	0	0	0
1000-1499	3	1	2	3	1	2	0	0	0	0	0	0
1500-1999	2	2	0	2	2	0	0	0	0	0	0	0
2000-2499	1	1	0	1	1	0	0	0	0	0	0	0
2500+	1	1	0	1	1	0	0	0	0	0	0	0
2500-2999	1	1	0	1	1	0	0	0	0	0	0	0
3000-3499	0	0	0	0	0	0	0	0	0	0	0	0
3500-3999	0	0	0	0	0	0	0	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0

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

**Source:**  
Delaware Health Statistics Center

NEOPLBW

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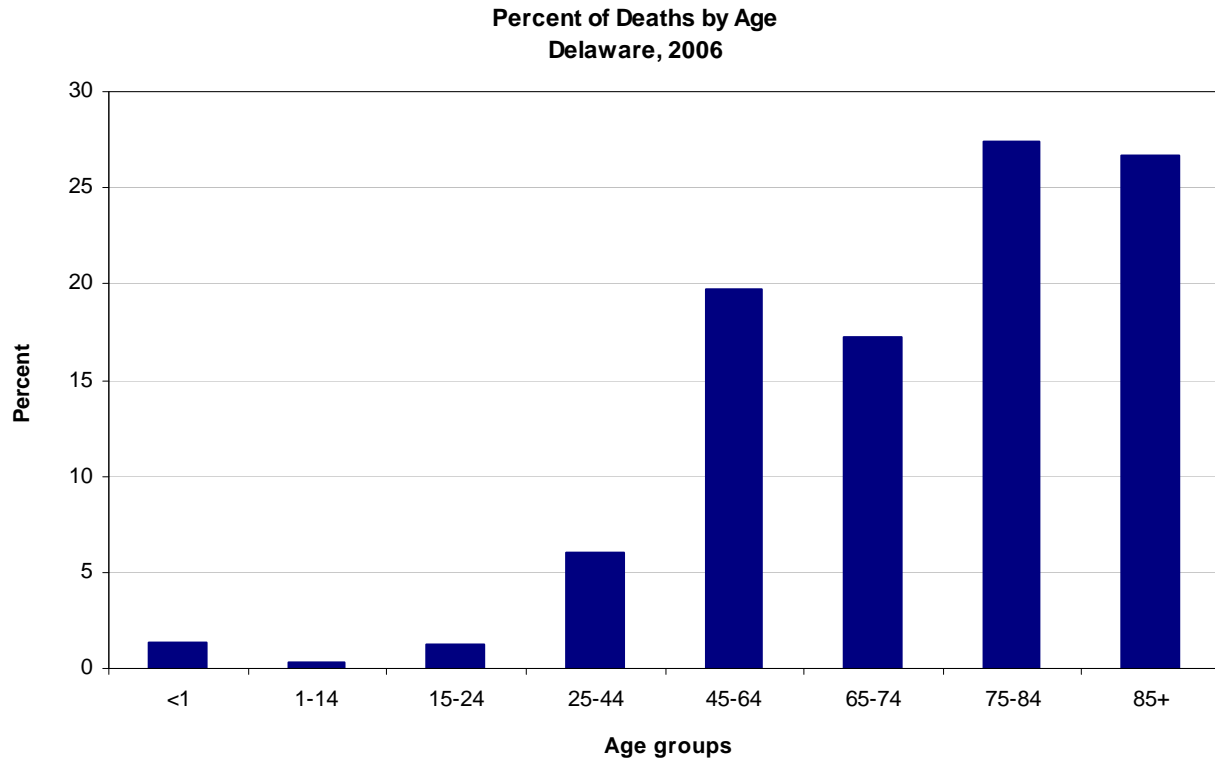
# Mortality

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## MORTALITY

Fewer Delaware residents died in 2006 than in 2005. A total of 7,144 residents died, 99 of which were children under the age of 1. Deaths were split equally between males and females. Heart disease and cancer continued to be the leading and second leading causes of death, accounting for 51 percent of all deaths in 2006.

- Just over one quarter of the Delawareans who died in 2006 were 85 or older. Deaths to those 75 and older accounted for more than half of all deaths.



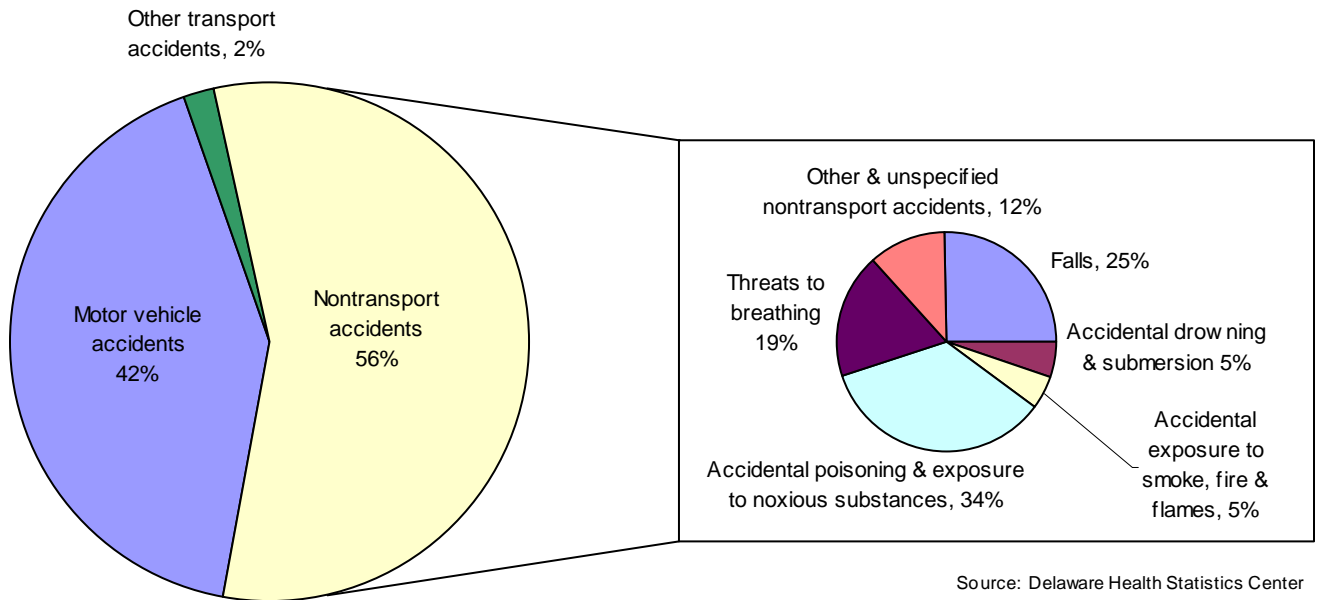
Source: Delaware Health Statistics Center

- A Delaware resident born in 2006 could expect to live an average of 78.4 years.
- Life expectancy at birth varied by race and sex; white females had the highest life expectancy (81.7) while black males had the lowest (71.4).
- In 1989, 80 percent of Delaware decedents were buried and 15 percent were cremated, by 2006 those proportions had changed to 66 (burial) and 33 (cremation).
- In 2006, the ten leading causes of death for residents of all ages were almost identical to the top 10 in 2005, with the main difference being movement among the rankings.

Rank	Leading Cause of Death	Number
1	Diseases of heart	1846
2	Malignant neoplasms	1767
3	Cerebrovascular diseases	383
4	Chronic lower respiratory diseases	344
5	Accidents (unintentional injuries)	322
6	Diabetes mellitus	190
7	Alzheimer's disease	189
8	Nephritis, nephrotic syndrome & nephrosis	152
9	Influenza & pneumonia	137
10	Septicemia	116

- There were 322 deaths due to accidents in 2006; 42 percent of which were due to motor vehicle accidents and 56 percent of which were due to non-transport accidents. More than one-third of the 181 non-transport accidents were caused by unintentional poisonings, which were second only to motor vehicle injuries as the leading cause of unintentional injury deaths.

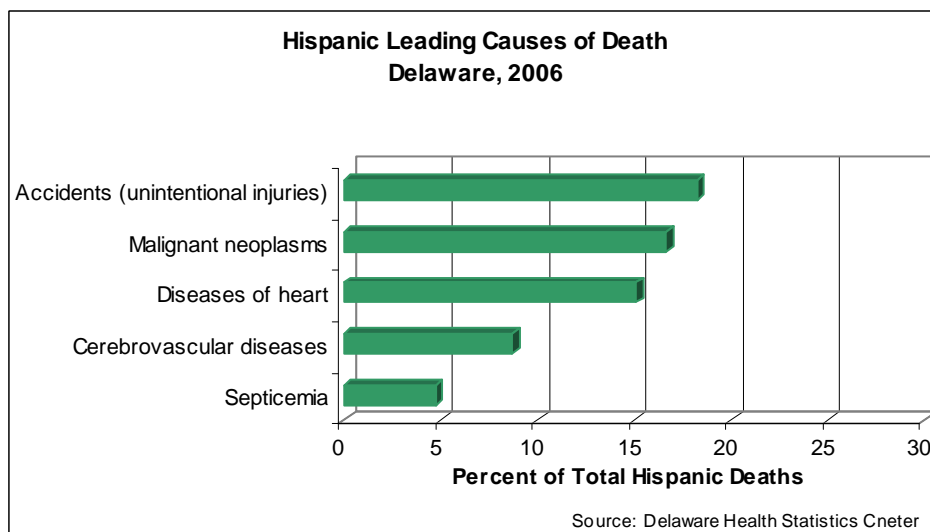
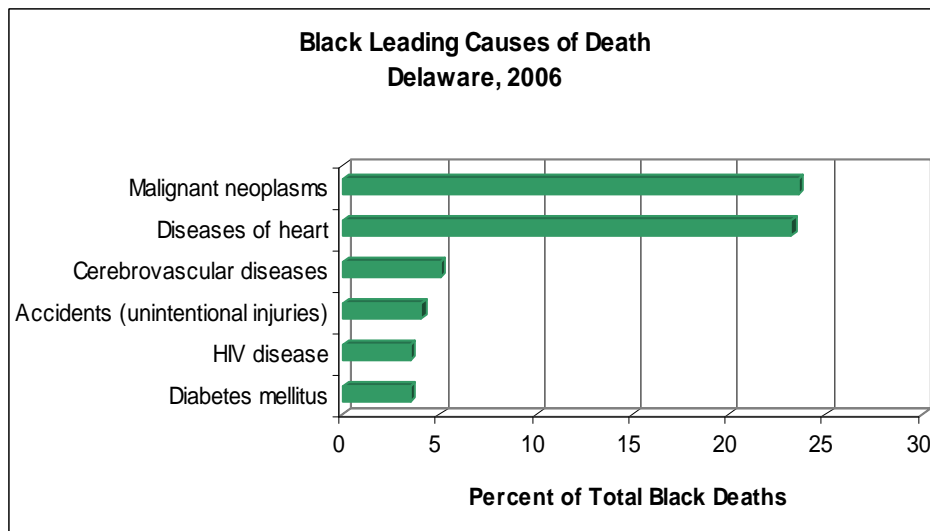
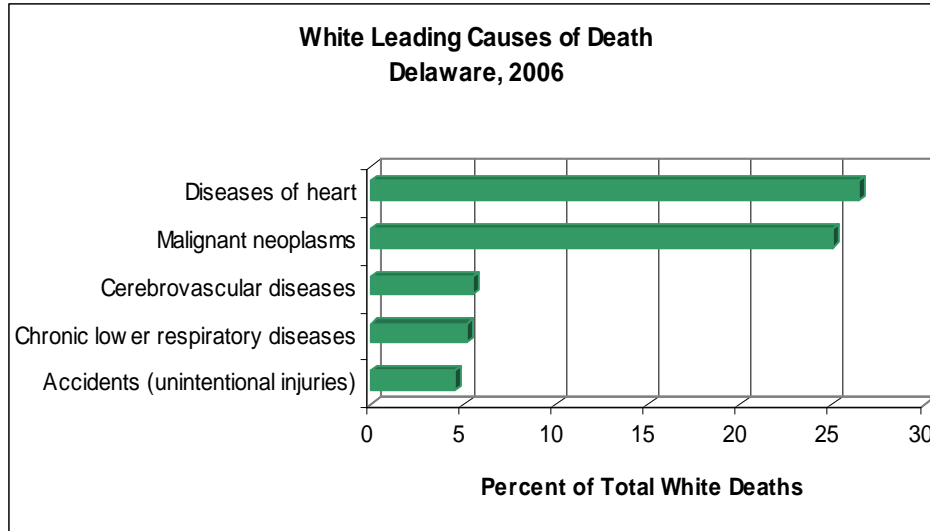
**Accidental Causes of Death by Specific Cause of Injury  
Delaware, 2006**



- From 2002-2006, accidents were the number one cause of death for people 1-44 years of age, and were responsible for nearly half of all deaths for people 15-24 years of age. For those ages 15-24, accidents, homicides, and suicides were the three most frequent causes of death (See Table F-11).

## MORTALITY

The leading causes of death varied by race and ethnic group. The top five leading causes of death for white, black, and Hispanic Delawareans are shown below.

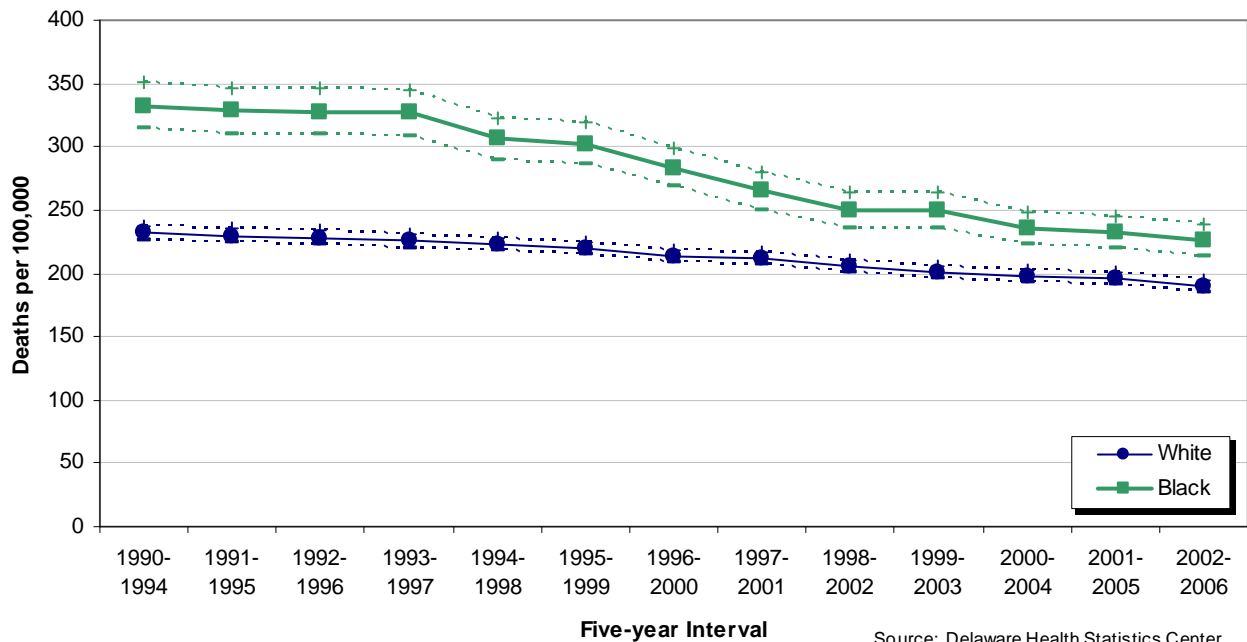


## MORTALITY

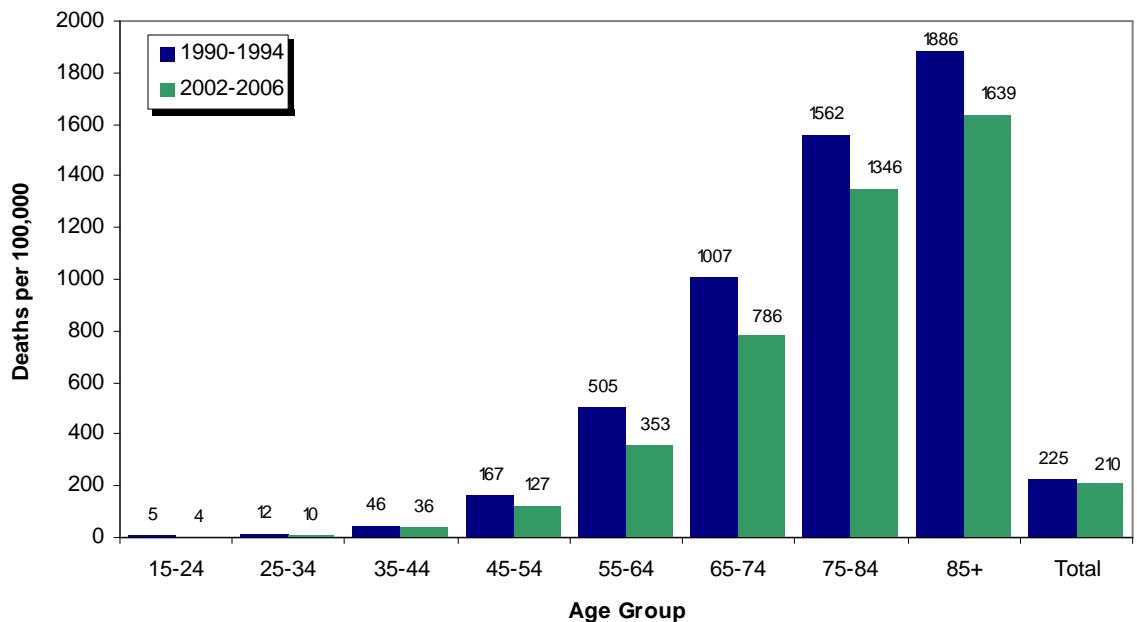
Cancer mortality rates have been decreasing in all three counties since the early 1990s. In 2002-2006, the 5-year age-adjusted cancer mortality rates ranged from 190.5 in Sussex county to 206.7 deaths per 100,000 population in Kent county.

Cancer mortality rates for black and white decedents have been decreasing since the early nineties, and while the gap between black and white has been narrowing, black cancer mortality rates in 2002-2006 remained significantly higher than the white rates.

**Five-year Age-Adjusted Cancer Mortality Rates by Race  
Delaware, 1990-2006**



**Five-year Average Age-Specific Cancer Mortality Rates  
Delaware, 1990-1994 and 2002-2006**



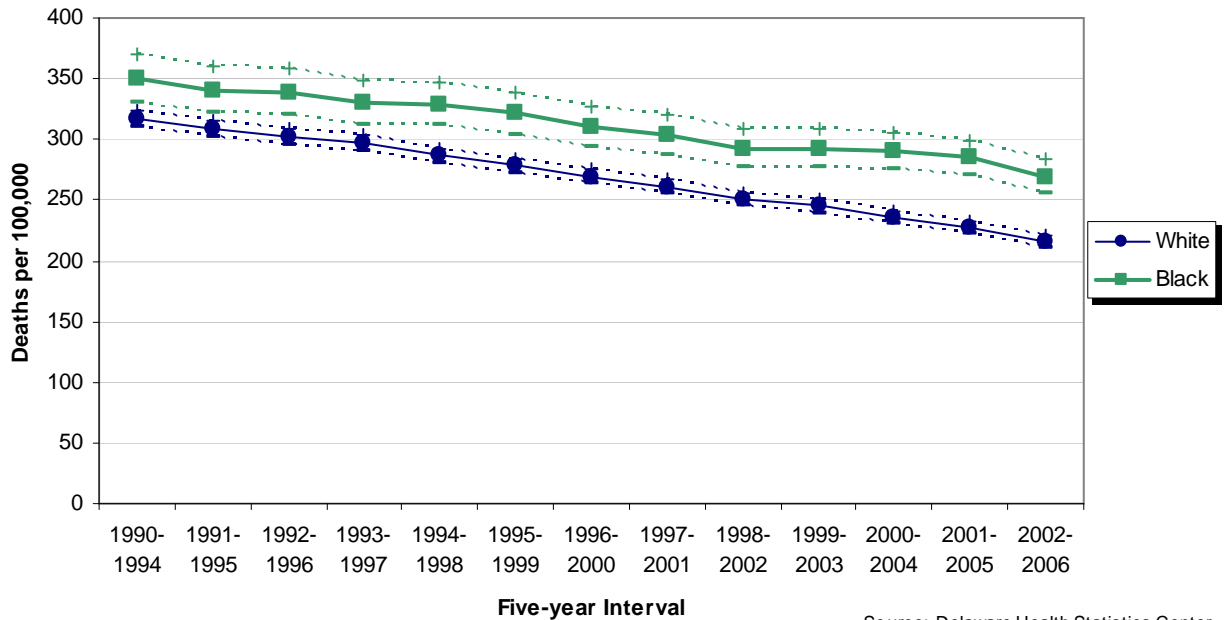
The same decreases seen in the age-adjusted mortality rates of both blacks and whites were reflected in the age-specific rates as well.

Cancer mortality rates for all age groups 15 and higher declined between 1990-1994 and 2002-2006. The 55-64 age group experienced the largest decrease.

## MORTALITY

Heart disease remained the most common cause of death for both black and white Delawareans in 2002-2006. Both black and white heart disease mortality rates have declined significantly since 1990-1994, though black rates continued to be higher than white rates.

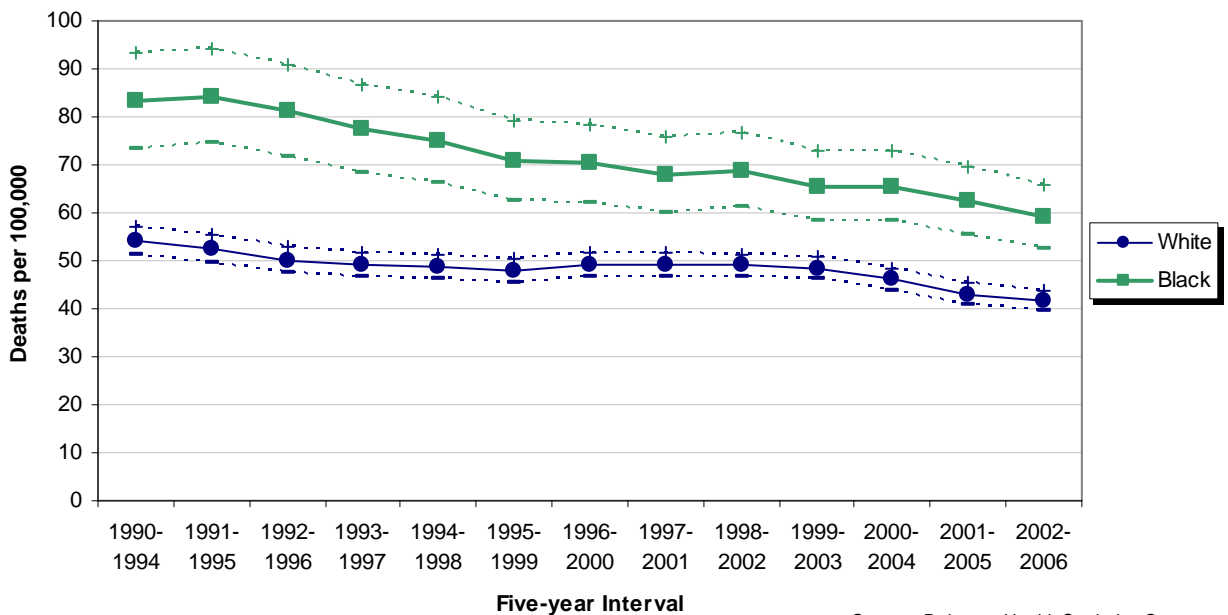
**Five-year Age-Adjusted Heart Disease Mortality Rates by Race  
Delaware, 1990-2006**



Source: Delaware Health Statistics Center

Like heart disease, stroke mortality rates for both races continued their downward trends, and the black rates remained significantly higher than white rates.

**Five-year Age-Adjusted Stroke Mortality Rates by Race  
Delaware, 1990-2006**

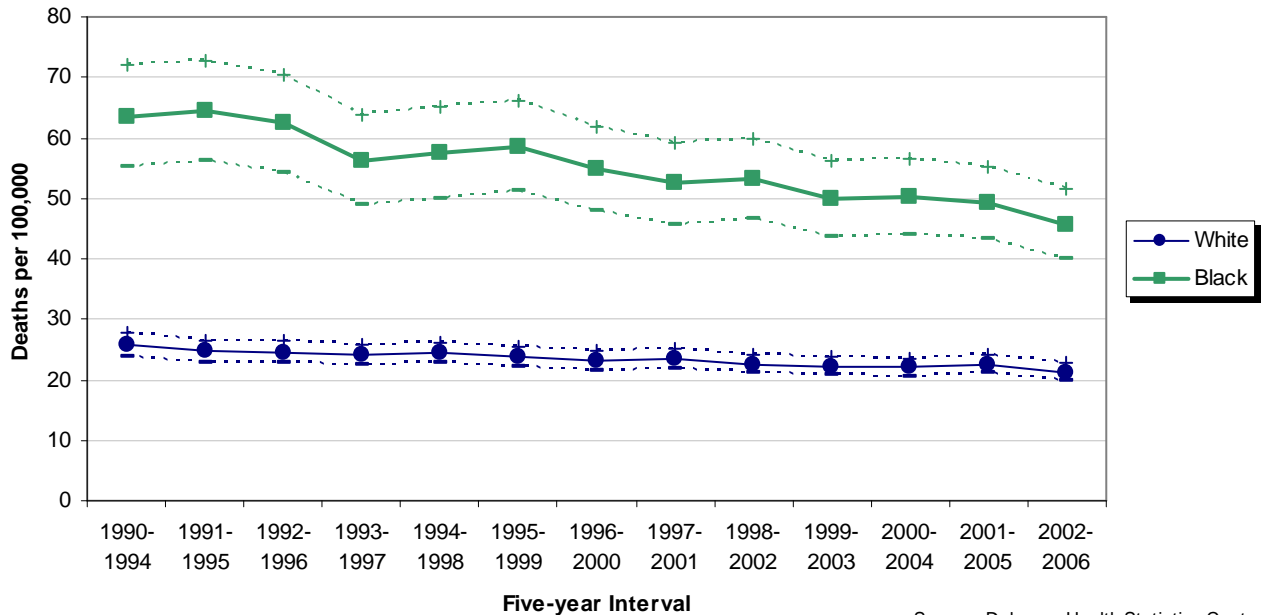


Source: Delaware Health Statistics Center

## MORTALITY

Though black mortality rates for Diabetes have been declining since 1990-1994, they remained more than twice that of whites.

