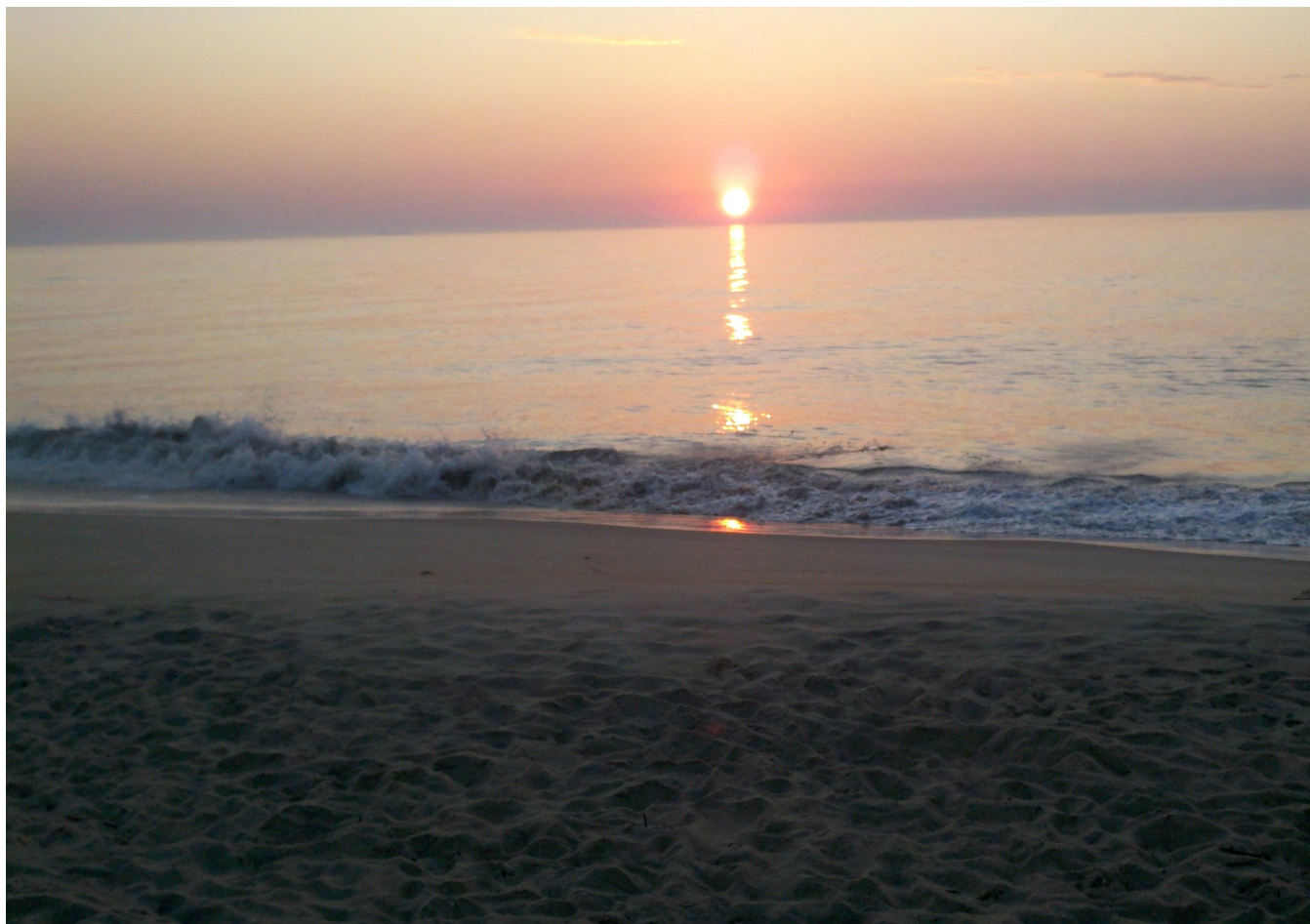


DELAWARE VITAL STATISTICS ANNUAL REPORT, 2009



DELAWARE HEALTH AND SOCIAL SERVICES
Division of Public Health

Fall 2011
Delaware Health Statistics Center

Selected Characteristics: Delaware Vital Statistics Annual Report, 2009

Population	Number*	Percent	First Trimester Care	Number*	Percent
Delaware	885,131	100.0%	White	5,789	76.4%
Kent	157,740	17.8%	Black	2,246	70.7%
New Castle	534,636	60.4%	Hispanic Origin ⁴	917	55.3%
Sussex	192,755	21.8%	Delaware	8,519	74.9%
			Kent	1,611	71.3%
			New Castle	5,507	81.1%
			Sussex	1,401	60.5%
Marriages	Number*	5-yr Rate ¹	Fetal Deaths	Number*	Percent
Delaware	4,772	5.7	Delaware	66	100.0%
Kent	930	6.4	Kent	7	10.6%
New Castle	2,491	5.0	New Castle	45	68.2%
Sussex	1,351	7.4	Sussex	14	21.2%
Divorces	Number*	5-yr Rate ¹	Race		
Delaware	3,169	3.7	White	35	53.0%
Kent	694	4.6	Black	28	42.4%
New Castle	1,795	3.4	Hispanic Origin ⁴	9	13.6%
Sussex	680	3.8			
Live Births	Number*	5-yr Rate ²	Infant Mortality	Number*	5-yr Rate ⁵
Delaware	11,369	67.6	Delaware	91	8.3
Kent	2,258	69.1	Kent	18	7.1
New Castle	6,794	64.3	New Castle	57	9.0
Sussex	2,317	78.1	Sussex	16	7.2
Births to Teenagers (15-19)			Race		
White	580	34.6	White	30	5.7
Black	474	63.8	Black	54	15.6
Delaware	1,067	41.6	Hispanic Origin ⁴	8	7.5
Kent	206	42.7			
New Castle	602	36.3			
Sussex	259	58.6			
Race	Number*	Percent	Mortality	Number*	Adj. Rate ⁶
White	7,573	66.6%	Delaware	7,498	730.3
Black	3,178	28.0%	Kent	1,379	866.7
Hispanic Origin ⁴	1,659	14.6%	New Castle	4,100	723.5
Marital Status			Sussex	2,019	680.7
Married	5,935	52.2%	Race and Gender		
Single	5,434	47.8%	White Males	3,012	837.3
Births to Single Mothers³			White Females	3,101	602.3
White	3,046	40.2%	Black Males	652	1027.5
Black	2,283	71.8%	Black Females	618	713.7
Hispanic Origin ⁴	1,078	65.0%	Leading Causes of Death	Number*	Percent
Low Birth Weight (<2500 gms)			Malignant neoplasms	1,801	24.0%
All Races	978	8.6%	Diseases of heart	1,784	23.8%
White	509	6.7%	Chronic lower respiratory diseases	429	5.7%
Black	418	13.2%	Cerebrovascular diseases	412	5.5%
Hispanic Origin ⁴	101	6.1%	Dementia	404	5.4%

Notes:

* Numbers are for 2009.

1. The 5-year rate is per 1,000 population and refers to the period 2005-2009.

2. The 5-year rate refers to total live births per 1,000 women 15-44 years of age during the 2005-2009 period.

3. Percentages for births to single mothers are based on total births for the race-group.

4. People of Hispanic origin may be of any race. The percentage is based on total resident births for 2009.

5. The 5-year (2005-2009) infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.

6. The 2009 mortality rates (deaths per 100,000 population) for Delaware and counties are age-adjusted to the 2000 U.S. population.

SUMMARY

Jack Markell, Governor
State of Delaware

Rita M. Landgraf, Secretary
Delaware Health and Social Services

Delaware Vital Statistics Annual Report, 2009



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PREFACE

I am pleased to present the 2009 Vital Statistics Annual Report, issued by the Division of Public Health's Delaware Health Statistics Center.

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

The 2009 Delaware Vital Statistics Annual Report presents a wide variety of data and statistics that can assist us in this endeavor. Information in this report identifies racial differences, such as the large disparity between black and white mortality rates for HIV, homicide, diabetes, kidney disease, and hypertension; it presents health indicators such as life expectancy, the leading causes of death, teen birth rates, general fertility rates, and infant mortality rates; and it provides historical data that demonstrate movement over time.

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

Karyl Thomas Rattay MD, MS, FAAP,
FACPM

A handwritten signature in black ink, appearing to read "K. Rattay MD". The signature is stylized with a large, looped initial "K" and a cursive "Rattay" followed by "MD".

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, Rosemary Zimmermann, and Georgette Ahiamadjie. 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.

Questions or comments about this report may be directed to:

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<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

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

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

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

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

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

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

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

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

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

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

and $_i$ = agegroup

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

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

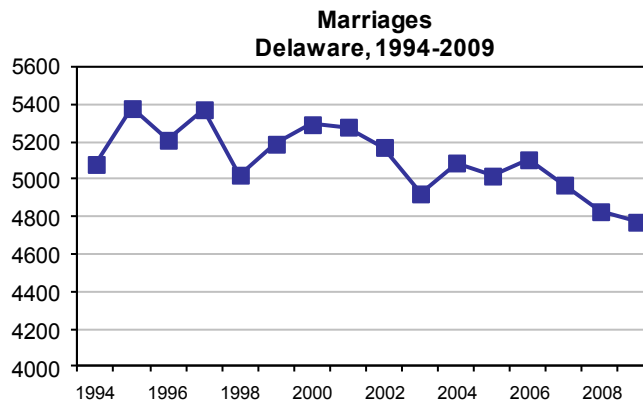
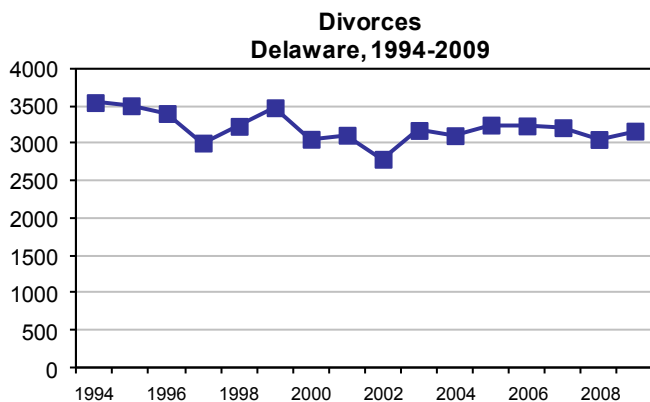
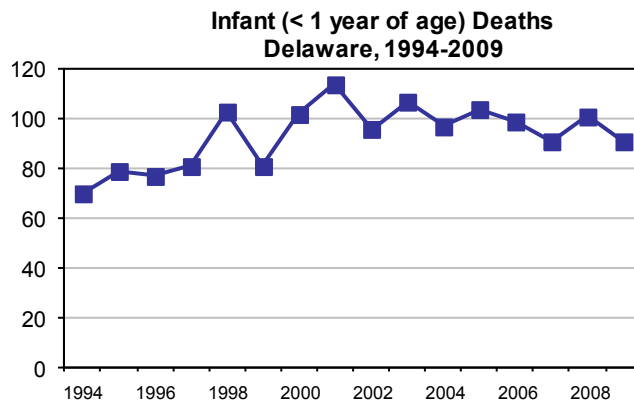
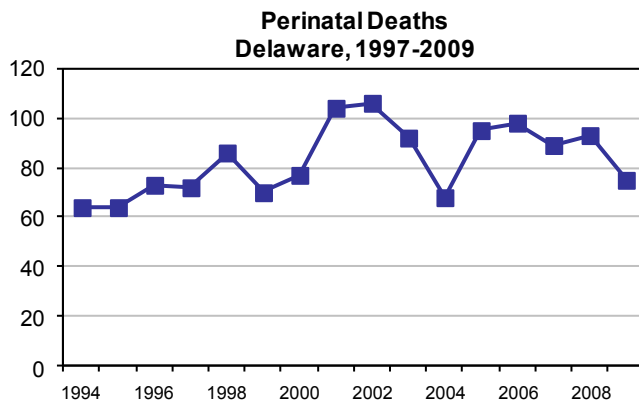
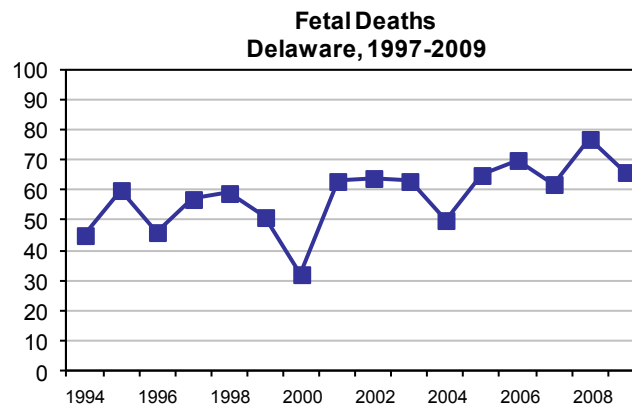
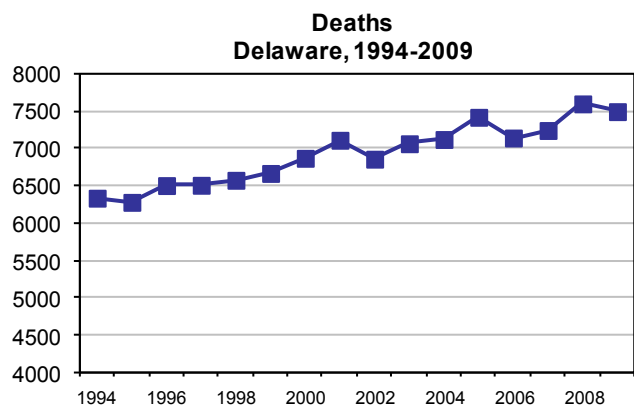
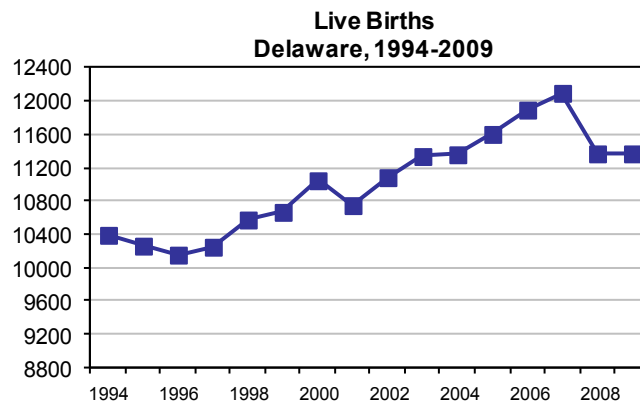
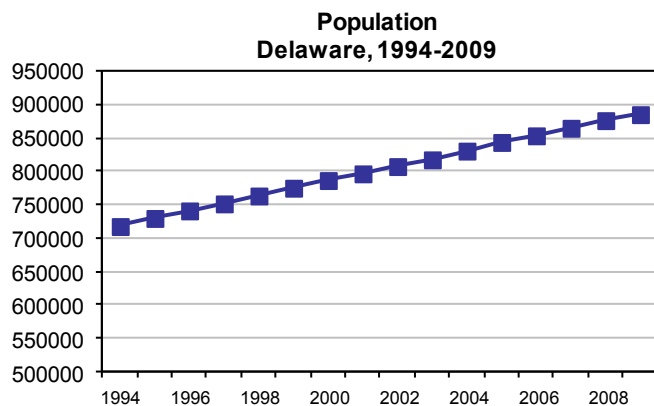
$$\text{Infant Mortality Rate} = \frac{\text{Number of Infant Deaths}}{\text{Total Live Births}} \times 1,000$$

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

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

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2009 DELAWARE VITAL STATISTICS



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Population

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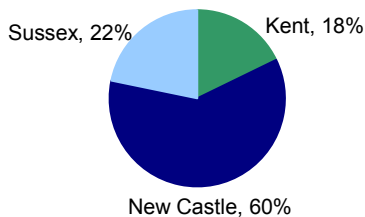
POPULATION

Delaware's three counties continued their increasing population trend, though they grew at different rates. Between 2000 and 2009, county populations grew annually by 2.7 percent for Kent, 0.7 percent for New Castle, and 2.5 percent for Sussex. Delaware's statewide increase was 1.4 percent.

In 2009, more than half of Delaware's 65 and older population resided in New Castle County. However, residents 65 and older represented a much larger proportion of the Sussex County population, where 1 in 5 residents was 65 or older, versus New Castle and Kent counties, where approximately 1 in 8 residents was 65 or older.

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

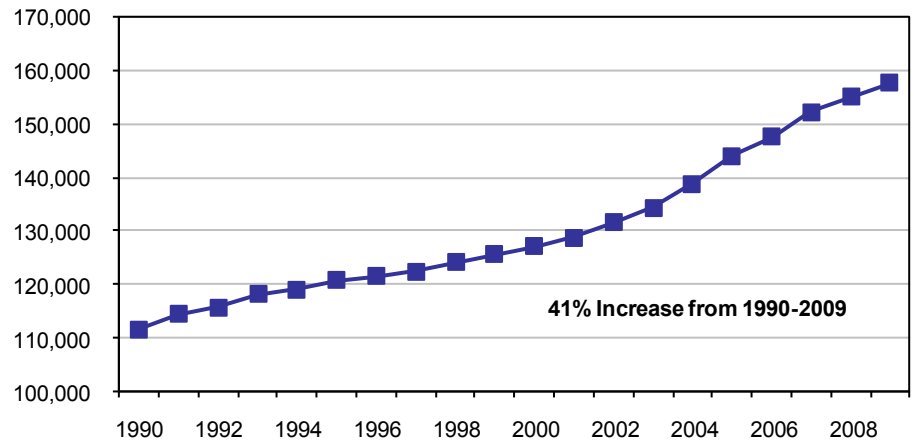
Percent of Population by County Delaware, 2009



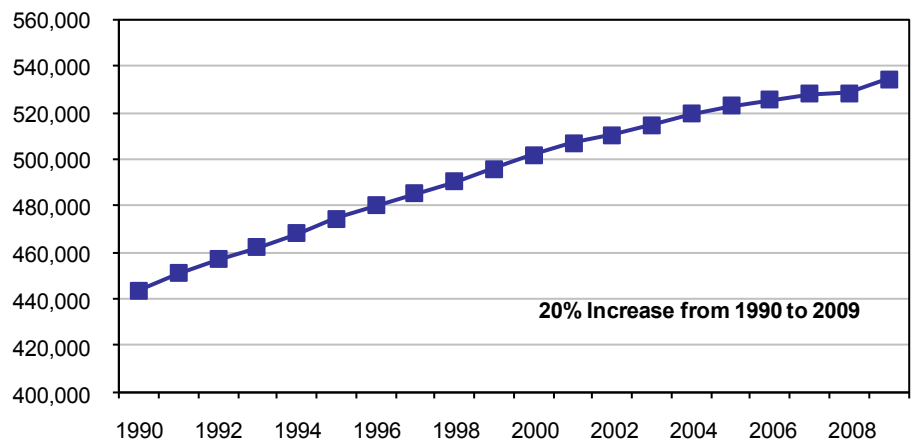
Source: Delaware Health Statistics Center

Delaware Resident Population by County, 1990-2009

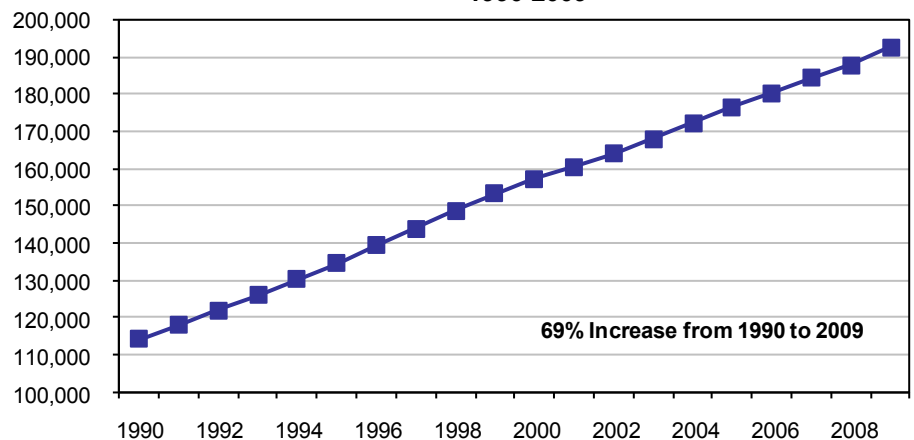
Kent County Population 1990-2009



New Castle County Population 1990-2009



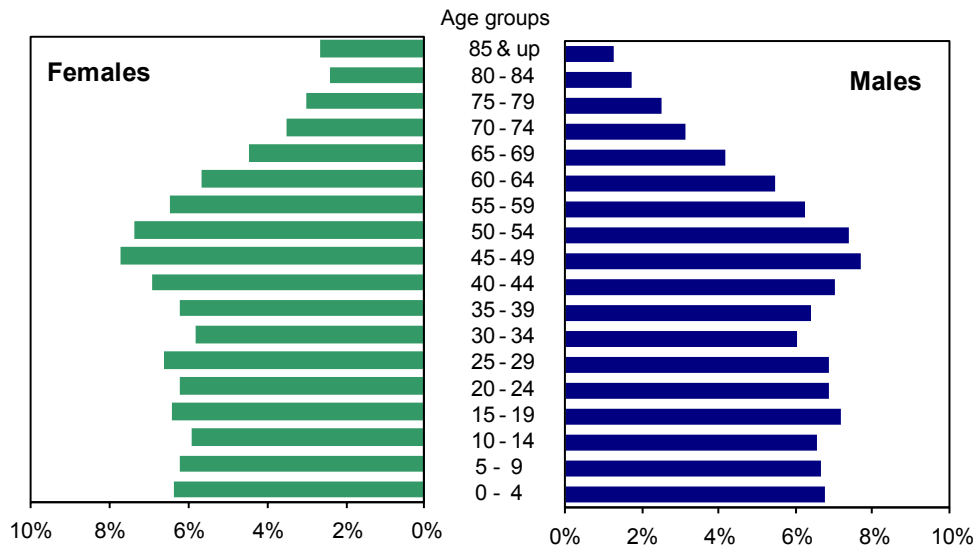
Sussex County Population 1990-2009



Source: Delaware Health Statistics Center

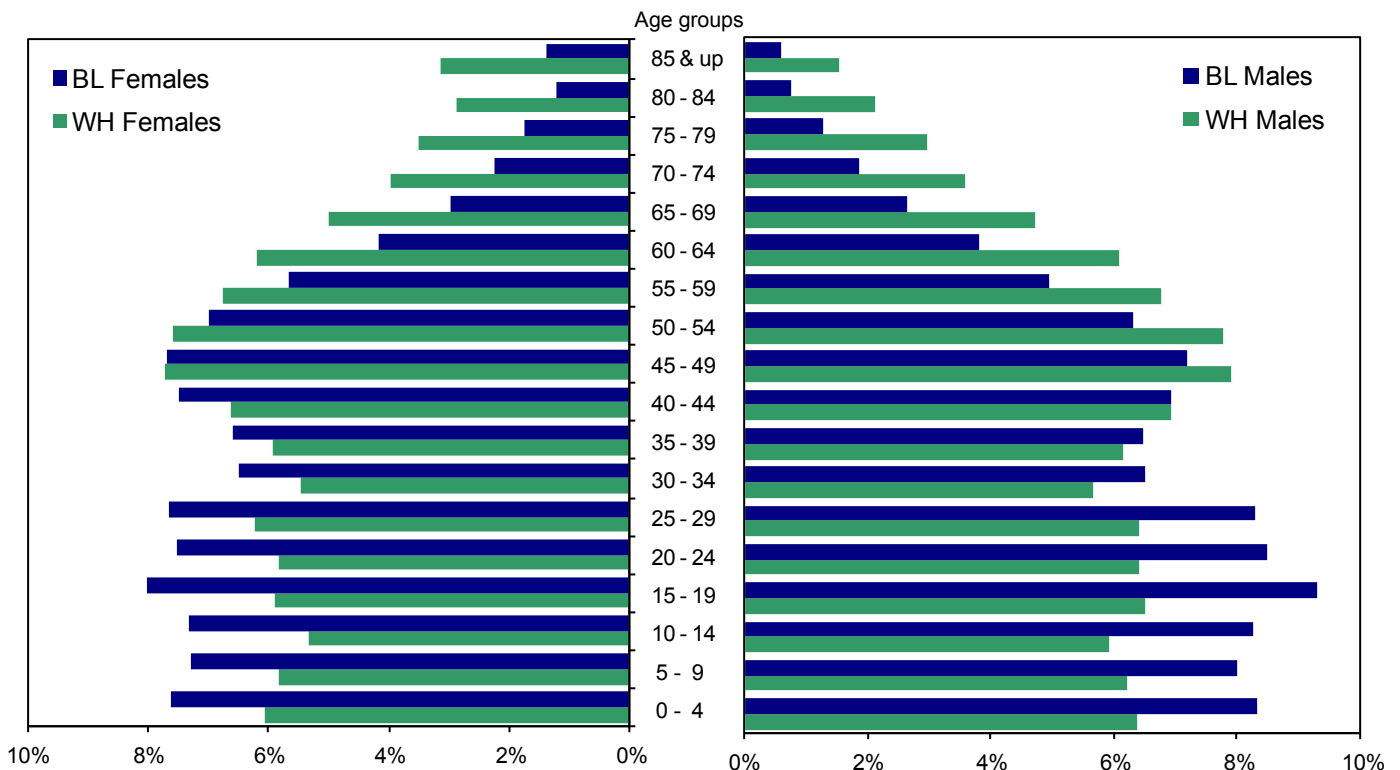
POPULATION

In 2009, just over 50 percent of Delaware's population was female. Females made up a greater proportion of the older age groups, which reflects the longer female life expectancy. Delaware females born in 2009 could expect to live an average of 81.4 years, versus males, who could expect to live 76.3 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
Delaware	548104	594338	8.4	666168	12.1	786408	18.0	895173	13.8	981922	9.7	24.9
Male	267332	286599	7.2	322966	12.7	381565	18.1	434454	13.9	476374	9.6	24.8
Female	280772	307739	9.6	343202	11.5	404843	18.0	460719	13.8	505548	9.7	24.9
Kent	81892	98219	19.9	110993	13.0	127114	14.5	160058	25.9	178817	11.7	40.7
Male	41337	48254	16.7	54300	12.5	61280	12.9	77121	25.9	86094	11.6	40.5
Female	40555	49965	23.2	56693	13.5	65834	16.1	82937	26.0	92723	11.8	40.8
Dover	17488	23512	34.4	27630	17.5	32197	16.5	37341	16.0	38952	4.3	21.0
Male	8319	11695	40.6	13408	14.6	15144	12.9	17394	14.9	17907	2.9	18.2
Female	9169	11817	28.9	14222	20.4	17053	19.9	19947	17.0	21045	5.5	23.4
New Castle	385856	398115	3.2	441946	11.0	501855	13.6	538170	7.2	567764	5.5	13.1
Male	187124	191176	2.2	213869	11.9	243498	13.9	261169	7.3	275065	5.3	13.0
Female	198732	206939	4.1	228077	10.2	258357	13.3	277001	7.2	292699	5.7	13.3
Newark	20757	25247	21.6	26463	4.8	29367	11.0	30486	3.8	30715	0.8	4.6
Male	10242	11993	17.1	12408	3.5	13503	8.8	14236	5.4	14348	0.8	6.3
Female	10515	13254	26.0	14055	6.0	15864	12.9	16250	2.4	16367	0.7	3.2
Wilmington	80386	70195		71529	1.9	72728	1.7	73022	0.4	72549	-0.6	-0.2
Male	36968	31458	-14.9	33249	5.7	34692	4.3	35612	2.7	35902	0.8	3.5
Female	43418	38737	-10.8	38280	-1.2	38036	-0.6	37410	-1.6	36647	-2.0	-3.7
Sussex	80356	98004	22.0	113229	15.5	157439	39.0	196945	25.1	235341	19.5	49.5
Male	38871	47169	21.3	54797	16.2	76787	40.1	96164	25.2	115215	19.8	50.0
Female	41485	50835	22.5	58432	14.9	80652	38.0	100781	25.0	120126	19.2	48.9

Note:

*Numbers for this year are projections.

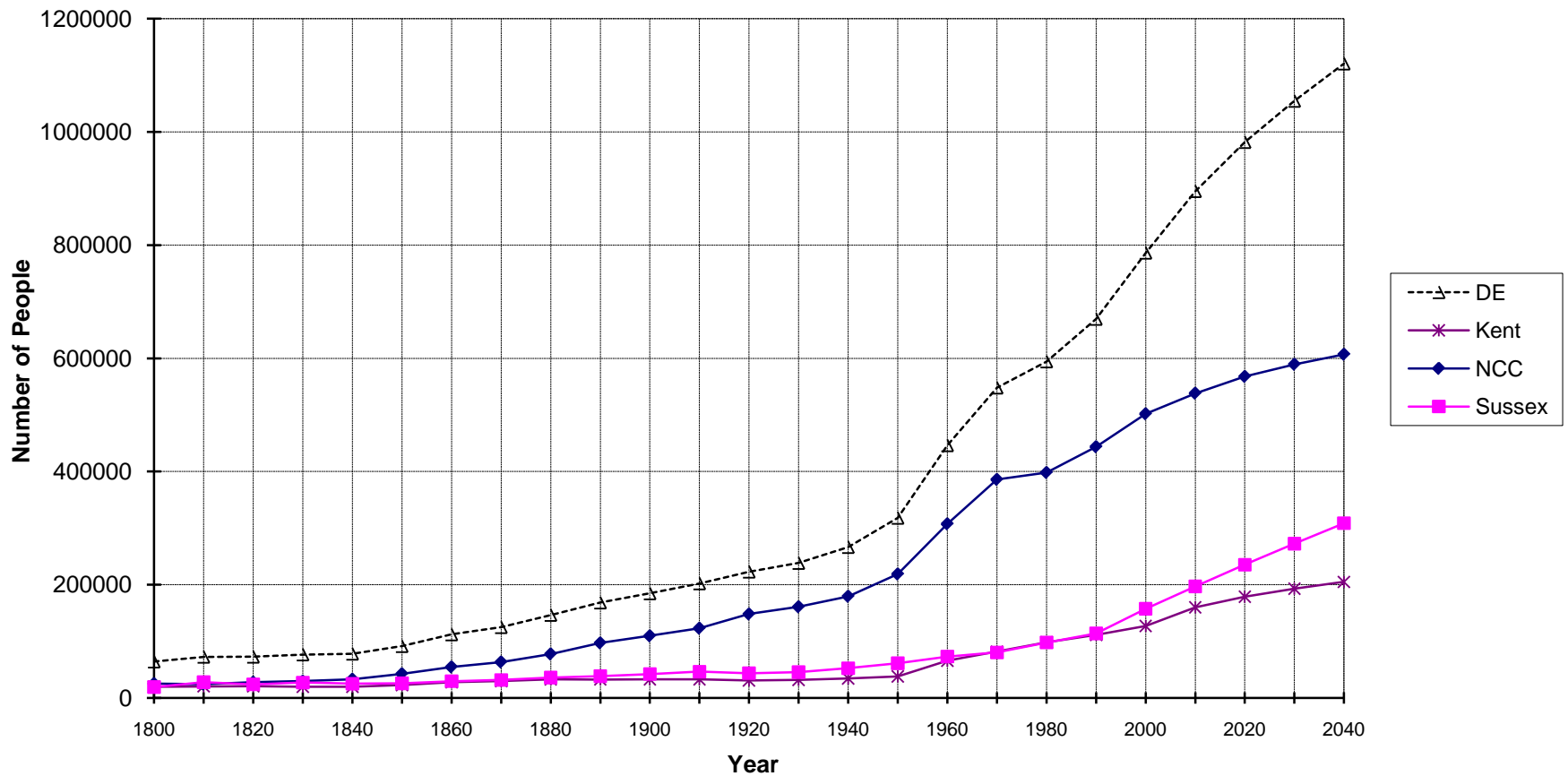
Sources:

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

POPSEX

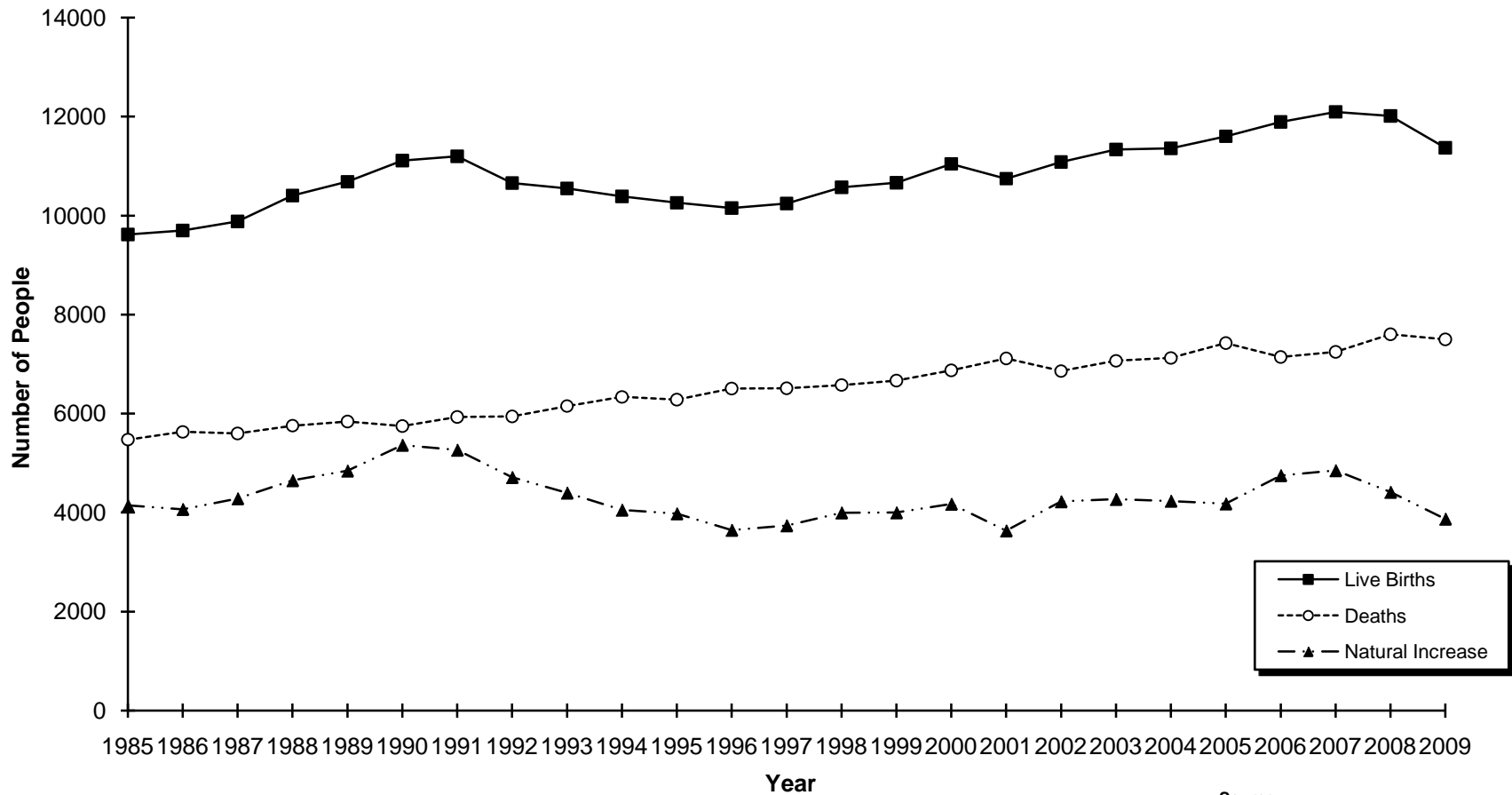
Figure A-1
Population Growth

Delaware and Counties, 1800-2040



Sources:
Delaware Health Statistics Center
Delaware Population Consortium

Figure A-2
Live Births, Deaths, and Natural Increase
Delaware, 1985-2009



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, 2009

Area/ Sex/Race	Age																		
	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
Delaware	885131	58137	56726	55099	60165	57952	59649	52330	55963	61615	68235	65349	56248	49338	38188	29475	24560	18581	17521
Male	429573	29023	28496	28150	30866	29537	29568	25874	27581	30054	33140	31684	26864	23564	17897	13454	10776	7555	5490
White	318869	20320	19866	18862	20725	20444	20445	18072	19617	22044	25156	24828	21550	19443	15056	11378	9443	6755	4865
Black	91468	7622	7325	7567	8522	7775	7575	5942	5910	6341	6565	5787	4537	3475	2423	1714	1153	695	540
Female	455558	29114	28230	26949	29299	28415	30081	26456	28382	31561	35095	33665	29384	25774	20291	16021	13784	11026	12031
White	336408	20364	19667	17953	19817	19578	21010	18363	19946	22362	26008	25551	22797	20831	16813	13400	11784	9636	10528
Black	100648	7672	7331	7367	8070	7561	7703	6524	6626	7555	7740	7029	5688	4192	2987	2241	1742	1231	1389
Kent	157740	11386	10840	10719	11549	11708	11608	9691	9634	10757	12234	11079	8887	7844	6016	4802	3923	2641	2422
Male	76001	5687	5436	5450	5944	5828	5660	4706	4550	5198	5916	5267	4212	3712	2801	2155	1733	1030	716
White	55149	3978	3759	3728	4028	4054	3625	3229	3329	3905	4493	4084	3251	2916	2235	1713	1397	854	571
Black	17952	1509	1462	1457	1688	1561	1813	1227	997	1061	1164	1005	846	688	506	378	297	157	136
Female	81739	5699	5404	5269	5605	5880	5948	4985	5084	5559	6318	5812	4675	4132	3215	2647	2190	1611	1706
White	58423	3979	3722	3554	3855	4096	3669	3187	3628	4033	4665	4276	3478	3161	2528	2104	1746	1328	1414
Black	19979	1520	1470	1467	1515	1565	2071	1543	1186	1263	1388	1289	1013	805	571	442	362	237	272
Dover	36559	2466	2233	2168	3273	3934	2598	2140	1968	2176	2471	2388	2012	1670	1385	1152	1058	747	720
Male	17040	1247	1177	1047	1584	1905	1237	999	897	1025	1086	1122	898	770	635	482	401	307	221
Female	19519	1219	1056	1121	1689	2029	1361	1141	1071	1151	1385	1266	1114	900	750	670	657	440	499
New Castle	534636	35809	35506	34279	37682	35306	37890	33953	36277	39201	41762	39430	32984	27681	20241	14845	12218	9705	9867
Male	259473	17853	17815	17514	19286	18150	18685	16771	17986	19105	20323	19215	15603	13122	9404	6707	5144	3811	2979
White	184926	12177	12111	11295	12436	12080	12836	11523	12305	13456	14867	14449	11962	10317	7487	5342	4344	3325	2614
Black	60418	4942	4809	4976	5680	5111	4729	3888	4112	4371	4422	3957	3041	2313	1587	1096	674	411	299
Female	275163	17956	17691	16765	17156	17156	19205	17182	18291	20096	21439	20215	17381	14559	10837	8138	7074	5894	6888
White	194831	12230	12010	10704	11911	11288	13558	11865	12236	13500	15160	14648	12837	11158	8508	6412	5845	5034	5927
Black	66917	4993	4838	4883	5469	4939	4626	4173	4671	5325	5298	4795	3885	2849	1993	1474	1074	755	877
Newark	30373	878	966	1089	5923	8323	1859	1254	999	1176	1498	1504	1286	1032	795	572	502	403	314
Male	14172	454	514	553	2300	3989	1022	667	488	595	739	730	607	500	342	233	208	149	82
Female	16201	424	452	536	3623	4334	837	587	511	581	759	774	679	532	453	339	294	254	232
Wilmington*	73079	5798	5059	4413	5328	5351	5720	5532	5486	5000	4959	4785	4074	3284	2434	1834	1501	1141	1380
Male	35558	2961	2611	2288	2709	2689	2998	2799	2828	2508	2476	2349	1899	1468	1016	733	536	360	330
White	13502	947	802	487	595	902	1215	1313	1351	987	900	944	802	722	496	318	278	216	227
Black	19955	1827	1645	1631	1899	1595	1528	1279	1300	1388	1469	1335	1017	687	489	388	244	137	97
Female	37521	2837	2448	2125	2619	2662	2722	2733	2658	2492	2483	2436	2175	1816	1418	1101	965	781	1050
White	13534	889	726	426	515	812	980	1180	1099	767	754	839	887	840	654	477	507	472	710
Black	22061	1768	1583	1556	1925	1664	1527	1390	1406	1590	1629	1521	1208	913	723	592	442	297	327
Sussex	192755	10942	10380	10101	10934	10938	10151	8686	10052	11657	14239	14840	14377	13813	11931	9828	8419	6235	5232
Male	94099	5483	5245	5186	5636	5559	5223	4397	5045	5751	6901	7202	7049	6730	5692	4592	3899	2714	1795
White	78794	4165	3996	3839	4261	4310	3984	3320	3983	4683	5796	6295	6337	6210	5334	4323	3702	2576	1680
Black	13098	1171	1054	1134	1154	1103	1033	827	801	909	979	825	650	474	330	240	182	127	105
Female	98656	5459	5135	4915	5298	5379	4928	4289	5007	5906	7338	7638	7328	7083	6239	5236	4520	3521	3437
White	83154	4155	3935	3695	4051	4194	3783	3311	4082	4829	6183	6627	6482	6512	5777	4884	4193	3274	3187
Black	13752	1159	1023	1017	1086	1057	1006	808	769	967	1054	945	790	538	423	325	306	239	240

Sources:
Delaware Health Statistics Center
Delaware Population Consortium

POPSRA

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Marriage & Divorce

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MARRIAGE AND DIVORCE

There were 4,772 marriages and 3,169 divorces in Delaware in 2009 (see Tables B-1 and B-11). Over half of all divorces in 2009 were of marriages that lasted less than 10 years.

Marriage

Male

Youngest: 16
Oldest: 91

Female

Youngest: 16
Oldest: 82

Marriage with the greatest age difference between bride and groom: 34 years.

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

Divorce

Male

Youngest: 20
Oldest: 96

Female

Youngest: 17
Oldest: 83

Shortest duration of marriage: 5 days.

Longest duration of marriage: 49 years.

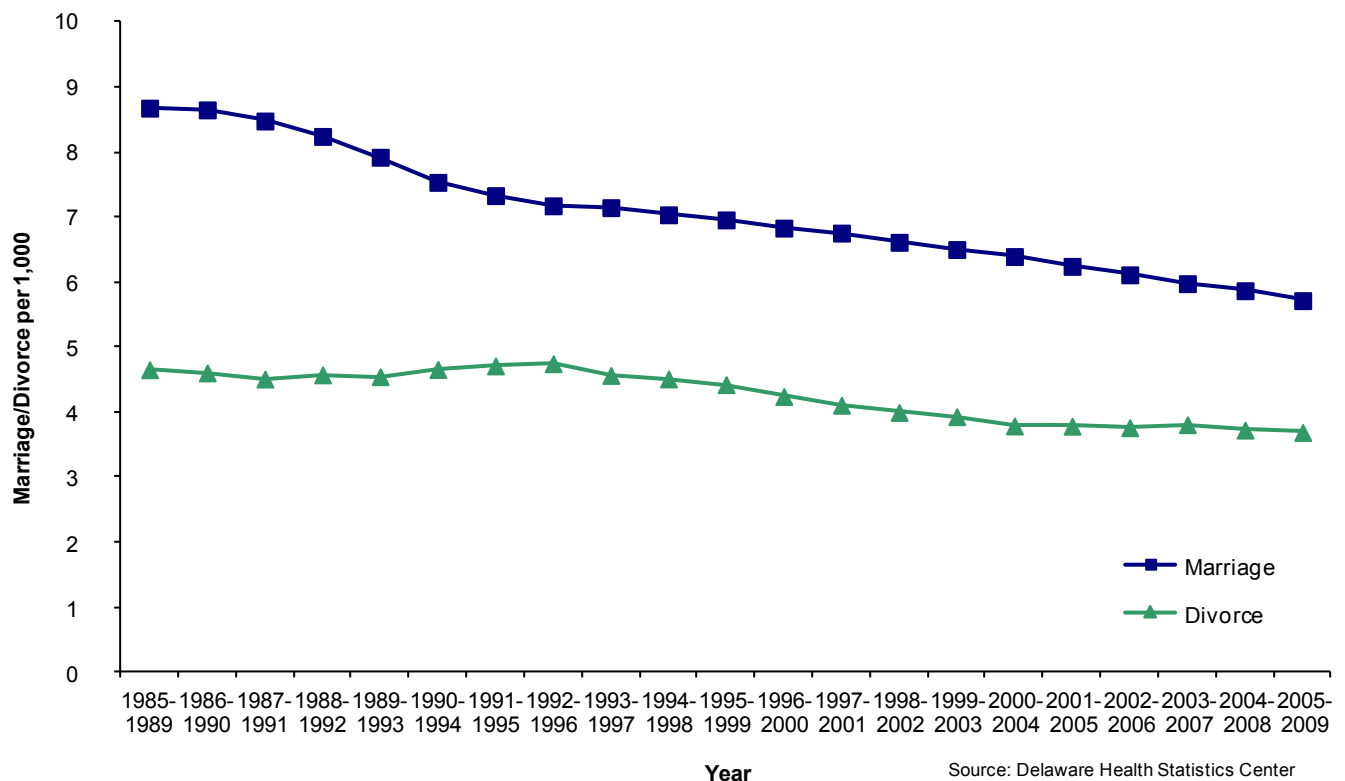
Median duration of marriage: 8.4 years (see Table B-16).

Total children under 18 years of age: 2,563 (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 34 percent, from 8.7 to 5.7 marriages per 1,000 population in 2005-2009.

Divorce rates remained fairly stable between 1984-1988 and 1992-1996. From 1992-1996 to 2000-2004, divorce rates declined 20 percent; since then rates have remained stable.

**Five-year Average Marriage and Divorce Rates per 1,000 Population
Delaware, 1985-2009**



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TABLE B-1
NUMBER OF MARRIAGES BY PLACE OF CEREMONY
U.S., DELAWARE AND COUNTIES, 1989-2009

Year	U.S.	Delaware	Kent	New Castle	Sussex
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	2194000 *	5105	993	2754	1358
2007	2204000 *	4970	944	2670	1356
2008	2157000 *	4828	984	2429	1415
2009	2077000 *	4772	930	2491	1351

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, 1989-2009

Years	U.S.	Delaware	Kent	New Castle	Sussex
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	7.4	5.8	7.5
2001-2005	7.8 *	6.2	7.2	5.6	7.5
2002-2006	7.7 *	6.1	7.1	5.4	7.5
2003-2007	7.6 *	6.0	6.7	5.3	7.4
2004-2008	7.4 *	5.9	6.6	5.1	7.5
2005-2009	7.2	5.7	6.4	5.0	7.4

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, 2009

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	3344	92.9	87	9.1	10	29.4	47	54.7	47	50.0
Black	180	5.0	866	90.2	2	5.9	4	4.7	13	13.8
American Indian	6	0.2	1	0.1	20	58.8	1	1.2	0	0.0
Asian/Pacific Islander	15	0.4	0	0.0	1	2.9	33	38.4	0	0.0
Other/Unknown	53	1.5	6	0.6	1	2.9	1	1.2	34	36.2

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, 2009

Previous Marital Status	Race					
	All Races		White		Black	
	Number	Percent	Number	Percent	Number	Percent
Groom						
Single	3253	68.2	2420	68.5	703	66.0
Widowed	113	2.4	89	2.5	22	2.1
Divorced	1406	29.5	1026	29.0	340	31.9
Bride						
Single	3326	69.7	2474	68.8	688	71.7
Widowed	113	2.4	90	2.5	17	1.8
Divorced	1333	27.9	1034	28.7	255	26.6

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, 2009

Marriage Order	Type of Ceremony	Race					
		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent
Groom							
First Marriage	Civil	1067	32.8	697	28.8	296	42.1
	Religious	2186	67.2	1723	71.2	407	57.9
Remarriage	Civil	624	41.1	453	40.6	145	40.1
	Religious	895	58.9	662	59.4	217	59.9
Bride							
First Marriage	Civil	1091	32.8	711	28.7	294	42.7
	Religious	2235	67.2	1763	71.3	394	57.3
Remarriage	Civil	600	41.5	475	42.3	95	34.9
	Religious	846	58.5	649	57.7	177	65.1

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, 2009

Marriage Order	Race					
	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
Groom						
First Marriage	28	30	28	29	29	32
Remarriage	45	46	45	46	46	46
Bride						
First Marriage	26	28	26	27	29	31
Remarriage	42	43	42	43	43	43

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, 2009

Marriage Order	Age	Race					
		All Races		White		Black	
		Number	Percent	Number	Percent	Number	Percent
Groom							
All Marriages	<20	64	1.3	45	1.3	15	1.4
	20-29	2045	42.9	1603	45.3	364	34.2
	30-39	1345	28.2	985	27.9	305	28.6
	40-49	709	14.9	457	12.9	231	21.7
	50-64	496	10.4	351	9.9	133	12.5
	65+	113	2.4	94	2.7	17	1.6
	Unk	0	0.0	0	0.0	0	0.0
First Marriage	<20	64	2.0	45	1.9	15	2.1
	20-29	1923	59.1	1507	62.3	345	49.1
	30-39	963	29.6	699	28.9	220	31.3
	40-49	224	6.9	127	5.2	87	12.4
	50-64	70	2.2	36	1.5	33	4.7
	65+	9	0.3	6	0.2	3	0.4
	Unk	0	0.0	0	0.0	0	0.0
Remarriage	<20	0	0.0	0	0.0	0	0.0
	20-29	122	8.0	96	8.6	19	5.2
	30-39	382	25.1	286	25.7	85	23.5
	40-49	485	31.9	330	29.6	144	39.8
	50-64	426	28.0	315	28.3	100	27.6
	65+	104	6.8	88	7.9	14	3.9
	Unk	0	0.0	0	0.0	0	0.0
Bride							
All Marriages	<20	154	3.2	119	3.3	28	2.9
	20-29	2374	49.7	1894	52.6	369	38.4
	30-39	1171	24.5	821	22.8	287	29.9
	40-49	641	13.4	440	12.2	185	19.3
	50-64	365	7.6	271	7.5	79	8.2
	65+	67	1.4	53	1.5	12	1.3
	Unk	0	0.0	0	0.0	0	0.0
First Marriage	<20	153	4.6	118	4.8	28	4.1
	20-29	2205	66.3	1761	71.2	338	49.1
	30-39	736	22.1	487	19.7	205	29.8
	40-49	184	5.5	84	3.4	95	13.8
	50-64	44	1.3	22	0.9	20	2.9
	65+	4	0.1	2	0.1	2	0.3
	Unk	0	0.0	0	0.0	0	0.0
Remarriage	<20	1	0.1	1	0.1	0	0.0
	20-29	169	11.7	133	11.8	31	11.4
	30-39	435	30.1	334	29.7	82	30.1
	40-49	457	31.6	356	31.7	90	33.1
	50-64	321	22.2	249	22.2	59	21.7
	65+	63	4.4	51	4.5	10	3.7
	Unk	0	0.0	0	0.0	0	0.0

Notes:

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

Source:

Delaware Health Statistics Center

AGEBYRCORDR

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

DELAWARE, 2009

Marriage Order of Groom	Age of Groom \ Age of Bride	Marriage Order of Bride													
		First Marriage							Remarriage						
		<20	20-29	30-39	40-49	50-64	65+	Unk	<20	20-29	30-39	40-49	50-64	65+	Unk
First Marriage	<20	45	18	0	0	0	0	0	0	1	0	0	0	0	0
	20-29	96	1548	123	3	0	0	0	0	75	67	11	0	0	0
	30-39	4	398	362	17	0	0	0	0	30	124	22	6	0	0
	40-49	1	23	58	43	7	0	0	0	1	27	51	13	0	0
	50-64	0	2	7	15	5	0	0	0	0	4	15	22	0	0
	65+	0	0	1	0	1	3	0	0	0	0	0	1	3	0
	Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remarriage	<20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	5	74	10	0	0	0	0	1	19	12	1	0	0	0
	30-39	2	100	94	9	0	0	0	0	26	103	45	3	0	0
	40-49	0	35	63	54	6	0	0	0	14	85	192	36	0	0
	50-64	0	7	16	37	24	0	0	0	3	13	117	197	12	0
	65+	0	0	2	6	1	1	0	0	0	0	3	43	48	0
	Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source:
Delaware Health Statistics Center

ORDRBYAGE

TABLE B-9
NUMBER AND PERCENT OF MARRIAGES BY MONTH OF CEREMONY
DELAWARE, 2009

Month	Number	Percent
January	218	4.6
February	237	5.0
March	265	5.6
April	329	6.9
May	530	11.1
June	529	11.1
July	461	9.7
August	489	10.2
September	608	12.7
October	545	11.4
November	284	6.0
December	277	5.8
Total	4772	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, 2009

Day	Number	Percent
Sunday	314	6.6
Monday	88	1.8
Tuesday	182	3.8
Wednesday	809	17.0
Thursday	190	4.0
Friday	525	11.0
Saturday	2664	55.8
Total	4772	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, 1989-2009

Year	Delaware	Kent	New Castle	Sussex
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
2007	3215	721	1771	723
2008	3057	704	1753	600
2009	3169	694	1795	680

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, 1989-2009

Years	Delaware	Kent	New Castle	Sussex
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	5.5	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
2003-2007	3.8	4.9	3.4	4.1
2004-2008	3.7	4.8	3.4	3.9
2005-2009	3.7	4.6	3.4	3.8

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, 2009

Race of Husband	Race of Wife								
	White	Black	American Indian	Chinese	Hawaiian	Filipino	Other Asian	Other Race	Not Classifiable
White	2194	34	3	4	0	14	15	11	1
Black	106	663	6	0	2	3	1	2	3
American Indian	9	0	1	0	0	0	0	0	0
Chinese	1	0	0	5	0	0	0	0	0
Hawaiian	1	0	0	0	0	0	0	0	0
Filipino	3	1	0	0	0	1	1	0	0
Other Asian	13	1	0	1	0	0	23	1	1
Other Race	10	2	0	0	0	0	0	4	1
Not Classifiable	5	1	0	0	0	0	0	0	21

Notes:

*Annulments represent less than 0.3% of the totals.