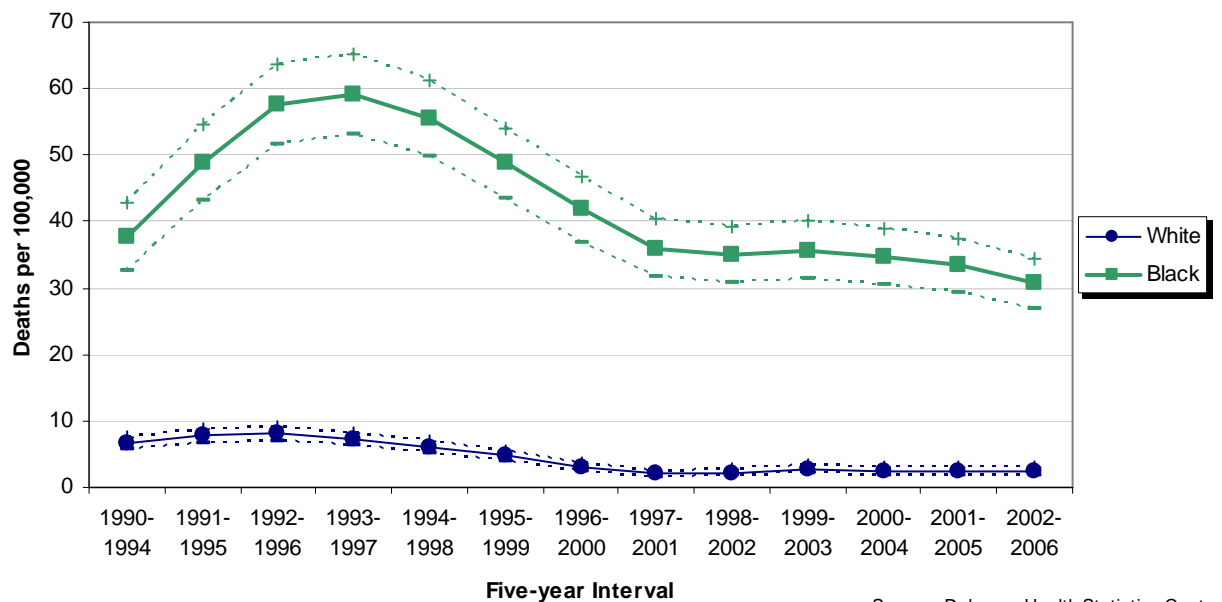
**Five-year Age-Adjusted Diabetes Mortality Rates by Race  
Delaware, 1990-2006**



Source: 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 2002-2006 mortality rate of 30.7 deaths per 100,000 was 17 times that of whites. Though they made up only 21 percent of the total Delaware population in 2002-2006, blacks accounted for 77 percent of all deaths due to HIV/AIDS.

**Five-year Age-Adjusted HIV/AIDS Mortality Rates by Race  
Delaware, 1990-2006**



Source: Delaware Health Statistics Center

In 2002-2006, HIV was the fifth leading cause of death for black Delawareans; it ranked third for black males and fifth for black females.

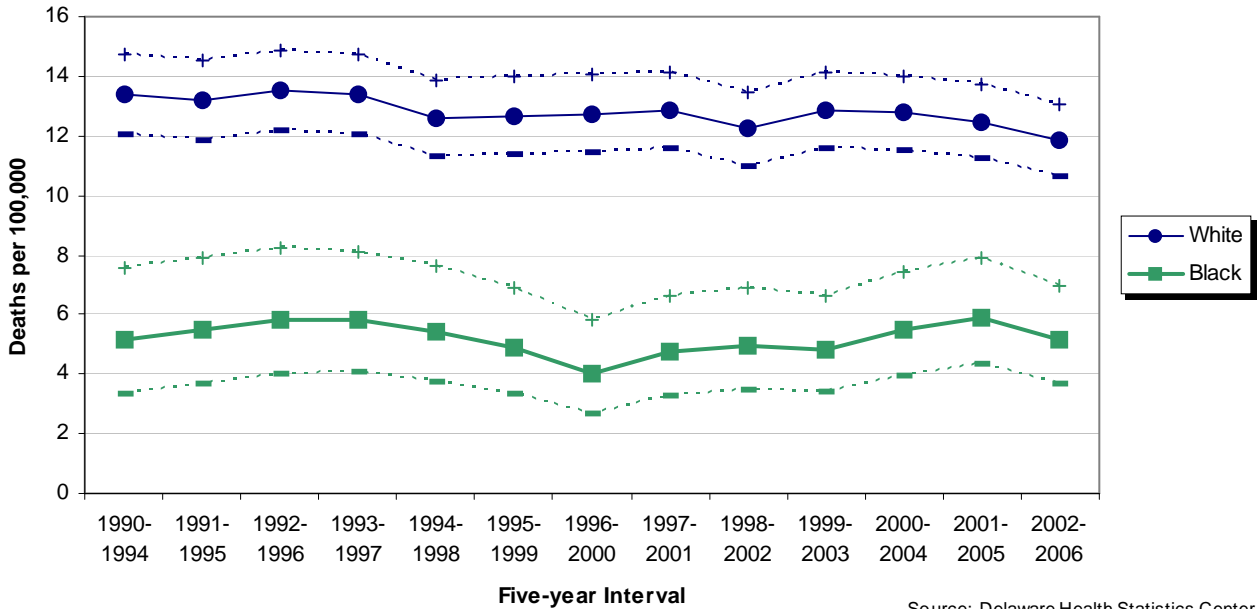
For black males ages 25-44, it was the second most common cause of death, and for black females 25-44 it was the most common cause of death.



## MORTALITY

Suicide mortality trends for both black and white populations remained fairly stable from 1990-1994 to 2002-2006, with the white rate (11.8) more than double that of the black rate (5.1).

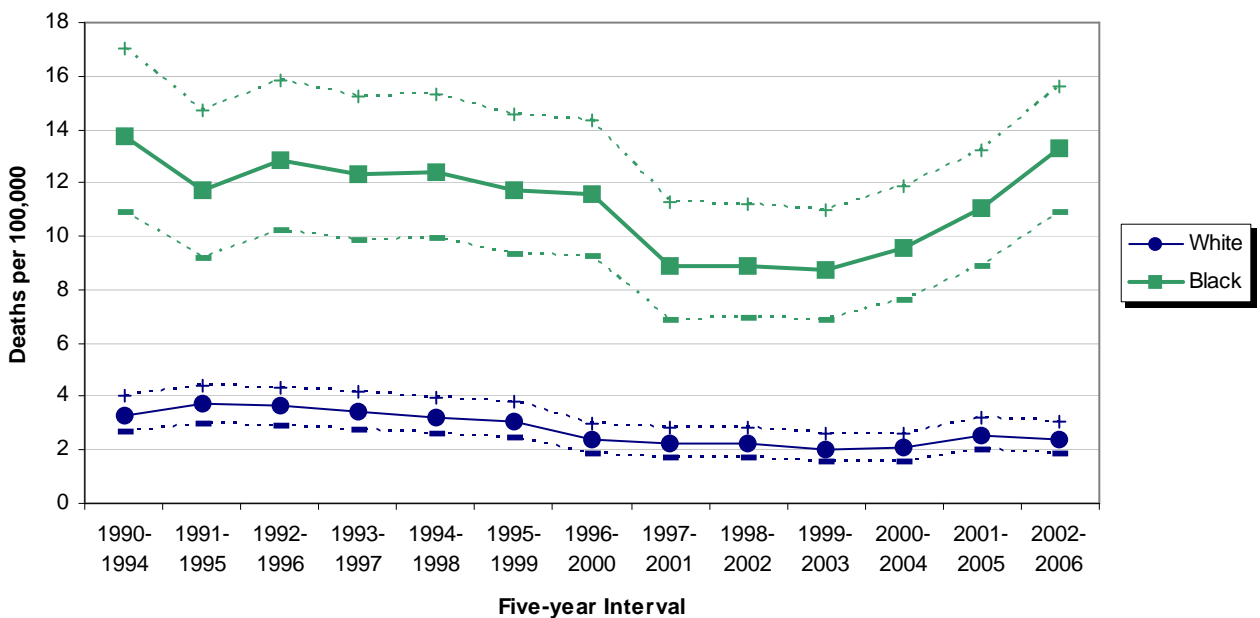
**Five-year Age-Adjusted Suicide Mortality Rates by Race  
Delaware, 1990-2006**



Source: Delaware Health Statistics Center

Throughout most of the 90s, both black and white homicide mortality rates demonstrated a declining trend. Recently, mortality rates for whites have remained fairly stable, while mortality rates for blacks have increased 52 percent from 1999-2003 to 2002-2006. The 2002-2006 homicide mortality rate for blacks (13.3) was 5.5 times that of whites (2.4).

**Five-year Age-Adjusted Homicide Mortality Rates by Race  
Delaware, 1990-2006**

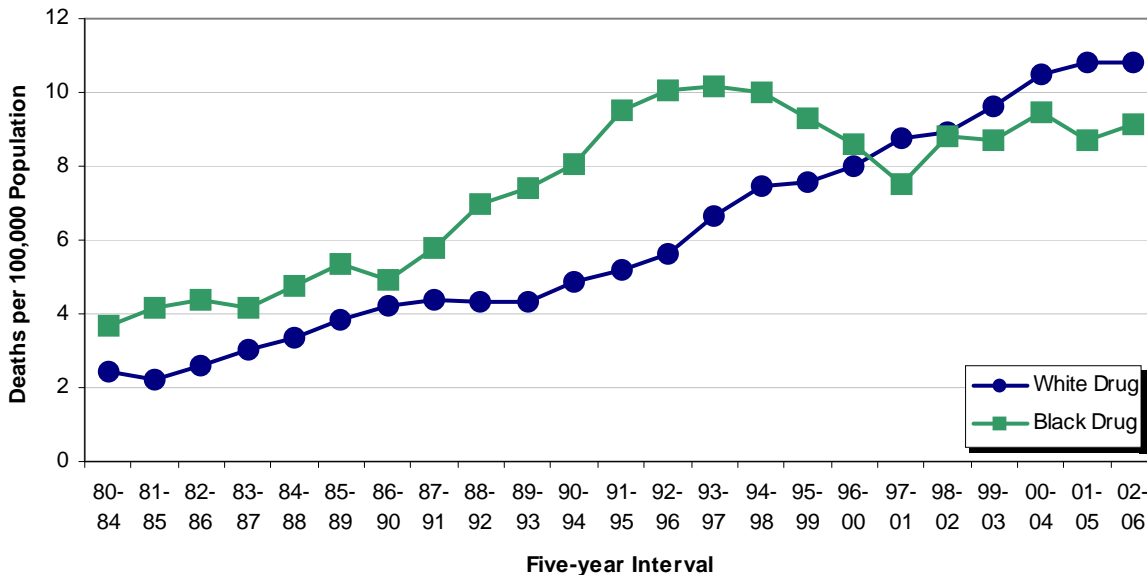


Source: Delaware Health Statistics Center

## 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 in 1997-2001. Since then, white mortality rates have remained slightly higher. Overall, black and white mortality rates for drug-induced deaths increased by 148 and 345 percent from 1980-1984 to 2002-2006.

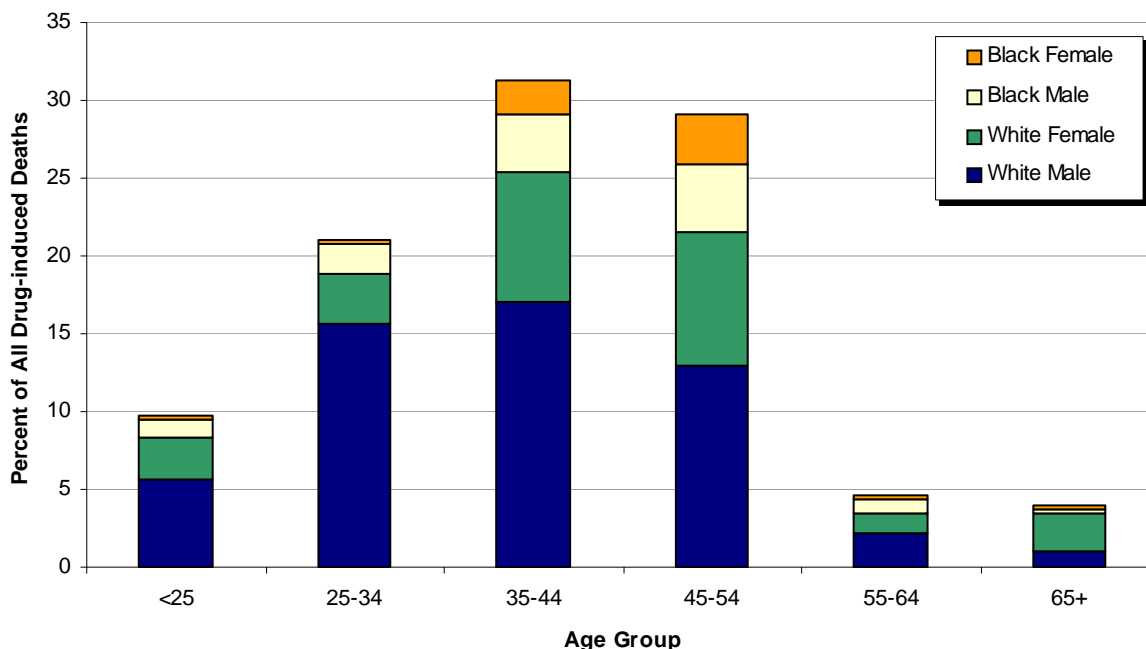
**Five-year Age-adjusted Mortality Rates for Drug-Induced Deaths by Race  
Delaware, 1980-2006**



Source: Delaware Health Statistics Center

Over half (55 percent) of all drug-induced deaths in 2002-2006 were white males. Of all the race-age groups, white males ages 35-44 were responsible for the single largest proportion (17 percent) of drug-induced deaths.

**Distribution of Drug-induced Deaths by Race, Sex, and Age Group  
Delaware 2002-2006**



Source: Delaware Health Statistics Center

TABLE F-1  
NUMBER OF DEATHS BY RACE  
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1993-2006

Area/ Race	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>U.S.</b>														
All Races	2268553	2278994	2312132	2314690	2314245	2337256	2391399	2403351	2416425	2443387	2448288	2397615	2448017	2425900
White	1951437	1959875	1987437	1992966	1996393	2015984	2061348	2071287	2079691	2102589	2103714	2056643	2098097	2077384
Black	282151	282379	286401	282089	276520	278440	285064	285826	287709	290051	291300	287315	292808	289692
Other	34965	36740	38294	39635	41332	42832	44987	46238	49025	50747	53274	53657	57112	58824
<b>Delaware</b>														
All Races	6152	6337	6281	6506	6510	6577	6669	6872	7114	6860	7067	7124	7422	7144
White	5057	5259	5124	5295	5449	5453	5555	5696	5886	5694	5782	5862	6127	5856
Black	1067	1038	1108	1166	1014	1086	1072	1131	1180	1111	1241	1204	1235	1225
Other	28	40	49	45	47	38	42	45	48	55	44	58	60	63
<b>Kent</b>														
All Races	931	941	966	1003	998	1015	1102	1022	1102	1113	1114	1154	1250	1219
White	751	778	790	813	837	835	924	822	900	916	878	948	1017	967
Black	173	152	169	183	147	173	167	184	194	187	224	193	224	234
Other	7	11	7	7	14	7	11	16	8	10	12	13	9	18
<b>New Castle</b>														
All Races	3801	3910	3796	3967	3951	4030	3931	4111	4234	3996	4129	4146	4227	4039
White	3102	3196	3030	3201	3250	3281	3217	3350	3435	3244	3299	3324	3379	3212
Black	689	696	744	749	677	731	692	741	774	718	809	793	809	794
Other	10	18	22	17	24	18	22	20	25	34	21	29	39	33
<b>Wilmington</b>														
All Races	940	955	944	890	864	850	789	826	850	779	843	782	763	728
White	497	511	448	436	479	423	395	430	421	392	413	358	360	337
Black	442	443	492	453	383	425	392	394	425	380	430	419	401	385
Other	1	1	4	1	2	2	2	2	4	7	0	5	2	6
<b>Balance of NC County</b>														
All Races	2861	2955	2852	3077	3087	3180	3142	3285	3384	3217	3286	3364	3464	3311
White	2605	2685	2582	2765	2771	2858	2822	2920	3014	2852	2886	2966	3019	2875
Black	247	253	252	296	294	306	300	347	349	338	379	374	408	409
Other	9	17	18	16	22	16	20	18	21	27	21	24	37	27
<b>Sussex</b>														
All Races	1420	1486	1519	1536	1561	1532	1636	1739	1778	1751	1824	1824	1945	1886
White	1204	1285	1304	1281	1362	1337	1414	1524	1551	1534	1605	1590	1731	1677
Black	205	190	195	234	190	182	213	206	212	206	208	218	202	197
Other	11	11	20	21	9	13	9	9	15	11	11	16	12	12

NDRACE

Note: 2006 US data are preliminary numbers from NCHS.

Sources:  
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, 2006

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>	7144	5856	1225	21	3	0	3	30	6	126
<1	99	50	44	0	0	0	0	3	2	12
1-4	9	4	5	0	0	0	0	0	0	2
5-14	11	9	2	0	0	0	0	0	0	1
15-24	92	60	31	0	0	0	0	1	0	12
25-34	124	85	38	0	0	0	0	1	0	13
35-44	303	214	87	1	0	0	0	1	0	11
45-54	562	378	177	1	1	0	0	5	0	17
55-64	848	648	189	4	0	0	1	5	1	19
65-74	1232	979	237	7	1	0	2	5	1	16
75+	3863	3428	415	8	1	0	0	9	2	23
Unknown	1	1	0	0	0	0	0	0	0	0
<b>Kent</b>	1219	967	234	11	0	0	2	3	2	21
<1	13	7	5	0	0	0	0	0	1	0
1-4	1	1	0	0	0	0	0	0	0	0
5-14	3	3	0	0	0	0	0	0	0	0
15-24	17	12	5	0	0	0	0	0	0	1
25-34	30	21	9	0	0	0	0	0	0	3
35-44	60	44	15	1	0	0	0	0	0	3
45-54	103	73	29	1	0	0	0	0	0	3
55-64	145	103	39	1	0	0	1	1	0	3
65-74	240	182	51	5	0	0	1	0	1	5
75+	607	521	81	3	0	0	0	2	0	3
Unknown	0	0	0	0	0	0	0	0	0	0
<b>New Castle</b>	4039	3212	794	5	2	0	0	24	2	82
<1	68	31	35	0	0	0	0	2	0	9
1-4	5	3	2	0	0	0	0	0	0	1
5-14	8	6	2	0	0	0	0	0	0	1
15-24	53	29	23	0	0	0	0	1	0	6
25-34	79	52	26	0	0	0	0	1	0	7
35-44	173	111	61	0	0	0	0	1	0	5
45-54	343	214	124	0	0	0	0	5	0	14
55-64	473	341	126	1	0	0	0	4	1	15
65-74	617	458	153	1	1	0	0	4	0	8
75+	2220	1967	242	3	1	0	0	6	1	16
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Wilmington</b>	728	337	385	4	0	0	0	2	0	22
<1	16	2	14	0	0	0	0	0	0	1
1-4	1	0	1	0	0	0	0	0	0	0
5-14	2	0	2	0	0	0	0	0	0	0
15-24	12	2	10	0	0	0	0	0	0	0
25-34	20	6	14	0	0	0	0	0	0	3
35-44	35	9	26	0	0	0	0	0	0	2
45-54	89	23	65	0	0	0	0	1	0	6
55-64	101	36	65	0	0	0	0	0	0	6
65-74	118	41	75	1	0	0	0	1	0	1
75+	334	218	113	3	0	0	0	0	0	3
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Balance of NC County</b>	3311	2875	409	1	2	0	0	22	2	60
<1	52	29	21	0	0	0	0	2	0	8
1-4	4	3	1	0	0	0	0	0	0	1
5-14	6	6	0	0	0	0	0	0	0	1
15-24	41	27	13	0	0	0	0	1	0	6
25-34	59	46	12	0	0	0	0	1	0	4
35-44	138	102	35	0	0	0	0	1	0	3
45-54	254	191	59	0	0	0	0	4	0	8
55-64	372	305	61	1	0	0	0	4	1	9
65-74	499	417	78	0	1	0	0	3	0	7
75+	1886	1749	129	0	1	0	0	6	1	13
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Sussex</b>	1886	1677	197	5	1	0	1	3	2	23
<1	18	12	4	0	0	0	0	1	1	3
1-4	3	0	3	0	0	0	0	0	0	1
5-14	0	0	0	0	0	0	0	0	0	0
15-24	22	19	3	0	0	0	0	0	0	5
25-34	15	12	3	0	0	0	0	0	0	3
35-44	70	59	11	0	0	0	0	0	0	3
45-54	116	91	24	0	1	0	0	0	0	0
55-64	230	204	24	2	0	0	0	0	0	1
65-74	375	339	33	1	0	0	1	1	0	3
75+	1036	940	92	2	0	0	0	1	1	4
Unknown	1	1	0	0	0	0	0	0	0	0

DETRACE

**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 Statistics Center

TABLE F-3  
 NUMBER OF DEATHS BY AGE AND RACE  
 DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006  
 (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>	7144	99	9	6	5	42	50	124	303	562	848	1232	3863	1
All Races	5856	50	4	6	3	28	32	85	214	378	648	979	3428	1
White	1225	44	5	0	2	13	18	38	87	177	189	237	415	0
Black	63	5	0	0	0	1	0	1	2	7	11	16	20	0
Other	1219	13	1	3	0	8	9	30	60	103	145	240	607	0
<b>Kent</b>	967	7	1	3	0	5	7	21	44	73	103	182	521	0
All Races	234	5	0	0	0	3	2	9	15	29	39	51	81	0
White	18	1	0	0	0	0	0	0	1	1	3	7	5	0
Black	4039	68	5	3	5	21	32	79	173	343	473	617	2220	0
Other	3212	31	3	3	3	12	17	52	111	214	341	458	1967	0
<b>New Castle</b>	794	35	2	0	2	8	15	26	61	124	126	153	242	0
All Races	33	2	0	0	0	1	0	1	1	5	6	6	11	0
White	728	16	1	0	2	5	7	20	35	89	101	118	334	0
Black	337	2	0	0	0	1	1	6	9	23	36	41	218	0
Other	385	14	1	0	2	4	6	14	26	65	65	75	113	0
Balance of NC County	6	0	0	0	0	0	0	0	0	1	0	2	3	0
<b>Sussex</b>	3311	52	4	3	3	16	25	59	138	254	372	499	1886	0
All Races	2875	29	3	3	3	11	16	46	102	191	305	417	1749	0
White	409	21	1	0	0	4	9	12	35	59	61	78	129	0
Black	27	2	0	0	0	1	0	1	1	4	6	4	8	0
Other	1886	18	3	0	0	13	9	15	70	116	230	375	1036	1
<b>Wilmington</b>	1677	12	0	0	0	11	8	12	59	91	204	339	940	1
All Races	197	4	3	0	0	2	1	3	11	24	24	33	92	0
White	12	2	0	0	0	0	0	0	0	1	2	3	4	0
Black	12	2	0	0	0	0	0	0	0	1	2	3	4	0
Other	1886	18	3	0	0	13	9	15	70	116	230	375	1036	1

NDAGERAC

Source:  
 Delaware Health Statistics Center

TABLE F-4  
 NUMBER OF DEATHS BY AGE AND RACE  
 DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006  
 (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	3554	53	5	5	3	28	39	83	194	325	500	705	1613	1		
White	2892	28	3	5	2	16	27	57	141	226	391	561	1434	1		
Black	634	21	2	0	1	11	12	25	51	97	105	136	173	0		
Other	28	4	0	0	0	1	0	1	2	2	4	8	6	0		
<b>Kent</b>																
All Races	614	3	1	3	0	6	7	22	45	47	85	140	255	0		
White	485	2	1	3	0	3	6	15	32	33	59	105	226	0		
Black	121	0	0	0	0	3	1	7	12	13	25	32	28	0		
Other	8	1	0	0	0	0	0	0	1	1	1	3	1	0		
<b>New Castle</b>																
All Races	1981	39	3	2	3	16	24	52	110	202	278	334	918	0		
White	1550	18	2	2	2	7	13	34	75	132	209	243	813	0		
Black	416	19	1	0	1	8	11	17	34	69	67	88	101	0		
Other	15	2	0	0	0	1	0	1	1	1	2	3	4	0		
<b>Wilmington</b>																
All Races	354	8	0	0	1	5	6	14	21	51	53	63	132	0		
White	160	2	0	0	0	1	1	5	4	16	21	22	88	0		
Black	191	6	0	0	1	4	5	9	17	35	32	39	43	0		
Other	3	0	0	0	0	0	0	0	0	0	0	2	1	0		
<b>Balance of NC County</b>																
All Races	1627	31	3	2	2	11	18	38	89	151	225	271	786	0		
White	1390	16	2	2	2	6	12	29	71	116	188	221	725	0		
Black	225	13	1	0	0	4	6	8	17	34	35	49	58	0		
Other	12	2	0	0	0	1	0	1	1	1	2	1	3	0		
<b>Sussex</b>																
All Races	959	11	1	0	0	6	8	9	39	76	137	231	440	1		
White	857	8	0	0	0	6	8	8	34	61	123	213	395	1		
Black	97	2	1	0	0	0	0	1	5	15	13	16	44	0		
Other	5	1	0	0	0	0	0	0	0	0	1	2	1	0		

NDRCAGMIL

Source:  
 Delaware Health Statistics Center

TABLE F-5  
NUMBER OF DEATHS BY AGE AND RACE  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006  
(FEMALES)

Area/ Race	Age of Decedent												Unk			
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74		75+		
<b>Delaware</b>																
All Races	3590	46	4	1	2	14	11	41	109	237	348	527	2250	0		
White	2964	22	1	1	1	12	5	28	73	152	257	418	1994	0		
Black	591	23	3	0	1	2	6	13	36	80	84	101	242	0		
Other	35	1	0	0	0	0	0	0	0	5	7	8	14	0		
<b>Kent</b>																
All Races	605	10	0	0	0	2	2	8	15	56	60	100	352	0		
White	482	5	0	0	0	1	1	6	12	40	44	77	295	0		
Black	113	5	0	0	0	1	2	2	3	16	14	19	53	0		
Other	10	0	0	0	0	0	0	0	0	0	2	4	4	0		
<b>New Castle</b>																
All Races	2058	29	2	1	2	5	8	27	63	141	195	283	1302	0		
White	1662	13	1	1	1	5	4	18	36	82	132	215	1154	0		
Black	378	16	1	0	1	0	4	9	27	55	59	65	141	0		
Other	18	0	0	0	0	0	0	0	0	4	4	3	7	0		
<b>Wilmington</b>																
All Races	374	8	1	0	1	0	1	6	14	38	48	55	202	0		
White	177	0	0	0	0	0	0	1	5	7	15	19	130	0		
Black	194	8	1	0	1	0	1	5	9	30	33	36	70	0		
Other	3	0	0	0	0	0	0	0	0	1	0	0	2	0		
<b>Balance of NC County</b>																
All Races	1684	21	1	1	1	5	7	21	49	103	147	228	1100	0		
White	1485	13	1	1	1	5	4	17	31	75	117	196	1024	0		
Black	184	8	0	0	0	0	3	4	18	25	26	29	71	0		
Other	15	0	0	0	0	0	0	0	0	3	4	3	5	0		
<b>Sussex</b>																
All Races	927	7	2	0	0	7	1	6	31	40	93	144	596	0		
White	820	4	0	0	0	5	0	4	25	30	81	126	545	0		
Black	100	2	2	0	0	2	1	2	6	9	11	17	48	0		
Other	7	1	0	0	0	0	0	0	0	1	1	1	3	0		

NDRCAGFE

Source:  
Delaware Health Statistics Center

TABLE F-6  
MORTALITY TRENDS BY RACE, ETHNICITY, GENDER, AND AGE  
DELAWARE, 1996-2006

CHARACTERISTIC	Year										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Resident Deaths</b>											
Number	6506	6510	6577	6669	6872	7114	6860	7067	7124	7422	7144
Crude Rate	878.0	866.3	861.6	860.5	873.8	894.4	851.4	864.1	858.2	881.7	837.1
AADR*	936.8	914.3	899.9	886.2	881.5	890.8	835.5	831.9	810.6	814.3	759.6
<b>Decedent's Race/Ethnicity</b>											
<b>White</b>											
Number	5295	5449	5453	5555	5696	5886	5694	5782	5862	6127	5856
Percent	81.4%	83.7%	82.9%	83.3%	82.9%	82.7%	83.0%	81.8%	82.3%	82.6%	82.0%
AADR*	884.1	887.3	866.9	859.9	847.9	856.0	807.5	793.0	780.7	787.4	732.7
<b>Black</b>											
Number	1166	1014	1086	1072	1131	1180	1111	1241	1204	1235	1225
Percent	17.9%	15.6%	16.5%	16.1%	16.5%	16.6%	16.2%	17.6%	16.9%	16.6%	17.1%
AADR*	1300.9	1102.0	1145.2	1078.5	1089.7	1088.3	998.7	1070.9	1014.0	986.1	915.3
<b>Hispanic<sup>1</sup></b>											
Number	57	72	72	93	101	90	95	105	121	119	126
Percent	0.9%	1.1%	1.1%	1.4%	1.5%	1.3%	1.4%	1.5%	1.7%	1.6%	1.8%
AADR*	462.4	622.2	612.4	683.9	759.2	613.7	618.8	593.1	682.4	571.9	479.5
<b>Decedent's Gender</b>											
<b>Female</b>											
Number	3220	3292	3284	3326	3503	3663	3486	3559	3517	3744	3590
Percent	49.5%	50.6%	49.9%	49.9%	51.0%	51.5%	50.8%	50.4%	49.4%	50.4%	50.3%
AADR*	772.7	770.7	748.7	736.4	749.5	769.7	710.8	702.2	675.6	689.8	643.6
<b>Male</b>											
Number	3286	3218	3293	3343	3369	3451	3374	3508	3607	3678	3554
Percent	50.5%	49.4%	50.1%	50.1%	49.0%	48.5%	49.2%	49.6%	50.6%	49.6%	49.7%
AADR*	1177.0	1112.3	1115.3	1095.6	1055.0	1055.4	1000.0	994.4	994.1	974.0	903.9
<b>Decedent's age</b>											
<b>&lt;1</b>											
Number	77	81	103	81	102	114	96	107	97	104	99
Percent	1.2%	1.2%	1.6%	1.2%	1.5%	1.6%	1.4%	1.5%	1.4%	1.4%	1.4%
<b>1-14</b>											
Number	27	35	32	31	41	31	39	22	44	26	20
Percent	0.4%	0.5%	0.5%	0.5%	0.6%	0.4%	0.6%	0.3%	0.6%	0.4%	0.3%
<b>15-24</b>											
Number	64	71	70	61	85	86	85	101	97	78	92
Percent	1.0%	1.1%	1.1%	0.9%	1.2%	1.2%	1.2%	1.4%	1.4%	1.1%	1.3%
<b>25-44</b>											
Number	504	430	399	408	426	427	403	389	387	375	427
Percent	7.7%	6.6%	6.1%	6.1%	6.2%	6.0%	5.9%	5.5%	5.4%	5.1%	6.0%
<b>45-64</b>											
Number	1162	1121	1125	1101	1168	1276	1214	1327	1338	1406	1410
Percent	17.9%	17.2%	17.1%	16.5%	17.0%	17.9%	17.7%	18.8%	18.8%	18.9%	19.7%
<b>65-74</b>											
Number	1476	1447	1363	1452	1332	1339	1276	1244	1310	1272	1232
Percent	22.7%	22.2%	20.7%	21.8%	19.4%	18.8%	18.6%	17.6%	18.4%	17.1%	17.2%
<b>75-84</b>											
Number	1745	1881	2018	1989	1991	2139	2061	2096	2039	2160	1960
Percent	26.8%	28.9%	30.7%	29.8%	29.0%	30.1%	30.0%	29.7%	28.6%	29.1%	27.4%
<b>85+</b>											
Number	1451	1444	1467	1546	1727	1702	1686	1781	1812	2001	1904
Percent	22.3%	22.2%	22.3%	23.2%	25.1%	23.9%	24.6%	25.2%	25.4%	27.0%	26.7%

NDRTREND

**Notes:**

- Hispanic population numbers used in rate calculations are based on U.S. Census estimates. Because of the small numbers of Hispanic deaths and the resulting variability in annual mortality rates, Hispanic mortality rates should be interpreted with caution.
- \*Age-Adjusted Death Rate per 100,000, adjusted to 2000 U.S. Standard Population.

**Sources:**

Delaware Health Statistics Center  
U.S. Census



TABLE F-7  
NUMBER OF DEATHS AND MEDIAN AGE AT DEATH BY SEX  
FOR TWENTY LEADING CAUSES, ALCOHOL-INDUCED DEATHS, AND DRUG-INDUCED DEATHS  
DELAWARE, 2006

Cause of Death <sup>1</sup>	Deaths		Median Age at Death	
	Number	Percent	Male	Female
All causes	7,144	100.0	73	80
Diseases of heart	1,846	25.8	76	84
Malignant neoplasms	1,767	24.7	72	71
Cerebrovascular diseases	383	5.4	77	84
Chronic lower respiratory diseases	344	4.8	78	79
Accidents (unintentional injuries)	322	4.5	44	58
Dementia	258	3.6	85	88
Diabetes mellitus	190	2.7	74	75
Alzheimer's disease	189	2.6	85	88
Nephritis, nephrotic syndrome & nephrosis	152	2.1	75	86
Influenza & pneumonia	137	1.9	80	83
Septicemia	116	1.6	70	79
Other diseases of respiratory system	92	1.3	78	81
Intentional self-harm (suicide)	88	1.2	44	46
Chronic liver disease & cirrhosis	73	1.0	58	69
Certain conditions originating in the perinatal period	56	0.8	0	0
Human immunodeficiency virus (HIV) disease	53	0.7	48	48
Other diseases of circulatory system	51	0.7	77	85
Pneumonitis due to solids & liquids	49	0.7	81	89
Assault (homicide)	48	0.7	26	37
Parkinson's disease	46	0.6	82	83
Alcohol-induced deaths <sup>2</sup>	57	0.8	58	49
Drug-induced deaths <sup>2</sup>	79	1.1	37	40

LCODARBS

**Notes:**

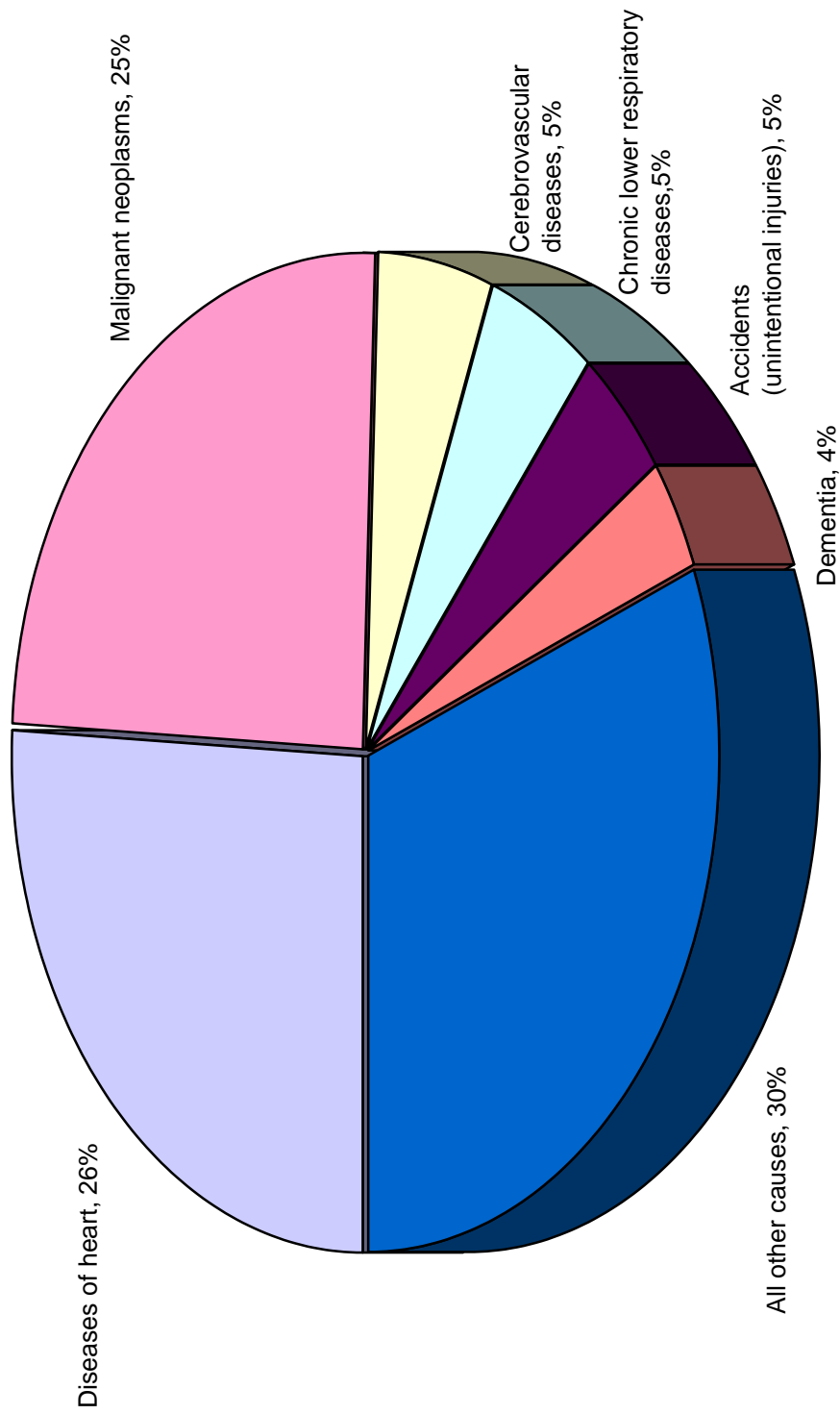
1. Classified according to ICD-10 Codes, Tenth Revision. See Appendix E for listing of ICD-10 Codes.
2. Included in selected categories.

**Source:**

Delaware Health Statistics Center

**Figure F-1  
Leading Causes of Death**

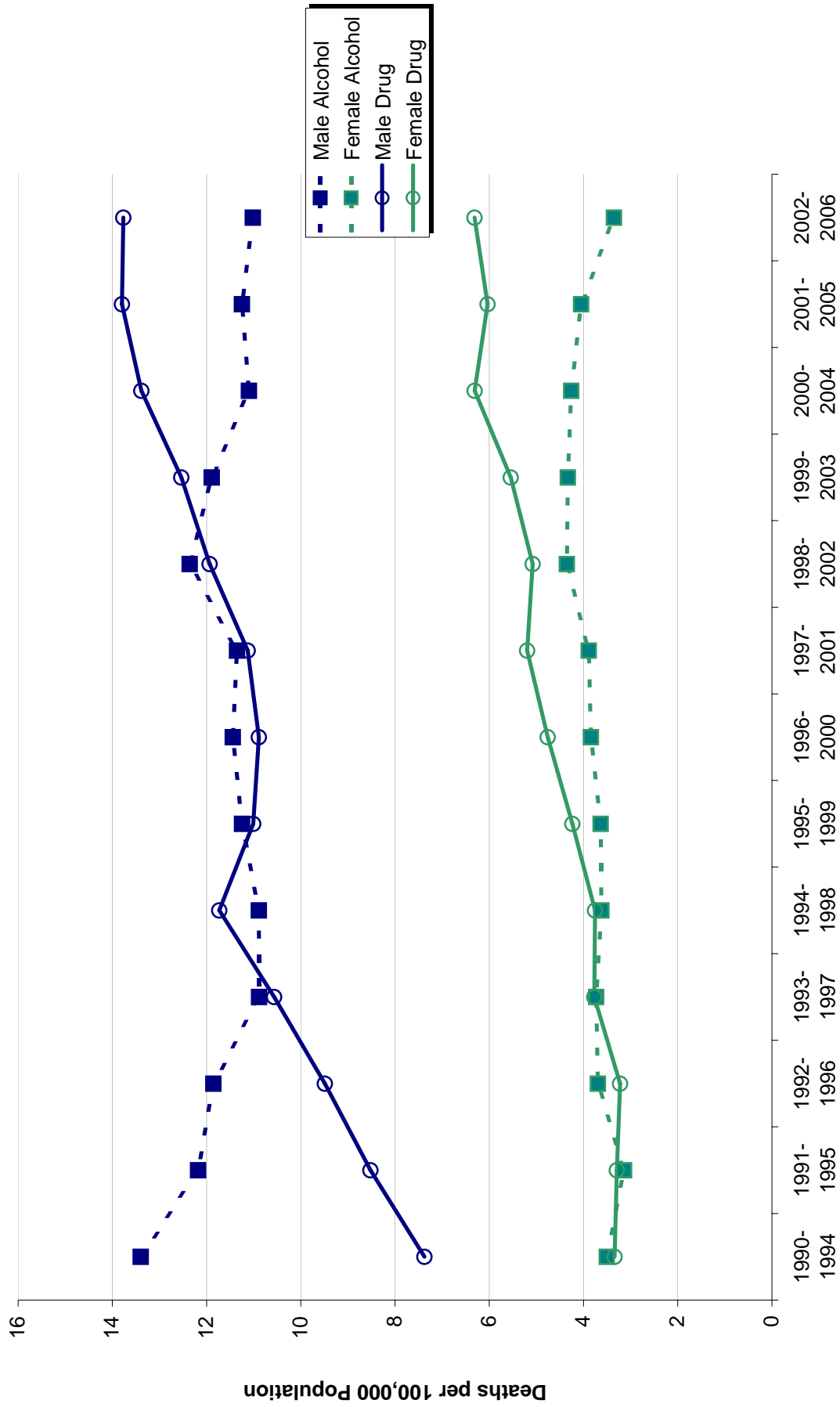
**Delaware, 2006**



Source: Delaware Health Statistics Center

**Figure F-2**  
**Five-year Age-adjusted Drug- and Alcohol-Induced Mortality Rates by Sex**

**Delaware, 1990-2006**



Five-year Interval

TABLE F-8  
LEADING CAUSES OF DEATH  
COUNTIES AND CITY OF WILMINGTON, 2002-2006

**Kent**

Cause of Death*	Deaths	
	#	%
Diseases of heart	1726	29.5
Malignant neoplasms	1391	23.8
Chronic lower respiratory diseases	324	5.5
Cerebrovascular diseases	306	5.2
Accidents (unintentional injuries)	276	4.7
Diabetes mellitus	202	3.5
Influenza & pneumonia	126	2.2
Septicemia	122	2.1
Nephritis, nephrotic syndrome & nephrosis	107	1.8
Alzheimer's disease	80	1.4
Intentional self-harm (suicide)	72	1.2
Aortic aneurysm and dissection	69	1.2
Chronic liver disease & cirrhosis	69	1.2
Essential hypertension & hypertensive renal disease	58	1.0
Certain conditions originating in the perinatal period	47	0.8
In situ, benign, & neoplasms of unk behavior	40	0.7
All other causes	835	14.3
<b>Total</b>	<b>5850</b>	<b>100</b>

**New Castle**

Cause of Death*	Deaths	
	#	%
Diseases of heart	5523	26.9
Malignant neoplasms	4929	24.0
Cerebrovascular diseases	1196	5.8
Chronic lower respiratory diseases	969	4.7
Accidents (unintentional injuries)	820	4.0
Diabetes mellitus	614	3.0
Alzheimer's disease	456	2.2
Nephritis, nephrotic syndrome & nephrosis	378	1.8
Septicemia	371	1.8
Influenza & pneumonia	359	1.7
Intentional self-harm (suicide)	262	1.3
Human immunodeficiency virus (HIV) disease	256	1.2
Chronic liver disease & cirrhosis	230	1.1
Aortic aneurysm and dissection	218	1.1
Certain conditions originating in the perinatal period	204	1.0
Pneumonitis due to solids & liquids	186	0.9
All other causes	3566	17.4
<b>Total</b>	<b>20537</b>	<b>100</b>

**City of Wilmington**

Cause of Death*	Deaths	
	#	%
Diseases of heart	1036	26.6
Malignant neoplasms	775	19.9
Cerebrovascular diseases	255	6.5
Chronic lower respiratory diseases	162	4.2
Accidents (unintentional injuries)	151	3.9
Human immunodeficiency virus (HIV) disease	148	3.8
Diabetes mellitus	128	3.3
Nephritis, nephrotic syndrome & nephrosis	83	2.1
Septicemia	78	2.0
Influenza & pneumonia	68	1.7
Assault (homicide)	63	1.6
Essential hypertension & hypertensive renal disease	53	1.4
Aortic aneurysm and dissection	49	1.3
Alzheimer's disease	48	1.2
Certain conditions originating in the perinatal period	46	1.2
Intentional self-harm (suicide)	43	1.1
All other causes	709	18.2
<b>Total</b>	<b>3895</b>	<b>100</b>

**Sussex**

Cause of Death*	Deaths	
	#	%
Diseases of heart	2569	27.8
Malignant neoplasms	2392	25.9
Chronic lower respiratory diseases	497	5.4
Cerebrovascular diseases	422	4.6
Accidents (unintentional injuries)	382	4.1
Diabetes mellitus	271	2.9
Alzheimer's disease	261	2.8
Influenza & pneumonia	249	2.7
Nephritis, nephrotic syndrome & nephrosis	167	1.8
Septicemia	136	1.5
Chronic liver disease & cirrhosis	108	1.2
Aortic aneurysm and dissection	102	1.1
Intentional self-harm (suicide)	98	1.1
Pneumonitis due to solids & liquids	91	1.0
Essential hypertension & hypertensive renal disease	64	0.7
Parkinson's disease	60	0.7
All other causes	1361	14.7
<b>Total</b>	<b>9230</b>	<b>100</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 Statistics Center

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TABLE F-9  
TEN LEADING CAUSES OF DEATH BY SEX AND RACE GROUP  
DELAWARE, 2002-2006

All Races, Male

Cause of Death*	Deaths	
	#	%
Diseases of heart	4862	27.4
Malignant neoplasms	4603	26.0
Accidents (unintentional injuries)	959	5.4
Chronic lower respiratory diseases	809	4.6
Cerebrovascular diseases	759	4.3
Diabetes mellitus	519	2.9
Influenza & pneumonia	347	2.0
Nephritis, nephrotic syndrome & nephrosis	347	2.0
Intentional self-harm (suicide)	346	2.0
Septicemia	280	1.6
All other causes	3890	22.0
<b>Total</b>	<b>17721</b>	<b>100</b>

All Races, Female

Cause of Death*	Deaths	
	#	%
Diseases of heart	4956	27.7
Malignant neoplasms	4109	23.0
Cerebrovascular diseases	1165	6.5
Chronic lower respiratory diseases	981	5.5
Diabetes mellitus	568	3.2
Alzheimer's disease	558	3.1
Accidents (unintentional injuries)	519	2.9
Influenza & pneumonia	387	2.2
Septicemia	349	2.0
Nephritis, nephrotic syndrome & nephrosis	305	1.7
All other causes	3999	22.3
<b>Total</b>	<b>17896</b>	<b>100</b>

White, Both Sexes

Cause of Death*	Deaths	
	#	%
Diseases of heart	8227	28.1
Malignant neoplasms	7283	24.8
Chronic lower respiratory diseases	1609	5.5
Cerebrovascular diseases	1589	5.4
Accidents (unintentional injuries)	1238	4.2
Diabetes mellitus	812	2.8
Alzheimer's disease	722	2.5
Influenza & pneumonia	640	2.2
Septicemia	494	1.7
Nephritis, nephrotic syndrome & nephrosis	494	1.7
All other causes	6213	21.2
<b>Total</b>	<b>29321</b>	<b>100</b>

Black, Both Sexes

Cause of Death*	Deaths	
	#	%
Diseases of heart	1522	25.3
Malignant neoplasms	1363	22.7
Cerebrovascular diseases	323	5.4
Diabetes mellitus	260	4.3
Human immunodeficiency virus (HIV) disease	250	4.2
Accidents (unintentional injuries)	223	3.7
Chronic lower respiratory diseases	171	2.8
Nephritis, nephrotic syndrome & nephrosis	153	2.5
Certain conditions originating in the perinatal period	149	2.5
Septicemia	128	2.1
All other causes	1474	24.5
<b>Total</b>	<b>6016</b>	<b>100</b>

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Hispanic, Both Sexes

Cause of Death*	Deaths	
	#	%
Accidents (unintentional injuries)	99	17.5
Malignant neoplasms	97	17.1
Diseases of heart	96	17.0
Certain conditions originating in the perinatal period	30	5.3
Cerebrovascular diseases	29	5.1
Assault (homicide)	14	2.5
Diabetes mellitus	12	2.1
Chronic lower respiratory diseases	12	2.1
Congenital malformations, deformations, & chromosomal abnormalities	12	2.1
Intentional self-harm (suicide)	12	2.1
All other causes	153	27.0
<b>Total</b>	<b>566</b>	<b>100</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 Statistics Center

TABLE F-10  
TEN LEADING CAUSES OF DEATH BY RACE-SEX GROUP  
DELAWARE, 2002-2006

**White Male**

Cause of Death*	Deaths	
	#	%
Diseases of heart	4071	28.1
Malignant neoplasms	3858	26.7
Accidents (unintentional injuries)	795	5.5
Chronic lower respiratory diseases	705	4.9
Cerebrovascular diseases	618	4.3
Diabetes mellitus	402	2.8
Intentional self-harm (suicide)	306	2.1
Influenza & pneumonia	295	2.0
Nephritis, nephrotic syndrome & nephrosis	264	1.8
Septicemia	228	1.6
All other causes	2921	20.2
<b>Total</b>	<b>14463</b>	<b>100</b>

**White Females**

Cause of Death*	Deaths	
	#	%
Diseases of heart	4156	28.0
Malignant neoplasms	3425	23.1
Cerebrovascular diseases	971	6.5
Chronic lower respiratory diseases	904	6.1
Alzheimer's disease	503	3.4
Accidents (unintentional injuries)	443	3.0
Diabetes mellitus	410	2.8
Influenza & pneumonia	345	2.3
Septicemia	266	1.8
Nephritis, nephrotic syndrome & nephrosis	230	1.5
All other causes	3205	21.6
<b>Total</b>	<b>14858</b>	<b>100</b>