Source:

Delaware Health Statistics Center

RACE

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, 2009

Number of Marriage	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	41	42	41	42	40	41
First Marriage	37	39	37	38	38	39
Second Marriage	46	47	46	47	46	47
Third Marriage+	52	53	52	53	52	52
Not Stated	45	45	47	46	46	45
Wife						
All Marriages	39	39	39	40	39	40
First Marriage	35	37	35	37	36	37
Second Marriage	44	45	44	44	44	45
Third Marriage+	50	50	49	49	52	50
Not Stated	42	41	42	42	44	42

Notes:

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

Source:

Delaware Health Statistics Center

AGENUMRC

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, 2009

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	0	0.0	0	0.0	0	0.0	7	0.2	6	0.3	1	0.1
	20-29	438	13.8	343	15.1	84	10.7	618	19.5	475	20.3	108	15.4
	30-39	998	31.5	680	29.9	281	35.8	1013	32.0	732	31.3	244	34.8
	40-49	951	30.0	687	30.2	235	29.9	919	29.0	680	29.0	213	30.3
	50-64	621	19.6	458	20.1	140	17.8	497	15.7	369	15.8	109	15.5
	65+	89	2.8	66	2.9	19	2.4	55	1.7	47	2.0	5	0.7
	Unk	72	2.3	42	1.8	27	3.4	60	1.9	33	1.4	22	3.1
First Marriage	<20	0	0.0	0	0.0	0	0.0	6	0.3	5	0.3	1	0.2
	20-29	406	18.7	319	20.7	77	13.8	567	26.7	434	27.9	101	20.6
	30-39	813	37.4	554	35.9	231	41.3	774	36.4	548	35.3	202	41.2
	40-49	619	28.5	434	28.1	167	29.8	516	24.3	380	24.5	117	23.9
	50-64	272	12.5	190	12.3	70	12.5	210	9.9	147	9.5	54	11.0
	65+	21	1.0	18	1.2	3	0.5	19	0.9	16	1.0	3	0.6
	Unk	42	1.9	28	1.8	12	2.1	35	1.6	23	1.5	12	2.4
Second Marriage	<20	0	0.0	0	0.0	0	0.0	1	0.1	1	0.2	0	0.0
	20-29	24	3.6	17	3.4	6	4.1	32	4.7	28	5.3	3	2.2
	30-39	147	21.9	105	20.9	38	25.7	172	25.1	135	25.6	30	22.4
	40-49	236	35.1	184	36.7	45	30.4	286	41.8	216	40.9	66	49.3
	50-64	206	30.7	161	32.1	37	25.0	163	23.8	126	23.9	31	23.1
	65+	43	6.4	28	5.6	14	9.5	19	2.8	18	3.4	0	0.0
	Unk	16	2.4	7	1.4	8	5.4	12	1.8	4	0.8	4	3.0
Third Marriage and more	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	2	0.9	2	1.2	0	0.0	3	1.4	3	1.7	0	0.0
	30-39	14	6.5	10	6.0	4	9.3	33	14.9	29	16.0	4	11.1
	40-49	63	29.0	49	29.2	13	30.2	69	31.1	58	32.0	11	30.6
	50-64	112	51.6	87	51.8	23	53.5	98	44.1	77	42.5	18	50.0
	65+	24	11.1	19	11.3	2	4.7	16	7.2	12	6.6	2	5.6
	Unk	2	0.9	1	0.6	1	2.3	3	1.4	2	1.1	1	2.8
Not Stated	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	6	5.6	5	7.9	1	2.9	16	11.9	10	12.5	4	9.5
	30-39	24	22.4	11	17.5	8	22.9	34	25.2	20	25.0	8	19.0
	40-49	33	30.8	20	31.7	10	28.6	48	35.6	26	32.5	19	45.2
	50-64	31	29.0	20	31.7	10	28.6	26	19.3	19	23.8	6	14.3
	65+	1	0.9	1	1.6	0	0.0	1	0.7	1	1.3	0	0.0
	Unk	12	11.2	6	9.5	6	17.1	10	7.4	4	5.0	5	11.9

Notes:

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

AGENUMRC_DET

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, 2009

Number of Marriage	All Races		White		Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	8.4	10.9	9.0	11.5	7.0	9.2
First Marriage	8.9	11.5	9.7	12.0	7.8	10.0
Second Marriage	7.5	9.8	8.3	10.5	5.9	7.9
Third Marriage+	5.4	8.2	6.6	9.0	4.5	4.9
Not Stated	8.0	10.9	9.5	12.3	6.5	8.5
Wife						
All Marriages	8.4	10.9	8.9	11.3	7.1	9.5
First Marriage	9.0	11.6	9.7	12.1	8.0	10.2
Second Marriage	7.7	9.6	8.2	10.2	5.7	7.8
Third Marriage+	5.9	7.8	6.2	7.9	4.7	6.6
Not Stated	8.2	11.1	9.6	12.2	6.3	9.3

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, 2009

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	75	2.4	45	2.0	28	3.6	75	2.4	52	2.2	19	2.7
	1-4	890	28.1	608	26.7	253	32.2	890	28.1	619	26.4	230	32.8
	5-9	823	26.0	560	24.6	228	29.0	823	26.0	599	25.6	194	27.6
	10-14	504	15.9	369	16.2	117	14.9	504	15.9	379	16.2	107	15.2
	15-19	343	10.8	276	12.1	61	7.8	343	10.8	275	11.7	56	8.0
	20-24	257	8.1	199	8.7	50	6.4	257	8.1	204	8.7	44	6.3
	25-29	130	4.1	105	4.6	20	2.5	130	4.1	103	4.4	22	3.1
	30+	109	3.4	91	4.0	14	1.8	109	3.4	91	3.9	15	2.1
	Not Stated	38	1.2	23	1.0	15	1.9	38	1.2	20	0.9	15	2.1
First Marriage	<1	47	2.2	31	2.0	16	2.9	46	2.2	35	2.3	9	1.8
	1-4	569	26.2	386	25.0	163	29.1	572	26.9	392	25.2	151	30.8
	5-9	547	25.2	365	23.7	161	28.8	516	24.3	366	23.6	133	27.1
	10-14	357	16.4	253	16.4	92	16.4	339	15.9	250	16.1	77	15.7
	15-19	242	11.1	192	12.4	45	8.0	243	11.4	191	12.3	44	9.0
	20-24	197	9.1	150	9.7	42	7.5	196	9.2	154	9.9	34	6.9
	25-29	96	4.4	76	4.9	17	3.0	95	4.5	75	4.8	17	3.5
	30+	91	4.2	74	4.8	13	2.3	98	4.6	81	5.2	14	2.9
	Not Stated	27	1.2	16	1.0	11	2.0	22	1.0	9	0.6	11	2.2
Second Marriage	<1	13	1.9	6	1.2	6	4.1	11	1.6	5	0.9	5	3.7
	1-4	208	31.0	144	28.7	57	38.5	214	31.2	150	28.4	54	40.3
	5-9	187	27.8	138	27.5	41	27.7	190	27.7	152	28.8	34	25.4
	10-14	107	15.9	85	16.9	20	13.5	121	17.7	94	17.8	22	16.4
	15-19	73	10.9	59	11.8	13	8.8	67	9.8	57	10.8	8	6.0
	20-24	45	6.7	37	7.4	5	3.4	44	6.4	39	7.4	5	3.7
	25-29	20	3.0	18	3.6	2	1.4	23	3.4	20	3.8	3	2.2
	30+	12	1.8	11	2.2	1	0.7	6	0.9	6	1.1	0	0.0
	Not Stated	7	1.0	4	0.8	3	2.0	9	1.3	5	0.9	3	2.2
Third Marriage and more	<1	11	5.1	6	3.6	4	9.3	14	6.3	9	5.0	4	11.1
	1-4	86	39.6	61	36.3	24	55.8	76	34.2	61	33.7	15	41.7
	5-9	56	25.8	44	26.2	11	25.6	72	32.4	60	33.1	10	27.8
	10-14	26	12.0	21	12.5	3	7.0	24	10.8	21	11.6	3	8.3
	15-19	18	8.3	17	10.1	1	2.3	22	9.9	20	11.0	2	5.6
	20-24	8	3.7	8	4.8	0	0.0	7	3.2	4	2.2	2	5.6
	25-29	8	3.7	7	4.2	0	0.0	5	2.3	4	2.2	0	0.0
	30+	2	0.9	2	1.2	0	0.0	0	0.0	0	0.0	0	0.0
	Not Stated	2	0.9	2	1.2	0	0.0	2	0.9	2	1.1	0	0.0
Not Stated	<1	4	3.7	2	3.2	2	5.7	4	1.8	3	3.8	1	2.4
	1-4	27	25.2	17	27.0	9	25.7	28	12.6	16	20.0	10	23.8
	5-9	33	30.8	13	20.6	15	42.9	45	20.3	21	26.3	17	40.5
	10-14	14	13.1	10	15.9	2	5.7	20	9.0	14	17.5	5	11.9
	15-19	10	9.3	8	12.7	2	5.7	11	5.0	7	8.8	2	4.8
	20-24	7	6.5	4	6.3	3	8.6	10	4.5	7	8.8	3	7.1
	25-29	6	5.6	4	6.3	1	2.9	7	3.2	4	5.0	2	4.8
	30+	4	3.7	4	6.3	0	0.0	5	2.3	4	5.0	1	2.4
	Not Stated	2	1.9	1	1.6	1	2.9	5	2.3	4	5.0	1	2.4

Notes:

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

Source:

Delaware Health Statistics Center

DURNUMRC_DET

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

DELAWARE, 2009

Number of Children Under 18	Race							
	All Races		White		Black		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Husband	3169	100.0	2276	100.0	786	100.0	107	100.0
None	1708	53.9	1168	51.3	472	60.1	68	63.6
1	659	20.8	503	22.1	139	17.7	17	15.9
2	556	17.5	430	18.9	108	13.7	18	16.8
3	186	5.9	129	5.7	53	6.7	4	3.7
4	45	1.4	36	1.6	9	1.1	0	0.0
5+	10	0.3	6	0.3	4	0.5	0	0.0
Unknown	5	0.2	4	0.2	1	0.1	0	0.0
Wife	3169	100.0	2342	100.0	702	100.0	125	100.0
None	1708	53.9	1211	51.7	418	59.5	79	63.2
1	659	20.8	511	21.8	126	17.9	22	17.6
2	556	17.5	437	18.7	99	14.1	20	16.0
3	186	5.9	134	5.7	49	7.0	3	2.4
4	45	1.4	38	1.6	6	0.9	1	0.8
5+	10	0.3	6	0.3	4	0.6	0	0.0
Unknown	5	0.2	5	0.2	0	0.0	0	0.0

CHILD

Notes:

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

Source:

Delaware Health Statistics Center

The background of the slide features a pattern of approximately 10 parallel, diagonal gray lines. These lines are evenly spaced and run from the top-left towards the bottom-right, creating a textured, geometric backdrop.

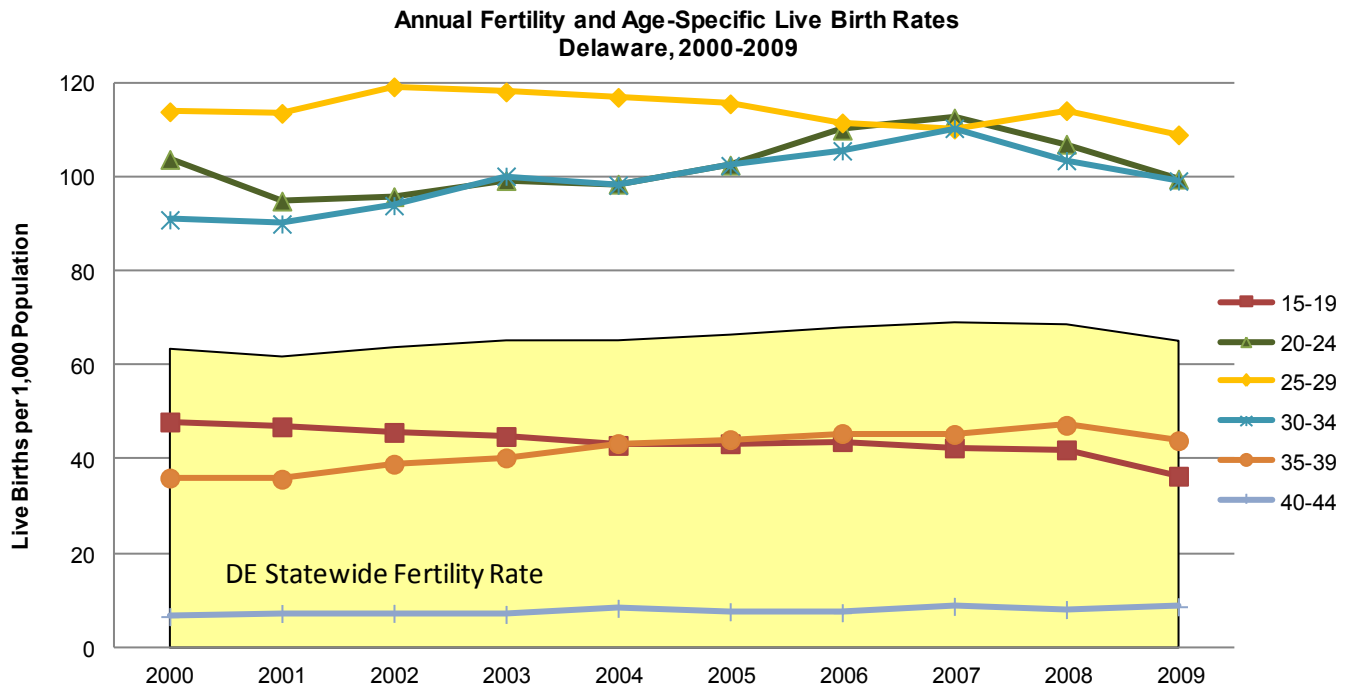
Live Births

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LIVE BIRTHS

In 2009, there were 11,989 births in Delaware, 10,982 were to Delaware residents and 1,007 were to non-residents. Additionally, 387 births to Delaware residents occurred out of state, for a total of 11,369 Delaware resident births, 647 fewer than in 2008.

The recent national declines in general fertility and live birth rates were also apparent in Delaware statistics. From 2007 to 2009, the general fertility rate (number of births per 1,000 women aged 15-44 years) declined from a high of 69.2 to 65.3 births per 1,000 women aged 15-44. The largest decline was seen in the birth rate of teens (15-19 years), women ages 20-24, and women ages 30-34; birth rates for all three groups decreased by 10 percent or more. Recent changes in the birth rates of women 35 and older were not significant and did not reduce the considerable increases gained through the 1990s and mid-2000s.



Source: Delaware Health Statistics Center

The 2007 to 2009 decline seen in teens aged 15-19 was apparent in both the 15-17 and 18-19 age groups, whose birth rates declined by 19 and 14 percent respectively. Birth rates for teens in both age groups were highest in Sussex County.

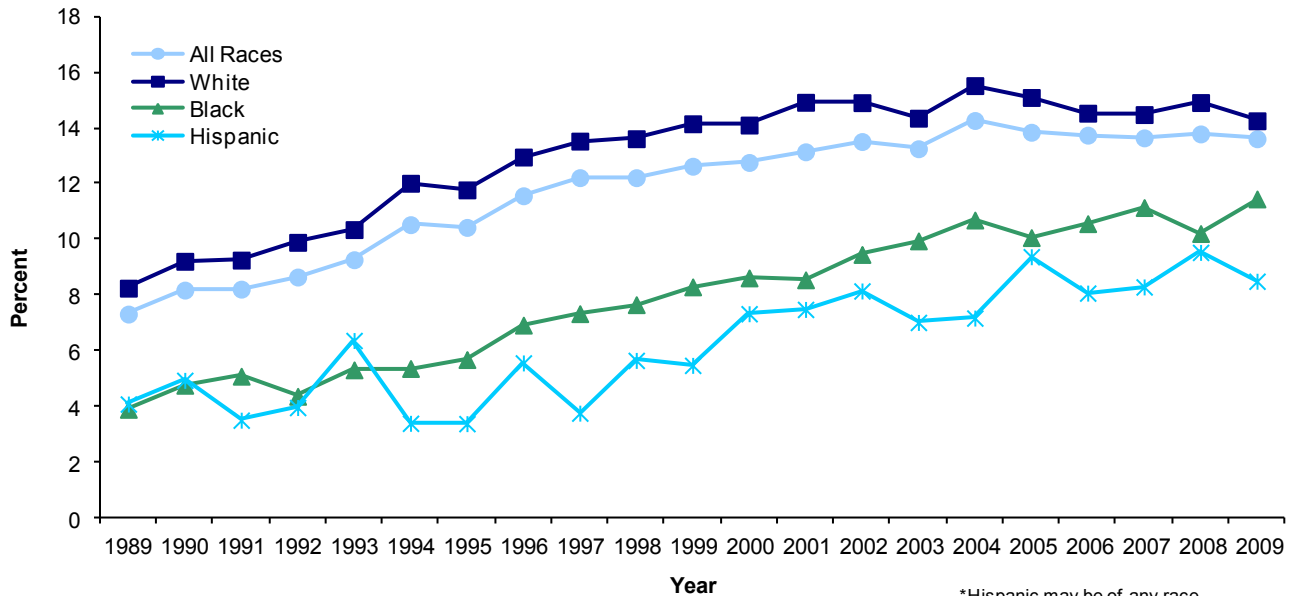
The general fertility rate for white women also decreased, though general fertility rates for black women demonstrated no significant change between 2007 and 2009.

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

LIVE BIRTHS

Between 1989 and 2004, the percentage of births to women 35 and older exhibited a clear upward trend that has since stabilized. In 2009, 13.6 percent of all births were to women 35 and older, versus 7.3 percent of all births in 1989.

Annual Percent of Live Births to Women 35 or Older by Race and Hispanic Origin*
Delaware, 1989-2009

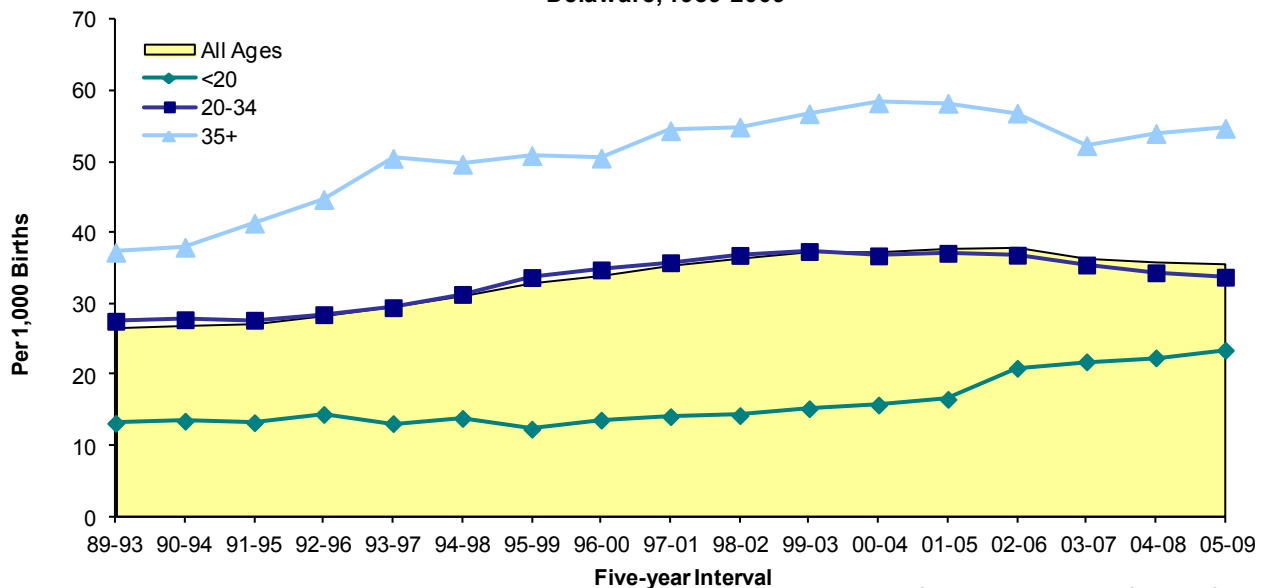


*Hispanic may be of any race.

Source: Delaware Health Statistics Center

For mothers of all ages, the rate of plural births increased 34 percent between 1989-1993 and 2005-2009. In 2005-2009, older mothers (35+) had the highest plural birth rates, at 55 multiples per 1,000 births, more than double that of mothers under 20, and 62 percent higher than mothers 20-34.

Five-year Average Plural Birth Rate by Age of Mother
Delaware, 1989-2009



Source: Delaware Health Statistics Center

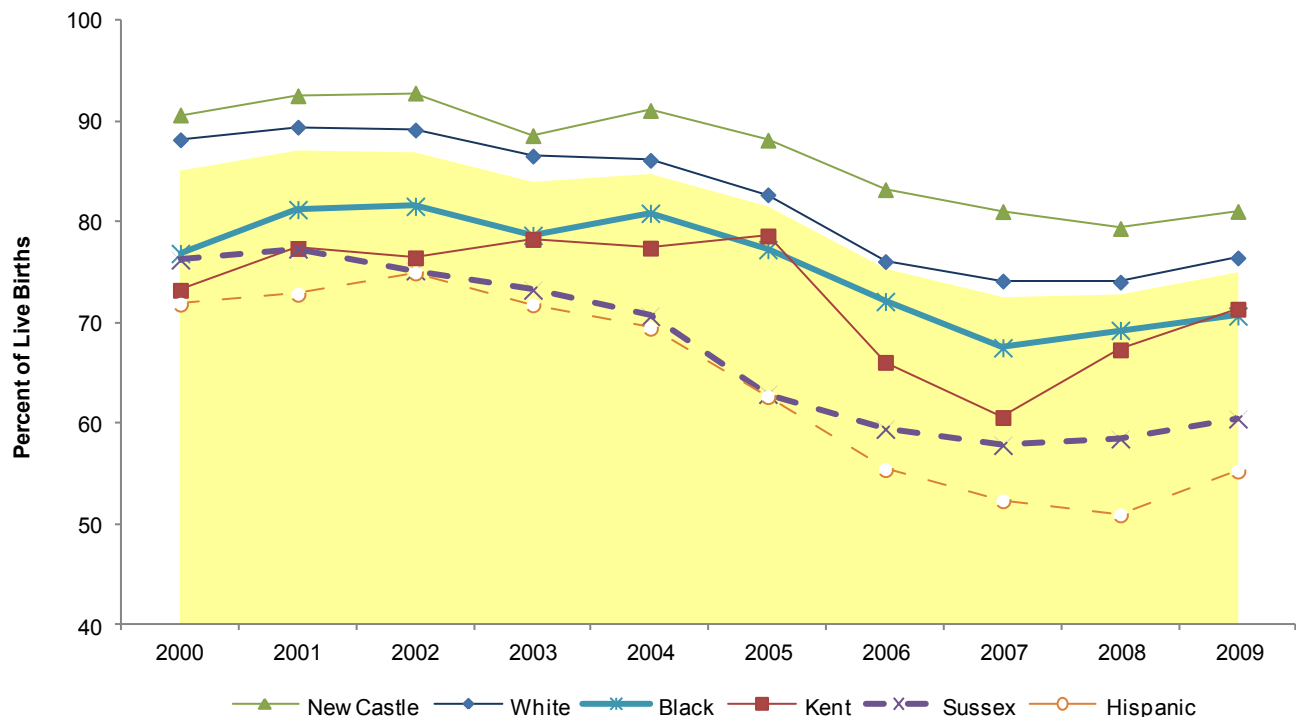
LIVE BIRTHS

Delaware's implementation of the 2003 revision of the US Standard birth certificate occurred in 2006. The new format affected the collection of certain maternal and infant data, including the timing of prenatal care (PNC). On a national scale, the changes in reporting of PNC attainment resulted in lower estimates of first trimester PNC attainment, which the National Center for Health Statistics attributed to changes in the data collection methodology rather than a true decrease.

The graph below shows a decrease in the percent of first trimester PNC attainment in Delaware as well. Though some of the decrease may be attributable to the modified birth certificate format, Delaware's decline began before implementation of the new certificate, and in many cases, continued in the following years, indicative of a true declining trend.

The decrease was most pronounced in mothers of Hispanic origin (regardless of residence), and mothers residing in Sussex County. In Sussex County percentages of first trimester PNC attainment began decreasing in 2002 and continued through 2007. Hispanic mothers also demonstrated a declining trend prior to, and following, the change in data collection, declining from 74.9 in 2002 to 50.9 percent in 2008.

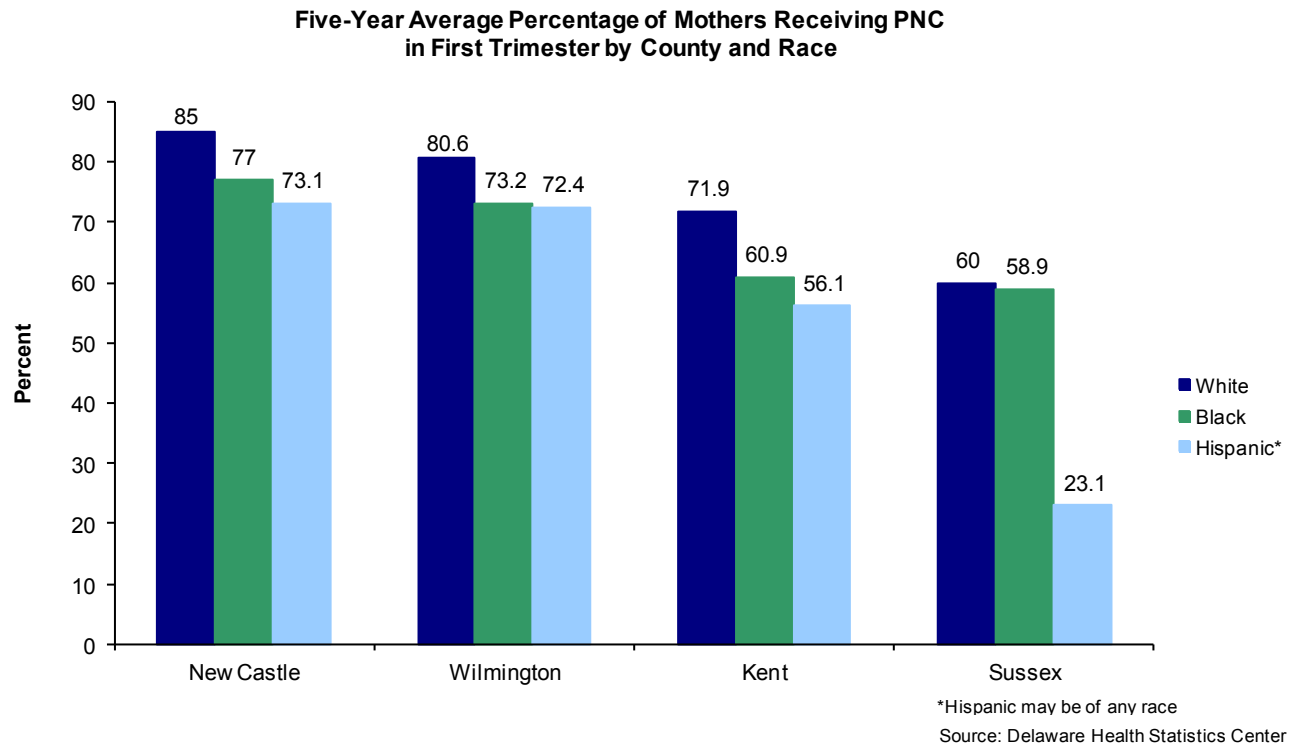
**Annual Percent of Births to Mothers Attaining Prenatal Care in the First Trimester
by Geography, Race, and Hispanic Origin
Delaware 2000 - 2009**



Hispanic may be of any race.
Source: Delaware Health Statistics Center

LIVE BIRTHS

The graph below illustrates how the percentages of prenatal care differ between the counties and their 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. 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.



Older mothers were more likely to obtain PNC in their first trimester and the proportion rose with each increase in age group. In 2005-2009, 82 percent of mothers 35 and older obtained PNC in the first trimester, versus 61 percent of mother under 20.

Married mothers were more likely than single moms to obtain PNC in the first trimester (83 versus 66 percent in 2005-2009).

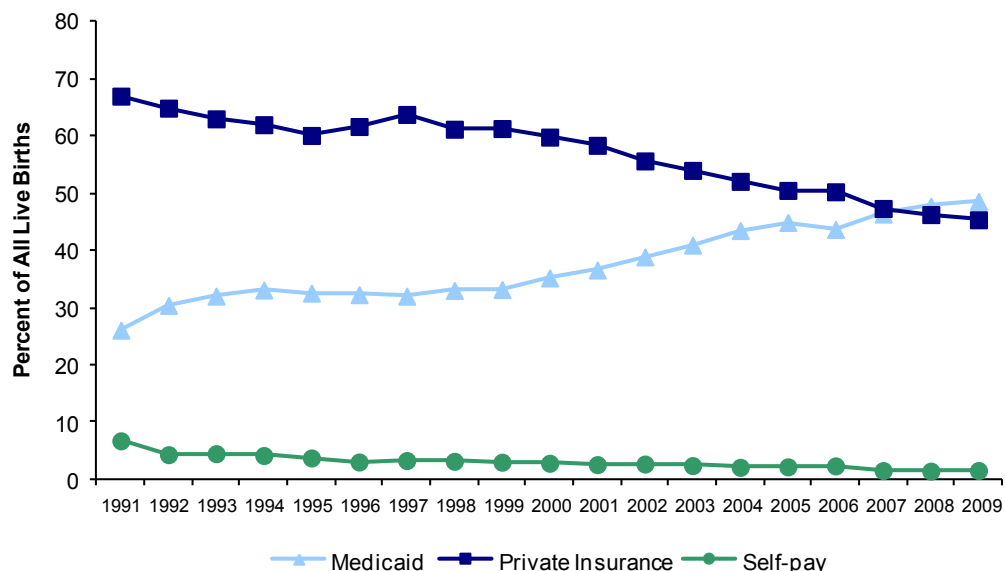
Mothers with private insurance were more likely to receive PNC in first trimester than mothers who had Medicaid or who had no insurance.

LIVE BIRTHS

In 2009, 94 percent of live births had either private insurance or Medicaid listed as the primary source of payment; the remaining 6 percent were split between other government coverage and self-pay.

- For only the second time, Medicaid paid for more births than private insurance.
- Medicaid was the primary source of payment for the majority of mothers under 20, covering 80 percent of both black and white mothers, and 77 percent of mothers of other races.

**Percent of Births by Source of Payment for Delivery
Delaware, 1991-2009**

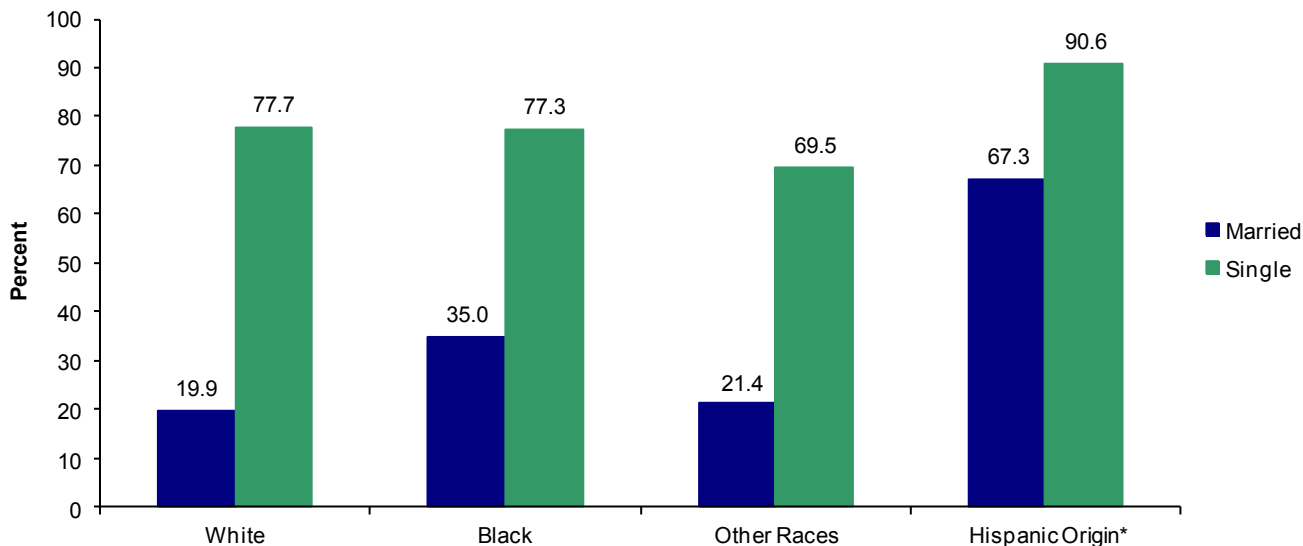


Source: Delaware Health Statistics Center

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

- 19.9 percent of white married women used Medicaid as their primary source of payment, but that number more than tripled, to 77.7 percent, for single white women.
- 35 percent of black married women used Medicaid as their primary source of payment, but that number more than doubled, to 77.3 percent, for single black women.
- 67.3 percent of Hispanic married women used Medicaid as their primary source of payment; that number increased to 90.6 percent for single Hispanic women.
- 21.4 percent of married women of other races used Medicaid as their primary source of payment, but that number was three times higher, at 69.5 percent, if the mother was single.

**Percent of Births by Race, Hispanic Origin, Marital Status, and Medicaid as Primary Source of Payment
Delaware, 2009**

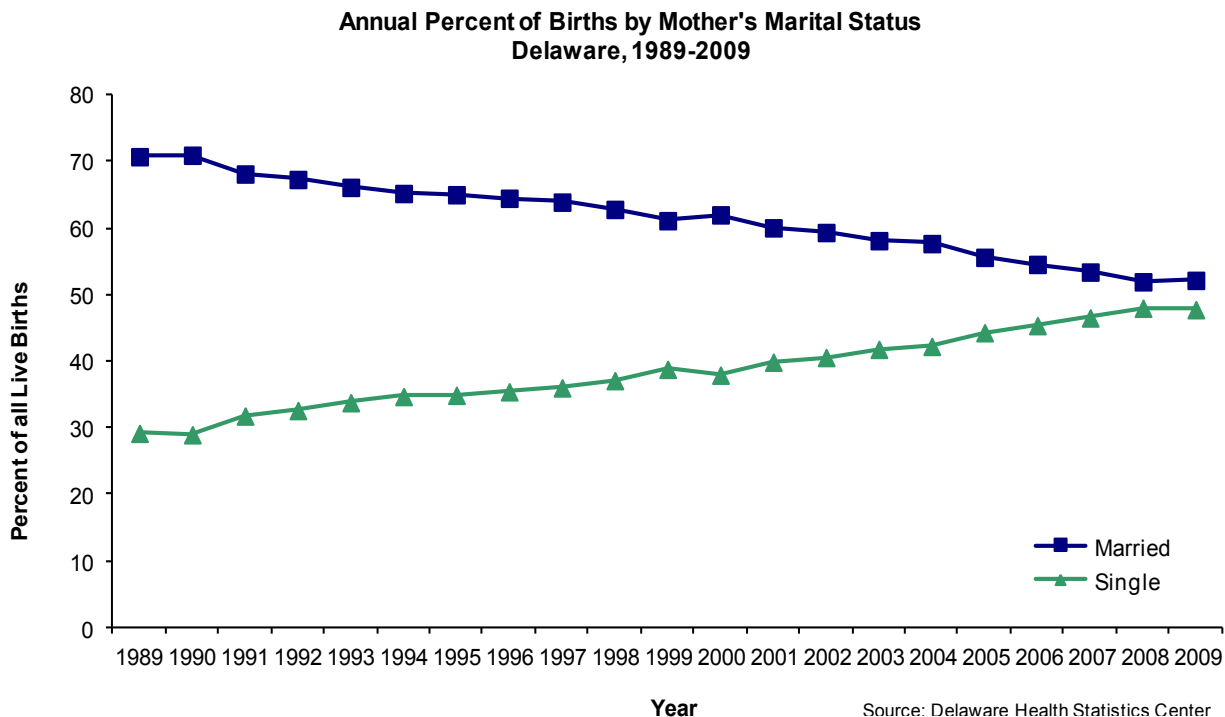


*Hispanic may be of any race.

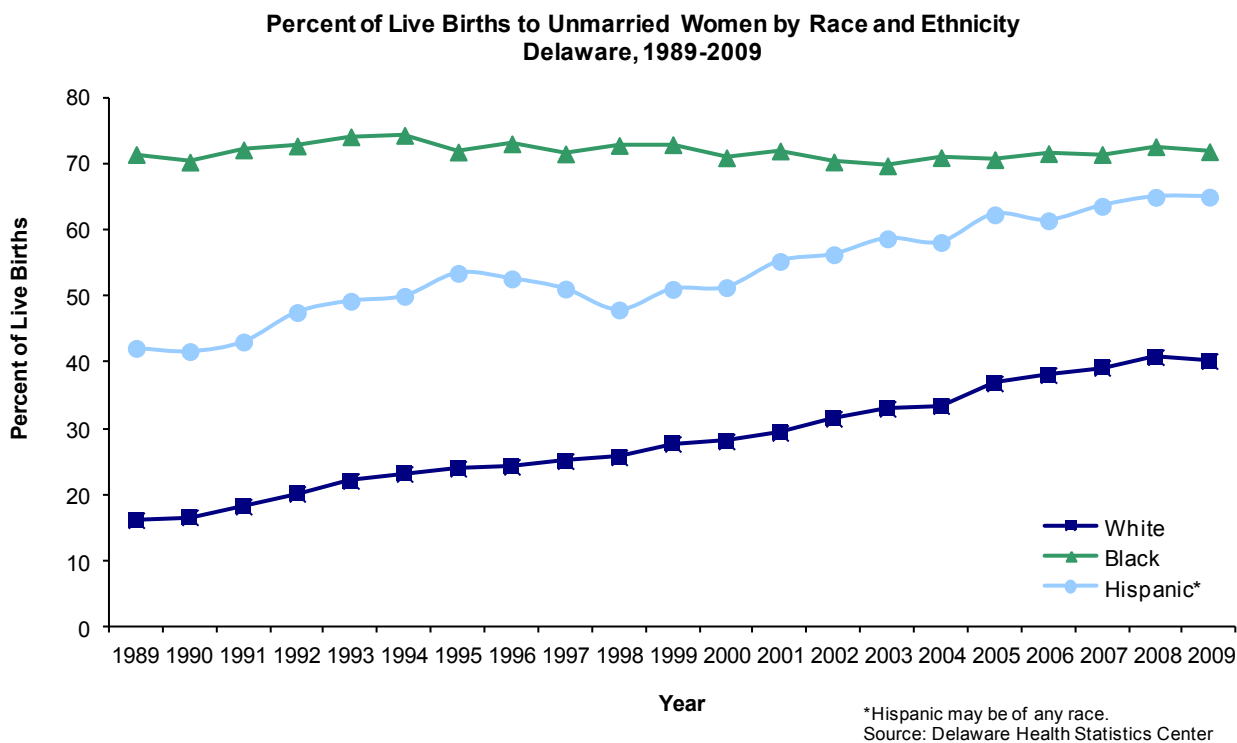
Source: Delaware Health Statistics Center

LIVE BIRTHS

From 1991 to 2008, the percent of births to unmarried women increased from 32 to 48 percent of all births. Though fewer infants were born to single mothers in 2009, the percentage remained the same.



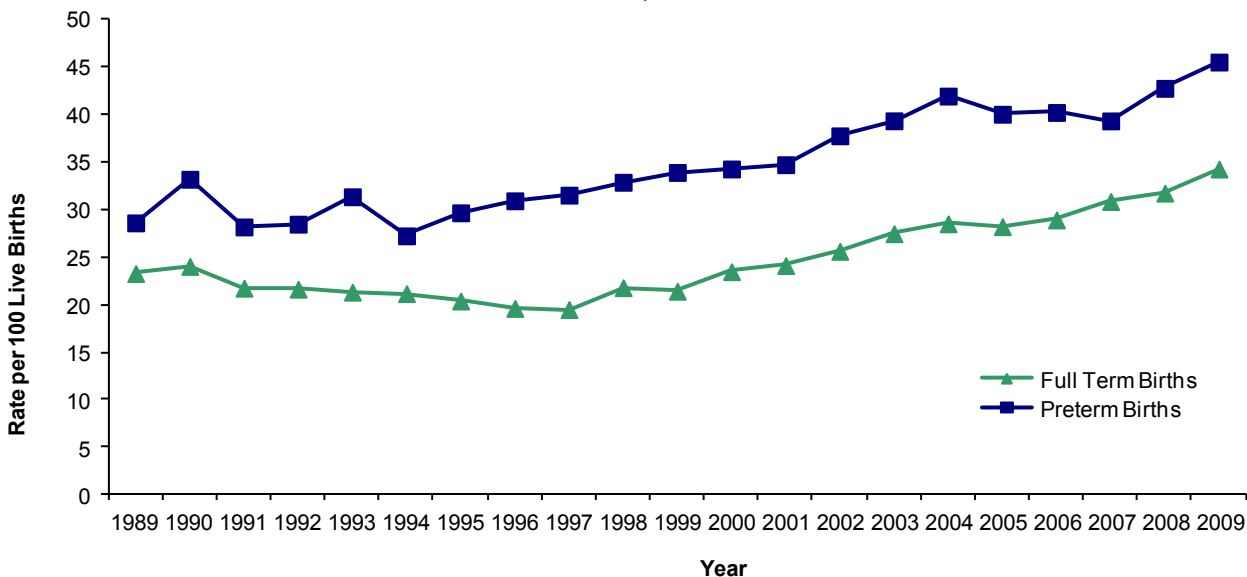
This shift in the distribution of mother's marital status was only apparent in births to white and Hispanic women, whose percentage of births to unmarried women increased from 16 to 40 percent, and 42 to 65 percent from 1989 to 2009. During the same time period, the percent of births to unmarried black women remained stable, at approximately 72 percent.



LIVE BIRTHS

From 1997 to 2009, the rate of cesarean deliveries increased 71 percent, to 36 per 100 live births. This increasing trend was apparent in both preterm (<37 weeks gestation) and term (37+ weeks gestation) births. Although term births demonstrated a greater increase in rates between 1997 and 2009, the c-section rate for preterm births remained significantly higher at 45.6 per 100 preterm births, versus 34.3 per 100 term births.

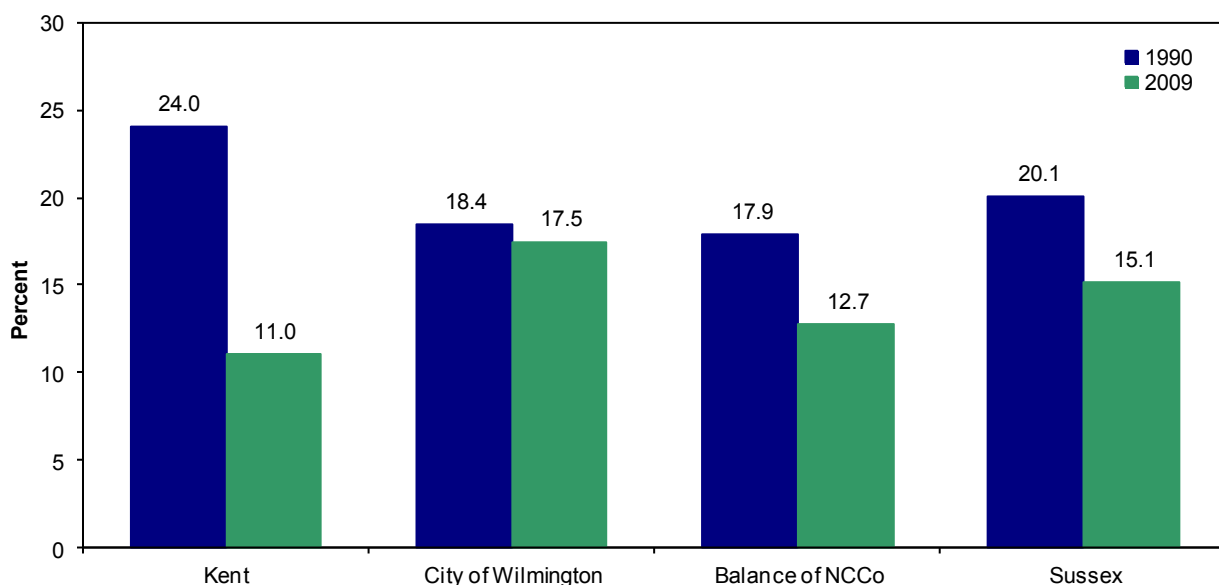
**Annual Rate of Cesarean Deliveries by Gestational Category
Delaware, 1989-2009**



Source: Delaware Health Statistics Center

From 1990 to 2009, the percentage of Delaware mothers who used tobacco while pregnant decreased in the three counties and in the city of Wilmington. In 2009, the city of Wilmington had the highest percentage of mothers who smoked while pregnant (17.5).

**Percent of Mothers who Smoked while Pregnant
Delaware Counties and City of Wilmington, 1990 and 2009**

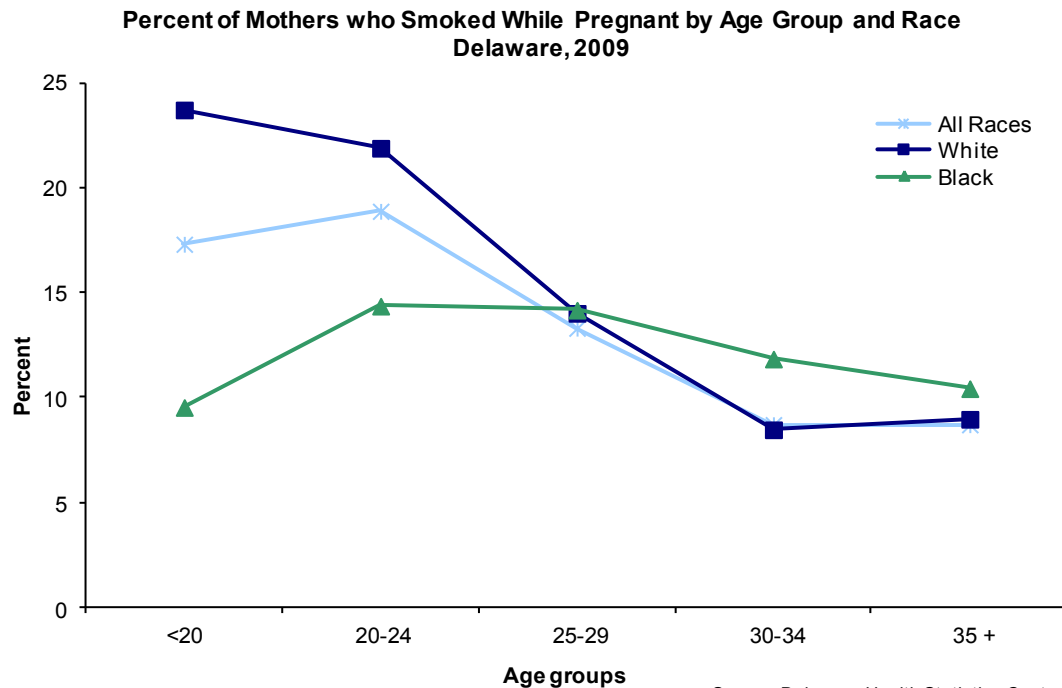


Source: Delaware Health Statistics Center

LIVE BIRTHS

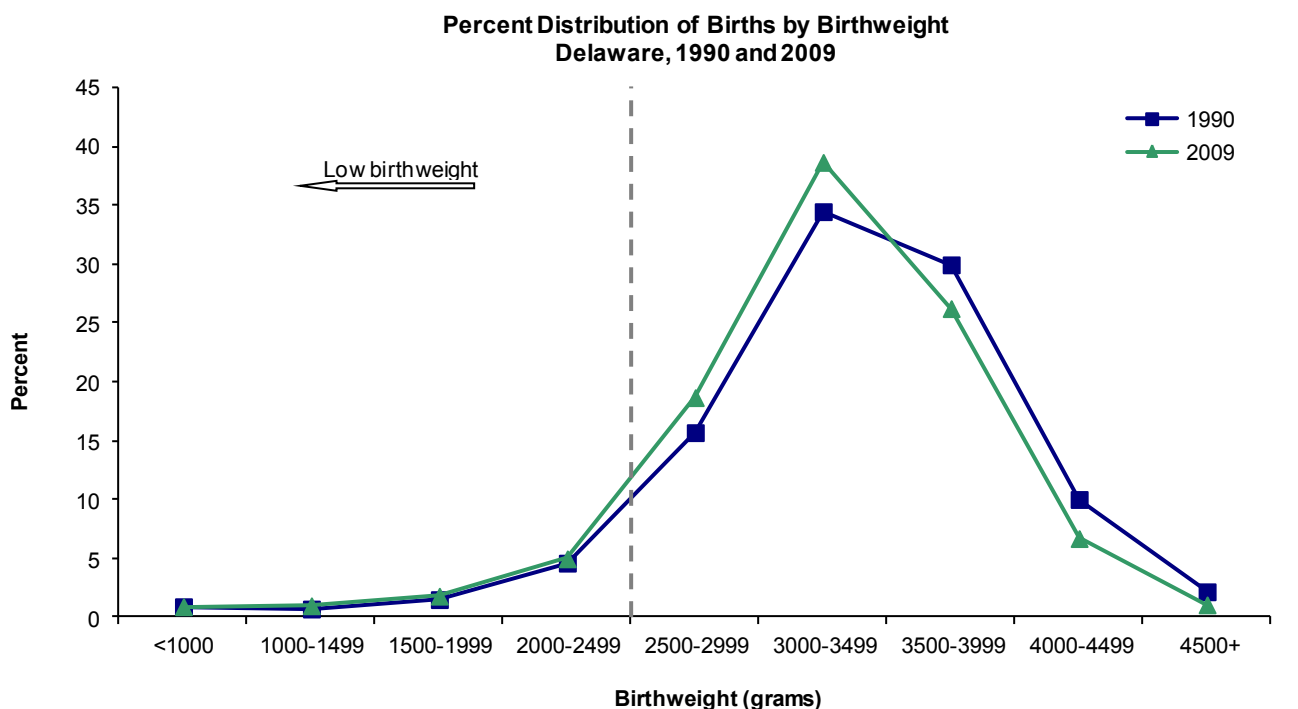
The largest percent of mothers who smoked while pregnant were white mothers under 20.

In the under 20 and 20-24 age groups, white mothers were more likely than black mothers to smoke while pregnant. In the 30 and older age groups, black mothers were more likely to smoke while pregnant.



In 2009, 13.8 percent of Delaware women who smoked while pregnant gave birth to low birthweight babies (< 2500 grams), versus the significantly lower percentage (7.8) of non-smokers who gave birth to low birthweight babies.

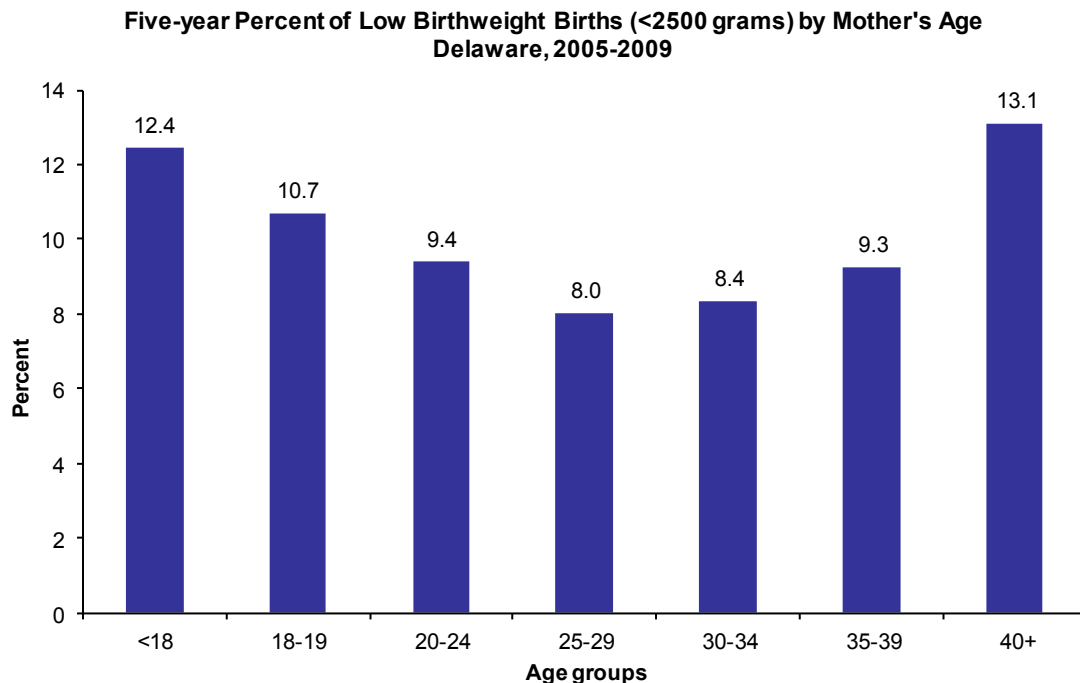
The percent distribution of births by birthweight did not differ significantly between 1990 and 2009. The greatest percentage of births fell within the 3,000 to 3,499 gram range.



LIVE BIRTHS

From 2004-2008 to 2005-2009, the five-year percent of low birthweight (LBW) births and very low birthweight (VLBW) births remained relatively stable at 9.0 and 2.0, respectively.

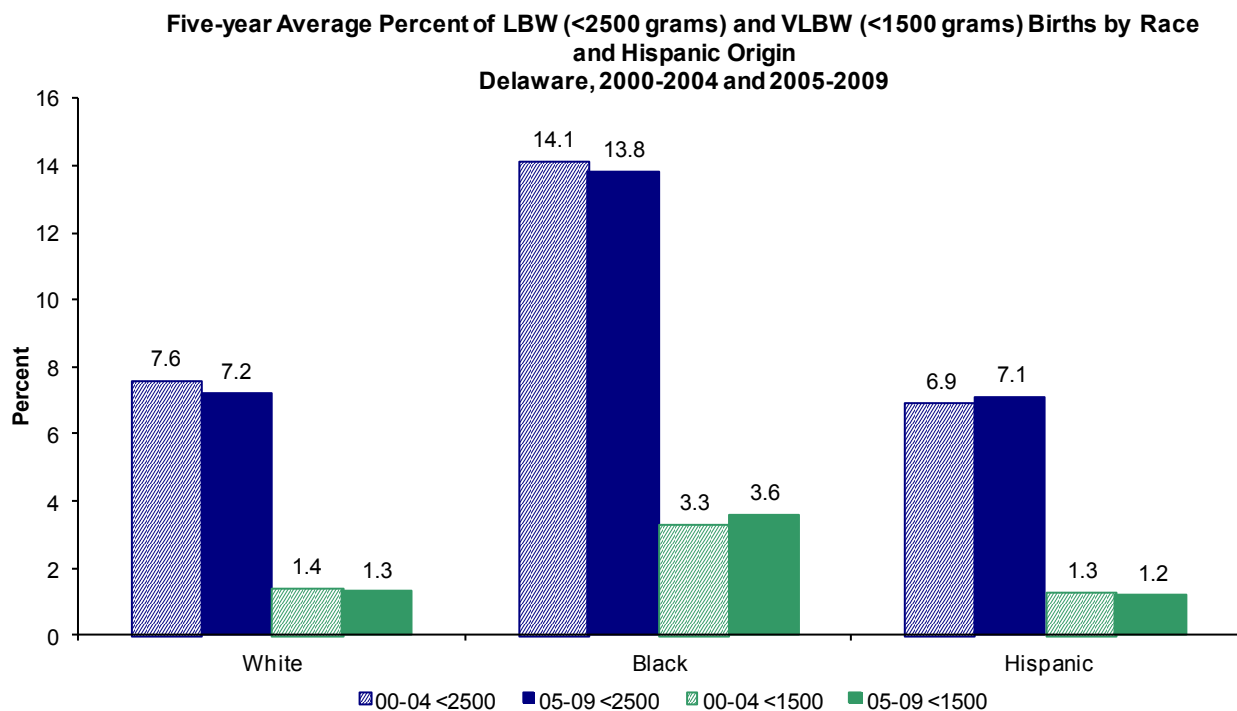
The percent of LBW births was greatest for mothers in the 40 and older age group (13.1 percent).



Source: Delaware Health Statistics Center

Among mothers of all ages, black mothers had the highest percentage of LBW and VLBW births, at 13.8 percent and 3.6 percent respectively.

Between 2000-2004 and 2005-2009, the percent of white infants born at low birthweight declined, while the percentages of black and Hispanic infants born at LBW remained stable.



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

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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1999-2009

(ALL RACES)

Area/ Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.	3959417	4058814	4025933	4021726	4089950	4112052	4138349	4265555	4316233	4247694	4131019*
<20	485104	477509	453725	432808	421241	422043	421315	441832	451094	440522	414870*
20-24	981929	1017806	1021627	1022106	1032305	1034454	1040388	1080437	1082354	1052184	1006055*
25-29	1078252	1087547	1058265	1060391	1086366	1104485	1131596	1181899	1208408	1195774	1166904*
30+	1414132	1475952	1492316	1506421	1550038	1551070	1545050	1561387	1574377	1559214	1543190*
Delaware	10666	11046	10747	11083	11337	11358	11603	11895	12097	12016	11369
<20	1415	1361	1285	1233	1227	1198	1239	1281	1251	1251	1085
20-24	2549	2703	2653	2799	2917	2861	2931	3056	3095	3000	2831
25-29	2888	2921	2781	2858	2878	2985	3101	3226	3335	3477	3280
30+	3814	4061	4028	4193	4315	4314	4332	4332	4416	4288	4173
Kent	1922	1957	1901	1902	2062	2010	2175	2231	2243	2294	2258
<20	296	266	278	230	243	242	266	246	252	235	209
20-24	561	647	606	598	713	660	670	679	685	672	719
25-29	523	521	484	521	507	531	603	625	689	669	687
30+	542	523	533	553	599	577	636	681	617	718	643
New Castle	6917	7110	6812	7163	7174	7120	7172	7300	7357	7229	6794
<20	808	795	689	730	712	667	654	716	669	695	613
20-24	1465	1472	1445	1587	1577	1502	1562	1652	1599	1554	1424
25-29	1854	1894	1761	1852	1840	1858	1922	1953	1965	2081	1921
30+	2790	2949	2917	2994	3045	3093	3034	2979	3124	2899	2836
Wilmington	1228	1253	1184	1254	1219	1162	1207	1341	1290	1295	1237
<20	276	297	246	274	243	222	218	243	221	238	193
20-24	406	371	363	396	395	375	351	423	399	375	360
25-29	257	284	249	253	249	252	285	317	309	337	312
30+	289	301	326	331	332	313	353	358	361	345	372
Balance of NC County	5689	5857	5628	5909	5955	5958	5965	5959	6067	5934	5557
<20	532	498	443	456	469	445	436	473	448	457	420
20-24	1059	1101	1082	1191	1182	1127	1211	1229	1200	1179	1064
25-29	1597	1610	1512	1599	1591	1606	1637	1636	1656	1744	1609
30+	2501	2648	2591	2663	2713	2780	2681	2621	2763	2554	2464
Sussex	1827	1979	2034	2018	2101	2228	2256	2364	2497	2493	2317
<20	311	300	318	273	272	289	319	319	330	321	263
20-24	523	584	602	614	627	699	699	725	811	774	688
25-29	511	506	536	485	531	596	576	648	681	727	672
30+	482	589	578	646	671	644	662	672	675	671	694

Note:

*U.S. data for 2009 are preliminary.

RESLVB1

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, 1999-2009

(WHITE)

Area/ Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.	3132501	3194005	3177626	3174760	3225848	3222928	3229294	3310308	3336626	3274163	N/A
<20	342627	337452	322658	309872	302024	300858	298910	311947	318103	309714	N/A
20-24	748371	772811	779529	783000	790910	788264	790445	818253	818503	791852	N/A
25-29	873654	874180	850343	851142	871496	880870	899406	935928	954168	942837	N/A
30+	1167849	1209562	1225096	1230746	1261418	1252936	1240533	1244180	1245852	1229760	N/A
Delaware	7595	7889	7557	7772	7823	7897	8113	8318	8264	8172	7573
<20	750	740	672	655	691	653	714	743	703	709	590
20-24	1586	1717	1655	1778	1820	1817	1910	1965	1994	1890	1776
25-29	2183	2179	2036	2063	2035	2102	2224	2356	2349	2409	2252
30+	3076	3253	3194	3276	3277	3325	3265	3254	3218	3164	2955
Kent	1388	1412	1355	1350	1444	1388	1529	1573	1541	1584	1527
<20	174	164	157	128	146	125	146	132	154	133	109
20-24	387	439	417	411	463	442	459	452	432	442	466
25-29	395	399	358	373	373	370	437	472	504	473	481
30+	432	410	423	438	462	451	487	517	451	536	471
New Castle	4884	5032	4750	4921	4885	4816	4846	4842	4756	4592	4248
<20	406	402	357	378	380	343	363	388	342	346	311
20-24	850	891	863	933	956	881	964	953	931	876	803
25-29	1377	1383	1257	1313	1281	1257	1313	1346	1280	1334	1231
30+	2251	2356	2273	2297	2268	2335	2206	2155	2203	2036	1903
Wilmington	419	465	439	462	477	437	475	497	476	450	422
<20	47	66	55	64	62	51	61	53	43	51	41
20-24	103	109	97	96	116	112	109	120	121	89	104
25-29	105	128	105	108	112	104	117	141	119	139	103
30+	164	162	182	194	187	170	188	183	193	171	174
Balance of NC County	4465	4567	4311	4459	4408	4379	4371	4345	4280	4142	3826
<20	359	336	302	314	318	292	302	335	299	295	270
20-24	747	782	766	837	840	769	855	833	810	787	699
25-29	1272	1255	1152	1205	1169	1153	1196	1205	1161	1195	1128
30+	2087	2194	2091	2103	2081	2165	2018	1972	2010	1865	1729
Sussex	1323	1445	1452	1501	1494	1693	1738	1903	1967	1996	1798
<20	170	174	158	149	165	185	205	223	207	230	170
20-24	349	387	375	434	401	494	487	560	631	572	507
25-29	411	397	421	377	381	475	474	538	565	602	540
30+	393	487	498	541	547	539	572	582	564	592	581

Note:

N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

RESLVB2

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

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1999-2009

(BLACK)

Area/ Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.	605970	622598	606156	593691	599847	616074	633134	666481	675676	670809	N/A
<20	125143	122762	114298	106983	103677	105620	106742	113615	116006	114249	N/A
20-24	193211	202596	199221	194704	196268	200398	203716	213877	215052	212493	N/A
25-29	138868	141968	137400	136591	139947	147858	156161	166860	170270	169068	N/A
30+	148748	155272	155237	155413	159955	162198	166515	172129	174348	174999	N/A
Delaware	2664	2634	2702	2706	2865	2870	2881	3019	3257	3251	3178
<20	630	597	568	540	504	516	494	523	531	526	482
20-24	880	890	903	912	981	946	936	1014	1038	1035	967
25-29	579	549	590	597	617	687	683	690	791	847	825
30+	575	598	641	657	763	721	768	792	897	843	904
Kent	489	464	479	478	559	529	549	578	645	645	649
<20	116	98	115	97	93	110	103	110	95	99	93
20-24	161	191	169	171	237	195	192	211	237	217	230
25-29	117	89	109	117	118	133	139	125	168	175	186
30+	95	86	86	93	111	91	115	132	145	154	140
New Castle	1758	1744	1780	1858	1878	1879	1878	2026	2134	2157	2075
<20	391	389	328	344	323	307	285	320	320	339	297
20-24	577	535	555	610	583	569	550	648	627	630	570
25-29	383	387	400	413	404	451	458	469	520	564	531
30+	407	433	497	491	568	552	585	589	667	624	677
Wilmington	791	775	734	775	728	707	710	821	803	824	796
<20	226	231	191	210	178	167	157	186	176	185	151
20-24	299	257	262	294	277	260	238	299	277	285	256
25-29	148	153	139	140	134	143	159	170	186	192	199
30+	118	134	142	131	139	137	156	166	164	162	190
Balance of NC County	967	969	1046	1083	1150	1172	1168	1205	1331	1333	1279
<20	165	158	137	134	145	140	128	134	144	154	146
20-24	278	278	293	316	306	309	312	349	350	345	314
25-29	235	234	261	273	270	308	299	299	334	372	332
30+	289	299	355	360	429	415	429	423	503	462	487
Sussex	417	426	443	370	428	462	454	415	478	449	454
<20	123	110	125	99	88	99	106	93	116	88	92
20-24	142	164	179	131	161	182	194	155	174	188	167
25-29	79	73	81	67	95	103	86	96	103	108	108
30+	73	79	58	73	84	78	68	71	85	65	87

RESLVBR3

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, 1999-2009

(HISPANIC ORIGIN¹)

Area/ Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.	764339	815868	851851	876642	912329	946349	985505	1039077	1062779	1041239	999633*
<20	127402	132107	132562	130321	130880	135400	139372	148125	150974	147240	138347*
20-24	231475	247552	258431	265235	273311	279746	287896	303454	305262	293054	274746*
25-29	203985	218167	227910	236143	246361	254358	266590	280615	287942	281319	270661*
30+	201477	218042	232948	244943	261777	276845	291647	306883	318601	319626	315879*
Delaware	858	1023	1082	1313	1382	1519	1674	1920	1917	1846	1659
<20	143	163	190	204	217	206	271	290	254	275	223
20-24	308	332	365	432	460	527	560	614	654	565	526
25-29	250	287	304	369	382	433	417	551	539	498	470
30+	157	241	223	308	323	353	426	465	470	508	440
Kent	83	90	105	110	121	143	165	169	201	185	201
<20	17	10	17	20	17	25	32	25	31	28	31
20-24	23	30	32	40	46	66	54	49	67	54	75
25-29	28	34	28	34	25	29	35	49	65	40	50
30+	15	16	28	16	33	23	44	46	38	63	45
New Castle	545	657	685	817	862	906	990	1183	1070	1015	907
<20	96	108	123	138	148	124	157	185	135	154	137
20-24	185	214	232	248	274	291	324	379	340	293	269
25-29	147	168	181	236	233	260	247	331	285	290	255
30+	117	167	149	195	207	231	262	288	310	278	246
Wilmington	177	194	185	217	221	205	223	267	228	200	174
<20	33	47	34	52	54	38	48	50	37	38	30
20-24	67	67	60	75	79	77	75	94	89	64	61
25-29	42	41	55	49	53	52	55	70	48	65	49
30+	35	39	36	41	35	38	45	53	54	33	34
Balance of NC County	368	463	500	600	641	701	767	916	842	815	733
<20	63	61	89	86	94	86	109	135	98	116	107
20-24	118	147	172	173	195	214	249	285	251	229	208
25-29	105	127	126	187	180	208	192	261	237	225	206
30+	82	128	113	154	172	193	217	235	256	245	212
Sussex	230	276	292	386	399	470	519	568	646	646	551
<20	30	45	50	46	52	57	82	80	88	93	55
20-24	100	88	101	144	140	170	182	186	247	218	182
25-29	75	85	95	99	124	144	135	171	189	168	165
30+	25	58	46	97	83	99	120	131	122	167	149

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 2009 are preliminary.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

RESLVBR4

TABLE C-5
FIVE-YEAR AVERAGE TEENAGE LIVE BIRTH RATES BY AGE AND RACE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1990-2009

Age/Area/ Race	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	2003 -2007	2004 -2008	2005 -2009
Teens 15-19																
U.S.	60.1	59.3	57.7	56.0	54.4	52.6	50.8	49.0	47.2	45.3	43.6	42.2	41.5	41.4	41.4	41.0*
White	51.4	51.2	50.2	49.0	47.9	46.7	45.4	44.0	42.7	41.2	39.8	38.6	38.0	37.9	37.9	N/A
Black	110.5	106.9	101.6	96.8	92.2	87.7	84.0	80.5	76.3	71.9	68.4	65.3	63.9	63.5	63.4	N/A
Delaware	56.5	56.5	55.3	54.3	53.2	52.0	50.7	49.5	48.4	47.2	45.7	44.7	44.1	43.5	42.9	41.6
White	39.1	39.9	39.5	39.5	38.8	38.4	37.7	37.2	36.5	36.2	35.3	35.0	35.5	35.6	35.4	34.6
Black	123.0	119.4	113.7	108.2	104.0	98.8	94.9	90.1	86.0	81.1	77.0	73.0	69.9	67.5	66.2	63.8
Kent	67.3	66.8	64.3	61.4	58.0	56.7	55.2	54.7	52.5	51.6	48.8	47.8	45.4	45.2	44.1	42.7
White	54.8	53.9	53.3	52.3	50.8	50.5	50.6	49.8	46.2	44.4	40.1	38.0	35.6	36.3	35.2	34.3
Black	104.1	102.4	92.5	83.5	74.0	70.2	66.4	67.3	69.3	72.2	74.2	75.7	73.9	71.3	69.9	66.6
New Castle	48.2	48.2	47.7	46.1	45.8	44.9	44.1	42.6	43.0	42.3	41.2	40.0	40.0	38.5	37.5	36.3
White	31.6	32.5	32.6	31.3	30.9	30.4	29.9	29.5	30.7	31.2	30.9	30.9	31.6	30.6	29.8	29.0
Black	117.8	113.1	108.9	105.4	104.2	100.9	98.5	91.4	86.3	79.9	74.3	68.1	65.4	61.7	60.2	58.0
Wilmington	134.0	129.9	126.7	125.5	121.8	119.3	118.5	111.7	108.2	104.2	99.8	93.8	92.3	87.3	85.8	82.7
White	104.5	98.6	101.4	101.2	94.5	93.9	100.6	97.7	102.6	103.9	104.4	102.4	100.9	95.3	92.3	89.8
Black	162.4	158.3	151.7	149.4	145.4	141.4	138.2	129.0	122.0	115.3	108.2	99.7	97.4	91.8	90.8	87.6
Sussex	80.7	81.4	79.0	82.7	80.7	77.8	73.8	72.0	64.8	60.7	58.0	57.4	56.5	58.5	60.0	58.6
White	56.1	57.6	56.0	63.1	62.3	61.4	58.4	55.7	48.3	45.5	44.7	44.7	47.1	49.7	52.7	51.4
Black	165.9	164.0	158.9	153.5	146.7	134.0	124.5	119.1	107.7	97.1	91.3	90.3	84.4	88.6	88.7	87.9
Teens 15-17																
U.S.	37.8	37.5	36.5	35.3	33.8	32.1	30.3	28.4	26.7	25.1	23.8	22.7	22.2	22.0	21.8	21.5*
Delaware	41.6	41.8	41.4	39.5	38.0	35.8	33.8	31.5	29.3	27.5	25.9	24.4	23.3	22.9	22.4	21.0
Kent	42.3	41.3	41.2	38.1	35.4	33.4	31.8	30.3	28.7	27.5	25.1	24.2	21.7	21.3	20.8	20.1
New Castle	38.3	38.8	38.5	36.2	34.9	33.3	31.8	29.5	28.3	26.9	25.0	23.2	22.4	21.6	20.7	19.4
Sussex	53.4	53.7	52.7	53.8	52.9	48.0	43.2	40.0	33.1	29.2	29.6	28.7	28.1	29.3	30.1	27.6
Teens 18-19																
U.S.	92.0	91.7	89.9	87.7	85.8	83.7	81.6	79.8	77.8	75.4	73.3	71.6	71.0	71.2	71.2	70.4*
Delaware	73.9	74.7	73.2	73.8	73.4	73.3	72.6	73.1	74.1	74.7	74.5	75.6	76.2	75.2	74.3	72.7
Kent	101.9	105.0	100.7	99.5	95.6	94.2	91.0	91.1	87.4	87.0	84.4	84.0	81.8	81.0	78.4	75.5
New Castle	58.6	58.8	58.3	57.9	58.8	58.6	58.5	58.2	61.1	62.3	64.0	65.5	67.4	65.0	63.9	62.5
Sussex	122.3	123.4	119.5	127.9	125.3	126.9	125.3	126.2	118.0	112.8	103.8	101.6	99.5	102.7	104.4	104.2

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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 2009 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, 1985-2009

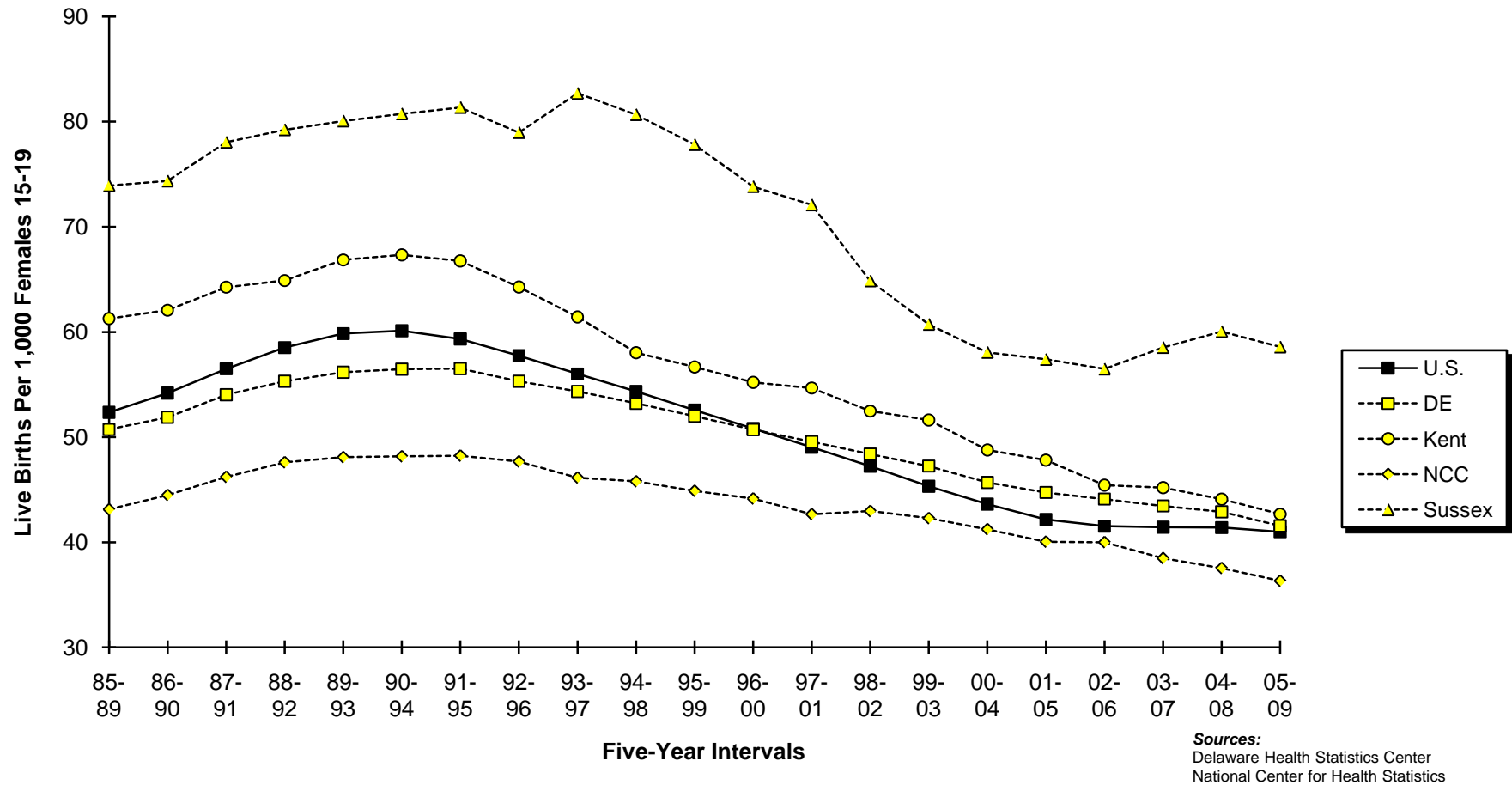


Fig. C-2

Five-year Average Percent Live Births to Teens (15-19) by Census County Division* Delaware, 2005-2009

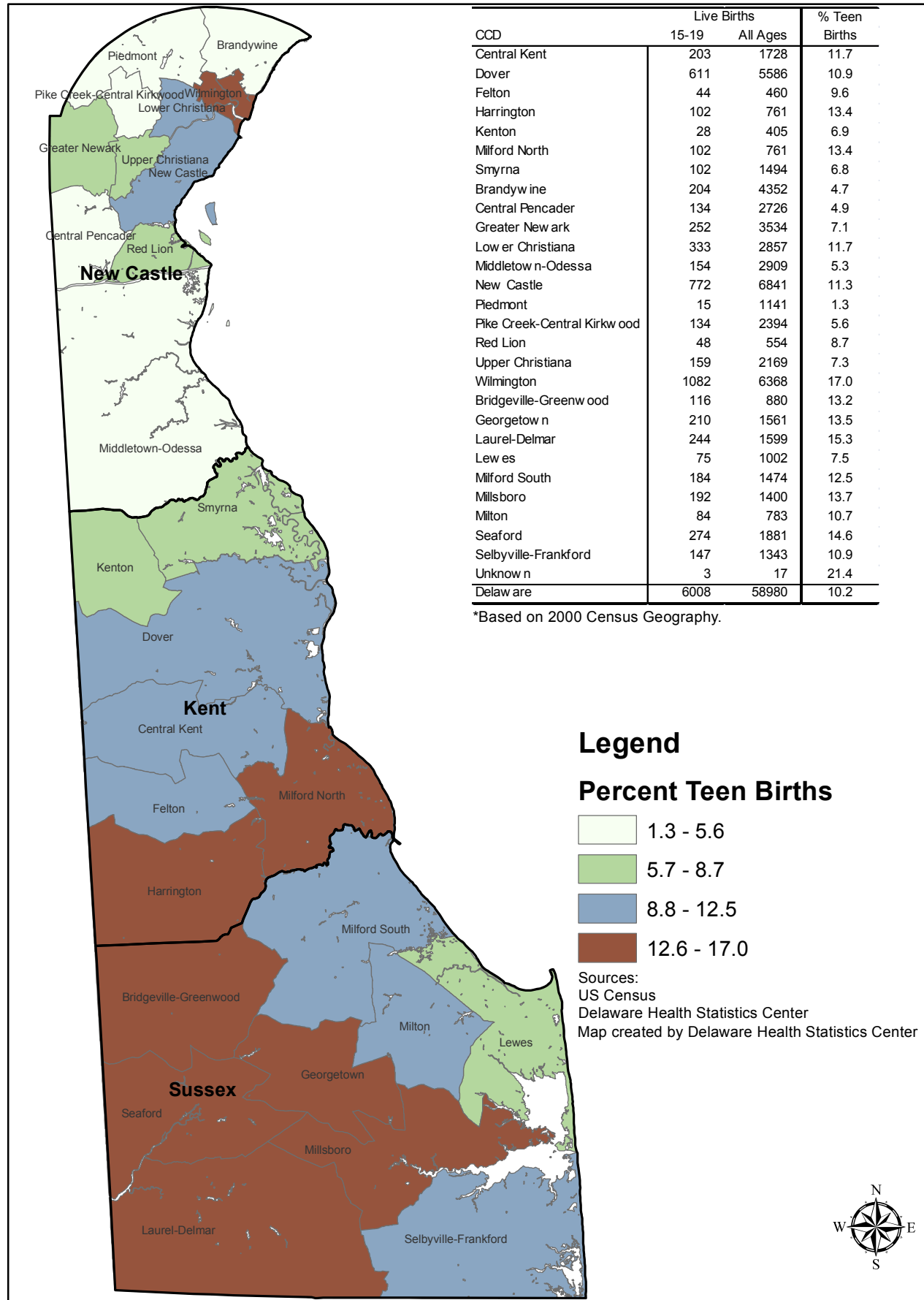
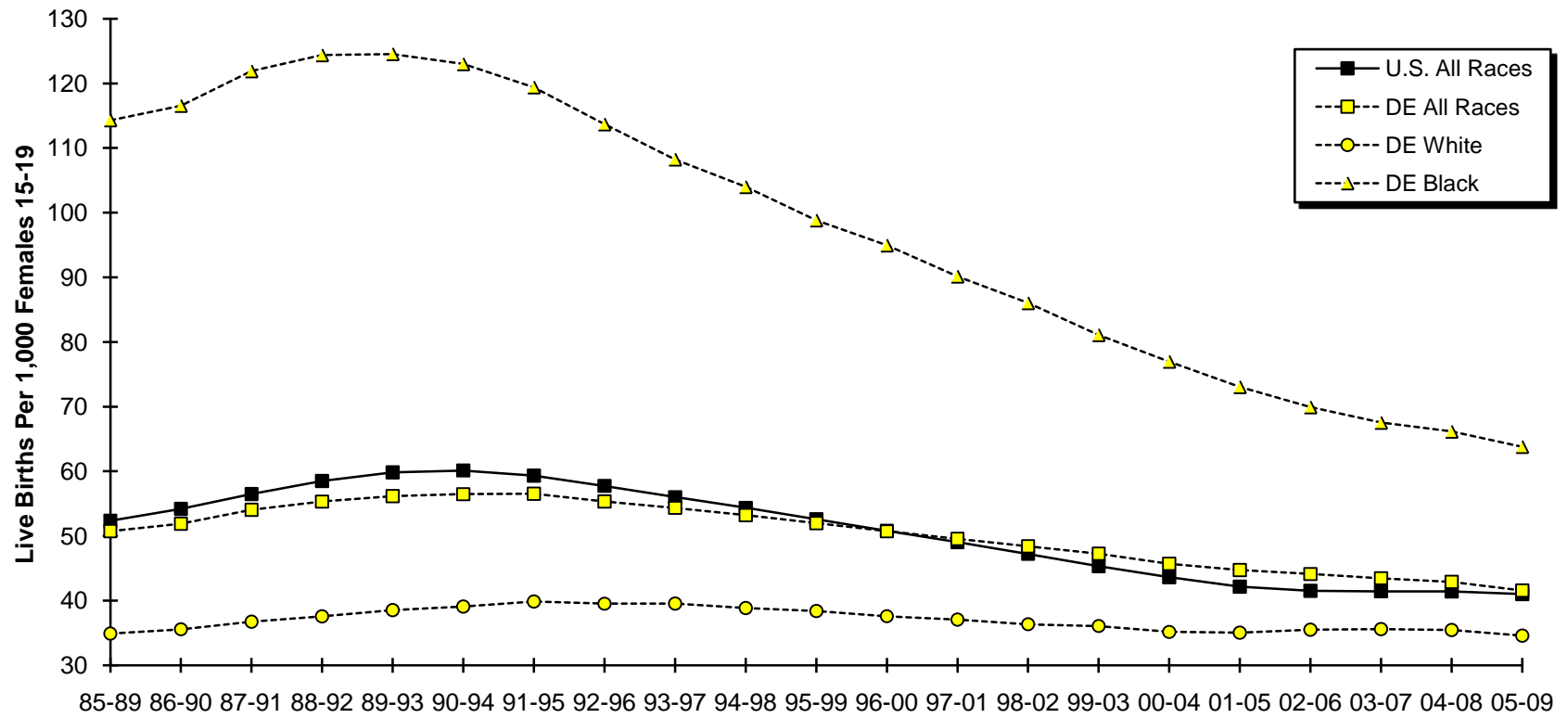


Figure C-3
Five-Year Average Teenage (15-19) Live Birth Rates by Race
U.S. and Delaware, 1985-2009



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, 1985-2009

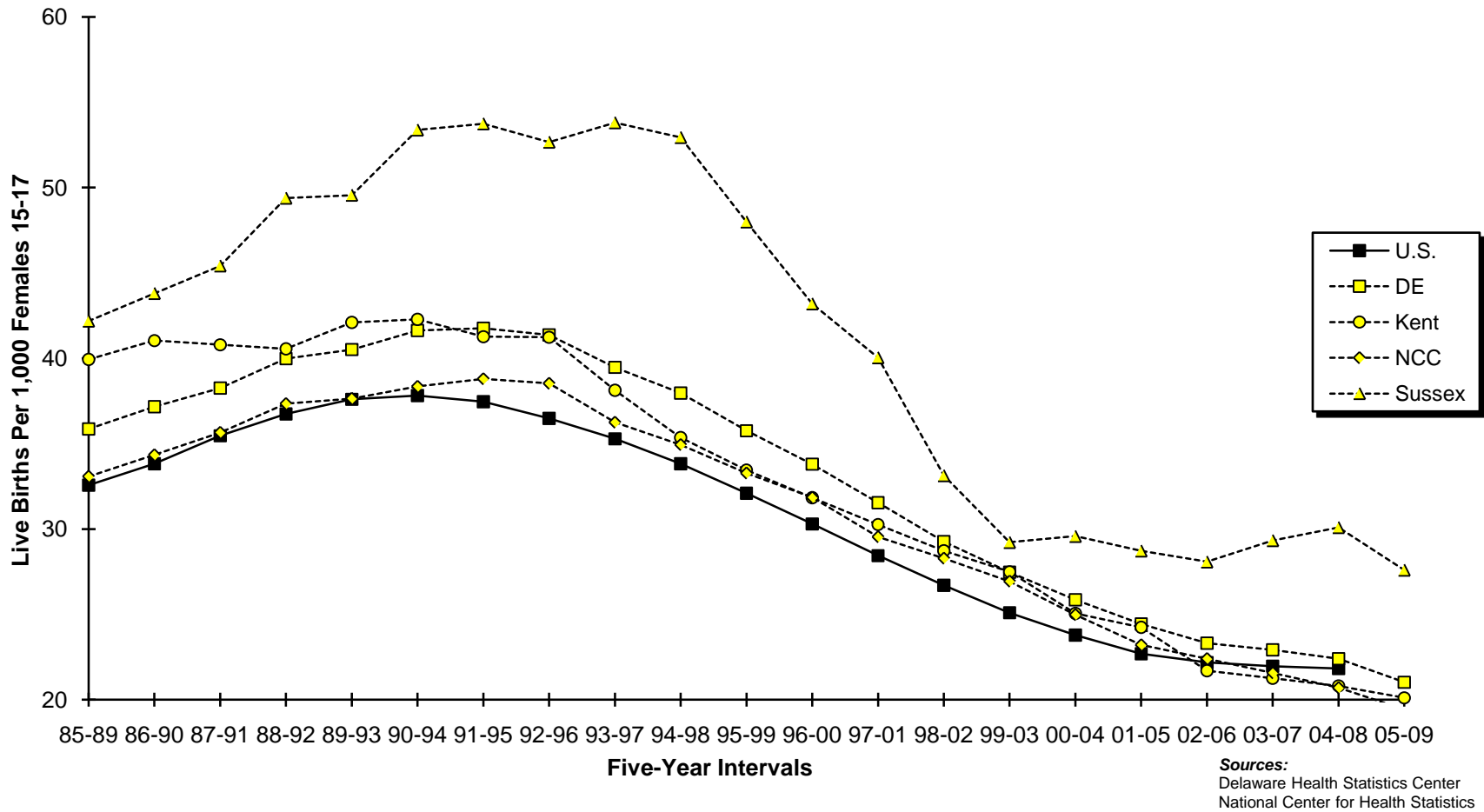
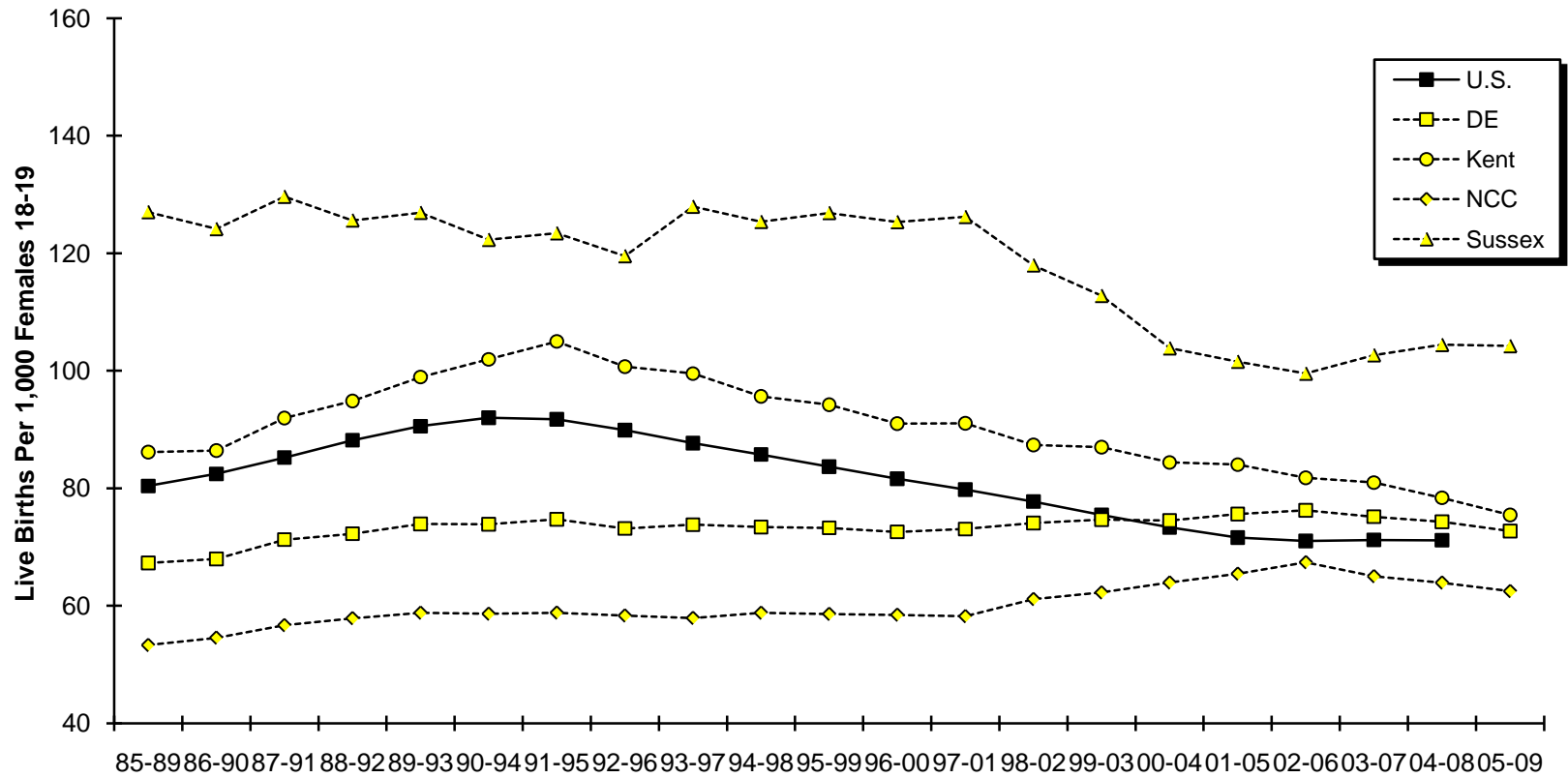


Figure C-5
Five-Year Average Teenage (18-19) Live Birth Rates

U.S., Delaware and Counties, 1985-2009



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, 1990-2009

(ALL RACES)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.																
General	68.7	67.6	66.7	65.9	65.5	65.4	65.4	65.4	65.5	65.6	65.8	66.0	66.7	67.6	68.1	68.1*
10-14	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	0.6	0.6	0.6*
15-19	60.1	59.3	57.7	56.0	54.4	52.6	50.8	49.0	47.2	45.3	43.6	42.2	41.5	41.4	41.4	41.0*
20-24	114.0	112.6	111.4	110.4	110.1	110.2	110.1	109.2	107.8	106.0	104.2	102.8	102.8	103.3	103.2	102.2*
25-29	117.2	115.6	114.5	113.6	113.7	114.4	114.8	114.9	115.2	115.2	114.9	115.3	116.1	116.7	116.2	115.0*
30-34	80.5	80.9	81.7	82.7	84.0	85.6	87.3	89.0	90.5	92.2	93.5	94.6	96.0	97.7	98.5	98.8*
35-39	32.5	33.1	33.7	34.4	35.3	36.3	37.4	38.4	39.5	40.8	42.3	43.7	45.1	46.4	47.1	47.2*
40-44	5.8	6.1	6.3	6.6	6.8	7.0	7.3	7.6	7.8	8.1	8.4	8.7	8.9	9.2	9.4	9.6*
45-49**	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	0.6	0.6	0.6*
Delaware																
General	65.4	63.9	62.2	61.3	60.8	60.7	61.3	61.7	62.5	63.3	64.0	64.6	65.9	66.9	67.6	67.6
10-14	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	0.7	0.7	0.7
15-19	56.5	56.5	55.3	54.3	53.2	52.0	50.7	49.6	48.4	47.2	45.7	44.7	44.1	43.5	42.9	41.6
20-24	96.2	93.0	90.8	89.4	90.6	92.5	95.8	96.7	98.2	98.7	98.4	98.3	101.2	104.5	106.1	106.3
25-29	113.9	110.8	106.3	104.8	103.7	104.1	105.9	109.0	112.0	114.5	116.4	116.7	116.1	114.3	113.6	112.1
30-34	80.1	81.0	81.4	82.0	82.8	83.6	85.1	86.6	88.7	91.6	94.6	96.9	100.0	103.3	104.0	104.2
35-39	29.3	29.4	29.9	31.0	32.1	32.9	34.0	34.9	36.0	37.2	38.8	40.4	42.4	43.7	45.1	45.2
40-44	4.8	4.7	5.0	5.1	5.3	5.4	5.9	6.2	6.5	6.8	7.3	7.5	7.5	7.8	8.0	8.1
45-49**	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	0.4	0.5	0.5
Kent																
General	71.2	68.6	67.6	65.8	65.0	64.6	65.5	65.2	65.9	66.5	66.2	66.6	67.5	68.3	68.5	69.1
10-14	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	0.8	0.8	0.6
15-19	67.3	66.8	64.3	61.4	58.0	56.7	55.2	54.7	52.5	51.6	48.8	47.8	45.4	45.2	44.1	42.7
20-24	130.7	126.2	128.2	125.5	128.7	130.0	136.2	133.3	133.5	132.5	130.2	125.7	125.0	126.0	121.9	121.8
25-29	118.5	114.2	112.5	111.4	112.2	112.1	115.1	116.4	120.5	120.4	120.0	120.9	121.0	120.1	119.1	118.5
30-34	68.9	69.3	69.8	70.4	70.0	70.5	72.0	72.6	73.1	76.5	78.3	80.8	84.4	86.5	88.2	89.6
35-39	23.3	22.1	22.6	23.1	23.7	25.5	26.6	27.8	29.3	30.4	30.6	32.3	34.6	35.0	37.6	37.6
40-44	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	6.9	6.8	6.9
45-49**	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	0.3	0.2	0.3
New Castle																
General	62.9	61.6	59.8	58.9	58.6	58.6	59.1	59.5	60.4	61.2	61.8	62.3	63.5	64.1	64.5	64.3
10-14	2.1	2.1	2.1	1.8	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.6	0.6	0.6	0.7
15-19	48.2	48.2	47.7	46.1	45.8	44.9	44.1	42.7	43.0	42.3	41.2	40.0	40.0	38.5	37.5	36.3
20-24	78.1	75.2	72.0	70.8	71.1	73.9	76.0	77.0	78.5	79.3	78.4	79.1	83.1	86.4	89.1	90.3
25-29	112.1	109.0	103.7	101.5	99.7	99.7	101.2	104.0	106.9	109.5	110.9	110.2	108.5	104.7	103.1	101.6
30-34	87.0	87.8	88.4	88.8	89.8	90.3	91.8	93.1	95.1	97.2	100.3	102.4	105.3	109.2	110.4	110.0
35-39	32.3	32.4	33.0	34.7	35.9	37.0	38.5	39.4	40.2	41.4	43.1	44.7	46.5	48.0	48.7	48.5
40-44	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	8.6	8.9	8.9
45-49**	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	0.5	0.6	0.6
Sussex																
General	69.9	68.9	66.7	66.5	66.2	65.4	65.6	66.9	67.3	68.2	70.4	71.7	73.3	76.0	78.0	78.1
10-14	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	1.0	1.0	1.0
15-19	80.7	81.4	79.0	82.7	80.7	77.8	73.8	72.1	64.9	60.7	58.1	57.4	56.5	58.5	60.0	58.6
20-24	150.6	145.3	141.2	138.6	140.4	138.6	144.6	149.6	153.4	153.1	155.6	152.6	149.5	149.2	148.5	143.1
25-29	116.6	115.5	111.7	112.6	112.5	115.3	116.8	122.9	124.6	129.1	135.4	140.1	144.1	150.2	154.1	150.3
30-34	62.5	64.2	64.2	65.9	67.3	69.1	71.0	73.7	77.5	83.2	87.7	90.8	94.8	97.6	95.9	97.6
35-39	22.4	24.1	24.3	23.9	25.0	24.0	23.8	24.7	26.9	27.9	30.7	32.3	34.5	35.9	38.9	40.5
40-44	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	6.1	6.2	6.4
45-49**	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	0.4	0.3	0.5

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 2009 are preliminary.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

AGEFERT1

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

U.S., DELAWARE AND COUNTIES, 1990-2009

(WHITE)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.																
General	66.4	65.6	65.0	64.5	64.3	64.4	64.6	64.7	65.0	65.3	65.5	65.8	66.5	67.3	67.6	N/A
10-14	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	N/A
15-19	51.4	51.2	50.2	49.0	47.9	46.7	45.4	44.0	42.7	41.2	39.8	38.6	38.0	37.9	37.9	N/A
20-24	108.0	107.2	106.7	106.3	106.3	106.5	106.5	105.8	104.7	103.3	101.8	100.4	100.3	100.5	100.1	N/A
25-29	118.4	117.1	116.5	115.9	116.4	117.4	117.9	118.2	118.7	118.9	118.6	118.9	119.5	119.7	118.9	N/A
30-34	81.7	82.3	83.5	84.7	86.3	88.3	90.3	92.3	94.1	95.9	97.3	98.4	99.6	101.1	101.6	N/A
35-39	32.4	33.0	33.7	34.5	35.5	36.6	37.7	38.9	40.1	41.5	43.1	44.6	46.0	47.2	47.8	N/A
40-44	5.6	5.9	6.2	6.4	6.7	6.9	7.2	7.5	7.7	8.0	8.3	8.6	8.8	9.0	9.2	N/A
45-49**	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	N/A
Delaware																
General	62.2	61.2	60.5	60.1	59.7	59.6	60.1	60.1	60.7	61.1	61.7	62.5	64.0	65.1	66.1	65.9
10-14	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	0.5	0.4	0.5
15-19	39.1	39.9	39.5	39.5	38.8	38.4	37.6	37.0	36.3	36.1	35.2	35.0	35.5	35.6	35.4	34.6
20-24	83.3	80.5	80.1	79.5	80.5	81.8	84.7	84.5	85.7	85.9	86.1	86.9	90.6	94.6	97.0	97.7
25-29	116.8	114.8	112.0	111.5	110.8	111.3	112.4	114.8	116.4	117.5	117.9	117.8	117.4	115.0	113.9	112.1
30-34	85.4	86.9	88.5	89.7	91.0	92.6	94.8	96.0	98.3	100.7	103.4	104.7	107.8	110.5	111.2	110.2
35-39	31.3	31.4	32.2	33.4	34.5	35.3	36.2	37.1	38.2	39.2	40.9	42.9	44.7	46.0	47.7	47.5
40-44	4.9	5.0	5.3	5.4	5.6	5.7	6.2	6.5	6.8	7.0	7.4	7.5	7.5	7.6	7.7	7.6
45-49**	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
Kent																
General	70.2	67.9	68.0	66.4	65.9	65.3	66.4	65.8	66.4	66.8	66.1	66.4	67.5	68.2	68.6	69.4
10-14	0.9	0.8	1.1	1.0	0.9	0.9	0.9	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
15-19	54.8	53.9	53.3	52.3	50.8	50.5	50.6	49.7	46.1	44.4	40.1	38.0	35.6	36.3	35.2	34.3
20-24	131.9	127.3	129.6	125.4	127.9	129.8	138.0	138.3	143.6	144.0	141.8	135.8	131.1	125.8	118.9	115.9
25-29	122.3	119.4	121.1	121.1	122.8	121.7	124.8	124.9	127.2	127.4	127.5	130.4	135.7	139.7	140.5	141.2
30-34	71.7	73.0	74.1	75.1	74.9	75.7	77.1	77.5	78.8	82.3	84.2	87.2	91.7	93.6	96.8	99.2
35-39	25.3	24.1	24.9	24.7	25.2	26.6	27.4	28.5	30.4	31.9	32.0	33.8	35.8	36.1	38.7	39.1
40-44	5.3	4.8	5.4	5.5	5.6	4.8	5.1	5.0	5.2	5.3	5.7	6.2	6.4	6.5	6.5	6.4
45-49**	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	0.3	0.3	0.4
New Castle																
General	60.2	59.3	58.5	58.0	57.5	57.5	57.8	57.9	58.5	59.0	59.4	59.9	61.0	61.5	61.7	61.0
10-14	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	0.4	0.4	0.5
15-19	31.6	32.5	32.6	31.3	30.9	30.4	29.8	29.4	30.6	31.0	30.8	30.9	31.6	30.6	29.8	29.0
20-24	64.7	62.1	60.2	59.9	59.6	60.8	62.2	62.3	62.6	63.4	62.9	64.4	68.3	72.7	75.8	77.8
25-29	114.9	112.9	109.1	107.8	106.0	106.1	106.9	109.0	110.6	111.9	110.9	108.2	105.0	98.8	95.3	93.0
30-34	93.6	95.0	97.3	98.3	99.8	101.5	104.2	105.1	107.1	108.7	111.0	111.3	113.8	116.9	117.2	114.2
35-39	34.8	34.8	35.9	37.7	39.1	40.1	41.6	42.4	43.2	44.2	46.1	48.2	49.9	51.4	52.3	51.4
40-44	5.3	5.5	5.6	5.7	6.0	6.3	6.8	7.3	7.6	7.8	8.1	8.2	8.1	8.4	8.6	8.5
45-49**	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	0.5	0.6	0.6
Sussex																
General	63.0	62.6	61.4	62.4	62.9	62.9	62.8	63.3	63.5	63.5	65.9	67.8	71.0	74.4	77.9	78.3
10-14	0.8	1.0	1.1	1.2	1.2	1.3	1.1	1.1	1.1	0.9	0.6	0.6	0.6	0.6	0.6	0.6
15-19	56.1	57.6	56.0	63.1	62.3	61.4	58.2	55.5	48.1	45.4	44.5	44.7	47.1	49.7	52.7	51.4
20-24	129.5	125.7	126.7	125.9	130.1	130.6	136.2	136.8	141.2	138.3	141.2	138.8	140.5	141.8	143.0	137.8
25-29	119.6	118.3	115.2	117.7	118.8	122.5	122.8	128.0	128.3	129.4	135.8	143.5	150.4	159.7	167.8	163.2
30-34	64.7	67.2	67.4	70.4	72.6	74.8	76.1	79.4	83.5	88.1	93.2	97.3	101.7	104.5	104.7	107.2
35-39	22.6	25.0	25.0	25.0	26.0	25.4	25.3	26.5	28.5	29.0	31.7	33.4	35.6	37.1	41.2	42.8
40-44	3.2	3.4	3.9	4.0	4.0	4.2	4.9	5.0	5.5	6.1	6.3	6.4	6.3	6.1	6.1	6.3
45-49**	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	0.2	0.2	0.4

Notes:

- General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
- Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.
- **The number of births shown is the total for women aged 45-54 years. The birth rate is computed by dividing births to women aged 45-54 years by women aged 45-49 years, because most of the births in this group are to women aged 45-49.
- 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.
- N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