**Black Males**

Cause of Death*	Deaths	
	#	%
Diseases of heart	753	24.2
Malignant neoplasms	712	22.9
Human immunodeficiency virus (HIV) disease	165	5.3
Accidents (unintentional injuries)	152	4.9
Cerebrovascular diseases	134	4.3
Diabetes mellitus	110	3.5
Assault (homicide)	109	3.5
Chronic lower respiratory diseases	95	3.0
Certain conditions originating in the perinatal period	83	2.7
Nephritis, nephrotic syndrome & nephrosis	81	2.6
All other causes	721	23.1
<b>Total</b>	<b>3115</b>	<b>100</b>

**Black Females**

Cause of Death*	Deaths	
	#	%
Diseases of heart	769	26.5
Malignant neoplasms	651	22.4
Cerebrovascular diseases	189	6.5
Diabetes mellitus	150	5.2
Human immunodeficiency virus (HIV) disease	85	2.9
Septicemia	78	2.7
Chronic lower respiratory diseases	76	2.6
Nephritis, nephrotic syndrome & nephrosis	72	2.5
Accidents (unintentional injuries)	71	2.4
Certain conditions originating in the perinatal period	66	2.3
All other causes	694	23.9
<b>Total</b>	<b>2901</b>	<b>100</b>

**Hispanic Males**

Cause of Death*	Deaths	
	#	%
Accidents (unintentional injuries)	80	24.0
Diseases of heart	55	16.5
Malignant neoplasms	52	15.6
Certain conditions originating in the perinatal period	16	4.8
Cerebrovascular diseases	13	3.9
Assault (homicide)	13	3.9
Intentional self-harm (suicide)	10	3.0
Human immunodeficiency virus (HIV) disease	7	2.1
Congenital malformations, deformations, & chromosomal abnormalities	5	1.5
Septicemia	5	1.5
All other causes	78	23.4
<b>Total</b>	<b>334</b>	<b>100</b>

**Hispanic Females**

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	45	19.4
Diseases of heart	41	17.7
Accidents (unintentional injuries)	19	8.2
Cerebrovascular diseases	16	6.9
Certain conditions originating in the perinatal period	14	6.0
Diabetes mellitus	9	3.9
Chronic lower respiratory diseases	8	3.4
Alzheimer's disease	7	3.0
Congenital malformations, deformations, & chromosomal abnormalities	7	3.0
Septicemia	6	2.6
All other causes	60	25.9
<b>Total</b>	<b>232</b>	<b>100</b>

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**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 Statistics Center

TABLE F-11  
TEN LEADING CAUSES OF DEATH BY AGE  
DELAWARE, 2002-2006

1-4 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	19	27.5
Malignant neoplasms	11	15.9
Congenital malformations, deformations, & chromosomal abnormalities	7	10.1
Diseases of heart	3	4.3
Cerebrovascular diseases	3	4.3
Influenza & pneumonia	2	2.9
Certain conditions originating in the perinatal period	2	2.9
All other causes	22	31.9
<b>Total</b>	<b>69</b>	<b>100.0</b>

5-14 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	22	26.8
Malignant neoplasms	12	14.6
Congenital malformations, deformations, & chromosomal abnormalities	7	8.5
Assault (homicide)	7	8.5
Diseases of heart	4	4.9
Intentional self-harm (suicide)	4	4.9
Septicemia	2	2.4
Influenza & pneumonia	2	2.4
All other causes	22	26.8
<b>Total</b>	<b>82</b>	<b>100.0</b>

15-24 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	218	48.1
Assault (homicide)	73	16.1
Intentional self-harm (suicide)	50	11.0
Malignant neoplasms	20	4.4
Diseases of heart	15	3.3
Congenital malformations, deformations, & Meningococcal infection	6	1.3
	3	0.7
All other causes	68	15.0
<b>Total</b>	<b>453</b>	<b>100</b>

25-44 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	424	21.4
Malignant neoplasms	281	14.2
Diseases of heart	281	14.2
Intentional self-harm (suicide)	154	7.8
Human immunodeficiency virus (HIV) disease	131	6.6
Assault (homicide)	86	4.3
Chronic liver disease & cirrhosis	51	2.6
Diabetes mellitus	49	2.5
Cerebrovascular diseases	39	2.0
Chronic lower respiratory diseases	23	1.2
All other causes	462	23.3
<b>Total</b>	<b>1981</b>	<b>100</b>

45-64 Years

Cause of Death*	Deaths	
	Number	Percent
Malignant neoplasms	2293	34.2
Diseases of heart	1554	23.2
Accidents (unintentional injuries)	320	4.8
Diabetes mellitus	230	3.4
Chronic lower respiratory diseases	194	2.9
Cerebrovascular diseases	189	2.8
Chronic liver disease & cirrhosis	185	2.8
Human immunodeficiency virus (HIV) disease	179	2.7
Intentional self-harm (suicide)	163	2.4
Septicemia	118	1.8
All other causes	1270	19.0
<b>Total</b>	<b>6695</b>	<b>100</b>

65+ Years

Cause of Death*	Deaths	
	Number	Percent
Diseases of heart	7947	30.8
Malignant neoplasms	6095	23.6
Cerebrovascular diseases	1688	6.5
Chronic lower respiratory diseases	1570	6.1
Diabetes mellitus	807	3.1
Alzheimer's disease	786	3.0
Influenza & pneumonia	648	2.5
Nephritis, nephrotic syndrome & nephrosis	531	2.1
Septicemia	480	1.9
Accidents (unintentional injuries)	464	1.8
All other causes	4814	18.6
<b>Total</b>	<b>25830</b>	<b>100</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 Statistics Center

LCODAGE

TABLE F-12  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(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>	1846	2	0	0	0	0	1	9	39	140	201	283	1170	1
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	8	0	0	0	0	0	0	0	0	1	1	1	5	0
Hypertensive heart disease (I11)	81	0	0	0	0	0	0	0	7	11	7	14	42	0
Hypertensive heart and renal disease (I13)	8	0	0	0	0	0	0	0	0	2	2	2	2	0
Ischemic heart disease (I20-I25)	1297	0	0	0	0	0	0	2	17	96	131	210	840	1
All other forms of heart disease (I26-I51)	452	2	0	0	0	0	1	7	15	30	60	56	281	0
<b>Malignant Neoplasms (C00-C97)</b>	1767	0	2	2	1	1	2	7	55	152	325	480	740	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	23	0	0	0	0	0	0	0	1	4	3	9	6	0
Malignant neoplasms of digestive organs (C15-C26)	402	0	0	0	0	0	0	1	12	33	76	98	182	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	569	0	0	0	0	0	0	0	6	46	106	187	224	0
Malignant neoplasms of breast (C50)	109	0	0	0	0	0	0	0	13	16	28	18	34	0
Malignant neoplasms of female genital organs, (C51-C58)	81	0	0	0	0	0	0	0	6	12	15	19	29	0
Malignant neoplasms of male genital organs, (C60-C63)	81	0	0	0	0	0	0	0	0	0	9	20	52	0
Malignant neoplasms of urinary tract (C64-C68)	96	0	0	0	0	1	0	0	0	5	16	33	41	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	46	0	1	2	0	0	0	3	3	5	13	8	11	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	152	0	1	0	0	0	1	1	6	6	25	33	79	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	208	0	0	0	1	0	1	2	8	25	34	55	82	0
<b>Cerebrovascular Diseases (I60-I69)</b>	383	0	1	0	0	0	0	4	5	12	23	68	270	0



TABLE F-12 (continued)  
(2005 - DE, 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>	344	0	0	0	0	0	0	2	1	7	24	89	221	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	322	3	5	2	1	22	13	46	56	40	27	32	75	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)	135	1	2	1	1	17	10	22	29	16	9	14	13	0
Nontransport Accidents (W00-X59, Y86)	181	2	3	1	0	5	3	23	25	22	18	17	62	0
<b>Diabetes Mellitus (E10-E14)</b>	190	0	0	0	0	0	0	0	6	17	37	35	95	0
<b>Influenza and pneumonia (J10-J18)</b>	137	0	0	0	0	0	1	2	3	5	4	20	102	0
<b>Alzheimer's Disease (G30)</b>	189	0	0	0	0	0	0	0	0	0	4	9	176	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	152	2	0	0	0	0	1	0	3	13	13	23	97	0
<b>Septicemia (A40-A41)</b>	116	0	0	0	1	1	0	1	5	13	16	19	60	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	88	0	0	0	0	8	6	12	19	17	14	5	7	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	73	0	0	0	0	0	0	0	12	14	17	17	13	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	43	0	0	0	0	0	0	0	1	5	5	5	27	0
<b>Aortic aneurysm and dissection (I71)</b>	28	0	0	0	0	0	0	0	1	1	1	7	18	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	48	0	0	0	1	5	12	14	13	1	0	0	2	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	53	0	0	0	0	0	0	3	13	26	10	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	56	56	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	29	14	0	0	0	1	2	0	3	2	1	4	2	0
<b>All Other Causes</b>	1280	22	1	2	1	4	12	24	68	97	126	135	788	0
<b>TOTAL</b>	7144	99	9	6	5	42	50	124	303	562	848	1232	3863	1

LCDAGEDE

Notes:

\*ICD Codes, Tenth Revision.

Source:  
Delaware Health Statistics Center



TABLE F-13 (continued)  
(2006 - Kent, All Races, Both Sexes)

	Age of Decedent													Unk	
	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+			
<b>Chronic Lower Respiratory Diseases (J40-J47)</b>	63	0	0	0	0	0	0	0	0	0	2	3	17	40	0
<b>Accidents (unintentional injuries) (V01-Y86)</b>	29	0	0	0	0	0	0	0	0	0	1	3	4	7	14
Motor Vehicle Accidents (V02-V04, V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	36	0	1	1	0	2	1	10	7	5	2	2	5	2	0
Nontransport Accidents (W00-X59, Y86)	28	1	0	1	0	0	0	4	1	5	3	6	7	0	0
<b>Diabetes Mellitus (E10-E14)</b>	38	0	0	0	0	0	0	0	0	2	7	9	3	17	0
<b>Influenza and pneumonia (J10-J18)</b>	28	0	0	0	0	0	0	1	0	1	3	2	2	21	0
<b>Alzheimer's Disease (G30)</b>	19	0	0	0	0	0	0	0	0	0	0	0	0	19	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	22	0	0	0	0	0	0	0	0	0	3	0	4	12	0
<b>Septicemia (A40-A41)</b>	29	0	0	0	0	0	0	0	1	3	4	7	14	0	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	19	0	0	0	0	3	0	3	3	3	5	2	0	0	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	11	0	0	0	0	0	0	0	5	4	0	1	1	1	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	11	0	0	0	0	0	0	0	0	2	1	1	1	7	0
<b>Aortic aneurysm and dissection (I71)</b>	4	0	0	0	0	0	0	0	0	0	0	0	1	3	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	7	0	0	0	0	1	1	1	4	0	0	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	11	0	0	0	0	0	0	2	1	7	1	0	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	8	3	0	0	0	0	2	0	1	0	0	0	1	1	0
<b>All Other Causes</b>	203	5	1	3	0	4	4	18	13	18	22	33	82	0	0
<b>TOTAL</b>	1219	13	1	3	0	8	9	30	60	103	145	240	607	0	0

LC04GK1

Note:  
\*ICD Codes, Tenth Revision.

Source:  
Delaware Health Statistics Center

TABLE F-14  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
NEW CASTLE, 2006  
(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>	972	1	0	0	0	0	0	7	20	81	102	135	626	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	0	1	1	0
Hypertensive heart disease (I11)	38	0	0	0	0	0	0	0	3	8	3	6	18	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	2	2	1	1	0
Ischemic heart disease (I20-I25)	686	0	0	0	0	0	1	1	4	53	70	104	454	0
All other forms of heart disease (I26-I51)	240	1	0	0	0	0	6	6	13	18	27	23	152	0
<b>Malignant Neoplasms (C00-C97)</b>	976	0	2	2	2	1	1	4	29	92	199	249	397	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	11	0	0	0	0	0	0	0	0	2	3	3	3	0
Malignant neoplasms of digestive organs (C15-C26)	222	0	0	0	0	0	0	0	8	23	44	59	88	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	311	0	0	0	0	0	0	0	3	26	65	90	127	0
Malignant neoplasms of breast (C50)	56	0	0	0	0	0	0	0	4	9	17	6	20	0
Malignant neoplasms of female genital organs. (C51-C58)	49	0	0	0	0	0	0	0	5	7	10	12	15	0
Malignant neoplasms of male genital organs. (C60-C63)	47	0	0	0	0	0	0	0	0	0	5	8	34	0
Malignant neoplasms of urinary tract (C64-C68)	52	0	0	0	0	0	0	0	0	3	12	18	19	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	29	0	1	2	0	0	0	2	2	3	7	6	6	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	84	0	1	0	0	0	0	1	2	4	17	16	43	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	115	0	0	0	0	1	1	1	5	15	19	31	42	0
<b>Cerebrovascular Diseases (I60-I69)</b>	240	0	1	0	0	0	0	3	0	9	15	40	172	0

TABLE F-14 (continued)  
(2006 - 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>	194	0	0	0	0	0	0	1	1	2	12	43	135	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	180	2	2	0	0	1	7	24	31	22	16	13	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)	57	1	1	0	0	1	5	6	12	6	4	5	8	0
Nontransport Accidents (W00-X59, Y86)	120	1	1	0	0	0	2	17	18	15	12	8	42	0
<b>Diabetes Mellitus (E10-E14)</b>	104	0	0	0	0	0	0	0	3	9	21	18	53	0
<b>Influenza and pneumonia (J10-J18)</b>	70	0	0	0	0	0	1	1	2	4	0	7	55	0
<b>Alzheimer's Disease (G30)</b>	111	0	0	0	0	0	0	0	0	0	2	8	101	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	89	1	0	0	0	0	1	0	0	12	8	13	54	0
<b>Septicemia (A40-A41)</b>	62	0	0	0	0	1	0	1	3	9	8	6	34	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	47	0	0	0	0	4	4	7	11	9	7	2	3	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	44	0	0	0	0	0	0	0	7	8	9	10	10	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	23	0	0	0	0	0	0	0	1	3	1	2	16	0
<b>Aortic aneurysm and dissection (I71)</b>	13	0	0	0	0	0	0	0	1	1	1	4	6	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	39	0	0	0	0	1	11	13	7	1	0	0	2	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	34	0	0	0	0	0	0	0	9	16	8	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	41	41	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	14	9	0	0	0	0	0	0	1	1	0	2	1	0
<b>All Other Causes</b>	786	14	0	1	1	1	7	18	47	64	64	64	505	0
<b>TOTAL</b>	4039	68	5	3	5	21	32	79	173	343	473	617	2220	0

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Notes:

\*ICD Codes, Tenth Revision.

Source:  
Delaware Health Statistics Center

TABLE F-15  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
CITY OF WILMINGTON, 2006  
(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>	174	0	0	0	0	0	0	3	5	11	23	34	98	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)	11	0	0	0	0	0	0	0	0	1	1	4	5	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)	114	0	0	0	0	0	1	2	6	19	19	19	67	0
All other forms of heart disease (I26-I51)	46	0	0	0	0	0	2	3	3	3	3	10	25	0
<b>Malignant Neoplasms (C00-C97)</b>	155	0	1	0	0	1	0	0	3	19	38	38	55	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	3	0	0	0	0	0	0	0	0	1	0	1	1	0
Malignant neoplasms of digestive organs (C15-C26)	43	0	0	0	0	0	0	2	3	9	9	15	14	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	44	0	0	0	0	0	0	0	0	5	9	14	16	0
Malignant neoplasms of breast (C50)	10	0	0	0	0	0	0	0	0	2	4	0	4	0
Malignant neoplasms of female genital organs, (C51-C58)	7	0	0	0	0	0	0	0	1	0	4	1	1	0
Malignant neoplasms of male genital organs, (C60-C63)	3	0	0	0	0	0	0	0	0	0	0	1	2	0
Malignant neoplasms of urinary tract (C64-C68)	7	0	0	0	0	0	0	0	0	1	2	2	2	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	5	0	0	0	0	0	0	0	0	0	2	1	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	10	0	1	0	0	0	0	0	0	2	1	1	5	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	23	0	0	0	0	1	0	0	0	5	7	2	8	0
<b>Cerebrovascular Diseases (I60-I69)</b>	52	0	0	0	0	0	1	1	0	3	5	10	33	0

TABLE F-15 (continued)  
 (2006 - City of Wilmington, 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>	35	0	0	0	0	0	0	1	0	1	3	10	20	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)	31	0	0	0	0	0	2	5	5	8	2	1	8	0
Nontransport Accidents (W00-X59, Y86)	6	0	0	0	0	0	1	1	1	1	0	0	2	0
<b>Diabetes Mellitus (E10-E14)</b>	25	0	0	0	0	1	4	4	4	7	2	1	6	0
<b>Influenza and pneumonia (J10-J18)</b>	14	0	0	0	0	0	0	0	1	1	4	3	5	0
<b>Alzheimer's Disease (G30)</b>	12	0	0	0	0	0	1	1	1	1	0	0	8	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	6	0	0	0	0	0	0	0	0	0	0	0	6	0
<b>Septicemia (A40-A41)</b>	16	0	0	0	0	0	0	0	0	2	2	2	10	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	14	0	0	0	0	1	0	1	1	3	2	2	4	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	6	0	0	0	0	1	0	0	3	2	0	0	0	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	10	0	0	0	0	0	0	0	1	3	3	2	1	0
<b>Aortic aneurysm and dissection (I71)</b>	7	0	0	0	0	0	0	0	0	3	0	0	4	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	1	0	0	0	0	0	0	0	0	0	0	0	1	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	18	0	0	0	0	4	3	7	2	1	0	0	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	19	0	0	0	0	0	0	0	3	13	2	1	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	11	11	0	0	0	0	0	0	0	0	0	0	0	0
<b>All Other Causes</b>	2	2	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	145	3	0	0	0	0	1	1	10	18	17	15	80	0
	728	16	1	0	2	5	7	20	35	89	101	118	334	0

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Notes:  
 \*ICD Codes, Tenth Revision.

Source:  
 Delaware Health Statistics Center

TABLE F.-16  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
SUSSEX, 2006

(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 (100-109, 111, 113, 120-151)</b>														
Acute rheumatic fever and chronic rheumatic heart disease (100-109)	507	0	0	0	0	0	0	0	6	27	57	83	333	1
Hypertensive heart disease (111)	4	0	0	0	0	0	0	0	0	1	0	0	3	0
Hypertensive heart and renal disease (113)	29	0	0	0	0	0	0	0	1	2	2	6	18	0
Ischemic heart disease (120-125)	1	0	0	0	0	0	0	0	0	0	0	1	0	0
All other forms of heart disease (126-151)	377	0	0	0	0	0	0	0	3	21	41	61	250	1
<b>Malignant Neoplasms (C00-C97)</b>														
Malignant neoplasms of lip, oral and pharynx (C00-C14)	96	0	0	0	0	0	0	0	2	3	14	15	62	0
Malignant neoplasms of digestive organs (C15-C26)	504	0	0	0	0	1	0	2	17	40	79	144	221	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	11	0	0	0	0	0	0	0	1	2	0	6	2	0
Malignant neoplasms of breast (C50)	117	0	0	0	0	0	0	1	3	6	19	25	63	0
Malignant neoplasms of female genital organs, (C51-C58)	171	0	0	0	0	0	0	0	1	17	28	61	64	0
Malignant neoplasms of male genital organs, (C60-C63)	32	0	0	0	0	0	0	0	6	3	10	4	9	0
Malignant neoplasms of urinary tract (C64-C68)	17	0	0	0	0	0	0	0	1	1	2	5	8	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	21	0	0	0	0	0	0	0	0	0	3	5	13	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	28	0	0	0	0	1	0	0	0	2	1	11	13	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	15	0	0	0	0	0	0	1	1	2	5	2	4	0
<b>Cerebrovascular Diseases (I60-I69)</b>														
	39	0	0	0	0	0	0	0	3	1	5	12	18	0
	53	0	0	0	0	0	0	0	1	6	6	13	27	0
	84	0	0	0	0	0	0	0	1	2	7	19	55	0



TABLE F-16 (continued)  
(2006 - 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+		
<b>Chronic Lower Respiratory Diseases (J40-J47)</b>	87	0	0	0	0	0	0	0	0	0	3	9	29	46	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	77	0	2	0	0	8	5	8	17	7	6	8	16	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)	42	0	0	0	0	7	4	6	10	5	3	4	3	0	0
Nontransport Accidents (W00-X59, Y86)	33	0	2	0	0	1	1	2	6	2	3	3	13	0	0
<b>Diabetes Mellitus (E10-E14)</b>	48	0	0	0	0	0	0	0	1	1	7	14	25	0	0
<b>Influenza and pneumonia (J10-J18)</b>	39	0	0	0	0	0	0	0	1	0	1	11	26	0	0
<b>Alzheimer's Disease (G30)</b>	59	0	0	0	0	0	0	0	0	0	2	1	56	0	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	41	1	0	0	0	0	0	0	0	0	1	2	6	31	0
<b>Septicemia (A40-A41)</b>	25	0	0	0	0	1	0	0	1	1	4	6	12	0	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	22	0	0	0	0	1	2	2	5	5	2	1	4	0	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	18	0	0	0	0	0	0	0	0	2	8	6	2	0	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	9	0	0	0	0	0	0	0	0	0	3	2	4	0	0
<b>Aortic aneurysm and dissection (I71)</b>	11	0	0	0	0	0	0	0	0	0	0	2	9	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	8	0	0	0	0	0	0	1	3	3	1	0	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	7	2	0	0	0	1	0	0	1	1	1	1	0	0	0
<b>All Other Causes</b>	327	4	1	0	0	1	2	2	15	23	41	42	196	0	0
<b>TOTAL</b>	1886	18	3	0	0	13	9	15	70	116	230	375	1036	1	1

LCDPAGE5X

Note:

\*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

TABLE F-17  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(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>	927	1	0	0	0	0	1	4	30	93	135	175	487	1
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	1	1	0	1	0
Hypertensive heart disease (I11)	41	0	0	0	0	0	0	0	5	5	5	8	18	0
Hypertensive heart and renal disease (I13)	4	0	0	0	0	0	0	0	0	1	2	1	0	0
Ischemic heart disease (I20-I25)	675	0	0	0	0	0	0	1	13	71	93	136	360	1
All other forms of heart disease (I26-I51)	204	1	0	0	0	0	1	3	12	15	34	30	108	0
<b>Malignant Neoplasms (C00-C97)</b>	931	0	0	2	0	0	2	2	23	72	167	274	389	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	18	0	0	0	0	0	0	0	1	4	2	7	4	0
Malignant neoplasms of digestive organs (C15-C26)	238	0	0	0	0	0	0	0	10	21	59	63	85	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	295	0	0	0	0	0	0	0	3	22	50	102	118	0
Malignant neoplasms of breast (C50)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of male genital organs, (C60-C63)	81	0	0	0	0	0	0	0	0	0	9	20	52	0
Malignant neoplasms of urinary tract (C64-C68)	67	0	0	0	0	0	0	0	0	4	12	25	26	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	30	0	0	2	0	0	0	1	2	4	6	6	9	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	87	0	0	0	0	0	1	1	1	3	14	20	47	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	114	0	0	0	0	0	1	0	6	14	15	31	47	0
<b>Cerebrovascular Diseases (I60-I69)</b>	136	0	1	0	0	0	0	1	3	6	11	35	79	0

TABLE F-17 (continued)  
(2006 - 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>	158	0	0	0	0	0	0	0	1	3	12	46	96	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)	202	1	4	2	0	13	11	34	37	28	18	19	35	0
Nontransport Accidents (W00-X59, Y86)	90	1	2	1	0	9	8	15	19	13	7	8	7	0
<b>Diabetes Mellitus (E10-E14)</b>	108	0	2	1	0	4	3	18	17	14	11	10	28	0
<b>Influenza and pneumonia (J10-J18)</b>	91	0	0	0	0	0	0	0	4	6	21	16	44	0
<b>Alzheimer's Disease (G30)</b>	63	0	0	0	0	0	1	2	2	4	3	8	43	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	65	0	0	0	0	0	0	0	0	0	4	5	56	0
<b>Septicemia (A40-A41)</b>	84	2	0	0	0	0	0	0	3	9	10	18	42	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	50	0	0	0	0	1	0	0	4	8	4	11	22	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	72	0	0	0	0	7	5	10	16	15	9	4	6	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	53	0	0	0	0	0	0	0	9	12	13	11	8	0
<b>Aortic aneurysm and dissection (I71)</b>	18	0	0	0	0	0	0	0	0	4	3	4	7	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	20	0	0	0	0	0	0	0	1	1	1	6	11	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	40	0	0	0	1	5	11	12	9	1	0	0	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	33	0	0	0	0	0	0	2	8	13	9	1	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	31	31	0	0	0	0	0	0	0	0	0	0	0	0
<b>All Other Causes</b>	11	6	0	0	0	0	1	0	2	1	0	1	0	0
<b>TOTAL</b>	569	12	0	1	1	3	7	16	42	49	80	71	287	0
	3554	53	5	5	3	28	39	83	194	325	500	705	1613	1

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Notes:

\*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

TABLE F-18  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(ALL RACES, FEMALES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
<b>Diseases of the Heart (100-109, 111, 113, 120-151)</b>	919	1	0	0	0	0	0	5	9	47	66	108	683	0
Acute rheumatic fever and chronic rheumatic heart disease (100-109)	5	0	0	0	0	0	0	0	0	0	0	1	4	0
Hypertensive heart disease (111)	40	0	0	0	0	0	0	0	2	6	2	6	24	0
Hypertensive heart and renal disease (113)	4	0	0	0	0	0	0	0	0	1	0	1	2	0
Ischemic heart disease (I20-I25)	622	0	0	0	0	0	0	1	4	25	38	74	480	0
All other forms of heart disease (I26-I51)	248	1	0	0	0	0	0	4	3	15	26	26	173	0
<b>Malignant Neoplasms (C00-C97)</b>	836	0	2	0	0	1	0	5	32	80	158	206	351	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	5	0	0	0	0	0	0	0	0	0	1	2	2	0
Malignant neoplasms of digestive organs (C15-C26)	164	0	0	0	0	0	0	1	2	12	17	35	97	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	274	0	0	0	0	0	0	0	3	24	56	85	106	0
Malignant neoplasms of breast (C50)	108	0	0	0	0	0	0	0	13	16	28	18	33	0
Malignant neoplasms of female genital organs, (C51-C58)	81	0	0	0	0	0	0	0	6	12	15	19	29	0
Malignant neoplasms of urinary tract (C64-C68)	29	0	0	0	0	1	0	0	0	1	4	8	15	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	16	0	1	0	0	0	0	2	1	1	7	2	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	65	0	1	0	0	0	0	0	5	3	11	13	32	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	94	0	0	0	0	1	0	2	2	11	19	24	35	0
<b>Cerebrovascular Diseases (I60-I69)</b>	247	0	0	0	0	0	0	3	2	6	12	33	191	0

TABLE F-18 (continued)  
(2006 - All Races, Female)

	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>	186	0	0	0	0	0	0	2	0	4	12	43	125	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)	120	2	1	0	1	9	2	12	19	12	9	13	40	0
Nontransport Accidents (W00-X59, Y86)	45	0	0	0	1	8	2	7	10	3	2	6	6	0
<b>Diabetes Mellitus (E10-E14)</b>	73	2	1	0	0	1	0	5	8	8	7	7	34	0
<b>Influenza and pneumonia (J10-J18)</b>	99	0	0	0	0	0	0	0	2	11	16	19	51	0
<b>Alzheimer's Disease (G30)</b>	74	0	0	0	0	0	0	0	1	1	1	12	59	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	124	0	0	0	0	0	0	0	0	0	0	4	120	0
<b>Septicemia (A40-A41)</b>	68	0	0	0	0	0	1	0	0	4	3	5	55	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	66	0	0	0	0	1	0	1	1	5	12	8	38	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	16	0	0	0	0	1	1	2	3	2	5	1	1	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	20	0	0	0	0	0	0	0	3	2	4	6	5	0
<b>Aortic aneurysm and dissection (I71)</b>	25	0	0	0	0	0	0	0	1	1	2	1	20	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	8	0	0	0	0	0	0	0	0	0	0	1	7	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	8	0	0	0	0	0	1	2	4	0	0	0	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	20	0	0	0	0	0	0	1	5	13	1	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	25	25	0	0	0	0	0	0	0	0	0	0	0	0
<b>All Other Causes</b>	18	8	0	0	0	1	1	0	1	1	1	3	2	0
<b>TOTAL</b>	711	10	1	1	2	14	11	8	26	48	46	64	501	0
	3590	46	4	1	4	41	109	237	348	527	2250	0		

LCDAGFEM

Note:  
\*ICD Codes, Tenth Revision.