AGEFERT2

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

U.S., DELAWARE AND COUNTIES, 1990-2009

(BLACK)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.																
General	82.3	79.4	76.1	73.6	71.7	70.4	70.0	69.8	68.9	68.0	67.5	67.3	68.2	69.6	70.6	N/A
10-14	4.7	4.6	4.3	4.0	3.7	3.3	2.9	2.6	2.3	2.1	1.9	1.7	1.6	1.6	1.5	N/A
15-19	110.5	106.9	101.6	96.8	92.2	87.7	84.0	80.5	76.3	71.9	68.4	65.3	63.9	63.5	63.4	N/A
20-24	155.2	150.4	144.9	141.0	138.9	138.2	138.9	138.9	136.4	133.3	130.6	128.6	129.2	130.8	131.8	N/A
25-29	110.5	107.1	103.4	100.9	99.5	99.1	99.6	100.5	100.5	100.3	100.7	101.9	104.0	106.1	107.1	N/A
30-34	67.3	66.5	65.1	64.5	63.9	63.6	63.9	64.7	64.9	65.2	65.9	66.9	68.8	70.9	72.6	N/A
35-39	28.6	28.8	28.7	28.9	29.2	29.6	30.1	30.8	31.2	31.8	32.4	33.2	34.2	35.3	36.1	N/A
40-44	5.7	5.8	5.9	6.1	6.2	6.3	6.6	6.8	7.0	7.2	7.5	7.8	8.0	8.3	8.5	N/A
45-49**	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	N/A
Delaware																
General	79.8	76.2	71.3	69.1	68.5	68.2	68.0	68.4	68.2	68.4	68.5	68.8	69.4	70.9	71.7	72.2
10-14	6.7	6.5	6.3	5.6	5.5	4.5	3.9	3.3	2.9	2.3	2.1	1.7	1.6	1.4	1.5	1.5
15-19	123.0	119.4	113.7	108.2	104.0	98.8	94.9	90.1	86.0	81.1	77.0	73.0	69.9	67.5	66.2	63.8
20-24	152.4	146.4	139.0	136.3	138.8	142.6	145.0	145.2	143.1	140.8	136.6	133.5	134.5	137.2	137.5	136.6
25-29	104.0	99.3	91.8	89.2	88.1	90.4	91.9	96.1	99.6	102.8	105.9	107.7	105.7	105.4	106.1	105.2
30-34	56.8	56.5	53.7	54.5	55.6	55.4	54.8	57.3	57.6	60.5	63.2	67.9	71.5	77.3	79.0	82.4
35-39	20.1	20.1	19.7	20.8	21.9	23.6	25.1	25.9	27.0	28.8	29.8	30.8	32.9	35.2	35.8	37.4
40-44	4.2	3.4	3.4	3.7	4.0	4.2	4.6	4.8	5.1	5.2	6.3	6.8	7.0	7.8	8.6	8.9
45-49**	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	0.4	0.5	0.6
Kent																
General	75.1	70.9	66.6	64.9	63.8	64.9	65.5	65.7	66.3	67.8	67.5	68.0	68.4	70.4	70.1	70.7
10-14	4.7	4.0	3.4	3.0	3.3	3.5	3.3	2.9	3.0	2.2	2.0	2.5	2.1	1.9	1.9	1.3
15-19	104.1	102.4	92.5	83.5	74.0	70.2	66.4	67.4	69.4	72.3	74.3	75.7	73.9	71.3	69.9	66.6
20-24	129.5	124.8	127.1	130.6	138.4	139.4	142.0	129.9	119.1	116.6	112.7	109.5	116.1	130.0	132.9	141.2
25-29	101.7	93.3	84.0	82.1	81.2	88.4	90.3	96.2	104.4	105.4	101.8	100.5	90.0	84.2	81.6	80.9
30-34	57.2	57.0	55.3	56.3	55.8	56.5	56.7	57.7	56.0	59.4	58.5	60.5	62.6	67.0	67.3	68.3
35-39	15.7	14.5	14.2	16.4	17.4	21.1	23.1	24.6	24.8	24.9	24.9	26.1	29.8	31.7	33.8	33.8
40-44	3.3	1.8	1.2	1.6	2.4	3.5	4.1	4.0	4.8	5.0	5.1	6.0	6.9	7.8	8.0	8.9
45-49**	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	0.2	0.2	0.0
New Castle																
General	76.4	73.0	68.1	66.1	66.1	66.7	66.6	67.0	67.4	67.4	67.5	67.6	68.5	69.6	70.6	71.2
10-14	6.7	6.6	6.5	5.6	5.5	4.4	3.9	3.1	2.6	2.1	1.8	1.3	1.3	1.2	1.3	1.3
15-19	117.8	113.1	108.9	105.4	104.2	100.9	98.5	91.3	86.3	79.9	74.2	68.1	65.4	61.7	60.2	58.0
20-24	142.9	136.9	128.0	123.3	125.8	134.2	137.0	139.8	143.8	142.9	137.8	133.9	134.8	132.5	131.2	128.2
25-29	103.6	98.7	91.2	88.5	87.9	89.4	91.2	94.9	98.3	101.2	105.7	108.9	110.0	111.8	115.2	115.3
30-34	58.2	57.8	54.1	55.3	57.0	56.4	55.2	58.6	59.5	61.8	65.9	72.0	76.1	82.6	86.0	91.3
35-39	20.9	21.5	20.6	22.1	23.2	25.4	27.1	28.3	29.3	31.5	32.4	33.4	35.0	37.4	38.0	39.9
40-44	4.3	3.8	3.9	4.2	4.3	4.3	4.7	5.2	5.4	5.6	6.8	7.3	7.4	8.3	9.2	9.4
45-49**	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	0.4	0.6	0.7
Sussex																
General	100.2	96.9	91.5	88.0	84.9	79.4	77.7	78.0	74.3	73.8	74.9	75.7	74.7	78.5	79.4	79.1
10-14	9.0	9.5	8.9	8.6	7.9	5.6	4.5	4.4	3.7	2.9	3.1	2.6	2.3	2.0	2.2	2.3
15-19	165.9	164.0	158.9	153.5	146.7	134.0	124.4	119.0	107.6	97.0	91.2	90.3	84.4	88.6	88.7	87.9
20-24	231.3	224.6	209.1	206.0	200.2	185.7	186.4	193.3	180.5	174.8	175.6	175.4	165.7	169.2	172.7	168.3
25-29	108.5	109.3	104.6	101.8	98.0	97.8	98.0	102.4	100.1	107.7	113.1	112.8	111.8	114.9	112.6	108.5
30-34	50.6	50.2	49.9	48.8	48.5	49.3	50.9	49.9	49.3	54.4	54.2	53.7	57.2	61.7	58.3	57.6
35-39	21.7	20.1	21.6	19.4	20.9	18.2	18.0	16.2	18.4	19.7	22.0	22.4	25.0	26.9	25.9	28.2
40-44	5.2	3.7	3.8	4.1	4.7	4.2	4.4	4.0	4.5	3.9	5.2	5.5	5.5	5.4	6.2	6.7
45-49**	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	0.6	0.4	0.8

AGEFERT3

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, 1985-2009

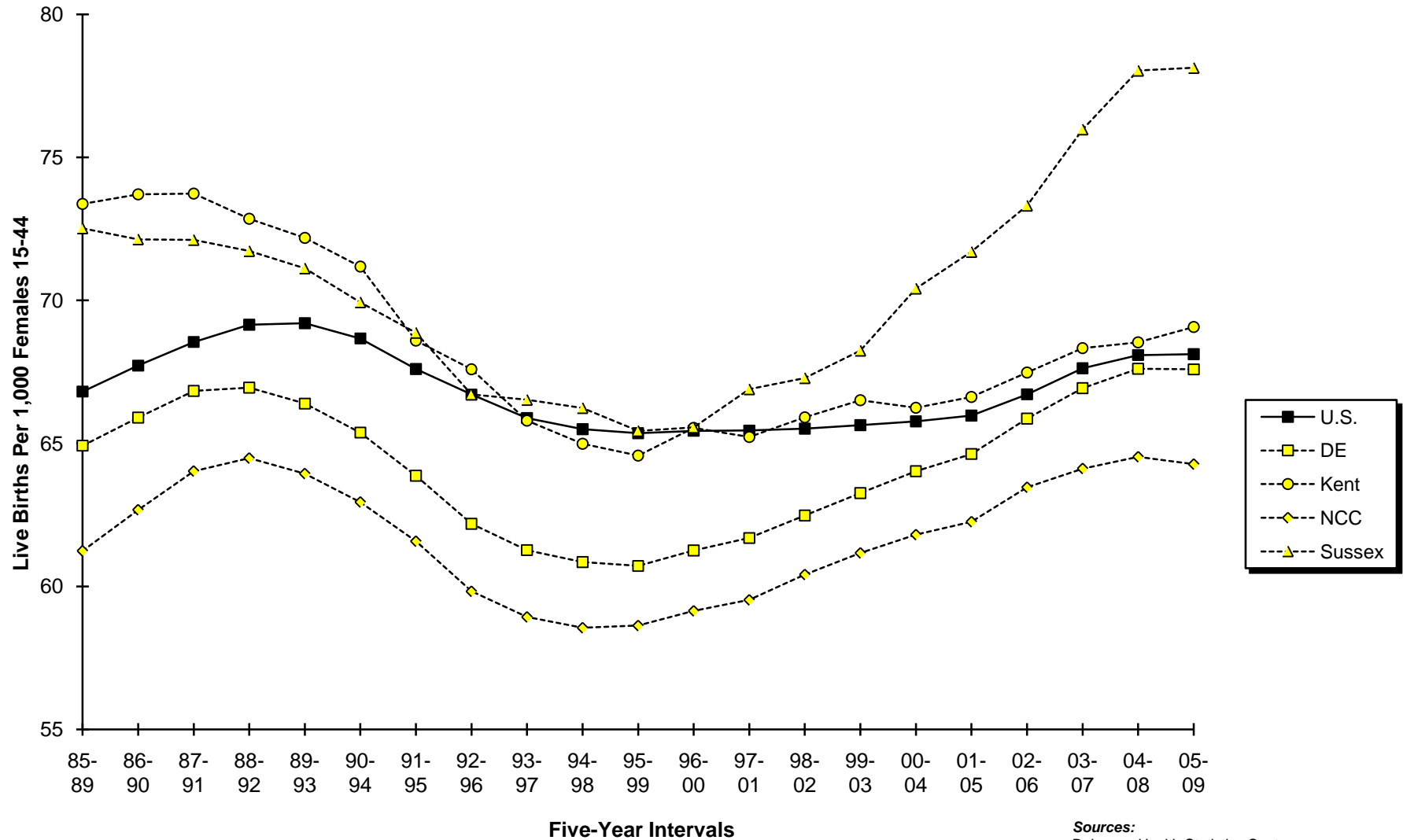


Figure C-7
Five-Year Average General Fertility Rates by Race

U.S. and Delaware, 1985-2009

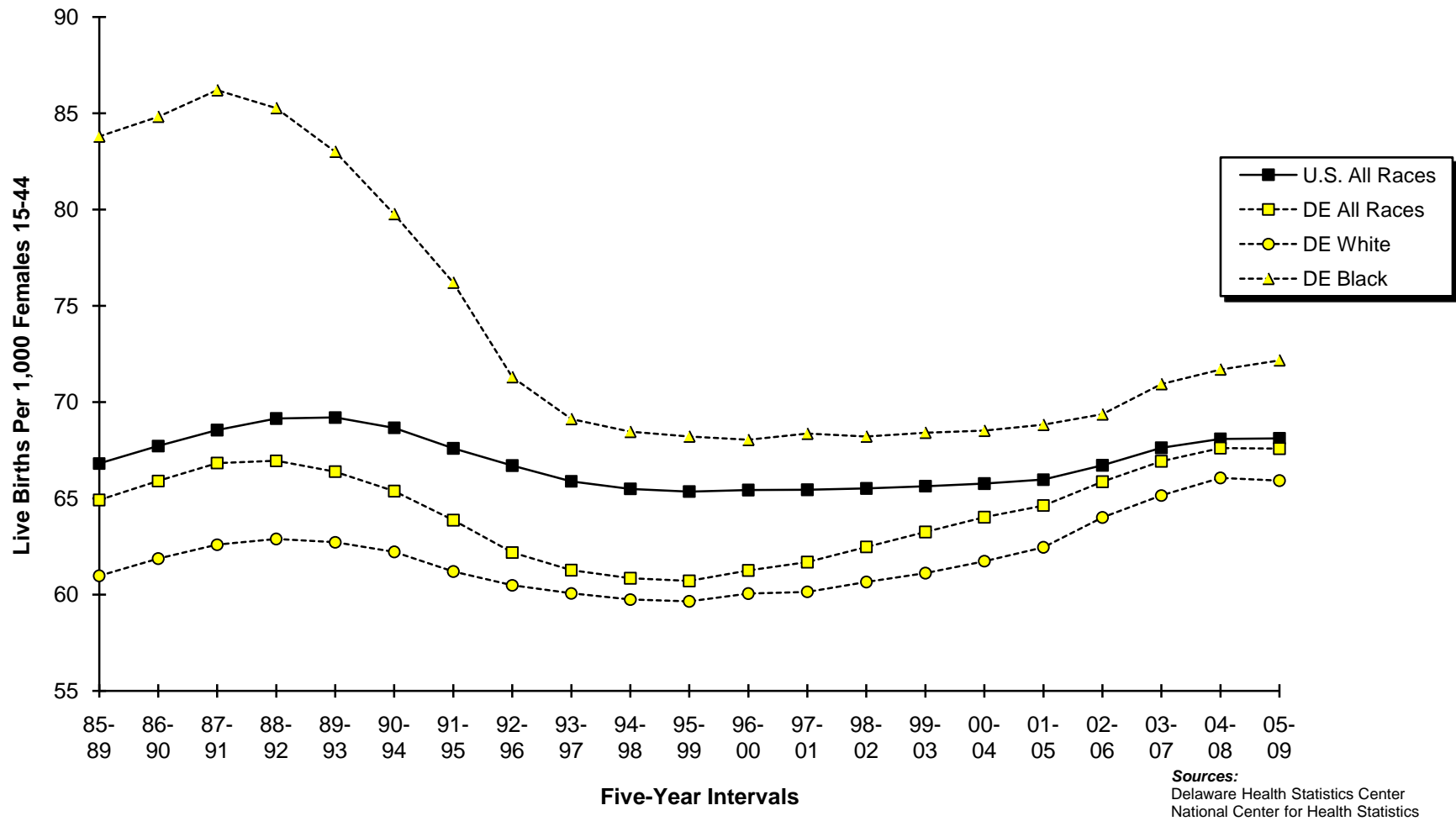
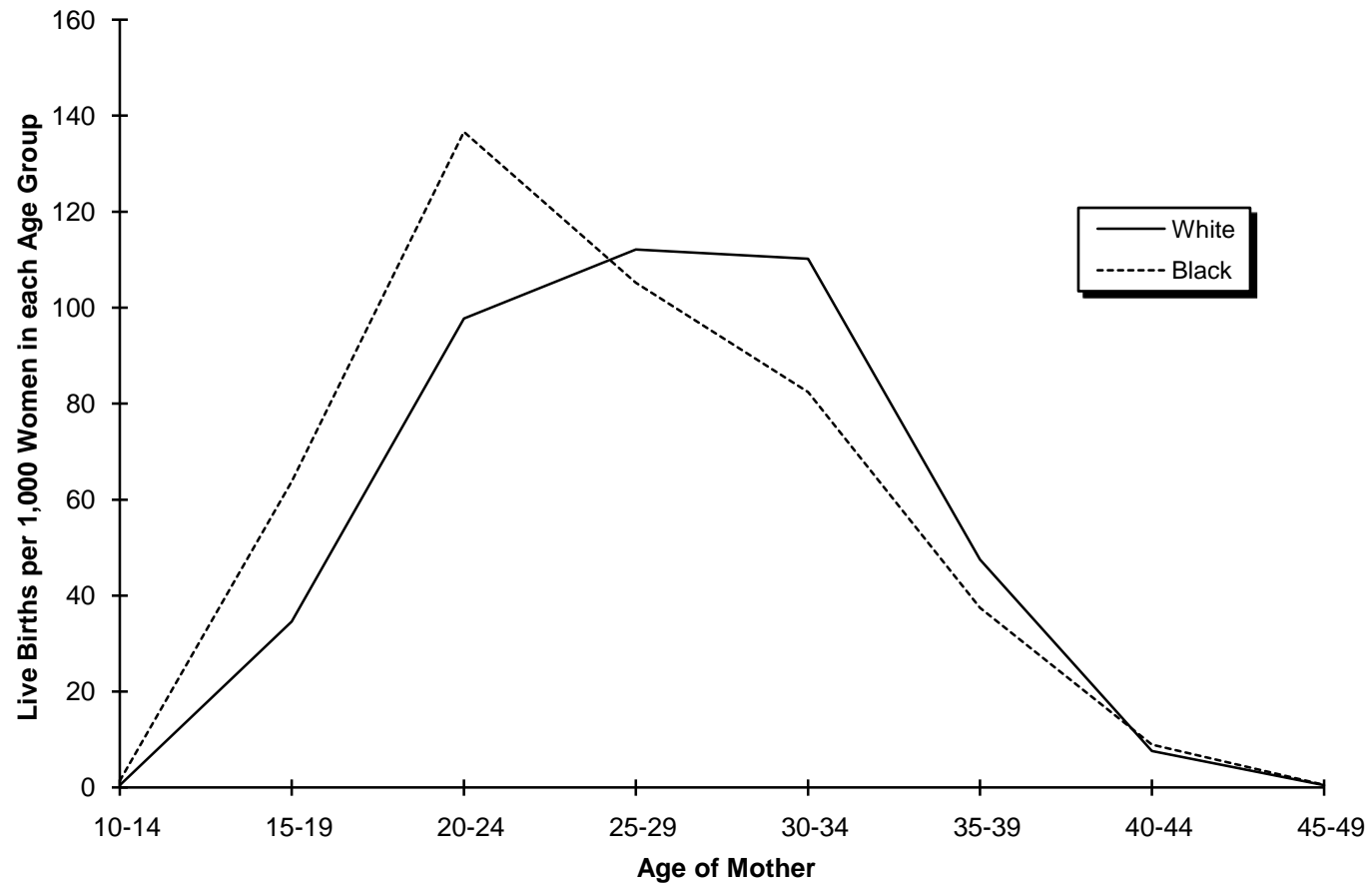


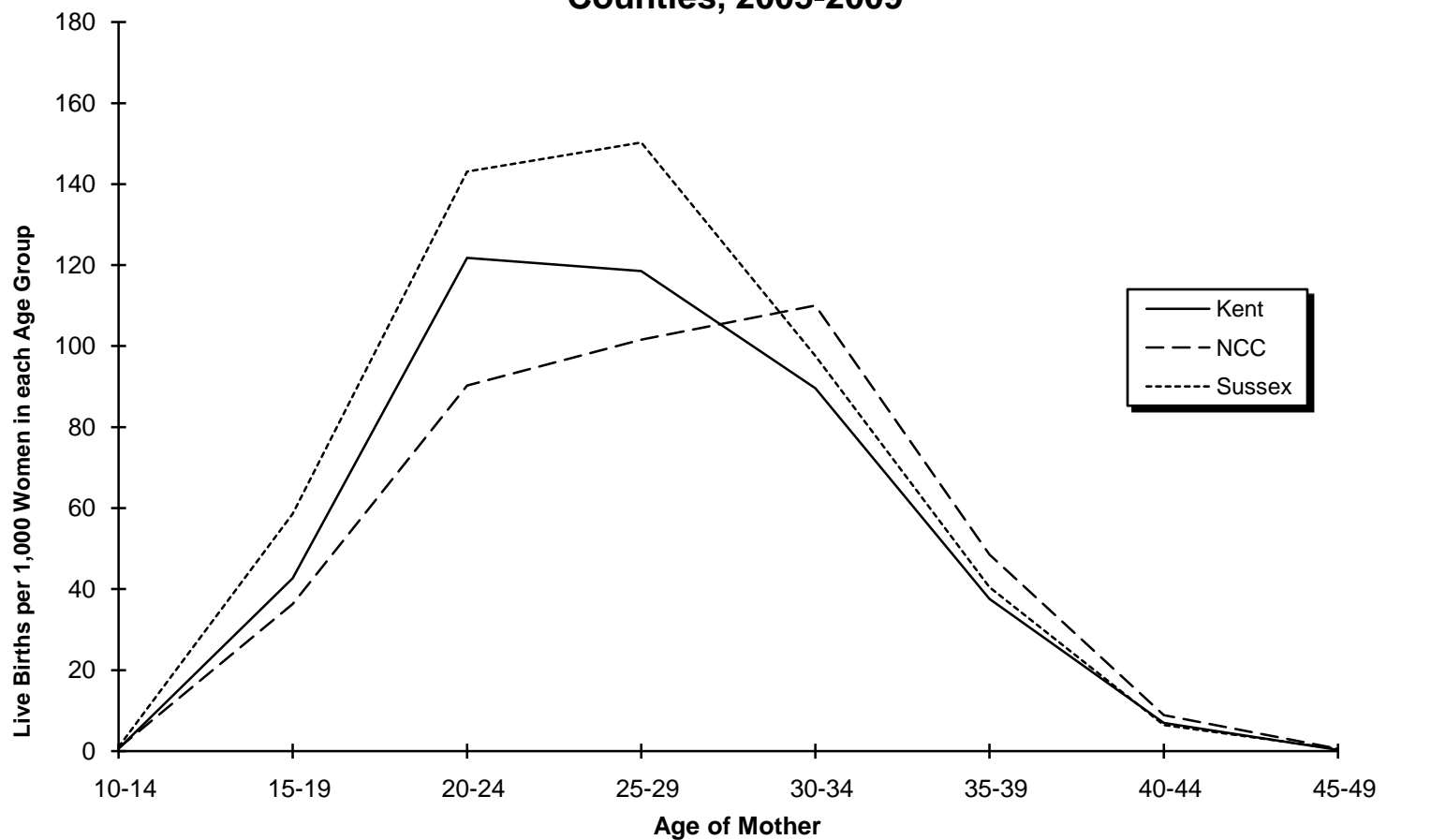
Figure C-8
Five-Year Average Age-Specific Live Birth Rates by Race
Delaware, 2005-2009



Source:
Delaware Health Statistics Center

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

Counties, 2005-2009



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, 2009

Area/ Age	Race										Hispanic Origin**
	All Races	White	Black	American Indian*	Asian or Pacific Islander (API)					All Other	
					Chinese	Japanese	Hawaiian	Filipino	Other API		
Delaware	11369	7573	3178	25	70	5	0	61	366	91	1659
<15	18	10	8	0	0	0	0	0	0	0	7
15-17	308	156	148	0	0	0	0	0	1	3	64
18-19	759	424	326	2	0	0	0	2	1	4	152
20-24	2831	1776	967	7	5	0	0	10	42	24	526
25-29	3280	2252	825	8	12	0	0	14	132	37	470
30-34	2625	1875	540	7	30	2	0	16	136	19	299
35-39	1248	888	278	1	20	2	0	14	42	3	115
40+	300	192	86	0	3	1	0	5	12	1	26
Unknown	0	0	0	0	0	0	0	0	0	0	0
Kent	2258	1527	649	15	3	1	0	20	26	17	201
<15	3	3	0	0	0	0	0	0	0	0	2
15-17	59	29	28	0	0	0	0	0	1	1	7
18-19	147	77	65	1	0	0	0	2	0	2	22
20-24	719	466	230	6	0	0	0	8	4	5	75
25-29	687	481	186	4	0	0	0	3	7	6	50
30-34	437	319	93	4	3	1	0	5	10	2	31
35-39	164	125	34	0	0	0	0	1	3	1	12
40+	42	27	13	0	0	0	0	1	1	0	2
Unknown	0	0	0	0	0	0	0	0	0	0	0
New Castle	6794	4248	2075	6	65	4	0	40	315	41	907
<15	11	6	5	0	0	0	0	0	0	0	4
15-17	172	73	97	0	0	0	0	0	0	2	41
18-19	430	232	195	1	0	0	0	0	1	1	92
20-24	1424	803	570	1	4	0	0	2	32	12	269
25-29	1921	1231	531	4	11	0	0	10	117	17	255
30-34	1759	1194	400	0	27	1	0	11	119	7	167
35-39	873	585	216	0	20	2	0	13	35	2	66
40+	204	124	61	0	3	1	0	4	11	0	13
Unknown	0	0	0	0	0	0	0	0	0	0	0
Wilmington	1237	422	796	0	1	0	0	2	9	7	174
<15	3	1	2	0	0	0	0	0	0	0	1
15-17	63	12	51	0	0	0	0	0	0	0	11
18-19	127	28	98	0	0	0	0	0	0	1	18
20-24	360	104	256	0	0	0	0	0	0	0	61
25-29	312	103	199	0	0	0	0	0	6	4	49
30-34	237	114	118	0	0	0	0	1	3	1	27
35-39	109	51	57	0	0	0	0	0	0	1	4
40+	26	9	15	0	1	0	0	1	0	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5557	3826	1279	6	64	4	0	38	306	34	733
<15	8	5	3	0	0	0	0	0	0	0	3
15-17	109	61	46	0	0	0	0	0	0	2	30
18-19	303	204	97	1	0	0	0	0	1	0	74
20-24	1064	699	314	1	4	0	0	2	32	12	208
25-29	1609	1128	332	4	11	0	0	10	111	13	206
30-34	1522	1080	282	0	27	1	0	10	116	6	140
35-39	764	534	159	0	20	2	0	13	35	1	62
40+	178	115	46	0	2	1	0	3	11	0	10
Unknown	0	0	0	0	0	0	0	0	0	0	0
Sussex	2317	1798	454	4	2	0	0	1	25	33	551
<15	4	1	3	0	0	0	0	0	0	0	1
15-17	77	54	23	0	0	0	0	0	0	0	16
18-19	182	115	66	0	0	0	0	0	0	1	38
20-24	688	507	167	0	1	0	0	0	6	7	182
25-29	672	540	108	0	1	0	0	1	8	14	165
30-34	429	362	47	3	0	0	0	0	7	10	101
35-39	211	178	28	1	0	0	0	0	4	0	37
40+	54	41	12	0	0	0	0	0	0	1	11
Unknown	0	0	0	0	0	0	0	0	0	0	0

Notes:

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

Source:

Delaware Health 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, 2009

Area/ Age of Mother	Age of Father									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	5935	0	1	11	440	1406	1882	1276	727	192
<15	2	0	0	0	0	0	0	1	0	1
15-17	9	0	1	1	5	0	0	0	0	2
18-19	61	0	0	6	41	7	1	2	0	4
20-24	752	0	0	3	315	292	75	22	7	38
25-29	1893	0	0	1	61	895	641	173	65	57
30-34	2001	0	0	0	15	185	1002	562	180	57
35-39	980	0	0	0	3	24	151	458	317	27
40+	237	0	0	0	0	3	12	58	158	6
Unknown	0	0	0	0	0	0	0	0	0	0
Kent	1237	0	0	4	181	381	344	202	96	29
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0	0
18-19	18	0	0	2	13	2	0	1	0	0
20-24	270	0	0	1	146	90	15	7	2	9
25-29	447	0	0	1	18	244	129	35	14	6
30-34	345	0	0	0	3	41	176	100	17	8
35-39	124	0	0	0	0	4	24	50	42	4
40+	32	0	0	0	0	0	0	9	21	2
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	3690	0	0	4	166	747	1226	888	513	146
<15	2	0	0	0	0	0	0	1	0	1
15-17	5	0	0	1	2	0	0	0	0	2
18-19	29	0	0	1	18	5	1	1	0	3
20-24	319	0	0	2	103	129	41	14	4	26
25-29	1110	0	0	0	34	493	398	100	43	42
30-34	1359	0	0	0	8	105	681	384	133	48
35-39	700	0	0	0	1	15	97	343	223	21
40+	166	0	0	0	0	0	8	45	110	3
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	353	0	0	1	21	57	116	90	53	15
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0	0
18-19	3	0	0	0	3	0	0	0	0	0
20-24	38	0	0	1	14	11	5	3	1	3
25-29	85	0	0	0	2	33	33	8	3	6
30-34	133	0	0	0	1	11	59	36	21	5
35-39	79	0	0	0	0	2	18	41	18	0
40+	14	0	0	0	0	0	1	2	10	1
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	3337	0	0	3	145	690	1110	798	460	131
<15	2	0	0	0	0	0	0	1	0	1
15-17	4	0	0	1	1	0	0	0	0	2
18-19	26	0	0	1	15	5	1	1	0	3
20-24	281	0	0	1	89	118	36	11	3	23
25-29	1025	0	0	0	32	460	365	92	40	36
30-34	1226	0	0	0	7	94	622	348	112	43
35-39	621	0	0	0	1	13	79	302	205	21
40+	152	0	0	0	0	0	7	43	100	2
Unknown	0	0	0	0	0	0	0	0	0	0
Sussex	1008	0	1	3	93	278	312	186	118	17
<15	0	0	0	0	0	0	0	0	0	0
15-17	3	0	1	0	2	0	0	0	0	0
18-19	14	0	0	3	10	0	0	0	0	1
20-24	163	0	0	0	66	73	19	1	1	3
25-29	336	0	0	0	9	158	114	38	8	9
30-34	297	0	0	0	4	39	145	78	30	1
35-39	156	0	0	0	2	5	30	65	52	2
40+	39	0	0	0	0	3	4	4	27	1
Unknown	0	0	0	0	0	0	0	0	0	0

Note:

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

Source:

Delaware Health Statistics Center

NLBAMAF

TABLE C-11
NUMBER OF LIVE BIRTHS BY EDUCATION AND AGE OF MOTHER
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

Area/ Education	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	11369	18	308	759	2831	3280	2625	1248	300	0
<9	737	15	40	52	222	215	118	59	16	0
9 to 11	1794	2	243	331	598	397	145	63	15	0
H.S. Graduate	2848	0	20	300	1071	777	423	204	53	0
1 to 3 College	2883	0	0	70	789	953	685	317	69	0
4+ College	3035	0	0	0	139	915	1236	599	146	0
Unknown	72	1	5	6	12	23	18	6	1	0
Kent	2258	3	59	147	719	687	437	164	42	0
<9	103	3	4	3	45	25	11	9	3	0
9 to 11	348	0	47	68	134	73	20	6	0	0
H.S. Graduate	585	0	6	61	256	152	75	28	7	0
1 to 3 College	736	0	0	14	242	250	156	60	14	0
4+ College	470	0	0	0	40	181	173	59	17	0
Unknown	16	0	2	1	2	6	2	2	1	0
New Castle	6794	11	172	430	1424	1921	1759	873	204	0
<9	294	8	21	26	71	85	51	26	6	0
9 to 11	1002	2	139	194	298	223	93	41	12	0
H.S. Graduate	1595	0	9	170	561	443	254	125	33	0
1 to 3 College	1691	0	0	37	413	548	435	216	42	0
4+ College	2175	0	0	0	76	611	916	461	111	0
Unknown	37	1	3	3	5	11	10	4	0	0
Wilmington	1237	3	63	127	360	312	237	109	26	0
<9	60	3	7	7	18	17	6	2	0	0
9 to 11	336	0	53	75	91	76	30	8	3	0
H.S. Graduate	359	0	2	39	159	84	53	15	7	0
1 to 3 College	258	0	0	4	80	79	68	22	5	0
4+ College	210	0	0	0	9	49	80	61	11	0
Unknown	14	0	1	2	3	7	0	1	0	0
Balance of NC County	5557	8	109	303	1064	1609	1522	764	178	0
<9	234	5	14	19	53	68	45	24	6	0
9 to 11	666	2	86	119	207	147	63	33	9	0
H.S. Graduate	1236	0	7	131	402	359	201	110	26	0
1 to 3 College	1433	0	0	33	333	469	367	194	37	0
4+ College	1965	0	0	0	67	562	836	400	100	0
Unknown	23	1	2	1	2	4	10	3	0	0
Sussex	2317	4	77	182	688	672	429	211	54	0
<9	340	4	15	23	106	105	56	24	7	0
9 to 11	444	0	57	69	166	101	32	16	3	0
H.S. Graduate	668	0	5	69	254	182	94	51	13	0
1 to 3 College	456	0	0	19	134	155	94	41	13	0
4+ College	390	0	0	0	23	123	147	79	18	0
Unknown	19	0	0	2	5	6	6	0	0	0

LBEDAGE1

Source:
Delaware Health Statistics Center

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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

Area/ Education	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Delaware	11369	100.0	7573	100.0	3178	100.0	618	100.0	1659	100.0
<9	737	6.5	665	8.8	47	1.5	25	4.0	559	33.7
9 to 11	1794	15.8	1063	14.0	692	21.8	39	6.3	462	27.8
H.S. Grad.	2848	25.1	1700	22.4	1062	33.4	86	13.9	342	20.6
1 to 3 College	2883	25.4	1871	24.7	898	28.3	114	18.4	207	12.5
4+ College	3035	26.7	2236	29.5	450	14.2	349	56.5	72	4.3
Unknown	72	0.6	38	0.5	29	0.9	5	0.8	17	1.0
Kent	2258	100.0	1527	100.0	649	100.0	82	100.0	201	100.0
<9	103	4.6	95	6.2	6	0.9	2	2.4	28	13.9
9 to 11	348	15.4	186	12.2	147	22.7	15	18.3	36	17.9
H.S. Grad.	585	25.9	363	23.8	207	31.9	15	18.3	56	27.9
1 to 3 College	736	32.6	506	33.1	201	31.0	29	35.4	60	29.9
4+ College	470	20.8	369	24.2	80	12.3	21	25.6	19	9.5
Unknown	16	0.7	8	0.5	8	1.2	0	0.0	2	1.0
New Castle	6794	100.0	4248	100.0	2075	100.0	471	100.0	907	100.0
<9	294	4.3	257	6.0	25	1.2	12	2.5	228	25.1
9 to 11	1002	14.7	568	13.4	416	20.0	18	3.8	310	34.2
H.S. Grad.	1595	23.5	882	20.8	664	32.0	49	10.4	204	22.5
1 to 3 College	1691	24.9	1017	23.9	605	29.2	69	14.6	115	12.7
4+ College	2175	32.0	1507	35.5	348	16.8	320	67.9	43	4.7
Unknown	37	0.5	17	0.4	17	0.8	3	0.6	7	0.8
Wilmington	1237	100.0	422	100.0	796	100.0	19	100.0	174	100.0
<9	60	4.9	46	10.9	14	1.8	0	0.0	42	24.1
9 to 11	336	27.2	94	22.3	242	30.4	0	0.0	65	37.4
H.S. Grad.	359	29.0	73	17.3	283	35.6	3	15.8	44	25.3
1 to 3 College	258	20.9	65	15.4	188	23.6	5	26.3	15	8.6
4+ College	210	17.0	141	33.4	58	7.3	11	57.9	6	3.4
Unknown	14	1.1	3	0.7	11	1.4	0	0.0	2	1.1
Balance of NC County	5557	100.0	3826	100.0	1279	100.0	452	100.0	733	100.0
<9	234	4.2	211	5.5	11	0.9	12	2.7	186	25.4
9 to 11	666	12.0	474	12.4	174	13.6	18	4.0	245	33.4
H.S. Grad.	1236	22.2	809	21.1	381	29.8	46	10.2	160	21.8
1 to 3 College	1433	25.8	952	24.9	417	32.6	64	14.2	100	13.6
4+ College	1965	35.4	1366	35.7	290	22.7	309	68.4	37	5.0
Unknown	23	0.4	14	0.4	6	0.5	3	0.7	5	0.7
Sussex	2317	100.0	1798	100.0	454	100.0	65	100.0	551	100.0
<9	340	14.7	313	17.4	16	3.5	11	16.9	303	55.0
9 to 11	444	19.2	309	17.2	129	28.4	6	9.2	116	21.1
H.S. Grad.	668	28.8	455	25.3	191	42.1	22	33.8	82	14.9
1 to 3 College	456	19.7	348	19.4	92	20.3	16	24.6	32	5.8
4+ College	390	16.8	360	20.0	22	4.8	8	12.3	10	1.8
Unknown	19	0.8	13	0.7	4	0.9	2	3.1	8	1.5

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, 1990-2009

(ALL RACES)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	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	37.1	38.3	39.4*
<20	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	83.6	84.7	85.6*
20-24	40.7	42.3	43.6	44.8	45.9	46.6	47.6	48.6	49.6	50.7	51.9	53.3	54.8	56.4	57.9	59.3*
25-29	19.8	20.6	21.1	21.6	21.9	22.2	22.6	23.0	23.7	24.5	25.5	26.7	28.1	29.4	30.8	31.9*
30+	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	16.9	17.8	18.6*
Delaware	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	44.1	45.4	46.4
<20	84.6	86.7	88.3	89.1	89.3	89.3	89.5	89.6	89.6	90.0	90.1	90.8	91.4	92.1	92.8	93.2
20-24	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	69.6	70.6	71.6
25-29	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	36.3	38.0	39.6
30+	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	18.5	19.8	20.9
Kent	32.2	33.5	34.5	35.3	35.9	37.3	38.0	38.8	39.2	40.0	40.6	41.5	41.8	42.8	43.5	43.9
<20	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	87.3	88.6	89.0
20-24	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	58.9	60.1	60.9
25-29	19.3	20.2	20.7	21.1	21.7	23.1	23.8	24.8	26.4	28.1	29.2	30.0	30.6	31.1	32.5	33.1
30+	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	18.5	19.6	20.5
New Castle	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	41.4	42.6	44.0
<20	88.9	90.6	91.7	92.5	92.6	92.5	92.5	92.4	92.0	92.3	92.0	92.4	93.0	93.5	94.3	94.9
20-24	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	73.5	74.2	75.5
25-29	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	35.6	37.3	39.1
30+	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	16.8	18.0	19.3
Wilmington	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	70.3	71.0	71.6
<20	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	97.0	97.6	98.1
20-24	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	87.6	88.3	89.5
25-29	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	63.4	63.5	65.8
30+	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	38.7	40.5	41.2
Balance of NC County	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	35.4	36.7	38.0
<20	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	91.7	92.6	93.2
20-24	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	68.9	69.7	71.0
25-29	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	30.8	32.6	34.0
30+	8.1	8.4	8.6	9.1	9.4	9.6	9.9	10.3	10.6	11.0	11.7	12.4	13.3	14.0	15.1	16.3
Sussex	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	53.9	55.3	56.1
<20	79.5	82.6	85.5	86.7	87.8	87.9	88.1	87.9	88.1	89.3	90.1	91.6	92.0	92.8	93.0	93.0
20-24	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	71.3	72.5	73.4
25-29	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	43.8	45.2	47.4
30+	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	26.6	28.0	28.6

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Note:

*Indicates U.S. data for 2009 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, 1990-2009

(WHITE)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	22.7	23.7	24.5	25.2	25.7	26.0	26.4	26.8	27.3	27.9	28.6	29.6	30.7	32.0	33.2	N/A
<20	61.4	63.7	65.7	67.8	69.7	70.7	71.8	72.6	73.3	74.1	75.1	76.3	77.7	79.1	80.4	N/A
20-24	31.8	33.5	35.0	36.4	37.7	38.5	39.6	40.7	41.9	43.3	44.8	46.4	48.2	49.9	51.6	N/A
25-29	14.4	15.1	15.8	16.4	16.8	17.1	17.6	18.1	18.8	19.7	20.8	22.0	23.3	24.7	26.0	N/A
30+	10.7	11.0	11.3	11.3	11.3	11.2	11.1	11.1	11.3	11.6	12.1	12.6	13.3	14.2	15.1	N/A
Delaware	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	36.2	37.7	39.0
<20	73.8	77.3	80.2	81.5	81.7	81.9	82.5	83.1	83.3	84.3	84.8	86.1	87.3	88.3	89.4	90.1
20-24	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	62.4	63.5	64.7
25-29	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	29.7	31.4	33.2
30+	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	14.2	15.7	16.7
Kent	22.3	23.5	24.7	25.3	25.6	26.8	27.6	28.6	29.0	30.1	30.9	31.9	32.6	33.8	34.6	34.8
<20	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	82.9	84.3	85.0
20-24	25.8	27.6	30.1	32.4	34.0	36.2	37.2	37.6	38.3	40.6	42.7	44.9	47.3	48.9	50.2	50.7
25-29	13.4	14.4	14.7	15.1	15.2	15.6	16.4	17.6	18.5	20.1	21.4	21.9	22.8	23.7	24.4	24.8
30+	11.2	11.8	12.0	11.7	11.9	12.6	11.9	12.2	12.2	12.1	11.8	13.0	13.1	14.2	15.6	16.2
New Castle	18.4	19.8	20.7	21.3	21.9	22.7	23.4	24.5	26.0	27.6	28.5	30.0	31.6	32.7	34.0	35.6
<20	80.6	83.5	85.2	86.5	86.6	86.6	86.6	86.8	86.5	87.1	86.6	87.5	88.5	89.3	90.4	91.5
20-24	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	66.4	67.3	69.0
25-29	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	28.3	30.0	32.0
30+	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	11.9	13.1	14.1
Wilmington	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	47.4	48.2	49.2
<20	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	90.0	92.3	93.6
20-24	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	74.7	75.5	77.7
25-29	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	44.9	44.8	47.7
30+	13.1	13.4	14.5	14.6	15.4	16.2	16.6	16.8	17.4	17.2	17.5	18.8	18.8	19.3	21.2	21.0
Balance of NC County	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	31.1	32.4	34.1
<20	79.5	82.7	84.8	86.2	86.2	86.6	86.6	86.7	86.5	87.4	86.7	87.5	88.6	89.1	90.1	91.1
20-24	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	65.2	66.2	67.8
25-29	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	26.6	28.5	30.4
30+	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	11.2	12.4	13.4
Sussex	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	47.7	49.8	51.0
<20	64.4	70.5	75.5	78.4	80.1	80.7	81.7	81.9	82.5	84.9	86.4	88.4	89.4	90.3	90.9	91.0
20-24	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	66.8	68.0	69.1
25-29	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	38.6	40.9	43.3
30+	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	23.3	25.6	26.6

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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, 1990-2009

(BLACK)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	68.3	69.0	69.7	70.0	70.1	69.8	69.5	68.8	68.6	68.5	68.4	68.6	69.0	69.6	70.3	N/A
<20	93.2	93.8	94.8	95.5	96.0	96.1	96.2	95.7	95.7	95.8	95.9	96.0	96.2	96.4	96.6	N/A
20-24	75.6	76.8	78.2	79.2	80.0	80.3	80.6	80.4	80.7	81.0	81.3	81.7	82.2	82.9	83.6	N/A
25-29	55.1	55.9	56.7	57.2	57.4	57.3	57.4	57.0	57.4	57.9	58.7	59.7	60.8	62.0	63.0	N/A
30+	45.7	46.1	46.3	45.8	45.2	44.3	43.5	42.5	42.1	41.7	41.6	41.8	42.1	42.8	43.6	N/A
Delaware	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	70.9	71.5	71.6
<20	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	97.6	97.9	97.8
20-24	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	86.0	86.8	87.6
25-29	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	63.8	65.1	65.9
30+	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	40.8	41.4	42.0
Kent	65.9	67.1	68.5	69.0	69.7	70.1	70.5	70.1	70.3	69.6	69.2	68.6	68.3	67.8	68.2	68.5
<20	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	93.7	94.4	94.6
20-24	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	80.2	81.0	82.3
25-29	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	56.1	58.5	59.4
30+	40.4	41.0	39.2	40.8	39.3	38.1	37.7	37.7	36.2	35.9	36.4	36.7	36.7	36.7	36.9	37.9
New Castle	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	70.0	70.7	70.9
<20	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	98.6	98.9	98.9
20-24	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	88.2	88.6	89.3
25-29	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	65.4	66.5	67.0
30+	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	40.4	41.4	42.4
Wilmington	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	85.3	85.5	85.7
<20	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	99.3	99.3	99.4
20-24	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	93.3	93.6	94.2
25-29	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	77.5	78.0	79.8
30+	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	63.3	64.2	64.4
Balance of NC County	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	60.5	61.4	61.6
<20	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	97.8	98.4	98.3
20-24	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	84.0	84.6	85.3
25-29	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	59.0	60.4	59.8
30+	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	32.5	33.3	34.4
Sussex	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	78.4	79.3	79.4
<20	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	98.2	98.2	97.8
20-24	82.9	84.6	83.5	83.9	82.8	82.8	81.7	84.0	83.9	83.3	84.2	85.0	84.9	85.6	87.2	88.3
25-29	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	67.3	68.3	70.7
30+	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	50.3	49.0	46.0

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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, 1992-2009
(HISPANIC ORIGIN*)

Area/ Age	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009
U.S.	40.8	41.1	41.4	41.3	41.6	42.0	42.5	43.2	44.1	45.2	46.7	48.3	49.7	N/A
<20	66.5	68.3	70.3	71.0	72.0	72.9	73.3	73.9	74.9	76.2	78.0	79.7	81.2	N/A
20-24	44.6	45.4	46.2	46.5	47.5	48.4	49.5	50.7	52.1	53.7	55.7	57.7	59.5	N/A
25-29	31.6	31.5	31.4	31.2	31.6	32.1	33.1	34.3	35.7	37.2	39.1	40.9	42.5	N/A
30+	27.7	27.1	26.4	25.6	25.5	25.4	25.8	26.3	27.1	28.0	29.1	30.4	31.7	N/A
Delaware	50.9	51.4	50.9	51.1	50.8	51.6	52.9	55.0	56.3	58.5	59.6	61.0	62.2	63.4
<20	76.9	79.6	81.0	80.9	80.3	80.2	80.2	80.7	81.1	83.5	85.3	86.3	88.3	89.4
20-24	56.5	56.7	56.3	57.1	57.6	59.4	61.6	64.5	66.2	67.3	68.1	69.9	70.6	72.2
25-29	34.3	34.8	35.8	37.2	38.9	40.2	41.8	44.5	46.9	50.6	52.4	55.0	56.2	57.6
30+	30.9	34.0	32.2	32.6	32.2	31.7	33.1	35.0	36.4	38.2	39.8	40.2	42.6	43.8
Kent	45.2	45.5	46.3	46.7	44.9	42.2	41.3	41.1	44.5	47.8	48.2	51.6	54.1	54.8
<20	77.5	78.5	76.8	79.1	76.2	81.3	76.9	71.6	70.8	76.6	77.3	80.8	84.4	85.7
20-24	47.9	51.6	51.6	53.5	51.4	46.1	42.9	46.2	50.0	53.8	54.5	59.2	61.0	62.5
25-29	28.2	26.4	29.3	28.3	29.8	29.6	30.3	32.2	40.0	39.7	39.0	42.9	43.6	43.9
30+	18.9	17.0	18.5	24.6	27.3	24.4	24.7	22.2	19.8	24.3	26.5	28.8	35.5	36.9
New Castle	49.4	49.3	47.8	47.5	47.0	48.0	49.5	52.3	52.7	54.3	55.6	56.3	57.3	59.0
<20	79.1	81.3	81.3	80.5	79.0	78.1	78.6	79.9	79.3	81.3	83.4	84.2	86.8	88.7
20-24	53.6	52.5	51.2	52.5	54.0	56.4	59.2	63.1	64.6	64.8	66.0	67.4	67.6	69.7
25-29	32.1	32.2	33.0	32.4	34.0	34.8	37.0	40.0	41.7	45.5	47.2	48.7	49.8	51.4
30+	28.7	31.7	28.8	29.6	28.3	29.0	29.1	31.1	31.3	32.4	33.7	34.4	36.7	38.0
Wilmington	63.3	63.2	62.4	61.2	60.1	60.1	61.1	63.3	63.5	65.6	67.8	67.8	68.8	70.6
<20	84.0	85.0	86.0	84.6	83.2	82.9	81.9	81.8	82.2	84.5	86.0	88.1	91.5	93.6
20-24	65.2	61.4	62.3	60.8	61.3	63.3	66.8	69.0	69.0	69.4	71.8	72.7	74.2	78.1
25-29	43.6	47.7	47.1	48.4	46.9	47.9	48.5	52.5	52.4	57.2	61.6	61.9	61.0	62.0
30+	44.0	46.4	45.0	45.4	44.0	43.5	43.2	44.6	45.5	47.7	47.6	45.8	48.0	47.5
Balance of NC County	40.0	40.7	39.3	39.9	40.5	42.5	44.6	48.0	48.8	50.6	51.8	52.9	54.1	55.9
<20	73.6	77.3	76.9	76.9	75.5	74.9	76.5	78.9	77.6	79.7	82.2	82.6	84.9	86.9
20-24	45.1	46.4	44.1	47.5	49.9	53.1	55.7	60.6	62.8	63.1	64.0	65.6	65.5	67.0
25-29	26.3	25.0	26.7	25.6	29.0	29.5	32.9	35.9	38.5	42.1	43.3	45.4	46.9	48.7
30+	22.0	25.7	22.3	23.0	22.5	23.9	24.5	27.3	27.8	28.9	30.7	32.0	34.5	36.2
Sussex	57.1	58.3	59.3	60.5	61.4	63.1	64.7	65.6	67.7	70.3	71.3	73.1	73.5	73.9
<20	68.2	74.3	82.4	83.1	85.9	85.7	86.0	86.1	89.6	91.3	92.7	92.8	92.8	92.2
20-24	64.5	64.8	65.1	65.7	66.0	69.2	72.0	72.8	74.8	76.4	76.3	77.6	78.2	79.0
25-29	42.9	43.8	44.1	50.2	52.4	54.8	56.0	57.5	59.0	63.1	66.0	69.5	70.9	72.0
30+	44.0	47.9	47.4	45.7	46.3	43.9	47.7	49.8	54.0	56.4	57.5	57.7	57.6	57.9

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.

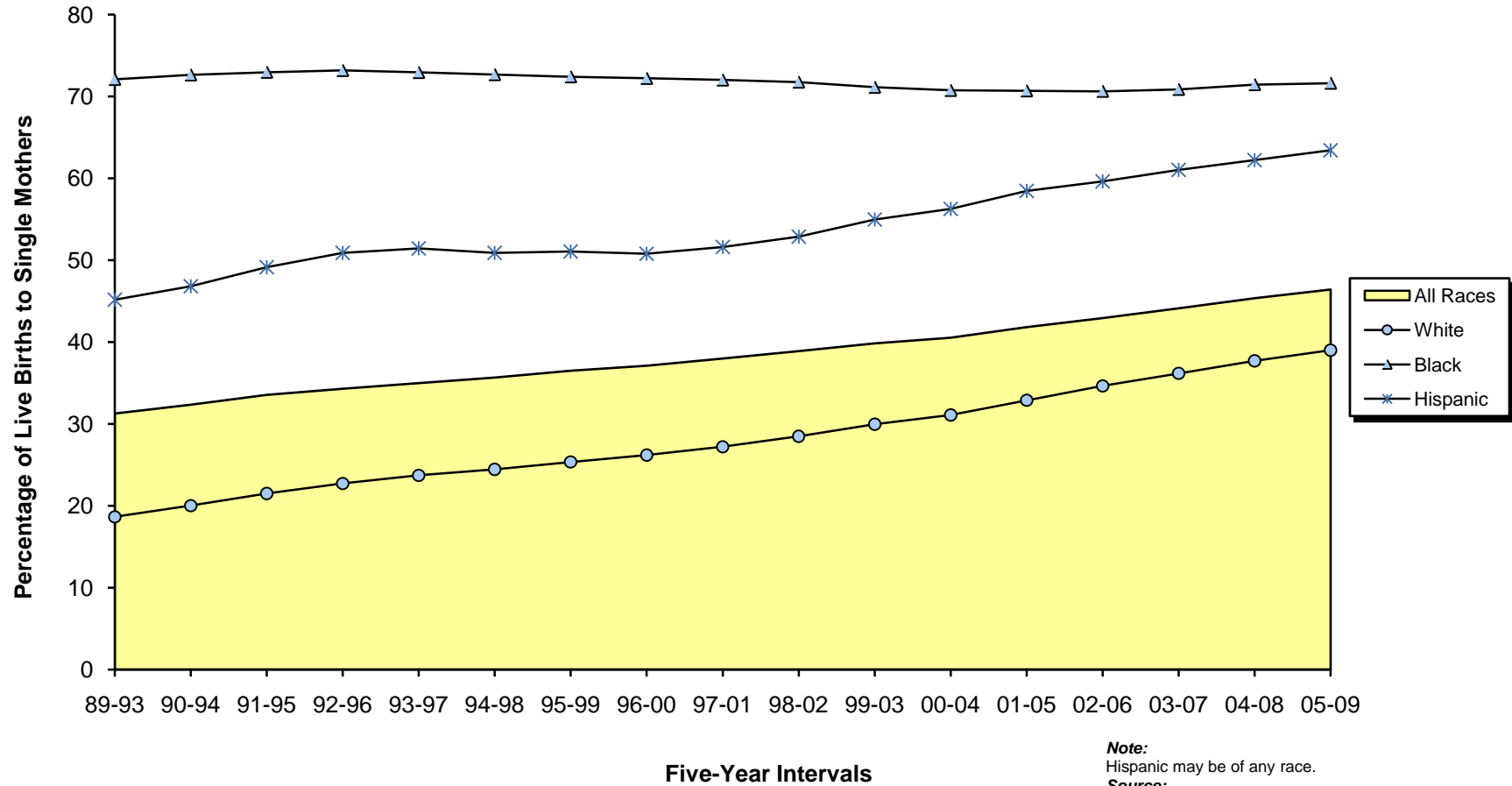
Sources:

National Center for Health Statistics
Delaware Health Statistics Center

SGLUSDE4

Figure C-10
Five-Year Average Percentage of Births to Single Mothers by
Race and Hispanic Origin*

Delaware, 1989-2009



Note:
Hispanic may be of any race.
Source:
Delaware Health Statistics Center

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

DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

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*
Delaware	11369	7573	3178	618	1659	5935	4527	895	513	581	5434	3046	2283	105	1078
<15	18	10	8	0	7	2	2	0	0	1	16	8	8	0	6
15-17	308	156	148	4	64	9	8	1	0	2	299	148	147	4	62
18-19	759	424	326	9	152	61	49	10	2	25	698	375	316	7	127
20-24	2831	1776	967	88	526	752	588	111	53	125	2079	1188	856	35	401
25-29	3280	2252	825	203	470	1893	1453	269	171	192	1387	799	556	32	278
30-34	2625	1875	540	210	299	2001	1533	279	189	153	624	342	261	21	146
35-39	1248	888	278	82	115	980	737	167	76	71	268	151	111	6	44
40+	300	192	86	22	26	237	157	58	22	12	63	35	28	0	14
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent	2258	1527	649	82	201	1237	991	192	54	85	1021	536	457	28	116
<15	3	3	0	0	2	0	0	0	0	0	3	3	0	0	2
15-17	59	29	28	2	7	1	1	0	0	0	58	28	28	2	7
18-19	147	77	65	5	22	18	13	4	1	7	129	64	61	4	15
20-24	719	466	230	23	75	270	222	38	10	26	449	244	192	13	49
25-29	687	481	186	20	50	447	362	69	16	22	240	119	117	4	28
30-34	437	319	93	25	31	345	271	53	21	21	92	48	40	4	10
35-39	164	125	34	5	12	124	103	17	4	9	40	22	17	1	3
40+	42	27	13	2	2	32	19	11	2	0	10	8	2	0	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Castle	6794	4248	2075	471	907	3690	2660	610	420	359	3104	1588	1465	51	548
<15	11	6	5	0	4	2	2	0	0	1	9	4	5	0	3
15-17	172	73	97	2	41	5	4	1	0	1	167	69	96	2	40
18-19	430	232	195	3	92	29	25	3	1	16	401	207	192	2	76
20-24	1424	803	570	51	269	319	221	63	35	67	1105	582	507	16	202
25-29	1921	1231	531	159	255	1110	799	169	142	125	811	432	362	17	130
30-34	1759	1194	400	165	167	1359	1000	203	156	96	400	194	197	9	71
35-39	873	585	216	72	66	700	501	132	67	45	173	84	84	5	21
40+	204	124	61	19	13	166	108	39	19	8	38	16	22	0	5
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilmington	1237	422	796	19	174	353	214	124	15	51	884	208	672	4	123
<15	3	1	2	0	1	0	0	0	0	0	3	1	2	0	1
15-17	63	12	51	0	11	1	0	1	0	0	62	12	50	0	11
18-19	127	28	98	1	18	3	2	1	0	1	124	26	97	1	17
20-24	360	104	256	0	61	38	22	16	0	11	322	82	240	0	50
25-29	312	103	199	10	49	85	45	31	9	20	227	58	168	1	29
30-34	237	114	118	5	27	133	90	40	3	15	104	24	78	2	12
35-39	109	51	57	1	4	79	47	31	1	3	30	4	26	0	1
40+	26	9	15	2	3	14	8	4	2	1	12	1	11	0	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5557	3826	1279	452	733	3337	2446	486	405	308	2220	1380	793	47	425
<15	8	5	3	0	3	2	2	0	0	1	6	3	3	0	2
15-17	109	61	46	2	30	4	4	0	0	1	105	57	46	2	29
18-19	303	204	97	2	74	26	23	2	1	15	277	181	95	1	59
20-24	1064	699	314	51	208	281	199	47	35	56	783	500	267	16	152
25-29	1609	1128	332	149	206	1025	754	138	133	105	584	374	194	16	101
30-34	1522	1080	282	160	140	1226	910	163	153	81	296	170	119	7	59
35-39	764	534	159	71	62	621	454	101	66	42	143	80	58	5	20
40+	178	115	46	17	10	152	100	35	17	7	26	15	11	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sussex	2317	1798	454	65	551	1008	876	93	39	137	1309	922	361	26	414
<15	4	1	3	0	1	0	0	0	0	0	4	1	3	0	1
15-17	77	54	23	0	16	3	3	0	0	1	74	51	23	0	15
18-19	182	115	66	1	38	14	11	3	0	2	168	104	63	1	36
20-24	688	507	167	14	182	163	145	10	8	32	525	362	157	6	150
25-29	672	540	108	24	165	336	292	31	13	45	336	248	77	11	120
30-34	429	362	47	20	101	297	262	23	12	36	132	100	24	8	65
35-39	211	178	28	5	37	156	133	18	5	17	55	45	10	0	20
40+	54	41	12	1	11	39	30	8	1	4	15	11	4	0	7
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

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

Source:

Delaware Health Statistics Center

LBMSAGE1

TABLE C-18
NUMBER OF LIVE BIRTHS BY LIVE BIRTH ORDER AND AGE OF MOTHER
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

Area/ Birth Order	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	11369	18	308	759	2831	3280	2625	1248	300	0
First	4630	16	276	591	1441	1223	759	258	66	0
Second	3640	2	30	134	914	1091	955	431	83	0
Third	1840	0	2	26	331	563	542	311	65	0
Fourth+	1251	0	0	8	145	401	366	246	85	0
Unknown	8	0	0	0	0	2	3	2	1	0
Kent	2258	3	59	147	719	687	437	164	42	0
First	936	3	55	120	383	225	110	34	6	0
Second	687	0	4	17	236	239	145	35	11	0
Third	365	0	0	7	72	117	115	43	11	0
Fourth+	269	0	0	3	28	105	67	52	14	0
Unknown	1	0	0	0	0	1	0	0	0	0
New Castle	6794	11	172	430	1424	1921	1759	873	204	0
First	2842	9	151	342	746	797	559	189	49	0
Second	2194	2	19	71	442	616	656	327	61	0
Third	1074	0	2	15	158	318	321	218	42	0
Fourth+	681	0	0	2	78	189	222	139	51	0
Unknown	3	0	0	0	0	1	1	0	1	0
Wilmington	1237	3	63	127	360	312	237	109	26	0
First	495	3	50	96	162	79	66	31	8	0
Second	321	0	12	26	97	83	56	40	7	0
Third	200	0	1	4	57	79	39	15	5	0
Fourth+	221	0	0	1	44	71	76	23	6	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5557	8	109	303	1064	1609	1522	764	178	0
First	2347	6	101	246	584	718	493	158	41	0
Second	1873	2	7	45	345	533	600	287	54	0
Third	874	0	1	11	101	239	282	203	37	0
Fourth+	460	0	0	1	34	118	146	116	45	0
Unknown	3	0	0	0	0	1	1	0	1	0
Sussex	2317	4	77	182	688	672	429	211	54	0
First	852	4	70	129	312	201	90	35	11	0
Second	759	0	7	46	236	236	154	69	11	0
Third	401	0	0	4	101	128	106	50	12	0
Fourth+	301	0	0	3	39	107	77	55	20	0
Unknown	4	0	0	0	0	0	2	2	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, 2009

Area/ Birth Order	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Delaware	11369	100.0	7573	100.0	3178	100.0	618	100.0	1659	100.0
First	4630	40.7	3093	40.8	1237	38.9	300	48.5	527	31.8
Second	3640	32.0	2570	33.9	855	26.9	215	34.8	536	32.3
Third	1840	16.2	1235	16.3	539	17.0	66	10.7	367	22.1
Fourth+	1251	11.0	670	8.8	544	17.1	37	6.0	227	13.7
Unknown	8	0.1	5	0.1	3	0.1	0	0.0	2	0.1
Kent	2258	100.0	1527	100.0	649	100.0	82	100.0	201	100.0
First	936	41.5	644	42.2	251	38.7	41	50.0	83	41.3
Second	687	30.4	485	31.8	176	27.1	26	31.7	60	29.9
Third	365	16.2	254	16.6	103	15.9	8	9.8	33	16.4
Fourth+	269	11.9	143	9.4	119	18.3	7	8.5	25	12.4
Unknown	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0
New Castle	6794	100.0	4248	100.0	2075	100.0	471	100.0	907	100.0
First	2842	41.8	1776	41.8	829	40.0	237	50.3	308	34.0
Second	2194	32.3	1487	35.0	545	26.3	162	34.4	287	31.6
Third	1074	15.8	663	15.6	361	17.4	50	10.6	203	22.4
Fourth+	681	10.0	320	7.5	339	16.3	22	4.7	108	11.9
Unknown	3	0.0	2	0.0	1	0.0	0	0.0	1	0.1
Wilmington	1237	100.0	422	100.0	796	100.0	19	100.0	174	100.0
First	495	40.0	188	44.5	295	37.1	12	63.2	67	38.5
Second	321	25.9	134	31.8	183	23.0	4	21.1	52	29.9
Third	200	16.2	50	11.8	150	18.8	0	0.0	25	14.4
Fourth+	221	17.9	50	11.8	168	21.1	3	15.8	30	17.2
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Balance of NC County	5557	100.0	3826	100.0	1279	100.0	452	100.0	733	100.0
First	2347	42.2	1588	41.5	534	41.8	225	49.8	241	32.9
Second	1873	33.7	1353	35.4	362	28.3	158	35.0	235	32.1
Third	874	15.7	613	16.0	211	16.5	50	11.1	178	24.3
Fourth+	460	8.3	270	7.1	171	13.4	19	4.2	78	10.6
Unknown	3	0.1	2	0.1	1	0.1	0	0.0	1	0.1
Sussex	2317	100.0	1798	100.0	454	100.0	65	100.0	551	100.0
First	852	36.8	673	37.4	157	34.6	22	33.8	136	24.7
Second	759	32.8	598	33.3	134	29.5	27	41.5	189	34.3
Third	401	17.3	318	17.7	75	16.5	8	12.3	131	23.8
Fourth+	301	13.0	207	11.5	86	18.9	8	12.3	94	17.1
Unknown	4	0.2	2	0.1	2	0.4	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, 2009

Area/ Plurality	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	11369	18	308	759	2831	3280	2625	1248	300	0
Single	10975	16	302	749	2751	3186	2516	1176	279	0
Plural	394	2	6	10	80	94	109	72	21	0
Kent	2258	3	59	147	719	687	437	164	42	0
Single	2188	3	59	145	707	665	421	148	40	0
Plural	70	0	0	2	12	22	16	16	2	0
New Castle	6794	11	172	430	1424	1921	1759	873	204	0
Single	6535	9	168	424	1371	1861	1685	825	192	0
Plural	259	2	4	6	53	60	74	48	12	0
Wilmington	1237	3	63	127	360	312	237	109	26	0
Single	1185	3	61	125	341	299	221	109	26	0
Plural	52	0	2	2	19	13	16	0	0	0
Balance of NC County	5557	8	109	303	1064	1609	1522	764	178	0
Single	5350	6	107	299	1030	1562	1464	716	166	0
Plural	207	2	2	4	34	47	58	48	12	0
Sussex	2317	4	77	182	688	672	429	211	54	0
Single	2252	4	75	180	673	660	410	203	47	0
Plural	65	0	2	2	15	12	19	8	7	0

Note:
Plural births represent twins, triplets, etc.

Source:
Delaware Health Statistics Center

PLURAGE

TABLE C-21
NUMBER AND PERCENT OF LIVE BIRTHS BY PLURALITY, RACE AND HISPANIC ORIGIN OF MOTHER
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

Area/ Plurality	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Delaware	11369	100.0	7573	100.0	3178	100.0	618	100.0	1659	100.0
Single	10975	96.5	7305	96.5	3066	96.5	604	97.7	1617	97.5
Plural	394	3.5	268	3.5	112	3.5	14	2.3	42	2.5
Kent	2258	100.0	1527	100.0	649	100.0	82	100.0	201	100.0
Single	2188	96.9	1481	97.0	627	96.6	80	97.6	195	97.0
Plural	70	3.1	46	3.0	22	3.4	2	2.4	6	3.0
New Castle	6794	100.0	4248	100.0	2075	100.0	471	100.0	907	100.0
Single	6535	96.2	4081	96.1	1995	96.1	459	97.5	883	97.4
Plural	259	3.8	167	3.9	80	3.9	12	2.5	24	2.6
Wilmington	1237	100.0	422	100.0	796	100.0	19	100.0	174	100.0
Single	1185	95.8	408	96.7	758	95.2	19	100.0	170	97.7
Plural	52	4.2	14	3.3	38	4.8	0	0.0	4	2.3
Balance of NC County	5557	100.0	3826	100.0	1279	100.0	452	100.0	733	100.0
Single	5350	96.3	3673	96.0	1237	96.7	440	97.3	713	97.3
Plural	207	3.7	153	4.0	42	3.3	12	2.7	20	2.7
Sussex	2317	100.0	1798	100.0	454	100.0	65	100.0	551	100.0
Single	2252	97.2	1743	96.9	444	97.8	65	100.0	539	97.8
Plural	65	2.8	55	3.1	10	2.2	0	0.0	12	2.2

PLURRACE

Notes:

1. Plural births represent twins, triplets, etc.
2. Percentages may not add to 100% due to rounding.
3. Percentages are calculated based upon the total number of births in each race/origin category.
4. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
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, 2009

Place of Birth/ Type of Facility	Births to Delaware Residents		Births Occurring in Delaware		Births in Delaware to Non-Residents	
	Number	Percent	Number	Percent	Number	Percent
DELAWARE						
HOSPITAL						
Beebe Medical Center	928	8.2	939	7.8	11	1.1
Kent General	1886	16.6	1910	15.9	24	2.4
Christiana Care	5926	52.1	6783	56.6	857	85.1
Milford Memorial	446	3.9	455	3.8	9	0.9
Nanticoke Memorial	848	7.5	863	7.2	15	1.5
St. Francis	756	6.6	802	6.7	46	4.6
Total	10790	94.9	11752	98.0	962	95.5
BIRTHING CENTER	103	0.9	147	1.2	44	4.4
HOME BIRTH	86	0.8	87	0.7	1	0.1
ENROUTE/OTHER	3	0.0	3	0.0	0	0.0
UNKNOWN	0	0.0	0	0.0	0	0.0
TOTAL	10982	96.6	11989	100.0	1007	100.0
OUT-OF-STATE						
HOSPITAL						
Crozier Med. Center, PA	113	1.0	N/A		N/A	
Peninsula General, MD	107	0.9	N/A		N/A	
Riddle Memorial, PA	10	0.1	N/A		N/A	
Other Hospitals	156	1.4	N/A		N/A	
Total	386	3.4	N/A		N/A	
BIRTHING CENTER	0	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	387	3.4	N/A		N/A	
TOTAL	11369	100.0	11989	100.0	1007	100.0

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, 2009

Area/ Attendant at Birth	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Delaware	11369	100.0	7573	100.0	3178	100.0	618	100.0	1659	100.0
Physician	10319	90.8	6745	89.1	3005	94.6	569	92.1	1479	89.2
Midwife	808	7.1	661	8.7	124	3.9	23	3.7	167	10.1
Other	36	0.3	30	0.4	6	0.2	0	0.0	7	0.4
Unknown	206	1.8	137	1.8	43	1.4	26	4.2	6	0.4
Kent	2258	100.0	1527	100.0	649	100.0	82	100.0	201	100.0
Physician	2161	95.7	1439	94.2	641	98.8	81	98.8	193	96.0
Midwife	83	3.7	77	5.0	5	0.8	1	1.2	8	4.0
Other	9	0.4	8	0.5	1	0.2	0	0.0	0	0.0
Unknown	5	0.2	3	0.2	2	0.3	0	0.0	0	0.0
New Castle	6794	100.0	4248	100.0	2075	100.0	471	100.0	907	100.0
Physician	6399	94.2	3974	93.5	1986	95.7	439	93.2	882	97.2
Midwife	192	2.8	139	3.3	47	2.3	6	1.3	18	2.0
Other	7	0.1	5	0.1	2	0.1	0	0.0	1	0.1
Unknown	196	2.9	130	3.1	40	1.9	26	5.5	6	0.7
Wilmington	1237	100.0	422	100.0	796	100.0	19	100.0	174	100.0
Physician	1176	95.1	395	93.6	763	95.9	18	94.7	171	98.3
Midwife	32	2.6	11	2.6	21	2.6	0	0.0	2	1.1
Other	2	0.2	1	0.2	1	0.1	0	0.0	0	0.0
Unknown	27	2.2	15	3.6	11	1.4	1	5.3	1	0.6
Balance of										
NC County	5557	100.0	3826	100.0	1279	100.0	452	100.0	733	100.0
Physician	5223	94.0	3579	93.5	1223	95.6	421	93.1	711	97.0
Midwife	160	2.9	128	3.3	26	2.0	6	1.3	16	2.2
Other	5	0.1	4	0.1	1	0.1	0	0.0	1	0.1
Unknown	169	3.0	115	3.0	29	2.3	25	5.5	5	0.7
Sussex	2317	100.0	1798	100.0	454	100.0	65	100.0	551	100.0
Physician	1759	75.9	1332	74.1	378	83.3	49	75.4	404	73.3
Midwife	533	23.0	445	24.7	72	15.9	16	24.6	141	25.6
Other	20	0.9	17	0.9	3	0.7	0	0.0	6	1.1
Unknown	5	0.2	4	0.2	1	0.2	0	0.0	0	0.0

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, 1990-2009

(ALL RACES)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	7.1	7.2	7.2	7.3	7.4	7.5	7.5	7.6	7.6	7.7	7.8	7.9	8.0	8.1	8.2	N/A
<20	9.4	9.4	9.4	9.4	9.5	9.5	9.6	9.6	9.6	9.6	9.7	9.8	9.9	9.9	9.9	N/A
20-24	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	N/A
25-29	6.3	6.3	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.9	7.1	7.2	7.3	7.4	N/A
30+	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8	8.0	8.1	8.2	8.2	N/A
Delaware	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	9.3	9.1	9.0
<20	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	11.2	11.3	11.1
20-24	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	9.9	9.5	9.4
25-29	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	8.2	8.1	8.0
30+	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	9.1	9.0	9.0
Kent	7.1	7.3	7.2	7.5	7.7	8.1	8.1	8.6	8.9	9.2	9.3	9.5	9.3	9.3	9.0	8.8
<20	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	11.4	11.0	11.8
20-24	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	9.8	9.2	8.2
25-29	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	7.5	7.7	7.9
30+	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	9.5	9.4	9.3
New Castle	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	9.8	9.6	9.5
<20	11.5	11.5	11.4	11.2	11.2	11.4	11.3	11.6	11.8	11.5	11.9	12.5	12.4	12.5	12.7	12.0
20-24	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	10.6	10.4	10.5
25-29	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	8.7	8.4	8.5
30+	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	9.4	9.2	9.1
Wilmington	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	13.6	13.4	13.5
<20	13.3	13.2	13.3	13.2	13.5	14.3	14.4	14.6	14.9	14.2	13.8	14.7	14.7	14.4	14.5	14.6
20-24	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	14.2	13.6	13.9
25-29	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	12.9	13.2	13.7
30+	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	12.9	12.7	12.2
Balance of NC County	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	9.0	8.8	8.6
<20	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	11.5	11.7	10.7
20-24	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	9.4	9.3	9.4
25-29	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	7.9	7.6	7.5
30+	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	9.0	8.8	8.6
Sussex	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	7.8	7.7	7.8
<20	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	8.2	8.4	8.7
20-24	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	8.4	8.0	8.1
25-29	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	7.5	7.2	6.9
30+	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	7.3	7.6	8.1

FYALBW1

Note:

N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

TABLE C-25
FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS) BY AGE OF MOTHER

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1990-2009

(WHITE)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	7.0	7.1	7.1	N/A
<20	7.7	7.8	7.8	7.9	8.0	8.1	8.1	8.1	8.1	8.2	8.2	8.3	8.4	8.5	8.5	N/A
20-24	5.9	6.0	6.0	6.2	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	N/A
25-29	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	N/A
30+	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.4	N/A
Delaware	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	7.5	7.3	7.2
<20	8.0	8.3	8.1	7.9	8.0	8.1	8.3	8.6	8.7	8.8	8.9	8.9	8.7	8.7	8.5	8.2
20-24	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	7.6	7.4	7.3
25-29	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	6.8	6.6	6.6
30+	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	7.6	7.5	7.4
Kent	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	7.6	7.6	7.4
<20	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	9.2	9.3	9.5
20-24	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	8.0	7.8	7.0
25-29	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	5.9	6.4	6.5
30+	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	8.1	8.2	7.8
New Castle	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	7.8	7.6	7.4
<20	8.8	9.0	8.8	8.4	8.6	8.3	8.3	8.5	8.5	8.7	9.5	9.9	9.6	10.0	9.5	8.7
20-24	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	7.9	7.7	7.7
25-29	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	7.3	6.9	7.0
30+	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	7.7	7.6	7.3
Wilmington	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	8.1	7.8	7.6
<20	8.8	10.0	10.0	9.1	10.2	11.2	10.1	10.3	9.8	9.5	9.1	8.9	9.3	9.6	9.3	9.6
20-24	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	8.7	7.8	7.7
25-29	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	7.9	7.6	7.4
30+	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	7.4	7.6	7.2
Balance of NC County	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	7.8	7.5	7.4
<20	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	10.0	9.6	8.5
20-24	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	7.7	7.7	7.7
25-29	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	7.2	6.8	6.9
30+	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	7.7	7.6	7.3
Sussex	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	6.5	6.4	6.6
<20	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	6.1	6.1	6.4
20-24	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	6.7	6.6	6.9
25-29	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	6.3	5.9	5.6
30+	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	6.7	6.8	7.4

Note:

N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

FYALBW2

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, 1990-2009

(BLACK)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	13.3	13.3	13.2	13.1	13.1	13.1	13.0	13.0	13.1	13.1	13.2	13.3	13.4	13.5	13.5	N/A
<20	13.4	13.3	13.3	13.3	13.3	13.4	13.6	13.6	13.7	13.8	13.9	14.0	14.2	14.2	14.1	N/A
20-24	12.2	12.2	12.0	12.0	12.0	12.0	12.0	12.1	12.3	12.5	12.7	12.9	13.0	13.1	13.1	N/A
25-29	13.1	13.0	12.8	12.6	12.4	12.3	12.2	12.1	12.1	12.1	12.2	12.4	12.5	12.6	12.7	N/A
30+	15.1	15.2	15.1	15.0	14.9	14.8	14.6	14.4	14.3	14.3	14.2	14.2	14.3	14.3	14.2	N/A
Delaware	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	14.3	14.0	13.8
<20	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	14.4	14.8	14.9
20-24	12.5	12.8	13.1	13.0	13.3	13.8	13.7	13.3	13.2	13.5	13.4	13.9	14.0	14.4	13.6	13.4
25-29	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	12.6	12.7	12.7
30+	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	15.6	15.1	14.8
Kent	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	13.7	12.6	12.5
<20	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	13.5	12.4	13.8
20-24	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	13.4	12.2	10.9
25-29	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	12.2	11.4	11.3
30+	15.1	16.0	14.1	14.2	15.4	15.4	15.8	16.7	17.0	16.1	16.5	16.3	16.4	16.2	14.9	15.3
New Castle	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	14.8	14.6	14.5
<20	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	15.4	16.2	15.8
20-24	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	15.0	14.5	14.8
25-29	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	12.8	12.8	12.8
30+	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	16.0	15.4	15.0
Wilmington	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	17.1	16.8	16.9
<20	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	15.7	15.7	15.8
20-24	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	16.7	16.1	16.5
25-29	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	16.5	17.2	17.7
30+	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	19.8	18.7	18.0
Balance of NC County	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	13.4	13.2	13.0
<20	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	14.9	16.7	15.7
20-24	13.2	12.8	14.1	13.5	14.3	14.0	14.5	13.6	12.8	12.2	12.1	12.0	12.8	13.6	13.1	13.4
25-29	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	10.8	10.4	10.1
30+	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	14.7	14.2	13.9
Sussex	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	12.7	13.0	12.7
<20	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	12.4	13.1	13.5
20-24	10.8	11.1	10.9	10.6	10.3	11.7	11.4	10.3	10.8	11.5	11.5	13.1	13.9	13.5	12.3	11.6
25-29	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	12.6	14.3	14.2
30+	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	11.4	12.8	12.2

Note:

N/A indicates data not available.

FYALBW3

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, 1990-2009

(HISPANIC ORIGIN*)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	6.2	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.4	6.5	6.6	6.7	6.8	6.9	6.9	N/A
<20	7.5	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.9	8.0	8.0	8.0	N/A
20-24	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.2	6.3	6.4	6.5	6.6	N/A
25-29	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.7	5.8	5.9	6.0	6.1	6.2	N/A
30+	6.5	6.6	6.6	6.7	6.8	6.8	6.8	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.4	N/A
Delaware	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	7.2	7.1	7.1
<20	8.8	8.9	8.0	8.3	9.2	9.4	9.5	10.0	8.4	8.4	8.2	8.3	7.8	8.4	7.6	7.5
20-24	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	7.4	7.0	6.6
25-29	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	6.6	6.7	6.4
30+	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	7.1	7.5	8.1
Kent	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	8.9	9.2	8.5
<20	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	9.2	7.8	8.8
20-24	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	10.6	10.0	7.7
25-29	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	8.4	10.1	10.0
30+	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	6.5	7.9	7.6
New Castle	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	7.8	8.0	7.9
<20	10.3	10.4	9.5	9.9	10.5	10.0	9.7	10.3	8.5	8.3	9.0	9.1	8.5	10.1	9.3	8.6
20-24	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	7.6	7.7	7.2
25-29	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	6.6	7.1	7.0
30+	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	8.0	8.4	9.0
Wilmington	10.1	9.2	8.7	8.1	9.4	9.7	9.2	8.8	9.7	8.9	8.9	9.4	9.8	9.3	9.8	9.7
<20	11.5	11.7	11.2	10.5	11.4	11.3	9.9	8.8	8.6	7.3	7.1	8.0	9.5	10.1	11.4	11.3
20-24	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	9.2	9.0	7.8
25-29	7.3	7.0	9.4	8.6	9.3	9.7	9.2	8.7	9.4	8.8	7.6	8.0	8.6	8.6	9.3	10.1
30+	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	9.3	10.3	11.0
Balance of NC County	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	7.4	7.4	7.4
<20	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	10.2	8.5	7.6
20-24	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	7.0	7.2	7.0
25-29	7.8	8.3	8.2	10.4	9.3	8.2	8.7	7.9	6.3	5.9	5.9	5.7	6.1	6.1	6.6	6.2
30+	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	7.7	8.0	8.7
Sussex	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	5.6	5.0	5.3
<20	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	4.5	4.5	4.8
20-24	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	5.9	4.9	5.3
25-29	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	6.0	5.1	4.3
30+	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	5.0	5.5	6.5

Notes:

FYALBW4

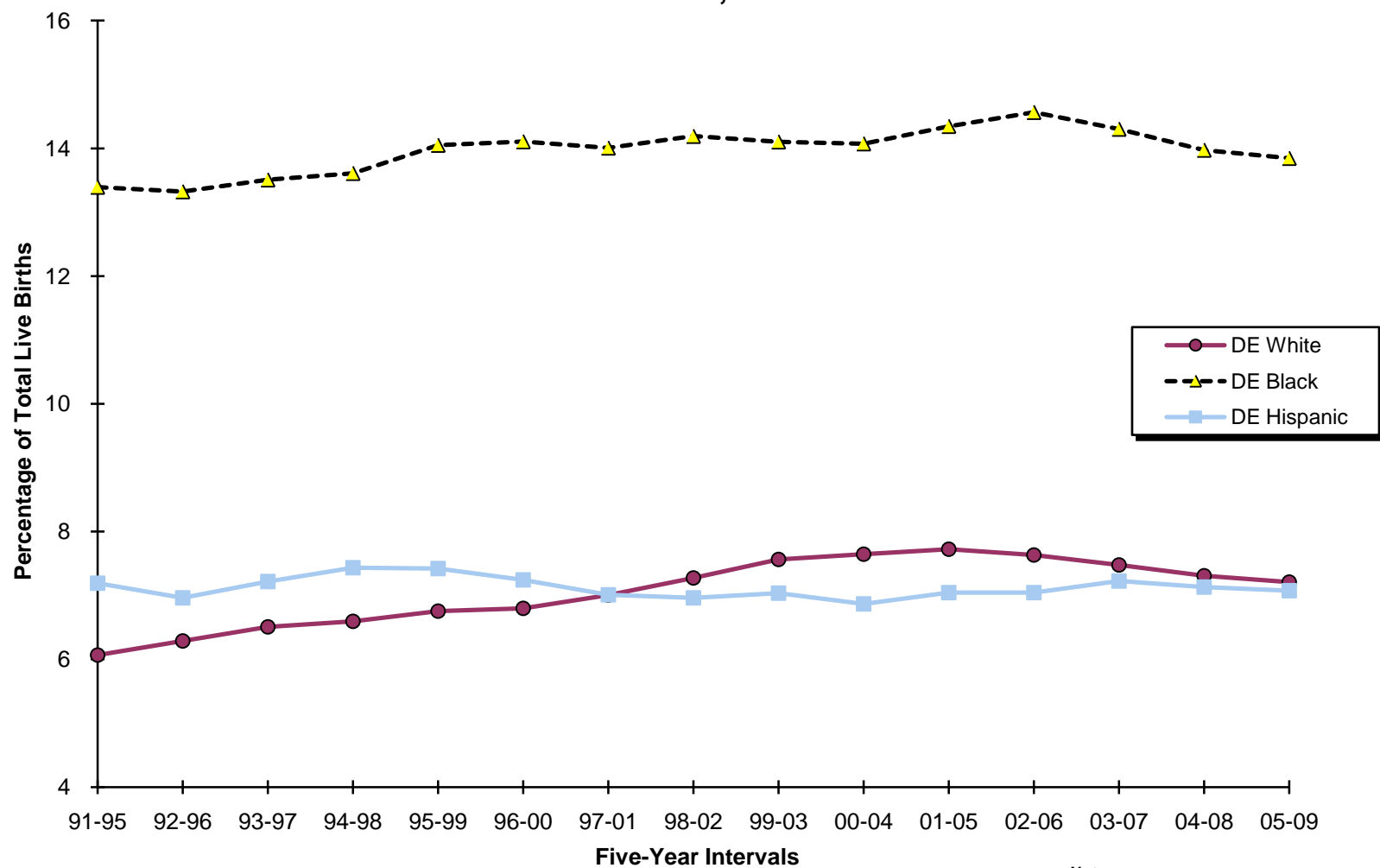
1. *Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
2. Percentages in this table should be interpreted with caution due to small numbers.
3. N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

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

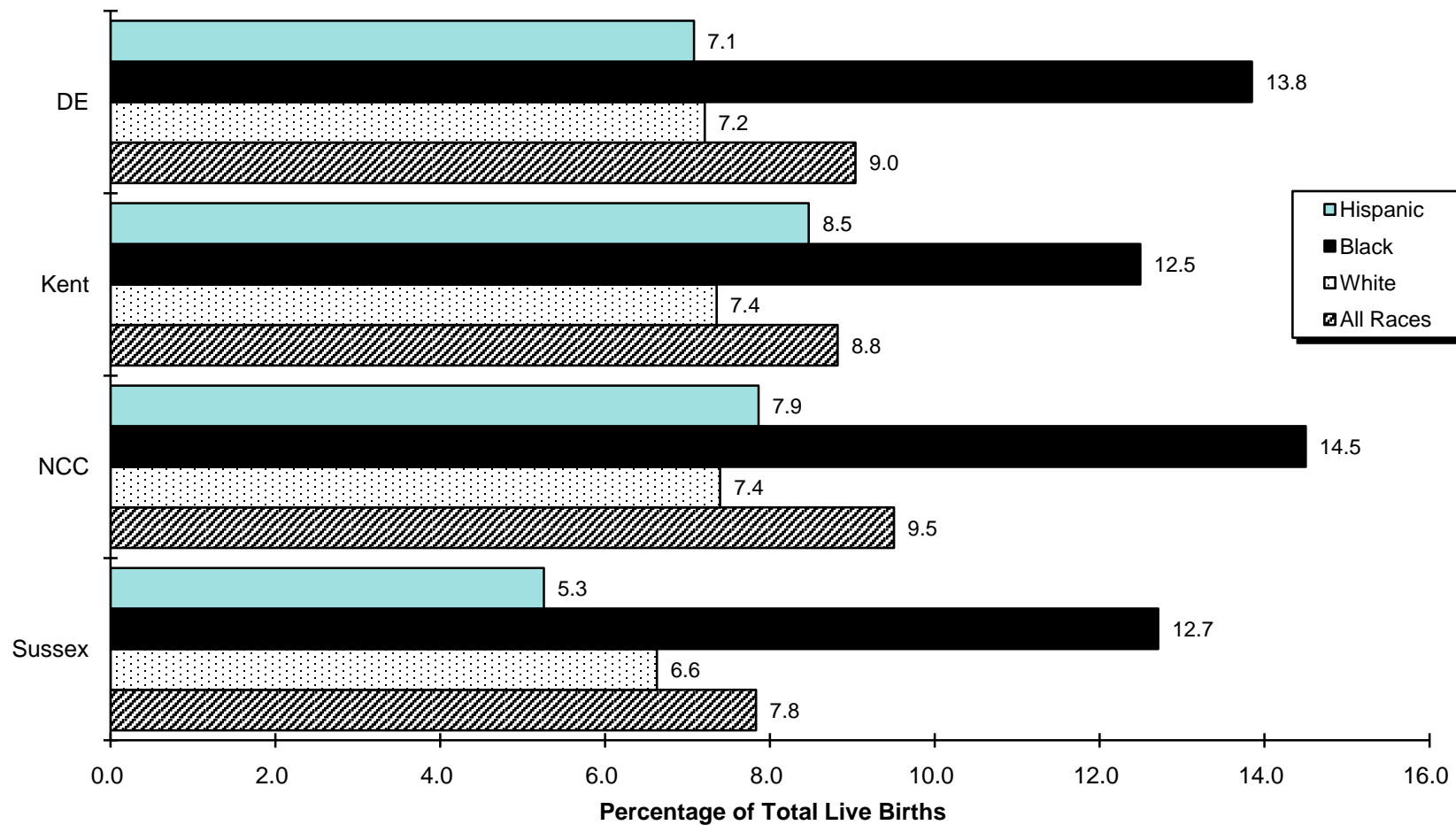
Delaware, 1991-2009



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*

Delaware and Counties, 2005-2009



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, 1990-2009

(ALL RACES)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	1.3	1.3	1.3	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	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	N/A
20-24	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	1.4	1.4	N/A
25-29	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	N/A
30+	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	N/A
Delaware	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	1.9	1.8	1.9
<20	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	2.4	2.4	2.7
20-24	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	1.9	1.9	1.9
25-29	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	1.7	1.6	1.6
30+	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	1.9	1.8	1.9
Kent	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	1.8	1.7	1.7
<20	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	2.7	2.6	3.0
20-24	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	2.0	1.8	1.6
25-29	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	1.5	1.4	1.3
30+	1.6	1.6	1.6	1.7	1.8	2.0	2.1	2.0	2.2	2.0	1.9	1.7	1.6	1.5	1.7	1.9
New Castle	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	2.0	2.0	2.1
<20	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	2.7	2.7	2.8
20-24	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	2.0	2.2	2.3
25-29	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	1.7	1.7	1.8
30+	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	2.1	1.9	2.0
Wilmington	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	3.0	2.8	3.1
<20	3.2	3.0	2.9	2.7	2.8	3.2	3.2	3.2	3.5	3.2	2.7	2.7	2.9	2.6	3.0	3.2
20-24	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	3.1	2.7	2.8
25-29	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	3.5	3.3	3.2
30+	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	2.7	2.4	3.2
Balance of NC County	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	1.9	1.8	1.9
<20	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	2.7	2.6	2.6
20-24	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	1.7	2.0	2.1
25-29	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	1.4	1.4	1.5
30+	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	2.1	1.9	1.9
Sussex	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	1.5	1.5	1.5
<20	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	1.6	1.7	2.2
20-24	1.4	1.4	1.4	1.5	1.6	1.6	1.6	1.4	1.5	1.4	1.4	1.5	1.5	1.4	1.3	1.3
25-29	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	1.8	1.6	1.3
30+	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	1.3	1.4	1.5

Note:

N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

FYAVLBW1

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, 1990-2009

(WHITE)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	N/A
20-24	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	N/A
25-29	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	N/A
30+	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	N/A
Delaware	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	1.3	1.3	1.3
<20	1.6	1.7	1.6	1.4	1.3	1.5	1.7	1.7	1.9	2.0	1.8	1.9	1.9	1.7	1.7	1.8
20-24	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	1.2	1.3	1.3
25-29	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	1.2	1.1	1.1
30+	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	1.3	1.3	1.3
Kent	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	1.2	1.2	1.2
<20	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	1.6	1.6	1.8
20-24	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	1.4	1.3	1.2
25-29	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	1.0	1.0	0.9
30+	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	1.1	1.3	1.3
New Castle	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	1.4	1.4	1.4
<20	1.9	1.8	1.6	1.3	1.2	1.4	1.7	1.9	2.0	2.3	2.2	2.3	2.1	1.9	1.9	1.8
20-24	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	1.3	1.5	1.6
25-29	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	1.3	1.2	1.3
30+	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	1.5	1.3	1.3
Wilmington	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	1.2	1.2	1.5
<20	2.4	2.1	2.1	1.2	1.4	1.8	2.4	2.6	2.8	2.7	2.0	1.4	1.4	1.1	1.5	1.2
20-24	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	1.7	1.6	1.7
25-29	1.1	1.2	1.0	1.4	1.5	1.5	1.5	1.4	1.3	2.0	1.4	1.6	2.2	1.9	1.3	1.5
30+	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	0.5	0.7	1.4
Balance of NC County	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	1.4	1.4	1.4
<20	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	2.1	2.0	1.9
20-24	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	1.2	1.5	1.6
25-29	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	1.2	1.2	1.3
30+	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	1.5	1.4	1.3
Sussex	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	1.1	1.1	1.1
<20	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	1.5	1.3	1.7
20-24	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	0.9	0.9	0.9
25-29	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	1.3	1.1	0.9
30+	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	1.0	1.0	1.1

Note:

N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

FYAVLBW2

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, 1990-2009

(BLACK)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	N/A
<20	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	2.9	N/A
20-24	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.7	N/A
25-29	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.9	N/A
30+	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	N/A
Delaware	3.4	3.2	3.2	3.3	3.3	3.5	3.6	3.6	3.4	3.5	3.3	3.5	3.5	3.5	3.5	3.6
<20	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	3.3	3.5	3.9
20-24	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	3.3	3.1	3.0
25-29	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	3.4	3.4	3.2
30+	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	4.2	4.1	4.3
Kent	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	3.5	3.2	3.2
<20	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	4.1	3.7	4.4
20-24	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	3.4	3.1	2.6
25-29	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	3.2	2.7	2.4
30+	3.5	3.8	3.9	4.4	4.8	5.1	5.4	5.5	5.1	4.7	4.5	3.8	3.5	3.4	3.5	4.1
New Castle	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	3.7	3.7	3.8
<20	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	3.5	3.7	3.9
20-24	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	3.3	3.3	3.4
25-29	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	3.3	3.5	3.3
30+	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	4.6	4.2	4.5
Wilmington	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	4.1	3.9	4.1
<20	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	3.1	3.4	3.9
20-24	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	3.7	3.2	3.2
25-29	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	4.8	4.9	4.5
30+	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	5.4	4.5	5.3
Balance of NC County	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	3.5	3.6	3.6
<20	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	3.9	4.0	4.0
20-24	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	3.0	3.4	3.5
25-29	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	2.6	2.7	2.7
30+	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	4.3	4.2	4.2
Sussex	2.4	2.5	2.3	2.5	2.7	2.6	2.6	2.6	2.6	2.5	2.7	3.0	3.0	2.8	3.0	3.0
<20	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	1.8	2.6	3.2
20-24	2.3	2.3	2.0	1.9	1.7	1.8	1.6	1.7	1.7	1.8	2.1	2.8	3.0	2.9	2.5	2.4
25-29	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	3.9	3.8	3.4
30+	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	2.6	3.5	3.7

Note:

N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

FYAVLBW3

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, 1990-2009

(HISPANIC ORIGIN*)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	N/A
<20	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	N/A
20-24	0.9	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	1.0	N/A
25-29	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	N/A
30+	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	N/A
Delaware	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	1.2	1.1	1.2
<20	2.1	1.9	1.2	0.9	0.8	1.3	2.0	2.8	2.4	2.6	2.2	1.9	1.4	1.4	1.2	1.2
20-24	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	0.9	0.8	0.9
25-29	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	1.1	1.0	1.1
30+	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	1.6	1.6	1.7
Kent	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	1.3	1.5	1.6
<20	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	2.3	2.1	2.0
20-24	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	1.1	1.0	1.3
25-29	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	1.0	1.4	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	0.7	0.6	1.1	1.9	1.7
New Castle	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	1.4	1.3	1.4
<20	2.4	1.9	1.3	1.0	1.0	1.7	2.7	3.7	3.2	3.4	3.0	2.3	1.7	1.6	1.5	1.4
20-24	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	1.1	1.0	1.1
25-29	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	1.1	1.1	1.2
30+	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	1.9	1.9	2.0
Wilmington	2.6	2.1	1.8	1.9	1.8	2.3	2.3	2.4	2.1	1.9	1.2	1.1	1.6	1.5	1.7	1.9
<20	3.5	2.9	2.4	1.5	1.6	2.1	3.0	3.6	3.8	3.2	2.2	1.3	1.2	0.9	1.9	1.5
20-24	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	1.7	1.5	1.6
25-29	1.5	2.1	2.0	3.3	2.3	3.2	2.6	2.7	2.1	2.5	1.2	1.1	2.2	1.8	1.7	2.1
30+	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	1.3	1.8	2.7
Balance of NC County	1.5	1.7	1.3	1.6	1.4	1.6	1.6	1.8	1.8	1.9	1.7	1.7	1.4	1.3	1.2	1.3
<20	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	1.9	1.3	1.4
20-24	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	0.8	0.8	0.9
25-29	0.5	1.2	1.0	1.5	1.5	1.6	1.4	1.8	1.5	1.5	1.2	1.2	0.8	0.9	0.9	1.0
30+	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	2.1	1.9	1.9
Sussex	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	0.7	0.6	0.7
<20	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	0.6	0.3	0.5
20-24	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	0.4	0.4	0.6
25-29	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	1.0	0.9	0.6
30+	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	0.9	0.9	1.0

FYAVLBW4

Notes:

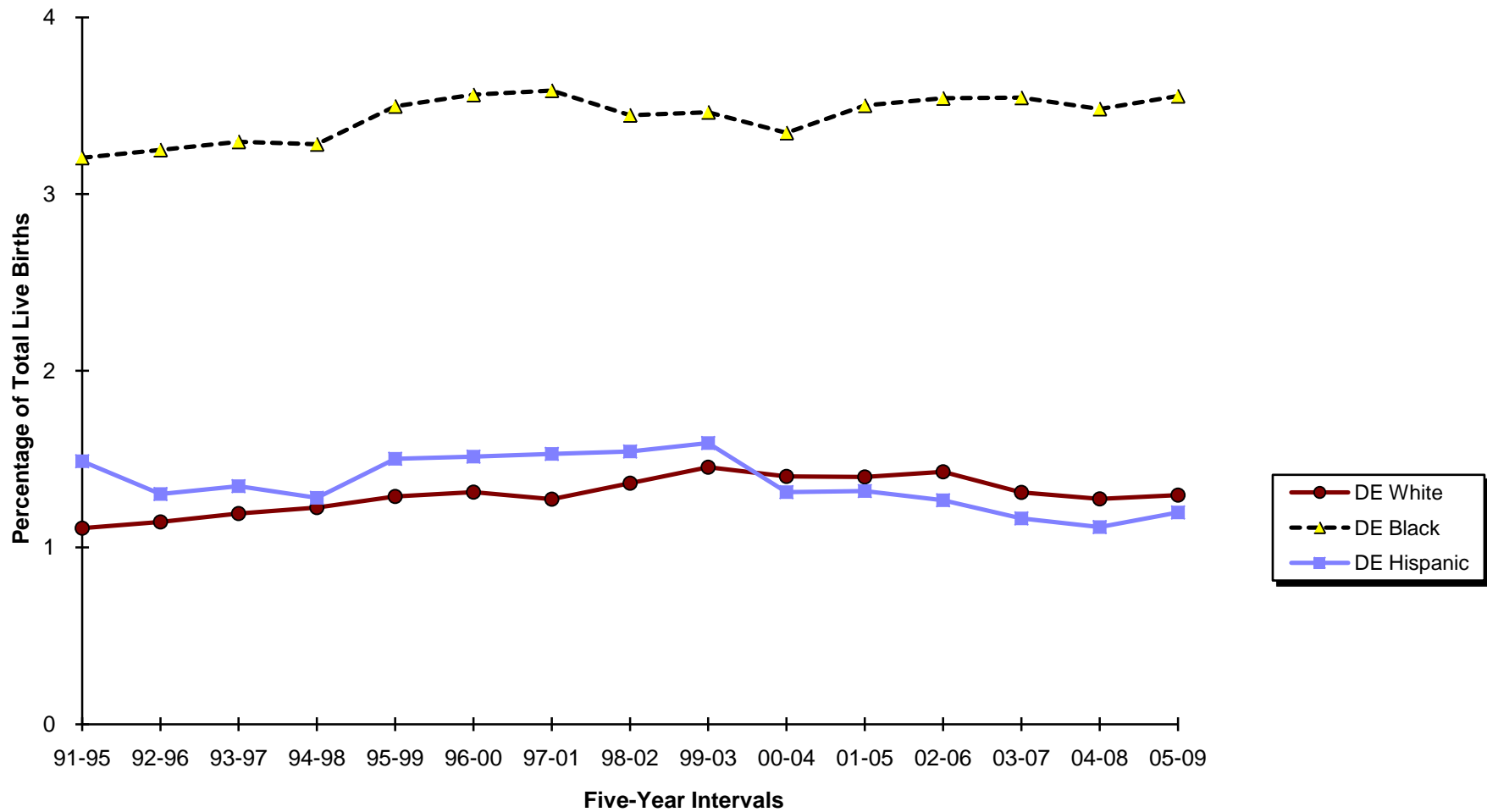
1. *Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
2. Percentages in this table should be interpreted with caution due to small numbers.
3. N/A indicates data not available.

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, 1991-2009



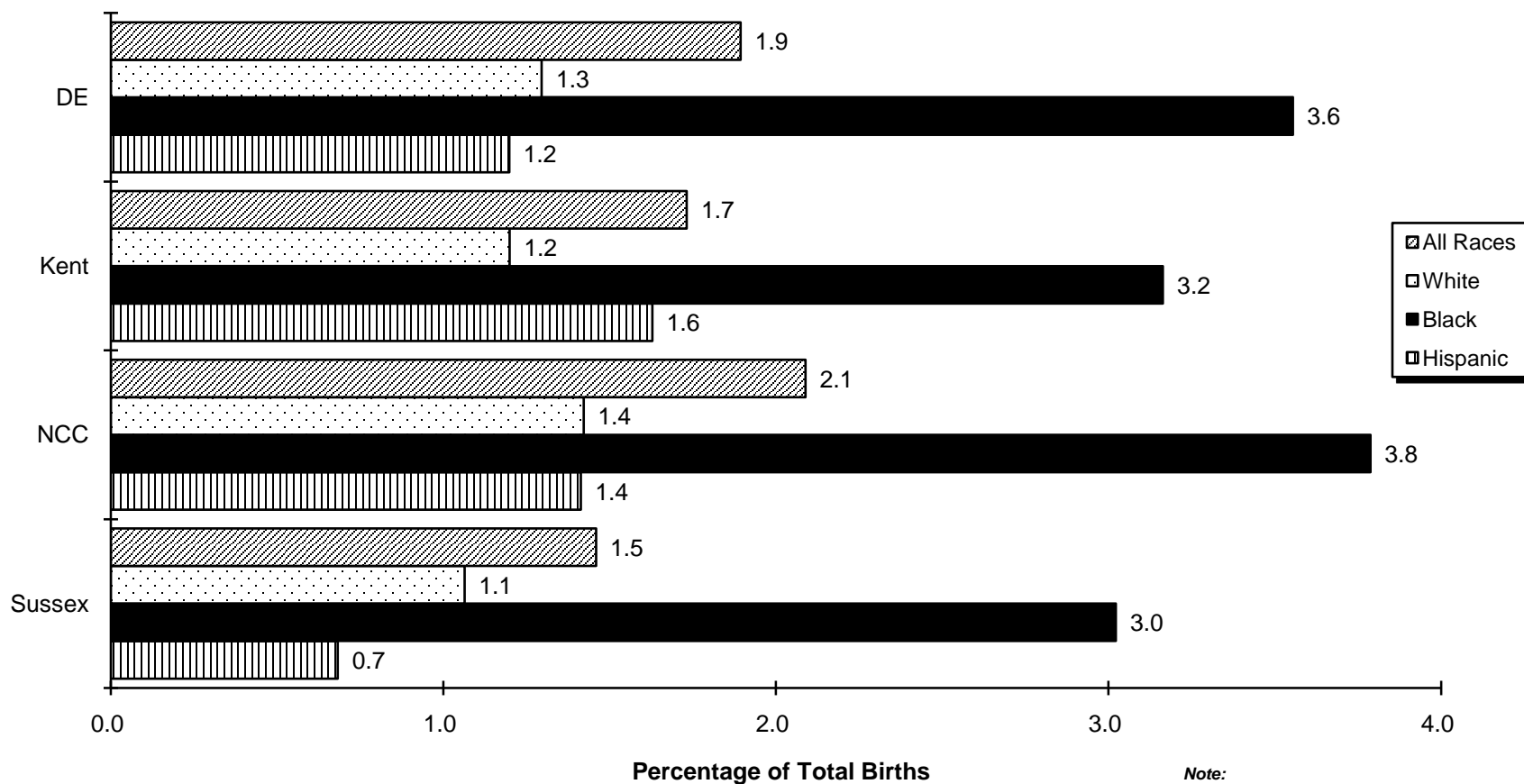
Note:

*People of Hispanic origin may be of any race.