Source:  
Delaware Health Statistics Center

TABLE F-19  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(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 (100-109, 111, 113, 120-151)</b>	1547	0	0	0	0	0	1	4	26	102	160	214	1039	1
Acute rheumatic fever and chronic rheumatic heart disease (100-109)	6	0	0	0	0	0	0	0	0	1	1	0	4	0
Hypertensive heart disease (111)	60	0	0	0	0	0	0	0	5	9	4	9	33	0
Hypertensive heart and renal disease (113)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Ischemic heart disease (120-125)	1103	0	0	0	0	0	0	0	15	71	108	164	744	1
All other forms of heart disease (126-151)	376	0	0	0	0	0	1	4	6	21	46	41	257	0
<b>Malignant Neoplasms (C00-C97)</b>	1463	0	1	2	0	0	2	6	39	105	250	394	664	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	19	0	0	0	0	0	0	0	1	2	3	7	6	0
Malignant neoplasms of digestive organs (C15-C26)	329	0	0	0	0	0	0	1	9	18	60	76	165	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	478	0	0	0	0	0	0	0	5	34	87	154	198	0
Malignant neoplasms of breast (C50)	88	0	0	0	0	0	0	0	9	13	20	15	31	0
Malignant neoplasms of female genital organs, (C51-C58)	60	0	0	0	0	0	0	0	3	11	6	14	26	0
Malignant neoplasms of male genital organs, (C60-C63)	61	0	0	0	0	0	0	0	0	0	4	14	43	0
Malignant neoplasms of urinary tract (C64-C68)	85	0	0	0	0	0	0	0	0	4	13	32	36	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	39	0	1	2	0	0	0	3	3	4	11	7	8	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	133	0	0	0	0	0	1	1	4	2	20	30	75	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	171	0	0	0	0	0	1	1	5	17	26	45	76	0
<b>Cerebrovascular Diseases (I60-I69)</b>	321	0	0	0	0	0	0	2	4	6	17	50	242	0

TABLE F-19 (continued)  
(2006 - White, Both Sexes)

	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
<b>Chronic Lower Respiratory Diseases (J40-J47)</b>	304	0	0	0	0	0	0	1	0	6	20	76	201	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	265	1	3	2	1	19	10	35	47	29	21	28	69	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)	114	1	2	1	1	15	8	16	26	13	6	13	12	0
Nontransport Accidents (W00-X59, Y86)	146	0	1	1	0	4	2	19	19	14	15	14	57	0
<b>Diabetes Mellitus (E10-E14)</b>	143	0	0	0	0	0	0	0	3	11	24	26	79	0
<b>Influenza and pneumonia (J10-J18)</b>	119	0	0	0	0	0	0	1	2	3	4	16	93	0
<b>Alzheimer's Disease (G30)</b>	173	0	0	0	0	0	0	0	0	0	4	7	162	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	114	2	0	0	0	0	0	0	2	7	9	18	76	0
<b>Septicemia (A40-A41)</b>	84	0	0	0	0	1	0	0	3	9	11	16	44	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	79	0	0	0	0	5	6	11	16	15	14	5	7	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	62	0	0	0	0	0	0	0	12	11	13	15	11	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	31	0	0	0	0	0	0	0	0	1	3	3	24	0
<b>Aortic aneurysm and dissection (I71)</b>	24	0	0	0	0	0	0	0	0	0	1	5	18	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	11	0	0	0	1	0	2	2	5	0	0	0	1	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	10	0	0	0	0	0	0	1	4	2	3	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	25	25	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	21	10	0	0	0	1	2	0	2	1	0	3	2	0
<b>All Other Causes</b>	1060	12	0	2	1	2	9	22	49	70	94	103	696	0
<b>TOTAL</b>	5856	50	4	6	3	28	32	85	214	378	648	979	3428	1

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Notes:

\*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

TABLE F-20  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(WHITE MALES)

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the Heart (I00-I09, I11, I13, I20-I51)</b>														
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	771	0	0	0	0	0	1	2	19	71	111	133	433	1
Hypertensive heart disease (I11)	3	0	0	0	0	0	0	0	0	1	1	0	1	0
Hypertensive heart and renal disease (I13)	27	0	0	0	0	0	0	0	3	5	3	4	12	0
Ischemic heart disease (I20-I25)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
All other forms of heart disease (I26-I51)	569	0	0	0	0	0	0	0	11	53	78	106	320	1
<b>Malignant Neoplasms (C00-C97)</b>														
Malignant neoplasms of lip, oral and pharynx (C00-C14)	171	0	0	0	0	0	1	2	5	12	28	23	100	0
Malignant neoplasms of digestive organs (C15-C26)	786	0	0	2	0	0	2	2	19	52	131	224	354	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	14	0	0	0	0	0	0	0	1	2	2	5	4	0
Malignant neoplasms of breast (C50)	196	0	0	0	0	0	0	0	8	11	46	49	82	0
Malignant neoplasms of male genital organs, (C60-C63)	254	0	0	0	0	0	0	0	3	19	43	84	105	0
Malignant neoplasms of urinary tract (C64-C68)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	61	0	0	0	0	0	0	0	0	0	4	14	43	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	62	0	0	0	0	0	0	0	0	4	11	24	23	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	25	0	0	2	0	0	0	1	2	4	4	6	6	0
<b>Cerebrovascular Diseases (I60-I69)</b>														
	77	0	0	0	0	0	1	1	1	1	11	17	45	0
	96	0	0	0	0	0	1	0	4	11	10	25	45	0
	107	0	0	0	0	0	0	0	2	3	7	26	69	0



TABLE F-20 (continued)  
(2006 - White 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+	
<b>Chronic Lower Respiratory Diseases (J40-J47)</b>	134	0	0	0	0	0	0	0	0	3	8	39	84	0
<b>Accidents (unintentional injuries) (V01-Y85, Y85-Y86)</b>	168	1	3	2	0	11	9	25	31	21	15	17	33	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)	77	1	2	1	0	8	7	11	17	11	5	7	7	0
Nontransport Accidents (W00-X59, Y86)	88	0	1	1	0	3	2	14	13	9	10	9	26	0
<b>Diabetes Mellitus (E10-E14)</b>	69	0	0	0	0	0	0	0	2	4	17	12	34	0
<b>Influenza and pneumonia (J10-J18)</b>	54	0	0	0	0	0	0	1	2	2	3	8	38	0
<b>Alzheimer's Disease (G30)</b>	60	0	0	0	0	0	0	0	0	0	4	4	52	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	63	2	0	0	0	0	0	0	2	4	8	14	33	0
<b>Septicemia (A40-A41)</b>	38	0	0	0	0	0	0	0	3	5	3	8	19	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	63	0	0	0	0	4	5	9	13	13	9	4	6	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	44	0	0	0	0	0	0	0	9	9	10	9	7	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	11	0	0	0	0	0	0	0	0	0	1	3	7	0
<b>Aortic aneurysm and dissection (I71)</b>	17	0	0	0	0	0	0	0	0	0	1	5	11	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	7	0	0	0	1	0	2	2	2	0	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	9	0	0	0	0	0	0	1	3	2	3	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	16	16	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	8	4	0	0	0	0	1	0	2	0	0	1	0	0
<b>All Other Causes</b>	467	5	0	1	1	1	7	15	32	37	60	54	254	0
<b>TOTAL</b>	2892	28	3	5	2	16	27	57	141	226	391	561	1434	1

LCDAGEWM

Notes:  
\*ICD Codes, Tenth Revision.

Source:  
Delaware Health Statistics Center

TABLE F-21  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(WHITE FEMALES)

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the Heart (I00-I09, I11, I13, I20-I51)</b>	776	0	0	0	0	0	0	2	7	31	49	81	606	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	0	0	3	0
Hypertensive heart disease (I11)	33	0	0	0	0	0	0	0	2	4	1	5	21	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)	534	0	0	0	0	0	0	0	4	18	30	58	424	0
All other forms of heart disease (I26-I51)	205	0	0	0	0	0	0	2	1	9	18	18	157	0
<b>Malignant Neoplasms (C00-C97)</b>	677	0	1	0	0	0	0	4	20	53	119	170	310	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	5	0	0	0	0	0	0	0	0	0	1	2	2	0
Malignant neoplasms of digestive organs (C15-C26)	133	0	0	0	0	0	0	1	1	7	14	27	83	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	224	0	0	0	0	0	0	0	2	15	44	70	93	0
Malignant neoplasms of breast (C50)	87	0	0	0	0	0	0	0	9	13	20	15	30	0
Malignant neoplasms of female genital organs, (C51-C58)	60	0	0	0	0	0	0	0	3	11	6	14	26	0
Malignant neoplasms of urinary tract (C64-C68)	23	0	0	0	0	0	0	0	0	0	2	8	13	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	14	0	1	0	0	0	0	2	1	0	7	1	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	56	0	0	0	0	0	0	0	3	1	9	13	30	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	75	0	0	0	0	0	0	1	1	6	16	20	31	0
<b>Cerebrovascular Diseases (I60-I69)</b>	214	0	0	0	0	0	0	2	2	3	10	24	173	0

TABLE F-21 (continued)  
(2006 - 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>	170	0	0	0	0	0	0	1	0	3	12	37	117	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)	97	0	0	0	1	8	1	10	16	8	6	11	36	0
Nontransport Accidents (W00-X59, Y86)	37	0	0	0	1	7	1	5	9	2	1	6	5	0
<b>Diabetes Mellitus (E10-E14)</b>	58	0	0	0	0	1	0	5	6	5	5	5	31	0
<b>Influenza and pneumonia (J10-J18)</b>	74	0	0	0	0	0	0	0	1	7	7	14	45	0
<b>Alzheimer's Disease (G30)</b>	65	0	0	0	0	0	0	0	0	1	1	8	55	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	3	110	0
<b>Septicemia (A40-A41)</b>	51	0	0	0	0	0	0	0	0	3	1	4	43	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	46	0	0	0	0	1	0	0	0	4	8	8	25	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	16	0	0	0	0	1	1	2	3	2	5	1	1	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	18	0	0	0	0	0	0	0	3	2	3	6	4	0
<b>Aortic aneurysm and dissection (I71)</b>	20	0	0	0	0	0	0	0	0	1	2	0	17	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	7	0	0	0	0	0	0	0	0	0	0	0	7	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	4	0	0	0	0	0	0	0	3	0	0	0	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	1	0	0	0	0	0	0	0	1	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	9	9	0	0	0	0	0	0	0	0	0	0	0	0
<b>All Other Causes</b>	13	6	0	0	0	1	1	0	0	1	0	2	2	0
<b>TOTAL</b>	593	7	0	1	1	12	5	28	73	152	257	418	1994	0
<b>TOTAL</b>	2964	22	1	1	1	1	1	28	73	152	257	418	1994	0

LCDAGEWF

Note:  
\*ICD Codes, Tenth Revision.

Source:  
Delaware Health Statistics Center

TABLE F-22  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
**(BLACK, BOTH SEXES)**

Cause of Death*	Age of Decedent													Unk
	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
<b>Diseases of the Heart (I00-I09, I11, I13, I20-I51)</b>	285	1	0	0	0	0	0	5	13	37	39	65	125	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	0	1	1	0
Hypertensive heart disease (I11)	21	0	0	0	0	0	0	0	2	2	3	5	9	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	2	1	2	1	0
Ischemic heart disease (I20-I25)	184	0	0	0	0	0	2	2	2	24	21	42	93	0
All other forms of heart disease (I26-I51)	72	1	0	0	0	0	3	9	9	9	14	15	21	0
<b>Malignant Neoplasms (C00-C97)</b>	289	0	1	0	0	1	0	1	16	44	71	80	74	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	4	0	0	0	0	0	0	0	0	2	0	2	0	0
Malignant neoplasms of digestive organs (C15-C26)	69	0	0	0	0	0	0	0	3	13	16	20	17	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	84	0	0	0	0	0	0	0	1	11	17	30	25	0
Malignant neoplasms of breast (C50)	21	0	0	0	0	0	0	0	4	3	8	3	3	0
Malignant neoplasms of female genital organs, (C51-C58)	20	0	0	0	0	0	0	0	3	1	8	5	3	0
Malignant neoplasms of male genital organs, (C60-C63)	19	0	0	0	0	0	0	0	0	0	4	6	9	0
Malignant neoplasms of urinary tract (C64-C68)	11	0	0	0	0	1	0	0	0	1	3	1	5	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	6	0	0	0	0	0	0	0	0	1	2	1	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	19	0	1	0	0	0	0	0	2	4	5	3	4	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	36	0	0	0	0	1	0	1	3	8	8	9	6	0
<b>Cerebrovascular Diseases (I60-I69)</b>	62	0	1	0	0	0	0	2	1	6	6	18	28	0

TABLE F-22 (continued)  
(2006 - 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>	37	0	0	0	0	0	0	1	1	1	4	11	19	0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	50	2	2	0	0	3	3	10	8	10	4	3	5	0
Motor Vehicle Accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	18	0	0	0	0	2	2	6	3	3	1	1	0	0
Nontransport Accidents (W00-X59, Y86)	31	2	2	0	0	1	1	3	5	7	3	2	5	0
<b>Diabetes Mellitus (E10-E14)</b>	43	0	0	0	0	0	0	0	2	6	11	9	15	0
<b>Influenza and pneumonia (J10-J18)</b>	17	0	0	0	0	0	1	1	1	2	0	4	8	0
<b>Alzheimer's Disease (G30)</b>	12	0	0	0	0	0	0	0	0	0	0	2	10	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	38	0	0	0	0	0	1	0	1	6	4	5	21	0
<b>Septicemia (A40-A41)</b>	30	0	0	0	1	0	0	1	2	3	5	3	15	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	9	0	0	0	0	3	0	1	3	2	0	0	0	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	11	0	0	0	0	0	0	0	0	3	4	2	2	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	12	0	0	0	0	0	0	0	1	4	2	2	3	0
<b>Aortic aneurysm and dissection (I71)</b>	4	0	0	0	0	0	0	0	1	1	0	2	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	37	0	0	0	0	5	10	12	8	1	0	0	1	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	43	0	0	0	0	0	0	2	9	24	7	1	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	29	29	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	6	2	0	0	0	0	0	0	1	1	1	1	0	0
<b>All Other Causes</b>	211	10	1	0	0	1	3	2	19	26	31	29	89	0
<b>TOTAL</b>	1225	44	5	0	2	13	18	38	87	177	189	237	415	0

LCDJAGBLK

Notes:

\*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

TABLE F-23  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(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>	150	0	0	0	0	0	0	2	11	22	23	40	52	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)	14	0	0	0	0	0	0	0	2	0	2	4	6	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	1	1	1	0	0
Ischemic heart disease (I20-I25)	102	0	0	0	0	0	1	2	18	14	28	39	0	0
All other forms of heart disease (I26-I51)	31	0	0	0	0	0	1	7	3	6	7	7	7	0
<b>Malignant Neoplasms (C00-C97)</b>	141	0	0	0	0	0	0	0	4	20	35	48	34	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	4	0	0	0	0	0	0	0	0	2	0	2	0	0
Malignant neoplasms of digestive organs (C15-C26)	41	0	0	0	0	0	0	2	10	13	13	13	3	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	40	0	0	0	0	0	0	0	3	7	7	17	13	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)	19	0	0	0	0	0	0	0	0	0	4	6	9	0
Malignant neoplasms of urinary tract (C64-C68)	5	0	0	0	0	0	0	0	0	0	1	1	3	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	4	0	0	0	0	0	0	0	0	0	2	0	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	10	0	0	0	0	0	0	0	0	2	3	3	2	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	18	0	0	0	0	0	0	0	2	3	5	6	2	0
<b>Cerebrovascular Diseases (I60-I69)</b>	29	0	1	0	0	0	0	1	1	3	4	9	10	0

TABLE F-23 (continued)  
(2006 - 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+	
<b>Chronic Lower Respiratory Diseases (J40-J47)</b>	22	0	0	0	0	0	0	0	1	0	4	5	12	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)	29	0	1	0	0	2	2	8	5	6	1	2	2	0
Nontransport Accidents (W00-X59, Y86)	11	0	0	0	0	1	1	4	2	2	0	1	0	0
<b>Diabetes Mellitus (E10-E14)</b>	17	0	1	0	0	1	3	3	3	4	1	1	2	0
<b>Influenza and pneumonia (J10-J18)</b>	20	0	0	0	0	0	0	0	1	2	4	4	9	0
<b>Alzheimer's Disease (G30)</b>	9	0	0	0	0	0	1	1	0	2	0	0	5	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	4	0	0	0	0	0	0	0	0	0	0	1	3	0
<b>Septicemia (A40-A41)</b>	21	0	0	0	0	0	0	0	1	5	2	4	9	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	11	0	0	0	0	1	0	0	1	2	1	3	3	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	9	0	0	0	0	3	0	1	3	2	0	0	0	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	9	0	0	0	0	0	0	0	0	3	3	2	1	0
<b>Aortic aneurysm and dissection (I71)</b>	7	0	0	0	0	0	0	0	0	4	2	1	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	3	0	0	0	0	0	0	0	1	1	0	1	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	33	0	0	0	0	5	9	10	7	1	0	0	1	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	24	0	0	0	0	0	0	1	5	11	6	1	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	13	13	0	0	0	0	0	0	0	0	0	0	0	0
<b>All Other Causes</b>	2	1	0	0	0	0	0	0	0	1	0	0	0	0
<b>TOTAL</b>	98	7	0	0	0	1	0	1	10	12	20	15	32	0
	634	21	2	0	0	1	11	25	51	97	105	136	173	0

LCDAGEBM

Notes:  
1. \*ICD Codes, Tenth Revision.

Source:  
Delaware Health Statistics Center

TABLE F-24  
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH  
DELAWARE, 2006  
(BLACK FEMALES)

Cause of Death*	Age of Decedent											Unk		
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75+
<b>Diseases of the Heart (I00-I09, I11, I13, I20-I51)</b>	135	1	0	0	0	0	0	3	2	15	16	25	73	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	2	0	0	0	0	0	0	0	0	0	0	1	1	0
Hypertensive heart disease (I11)	7	0	0	0	0	0	0	0	0	2	1	1	3	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)	82	0	0	0	0	0	0	1	0	6	7	14	54	0
All other forms of heart disease (I26-I51)	41	1	0	0	0	0	0	2	2	6	8	8	14	0
<b>Malignant Neoplasms (C00-C97)</b>	148	0	1	0	1	1	0	1	12	24	36	32	40	0
Malignant neoplasms of lip, oral 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)	28	0	0	0	0	0	0	0	1	3	3	7	14	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	44	0	0	0	0	0	0	0	1	8	10	13	12	0
Malignant neoplasms of breast (C50)	21	0	0	0	0	0	0	0	4	3	8	3	3	0
Malignant neoplasms of female genital organs, (C51-C58)	20	0	0	0	0	0	0	0	3	1	8	5	3	0
Malignant neoplasms of urinary tract (C64-C68)	6	0	0	0	0	1	0	0	0	1	2	0	2	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	2	0	0	0	0	0	0	0	0	1	0	1	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	9	0	1	0	0	0	0	0	2	2	2	0	2	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	18	0	0	0	1	0	0	1	1	5	3	3	4	0
<b>Cerebrovascular Diseases (I60-I69)</b>	33	0	0	0	0	0	0	1	0	3	2	9	18	0



TABLE F-24 (continued)  
(2006 - 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>	15	0	0	0	0	0	0	1	0	1	0	6	7	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)	21	2	1	0	0	1	1	2	3	4	3	1	3	0
Nontransport Accidents (W00-X59, Y86)	14	2	1	0	0	0	0	0	2	3	2	1	3	0
<b>Diabetes Mellitus (E10-E14)</b>	23	0	0	0	0	0	0	0	1	4	7	5	6	0
<b>Influenza and pneumonia (J10-J18)</b>	8	0	0	0	0	0	0	0	1	0	0	4	3	0
<b>Alzheimer's Disease (G30)</b>	8	0	0	0	0	0	0	0	0	0	0	1	7	0
<b>Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)</b>	17	0	0	0	0	0	1	0	0	1	2	1	12	0
<b>Septicemia (A40-A41)</b>	19	0	0	0	0	0	0	1	1	1	4	0	12	0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Chronic liver disease and Cirrhosis (K70, K73-K74)</b>	2	0	0	0	0	0	0	0	0	0	1	0	1	0
<b>Essential (primary) hypertension and hypertensive renal disease (I10, I12)</b>	5	0	0	0	0	0	0	0	1	0	0	1	3	0
<b>Aortic aneurysm and dissection (I71)</b>	1	0	0	0	0	0	0	0	0	0	0	1	0	0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	4	0	0	0	0	0	1	2	1	0	0	0	0	0
<b>Human immunodeficiency virus (HIV) (B20-B24)</b>	19	0	0	0	0	0	0	1	4	13	1	0	0	0
<b>Certain conditions originating in the perinatal period (P00-P96)</b>	16	16	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)</b>	4	1	0	0	0	0	0	0	1	0	1	1	0	0
<b>All Other Causes</b>	113	3	1	0	0	0	3	1	9	14	11	14	57	0
<b>TOTAL</b>	591	23	3	0	1	2	6	13	36	80	84	101	242	0

LCDAGEBF

Note:  
\*ICD Codes, Tenth Revision.