Source:

Delaware Health Statistics Center

Figure C-14
Five-Year Average Percentage of
Very Low Birthweight Births (<1500 Grams) by Race
Delaware and Counties, 2005-2009



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

TABLE C-32
NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND AGE OF MOTHER
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

Area/ Birthweight	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	11369	18	308	759	2831	3280	2625	1248	300	0
<2500	978	2	40	66	237	262	213	120	38	0
<1500	211	0	15	13	49	50	41	31	12	0
<500	28	0	2	0	5	6	7	7	1	0
500-749	38	0	2	3	8	12	6	6	1	0
750-999	35	0	4	2	7	8	9	2	3	0
1000-1499	110	0	7	8	29	24	19	16	7	0
1500-1999	203	0	7	12	47	62	40	27	8	0
2000-2499	564	2	18	41	141	150	132	62	18	0
2500+	10384	16	268	693	2593	3013	2411	1128	262	0
Unknown	7	0	0	0	1	5	1	0	0	0
Kent	2258	3	59	147	719	687	437	164	42	0
<2500	185	0	8	17	41	57	34	24	4	0
<1500	39	0	2	4	7	10	4	10	2	0
<500	6	0	1	0	0	1	1	3	0	0
500-749	9	0	0	0	4	3	0	2	0	0
750-999	7	0	1	1	2	0	1	1	1	0
1000-1499	17	0	0	3	1	6	2	4	1	0
1500-1999	38	0	0	2	8	14	10	3	1	0
2000-2499	108	0	6	11	26	33	20	11	1	0
2500+	2072	3	51	130	678	629	403	140	38	0
Unknown	1	0	0	0	0	1	0	0	0	0
New Castle	6794	11	172	430	1424	1921	1759	873	204	0
<2500	610	2	21	32	143	168	140	78	26	0
<1500	138	0	8	6	31	37	29	20	7	0
<500	18	0	1	0	2	5	5	4	1	0
500-749	23	0	1	3	4	8	2	4	1	0
750-999	25	0	2	1	5	7	8	1	1	0
1000-1499	72	0	4	2	20	17	14	11	4	0
1500-1999	128	0	5	6	28	42	25	17	5	0
2000-2499	344	2	8	20	84	89	86	41	14	0
2500+	6181	9	151	398	1280	1752	1618	795	178	0
Unknown	3	0	0	0	1	1	1	0	0	0
Wilmington	1237	3	63	127	360	312	237	109	26	0
<2500	168	0	9	15	54	46	26	13	5	0
<1500	45	0	1	4	10	11	10	6	3	0
<500	11	0	0	0	1	4	3	3	0	0
500-749	11	0	0	3	2	2	1	2	1	0
750-999	7	0	1	0	1	1	4	0	0	0
1000-1499	16	0	0	1	6	4	2	1	2	0
1500-1999	42	0	4	2	16	10	5	5	0	0
2000-2499	81	0	4	9	28	25	11	2	2	0
2500+	1069	3	54	112	306	266	211	96	21	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5557	8	109	303	1064	1609	1522	764	178	0
<2500	442	2	12	17	89	122	114	65	21	0
<1500	93	0	7	2	21	26	19	14	4	0
<500	7	0	1	0	1	1	2	1	1	0
500-749	12	0	1	0	2	6	1	2	0	0
750-999	18	0	1	1	4	6	4	1	1	0
1000-1499	56	0	4	1	14	13	12	10	2	0
1500-1999	86	0	1	4	12	32	20	12	5	0
2000-2499	263	2	4	11	56	64	75	39	12	0
2500+	5112	6	97	286	974	1486	1407	699	157	0
Unknown	3	0	0	0	1	1	1	0	0	0
Sussex	2317	4	77	182	688	672	429	211	54	0
<2500	183	0	11	17	53	37	39	18	8	0
<1500	34	0	5	3	11	3	8	1	3	0
<500	4	0	0	0	3	0	1	0	0	0
500-749	6	0	1	0	0	1	4	0	0	0
750-999	3	0	1	0	0	1	0	0	1	0
1000-1499	21	0	3	3	8	1	3	1	2	0
1500-1999	37	0	2	4	11	6	5	7	2	0
2000-2499	112	0	4	10	31	28	26	10	3	0
2500+	2131	4	66	165	635	632	390	193	46	0
Unknown	3	0	0	0	0	3	0	0	0	0

Notes:

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

Source:

Delaware Health 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, 2009

Area/ Birthweight	Race				Hispanic Origin*
	All Races	White	Black	Other	
Delaware	11369	7573	3178	618	1659
<2500	978	509	418	51	101
<1500	211	91	110	10	20
<500	28	5	22	1	2
500-749	38	18	19	1	4
750-999	35	15	17	3	3
1000-1499	110	53	52	5	11
1500-1999	203	107	89	7	26
2000-2499	564	311	219	34	55
2500+	10384	7057	2760	567	1557
Unknown	7	7	0	0	1
Kent	2258	1527	649	82	201
<2500	185	98	81	6	12
<1500	39	18	20	1	2
<500	6	2	4	0	0
500-749	9	6	3	0	0
750-999	7	3	3	1	1
1000-1499	17	7	10	0	1
1500-1999	38	20	15	3	3
2000-2499	108	60	46	2	7
2500+	2072	1428	568	76	189
Unknown	1	1	0	0	0
New Castle	6794	4248	2075	471	907
<2500	610	287	284	39	62
<1500	138	55	75	8	14
<500	18	2	15	1	1
500-749	23	8	14	1	3
750-999	25	11	12	2	2
1000-1499	72	34	34	4	8
1500-1999	128	64	62	2	18
2000-2499	344	168	147	29	30
2500+	6181	3958	1791	432	844
Unknown	3	3	0	0	1
Wilmington	1237	422	796	19	174
<2500	168	37	129	2	17
<1500	45	9	36	0	4
<500	11	1	10	0	1
500-749	11	3	8	0	2
750-999	7	4	3	0	0
1000-1499	16	1	15	0	1
1500-1999	42	10	31	1	8
2000-2499	81	18	62	1	5
2500+	1069	385	667	17	157
Unknown	0	0	0	0	0
Balance of NC County	5557	3826	1279	452	733
<2500	442	250	155	37	45
<1500	93	46	39	8	10
<500	7	1	5	1	0
500-749	12	5	6	1	1
750-999	18	7	9	2	2
1000-1499	56	33	19	4	7
1500-1999	86	54	31	1	10
2000-2499	263	150	85	28	25
2500+	5112	3573	1124	415	687
Unknown	3	3	0	0	1
Sussex	2317	1798	454	65	551
<2500	183	124	53	6	27
<1500	34	18	15	1	4
<500	4	1	3	0	1
500-749	6	4	2	0	1
750-999	3	1	2	0	0
1000-1499	21	12	8	1	2
1500-1999	37	23	12	2	5
2000-2499	112	83	26	3	18
2500+	2131	1671	401	59	524
Unknown	3	3	0	0	0

Notes:

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

TABLE C-34
NUMBER OF LIVE BIRTHS BY RACE AND HISPANIC ORIGIN OF MOTHER, WEEKS OF GESTATION AND AGE OF MOTHER
DELAWARE, 2009

Race-Origin/ Weeks	Age							
	Total	<20	20-24	25-29	30-34	35-39	40+	Unknown
All Races	11369	1085	2831	3280	2625	1248	300	0
<20 Weeks	3	0	0	0	3	0	0	0
20-27 Weeks	108	17	20	30	23	13	5	0
28-31 Weeks	148	20	36	36	27	23	6	0
32-35 Weeks	676	77	173	172	144	91	19	0
36 Weeks	487	41	134	120	111	61	20	0
37-39 Weeks	6000	503	1385	1742	1466	721	183	0
40 Weeks	2371	236	618	721	550	208	38	0
41 Weeks	923	112	254	284	175	79	19	0
42+ Weeks	643	76	210	172	125	51	9	0
Unknown	10	3	1	3	1	1	1	0
White	7573	590	1776	2252	1875	888	192	0
<20 Weeks	1	0	0	0	1	0	0	0
20-27 Weeks	37	5	6	12	10	4	0	0
28-31 Weeks	81	12	15	22	19	12	1	0
32-35 Weeks	387	35	96	102	84	60	10	0
36 Weeks	295	19	71	72	77	43	13	0
37-39 Weeks	3987	265	839	1178	1058	516	131	0
40 Weeks	1670	134	416	527	409	160	24	0
41 Weeks	648	70	180	216	121	51	10	0
42+ Weeks	460	48	152	120	95	42	3	0
Unknown	7	2	1	3	1	0	0	0
Black	3178	482	967	825	540	278	86	0
<20 Weeks	2	0	0	0	2	0	0	0
20-27 Weeks	66	12	13	17	12	9	3	0
28-31 Weeks	63	8	21	12	8	9	5	0
32-35 Weeks	257	39	73	65	46	27	7	0
36 Weeks	162	22	60	39	21	13	7	0
37-39 Weeks	1664	233	500	451	287	154	39	0
40 Weeks	582	99	181	151	104	36	11	0
41 Weeks	220	40	64	49	39	20	8	0
42+ Weeks	159	28	55	41	21	9	5	0
Unknown	3	1	0	0	0	1	1	0
Other	618	13	88	203	210	82	22	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	5	0	1	1	1	0	2	0
28-31 Weeks	4	0	0	2	0	2	0	0
32-35 Weeks	32	3	4	5	14	4	2	0
36 Weeks	30	0	3	9	13	5	0	0
37-39 Weeks	349	5	46	113	121	51	13	0
40 Weeks	119	3	21	43	37	12	3	0
41 Weeks	55	2	10	19	15	8	1	0
42+ Weeks	24	0	3	11	9	0	1	0
Unknown	0	0	0	0	0	0	0	0
Hispanic Origin*	1659	223	526	470	299	115	26	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	7	0	3	2	1	1	0	0
28-31 Weeks	26	8	5	6	5	2	0	0
32-35 Weeks	103	16	30	23	23	11	0	0
36 Weeks	68	7	19	18	14	6	4	0
37-39 Weeks	869	105	268	253	169	60	14	0
40 Weeks	321	44	101	98	59	15	4	0
41 Weeks	144	22	53	45	12	9	3	0
42+ Weeks	118	19	47	25	15	11	1	0
Unknown	3	2	0	0	1	0	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, 2009

Race-Origin/ Birthweight	Weeks of Gestation									
	Total	Preterm				Term			Postterm	Unknown
		<28 Weeks	28-31 Weeks	32-35 Weeks	36 Weeks	37-39 Weeks	40 Weeks	41 Weeks	42+ Weeks	
All Races	11369	111	148	676	487	6000	2371	923	643	10
<500	28	27	0	0	0	1	0	0	0	0
500-999	73	60	10	2	0	1	0	0	0	0
1000-1499	110	14	64	22	3	5	2	0	0	0
1500-1999	203	2	36	99	18	28	11	3	5	1
2000-2499	564	5	7	191	99	213	27	13	8	1
2500-2999	2123	3	12	164	182	1249	305	110	96	2
3000-3499	4398	0	9	128	134	2595	902	354	273	3
3500-3999	2984	0	10	56	45	1510	842	317	203	1
4000-4499	760	0	0	11	5	339	244	112	49	0
4500+	119	0	0	3	1	57	35	14	9	0
Unknown	7	0	0	0	0	2	3	0	0	2
White	7573	38	81	387	295	3987	1670	648	460	7
<500	5	4	0	0	0	1	0	0	0	0
500-999	33	25	5	2	0	1	0	0	0	0
1000-1499	53	6	32	9	2	3	1	0	0	0
1500-1999	107	0	19	49	8	18	7	2	4	0
2000-2499	311	1	5	98	52	123	15	11	5	1
2500-2999	1202	2	8	99	110	684	179	62	56	2
3000-3499	2904	0	3	83	89	1710	601	235	182	1
3500-3999	2245	0	9	36	30	1132	640	237	160	1
4000-4499	620	0	0	8	4	272	198	93	45	0
4500+	86	0	0	3	0	41	26	8	8	0
Unknown	7	0	0	0	0	2	3	0	0	2
Black	3178	68	63	257	162	1664	582	220	159	3
<500	22	22	0	0	0	0	0	0	0	0
500-999	36	32	4	0	0	0	0	0	0	0
1000-1499	52	7	30	12	0	2	1	0	0	0
1500-1999	89	2	16	47	8	9	4	1	1	1
2000-2499	219	4	2	82	38	77	11	2	3	0
2500-2999	778	1	4	57	64	478	100	40	34	0
3000-3499	1255	0	6	38	40	739	254	97	79	2
3500-3999	582	0	1	20	10	290	164	59	38	0
4000-4499	121	0	0	1	1	57	41	17	4	0
4500+	24	0	0	0	1	12	7	4	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
Other	618	5	4	32	30	349	119	55	24	0
<500	1	1	0	0	0	0	0	0	0	0
500-999	4	3	1	0	0	0	0	0	0	0
1000-1499	5	1	2	1	1	0	0	0	0	0
1500-1999	7	0	1	3	2	1	0	0	0	0
2000-2499	34	0	0	11	9	13	1	0	0	0
2500-2999	143	0	0	8	8	87	26	8	6	0
3000-3499	239	0	0	7	5	146	47	22	12	0
3500-3999	157	0	0	0	5	88	38	21	5	0
4000-4499	19	0	0	2	0	10	5	2	0	0
4500+	9	0	0	0	0	4	2	2	1	0
Unknown	0	0	0	0	0	0	0	0	0	0
Hispanic Origin*	1659	7	26	103	68	869	321	144	118	3
<500	2	1	0	0	0	1	0	0	0	0
500-999	7	5	1	0	0	1	0	0	0	0
1000-1499	11	0	7	1	0	2	1	0	0	0
1500-1999	26	0	4	13	2	3	2	0	2	0
2000-2499	55	0	0	14	11	22	4	2	2	0
2500-2999	299	1	6	19	23	177	40	17	15	1
3000-3499	702	0	1	35	18	397	140	62	48	1
3500-3999	444	0	7	16	12	213	107	46	43	0
4000-4499	95	0	0	4	2	47	20	14	8	0
4500+	17	0	0	1	0	6	7	3	0	0
Unknown	1	0	0	0	0	0	0	0	0	1

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, 1990-2009

(ALL RACES)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	76.1	77.1	78.1	79.0	79.7	80.2	80.5	80.8	81.1	80.6	77.6	72.7	66.7	57.4	50.5	N/A
<20	57.5	59.7	61.7	63.3	64.5	65.3	65.8	66.3	66.7	66.7	64.7	60.5	55.4	47.0	40.6	N/A
20-24	69.7	71.0	72.4	73.5	74.4	75.0	75.3	75.6	76.0	75.6	72.9	68.2	62.4	53.4	46.5	N/A
25-29	81.2	81.8	82.5	83.1	83.6	83.9	84.0	84.2	84.3	83.5	80.2	74.8	68.5	58.9	51.9	N/A
30+	84.1	84.6	85.1	85.6	85.9	86.2	86.5	86.7	87.0	86.2	82.7	77.6	71.5	61.9	54.9	N/A
Delaware	80.0	81.2	82.3	82.6	82.9	83.0	83.1	83.9	84.9	85.1	85.4	84.7	82.3	79.4	77.2	75.3
<20	58.4	60.8	64.2	66.3	68.0	68.7	69.1	70.2	71.9	72.7	73.9	73.6	70.8	66.8	63.5	61.1
20-24	72.6	73.7	75.5	76.4	76.8	76.7	76.7	77.7	79.1	79.7	80.1	79.3	76.9	73.2	70.5	68.2
25-29	85.9	86.9	87.2	87.1	86.9	87.0	86.6	87.2	87.8	87.8	87.7	86.9	84.4	81.7	79.6	77.8
30+	88.5	89.1	89.4	89.0	88.9	88.9	89.4	90.3	90.9	90.8	90.9	90.0	87.8	85.7	84.0	82.4
Kent	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	71.9	69.8	68.7
<20	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	59.0	55.7	55.0
20-24	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	67.7	65.6	62.5
25-29	76.6	77.1	75.4	73.9	73.8	75.5	75.4	76.6	77.6	80.0	80.6	81.5	78.8	75.8	73.3	73.0
30+	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	78.1	76.1	76.0
New Castle	85.2	86.7	88.5	89.1	89.1	88.6	88.7	89.5	90.6	90.6	91.1	90.6	88.7	86.4	84.5	82.6
<20	63.7	67.2	72.2	74.5	75.6	76.0	76.1	77.2	79.8	80.8	82.2	82.1	79.7	75.9	72.7	69.6
20-24	77.2	78.9	81.9	83.6	84.0	83.3	83.5	84.3	86.2	86.5	87.4	87.1	85.3	82.2	79.7	77.7
25-29	89.8	91.0	92.2	92.3	91.9	91.5	91.2	91.7	92.4	92.3	92.6	92.2	90.3	88.2	86.4	84.3
30+	92.3	93.2	93.8	93.6	93.3	92.8	93.1	93.8	94.5	94.0	94.2	93.4	91.7	89.7	88.5	86.9
Wilmington	71.0	73.6	77.7	79.9	79.9	79.6	79.8	80.8	82.8	83.7	84.8	84.7	82.8	79.9	77.9	75.9
<20	57.0	61.0	67.9	69.6	70.2	71.3	70.7	72.1	75.7	77.6	78.9	79.5	76.8	72.4	69.8	66.6
20-24	65.9	68.4	73.8	77.7	78.3	77.9	79.1	79.6	81.7	82.0	83.5	83.6	81.6	78.7	76.5	74.0
25-29	78.0	80.2	83.1	84.8	83.8	83.4	82.9	83.9	85.3	86.2	86.9	86.4	83.9	80.9	79.5	77.9
30+	83.7	85.3	86.8	87.9	87.5	86.5	86.7	87.4	88.3	88.7	89.3	88.6	87.4	85.6	83.4	82.1
Balance of NC County	88.6	89.8	90.9	91.2	91.1	90.6	90.6	91.3	92.2	92.0	92.4	91.8	90.0	87.7	85.9	84.0
<20	68.6	71.6	75.1	77.8	79.2	78.8	79.3	80.1	82.1	82.6	84.0	83.5	81.2	77.7	74.2	71.0
20-24	81.2	82.5	84.7	85.5	85.8	85.1	85.0	86.0	87.7	88.1	88.6	88.3	86.4	83.3	80.8	78.9
25-29	92.0	92.9	93.7	93.5	93.2	92.8	92.5	92.9	93.6	93.3	93.5	93.2	91.4	89.5	87.6	85.5
30+	93.6	94.4	94.8	94.4	94.1	93.7	93.8	94.6	95.2	94.6	94.8	93.9	92.2	90.2	89.1	87.5
Sussex	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	64.5	61.7	59.8
<20	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	52.6	49.6	47.6
20-24	62.9	63.5	65.9	67.7	68.9	70.0	70.0	70.5	70.5	70.6	68.7	65.6	62.0	58.4	55.2	53.4
25-29	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	66.6	65.1	63.3
30+	81.5	82.1	82.1	83.2	83.8	84.6	85.6	86.2	85.4	84.7	83.5	81.3	77.6	74.5	71.4	68.9

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, 1990-2009

(WHITE)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	79.3	80.1	81.0	81.7	82.2	82.5	82.7	83.0	83.2	82.5	79.3	74.1	67.8	58.6	51.8	N/A
<20	60.6	62.7	64.6	66.2	67.3	68.0	68.5	68.9	69.3	69.1	67.1	62.6	57.1	49.0	42.8	N/A
20-24	72.6	73.7	74.9	75.8	76.5	77.0	77.2	77.5	77.8	77.3	74.5	69.5	63.5	54.7	48.1	N/A
25-29	83.8	84.3	84.8	85.2	85.5	85.7	85.8	85.8	85.9	85.0	81.5	75.9	69.3	59.9	53.1	N/A
30+	86.4	86.9	87.2	87.6	87.8	88.0	88.2	88.4	88.5	87.6	83.9	78.5	72.0	62.5	55.4	N/A
Delaware	85.6	86.2	86.7	86.5	86.5	86.4	86.5	87.1	87.8	87.9	87.9	86.7	84.0	81.0	78.5	76.7
<20	64.9	67.1	69.4	70.6	72.3	73.0	73.3	74.3	76.1	76.8	77.4	76.5	72.7	67.9	63.5	61.1
20-24	78.6	79.2	80.1	80.6	80.5	79.6	79.4	80.2	81.2	81.7	81.6	80.2	77.3	73.1	69.8	67.7
25-29	89.6	90.1	90.3	89.7	89.4	89.4	89.1	89.4	89.9	89.7	89.5	88.4	85.5	82.7	80.7	78.9
30+	91.1	91.3	91.3	90.8	90.7	90.7	91.1	92.0	92.5	92.4	92.4	91.4	89.2	87.3	85.5	83.8
Kent	74.7	74.6	73.0	71.3	71.5	72.5	72.5	74.0	75.6	77.5	79.1	80.2	78.0	75.0	72.8	71.9
<20	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	64.0	60.1	58.8
20-24	73.4	73.5	71.8	70.5	70.2	70.2	69.9	71.4	72.6	74.2	76.2	76.3	74.6	70.1	67.7	64.8
25-29	79.1	79.3	77.9	76.5	76.2	77.5	77.1	77.7	78.9	81.1	82.1	83.3	80.4	77.9	75.9	76.0
30+	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	80.2	78.3	77.9
New Castle	90.2	91.1	92.3	92.5	92.4	91.8	91.9	92.4	93.1	92.9	93.3	92.5	90.6	88.5	86.9	85.0
<20	69.9	73.0	76.7	78.7	79.9	80.1	80.7	81.3	83.3	84.6	85.8	85.0	82.2	78.7	74.5	71.2
20-24	82.7	83.7	86.2	87.6	87.8	86.3	86.5	86.9	88.2	88.3	88.8	88.3	86.1	83.2	80.7	79.0
25-29	93.5	94.1	94.9	94.7	94.2	93.8	93.7	94.0	94.4	93.9	94.2	93.7	91.8	90.0	88.5	86.3
30+	94.5	95.1	95.5	95.2	94.9	94.4	94.6	95.2	95.8	95.4	95.7	94.8	93.2	91.5	90.5	89.1
Wilmington	83.1	84.3	86.9	88.1	87.9	87.0	87.1	87.6	88.4	89.1	89.9	89.4	87.3	85.1	83.1	80.6
<20	61.9	66.1	72.1	74.5	73.1	74.5	74.6	74.5	77.0	83.3	84.2	82.6	80.4	77.8	71.4	68.3
20-24	72.6	74.2	79.5	83.1	82.4	80.0	80.8	81.4	81.9	83.1	84.7	85.5	83.0	80.1	77.9	74.2
25-29	89.2	89.8	92.2	91.6	91.3	90.2	90.4	90.4	91.4	90.0	90.5	89.7	87.3	84.7	84.0	81.6
30+	93.2	92.9	93.0	93.2	93.2	92.4	92.5	93.4	93.8	93.9	94.4	93.7	92.0	90.6	89.0	87.2
Balance of NC County	90.9	91.8	92.8	92.9	92.8	92.2	92.4	92.8	93.5	93.2	93.6	92.9	91.0	88.9	87.3	85.5
<20	71.7	74.4	77.7	79.6	81.1	81.0	81.8	82.4	84.4	84.8	86.0	85.5	82.5	78.8	75.0	71.7
20-24	83.9	84.9	87.0	88.1	88.4	87.1	87.2	87.6	89.0	89.0	89.4	88.7	86.6	83.7	81.1	79.6
25-29	93.8	94.4	95.1	94.9	94.5	94.1	93.9	94.3	94.7	94.3	94.5	94.1	92.3	90.5	89.0	86.8
30+	94.6	95.3	95.7	95.3	95.0	94.6	94.8	95.3	95.9	95.6	95.8	94.9	93.3	91.6	90.6	89.2
Sussex	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	65.4	61.9	60.0
<20	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	50.7	47.0	45.5
20-24	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	57.4	53.3	51.5
25-29	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	67.5	65.4	63.7
30+	86.3	86.3	85.8	86.3	86.5	87.4	88.1	88.8	88.1	87.8	86.2	83.8	79.6	76.2	72.4	69.9

FYATR12

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-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, 1990-2009

(BLACK)

Area/ Age	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	2003 -2007	2004 -2008	2005 -2009
U.S.	61.8	63.5	65.6	67.2	68.5	69.6	70.4	70.7	71.5	71.7	68.9	64.8	59.8	49.5	41.9	N/A
<20	50.9	53.1	55.4	57.1	58.5	59.4	60.1	60.4	61.0	61.1	59.0	55.5	51.1	42.0	35.0	N/A
20-24	59.9	61.9	64.2	66.0	67.5	68.6	69.2	69.5	70.2	70.2	67.5	63.4	58.4	48.3	40.5	N/A
25-29	67.7	69.1	71.0	72.4	73.7	74.7	75.5	75.7	76.3	76.2	73.0	68.1	62.5	51.7	44.1	N/A
30+	69.7	70.8	72.4	73.4	74.4	75.3	76.0	76.3	77.2	77.2	74.2	69.7	64.6	53.8	46.1	N/A
Delaware	62.6	65.4	68.2	70.3	71.5	72.9	73.6	75.5	77.5	78.6	79.9	79.9	78.0	75.1	73.1	71.2
<20	51.5	54.1	58.7	61.7	63.5	64.5	64.9	66.3	68.2	69.3	70.9	71.2	69.2	65.7	63.4	61.2
20-24	60.1	62.6	65.6	67.5	69.3	71.6	72.6	74.4	76.8	77.8	79.1	78.9	77.0	73.6	71.4	68.7
25-29	70.1	73.4	74.7	76.9	77.3	78.6	78.3	80.4	81.9	83.2	83.8	83.5	81.2	78.4	76.2	74.3
30+	72.8	75.5	77.3	78.2	78.4	78.9	80.1	81.9	83.6	83.9	84.6	84.4	82.6	80.1	78.7	77.5
Kent	57.7	59.3	58.1	56.7	57.8	59.7	60.6	63.3	65.4	67.8	70.3	71.3	68.4	64.5	62.3	60.9
<20	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	52.1	49.7	49.6
20-24	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	62.7	60.6	56.9
25-29	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	71.3	67.2	65.2
30+	63.3	64.7	65.7	61.2	61.5	63.3	64.8	65.6	70.2	72.8	74.5	76.0	73.8	70.7	69.4	70.7
New Castle	68.7	72.3	76.1	78.3	78.7	79.3	79.4	81.1	83.5	84.2	85.2	85.3	83.6	80.7	78.9	77.0
<20	57.5	61.4	67.8	70.4	71.6	72.1	71.6	73.1	76.2	77.0	78.2	78.8	76.9	72.7	70.7	67.8
20-24	66.7	69.9	74.1	76.3	77.3	78.3	78.9	80.4	83.1	83.8	85.1	85.1	83.7	80.4	78.1	75.8
25-29	74.5	78.3	81.1	83.2	83.2	83.5	82.5	83.9	85.8	86.8	87.6	87.4	85.3	83.0	81.2	79.5
30+	78.1	81.0	83.0	84.2	83.8	83.8	84.7	86.7	87.9	87.7	88.0	87.6	86.0	83.6	82.2	80.6
Wilmington	64.0	67.4	72.3	75.1	75.3	75.6	75.8	77.0	79.7	80.6	81.7	81.8	80.1	76.8	74.9	73.2
<20	55.7	59.7	66.9	68.4	69.4	70.5	69.8	71.5	75.4	76.1	77.2	78.4	75.7	70.7	69.3	66.2
20-24	63.3	66.4	71.8	75.9	76.9	77.3	78.6	79.0	81.9	81.9	83.3	83.1	81.1	78.0	75.9	73.8
25-29	69.8	73.0	76.1	79.8	78.5	78.8	77.8	79.3	80.9	83.5	84.2	83.8	81.6	78.8	76.9	75.8
30+	72.1	75.9	78.4	80.8	80.1	78.6	79.1	80.0	80.9	81.6	82.3	81.8	81.8	79.7	77.3	76.7
Balance of NC County	74.2	77.6	80.1	81.3	81.9	82.4	82.4	84.4	86.4	86.8	87.6	87.5	85.9	83.2	81.4	79.3
<20	60.9	64.7	69.5	74.1	75.2	74.6	74.4	75.4	77.4	78.3	79.7	79.2	78.4	75.3	72.4	69.8
20-24	70.8	74.0	76.8	76.7	77.6	79.2	79.2	81.7	84.3	85.5	86.6	86.8	85.9	82.4	79.9	77.4
25-29	78.9	82.7	84.8	85.6	86.4	86.4	85.5	86.7	88.7	88.7	89.4	89.3	87.2	85.2	83.4	81.6
30+	83.2	85.3	86.3	86.3	86.1	86.5	87.4	89.8	90.9	90.0	90.2	89.7	87.5	84.9	84.0	82.0
Sussex	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	63.6	61.5	58.9
<20	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	57.6	54.6	51.7
20-24	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	63.5	61.7	59.1
25-29	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	66.7	64.7	62.1
30+	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	67.9	65.9	63.8

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, 1992-2009

(HISPANIC ORIGIN*)

Area/ Age	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009
U.S.	66.8	68.5	69.8	70.8	71.4	72.1	72.9	73.3	72.0	67.4	62.4	55.4	50.1	N/A
<20	57.1	59.0	60.5	61.3	61.9	62.5	63.1	63.5	63.0	58.8	54.2	47.6	42.6	N/A
20-24	63.9	65.8	67.2	68.2	68.7	69.4	70.1	70.5	69.5	65.2	60.4	53.4	48.0	N/A
25-29	70.6	72.2	73.4	74.3	74.8	75.4	76.0	76.2	74.7	69.8	64.6	57.4	51.9	N/A
30+	73.0	74.5	75.6	76.4	77.1	77.8	78.6	78.9	77.0	71.8	66.4	59.3	54.0	N/A
Delaware	66.8	67.3	67.8	68.7	69.4	70.8	72.2	72.6	72.1	69.8	65.9	61.4	57.6	55.2
<20	62.2	62.5	62.2	63.7	64.6	63.5	65.8	68.2	67.6	65.2	62.5	57.8	52.2	49.9
20-24	62.7	64.0	64.6	65.0	65.6	67.3	68.7	69.2	68.9	66.0	62.4	57.4	53.6	51.0
25-29	74.9	73.3	73.5	72.8	70.9	72.4	74.2	73.5	72.5	71.6	66.5	62.0	59.4	56.8
30+	69.8	70.4	71.3	74.1	77.7	80.2	80.0	79.9	79.3	76.4	72.1	68.4	64.0	61.7
Kent	65.4	65.3	62.3	61.3	60.1	62.1	63.1	67.2	68.7	69.4	66.2	60.6	56.8	56.1
<20	54.9	53.8	56.5	59.7	60.3	64.1	64.1	64.2	64.0	67.6	62.2	56.9	50.4	49.7
20-24	65.0	69.4	64.8	60.5	58.6	56.0	56.5	60.2	65.0	63.9	62.7	54.6	53.4	50.2
25-29	77.5	69.4	65.3	66.3	61.4	64.8	67.6	71.8	71.3	74.2	66.9	60.6	57.8	56.5
30+	64.2	64.2	59.3	57.4	60.6	67.1	66.3	74.1	75.9	75.0	74.1	72.3	64.5	67.4
New Castle	78.0	79.3	79.8	79.7	81.3	82.2	84.2	84.9	86.2	85.6	82.2	79.2	75.9	73.1
<20	71.6	73.0	72.6	73.6	75.6	74.4	77.5	81.2	82.4	80.6	78.1	75.0	69.3	66.0
20-24	76.4	78.6	79.5	77.9	79.8	81.6	83.4	83.7	85.1	84.3	80.4	77.1	74.1	71.0
25-29	84.4	84.8	85.0	84.0	83.1	83.9	85.5	85.8	87.1	87.8	83.9	81.3	78.6	76.1
30+	79.7	79.6	80.0	82.2	85.7	87.2	88.6	88.1	89.0	88.0	85.2	82.0	79.0	76.7
Wilmington	73.9	78.0	78.2	78.2	79.7	80.4	81.5	83.1	84.3	84.0	80.7	78.1	75.6	72.4
<20	71.4	73.5	71.5	74.4	75.7	75.6	77.6	85.5	85.3	82.3	78.9	76.7	69.2	65.0
20-24	70.8	77.6	77.8	76.0	78.5	79.3	79.8	79.9	82.4	82.8	80.3	78.0	76.7	71.8
25-29	79.9	81.5	83.1	81.7	82.1	83.1	84.5	84.6	85.2	86.4	82.4	79.9	77.2	74.9
30+	78.0	82.5	82.9	83.1	84.0	84.5	85.2	84.4	85.7	85.1	81.1	77.8	77.6	77.2
Balance of NC County	80.7	80.1	80.7	80.5	82.1	83.1	85.3	85.6	86.8	86.1	82.6	79.5	76.0	73.3
<20	72.0	72.4	73.6	72.9	75.5	73.5	77.4	78.9	80.8	79.7	77.6	74.3	69.3	66.4
20-24	80.4	79.3	80.6	79.0	80.5	82.7	85.1	85.3	86.2	84.8	80.5	76.8	73.2	70.7
25-29	86.7	86.3	85.9	84.9	83.4	84.2	85.8	86.2	87.7	88.2	84.2	81.7	78.9	76.4
30+	80.4	78.5	78.8	81.8	86.3	88.1	89.6	89.2	89.9	88.7	86.1	82.9	79.3	76.6
Sussex	40.5	42.2	44.2	47.1	45.7	47.2	47.6	46.7	42.7	37.6	32.7	27.3	24.6	23.1
<20	32.7	31.9	32.0	33.8	33.6	33.1	34.0	33.6	30.8	27.2	25.9	22.0	20.5	18.8
20-24	38.6	40.3	42.4	45.3	42.3	42.8	43.0	42.8	38.3	32.8	29.1	23.9	20.4	19.6
25-29	47.9	48.6	49.8	51.5	48.5	51.3	52.1	49.2	44.1	39.5	32.7	27.9	26.3	24.2
30+	43.0	47.1	51.1	55.7	58.9	63.0	60.1	59.5	56.1	49.4	42.3	35.5	31.6	29.6

FYATR14

Notes:

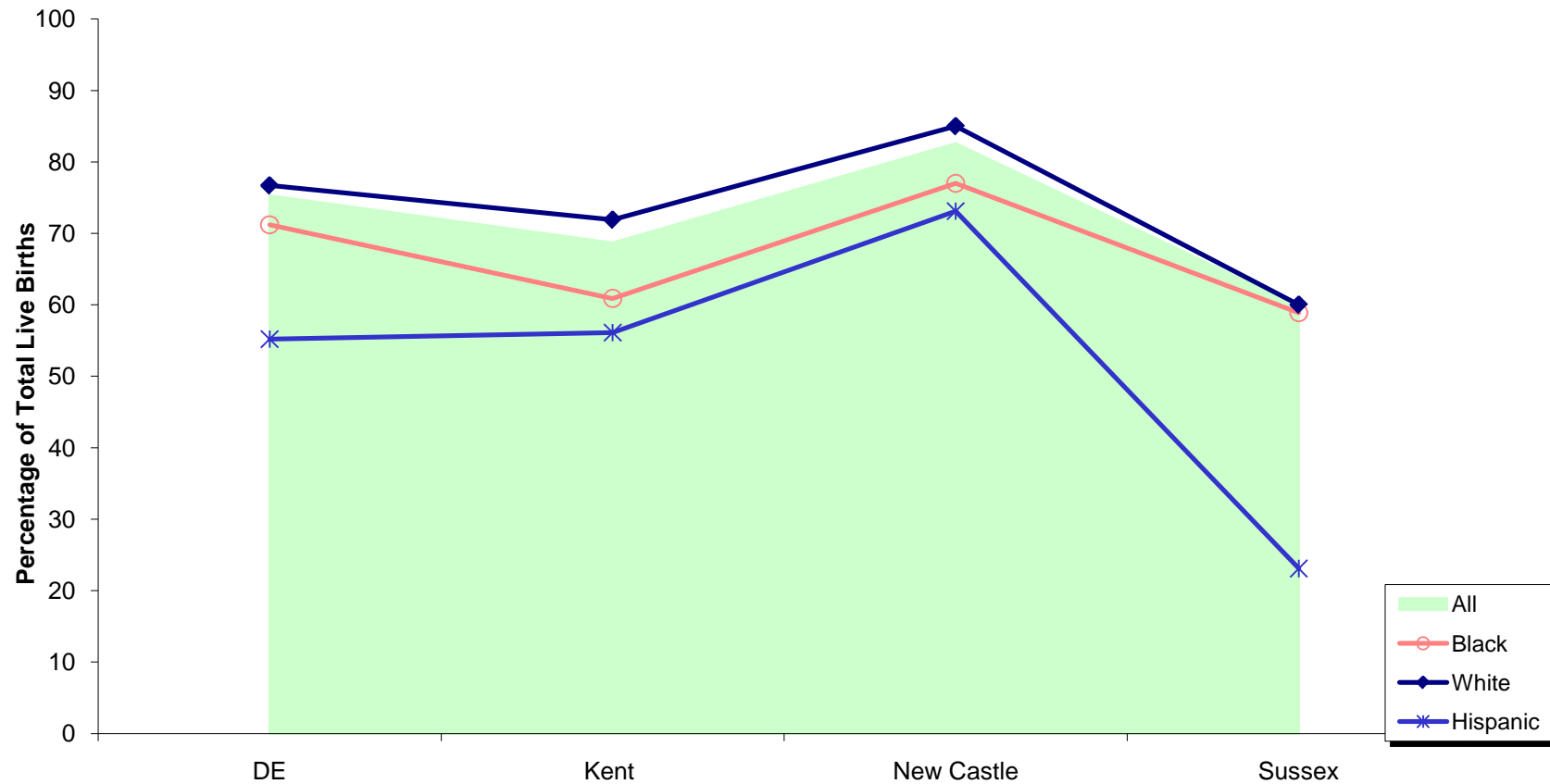
- *Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
- Percentages in this table should be interpreted with caution due to small numbers.
- N/A indicates data not available.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

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

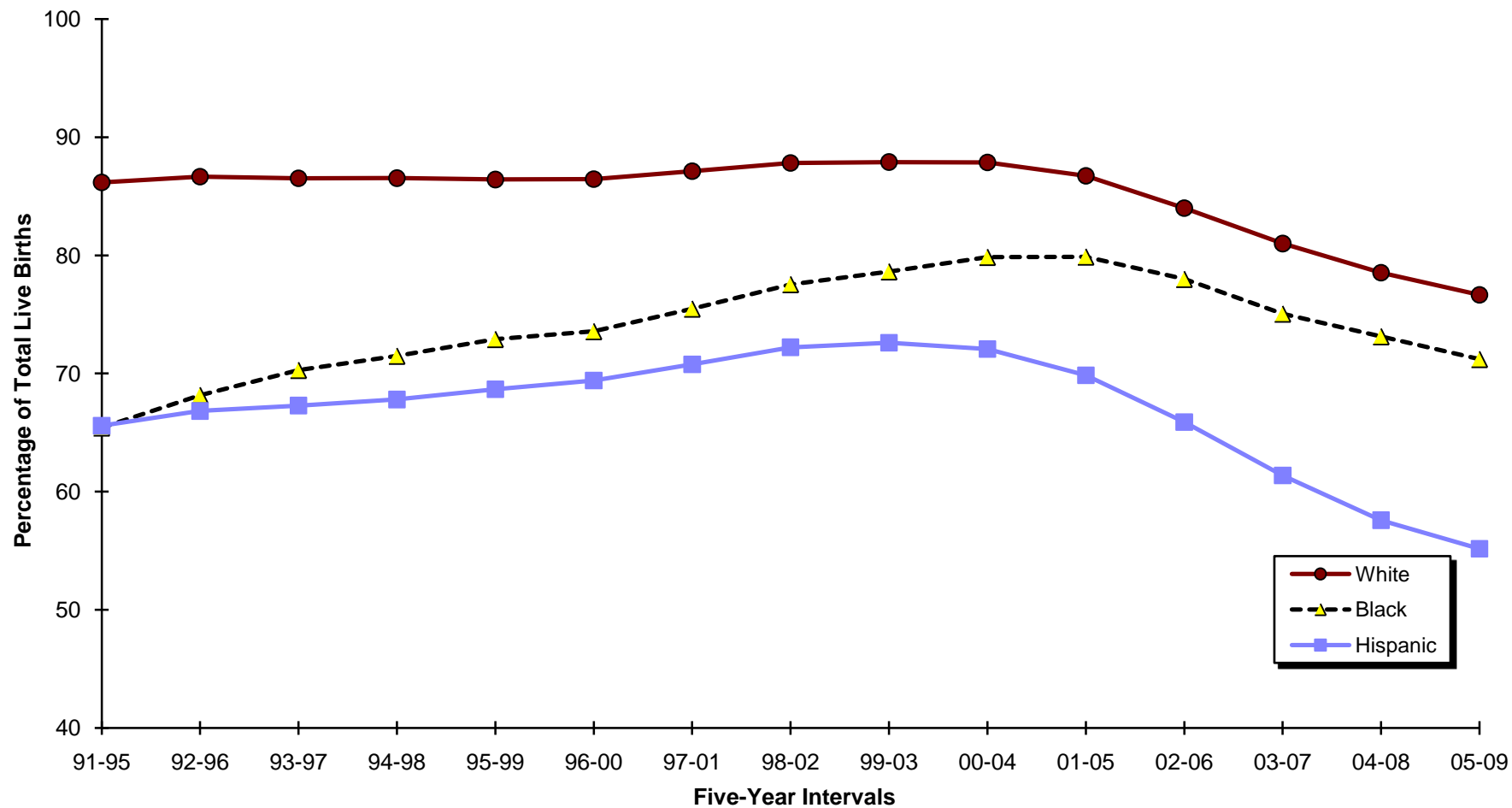
Delaware and Counties, 2005-2009



Note:
 *People of Hispanic origin may be of any race.
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, 1991-2009



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, 2009

Area/ Trimester Care Began	Race								Hispanic Origin*	
	All Races		White		Black		Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Delaware	11369	100.0	7573	100.0	3178	100.0	618	100.0	1659	100.0
First	8519	74.9	5789	76.4	2246	70.7	484	78.3	917	55.3
Second	1816	16.0	1120	14.8	617	19.4	79	12.8	453	27.3
Third	503	4.4	353	4.7	136	4.3	14	2.3	203	12.2
No Care	415	3.7	253	3.3	129	4.1	33	5.3	62	3.7
Unknown	116	1.0	58	0.8	50	1.6	8	1.3	24	1.4
Kent	2258	100.0	1527	100.0	649	100.0	82	100.0	201	100.0
First	1611	71.3	1138	74.5	417	64.3	56	68.3	127	63.2
Second	446	19.8	258	16.9	168	25.9	20	24.4	48	23.9
Third	134	5.9	90	5.9	41	6.3	3	3.7	18	9.0
No Care	38	1.7	27	1.8	10	1.5	1	1.2	6	3.0
Unknown	29	1.3	14	0.9	13	2.0	2	2.4	2	1.0
New Castle	6794	100.0	4248	100.0	2075	100.0	471	100.0	907	100.0
First	5507	81.1	3551	83.6	1566	75.5	390	82.8	655	72.2
Second	746	11.0	403	9.5	305	14.7	38	8.1	167	18.4
Third	121	1.8	57	1.3	58	2.8	6	1.3	27	3.0
No Care	347	5.1	207	4.9	109	5.3	31	6.6	43	4.7
Unknown	73	1.1	30	0.7	37	1.8	6	1.3	15	1.7
Wilmington	1237	100.0	422	100.0	796	100.0	19	100.0	174	100.0
First	920	74.4	324	76.8	579	72.7	17	89.5	117	67.2
Second	189	15.3	61	14.5	128	16.1	0	0.0	41	23.6
Third	36	2.9	11	2.6	25	3.1	0	0.0	6	3.4
No Care	66	5.3	23	5.5	42	5.3	1	5.3	9	5.2
Unknown	26	2.1	3	0.7	22	2.8	1	5.3	1	0.6
Balance of NC County	5557	100.0	3826	100.0	1279	100.0	452	100.0	733	100.0
First	4587	82.5	3227	84.3	987	77.2	373	82.5	538	73.4
Second	557	10.0	342	8.9	177	13.8	38	8.4	126	17.2
Third	85	1.5	46	1.2	33	2.6	6	1.3	21	2.9
No Care	281	5.1	184	4.8	67	5.2	30	6.6	34	4.6
Unknown	47	0.8	27	0.7	15	1.2	5	1.1	14	1.9
Sussex	2317	100.0	1798	100.0	454	100.0	65	100.0	551	100.0
First	1401	60.5	1100	61.2	263	57.9	38	58.5	135	24.5
Second	624	26.9	459	25.5	144	31.7	21	32.3	238	43.2
Third	248	10.7	206	11.5	37	8.1	5	7.7	158	28.7
No Care	30	1.3	19	1.1	10	2.2	1	1.5	13	2.4
Unknown	14	0.6	14	0.8	0	0.0	0	0.0	7	1.3

KPRERAC

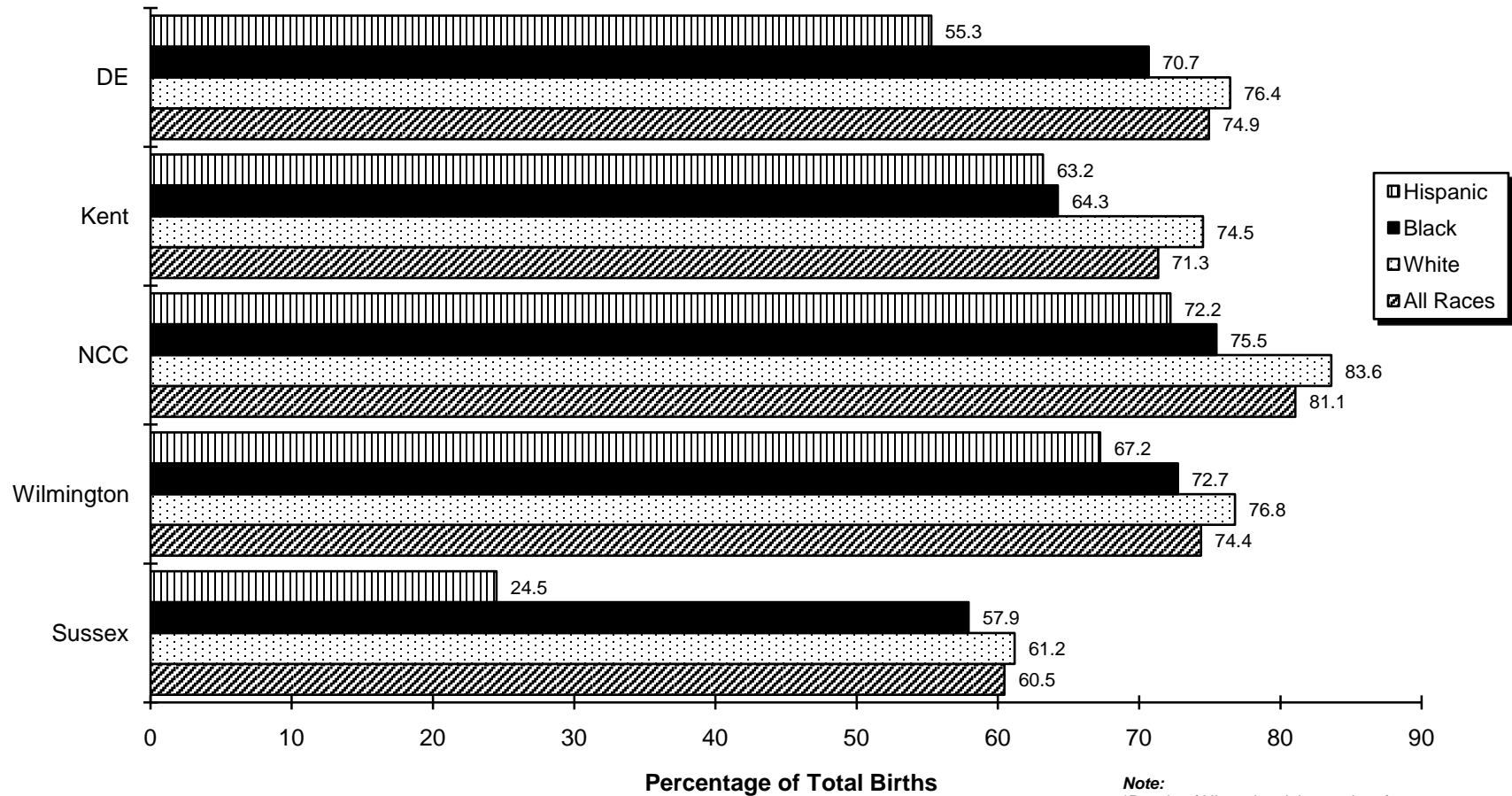
Notes:

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, 2009



Note:
 *People of Hispanic origin may be of any race.
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, 2009

Age/ Birthweight	Trimester Care Began											
	Total		First		Second		Third		No Care		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Ages	11369	100.0	8519	100.0	1816	100.0	503	100.0	415	100.0	116	100.0
<2500	978	8.6	692	8.1	170	9.4	27	5.4	69	16.6	20	17.2
<1500	211	1.9	148	1.7	29	1.6	0	...	31	7.5	3	2.6
1500-2499	767	6.7	544	6.4	141	7.8	27	5.4	38	9.2	17	14.7
2500+	10384	91.3	7824	91.8	1644	90.5	476	94.6	345	83.1	95	81.9
Unknown	7	0.1	3	0.0	2	0.1	0	...	1	0.2	1	0.9
<20 Years	1085	100.0	674	100.0	269	100.0	65	100.0	65	100.0	12	100.0
<2500	108	10.0	63	9.3	29	10.8	3	4.6	11	16.9	2	16.7
<1500	28	2.6	14	2.1	8	3.0	0	...	5	7.7	1	8.3
1500-2499	80	7.4	49	7.3	21	7.8	3	4.6	6	9.2	1	8.3
2500+	977	90.0	611	90.7	240	89.2	62	95.4	54	83.1	10	83.3
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
20-24 Years	2831	100.0	1895	100.0	630	100.0	176	100.0	102	100.0	28	100.0
<2500	237	8.4	157	8.3	50	7.9	6	3.4	18	17.6	6	21.4
<1500	49	1.7	36	1.9	8	1.3	0	...	4	3.9	1	3.6
1500-2499	188	6.6	121	6.4	42	6.7	6	3.4	14	13.7	5	17.9
2500+	2593	91.6	1737	91.7	580	92.1	170	96.6	84	82.4	22	78.6
Unknown	1	0.0	1	0.1	0	...	0	...	0	...	0	...
25-29 Years	3280	100.0	2524	100.0	465	100.0	137	100.0	122	100.0	32	100.0
<2500	262	8.0	192	7.6	41	8.8	7	5.1	17	13.9	5	15.6
<1500	50	1.5	33	1.3	6	1.3	0	...	11	9.0	0	...
1500-2499	212	6.5	159	6.3	35	7.5	7	5.1	6	4.9	5	15.6
2500+	3013	91.9	2330	92.3	422	90.8	130	94.9	104	85.2	27	84.4
Unknown	5	0.2	2	0.1	2	0.4	0	...	1	0.8	0	...
30-34 Years	2625	100.0	2162	100.0	284	100.0	71	100.0	77	100.0	31	100.0
<2500	213	8.1	154	7.1	35	12.3	6	8.5	13	16.9	5	16.1
<1500	41	1.6	31	1.4	5	1.8	0	...	4	5.2	1	3.2
1500-2499	172	6.6	123	5.7	30	10.6	6	8.5	9	11.7	4	12.9
2500+	2411	91.8	2008	92.9	249	87.7	65	91.5	64	83.1	25	80.6
Unknown	1	0.0	0	...	0	...	0	...	0	...	1	3.2
35+ Years	1548	100.0	1264	100.0	168	100.0	54	100.0	49	100.0	13	100.0
<2500	158	10.2	126	10.0	15	8.9	5	9.3	10	20.4	2	15.4
<1500	43	2.8	34	2.7	2	1.2	0	...	7	14.3	0	...
1500-2499	115	7.4	92	7.3	13	7.7	5	9.3	3	6.1	2	15.4
2500+	1390	89.8	1138	90.0	153	91.1	49	90.7	39	79.6	11	84.6
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 numerator 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, 2005-2009

Age/ Birthweight	Trimester Care Began											
	Total		First		Second		Third		No Care		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	58980	100.0	44427	75.3	9847	16.7	2543	4.3	1521	2.6	642	1.1
<2500	5329	100.0	3971	74.5	834	15.7	159	3.0	273	5.1	92	1.7
<1500	1117	100.0	877	78.5	117	10.5	16	1.4	87	7.8	20	1.8
1500-2499	4212	100.0	3094	73.5	717	17.0	143	3.4	186	4.4	72	1.7
2500+	53610	100.0	40449	75.5	9009	16.8	2380	4.4	1247	2.3	525	1.0
Unknown	41	100.0	7	17.1	4	9.8	4	9.8	1	2.4	25	61.0
<20 Years	6107	100.0	3731	61.1	1662	27.2	414	6.8	239	3.9	61	1.0
<2500	680	100.0	432	63.5	166	24.4	32	4.7	42	6.2	8	1.2
<1500	163	100.0	109	66.9	33	20.2	2	1.2	17	10.4	2	1.2
1500-2499	517	100.0	323	62.5	133	25.7	30	5.8	25	4.8	6	1.2
2500+	5423	100.0	3298	60.8	1496	27.6	382	7.0	197	3.6	50	0.9
Unknown	4	100.0	1	25.0	0	0.0	0	0.0	0	0.0	3	75.0
20-24 Years	14913	100.0	10170	68.2	3208	21.5	902	6.0	460	3.1	173	1.2
<2500	1400	100.0	971	69.4	279	19.9	48	3.4	81	5.8	21	1.5
<1500	282	100.0	220	78.0	38	13.5	3	1.1	16	5.7	5	1.8
1500-2499	1118	100.0	751	67.2	241	21.6	45	4.0	65	5.8	16	1.4
2500+	13505	100.0	9197	68.1	2929	21.7	854	6.3	379	2.8	146	1.1
Unknown	8	100.0	2	25.0	0	0.0	0	0.0	0	0.0	6	75.0
25-29 Years	16419	100.0	12777	77.8	2448	14.9	633	3.9	393	2.4	168	1.0
<2500	1320	100.0	1008	76.4	183	13.9	38	2.9	66	5.0	25	1.9
<1500	260	100.0	205	78.8	18	6.9	7	2.7	26	10.0	4	1.5
1500-2499	1060	100.0	803	75.8	165	15.6	31	2.9	40	3.8	21	2.0
2500+	15087	100.0	11765	78.0	2263	15.0	594	3.9	326	2.2	139	0.9
Unknown	12	100.0	4	33.3	2	16.7	1	8.3	1	8.3	4	33.3
30-34 Years	13443	100.0	11103	82.6	1573	11.7	369	2.7	251	1.9	147	1.1
<2500	1124	100.0	911	81.0	124	11.0	25	2.2	41	3.6	23	2.0
<1500	236	100.0	194	82.2	21	8.9	4	1.7	11	4.7	6	2.5
1500-2499	888	100.0	717	80.7	103	11.6	21	2.4	30	3.4	17	1.9
2500+	12309	100.0	10192	82.8	1447	11.8	342	2.8	210	1.7	118	1.0
Unknown	10	100.0	0	0.0	2	20.0	2	20.0	0	0.0	6	60.0
35+ Years	8098	100.0	6646	82.1	956	11.8	225	2.8	178	2.2	93	1.1
<2500	805	100.0	649	80.6	82	10.2	16	2.0	43	5.3	15	1.9
<1500	176	100.0	149	84.7	7	4.0	0	0.0	17	9.7	3	1.7
1500-2499	629	100.0	500	79.5	75	11.9	16	2.5	26	4.1	12	1.9
2500+	7286	100.0	5997	82.3	874	12.0	208	2.9	135	1.9	72	1.0
Unknown	7	100.0	0	0.0	0	0.0	1	14.3	0	0.0	6	85.7

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.

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, 2005-2009

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
Total	58980	100.0	44427	75.3	9847	16.7	2543	4.3	1521	2.6	642	1.1
<2500	5329	100.0	3971	74.5	834	15.7	159	3.0	273	5.1	92	1.7
<1500	1117	100.0	877	78.5	117	10.5	16	1.4	87	7.8	20	1.8
1500-2499	4212	100.0	3094	73.5	717	17.0	143	3.4	186	4.4	72	1.7
2500+	53610	100.0	40449	75.5	9009	16.8	2380	4.4	1247	2.3	525	1.0
Unknown	41	100.0	7	17.1	4	9.8	4	9.8	1	2.4	25	61.0
Married	31602	100.0	26368	83.4	3654	11.6	763	2.4	529	1.7	288	0.9
<2500	2348	100.0	1947	82.9	253	10.8	37	1.6	78	3.3	33	1.4
<1500	462	100.0	396	85.7	24	5.2	5	1.1	29	6.3	8	1.7
1500-2499	1886	100.0	1551	82.2	229	12.1	32	1.7	49	2.6	25	1.3
2500+	29231	100.0	24416	83.5	3398	11.6	722	2.5	450	1.5	245	0.8
Unknown	23	100.0	5	21.7	3	13.0	4	17.4	1	4.3	10	43.5
Single	27378	100.0	18059	66.0	6193	22.6	1780	6.5	992	3.6	354	1.3
<2500	2981	100.0	2024	67.9	581	19.5	122	4.1	195	6.5	59	2.0
<1500	655	100.0	481	73.4	93	14.2	11	1.7	58	8.9	12	1.8
1500-2499	2326	100.0	1543	66.3	488	21.0	111	4.8	137	5.9	47	2.0
2500+	24379	100.0	16033	65.8	5611	23.0	1658	6.8	797	3.3	280	1.1
Unknown	18	100.0	2	11.1	1	5.6	0	0.0	0	0.0	15	83.3

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.

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, 2009

Area/ Visits	Race								Hispanic Origin*	
	All Races		White		Black		Other			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	11369	100.0	7573	100.0	3178	100.0	618	100.0	1659	100.0
None	415	3.7	253	3.3	129	4.1	33	5.3	62	3.7
1-4 Visits	342	3.0	217	2.9	113	3.6	12	1.9	118	7.1
5-9 Visits	1843	16.2	1161	15.3	587	18.5	95	15.4	488	29.4
10-12 Visits	5921	52.1	3902	51.5	1669	52.5	350	56.6	721	43.5
13+ Visits	2800	24.6	2019	26.7	655	20.6	126	20.4	264	15.9
Unknown	48	0.4	21	0.3	25	0.8	2	0.3	6	0.4
Kent	2258	100.0	1527	100.0	649	100.0	82	100.0	201	100.0
None	38	1.7	27	1.8	10	1.5	1	1.2	6	3.0
1-4 Visits	61	2.7	31	2.0	29	4.5	1	1.2	2	1.0
5-9 Visits	350	15.5	218	14.3	119	18.3	13	15.9	46	22.9
10-12 Visits	1161	51.4	801	52.5	322	49.6	38	46.3	91	45.3
13+ Visits	628	27.8	441	28.9	159	24.5	28	34.1	54	26.9
Unknown	20	0.9	9	0.6	10	1.5	1	1.2	2	1.0
New Castle	6794	100.0	4248	100.0	2075	100.0	471	100.0	907	100.0
None	347	5.1	207	4.9	109	5.3	31	6.6	43	4.7
1-4 Visits	111	1.6	49	1.2	53	2.6	9	1.9	15	1.7
5-9 Visits	863	12.7	458	10.8	345	16.6	60	12.7	172	19.0
10-12 Visits	3898	57.4	2442	57.5	1171	56.4	285	60.5	510	56.2
13+ Visits	1549	22.8	1082	25.5	382	18.4	85	18.0	163	18.0
Unknown	26	0.4	10	0.2	15	0.7	1	0.2	4	0.4
Wilmington	1237	100.0	422	100.0	796	100.0	19	100.0	174	100.0
None	66	5.3	23	5.5	42	5.3	1	5.3	9	5.2
1-4 Visits	33	2.7	10	2.4	22	2.8	1	5.3	4	2.3
5-9 Visits	227	18.4	67	15.9	157	19.7	3	15.8	41	23.6
10-12 Visits	675	54.6	227	53.8	437	54.9	11	57.9	91	52.3
13+ Visits	227	18.4	95	22.5	129	16.2	3	15.8	29	16.7
Unknown	9	0.7	0	0.0	9	1.1	0	0.0	0	0.0
Balance of NC County	5557	100.0	3826	100.0	1279	100.0	452	100.0	733	100.0
None	281	5.1	184	4.8	67	5.2	30	6.6	34	4.6
1-4 Visits	78	1.4	39	1.0	31	2.4	8	1.8	11	1.5
5-9 Visits	636	11.4	391	10.2	188	14.7	57	12.6	131	17.9
10-12 Visits	3223	58.0	2215	57.9	734	57.4	274	60.6	419	57.2
13+ Visits	1322	23.8	987	25.8	253	19.8	82	18.1	134	18.3
Unknown	17	0.3	10	0.3	6	0.5	1	0.2	4	0.5
Sussex	2317	100.0	1798	100.0	454	100.0	65	100.0	551	100.0
None	30	1.3	19	1.1	10	2.2	1	1.5	13	2.4
1-4 Visits	170	7.3	137	7.6	31	6.8	2	3.1	101	18.3
5-9 Visits	630	27.2	485	27.0	123	27.1	22	33.8	270	49.0
10-12 Visits	862	37.2	659	36.7	176	38.8	27	41.5	120	21.8
13+ Visits	623	26.9	496	27.6	114	25.1	13	20.0	47	8.5
Unknown	2	0.1	2	0.1	0	0.0	0	0.0	0	0.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each 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, 2009

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
All Races	11369	100.0	5529	48.6	5163	45.4	176	1.5	309	2.7	189	1.7
<20	1085	100.0	867	79.9	183	16.9	8	0.7	18	1.7	8	0.7
20-24	2831	100.0	2060	72.8	584	20.6	44	1.6	110	3.9	33	1.2
25-29	3280	100.0	1505	45.9	1566	47.7	52	1.6	99	3.0	58	1.8
30-34	2625	100.0	710	27.0	1755	66.9	41	1.6	63	2.4	54	2.1
35+	1548	100.0	387	25.0	1075	69.4	31	2.0	19	1.2	36	2.3
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
White	7573	100.0	3268	43.2	3768	49.8	134	1.76944	244	3.2	157	2.1
<20	590	100.0	465	78.8	99	16.8	7	1.2	13	2.2	6	1.0
20-24	1776	100.0	1246	70.2	385	21.7	36	2.0	82	4.6	27	1.5
25-29	2252	100.0	907	40.3	1170	52.0	42	1.9	82	3.6	51	2.3
30-34	1875	100.0	423	22.6	1326	70.7	28	1.5	52	2.8	44	2.3
35+	1080	100.0	227	21.0	788	73.0	21	1.9	15	1.4	29	2.7
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
Black	3178	100.0	2078	65.4	992	31.2	36	1.1	48	1.5	23	0.7
<20	482	100.0	392	81.3	82	17.0	1	0.2	4	0.8	2	0.4
20-24	967	100.0	764	79.0	169	17.5	7	0.7	22	2.3	5	0.5
25-29	825	100.0	538	65.2	259	31.4	9	1.1	14	1.7	5	0.6
30-34	540	100.0	244	45.2	274	50.7	10	1.9	5	0.9	7	1.3
35+	364	100.0	140	38.5	208	57.1	9	2.5	3	0.8	4	1.1
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
Other	618	100.0	183	29.6	403	65.2	6	1.0	17	2.8	9	1.5
<20	13	100.0	10	76.9	2	15.4	0	0.0	1	7.7	0	0.0
20-24	88	100.0	50	56.8	30	34.1	1	1.1	6	6.8	1	1.1
25-29	203	100.0	60	29.6	137	67.5	1	0.5	3	1.5	2	1.0
30-34	210	100.0	43	20.5	155	73.8	3	1.4	6	2.9	3	1.4
35+	104	100.0	20	19.2	79	76.0	1	1.0	1	1.0	3	2.9
Unknown	0	...	0	...	0	...	0	...	0	...	0	...
Hispanic Origin*	1659	100.0	1368	82.5	213	12.8	30	1.8	42	2.5	6	0.4
<20	223	100.0	195	87.4	13	5.8	5	2.2	8	3.6	2	0.9
20-24	526	100.0	467	88.8	40	7.6	7	1.3	11	2.1	1	0.2
25-29	470	100.0	387	82.3	59	12.6	12	2.6	12	2.6	0	0.0
30-34	299	100.0	212	70.9	70	23.4	5	1.7	9	3.0	3	1.0
35+	141	100.0	107	75.9	31	22.0	1	0.7	2	1.4	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...

PSOPRCAG

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each age category.
3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
4. All Delaware residents born out of state whose source of payment for delivery was not stated, were assigned to the private insurance category. See Technical Notes.
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, 2009

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
All Races	11369	100.0	5529	48.6	5163	45.4	176	1.5	309	2.7	189	1.7
Married	5935	100.0	1324	22.3	4094	69.0	120	2.0	261	4.4	136	2.3
Single	5434	100.0	4205	77.4	1069	19.7	56	1.0	48	0.9	53	1.0
White	7573	100.0	3268	43.2	3768	49.8	134	1.8	244	3.2	157	2.1
Married	4527	100.0	901	19.9	3193	70.5	99	2.2	218	4.8	116	2.6
Single	3046	100.0	2367	77.7	575	18.9	35	1.1	26	0.9	41	1.3
Black	3178	100.0	2078	65.4	992	31.2	36	1.1	48	1.5	23	0.7
Married	895	100.0	313	35.0	524	58.5	16	1.8	31	3.5	11	1.2
Single	2283	100.0	1765	77.3	468	20.5	20	0.9	17	0.7	12	0.5
Other	618	100.0	183	29.6	403	65.2	6	1.0	17	2.8	9	1.5
Married	513	100.0	110	21.4	377	73.5	5	1.0	12	2.3	9	1.8
Single	105	100.0	73	69.5	26	24.8	1	1.0	5	4.8	0	0.0
Hispanic Origin*	1659	100.0	1368	82.5	213	12.8	30	1.8	42	2.5	6	0.4
Married	581	100.0	391	67.3	144	24.8	8	1.4	35	6.0	3	0.5
Single	1078	100.0	977	90.6	69	6.4	22	2.0	7	0.6	3	0.3

PSOPRCMS

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each marital status category.
3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
4. All Delaware residents born out of state whose source of payment for delivery was not stated, were assigned to the private insurance category. See Technical Notes.
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, 2009

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
Delaware	11369	100.0	5529	100.0	5163	100.0	176	100.0	309	100.0	189	100.0
First	8519	74.9	3533	63.9	4536	87.9	67	38.1	225	72.8	156	82.5
Second	1816	16.0	1312	23.7	385	7.5	47	26.7	50	16.2	21	11.1
Third	503	4.4	390	7.1	51	1.0	34	19.3	27	8.7	1	0.5
No Care	415	3.7	228	4.1	161	3.1	19	10.8	2	0.6	5	2.6
Unknown	116	1.0	66	1.2	30	0.6	9	5.1	5	1.6	6	3.2
Kent	2258	100.0	1050	100.0	867	100.0	81	100.0	242	100.0	17	100.0
First	1611	71.3	658	62.7	747	86.2	17	21.0	174	71.9	14	82.4
Second	446	19.8	278	26.5	95	11.0	31	38.3	41	16.9	1	5.9
Third	134	5.9	74	7.0	13	1.5	24	29.6	23	9.5	0	0.0
No Care	38	1.7	23	2.2	8	0.9	5	6.2	0	0.0	2	11.8
Unknown	29	1.3	17	1.6	4	0.5	4	4.9	4	1.7	0	0.0
New Castle	6794	100.0	2914	100.0	3699	100.0	66	100.0	60	100.0	53	100.0
First	5507	81.1	2099	72.0	3278	88.6	41	62.1	47	78.3	41	77.4
Second	746	11.0	501	17.2	221	6.0	9	13.6	8	13.3	6	11.3
Third	121	1.8	88	3.0	27	0.7	3	4.5	3	5.0	0	0.0
No Care	347	5.1	185	6.3	150	4.1	8	12.1	2	3.3	2	3.8
Unknown	73	1.1	41	1.4	23	0.6	5	7.6	0	0.0	4	7.5
Wilmington	1237	100.0	816	100.0	395	100.0	16	100.0	8	100.0	2	100.0
First	920	74.4	573	70.2	328	83.0	10	62.5	7	87.5	2	100.0
Second	189	15.3	145	17.8	41	10.4	3	18.8	0	0.0	0	0.0
Third	36	2.9	31	3.8	4	1.0	0	0.0	1	12.5	0	0.0
No Care	66	5.3	47	5.8	17	4.3	2	12.5	0	0.0	0	0.0
Unknown	26	2.1	20	2.5	5	1.3	1	6.3	0	0.0	0	0.0
Balance of NC County	5557	100.0	2098	100.0	3304	100.0	50	100.0	52	100.0	51	100.0
First	4587	82.5	1526	72.7	2950	89.3	31	62.0	40	76.9	39	76.5
Second	557	10.0	356	17.0	180	5.4	6	12.0	8	15.4	6	11.8
Third	85	1.5	57	2.7	23	0.7	3	6.0	2	3.8	0	0.0
No Care	281	5.1	138	6.6	133	4.0	6	12.0	2	3.8	2	3.9
Unknown	47	0.8	21	1.0	18	0.5	4	8.0	0	0.0	4	7.8
Sussex	2317	100.0	1565	100.0	597	100.0	29	100.0	7	100.0	119	100.0
First	1401	60.5	776	49.6	511	85.6	9	31.0	4	57.1	101	84.9
Second	624	26.9	533	34.1	69	11.6	7	24.1	1	14.3	14	11.8
Third	248	10.7	228	14.6	11	1.8	7	24.1	1	14.3	1	0.8
No Care	30	1.3	20	1.3	3	0.5	6	20.7	0	0.0	1	0.8
Unknown	14	0.6	8	0.5	3	0.5	0	0.0	1	14.3	2	1.7

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.

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, 2009

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
All Races	11369	100.0	5529	100.0	5163	100.0	176	100.0	309	100.0	189	100.0
First	8519	74.9	3533	63.9	4536	87.9	67	38.1	225	72.8	156	82.5
Second	1816	16.0	1312	23.7	385	7.5	47	26.7	50	16.2	21	11.1
Third	503	4.4	390	7.1	51	1.0	34	19.3	27	8.7	1	0.5
No Care	415	3.7	228	4.1	161	3.1	19	10.8	2	0.6	5	2.6
Unknown	116	1.0	66	1.2	30	0.6	9	5.1	5	1.6	6	3.2
White	7573	100.0	3268	100.0	3768	100.0	134	100.0	244	100.0	157	100.0
First	5789	76.4	2042	62.5	3392	90.0	41	30.6	178	73.0	134	85.4
Second	1120	14.8	800	24.5	226	6.0	42	31.3	38	15.6	14	8.9
Third	353	4.7	270	8.3	29	0.8	30	22.4	23	9.4	1	0.6
No Care	253	3.3	128	3.9	104	2.8	16	11.9	2	0.8	3	1.9
Unknown	58	0.8	28	0.9	17	0.5	5	3.7	3	1.2	5	3.2
Black	3178	100.0	2078	100.0	992	100.0	36	100.0	48	100.0	23	100.0
First	2246	70.7	1372	66.0	803	80.9	21	58.3	36	75.0	14	60.9
Second	617	19.4	471	22.7	126	12.7	5	13.9	8	16.7	6	26.1
Third	136	4.3	111	5.3	19	1.9	4	11.1	2	4.2	0	0.0
No Care	129	4.1	89	4.3	35	3.5	3	8.3	0	0.0	2	8.7
Unknown	50	1.6	35	1.7	9	0.9	3	8.3	2	4.2	1	4.3
Other	618	100.0	183	100.0	403	100.0	6	100.0	17	100.0	9	100.0
First	484	78.3	119	65.0	341	84.6	5	83.3	11	64.7	8	88.9
Second	79	12.8	41	22.4	33	8.2	0	0.0	4	23.5	1	11.1
Third	14	2.3	9	4.9	3	0.7	0	0.0	2	11.8	0	0.0
No Care	33	5.3	11	6.0	22	5.5	0	0.0	0	0.0	0	0.0
Unknown	8	1.3	3	1.6	4	1.0	1	16.7	0	0.0	0	0.0
Hispanic Origin*	1659	100.0	1368	100.0	213	100.0	30	100.0	42	100.0	6	100.0
First	917	55.3	697	51.0	182	85.4	6	20.0	29	69.0	3	50.0
Second	453	27.3	417	30.5	16	7.5	9	30.0	10	23.8	1	16.7
Third	203	12.2	191	14.0	1	0.5	8	26.7	3	7.1	0	0.0
No Care	62	3.7	45	3.3	11	5.2	5	16.7	0	0.0	1	16.7
Unknown	24	1.4	18	1.3	3	1.4	2	6.7	0	0.0	1	16.7

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.

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, 2009

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
All Races	11369	100.0	5529	100.0	5163	100.0	176	100.0	309	100.0	189	100.0
Vaginal	7307	64.3	3620	65.5	3209	62.2	135	76.7	228	73.8	115	60.8
C-section	4057	35.7	1908	34.5	1952	37.8	41	23.3	81	26.2	72	38.1
Unknown	5	0.0	1	0.0	2	0.0	0	0.0	0	0.0	2	1.1
White	7573	100.0	3268	100.0	3768	100.0	134	100.0	244	100.0	157	100.0
Vaginal	4935	65.2	2172	66.5	2378	63.1	110	82.1	180	73.8	95	60.5
C-section	2636	34.8	1096	33.5	1390	36.9	24	17.9	64	26.2	60	38.2
Unknown	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.3
Black	3178	100.0	2078	100.0	992	100.0	36	100.0	48	100.0	23	100.0
Vaginal	1981	62.3	1325	63.8	584	58.9	20	55.6	38	79.2	14	60.9
C-section	1194	37.6	752	36.2	406	40.9	16	44.4	10	20.8	9	39.1
Unknown	3	0.1	1	0.0	2	0.2	0	0.0	0	0.0	0	0.0
Other	618	100.0	183	100.0	403	100.0	6	100.0	17	100.0	9	100.0
Vaginal	391	63.3	123	67.2	247	61.3	5	83.3	10	58.8	6	66.7
C-section	227	36.7	60	32.8	156	38.7	1	16.7	7	41.2	3	33.3
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hispanic Origin*	1659	100.0	1368	100.0	213	100.0	30	100.0	42	100.0	6	100.0
Vaginal	1124	67.8	937	68.5	126	59.2	22	73.3	35	83.3	4	66.7
C-section	534	32.2	431	31.5	87	40.8	8	26.7	7	16.7	1	16.7
Unknown	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7

PSOPRCMD

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each source of payment category.
3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
4. All Delaware residents born out of state whose source of payment for delivery was not stated, were assigned to the private insurance category. See Technical Notes.
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-50
NUMBER OF LIVE BIRTHS BY METHOD OF DELIVERY

DELAWARE, 2009

Method of Delivery	Number
Total	11369
Vaginal	7307
C-Section	4057
Primary C-Section	2375
Repeat C-Section	1682
Unknown	5

METHOD1

Source:
Delaware Health Statistics Center

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

DELAWARE, 2009

Birth weight	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11369	100.0	7307	64.3	4057	35.7	5	0.0
<2500	978	100.0	487	49.8	490	50.1	1	0.1
<1500	211	100.0	84	39.8	127	60.2	0	0.0
1500-2499	767	100.0	403	52.5	363	47.3	1	0.1
2500+	10384	100.0	6818	65.7	3563	34.3	3	0.0
Unknown	7	100.0	2	28.6	4	57.1	1	14.3

METHOD2

Notes:

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

Source:

Delaware Health Statistics Center

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

DELAWARE, 2009

Age	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11369	100.0	7307	64.3	4057	35.7	5	0.0
<20	1085	100.0	793	73.1	292	26.9	0	0.0
20-24	2831	100.0	1924	68.0	906	32.0	1	0.0
25-29	3280	100.0	2145	65.4	1134	34.6	1	0.0
30-34	2625	100.0	1622	61.8	1002	38.2	1	0.0
35+	1548	100.0	823	53.2	723	46.7	2	0.1
Unknown	0	...	0	...	0	...	0	...

METHOD3

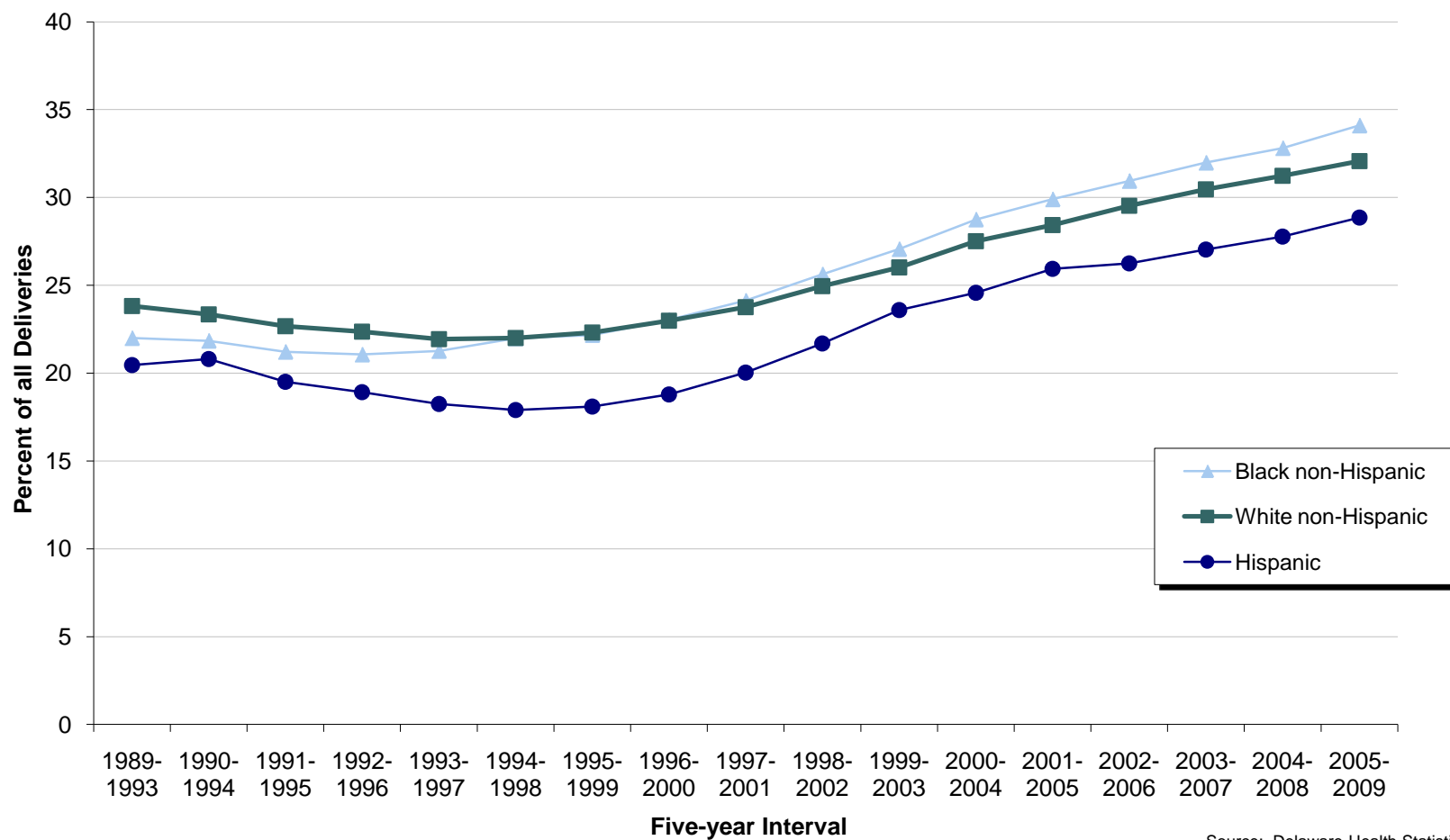
Notes:

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

Source:

Delaware Health Statistics Center

Figure C-18
Five-year Percent Births by Cesarean Section Delivery by Race and Ethnicity
Delaware, 1989-2009



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, 2009

Area/ Tobacco Use	Race								Hispanic Origin*	
	All Races		White		Black		Other			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	11369	100.0	7573	100.0	3178	100.0	618	100.0	1659	100.0
Yes	1524	13.4	1101	14.5	404	12.7	19	3.1	57	3.4
No	9826	86.4	6455	85.2	2773	87.3	598	96.8	1601	96.5
Unknown	19	0.2	17	0.2	1	0.0	1	0.2	1	0.1
Kent	2258	100.0	1527	100.0	649	100.0	82	100.0	201	100.0
Yes	249	11.0	193	12.6	50	7.7	6	7.3	12	6.0
No	2005	88.8	1330	87.1	599	92.3	76	92.7	189	94.0
Unknown	4	0.2	4	0.3	0	0.0	0	0.0	0	0.0
New Castle	6794	100.0	4248	100.0	2075	100.0	471	100.0	907	100.0
Yes	924	13.6	628	14.8	286	13.8	10	2.1	39	4.3
No	5857	86.2	3609	85.0	1788	86.2	460	97.7	867	95.6
Unknown	13	0.2	11	0.3	1	0.0	1	0.2	1	0.1
Wilmington	1237	100.0	422	100.0	796	100.0	19	100.0	174	100.0
Yes	216	17.5	58	13.7	157	19.7	1	5.3	15	8.6
No	1020	82.5	363	86.0	639	80.3	18	94.7	159	91.4
Unknown	1	0.1	1	0.2	0	0.0	0	0.0	0	0.0
Balance of NC County	5557	100.0	3826	100.0	1279	100.0	452	100.0	733	100.0
Yes	708	12.7	570	14.9	129	10.1	9	2.0	24	3.3
No	4837	87.0	3246	84.8	1149	89.8	442	97.8	708	96.6
Unknown	12	0.2	10	0.3	1	0.1	1	0.2	1	0.1
Sussex	2317	100.0	1798	100.0	454	100.0	65	100.0	551	100.0
Yes	351	15.1	280	15.6	68	15.0	3	4.6	6	1.1
No	1964	84.8	1516	84.3	386	85.0	62	95.4	545	98.9
Unknown	2	0.1	2	0.1	0	0.0	0	0.0	0	0.0

Notes:

TOBALC3

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, 2009

Age	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	11369	100.0	1524	13.4	9826	86.4	19	0.2
< 18	326	100.0	44	13.5	282	86.5	0	0.0
18-19	759	100.0	144	19.0	615	81.0	0	0.0
20-24	2831	100.0	535	18.9	2293	81.0	3	0.1
25-29	3280	100.0	437	13.3	2836	86.5	7	0.2
30-34	2625	100.0	229	8.7	2390	91.0	6	0.2
35 +	1548	100.0	135	8.7	1410	91.1	3	0.2
Unknown	0	...	0	...	0	...	0	...

TOBAGBW1

Notes:

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

Source:

Delaware Health 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, 2009

Area/ Birth Weight	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	11369	100.0	1524	100.0	9826	100.0	19	100.0
<2500	978	8.6	210	13.8	767	7.8	1	5.3
2500+	10384	91.3	1314	86.2	9054	92.1	16	84.2
Unknown	7	0.1	0	0.0	5	0.1	2	10.5
Kent	2258	100.0	249	100.0	2005	100.0	4	100.0
<2500	185	8.2	32	12.9	153	7.6	0	0.0
2500+	2072	91.8	217	87.1	1852	92.4	3	75.0
Unknown	1	0.0	0	0.0	0	0.0	1	25.0
New Castle	6794	100.0	924	100.0	5857	100.0	13	100.0
<2500	610	9.0	134	14.5	475	8.1	1	7.7
2500+	6181	91.0	790	85.5	5380	91.9	11	84.6
Unknown	3	0.0	0	0.0	2	0.0	1	7.7
Wilmington	1237	100.0	216	100.0	1020	100.0	1	100.0
<2500	168	13.6	48	22.2	120	11.8	0	0.0
2500+	1069	86.4	168	77.8	900	88.2	1	100.0
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
Balance of NC County	5557	100.0	708	100.0	4837	100.0	12	100.0
<2500	442	8.0	86	12.1	355	7.3	1	8.3
2500+	5112	92.0	622	87.9	4480	92.6	10	83.3
Unknown	3	0.1	0	0.0	2	0.0	1	8.3
Sussex	2317	100.0	351	100.0	1964	100.0	2	100.0
<2500	183	7.9	44	12.5	139	7.1	0	0.0
2500+	2131	92.0	307	87.5	1822	92.8	2	100.0
Unknown	3	0.1	0	0.0	3	0.2	0	0.0

TOBAGBW2

Notes:

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

Source:

Delaware Health 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, 1995-2009

Year/ Area	Race			Hispanic Origin*
	All Races	White	Black	
2009				
U.S.	N/A	N/A	N/A	N/A
Delaware	13.4	14.5	12.7	3.4
2008				
U.S.	N/A	N/A	N/A	N/A
Delaware	12.4	13.2	12.2	3.3
2007				
U.S.	10.4	N/A	N/A	2.1
Delaware	12.6	13.3	12.5	3.4
2006				
U.S.	13.2	N/A	N/A	2.8
Delaware	9.4	10.1	8.5	2.8
2005				
U.S.	12.4	N/A	N/A	2.7
Delaware	11.6	12.7	10.3	3.3
2004				
U.S.	16.3	N/A	N/A	5.7
Delaware	11.8	12.4	11.8	2.9
2003				
U.S.	10.7	11.6	8.1	2.7
Delaware	11.3	12.6	10.2	3.0
2002				
U.S.	11.4	12.3	8.7	3.0
Delaware	12.9	13.9	12.0	4.0
2001				
U.S.	12.0	13.0	9.0	3.2
Delaware	13.2	14.1	12.4	4.1
2000				
U.S.	12.2	13.2	9.1	3.5
Delaware	13.1	13.7	13.1	5.6
1999				
U.S.	12.6	13.6	9.3	3.7
Delaware	12.7	13.7	11.3	4.5
1998				
U.S.	12.9	14.0	9.5	4.0
Delaware	14.9	16.2	12.6	6.9
1997				
U.S.	13.2	14.3	9.7	4.1
Delaware	14.2	15.2	12.1	4.9
1996				
U.S.	13.6	14.7	10.2	4.3
Delaware	13.9	14.8	12.1	3.9
1995				
U.S.	13.9	15.0	10.6	4.3
Delaware	13.1	14.2	10.8	4.7

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.
4. US percentages are based on the numbers reported by some states only.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

TOBPCT

TABLE C-57
NUMBER AND PERCENT OF LIVE BIRTHS BY DAY OF THE WEEK
DELAWARE, 2009

Day	Number	Percent
Sunday	1025	9.0
Monday	1857	16.3
Tuesday	1912	16.8
Wednesday	1830	16.1
Thursday	1818	16.0
Friday	1689	14.9
Saturday	1238	10.9
Total	11369	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, 2009

Month	Number	Percent
January	941	8.3
February	848	7.5
March	976	8.6
April	923	8.1
May	1009	8.9
June	966	8.5
July	1010	8.9
August	984	8.7
September	972	8.5
October	936	8.2
November	877	7.7
December	927	8.2
Total	11369	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, 2008-2009

Males

Rank	2008	
	Name	Number
1	Michael	81
2	Joshua	66
3	Christopher	64
3	Jacob	64
3	William	64
6	John	60
7	Anthony	58
8	Jayden	55
9	Joseph	54
9	Matthew	54
9	Ryan	54
12	James	52
13	Daniel	50
14	Ethan	48
15	Chase	46

Rank	2009	
	Name	Number
1	Jayden	63
2	Michael	62
3	Alexander	59
4	Matthew	57
5	William	55
6	Ethan	54
7	James	51
8	Joshua	50
8	Logan	50
10	Aiden	49
10	Anthony	49
10	Christian	49
13	Chase	46
13	Christopher	46
13	Daniel	46

Females

Rank	2008	
	Name	Number
1	Olivia	65
2	Ava	63
3	Madison	57
4	Abigail	48
4	Emma	48
6	Emily	47
7	Sophia	44
8	Isabella	42
9	Alexis	39
9	Brianna	39
11	Riley	33
12	Elizabeth	32
13	Natalie	31
14	Kayla	30
15	Taylor	29

Rank	2009	
	Name	Number
1	Isabella	69
2	Olivia	56
2	Sophia	56
4	Ava	48
5	Emma	46
6	Abigail	44
7	Madison	38
8	Emily	35
9	Samantha	32
10	Makayla	31
10	Alexis	29
11	Elizabeth	28
13	Alyssa	27
13	Kayla	27
15	Grace	26

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, 2009

State	Low Birthweight	
	Rate	Rank
Alabama	10.3	3
Alaska	5.9	50
Arizona	7.1	35
Arkansas	8.9	11
California	6.8	41
Colorado	8.8	13
Connecticut	8.0	31
Delaware	8.6	15
District of Columbia	10.3	3
Florida	8.7	14
Georgia	9.4	6
Hawaii	8.4	18
Idaho	6.5	44
Illinois	8.4	18
Indiana	8.3	24
Iowa	6.7	42
Kansas	7.3	34
Kentucky	8.9	11
Louisiana	10.6	2
Maine	6.3	47
Maryland	9.1	9
Massachusetts	7.8	33
Michigan	8.4	18
Minnesota	6.5	44
Mississippi	12.2	1
Missouri	8.1	29
Montana	7.1	35
Nebraska	7.1	35
Nevada	8.1	29
New Hampshire	6.9	40
New Jersey	8.3	24
New Mexico	8.3	24
New York	8.2	28
North Carolina	9.0	10
North Dakota	6.4	46
Ohio	8.6	15
Oklahoma	8.4	18
Oregon	6.3	47
Pennsylvania	8.3	24
Rhode Island	8.0	31
South Carolina	10.0	5
South Dakota	5.8	51
Tennessee	9.2	7
Texas	8.5	17
Utah	7.0	39
Vermont	6.7	42
Virginia	8.4	18
Washington	6.3	47
West Virginia	9.2	7
Wisconsin	7.1	35
Wyoming	8.4	18
United States	8.2	

NatLBW%

Sources:
Delaware Health Statistics Center
National Center for Health Statistics

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, 2009

State	Cesarean Deliveries		Single Mothers	
	Rate	Rank	Rate	Rank
Alabama	35.6	8	41.0	24
Alaska	23.8	49	38.0	32
Arizona	27.4	42	45.4	10
Arkansas	34.6	13	45.5	8
California	33.0	21	40.6	28
Colorado	26.4	45	24.9	50
Connecticut	35.6	8	37.6	35
Delaware	35.7	7	47.7	5
District of Columbia	32.0	24	55.8	1
Florida	38.1	3	47.7	5
Georgia	33.6	18	45.5	8
Hawaii	27.0	44	37.9	33
Idaho	24.5	48	25.6	49
Illinois	31.5	28	40.8	27
Indiana	30.5	32	43.8	14
Iowa	30.3	33	35.2	41
Kansas	30.1	34	37.9	33
Kentucky	35.9	6	41.3	22
Louisiana	39.6	1	53.6	3
Maine	29.6	35	40.6	28
Maryland	33.5	19	42.7	17
Massachusetts	33.4	20	34.7	42
Michigan	32.1	23	41.3	22
Minnesota	27.4	42	33.5	45
Mississippi	37.8	4	55.3	2
Missouri	31.7	26	40.9	26
Montana	29.6	35	36.3	37
Nebraska	31.7	26	34.5	43
Nevada	33.8	16	43.5	16
New Hampshire	30.8	31	33.4	47
New Jersey	39.4	2	35.3	40
New Mexico	22.8	51	53.5	4
New York	34.9	12	41.5	21
North Carolina	31.2	29	42.3	19
North Dakota	29.3	38	32.7	48
Ohio	31.1	30	44.2	13
Oklahoma	34.6	13	42.0	20
Oregon	29.4	37	35.5	39
Pennsylvania	31.8	25	41.0	24
Rhode Island	32.8	22	44.8	11
South Carolina	35.3	10	47.6	7
South Dakota	26.3	46	38.4	31
Tennessee	33.8	16	44.5	12
Texas	35.3	10	42.4	18
Utah	22.9	50	19.4	51
Vermont	27.9	41	39.5	30
Virginia	34.3	15	35.8	38
Washington	29.2	39	33.5	45
West Virginia	36.0	5	43.6	15
Wisconsin	25.8	47	37.0	36
Wyoming	28.1	40	34.0	44
United States	32.9		41.0	

CSSState

Sources:
Delaware Health Statistics Center
National Center for Health Statistics

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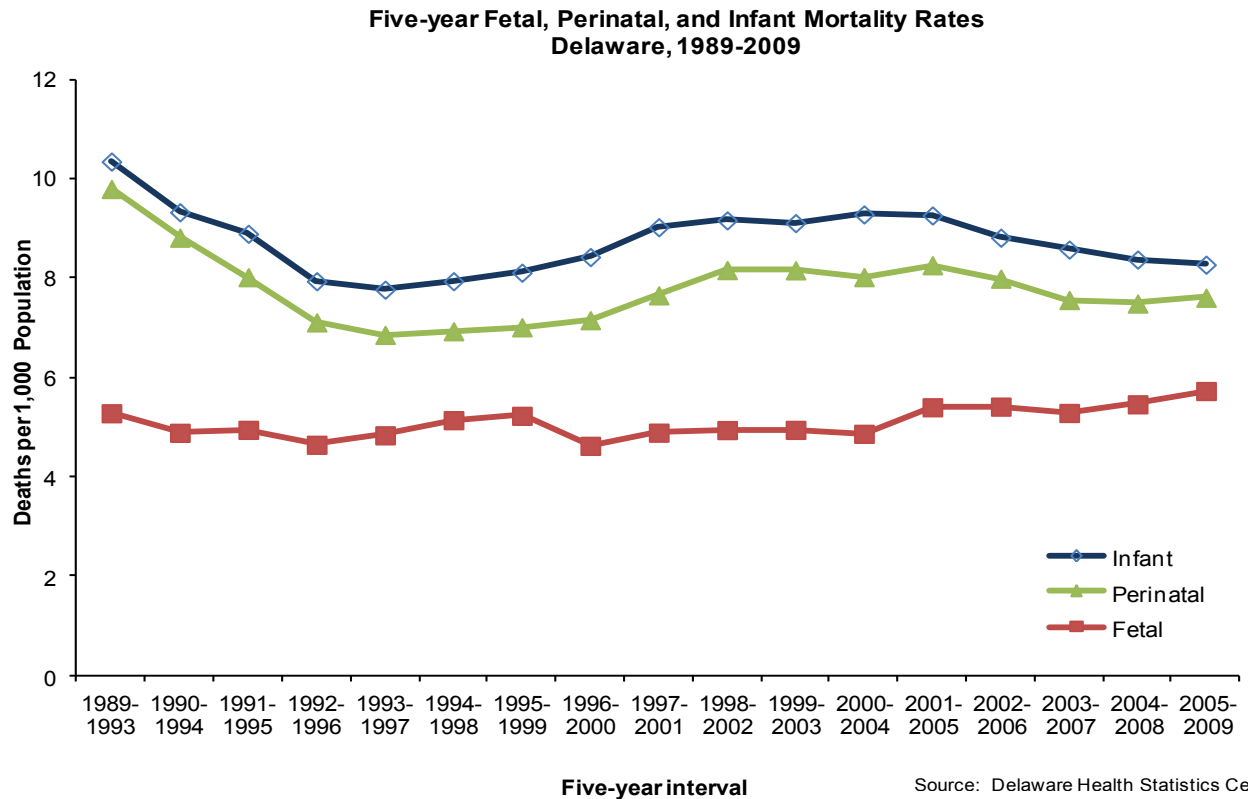
The background of the slide features a series of parallel, diagonal gray lines that create a sense of movement and depth. These lines are evenly spaced and extend across the entire frame, providing a modern and minimalist aesthetic.

Fetal & Perinatal Deaths

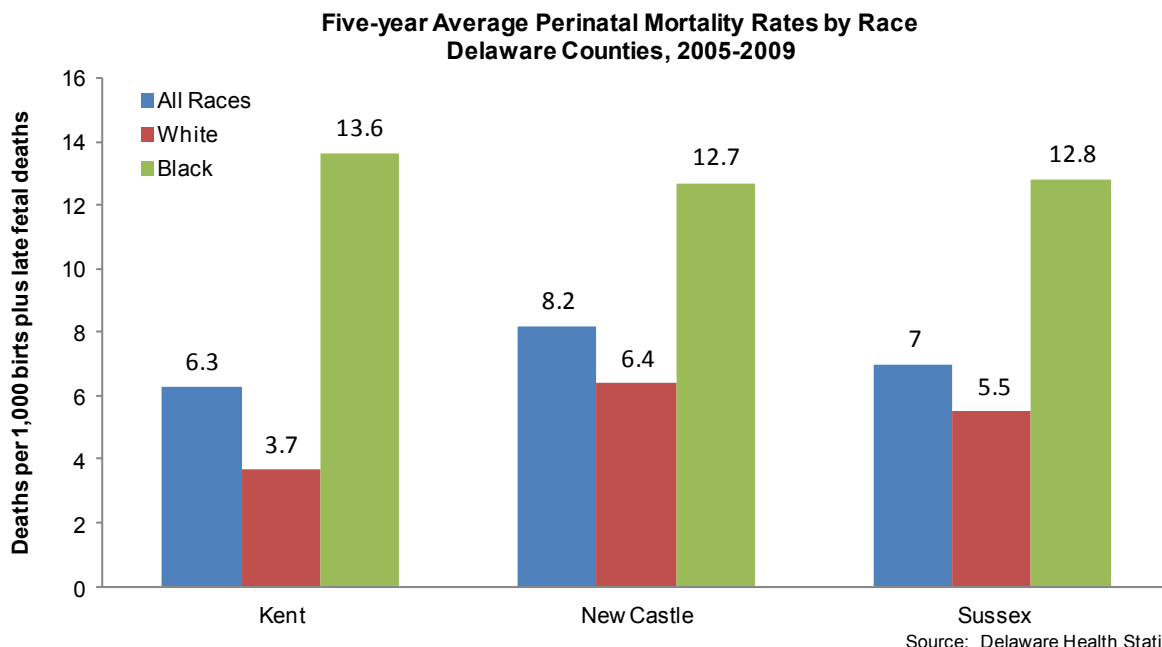
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FETAL AND PERINATAL DEATHS

Perinatal mortality refers to deaths occurring in the period around delivery, and includes late fetal deaths (>28 weeks gestation) and early infant deaths (<7 days of age). Perinatal mortality trends paralleled those of infant mortality, decreasing from 1989-1993 to their lowest level in 1993-1997, and then increasing through 2001-2005, after which they began a gradual decrease through 2005-2009.



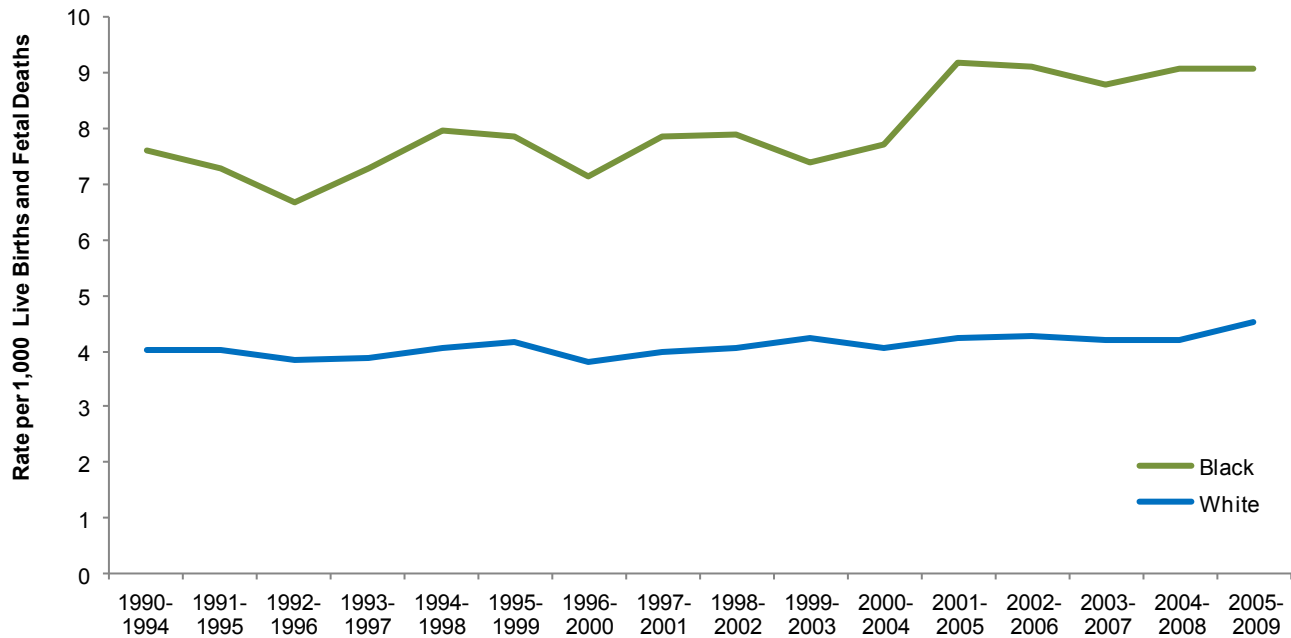
Like infant mortality rates, perinatal mortality rates for black women were substantially higher than the perinatal mortality rates for white women, regardless of county. In Kent County, the perinatal mortality rate for black women was four times that of white women.



FETAL AND PERINATAL DEATHS

In 2009, there were 66 reported fetal deaths in Delaware. In 2005-2009, the fetal mortality rate was 5.7 fetal deaths per 1,000 live births and fetal deaths. Fetal mortality rates for black women have been consistently higher than the rates for white women, and in 2005-2009 they were double the rate of white women (9.1 versus 4.5).

**Five-year Average Fetal Mortality Rates by Mother's Race
Delaware, 1990 - 2009**



Source: Delaware Health Statistics Center

TABLE D-1
NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND AGE OF WOMAN

DELAWARE AND COUNTIES, 2009

Area/ Age	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	66	35	28	3	9
<20	8	3	5	0	1
20-24	16	7	9	0	2
25-34	30	18	11	1	5
35+	12	7	3	2	1
Unknown	0	0	0	0	0
Kent	7	2	5	0	0
<20	1	0	1	0	0
20-24	0	0	0	0	0
25-34	5	2	3	0	0
35+	1	0	1	0	0
Unknown	0	0	0	0	0
New Castle	45	25	17	3	5
<20	3	1	2	0	0
20-24	12	4	8	0	2
25-34	21	14	6	1	3
35+	9	6	1	2	0
Unknown	0	0	0	0	0
Sussex	14	8	6	0	4
<20	4	2	2	0	1
20-24	4	3	1	0	0
25-34	4	2	2	0	2
35+	2	1	1	0	1
Unknown	0	0	0	0	0

Note:

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

*People of Hispanic origin may be of any race.

Source:

Delaware Health Statistics Center

PRAGERACECTY

TABLE D-2
NUMBER FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN
DELAWARE, 2009

Education	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Total	66	35	28	3	9
<9	7	5	1	1	3
9 to 11	8	3	5	0	1
H.S. Grad	27	11	15	1	1
1 to 3 College	10	5	5	0	1
4+ College	9	7	1	1	1
Unknown	5	4	1	0	2

PEDURACE

Note:

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

*People of Hispanic origin may be of any race.

Source:

Delaware Health Statistics Center

TABLE D-3
NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND MARITAL STATUS OF WOMAN
DELAWARE AND COUNTIES, 2009

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	66	35	28	3	9
Married	30	20	8	2	4
Single	36	15	20	1	5
Kent	7	2	5	0	0
Married	4	1	3	0	0
Single	3	1	2	0	0
New Castle	45	25	17	3	5
Married	21	15	4	2	1
Single	24	10	13	1	4
Sussex	14	8	6	0	4
Married	5	4	1	0	3
Single	9	4	5	0	1

PRMARIT

Note:

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

*People of Hispanic origin may be of any race.

Source:

Delaware Health Statistics Center

TABLE D-4
NUMBER OF FETAL DEATHS BY WEIGHT OF FETUS IN GRAMS AND RACE OF WOMAN

DELAWARE AND COUNTIES, 2009

Area/ Weight	Race			
	All Races	White	Black	Other
Delaware	66	35	28	3
<500	21	12	7	2
500-749	16	7	9	0
750-999	6	4	2	0
1000-1499	4	1	3	0
1500-1999	3	3	0	0
2000-2499	6	3	3	0
2500+	10	5	4	1
Unknown	0	0	0	0
Kent	7	2	5	0
<500	2	1	1	0
500-749	2	0	2	0
750-999	0	0	0	0
1000-1499	1	0	1	0
1500-1999	1	1	0	0
2000-2499	0	0	0	0
2500+	1	0	1	0
Unknown	0	0	0	0
New Castle	45	25	17	3
<500	15	8	5	2
500-749	12	6	6	0
750-999	5	3	2	0
1000-1499	2	1	1	0
1500-1999	1	1	0	0
2000-2499	5	3	2	0
2500+	5	3	1	1
Unknown	0	0	0	0
Sussex	14	8	6	0
<500	4	3	1	0
500-749	2	1	1	0
750-999	1	1	0	0
1000-1499	1	0	1	0
1500-1999	1	1	0	0
2000-2499	1	0	1	0
2500+	4	2	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-5
NUMBER OF FETAL DEATHS BY WEEKS OF GESTATION AND RACE OF WOMAN

DELAWARE AND COUNTIES, 2009

Area/ Age	Race			
	All Races	White	Black	Other
Delaware	66	35	28	3
<20 Weeks	1	0	1	0
20-24 Weeks	33	17	15	1
25-29 Weeks	10	6	3	1
30-34 Weeks	4	2	2	0
35-39 Weeks	12	8	4	0
40+ Weeks	6	2	3	1
Unknown	0	0	0	0
Kent	7	2	5	0
<20 Weeks	1	0	1	0
20-24 Weeks	3	1	2	0
25-29 Weeks	0	0	0	0
30-34 Weeks	2	1	1	0
35-39 Weeks	0	0	0	0
40+ Weeks	1	0	1	0
Unknown	0	0	0	0
New Castle	45	25	17	3
<20 Weeks	0	0	0	0
20-24 Weeks	25	13	11	1
25-29 Weeks	7	4	2	1
30-34 Weeks	2	1	1	0
35-39 Weeks	7	5	2	0
40+ Weeks	4	2	1	1
Unknown	0	0	0	0
Sussex	14	8	6	0
<20 Weeks	0	0	0	0
20-24 Weeks	5	3	2	0
25-29 Weeks	3	2	1	0
30-34 Weeks	0	0	0	0
35-39 Weeks	5	3	2	0
40+ Weeks	1	0	1	0
Unknown	0	0	0	0

Note:

FDGESRAC

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

Source:

Delaware Health Statistics Center

TABLE D-6
FIVE-YEAR AVERAGE PERINATAL MORTALITY RATES BY RACE
DELAWARE AND COUNTIES, 1991-2009

Area/ Race	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009
Delaware														
All Races	8.0	7.1	6.9	6.9	7.2	7.7	8.2	8.2	8.0	8.3	8.0	7.6	7.5	7.6
White	6.3	5.7	5.6	5.7	5.6	5.8	6.2	6.3	6.4	6.3	6.2	5.9	5.8	5.7
Black	13.2	11.4	10.8	10.9	12.4	14.0	14.7	14.5	13.7	14.6	13.5	12.7	12.5	12.9
Kent														
All Races	7.6	7.7	6.7	7.3	7.5	7.4	9.1	9.0	8.5	9.0	8.2	5.9	6.0	6.3
White	6.4	6.4	4.8	5.6	6.0	6.2	8.3	7.9	7.5	7.1	6.0	3.6	3.8	3.7
Black	10.3	11.2	12.7	12.5	12.9	12.2	12.2	12.9	11.5	14.6	14.0	11.9	11.8	13.6
New Castle														
All Races	8.3	7.3	6.9	6.7	7.3	8.0	8.4	8.5	8.4	8.5	8.3	8.1	8.1	8.2
White	6.3	5.5	5.5	5.3	5.3	5.7	5.9	6.2	6.4	6.4	6.3	6.4	6.3	6.4
Black	14.8	13.2	11.3	11.3	13.7	15.4	16.4	16.0	15.0	15.1	14.1	13.4	13.1	12.7
Sussex														
All Races	7.2	5.9	7.0	7.3	6.3	6.7	6.5	6.0	6.3	6.7	6.9	7.3	7.0	7.0
White	6.2	6.2	6.8	7.2	6.1	5.7	5.5	5.1	5.3	5.2	6.0	6.6	6.1	5.5
Black	10.4	5.6	7.5	7.6	6.6	10.2	10.1	9.6	10.3	12.5	10.3	10.7	10.6	12.8

Peri_race

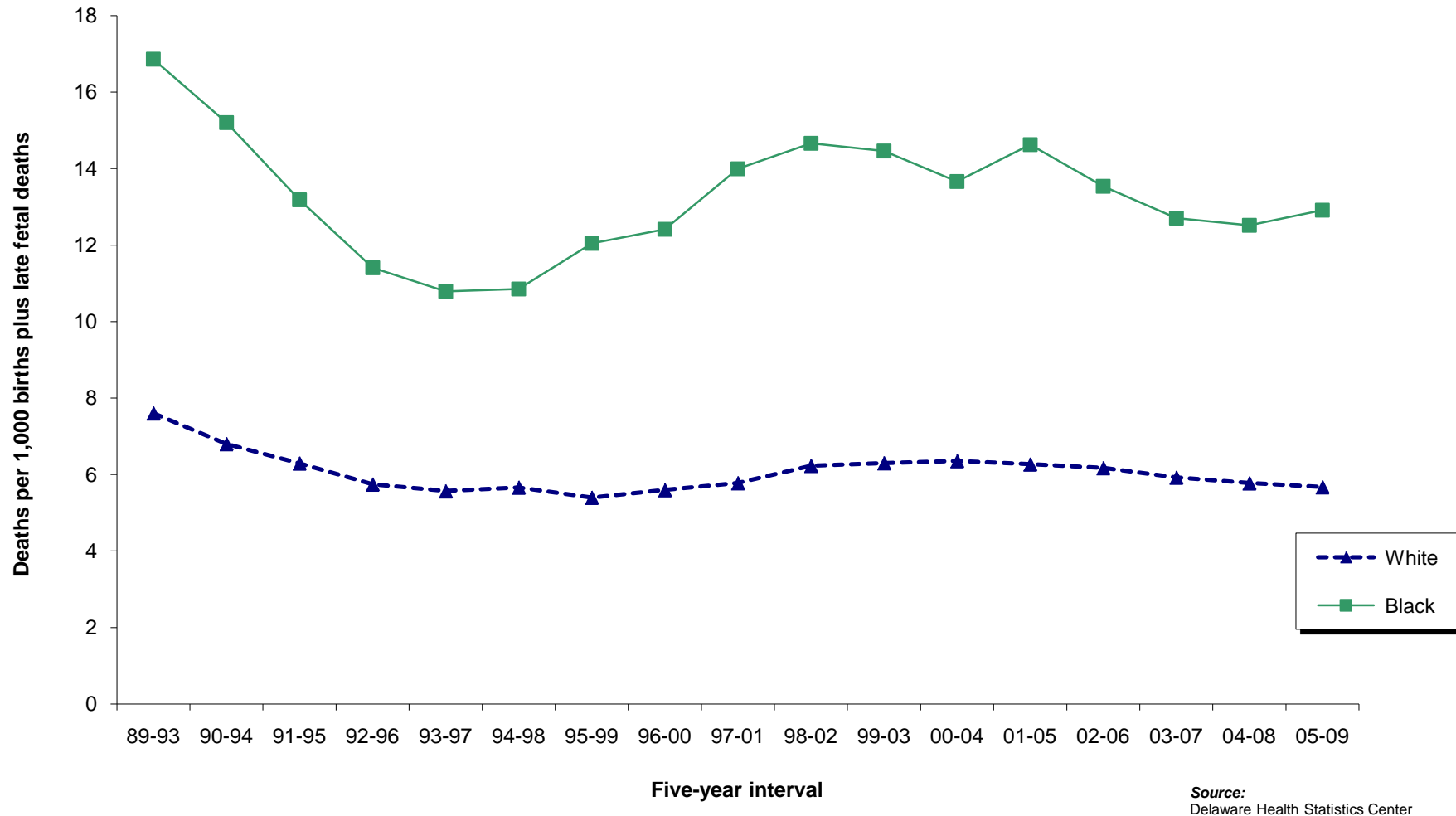
Note:

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

Source:

Delaware Health Statistics Center

Figure D-1
Five-year Average Perinatal Mortality Rates by Race
Delaware, 1989-2009



The background of the slide features a series of parallel, diagonal gray lines that run from the top-left towards the bottom-right. These lines are evenly spaced and cover the entire area of the slide.