Source:  
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, 1992-2006

Area/ Race	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Delaware</b>	64	106	138	163	132	60	55	65	68	67	70	80	58	63	53
Males	57	82	115	132	101	45	47	49	46	47	51	58	36	43	33
White	29	38	47	55	36	10	8	14	11	10	14	18	7	8	9
Black	28	43	68	76	65	35	39	34	35	37	37	40	29	35	24
Females	7	24	23	31	31	15	8	16	22	20	19	22	22	20	20
White	5	7	4	8	5	1	1	2	2	1	6	3	6	2	1
Black	2	17	19	23	26	14	7	14	20	19	13	19	16	18	19
<b>Kent</b>	13	11	16	17	13	6	5	8	4	9	4	8	8	5	11
Males	11	9	12	14	9	6	3	5	0	5	4	7	5	2	7
White	7	5	4	7	4	1	0	3	0	2	0	2	2	0	1
Black	4	4	8	6	5	5	3	2	0	3	4	5	3	2	6
Females	2	2	4	3	4	0	2	3	4	4	0	1	3	3	4
White	2	1	2	0	2	0	0	0	2	0	0	1	0	0	0
Black	0	1	2	3	2	0	2	3	2	4	0	0	3	3	4
<b>New Castle</b>	40	85	100	121	109	49	44	45	54	52	56	69	46	51	34
Males	37	66	84	96	82	34	38	34	37	38	40	49	29	35	19
White	18	27	29	29	23	6	7	7	6	6	9	15	4	6	5
Black	19	38	55	67	59	28	31	27	31	32	31	34	25	29	14
Females	3	19	16	25	27	15	6	11	17	14	16	20	17	16	15
White	1	5	1	8	3	1	1	2	0	1	4	2	5	2	1
Black	2	14	15	17	24	14	5	9	17	13	12	18	12	14	14
Wilmington	18	50	56	71	68	27	28	23	35	37	28	43	25	33	19
Males	18	38	45	59	47	15	24	20	25	28	22	30	15	21	7
White	7	7	5	7	4	2	2	2	4	3	4	5	0	2	0
Black	11	30	40	52	43	13	22	18	21	25	18	25	15	19	7
Females	0	12	11	12	21	12	4	3	10	9	6	13	10	12	12
White	0	2	0	2	1	0	1	0	0	1	0	0	1	1	1
Black	0	10	11	10	20	12	3	3	10	8	6	13	9	11	11
Bal of NCCo	22	35	44	50	41	22	16	22	19	15	28	26	21	18	15
Males	19	28	39	37	35	19	14	14	12	10	18	19	14	14	12
White	11	20	24	22	19	4	5	5	2	3	5	10	4	4	5
Black	8	8	15	15	16	15	9	9	10	7	13	9	10	10	7
Females	3	7	5	13	6	3	2	8	7	5	10	7	7	4	3
White	1	3	1	6	2	1	0	2	0	0	4	2	4	1	0
Black	2	4	4	7	4	2	2	6	7	5	6	5	3	3	3
<b>Sussex</b>	11	10	22	25	10	5	6	12	10	6	10	3	4	7	8
Males	9	7	19	22	10	5	6	10	9	4	7	2	2	6	7
White	4	6	14	19	9	3	1	4	5	2	5	1	1	2	3
Black	5	1	5	3	1	2	5	5	4	2	2	1	1	4	4
Females	2	3	3	3	0	0	0	2	1	2	3	1	2	1	1
White	2	1	1	0	0	0	0	0	0	0	2	0	1	0	0
Black	0	2	2	3	0	0	0	2	1	2	1	1	1	1	1
<b>Hispanic</b>	5	4	3	11	5	1	3	1	1	3	4	2	1	2	1
Males	5	2	2	10	3	1	3	1	1	2	4	1	0	2	0
Females	0	2	1	1	2	0	0	0	0	1	0	1	1	0	1

**Note:**

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

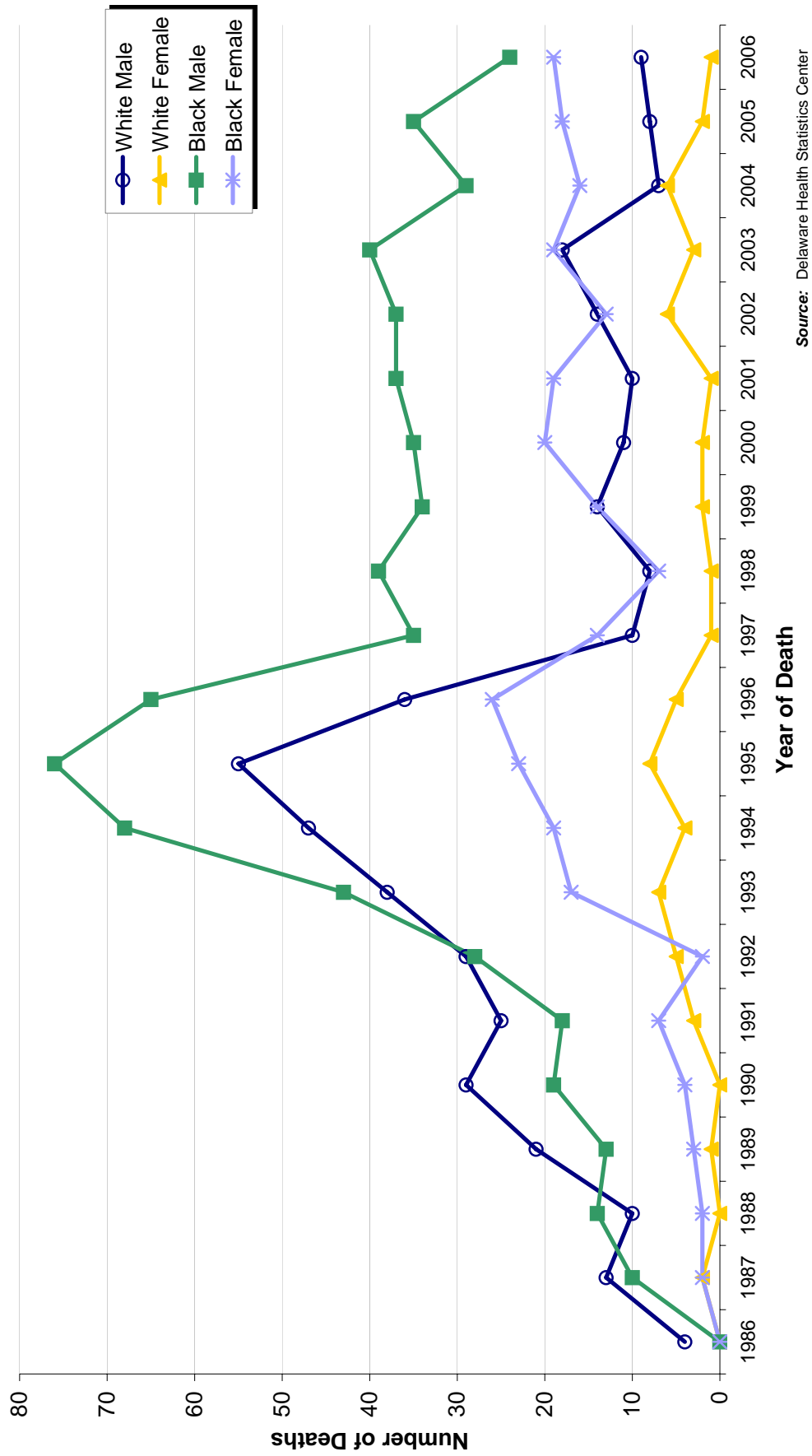
**Sources:**

Delaware Health Statistics Center  
National Center for Health Statistics

AIDS

**Figure F-3  
Number of HIV Deaths by Race and Sex**

**Delaware, 1986-2006**



Source: Delaware Health Statistics Center

TABLE F-26  
NUMBER AND PERCENT OF DEATHS BY METHOD OF DISPOSITION AND RACE  
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2006

Area/ Method of Disposition	Race							
	All Races		White		Black		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Delaware</b>	7144	100.0	5856	100.0	1225	100.0	63	100.0
Burial	4686	65.6	3680	62.8	976	79.7	30	47.6
Cremation	2357	33.0	2084	35.6	241	19.7	32	50.8
Donation	39	0.5	39	0.7	0	0.0	0	0.0
Removal from State	30	0.4	28	0.5	2	0.2	0	0.0
Unknown	32	0.4	25	0.4	6	0.5	1	1.6
<b>Kent</b>	1219	100.0	967	100.0	234	100.0	18	100.0
Burial	808	66.3	612	63.3	184	78.6	12	66.7
Cremation	390	32.0	336	34.7	48	20.5	6	33.3
Donation	9	0.7	9	0.9	0	0.0	0	0.0
Removal from State	3	0.2	2	0.2	1	0.4	0	0.0
Unknown	9	0.7	8	0.8	1	0.4	0	0.0
<b>New Castle</b>	4039	100.0	3212	100.0	794	100.0	33	100.0
Burial	2697	66.8	2079	64.7	608	76.6	10	30.3
Cremation	1291	32.0	1089	33.9	180	22.7	22	66.7
Donation	19	0.5	19	0.6	0	0.0	0	0.0
Removal from State	17	0.4	16	0.5	1	0.1	0	0.0
Unknown	15	0.4	9	0.3	5	0.6	1	3.0
Wilmington	728	100.0	337	100.0	385	100.0	6	100.0
Burial	501	68.8	214	63.5	284	73.8	3	50.0
Cremation	218	29.9	118	35.0	98	25.5	2	33.3
Donation	2	0.3	2	0.6	0	0.0	0	0.0
Removal from State	3	0.4	3	0.9	0	0.0	0	0.0
Unknown	4	0.5	0	0.0	3	0.8	1	16.7
Balance of NC County	3311	100.0	2875	100.0	409	100.0	27	100.0
Burial	2196	66.3	1865	64.9	324	79.2	7	25.9
Cremation	1073	32.4	971	33.8	82	20.0	20	74.1
Donation	17	0.5	17	0.6	0	0.0	0	0.0
Removal from State	14	0.4	13	0.5	1	0.2	0	0.0
Unknown	11	0.3	9	0.3	2	0.5	0	0.0
<b>Sussex</b>	1886	100.0	1677	100.0	197	100.0	12	100.0
Burial	1181	62.6	989	59.0	184	93.4	8	66.7
Cremation	676	35.8	659	39.3	13	6.6	4	33.3
Donation	11	0.6	11	0.7	0	0.0	0	0.0
Removal from State	10	0.5	10	0.6	0	0.0	0	0.0
Unknown	8	0.4	8	0.5	0	0.0	0	0.0

**Notes:**

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

DISPRACE

**Source:**

Delaware Health Statistics Center

TABLE F-27  
LIFE EXPECTANCY AT BIRTH\* BY RACE AND SEX

DELAWARE, 1986-2006

Year	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2006	78.4	75.7	81.0	79.1	76.4	81.7	74.8	71.4	77.8
2005	77.7	75.0	80.3	78.4	75.7	81.1	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
1993	75.2	71.9	78.5	76.5	73.6	79.3	68.5	63.4	73.6
1992	75.4	72.4	78.2	76.3	73.5	78.9	70.3	66.2	74.3
1991	75.0	71.9	77.9	76.0	73.0	78.9	69.4	66.2	72.4
1990	75.0	71.9	77.9	76.0	73.2	78.8	69.3	65.4	73.1
1989	74.3	71.1	77.3	75.3	72.2	78.2	68.4	64.4	72.4
1988	74.2	70.9	77.3	75.1	71.9	78.2	68.8	65.0	72.6
1987	74.3	71.0	77.5	75.1	71.8	78.3	69.7	66.1	73.1
1986	74.0	70.5	77.5	74.9	71.4	78.3	68.9	65.0	72.8

LIFE\_TB1

**Note:**

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

**Source:**

Delaware Health Statistics Center

TABLE F-28  
AVERAGE REMAINING YEARS OF LIFE\* BY AGE, RACE, AND SEX

DELAWARE, 2006

Age Group	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
0-5	78.4	75.7	81.0	79.1	76.4	81.7	74.8	71.4	77.8
5-10	74.1	71.4	76.7	74.7	72.0	77.2	71.0	67.5	74.2
10-15	69.1	66.5	71.7	69.7	67.1	72.2	66.0	62.5	69.2
15-20	64.2	61.5	66.7	64.7	62.1	67.2	61.1	57.6	64.2
20-25	59.4	56.8	61.9	60.0	57.4	62.4	56.3	52.9	59.3
25-30	54.6	52.2	57.0	55.2	52.7	57.5	51.6	48.4	54.6
30-35	50.0	47.6	52.2	50.5	48.1	52.7	46.9	43.8	49.7
35-40	45.2	42.9	47.4	45.7	43.5	47.9	42.3	39.3	45.1
40-45	40.6	38.5	42.6	41.1	39.0	43.1	37.8	34.9	40.4
45-50	36.2	34.1	38.1	36.7	34.7	38.5	33.5	30.6	36.0
50-55	31.8	29.8	33.6	32.2	30.3	33.9	29.5	26.7	31.9
55-60	27.6	25.7	29.3	27.9	26.1	29.6	25.6	23.0	27.9
60-65	23.5	21.7	25.0	23.7	22.0	25.2	21.8	19.2	24.0
65-70	19.7	18.1	21.1	19.9	18.4	21.2	18.4	16.0	20.4
70-75	16.2	14.9	17.3	16.3	15.0	17.3	15.6	13.3	17.3
75-80	13.0	11.8	13.8	13.0	11.9	13.8	12.9	11.0	14.2
80-85	10.1	9.3	10.6	10.1	9.3	10.5	10.1	8.7	11.0
85+	7.9	7.2	8.2	7.8	7.2	8.1	8.0	6.9	8.5

LIFE\_TB2

**Note:**

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

**Source:**

Delaware Health Statistics Center

TABLE F-29  
MATERNAL DEATHS

DELAWARE AND COUNTIES, 1982-2006

Year	Area			
	Delaware	Kent	New Castle	Sussex
2006	1	0	1	0
2005	1	0	1	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
1988	1	0	1	0
1987	0	0	0	0
1986	0	0	0	0
1985	1	0	1	0
1984	0	0	0	0
1983	0	0	0	0
1982	1	0	1	0

MATERNAL

**Note:**

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

**Source:**

Delaware Health Statistics Center

TABLE F-30  
 FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED CAUSES OF DEATH  
 DELAWARE AND COUNTIES, 2002-2006

LEADING CAUSE OF DEATH	AREA				RACE	
	DE	Kent	NCC	Sussex	White	Black
Diseases of the heart	222.7	267.9	217.5	210.7	215.5	269.6
Malignant neoplasms	193.9	206.7	193.2	190.5	189.8	225.9
Cerebrovascular diseases	43.9	48.6	47.4	34.2	41.5	59.2
Chronic lower respiratory diseases	40.3	49.7	38.7	38.8	41.6	31.4
Accidents (unintentional injuries)	35.1	40.7	31.7	42.6	37.5	28.9
Diabetes mellitus	24.4	30.6	24.2	21.8	21.3	45.7
Alzheimer's disease	18.4	13.2	18.1	21.6	18.8	14.0
Influenza and pneumonia	16.8	20.0	14.2	20.5	16.8	16.8
Dementia	16.1	14.3	18.6	11.9	15.4	22.4
Nephritis, nephrotic syndrome, and nephrosis	14.8	16.7	14.9	13.5	12.9	27.6
Septicemia	14.2	18.6	14.6	11.5	12.9	22.5
Intentional self-harm (suicide)	10.2	10.4	10.0	10.8	11.8	5.1
Chronic liver disease and cirrhosis	9.1	10.1	8.8	9.2	9.6	7.1
Other diseases of respiratory system	8.9	10.3	8.6	8.4	9.0	6.8
Human immunodeficiency virus (HIV)	7.7	5.3	9.6	3.9	2.3	30.7
Certain conditions originating in the perinatal period	7.5	6.6	8.0	6.5	5.0	14.7
Pneumonitis due to solids and liquids	7.1	5.0	7.4	7.5	6.7	8.7
Essential (primary) hypertension and hypertensive renal disease	6.8	9.1	6.9	5.0	5.6	14.7
Parkinson's disease	5.4	4.6	6.0	4.7	5.8	NA
Aortic aneurysm and dissection	5.0	7.2	4.4	5.3	5.0	5.2
Assault (homicide)	5.0	3.1	5.9	3.3	2.4	13.3
Congenital malformations, deformations, and chromosomal abnormalities	3.1	3.4	2.9	3.7	3.0	3.3

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 Statistics Center

TABLE F-31  
 FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED CAUSES OF DEATH  
 DELAWARE AND COUNTIES, 1985-2006

Area/ Year	Diseases of the heart	Malignant neoplasms	Cerebro- vascular diseases	Chronic lower respiratory diseases	Diabetes mellitus	Influenza and pneumonia	Dementia	Alzheimer's Disease	Nephritis, nephrotic syndrome, and nephrosis	Septicemia	Human immuno- deficiency virus (HIV)	Accidents (unintentional injuries)	Intentional self-harm (suicide)	Assault (homicide)
<b>Delaware</b>														
2002-2006	222.7	193.9	43.9	40.3	24.4	16.8	16.1	18.4	14.8	14.2	7.7	35.1	10.2	5.0
2001-2005	235.5	200.2	45.7	40.7	25.9	18.6	12.1	17.9	14.3	15.0	8.2	35.1	10.9	4.5
2000-2004	243.0	201.8	48.6	40.3	25.7	21.0	10.5	16.9	14.4	15.8	8.4	35.8	11.1	3.8
1999-2003	251.3	205.8	50.8	41.1	25.7	22.1	9.4	16.5	14.2	15.9	8.7	35.9	11.1	3.6
1998-2002	256.7	210.2	51.5	42.1	26.3	26.1	8.5	14.6	14.1	15.9	8.2	36.3	10.7	3.7
1997-2001	266.8	217.5	51.5	41.8	26.9	28.7	7.1	13.1	13.5	15.6	8.1	36.8	11.2	3.6
1996-2000	274.7	221.0	51.8	42.4	26.9	30.2	6.5	11.0	13.5	15.2	9.9	36.0	11.0	4.2
1995-1999	283.5	228.1	50.8	41.4	27.9	30.6	5.8	9.4	13.2	14.4	12.5	35.8	11.2	4.7
1994-1998	292.0	231.1	52.0	40.9	28.4	33.1	6.4	7.8	13.3	15.0	14.6	36.4	11.2	4.9
1993-1997	301.5	236.1	52.6	40.4	28.0	32.2	5.9	7.5	12.9	14.6	16.2	36.1	12.0	5.2
1992-1996	306.8	238.9	53.7	40.2	29.0	33.3	5.6	7.3	13.6	14.2	16.5	35.4	12.1	5.4
1991-1995	313.7	240.0	56.3	39.7	29.3	33.9	5.7	7.0	13.6	13.5	14.6	35.7	11.8	5.2
1990-1994	321.8	242.7	57.6	39.8	30.1	33.9	5.3	7.2	13.9	12.8	11.8	35.4	12.0	5.2
1989-1993	331.0	242.5	58.5	39.1	32.4	33.4	4.7	6.6	13.7	11.8	9.0	34.8	12.7	5.8
1988-1992	346.1	242.5	58.8	37.4	31.6	33.1	4.2	6.3	14.5	12.2	6.8	36.2	12.9	5.7
1987-1991	362.6	242.0	58.8	36.8	30.3	30.3	3.8	6.0	14.7	12.3	5.9	37.5	13.5	5.6
1986-1990	376.3	241.6	56.9	36.2	30.4	30.1	3.1	6.0	16.3	12.4	4.4	38.5	13.9	5.3
1985-1989	391.4	239.4	56.8	36.0	29.6	29.0	3.2	5.0	17.4	12.5	2.9	38.2	13.5	5.3
<b>Kent</b>														
2002-2006	267.9	206.7	48.6	49.7	30.6	20.0	14.3	13.2	16.7	18.6	5.3	40.7	10.4	3.1
2001-2005	275.1	213.5	49.4	48.8	30.5	20.4	13.1	14.1	18.3	17.7	5.2	38.9	10.2	---
2000-2004	278.7	211.2	50.4	45.5	27.2	24.8	14.5	12.8	19.9	18.3	5.1	38.3	10.5	---
1999-2003	290.0	217.1	53.5	44.5	27.9	27.2	13.9	12.1	17.9	16.9	5.2	37.6	11.5	---
1998-2002	295.9	218.4	55.6	45.0	28.2	31.6	12.6	10.1	17.6	15.6	4.8	37.7	11.7	---
1997-2001	303.4	221.4	54.9	49.2	27.5	34.0	8.8	8.7	15.3	14.3	5.2	38.9	12.1	---
1996-2000	307.8	220.2	60.5	52.4	28.8	36.4	8.5	5.0	12.4	13.8	5.9	37.5	12.6	---
1995-1999	312.5	228.7	63.4	54.2	31.8	32.9	6.8	4.0	10.8	11.9	8.0	37.8	11.9	---
1994-1998	313.3	222.5	68.9	53.9	31.2	31.5	7.4	---	11.4	12.0	9.4	35.0	11.4	3.4
1993-1997	316.8	222.3	70.0	52.8	32.7	30.2	6.9	---	10.2	11.6	10.5	35.2	11.6	4.1
1992-1996	317.1	230.6	69.2	49.3	32.0	32.4	7.0	4.4	10.2	10.7	11.7	38.0	11.7	5.5
1991-1995	322.2	230.1	66.3	46.3	30.8	32.0	7.2	---	9.8	10.7	11.5	39.6	9.9	6.1
1990-1994	331.8	229.2	68.4	45.7	29.1	34.6	5.6	4.7	8.9	11.3	9.6	38.1	11.0	6.3
1989-1993	335.8	235.8	68.5	43.4	29.6	36.8	5.0	---	7.8	11.9	7.5	41.5	11.2	6.0
1988-1992	353.1	241.2	68.5	42.7	24.7	39.9	NA	---	8.6	11.4	6.3	42.6	10.8	5.5
1987-1991	379.9	245.3	66.9	43.0	24.0	37.7	NA	---	9.0	12.6	5.0	41.0	11.3	4.6
1986-1990	405.7	244.3	67.0	40.9	22.2	40.2	NA	---	11.0	11.8	---	45.4	13.7	4.7
1985-1989	432.1	241.9	64.2	38.9	21.8	40.1	NA	---	11.8	13.6	---	46.4	13.2	4.7



TABLE F-31 (continued)  
New Castle and Sussex Counties, 1985-2006

	Diseases of the heart	Malignant neoplasms	Cerebro-vascular diseases	Chronic lower respiratory diseases	Diabetes mellitus	Influenza and pneumonia	Dementia	Alzheimer's Disease	Nephritis, nephrotic syndrome, and nephrosis	Septicemia	Human immunodeficiency virus (HIV)	Accidents (unintentional injuries)	Intentional self-harm (suicide)	Assault (homicide)
<b>New Castle</b>														
2002-2006	217.5	193.2	47.4	38.7	24.2	14.2	18.6	18.1	14.9	14.6	9.6	31.7	10.0	5.9
2001-2005	231.4	200.5	48.9	39.0	25.9	15.7	13.0	17.9	13.9	15.6	10.4	31.5	11.2	5.3
2000-2004	238.5	201.7	52.0	39.7	25.9	17.6	10.5	17.9	13.7	16.5	10.7	32.2	11.0	4.6
1999-2003	244.8	205.6	53.8	40.3	25.0	19.1	9.2	18.7	13.3	17.0	10.8	33.6	10.7	4.3
1998-2002	250.0	211.9	53.8	41.3	26.1	23.1	8.3	17.3	13.5	17.4	9.9	34.5	9.9	4.6
1997-2001	259.0	219.4	53.6	41.7	27.2	25.1	7.3	15.9	13.7	17.4	9.8	34.5	10.3	4.5
1996-2000	266.8	223.1	53.0	41.5	26.6	27.5	6.3	13.8	14.2	17.4	12.1	33.9	9.8	5.1
1995-1999	276.4	230.5	50.0	39.1	26.6	28.2	5.5	11.7	14.5	16.6	14.9	33.4	10.1	5.3
1994-1998	287.6	235.2	49.8	38.1	27.5	30.7	5.8	9.7	14.5	17.3	17.2	33.4	10.2	5.3
1993-1997	296.8	238.1	49.7	37.2	26.7	30.6	5.0	8.9	14.2	16.9	19.0	32.4	11.3	5.3
1992-1996	303.0	240.1	51.7	35.8	27.1	31.7	4.8	8.3	14.7	16.2	18.8	31.0	11.8	5.2
1991-1995	309.7	242.0	54.0	34.8	27.8	31.3	4.7	7.9	15.1	15.4	16.2	30.7	11.7	4.9
1990-1994	317.6	245.2	56.3	34.8	29.8	31.0	4.6	8.3	15.5	14.5	13.0	30.9	12.0	4.8
1989-1993	328.7	242.1	55.9	34.9	33.3	29.6	4.0	7.6	15.8	13.2	9.9	30.1	12.8	5.5
1988-1992	343.4	243.4	56.2	34.4	33.2	27.9	3.9	7.3	16.2	13.8	7.0	32.1	13.1	5.6
1987-1991	359.2	241.8	56.7	34.3	32.5	25.4	3.5	7.3	16.3	13.5	6.2	32.8	13.7	5.4
1986-1990	371.5	241.6	54.4	34.6	33.9	25.0	3.5	7.8	17.9	13.6	4.6	32.9	13.7	4.9
1985-1989	384.9	238.8	54.3	34.3	33.1	24.2	3.7	6.5	19.4	13.1	2.8	32.0	13.2	5.0
<b>Sussex</b>														
2002-2006	210.7	190.5	34.2	38.8	21.8	20.5	11.9	21.6	13.5	11.5	3.9	42.6	10.8	3.3
2001-2005	224.6	193.7	37.0	39.9	23.7	24.0	9.8	19.9	13.1	12.8	3.7	44.2	10.4	3.6
2000-2004	235.5	197.9	40.7	38.4	24.5	27.0	8.6	17.0	13.1	13.3	4.3	46.5	11.4	---
1999-2003	246.4	201.4	43.0	40.5	26.1	26.4	7.7	13.7	14.3	13.0	5.5	43.1	11.8	---
1998-2002	251.7	203.4	44.3	41.7	26.0	30.2	6.7	10.8	13.7	12.8	5.8	42.2	12.2	---
1997-2001	265.0	212.7	45.0	37.6	25.8	34.4	5.9	9.1	12.2	12.0	5.2	44.0	12.8	---
1996-2000	275.9	217.7	44.1	38.7	26.5	33.2	5.8	8.2	12.7	10.8	5.9	42.1	13.3	2.8
1995-1999	284.5	223.4	45.5	38.9	28.6	35.1	5.9	6.9	11.5	10.9	8.3	42.2	14.0	4.6
1994-1998	290.7	227.5	47.2	39.6	28.9	40.1	7.1	6.3	11.3	11.6	10.0	48.6	14.2	5.0
1993-1997	305.1	241.1	49.5	40.9	28.3	37.9	7.5	6.6	11.1	10.8	11.0	50.8	14.5	5.6
1992-1996	311.3	241.9	49.6	45.9	32.0	38.3	6.7	6.3	12.9	11.2	12.3	49.6	13.8	5.9
1991-1995	320.4	242.3	56.1	48.7	32.7	42.2	7.2	6.1	12.0	10.3	11.8	51.3	14.0	5.9
1990-1994	328.5	245.8	54.3	50.0	31.9	41.5	7.2	6.0	12.9	9.3	9.1	51.1	12.8	5.8
1989-1993	336.8	249.7	59.1	47.8	32.2	41.6	6.4	5.2	12.0	8.3	7.2	46.6	13.6	6.7
1988-1992	351.8	241.3	59.3	42.3	32.0	43.0	4.9	5.4	13.5	8.7	6.8	46.5	13.7	6.3
1987-1991	363.9	241.6	58.8	39.7	28.6	38.9	4.5	5.0	13.8	9.4	5.8	52.8	14.1	7.3
1986-1990	372.0	240.9	57.0	37.1	26.0	37.6	NA	3.6	15.2	9.8	5.4	54.8	14.0	7.3
1985-1989	386.1	239.6	59.4	38.2	25.0	35.2	NA	---	15.4	10.4	4.2	55.3	14.0	6.7

Notes:

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

Source:  
Delaware Health Statistics Center

ANDR Trend

TABLE F-32  
FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED CAUSES OF DEATH BY RACE

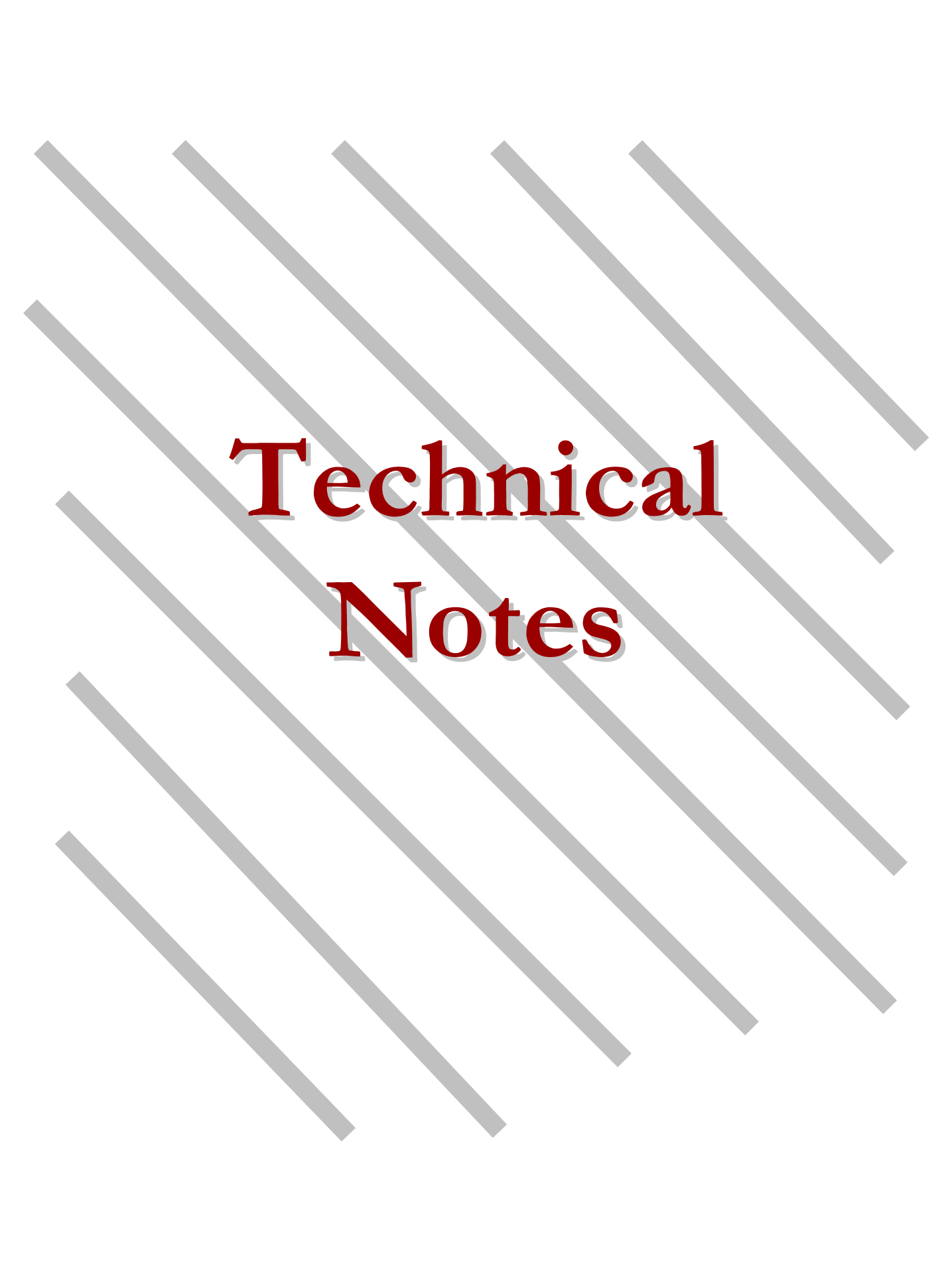
DELAWARE, 1985-2006

Race/ Year	Diseases of the heart	Malignant neoplasms	Cerebro- vascular diseases	Chronic lower respiratory diseases	Diabetes mellitus	Influenza and pneumonia	Dementia	Alzheimer's Disease	Nephritis, nephrotic syndrome, and nephrosis	Septicemia	Human immuno- deficiency virus (HIV)	Accidents (unintentional injuries)	Intentional self-harm (suicide)	Assault (homicide)
<b>White</b>														
2002-2006	215.5	189.8	41.5	41.6	21.3	16.8	15.4	18.8	12.9	12.9	2.3	37.5	11.8	2.4
2001-2005	227.7	196.2	43.1	42.0	22.6	18.7	11.8	18.4	12.4	13.7	2.3	37.0	12.5	2.6
2000-2004	235.5	197.3	46.0	41.0	22.0	21.2	10.1	17.3	12.6	14.6	2.5	37.1	12.8	2.1
1999-2003	244.9	200.2	48.5	41.9	22.3	22.5	9.4	17.0	12.1	14.3	2.6	36.9	12.9	2.0
1998-2002	250.8	205.7	49.0	42.9	22.6	26.6	8.5	15.3	11.9	14.4	2.2	37.3	12.2	2.2
1997-2001	261.3	212.1	49.2	42.6	23.4	29.1	7.3	13.8	11.0	13.9	2.0	38.1	12.8	2.2
1996-2000	269.7	213.8	49.1	43.5	23.2	30.3	6.6	11.5	11.2	13.8	3.0	37.2	12.7	2.4
1995-1999	278.6	219.7	48.0	42.5	23.8	30.5	6.1	9.8	11.3	13.0	4.7	36.1	12.7	3.1
1994-1998	286.5	222.9	48.7	42.1	24.5	32.6	6.6	8.2	11.5	13.7	5.9	36.2	12.6	3.2
1993-1997	296.8	225.6	49.2	41.9	24.1	31.3	6.2	8.0	11.4	13.3	7.2	34.8	13.4	3.5
1992-1996	301.5	228.4	50.1	41.6	24.6	32.1	5.8	7.6	12.1	13.1	8.1	33.9	13.5	3.6
1991-1995	309.1	229.7	52.5	41.1	24.7	32.9	6.0	7.4	11.7	12.5	7.7	34.1	13.2	3.7
1990-1994	317.0	232.0	54.1	41.1	25.8	33.2	5.6	7.6	11.6	12.0	6.6	34.6	13.4	3.3
1989-1993	326.1	230.0	55.2	40.0	27.4	32.5	5.1	6.9	11.5	11.3	5.6	34.0	14.2	3.9
1988-1992	340.7	230.6	55.5	38.2	27.0	32.5	4.4	6.5	12.0	11.5	4.5	35.8	14.3	3.7
1987-1991	357.9	229.5	55.1	37.7	26.2	29.8	4.0	6.2	12.3	11.5	3.9	36.8	14.9	3.8
1986-1990	371.2	230.1	53.5	36.6	26.5	29.5	3.3	6.1	14.0	11.5	3.0	37.1	15.3	3.9
1985-1989	387.4	227.9	53.3	36.5	26.3	28.3	3.4	5.2	15.0	11.6	2.0	36.3	14.7	4.0
<b>Black</b>														
2002-2006	269.6	225.9	59.2	31.4	45.7	16.8	22.4	14.0	27.6	22.5	30.7	28.9	5.1	13.3
2001-2005	284.7	232.8	62.6	31.3	49.2	17.7	15.8	13.9	26.6	23.8	33.4	31.3	5.9	11.1
2000-2004	291.0	235.3	65.5	33.5	50.3	19.8	15.0	13.8	26.5	25.0	34.6	34.4	5.5	9.6
1999-2003	292.5	249.6	65.6	33.3	49.8	19.7	10.2	12.5	27.6	28.3	35.7	36.5	4.8	8.8
1998-2002	292.6	249.8	68.9	34.6	53.3	22.7	8.6	9.6	30.1	27.7	36.0	36.9	5.0	8.9
1997-2001	303.5	265.1	68.0	35.4	52.5	25.3	5.7	8.7	31.5	28.5	35.9	35.9	4.8	8.9
1996-2000	310.5	283.7	70.4	35.4	54.9	29.9	6.0	8.2	30.9	25.8	41.8	34.0	4.0	11.6
1995-1999	321.5	302.7	71.0	34.4	58.6	31.7	NA	5.8	28.4	25.7	48.8	36.5	4.9	11.7
1994-1998	329.4	306.3	75.2	33.0	57.5	35.0	NA	---	28.1	25.2	55.5	39.9	5.4	12.4
1993-1997	330.7	326.6	77.5	31.6	56.4	37.8	NA	---	24.7	23.7	59.3	44.5	5.8	12.3
1992-1996	339.0	328.1	81.1	30.8	62.4	40.4	NA	---	24.9	21.9	57.7	44.9	5.8	12.8
1991-1995	340.8	328.2	84.3	30.3	64.5	38.2	NA	---	27.4	21.1	48.8	46.3	5.5	11.7
1990-1994	350.5	332.7	83.3	29.9	63.5	36.9	NA	---	30.6	18.6	37.7	43.8	5.1	13.7
1989-1993	364.1	343.3	83.8	32.2	71.1	39.1	NA	---	29.8	15.5	26.7	41.7	5.2	14.4
1988-1992	385.2	335.5	82.3	31.3	67.4	37.3	NA	---	33.4	16.8	19.2	41.6	6.2	15.0
1987-1991	397.8	341.5	84.8	29.9	61.7	33.2	NA	---	32.6	18.3	16.7	43.9	6.4	14.0
1986-1990	415.8	332.2	81.5	32.1	60.6	33.4	NA	---	33.6	19.5	11.9	48.5	6.9	12.2
1985-1989	422.8	328.9	82.8	31.5	56.1	33.1	NA	---	35.2	20.4	8.2	51.0	7.4	11.3

Notes:

1. Rates per 100,000, adjusted to U.S. 2000 population.
2. See Appendix E for 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 Statistics Center



# **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://www.cadsr.udel.edu/demography/consortium.htm>.

### **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.

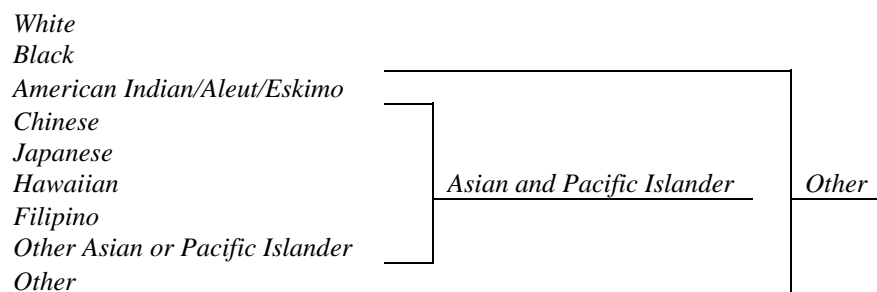
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<sup>1</sup>See Appendix A for more details.

The second method is a more sophisticated technique that statistically "adjusts" for demographic differences between populations and allows direct comparisons between overall population rates. The major disadvantages of adjusted rates are that they can be cumbersome to calculate without the aid of a computer and they only have meaning when compared to other rates adjusted in the same manner.

**RACE**

All Delaware vital records contain an item(s) regarding race. Race is self-reported in all records except on death certificates where it is provided by an informant. Although the question allows for a free form response, all race data are grouped for purposes of data analysis into the following categories established by NCHS:



The categories *Chinese*, *Japanese*, *Hawaiian*, *Filipino*, and *Other Asian or Pacific Islander* can be combined to form the category *Asian or Pacific Islander*. For purposes of this report, *American Indian/Aleut/Eskimo*, *Chinese*, *Japanese*, *Hawaiian*, *Filipino*, *Other Asian or Pacific Islander*, and *Other* have been combined to form the category *Other*.

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. In order to maintain consistency with data in the natality section, race of the mother is used for all tables in the birth cohort section.

### **HISPANIC ORIGIN**

Beginning in 1989, a specific question regarding Hispanic origin was added to the birth and death certificates. This question is considered to be separate from the Race question. Therefore, a person may report Hispanic origin in combination with any race category. The Hispanic question has two parts. The first simply asks whether the person is of Hispanic origin (Yes or No). The second part is a free-form item that asks for the specific origin (e.g., *Cuban, Mexican, Puerto Rican, etc.*).

### **MISSING INFORMATION REGARDING FATHERS**

The Delaware vital statistics law specifies that information regarding the father should not be entered on the birth certificate if the mother is single. As such, there is no information regarding the father for the vast majority of births to single mothers. However, in a few cases, information about the father was entered on the certificate when the mother was single. Some tables in the natality section (e.g., births to parents of Hispanic origin) may contain information regarding the father that includes such cases.

Beginning on January 1, 1995, a new program was instituted to allow fathers to acknowledge paternity through completion of a simple form in cases where the mother and father are not married. This form can be completed at any time up to the child's eighteenth birthday. When such acknowledgments are completed at the hospital at the time of birth, the DHSC is able to add father information to its electronic data base.

### **SOURCE OF PAYMENT FOR DELIVERY**

Beginning with the 1991 data year, the Center began obtaining information regarding the source of payment for delivery on birth certificates (private insurance, Medicaid, and self pay). However, this information was not available for all Delaware resident mothers giving birth in other states (approximately 5 percent of all

resident births). For purposes of this report, all such mothers were assigned to the private insurance category. This assignment was based on detailed analyses of the characteristics of these mothers. These analyses indicated that the demographic characteristics of these mothers very closely matched the characteristics of Delaware resident mothers who gave birth within the State and had private insurance listed as their source of payment. Furthermore, an examination of Medicaid data indicated that it is extremely rare for Medicaid mothers to give birth out-of-state.

### **2000 POPULATION STANDARD**

Beginning with the 1999 report, all mortality rates were age-adjusted using the projected 2000 U.S. population standard. All previous versions of the vital statistics report used the 1940 U.S. population standard from the census of the same year. All historical mortality data have been adjusted to the new standard to allow comparisons over time. Comparisons between rates using the old standard and the new standard are not valid and should not be made.

A more detailed explanation of the rationale for updating the population standard can be found in a special report from NCHS (Anderson and Rosenberg, 1998).

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# Appendices

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## **APPENDIX A**

### **RANDOM VARIATION**

In this report, the number of vital events represent complete counts for the U.S., Delaware and county populations. Therefore, they are not subject to sampling error, although they are subject to certain errors in the registration process such as age misreporting. However, the number of events and the corresponding rates are subject to random variation. That is, the rates that actually occurred may be considered as one of a large number of possible outcomes that could have arisen under the same circumstances (National Office of Vital Statistics, 1961). As a result, rates in a given population may tend to fluctuate from year to year even when the health of the population is unchanged. Random variation in rates based on a relatively small number of events, tends to be larger than for rates based upon events that occur more frequently. Delaware rates for some events (e.g., infant deaths) are particularly subject to such variations due to the small number of events that occur by definition in a relatively small population. Therefore, caution should be exercised when drawing conclusions about rates based on small numbers.

The issue of random variation was handled in two ways in this report. First, multi-year average rates were reported instead of annual rates. This tended to reduce the effects of random variation since the number of events in a five-year period was much larger. Second, tests of statistical significance were used to make comparisons between rates when appropriate. These statistical tests were used to determine the chance that the observed differences would occur in populations with equal rates by random variation alone. The methods used to calculate infant mortality rates are described in Appendix B.

## APPENDIX B

### METHODS FOR CALCULATION AND STATISTICAL ANALYSIS OF FIVE-YEAR AVERAGE INFANT MORTALITY RATES

Due to the small number of infant deaths in Delaware, slight year-to-year changes in the number of deaths can lead to substantial fluctuations in annual rates. In many cases, this problem makes interpretation of annual rates extremely difficult, if not impossible. Since there is far less random fluctuation in five-year average (FYA) rates, they are much better for assessing the health status of infants in Delaware.<sup>2</sup> When rolling FYA rates (e.g., rates for 1980-1984, 1981-1985, and 1982-1986) are used, the patterns of changes in infant mortality over a number of years can be determined.

A description of the methods used to calculate the running FYA rates and the statistical methodology used to compare infant mortality rates are described below.

**FIVE-YEAR AVERAGE INFANT MORTALITY RATES:** Running FYA infant, neonatal, and postneonatal mortality rates (see Definitions) were calculated by race for the U.S., Delaware, and Delaware's three counties. The rates (i.e., infant, neonatal, or postneonatal) were computed by dividing the total number of deaths over each five-year period by the total number of live births over the same five-year period and multiplying the result by 1,000.

#### STATISTICAL TESTS:

Confidence intervals for rates based on fewer than 100 deaths:

$$LCL = R_1 * L(.95, D_{adj})$$

$$UCL = R_1 * U(.95, D_{adj})$$

$$\text{where } D_{adj} = \frac{D * B}{D + B}$$

*L and U are upper and lower confidence factors based on a gamma distribution with parameter  $D_{adj}$ .*

---

<sup>2</sup>See Appendix A for a description of random variation and rationale for use of five-year average rates.



Confidence intervals for rates based 100 or more deaths:

$$R_1 \pm 1.96 * SE$$

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

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

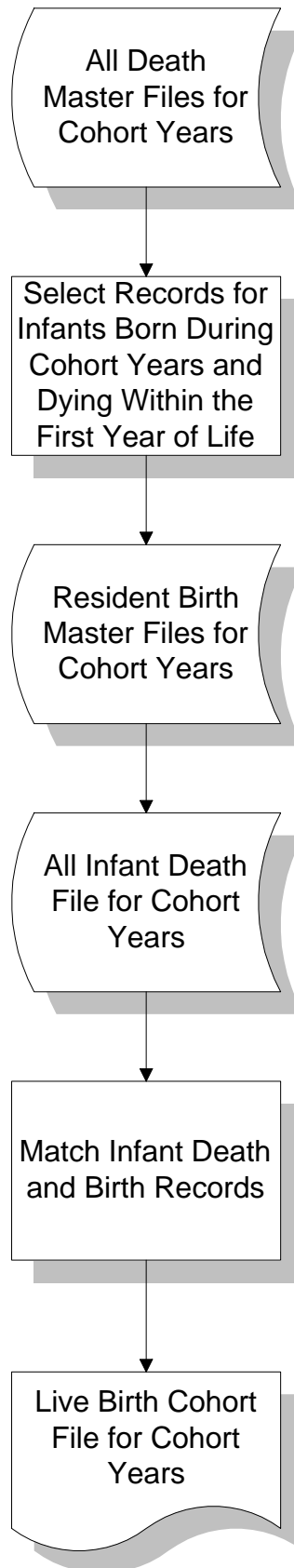
*Comparison of two infant mortality rates* - When the number of events for one or both of the rates was less than 100, comparisons between rates were based on the confidence intervals for each. If they overlapped, the difference was not significant. When the number of events for both rates was 100 or more, the following z-test was used to define a significant test statistic:

$$z = \frac{R_1 - R_2}{\sqrt{R_1^2 \left(\frac{RSE(R_1)}{100}\right)^2 + R_2^2 \left(\frac{RSE(R_2)}{100}\right)^2}}$$

If  $|z| \geq 1.96$  then the difference between the rates was statistically significant at the 0.05-level.

## APPENDIX C

### CREATION OF A LIVE BIRTH COHORT FILE



## APPENDIX D

### COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF INFANT DEATH

Cause of death	Category codes according to	
	ICD-10 <sup>1</sup>	ICD-9 <sup>2</sup>
Diarrhea and gastroenteritis of infectious origin	A09	009
Tuberculosis	A16–A19	010-018
Tetanus	A33,A35	037,771.3
Diphtheria	A36	032
Whooping cough	A37	033
Meningococcal infection	A39	036
Septicemia	A40-A41	038
Congenital syphilis	A50	090
Gonococcal infection	A54	098
Acute poliomyelitis	A80	045
Varicella (chickenpox)	B01	052
Measles	B05	055
Human immunodeficiency virus (HIV)	B20-B24	042-044
Mumps	B26	072
Candidiasis	B37	112
Malaria	B50–B54	084
Pneumocystosis	B59	136.3
Malignant Neoplasms	C00-C97	140-208
In situ, benign, and neoplasms of uncertain or unk behavior	D00-D48	210-239
Diseases of blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	135,279-289
Short stature, not elsewhere classified	E34.3	259.4
Nutritional deficiencies	E40-E64	260-269
Cystic fibrosis	E84	277.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	E86-E87	276
Meningitis	G00,G03	320-322
Infantile spinal muscular atrophy, type I	G12.0	335.0
Infantile cerebral palsy	G80	343
Anoxic brain damage, not elsewhere classified	G93.1	348.1
Diseases of the ear and mastoid process	H60-H93	380-389
Diseases of the circulatory system	I00-I99	390-434,436-459
Acute upper respiratory infections	J00-J06	034.0,460-465
Influenza and pneumonia	J10-J18	480-487
Acute bronchitis and bronchiolitis	J20-J21	466
Bronchitis, chronic and unspecified	J40-J42	490-491
Asthma	J45-J46	493
Pneumonitis due to solids and liquids	J69	507
Gastritis, duodenitis, and noninfective enteritis and colitis	K29,K50-K55	535,555-558
Hernia of abdominal cavity and intestinal obstruction without hernia	K40-K46,K56	550-553,560
Renal failure and other disorders of kidney	N17-N19,N25,N27	584-589
Newborn affected by maternal hypertensive disorders	P00.0	760.0
Newborn affected by other maternal conditions which may be unrelated to present pregnancy	P00.1-P00.9	760.1-760.6,760.8-760.9
Newborn affected by maternal complications of pregnancy	P01	761
Newborn affected by complications of placenta, cord, and membranes	P02	762

## APPENDIX D (cont.)

### COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF INFANT DEATH

Cause of death	Category codes according to	
	ICD-10 <sup>1</sup>	ICD-9 <sup>2</sup>
Newborn affected by other complications of labor and delivery	P03	763.0-763.4,763.6-763.9
Newborn affected by noxious influences transmitted via placenta or breast milk	P04	760.7,763.5
Slow fetal growth and fetal malnutrition	P05	764
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	765
Disorders related to long gestation and high birth weight	P08	766
Birth trauma	P10-P15	767
Intrauterine hypoxia and birth asphyxia	P20-P21	768
Respiratory distress of newborn	P22	769
Congenital pneumonia	P23	770.0
Neonatal aspiration syndrome	P24	770.1
Interstitial emphysema and related conditions originating in the perinatal period	P25	770.2
Pulmonary hemorrhage originating in the perinatal period	P26	770.3
Chronic respiratory disease originating in the perinatal period	P27	770.7
Atelectasis	P280.-P28.1	770.4-770.5
Bacterial sepsis of newborn	P36	771.8
Omphalitis of newborn with or without mild hemorrhage	P38	771.4
Neonatal hemorrhage	P50-P52,P54	772
Hemorrhagic disease of newborn	P53	776.0
Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice	P55-P59	773-774
Hematological disorders	P60-P61	776.1-776.9
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	P70.0-P70.2	775.0-775.1
Necrotizing enterocolitis of newborn	P77	777.5
Hydrops fetalis not due to hemolytic disease	P83.2	778.0
Congenital malformations, deformations, and chromosomal abnormalities	Q00-Q99	740-759
Sudden infant death syndrome	R95	798.0
Accidents	V01-X59	800-869,880-929
Homicide	X85-Y09	960-968
Complications of medical and surgical care	Y40-Y84,Y88	E870-E879,E930-E949

1. International Classification of Diseases, Tenth Revision.

2. International Classification of Diseases, Ninth Revision.

## APPENDIX E

### COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF DEATH

Cause of death	Category codes according to	
	ICD-10 <sup>1</sup>	ICD-9 <sup>2</sup>
Salmonella infections	A01-A02	002-003
Shigellosis and amebiasis	A03,A06	004,006
Tuberculosis	A16–A19	010-018
Whooping cough	A37	033
Scarlet fever and erysipelas	A38,A46	034.1-035
Meningococcal infection	A39	036
Septicemia	A40-A41	038
Syphilis	A50–A53	090-097
Acute poliomyelitis	A80	045
Arthropod-borne viral encephalitis	A83-A84,A85.2	062-064
Measles	B05	055
Viral hepatitis	B15–B19	070
Human immunodeficiency virus (HIV)	B20-B24	042-044
Malaria	B50–B54	084
Malignant Neoplasms	C00-C97	140-208
In situ, benign, and neoplasms of uncertain or unk behavior	D00-D48	210-239
Anemias	D50-D64	280-285
Diabetes mellitus	E10-E14	250
Nutritional deficiencies	E40-E64	260-269
Meningitis	G00,G03	320-322
Parkinson's disease	G20-G21	332
Alzheimer's Disease	G30	331.0
Diseases of the Heart	I00-I09, I11, I13, I20-I51	390-398, 402, 404, 410-429
Essential (primary) hypertension and hypertensive renal disease	I10, I12	401, 403
Cerebrovascular Diseases	I60-I69	430-434, 436-438
Atherosclerosis	I70	440
Aortic aneurysm and dissection	I71	441
Influenza and pneumonia	J10-J18	480-487
Acute bronchitis and bronchiolitis	J20-J21	466
Chronic Lower Respiratory Diseases	J40-J47	490-494, 496
Pneumoconioses and chemical effects	J60-J66,J68	500-506
Pneumonitis due to solids and liquids	J69	507
Peptic ulcer	K25-K28	531-534
Disease of the appendix	K35-K38	540-543
Hernia	K40-K46	550-553
Chronic liver disease and cirrhosis	K70, K73-K74	571
Cholelithiasis and other disorders of gallbladder	K80-K82	574-575
Nephritis, nephrotic syndrome, and nephrosis	N00-N07, N17-N19, N25-N27	580-589
Infections of kidney	N10-N12,N13.6,N15.1	590
Hyperplasia of prostate	N40	600
Inflammatory disease of female pelvic organs	N70-N76	614-616
Pregnancy, childbirth and the puerperium	O00-O99	630-676
Certain conditions originating in the perinatal period	P00-P96	760-771.2, 771.4-779

## APPENDIX E (cont.)

### COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF DEATH

Cause of death	Category codes according to	
	ICD-10 <sup>1</sup>	ICD-9 <sup>2</sup>
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	740-759
Accidents (unintentional injuries)	V01-X59, Y85-Y86	E800-E869, E880-E929
Intentional self-harm (suicide)	X60-X84, Y87.0	E950-E959
Assault (Homicide)	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)		
<b>CERTIFIER</b>	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:				
<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)  <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, LL.B., JD)		21. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina)  <input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican, Mexican American, Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____		22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)  <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____  Predominant Race _____	
	MOTHER'S MEDICAL RECORD NO. _____					
<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)  <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, LL.B., JD)		24. FATHER OF HISPANIC ORIGIN? (Check the box that best describes whether the father is Spanish/Hispanic/Latino. Check the "No" box if father is not Spanish/Hispanic/Latino)  <input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican, Mexican American, Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____		25. FATHER'S RACE (Check one or more races to indicate what the father considers himself to be)  <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____  Predominant Race _____	
	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: _____	
STATE OFFICE USE ONLY						
DPH REV 4/2005						

## 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)			
	34. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? <input type="checkbox"/> YES <input type="checkbox"/> NO		35. NUMBER OF PREVIOUS LIVE BIRTHS (Do not include this child)		36. NUMBER OF OTHER PREGNANCY OUTCOMES (Spontaneous or induced losses or ectopic pregnancies)			
	35a. Now Living Number <input type="checkbox"/> None		35b. Now Dead Number <input type="checkbox"/> None		36a. OTHER PREGNANCY OUTCOMES NUMBER <input type="checkbox"/> None			
35c. DATE OF LAST LIVE BIRTH MM / DD / YYYY		36b. DATE OF LAST OTHER PREGNANCY OUTCOME MM / DD / YYYY		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 _____		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) _____		
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		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		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		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	
	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		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		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			
	48. NEWBORN MEDICAL RECORD NUMBER		49. BIRTHWEIGHT (grams preferred, specify unit) _____ <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		50. OBSTETRIC ESTIMATE OF GESTATION ____ (completed weeks)		51. APGAR SCORE Score at 5 minutes _____ <b>If 5 minute score is less than 6,</b> Score at 10 minutes _____	
	52. PLURALITY - Single, Twin, Triplet, etc. (Specify) _____		53. IF NOT SINGLE BIRTH - Born first, second, third, etc. (Specify) _____		54. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Assisted ventilation required immediately following delivery <input type="checkbox"/> Assisted ventilation required for more than six Hours <input type="checkbox"/> NICU admission <input type="checkbox"/> Newborn given surfactant replacement therapy <input type="checkbox"/> Antibiotics received by the newborn for suspected neonatal sepsis <input type="checkbox"/> Seizure or serious neurologic dysfunction <input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention) <input type="checkbox"/> None of the above		55. CONGENITAL ANOMALIES OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Anencephaly <input type="checkbox"/> Meningocele/Spina bifida <input type="checkbox"/> Cyanotic congenital heart disease <input type="checkbox"/> Congenital diaphragmatic hernia <input type="checkbox"/> Omphalocele <input type="checkbox"/> 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	
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

DOC. NO.  
35-05-20-96/07/03

**CERTIFICATE OF DEATH**  
*State of Delaware* (107)

STATE FILE NUMBER

LOCAL REG NO.

DEPARTMENT OF HEALTH AND SOCIAL SERVICES

STATE FILE NUMBER

<b>DECEDENT</b>			
1. DECEDENT'S NAME (FIRST, MIDDLE, LAST)		2. SEX	3. DATE OF DEATH (MO., DAY, YR)
4. SOCIAL SECURITY NO.	5A. AGE (YRS)	5B. UNDER 1 YEAR MONTHS	5C. UNDER 1 DAY HOURS
6. DATE OF BIRTH (MO., DAY, YR)		7. BIRTHPLACE (CITY AND STATE OR FOREIGN COUNTRY)	
8. WAS DECEDENT EVER IN U.S. ARMED FORCES? <input type="checkbox"/> YES <input type="checkbox"/> NO	9. ANATOMICAL GIFT <input type="checkbox"/> CONSENT GRANTED <input type="checkbox"/> NOT GRANTED	10A. PLACE OF DEATH (CHECK ONLY ONE. SEE INSTRUCTIONS ON OTHER SIDE) HOSPITAL <input type="checkbox"/> INPATIENT <input type="checkbox"/> ER/OUTPATIENT <input type="checkbox"/> DOA <input type="checkbox"/> HOME <input type="checkbox"/> RESIDENCE <input type="checkbox"/> OTHER (SPECIFY)	
10B. FACILITY NAME (IF NOT INSTITUTION GIVE STREET AND NUMBER)		10C. CITY, TOWN, OR LOCATION OF DEATH	
11. MARITAL STATUS — MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (SPEC.)		12. MOST RECENT SPOUSE <input type="checkbox"/> LIVING <input type="checkbox"/> DECEASED (MAIDEN NAME IF WIFE)	13A. DECEDENT'S USUAL OCCUPATION (KIND OF WORK DURING MOST OF WORKING LIFE. DO NOT USE RETIRED)
13B. KIND OF BUSINESS/INDUSTRY			
14A. RESIDENCE — STATE	14B. COUNTY	14C. CITY, TOWN, OR LOCATION	14D. STREET AND NUMBER
14E. INSIDE CITY LIMITS? (YES OR NO)	14F. ZIP CODE	15. WAS DECEDENT OF HISPANIC ORIGIN? (SPECIFY NO OR YES. SPECIFY CUBAN, MEXICAN, PUERTO RICAN, ETC. <input type="checkbox"/> NO <input type="checkbox"/> YES (Specify))	
16. RACE — AMERICAN INDIAN, BLACK, WHITE, ETC. (SPECIFY)		17. DECEDENT'S EDUCATION (SPECIFY ONLY HIGHEST GRADE COMPLETED) ELEMENTARY/SECONDARY (0-12) <input type="checkbox"/> COLLEGE (1-4 OR 5+)	
18. FATHER'S NAME (FIRST, MIDDLE, LAST)		19. MOTHER'S NAME (FIRST, MIDDLE, MAIDEN SURNAME)	
<b>PARENTS</b>			
20A. INFORMANT'S NAME (PRINT)		20B. MAILING ADDRESS (STREET AND NUMBER OR RURAL ROUTE NUMBER, CITY OR TOWN, STATE, ZIP CODE)	
<b>INFORMANT</b>			
21A. METHOD OF DISPOSITION <input type="checkbox"/> BURIAL <input type="checkbox"/> CREMATION <input type="checkbox"/> ANATOMICAL GIFT <input type="checkbox"/> REMOVED <input type="checkbox"/> OTHER (SPECIFY)		21B. PLACE OF DISPOSITION (NAME OF CEMETERY, CREMATORY, OR OTHER PLACE)	21C. LOCATION (CITY, TOWN, STATE)
<b>DISPOSITION</b>			
22A. SIGNATURE OF FUNERAL HOME		22B. LICENSE NUMBER (OF LICENSEE)	23. NAME AND ADDRESS OF FACILITY
24. REGISTRAR'S SIGNATURE		25. DATE FILED (MO., DAY, YR)	
<b>PRONOUNCING OFFICIAL</b>			
COMPLETE ITEMS 26 A-C ONLY WHEN CERTIFYING PHYSICIAN IS NOT AVAILABLE AT TIME OF DEATH TO CERTIFY CAUSE OF DEATH.		26A. TO THE BEST OF MY KNOWLEDGE DEATH OCCURRED AT THE TIME, DATE, AND PLACE STATED	26B. LICENSE NUMBER
27. TIME OF DEATH <input type="checkbox"/> AM <input type="checkbox"/> PM		28. DATE PRONOUNCED DEAD (MO., DAY, YR.)	29. WAS CASE REFERRED TO MEDICAL EXAMINER? (YES OR NO)
30A. CERTIFIER (CHECK ONLY ONE)		<input type="checkbox"/> <b>CERTIFYING PHYSICIAN</b> (Physician certifying cause of death when another physician has pronounced death and completed item 26) To the best of my knowledge, death occurred due to the cause(s) and manner as stated.	
		<input type="checkbox"/> <b>PRONOUNCING AND CERTIFYING PHYSICIAN</b> (Physician both pronouncing death and certifying the cause of death) To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.	
		<input type="checkbox"/> <b>MEDICAL EXAMINER</b> 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 as stated.	
30B. SIGNATURE AND TITLE OF CERTIFIER		30C. LICENSE NUMBER	30D. DATE SIGNED (MO., DAY, YR.)
31. NAME AND ADDRESS OF CERTIFIER WHO COMPLETED CAUSE OF DEATH (TYPE/PRINT)			
32A. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> YES <input type="checkbox"/> NO		33. MANNER OF DEATH <input type="checkbox"/> NATURAL <input type="checkbox"/> ACCIDENT <input type="checkbox"/> SUICIDE <input type="checkbox"/> HOMICIDE <input type="checkbox"/> PENDING INVESTIGATION <input type="checkbox"/> UNDETERMINED	34. INJURY AT WORK? <input type="checkbox"/> YES <input type="checkbox"/> NO
32B. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? <input type="checkbox"/> YES <input type="checkbox"/> NO		35. DATE OF INJURY (MO., DAY, YR.)	36. TIME OF INJURY <input type="checkbox"/> AM <input type="checkbox"/> PM
37. DESCRIBE HOW INJURY OCCURRED		38. PLACE OF INJURY (AT HOME, FARM, STREET, FACTORY, OFFICE BUILDING, ETC. (SPECIFY))	
39. LOCATION (STREET AND NUMBER OR RURAL ROUTE NUMBER, CITY OR TOWN, STATE)		APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH	
40. <b>PART I</b> DO NOT ENTER THE MODE OF DYING SUCH AS CARDIAC OR RESPIRATORY ARREST, SHOCK, OR HEART FAILURE. LIST ONLY ONE CAUSE PER EACH LINE.			
IMMEDIATE CAUSE (FINAL DISEASE, INJURY OR CONDITION THAT IN YOUR OPINION CAUSED THE DEATH)		IMMEDIATE CAUSE (A)	
		DUE TO (B)	
SEQUENTIALLY LIST CONDITIONS, IF ANY, LEADING TO IMMEDIATE CAUSE. ENTER UNDERLYING CAUSE (DISEASE OR INJURY WHICH INITIATED EVENTS RESULTING IN DEATH) LAST		DUE TO (C)	
		DUE TO (D)	
<b>PART II</b> OTHER SIGNIFICANT CONDITIONS— CONTRIBUTING TO CAUSE OF DEATH			

REV. 8/96

(1) ORIGINAL COPY—STATE

TO FUNERAL DIRECTOR: After certificate has been signed by attending physician and completely filled in by funeral director, remove carbons, file parts 1 and 2 with Registrar within 72 hrs. after death and then use Burial-Transit Permit for disposition of body.

ITEMS 27-29 MUST BE COMPLETED BY PHYSICIAN OR HOSPICE NURSE WHO PRONOUNCES DEATH

SEE DEFINITION ON OTHER SIDE

TO HOSPITAL OR PHYSICIAN — DELAWARE LAW REQUIRES THAT THE DEATH CERTIFICATE BE EXECUTED WITHIN 72 HOURS AFTER DEATH

DRAFT

# 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)
	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) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown		13b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 13b) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown	
	13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death	
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
		13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
		13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<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 SIGNATURE ➤ _____			16b. DATE SIGNED _____
	16c. MAILING ADDRESS _____			
MOTHER'S MEDICAL RECORD NO	17a. NAME OF CEMETARY OR CREMATORY		17b. LOCATION (CITY, TOWN, COUNTY) (STATE)	
	18a. DATE RECEIVED BY REGISTRAR	18b. REGISTRAR'S SIGNATURE ➤ _____	19. FUNERAL DIRECTOR'S SIGNATURE _____ ADDRESS _____	

## APPENDIX H (cont.)

### STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

<b>MOTHER</b>	20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery) <ul style="list-style-type: none"> <li><input type="checkbox"/> 8th grade or less</li> <li><input type="checkbox"/> 9th - 12th grade, no diploma</li> <li><input type="checkbox"/> High school graduate or GED completed</li> <li><input type="checkbox"/> Some college credit but no degree</li> <li><input type="checkbox"/> Associate degree (e.g., AA, AS)</li> <li><input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS)</li> <li><input type="checkbox"/> Master's degree (e.g., MA, MS, MEd, MEd, MSW, MBA)</li> <li><input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)</li> </ul>	21. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina) <ul style="list-style-type: none"> <li><input type="checkbox"/> No, not Spanish/Hispanic/Latina</li> <li><input type="checkbox"/> Yes, Mexican, Mexican American, Chicana</li> <li><input type="checkbox"/> Yes, Puerto Rican</li> <li><input type="checkbox"/> Yes, Cuban</li> <li><input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____</li> </ul>	22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be) <ul style="list-style-type: none"> <li><input type="checkbox"/> White</li> <li><input type="checkbox"/> Black or African American</li> <li><input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____</li> <li><input type="checkbox"/> Asian Indian</li> <li><input type="checkbox"/> Chinese</li> <li><input type="checkbox"/> Filipino</li> <li><input type="checkbox"/> Japanese</li> <li><input type="checkbox"/> Korean</li> <li><input type="checkbox"/> Vietnamese</li> <li><input type="checkbox"/> Other Asian (Specify) _____</li> <li><input type="checkbox"/> Native Hawaiian</li> <li><input type="checkbox"/> Guamanian or Chamorro</li> <li><input type="checkbox"/> Samoan</li> <li><input type="checkbox"/> Other Pacific Islander (Specify) _____</li> <li><input type="checkbox"/> Other (Specify) _____</li> </ul> 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 <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">                     30a. Now Living                      Number _____  <input type="checkbox"/> None                 </td> <td style="width: 50%; border: none;">                     30b. Now Dead                      Number _____  <input type="checkbox"/> None                 </td> </tr> </table>	30a. Now Living Number _____ <input type="checkbox"/> None	30b. Now Dead Number _____ <input type="checkbox"/> None	31. NUMBER OF OTHER PREGNANCY OUTCOMES (spontaneous or induced losses or ectopic pregnancies) <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">                     31a. Other Outcomes                      Number (Do not include this fetus) _____  <input type="checkbox"/> None                 </td> <td style="width: 50%; border: none;">                     32. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY                      For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. IF NONE, ENTER "0".                      Average number of cigarettes or packs of cigarettes smoked per day  <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Three Months Before Pregnancy</td> <td style="width: 10%; border: none;"># of cigarettes</td> <td style="width: 10%; border: none;">OR</td> <td style="width: 10%; border: none;"># of packs</td> </tr> <tr> <td style="border: none;">First Three Months of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">Second Three Months of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">Third Trimester of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> </table> </td> </tr> </table>	31a. Other Outcomes Number (Do not include this fetus) _____ <input type="checkbox"/> None	32. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. IF NONE, ENTER "0". Average number of cigarettes or packs of cigarettes smoked per day <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Three Months Before Pregnancy</td> <td style="width: 10%; border: none;"># of cigarettes</td> <td style="width: 10%; border: none;">OR</td> <td style="width: 10%; border: none;"># of packs</td> </tr> <tr> <td style="border: none;">First Three Months of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">Second Three Months of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">Third Trimester of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> </table>	Three Months Before Pregnancy	# of cigarettes	OR	# of packs	First Three Months of Pregnancy	_____	OR	_____	Second Three Months of Pregnancy	_____	OR	_____	Third Trimester of Pregnancy	_____	OR	_____	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) _____
30a. Now Living Number _____ <input type="checkbox"/> None	30b. Now Dead Number _____ <input type="checkbox"/> None																							
31a. Other Outcomes Number (Do not include this fetus) _____ <input type="checkbox"/> None	32. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. IF NONE, ENTER "0". Average number of cigarettes or packs of cigarettes smoked per day <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Three Months Before Pregnancy</td> <td style="width: 10%; border: none;"># of cigarettes</td> <td style="width: 10%; border: none;">OR</td> <td style="width: 10%; border: none;"># of packs</td> </tr> <tr> <td style="border: none;">First Three Months of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">Second Three Months of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">Third Trimester of Pregnancy</td> <td style="border: none;">_____</td> <td style="border: none;">OR</td> <td style="border: none;">_____</td> </tr> </table>	Three Months Before Pregnancy	# of cigarettes	OR	# of packs	First Three Months of Pregnancy	_____	OR	_____	Second Three Months of Pregnancy	_____	OR	_____	Third Trimester of Pregnancy	_____	OR	_____							
Three Months Before Pregnancy	# of cigarettes	OR	# of packs																					
First Three Months of Pregnancy	_____	OR	_____																					
Second Three Months of Pregnancy	_____	OR	_____																					
Third Trimester of Pregnancy	_____	OR	_____																					
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) <ul style="list-style-type: none"> <li>Diabetes                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Pre-pregnancy (Diagnosis prior to this pregnancy)</li> <li><input type="checkbox"/> Gestational (Diagnosis in this pregnancy)</li> </ul> </li> <li>Hypertension                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Pre-pregnancy (Chronic)</li> <li><input type="checkbox"/> Gestational (PIH, preeclampsia)</li> <li><input type="checkbox"/> Eclampsia</li> </ul> </li> <li><input type="checkbox"/> Previous preterm birth</li> <li><input type="checkbox"/> Other previous poor pregnancy outcome (Includes perinatal death, small-for-gestational age/intrauterine growth restricted birth)</li> <li><input type="checkbox"/> Pregnancy resulted from infertility treatment. If yes, check all that apply:                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination</li> <li><input type="checkbox"/> Assisted reproductive technology (e.g., in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))</li> </ul> </li> <li><input type="checkbox"/> Mother had a previous cesarean delivery                          If yes, how many _____</li> <li><input type="checkbox"/> None of the above</li> </ul>		38. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all that apply) <ul style="list-style-type: none"> <li><input type="checkbox"/> Gonorrhea</li> <li><input type="checkbox"/> Syphilis</li> <li><input type="checkbox"/> Chlamydia</li> <li><input type="checkbox"/> Listeria</li> <li><input type="checkbox"/> Group B Streptococcus</li> <li><input type="checkbox"/> Cytomegalovirus</li> <li><input type="checkbox"/> Parvovirus</li> <li><input type="checkbox"/> Toxoplasmosis</li> <li><input type="checkbox"/> None of the above</li> <li><input type="checkbox"/> Other (Specify) _____</li> </ul>																					
	39. METHOD OF DELIVERY <ul style="list-style-type: none"> <li>A. Was delivery with forceps attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No</li> <li>B. Was delivery with vacuum extraction attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No</li> <li>C. Fetal presentation at delivery                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Cephalic</li> <li><input type="checkbox"/> Breech</li> <li><input type="checkbox"/> Other</li> </ul> </li> <li>D. Final route and method of delivery (Check one)                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Vaginal/Spontaneous</li> <li><input type="checkbox"/> Vaginal/Forceps</li> <li><input type="checkbox"/> Vaginal/Vacuum</li> <li><input type="checkbox"/> Cesarean</li> </ul>                         If cesarean, was a trial of labor attempted?  <input type="checkbox"/> Yes <input type="checkbox"/> No                     </li> <li>E. Hysterotomy/Hysterectomy <input type="checkbox"/> Yes <input type="checkbox"/> No</li> </ul>	40. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery) <ul style="list-style-type: none"> <li><input type="checkbox"/> Maternal transfusion</li> <li><input type="checkbox"/> Third or fourth degree perineal laceration</li> <li><input type="checkbox"/> Ruptured uterus</li> <li><input type="checkbox"/> Unplanned hysterectomy</li> <li><input type="checkbox"/> Admission to intensive care unit</li> <li><input type="checkbox"/> Unplanned operating room procedure following delivery</li> <li><input type="checkbox"/> None of the above</li> </ul>		41. CONGENITAL ANOMALIES OF THE FETUS (Check all that apply) <ul style="list-style-type: none"> <li><input type="checkbox"/> Anencephaly</li> <li><input type="checkbox"/> Meningocele/Spina bifida</li> <li><input type="checkbox"/> Cyanotic congenital heart disease</li> <li><input type="checkbox"/> Congenital diaphragmatic hernia</li> <li><input type="checkbox"/> Omphalocele</li> <li><input type="checkbox"/> Gastrochisis</li> <li><input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes)</li> <li><input type="checkbox"/> Cleft Lip with or without Cleft Palate</li> <li><input type="checkbox"/> Cleft Palate alone</li> <li><input type="checkbox"/> Down Syndrome                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Karyotype confirmed</li> <li><input type="checkbox"/> Karyotype pending</li> </ul> </li> <li><input type="checkbox"/> Suspected chromosomal disorder                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Karyotype confirmed</li> <li><input type="checkbox"/> Karyotype pending</li> </ul> </li> <li><input type="checkbox"/> Hypospadias</li> <li><input type="checkbox"/> None of the anomalies listed above</li> </ul>																				

## 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/U/unk)
	5a. CITY, TOWN, OR LOCATION OF DELIVERY		7. PLACE WHERE DELIVERY OCCURRED (Check one)	
	5b. ZIP CODE OF DELIVERY		8. FACILITY NAME (if not institution, give street and number)	
	6. COUNTY OF DELIVERY		9. FACILITY ID (NPI)	
		<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) _____		
<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		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) _____		<input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____	
	Other Obstetrical or Pregnancy Complications (Specify) _____		Other Obstetrical or Pregnancy Complications (Specify) _____	
	Fetal Anomaly (Specify) _____		Fetal Anomaly (Specify) _____	
	Fetal Injury (Specify) _____		Fetal Injury (Specify) _____	
	Fetal Infection (Specify) _____		Fetal Infection (Specify) _____	
	Other Fetal Conditions/Disorders (Specify) _____		Other Fetal Conditions/Disorders (Specify) _____	
	<input type="checkbox"/> Unknown		<input type="checkbox"/> Unknown	
13c. WEIGHT OF FETUS (grams preferred, specify unit)		13e. ESTIMATED TIME OF FETAL DEATH		
<input type="checkbox"/> grams <input type="checkbox"/> lb/oz		<input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
		13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		
		13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<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>	
<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 OFFICIANT - 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		<b>CERTIFICATE OF MARRIAGE</b>				STATE FILE NUMBER
		<b>State of Delaware</b>				
		DIVISION OF PUBLIC HEALTH				
LOCAL REGISTRAR'S NO.	LICENSE NO.	58801		NO. LICENSE APPLICATION	PLACE LICENSE ISSUED	
<b>GROOM</b>				<b>BRIDE</b>		
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 <input checked="" type="checkbox"/>				SIGNATURE OF BRIDE <input checked="" type="checkbox"/>		
FATHER	NAME	FIRST	MIDDLE	LAST	FATHER	NAME FIRST MIDDLE LAST
	BIRTHPLACE (STATE OR FOREIGN COUNTRY)				BIRTHPLACE (STATE OR FOREIGN COUNTRY)	
MOTHER	MAIDEN NAME	FIRST	MIDDLE	LAST	MOTHER	MAIDEN NAME FIRST MIDDLE LAST
	BIRTHPLACE (STATE OR FOREIGN COUNTRY)				BIRTHPLACE (STATE OR FOREIGN COUNTRY)	
<p>I hereby certify that on the _____ day of _____, 19____, _____ M. _____ HOUR</p> <p>the aforementioned persons were by me united in marriage at _____ (CITY, TOWN, OR LOCATION)</p> <p>County of _____, in accordance with the Laws of the State of Delaware.</p> <p>Signature of Clergy or Other Official ▶ _____ TITLE _____</p> <p>RESIDENCE-STATE _____ COUNTY _____</p> <p>Witnesses (two are required.)</p> <p>1. NAME _____ RESIDENCE _____</p> <p>2. NAME _____ RESIDENCE _____</p> <p>3. NAME _____ RESIDENCE _____</p> <p>REGISTRAR'S SIGNATURE _____ DATE RECEIVED BY LOCAL REGISTRAR _____</p>						

VALID ONLY IN THE STATE OF DELAWARE

STATE FILE COPY

	Number of this Marriage - 1st, 2nd, etc. (Specify below)	If Previously Married			Race/American Indian, Black, White, etc. (Specify below)	Education (Specify highest grade completed)	
		Date of First Marriage (Mth./Day/Year)	Last Marriage Ended by Death, Divorce or Annul. (Specify below)	Last Marriage Ended on: Mth./Day/Year		Elementary/Secondary (0-12)	College (1-4 or 5+)
<b>GROOM</b>							
<b>BRIDE</b>							



# 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"/> Dilation and Evacuation (D&E) <input type="checkbox"/> Intra-Uterine Instillation (Saline or Prostaglandin) <input type="checkbox"/> Sharp Curettage (D&C) <input type="checkbox"/> Hysterotomy/Hysterectomy <input type="checkbox"/> Other (Specify) _____					

(Instructions on back)

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

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



## REFERENCES

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