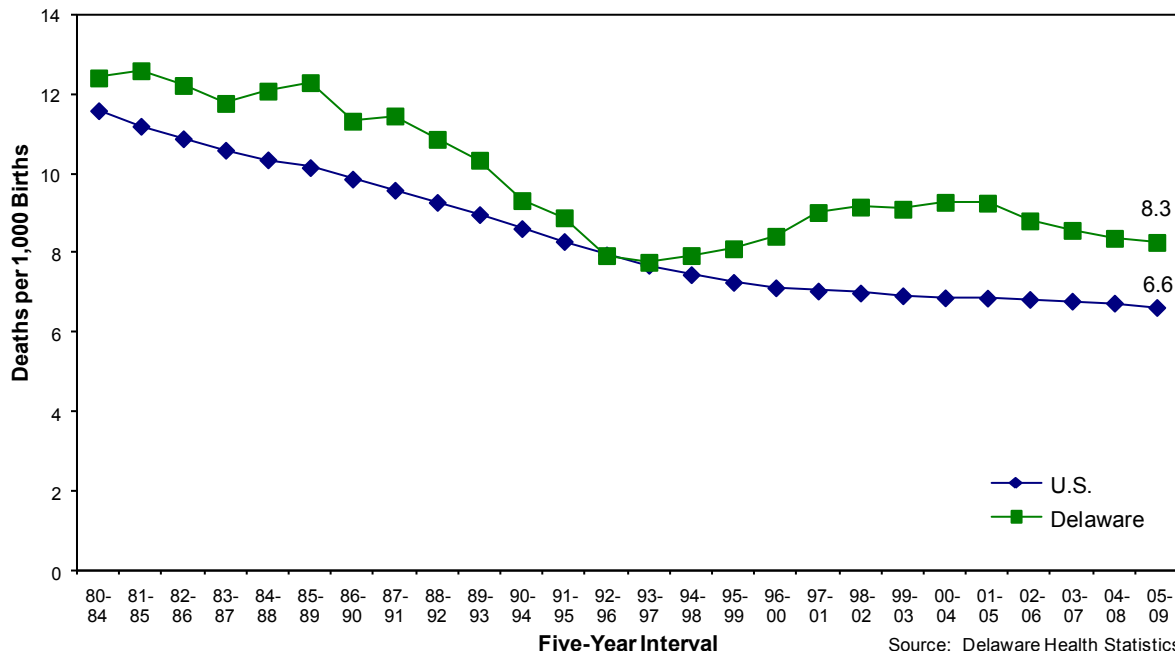
Infant Mortality

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INFANT MORTALITY

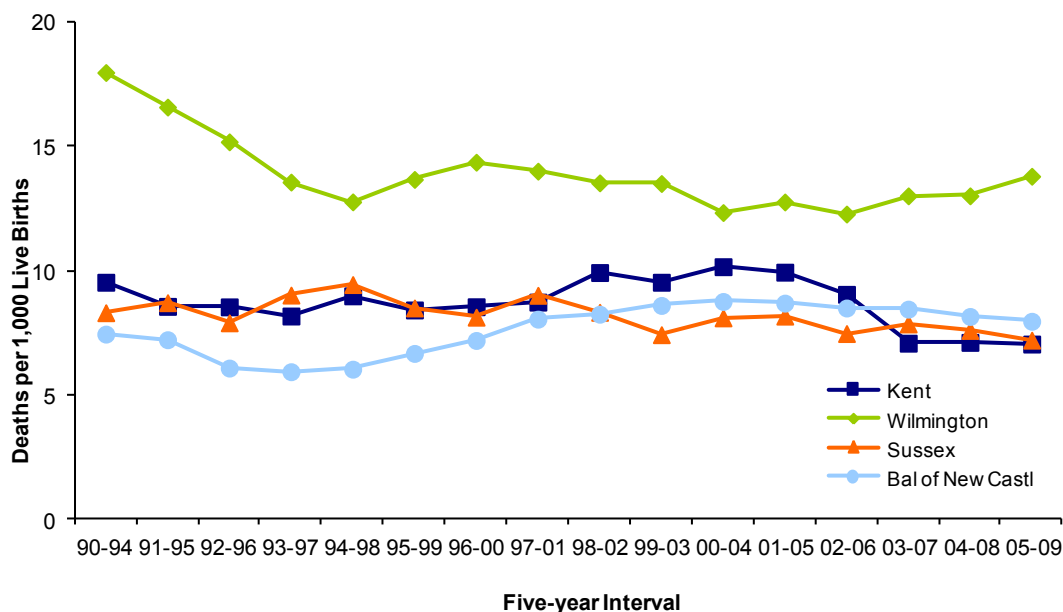
Though Delaware's infant mortality rate (IMR) remained stable between 2004-2008 and 2005-2009, it has declined 11 percent from its 2000-2004 peak of 9.3, to 8.3 infant deaths per 1000 live births in 2005-2009. At 6.6, the U.S. rate remained significantly lower than the Delaware rate.

**Five-year Average Infant Mortality Rates
Delaware and U.S., 1980 - 2009**



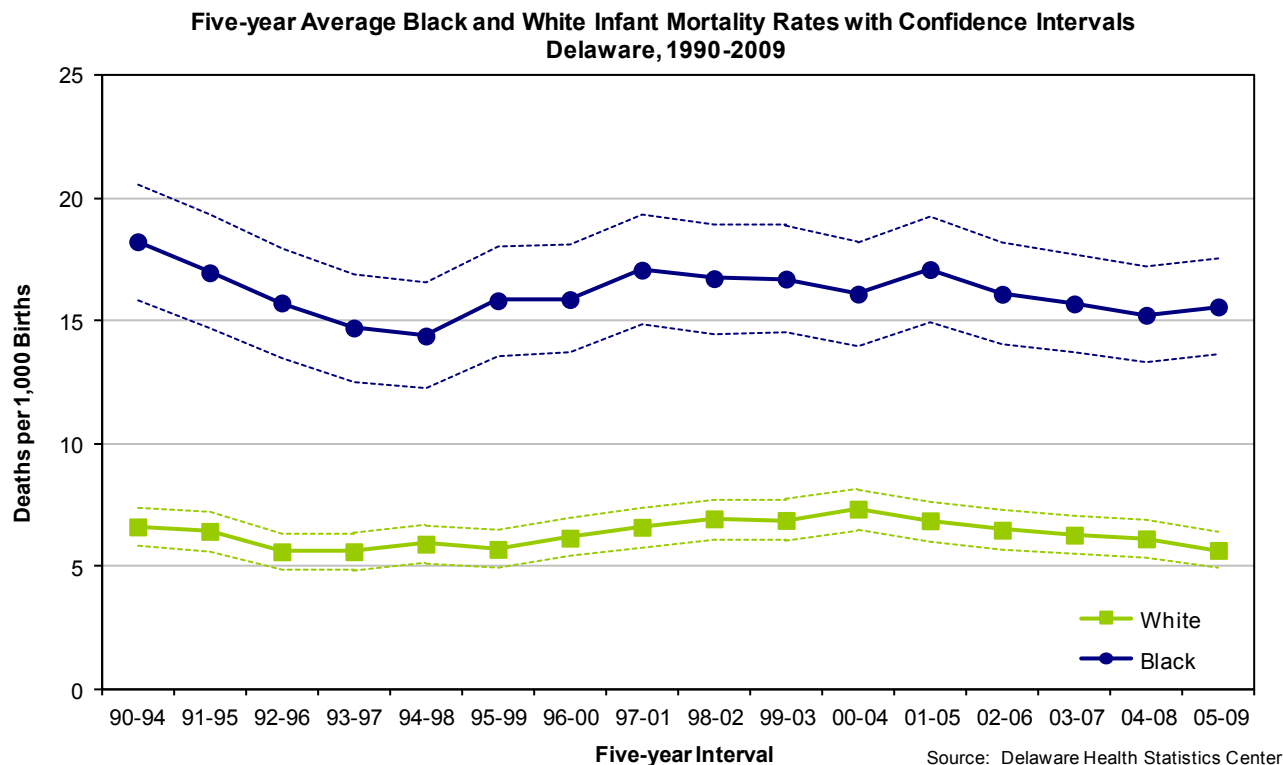
As IMRs for New Castle and Kent Counties changed little between 2004-2008 and 2005-2009, IMRs remained highest in New Castle County (9.0) and lowest in Kent County (7.1). The IMR in Sussex County decreased from 7.6 to 7.2. New Castle County's relative stability masked the rate fluctuations of Wilmington and the balance of New Castle County; Wilmington's IMR rose slightly as the balance of New Castle County's IMR moved downward.

**Five-year Average Infant Mortality Rates
Delaware Counties and City of Wilmington, Delaware, 1990-2009**

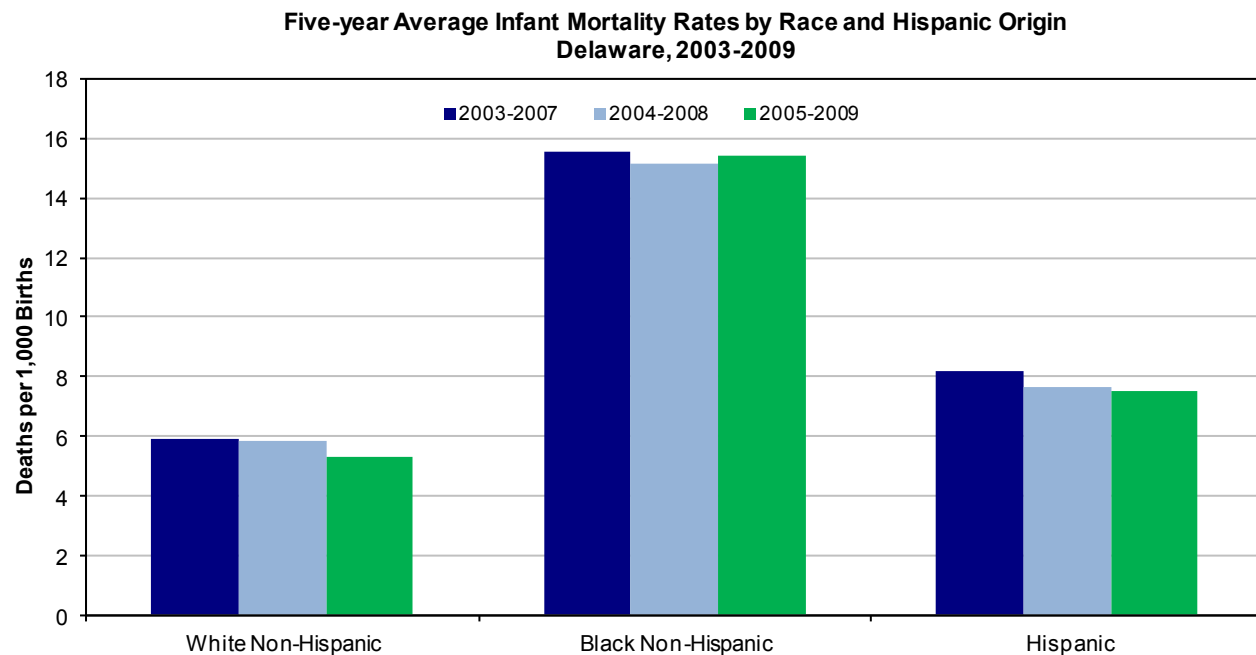


INFANT MORTALITY

As shown in the graph below, black infants experienced significantly higher mortality rates than white infants, and from 1990-1994 to 2005-2009, black IMRs were anywhere from 2.2 to 2.8 times that of white IMRs.



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 15.4 deaths per 1,000 live births in 2005-2009 was nearly 3 times the white non-Hispanic rate of 5.3 and twice the Hispanic rate of 7.5.



Source: Delaware Health Statistics Center

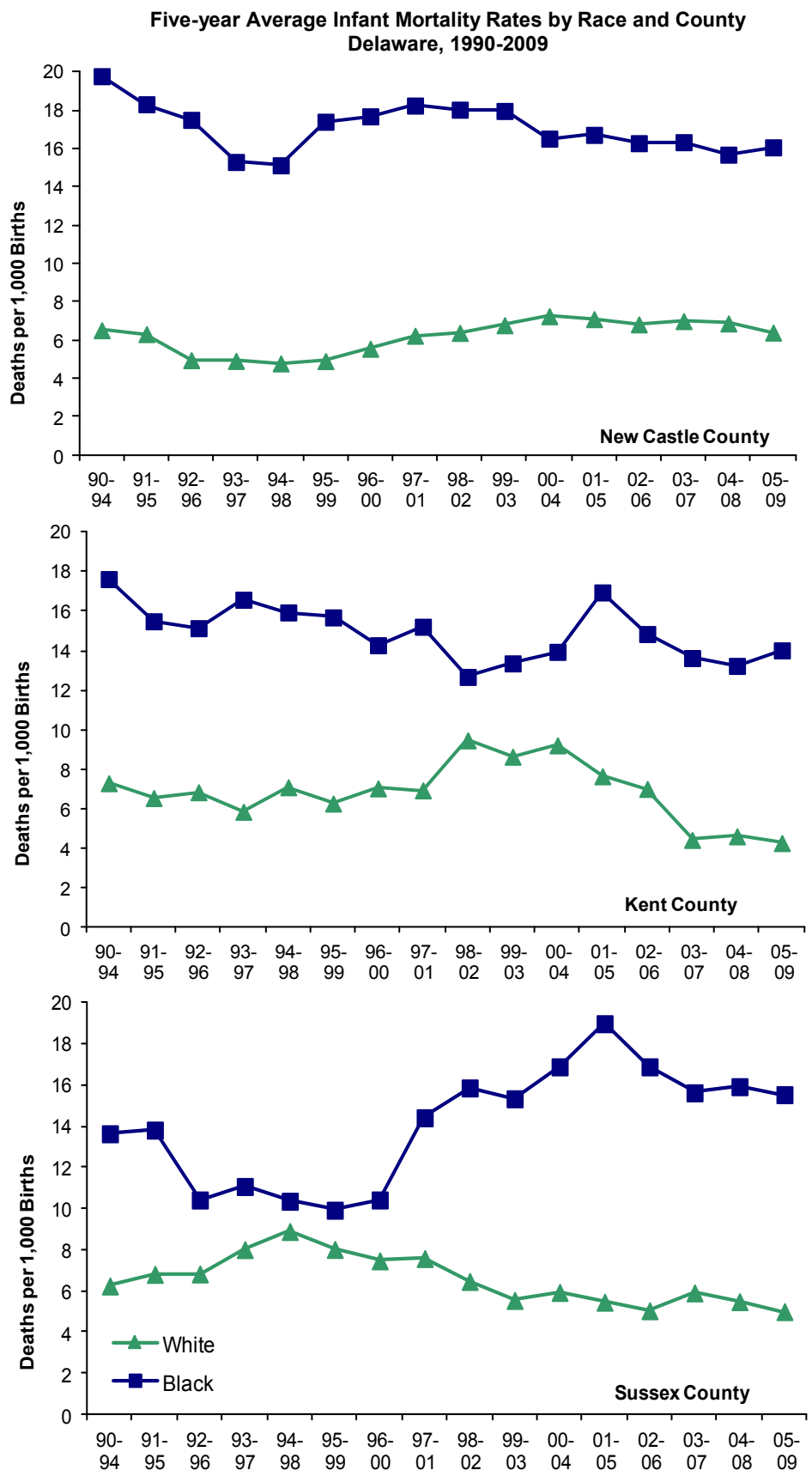
INFANT MORTALITY

Black IMRs were consistently higher than white IMRs in all three counties, for every time period. Disparity ratios¹ were used to gauge the disparity between black and white IMRs. However, as is shown in the graphs to the right, both the disparity ratio and the rates should be considered when examining differences in infant mortality.

Though Kent County had the lowest IMRs for both black and white infants (14.0 and 4.3), it also had the largest black/white disparity ratio; black infants died at a rate 3.3 times that of white infants.

In contrast, New Castle County had the highest IMRs for both black and white infants (16.1 and 6.4), and had the narrowest disparity ratio, at 2.5.

Though both black and white IMRs in Sussex County experienced downward movement from 2004-2008 to 2005-2009, the decrease in white IMRs was larger (an 8.9 percent decline versus 2.4 percent), which widened the disparity ratio to 3.1.



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- Leading Causes of Death

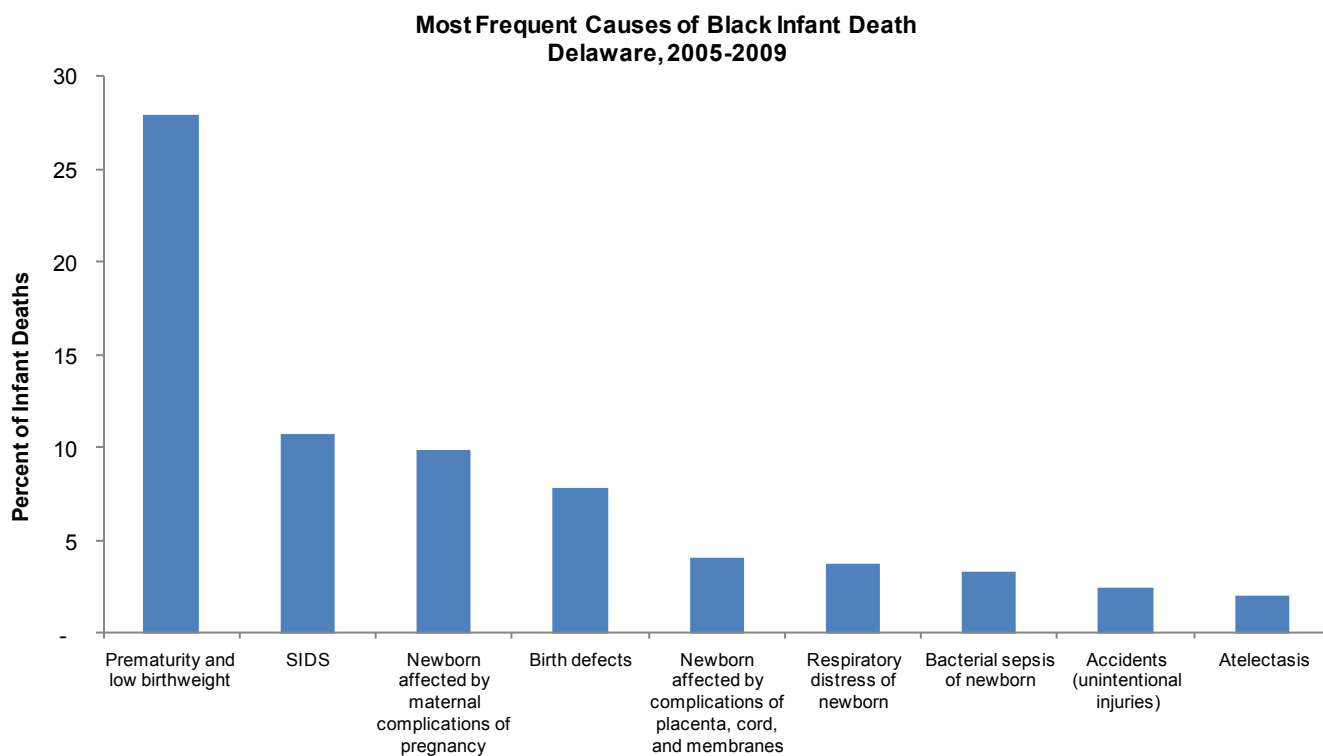
In 2005-2009 the five leading causes of infant death were:

- Disorders related to short gestation and fetal malnutrition (prematurity and low birthweight), which accounted for 24.8 percent of infant deaths,
- Congenital anomalies (birth defects), which accounted for 12.7 percent of infant deaths,
- Newborn affected by maternal complications of pregnancy, which accounted for 9.8 percent of infant deaths. Of the 48 deaths attributed to this cause, 46 were due to the newborn being affected by incompetent cervix and premature rupture of membranes,
- Sudden infant death syndrome (SIDS) accounted for 8 percent, and
- Newborn affected by complications of placenta, cord, and membranes (4.5 percent).

In sum, the five most common causes of infant death accounted for 60 percent, or 292 of the 488 total infant deaths.

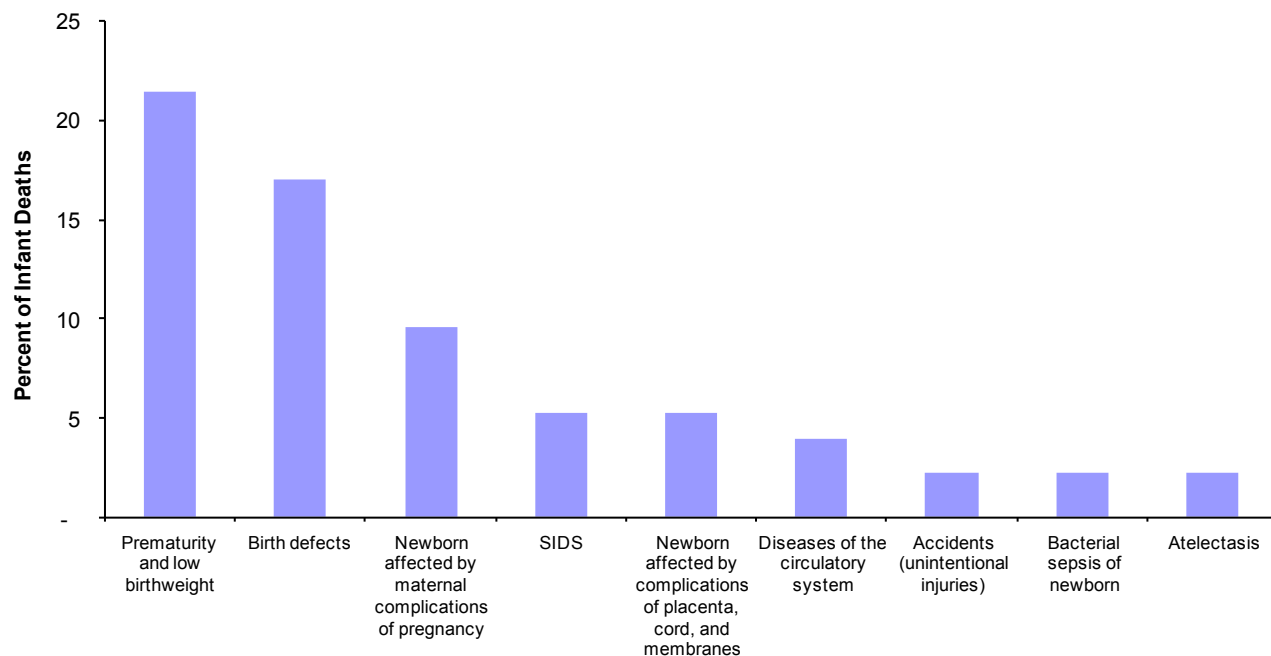
The most frequent causes of death by race are shown in the graphs below and on the following page. Disorders related to short gestation and low birthweight and newborn affected by maternal complications of pregnancy were listed in the top three most frequent causes of death for both black and white infants.

Though the proportions of deaths by race were similar for many of the causes of death, notable exceptions were birth defects and SIDS. While birth defects were responsible for 17 percent of all white infant deaths, they accounted for only 7.8 percent of black infant deaths. Conversely, infant deaths due to SIDS accounted for a larger percentage of black infant deaths than white infant deaths (10.7 versus 5.2 percent)



INFANT MORTALITY- Leading Causes of Death

**Most Frequent Causes of White Infant Death
Delaware, 2005-2009**

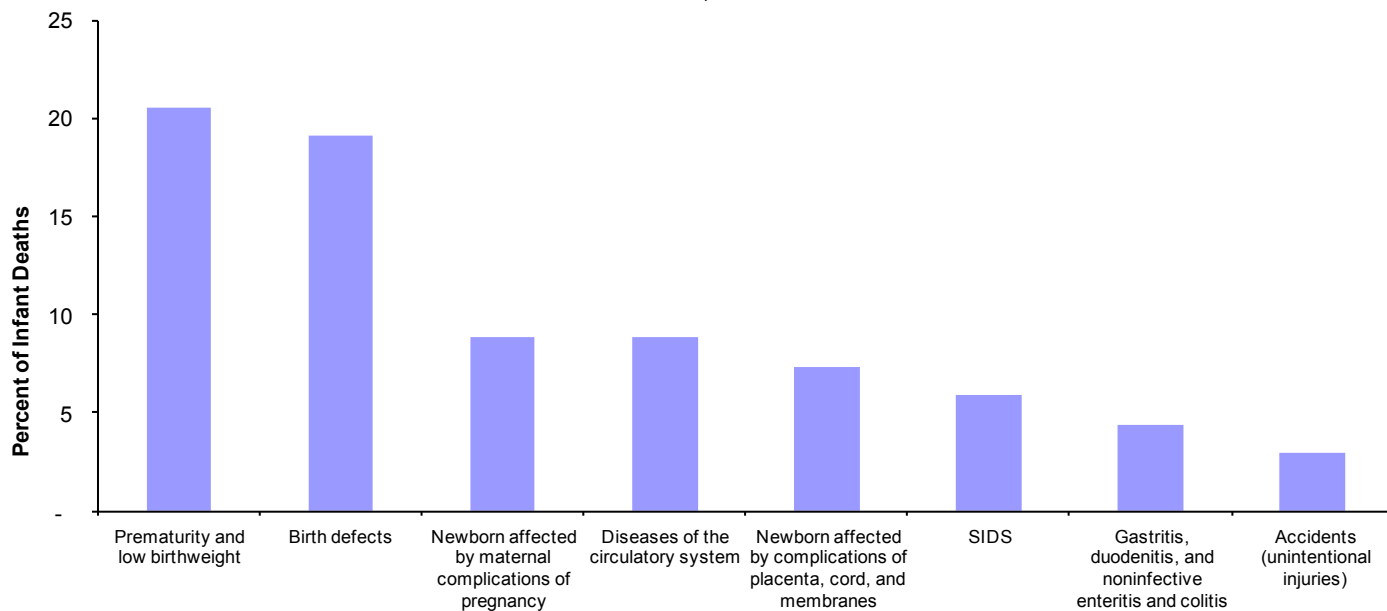


Source: Delaware Health Statistics Center

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, 2005-2009, 15.3 percent of all live births were to Hispanic mothers, and 13.9 percent of all infant deaths were of Hispanic origin.

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

**Most Frequent Causes of Hispanic Infant Death
Delaware, 2005-2009**



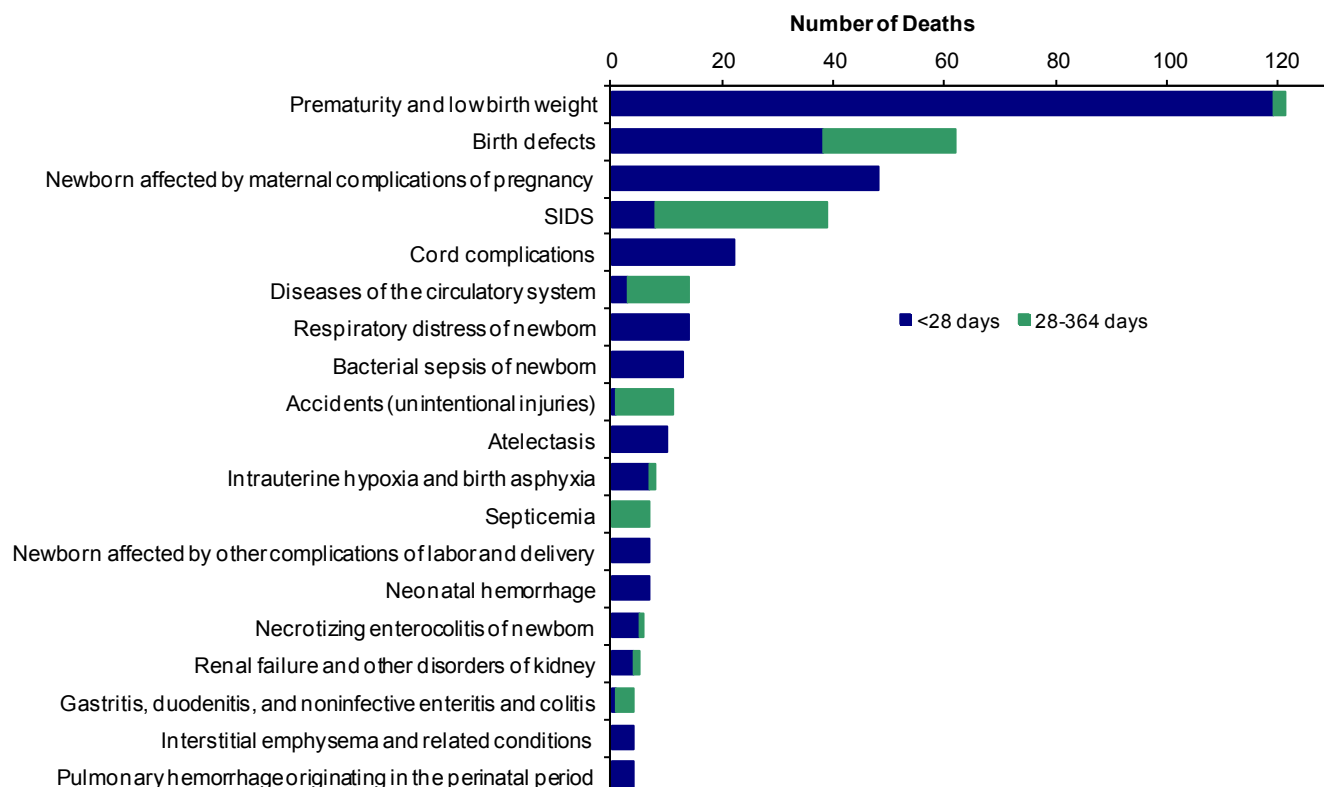
Source: Delaware Health Statistics Center

INFANT MORTALITY - Leading Causes of Death

Approximately 93 percent of all infant deaths occurred within the first six months of life, 72 percent of all infant deaths occurred within the first 28 days of life, and 43 percent occurred within 24 hours of birth.

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

**Most Frequent Causes of Infant Death by Infant's Age Group
Delaware, 2005-2009**



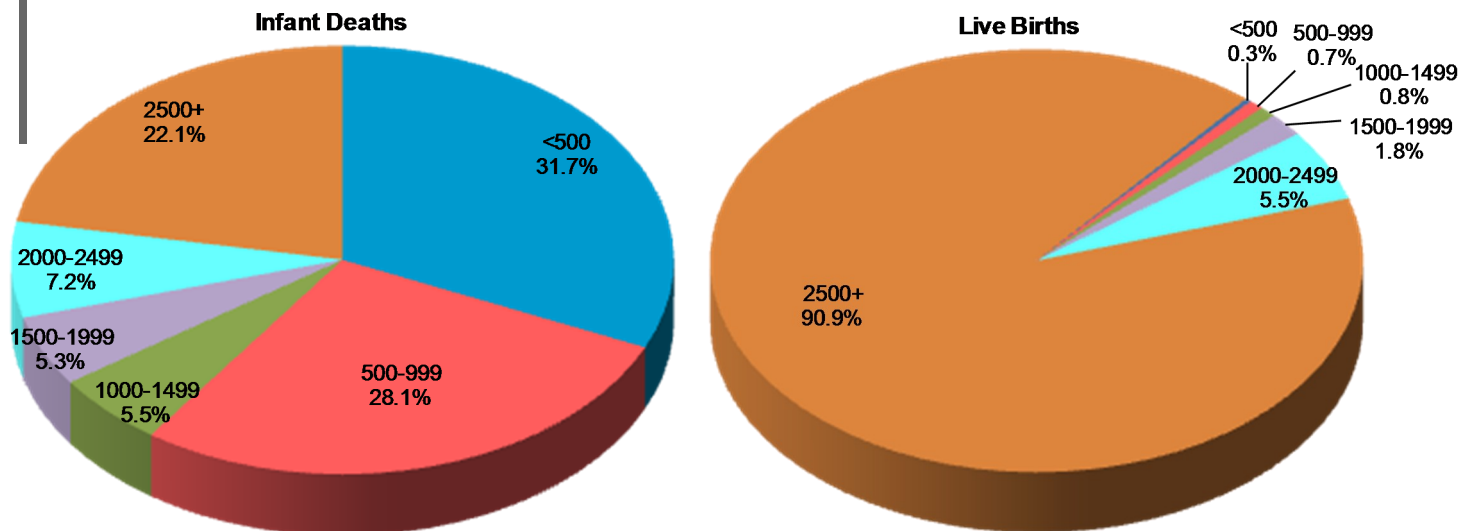
Source: Delaware Health Statistics Center

- Prematurity and low birthweight accounted for the greatest number of infant deaths in 2005-2009; all but two of these deaths occurred in the neonatal period.
- Sudden infant death syndrome (SIDS) was the only one of the top five causes of death that had the majority of deaths occurring in the postneonatal period, with a mean age at death of 102 days.
⇒ 33 percent (13 out of 39) of the SIDS deaths were associated with co-sleeping and/or sleeping on soft surfaces, such as couches and adult beds.
- During that same time period, there were 23 additional infant deaths, coded under a different cause of death, that were associated with co-sleeping and/or sleeping on a soft surface. In total, 7.4 percent of all infant deaths in 2005-2009 were associated with co-sleeping and/or sleeping on a soft surface.

INFANT MORTALITY - Live Birth Cohort

Though only 1 percent of all live births in 2004-2008 were infants weighing less than 1000 grams, they accounted for over half (59.3 percent) of all infant deaths. In total, 9 percent of all live births in 2004-2008 were infants of low birthweight (under 2500 grams) and 77.2 percent of infant deaths were low birthweight.

Distribution by Birthweight, Delaware Live Birth Cohort, 2004-2008

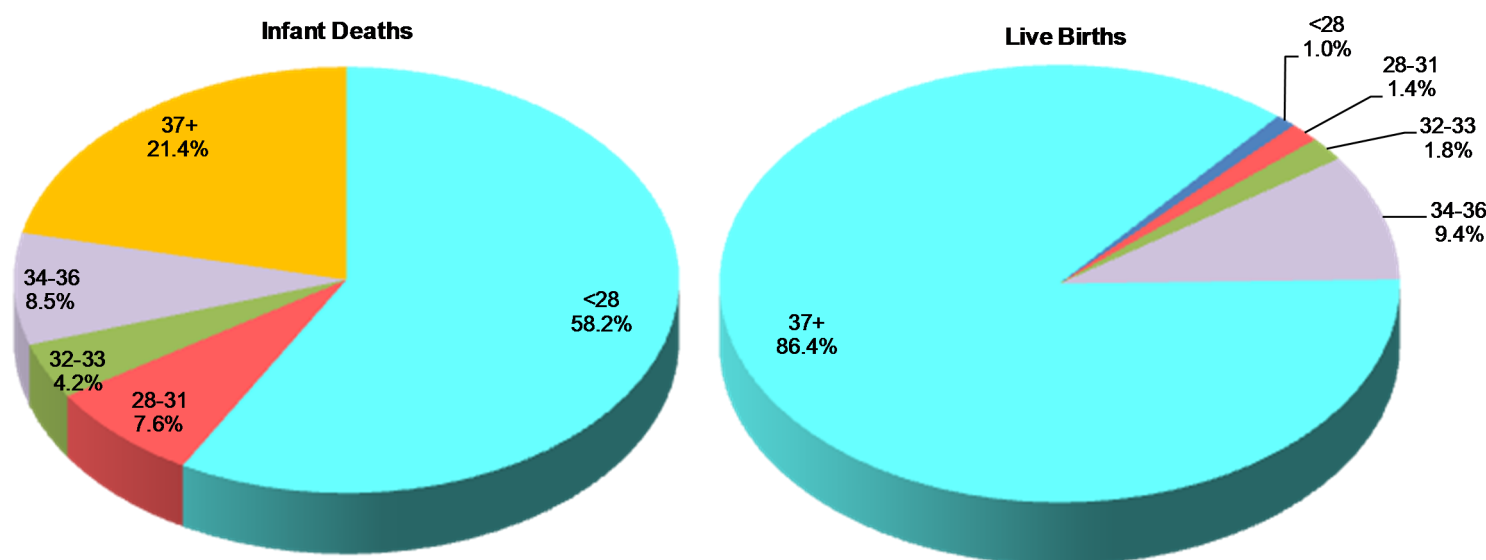


Source: Delaware Health Statistics Center

Gestation and infant death demonstrated the same relationship as birthweight and infant death; infants born at the youngest gestational age made up a very small percentage of live births, yet they accounted for the majority of infant deaths.

One percent of live births in 2004-2008 were less than 28 weeks gestation at birth, but they accounted for 58 percent of all infant deaths. In total, 13.6 percent of all live births in 2004-2008 were born preterm (<37 weeks of gestation) and 78.1 percent of infant deaths were born preterm.

Distribution by Gestation, Delaware Live Birth Cohort, 2004-2008



Source: Delaware Health Statistics Center

INFANT MORTALITY - Live Birth Cohort

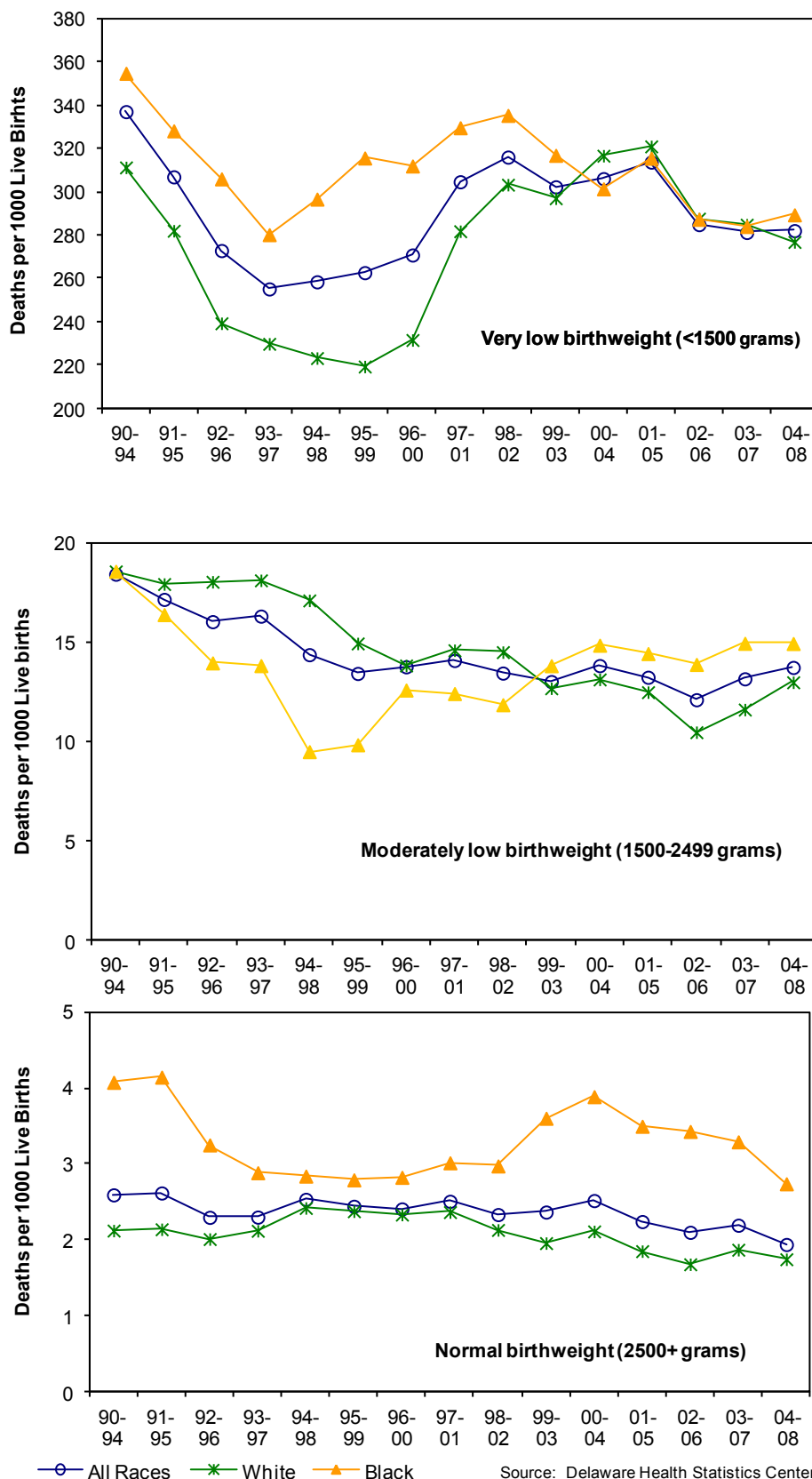
Birthweight and gestation are considered to be the most important predictors of infant health and mortality risk. Infants born too small or too early have a much greater risk of mortality than those who reach a normal birthweight (2500+ grams) or full-term gestation (37+ weeks).

Most recently, IMRs for very low birthweight (VLBW) infants demonstrated no significant change (285 in 2002-2006 to 282 in 2004-2008). In 2004-2008, IMRs for white and black VLBW infants were 277 and 290 infant deaths per 1,000 live births.

What looked like the beginning of a downward trend in moderately LBW IMRs in 2001-2005 and 2002-2006, reversed direction in 2003-2007 and continued to move upward in 2004-2008. As a result, during the last five-year intervals, there was no net change in the rates.

IMRs for normal birthweight infants trended downward between 2000-2004 and 2004-2008. During that time, white IMRs decreased 17 percent and black IMRs decreased by 30 percent. In 2004-2008, the black IMR for normal birthweight infants was 2.7, versus 1.7 for white infant of normal birthweight.

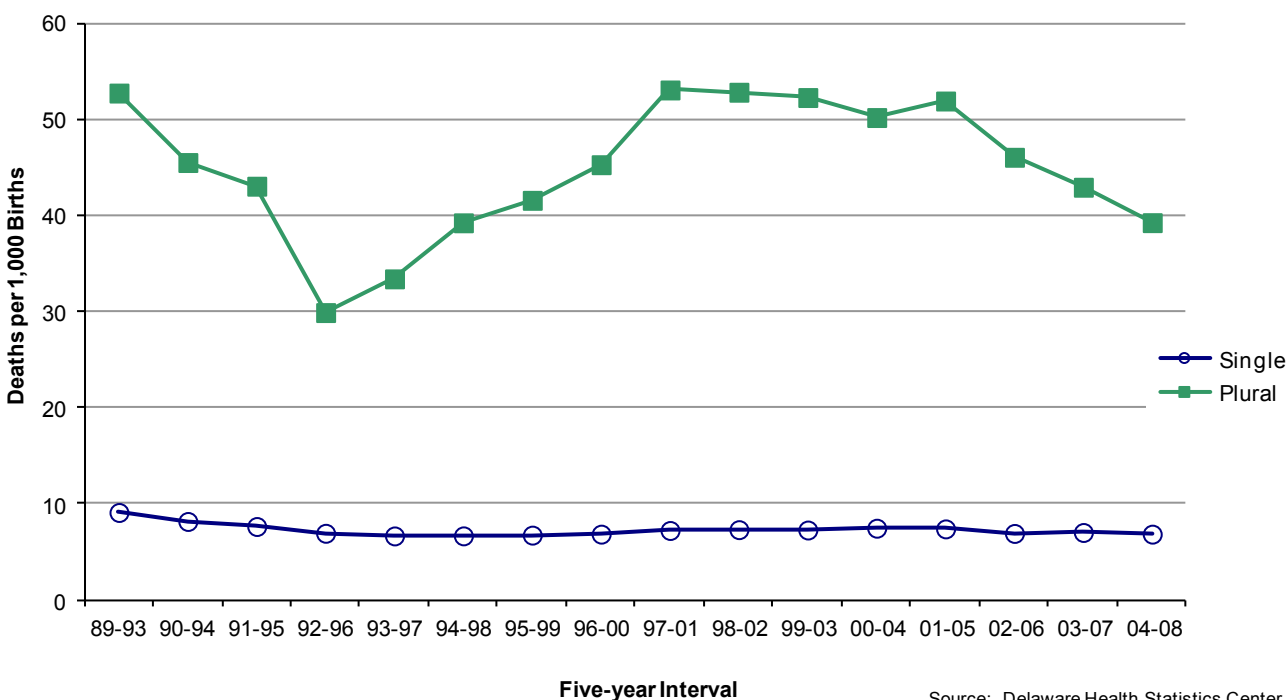
**Five-year Average Infant Mortality Rate by Birthweight and Race
Delaware, 1990-2008 Live Birth Cohort**



INFANT MORTALITY - Live Birth Cohort

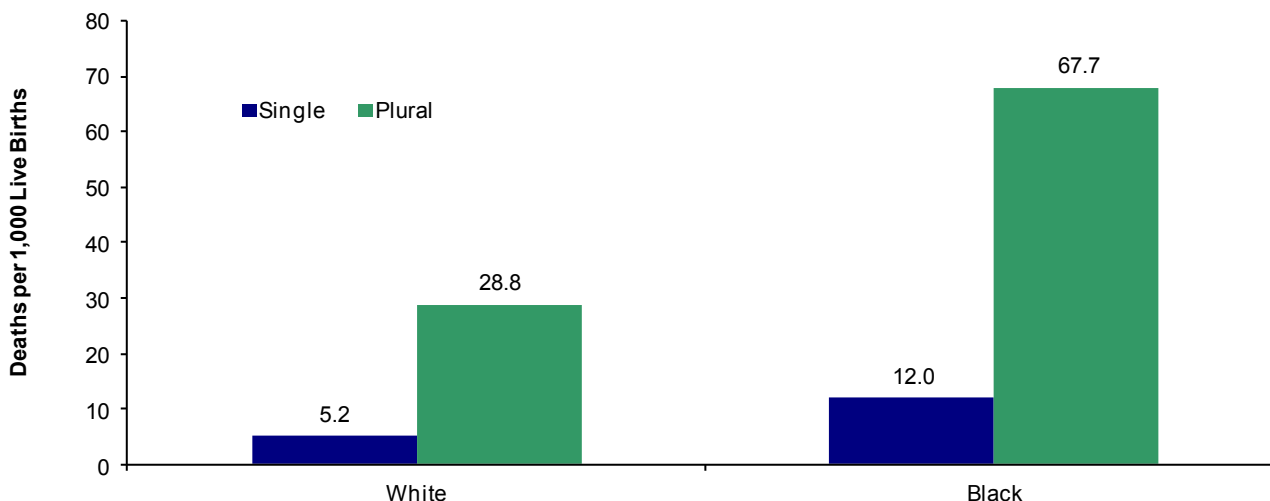
From 1992-1996 to 1997-2001, IMRs for plural births increased 77 percent, to 53.1 deaths per 1000 live births; during the same time, IMRs for singleton births increased by 4 percent. Since then, plural IMRs have decreased 26 percent, with the majority of that occurring in the most recent time period. IMRs for singleton births experienced a slight decrease of only 5 percent. In 2004-2008, the infant mortality rate for plural births was 5.7 times that of singleton births (39.3 versus 6.9).

Five-year Average Infant Mortality Rates by Plurality
Delaware Live Birth Cohort, 1989-2008



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

Five-year Average Infant Mortality Rates by Plurality and Race
Delaware Live Birth Cohort, 2004-2008



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TABLE E-1
NUMBER OF INFANT DEATHS BY RACE

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1992-2009

Area/ Race	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.																		
All Races	34628	33466	31710	29583	28237	28045	28371	27937	28035	27568	28034	28025	27936	28440	28527	29138	28033*	26531*
White	22164	21497	20504	19490	18749	18539	18561	18067	18144	17955	18369	18440	18231	18514	18403	18807	18162	16897
Black	11348	10887	10072	9118	8490	8496	8726	8822	8771	8498	8524	8402	8494	8695	8858	8944	8513	8356
Other	1116	1082	1134	975	998	1010	1084	1048	1120	1115	1141	1183	1211	1231	1266	1387	1358	1278
Delaware																		
All Races	93	94	70	79	77	81	103	81	102	114	96	107	97	106	99	91	101	91
White	44	44	40	46	43	42	54	31	65	60	57	53	51	48	50	52	49	30
Black	49	50	27	32	32	36	49	49	37	53	35	53	44	55	44	38	52	54
Other	0	0	3	1	2	3	0	1	0	1	4	1	2	3	5	1	0	7
Kent																		
All Races	19	11	15	18	17	14	18	10	21	19	27	16	17	21	13	9	18	18
White	12	5	10	10	11	4	13	4	16	10	22	8	8	6	7	4	10	6
Black	7	6	5	7	6	10	5	6	5	9	5	8	8	14	5	4	8	12
Other	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0
New Castle																		
All Races	66	68	37	45	48	48	65	61	67	72	55	78	60	68	68	60	70	57
White	29	32	20	24	21	26	27	22	40	37	30	37	33	35	31	33	32	18
Black	37	36	15	21	26	20	38	38	27	35	22	40	27	31	35	27	38	34
Other	0	0	2	0	1	2	0	1	0	0	3	1	0	2	2	0	0	5
Wilmington																		
All Races	27	24	15	11	19	14	18	20	16	17	12	18	12	18	16	17	19	18
White	4	4	3	2	1	4	2	4	4	2	2	4	4	3	2	3	7	0
Black	23	20	11	9	18	10	16	16	12	15	10	14	8	15	14	14	12	16
Other	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Balance of NC County																		
All Races	39	44	22	34	29	34	47	41	51	55	43	60	48	50	52	43	51	39
White	25	28	17	22	20	22	25	18	36	35	28	33	29	32	29	30	25	18
Black	14	16	4	12	8	10	22	22	15	20	12	26	19	16	21	13	26	18
Other	0	0	1	0	1	2	0	1	0	0	3	1	0	2	2	0	0	3
Sussex																		
All Races	8	15	18	16	12	19	20	10	14	23	14	13	20	17	18	22	13	16
White	3	7	10	12	11	12	14	5	9	13	5	8	10	7	12	15	7	6
Black	5	8	7	4	0	6	6	5	5	9	8	5	9	10	4	7	6	8
Other	0	0	1	0	1	1	0	0	0	1	1	0	1	0	2	0	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

INFANT1

TABLE E-2
NUMBER OF NEONATAL DEATHS BY RACE

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1992-2009

Area/ Race	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.																		
All Races	21849	21174	20250	19155	18326	18524	18918	18728	18776	18265	18749	18893	18593	18770	18989	19058	18154*	17298*
White	13915	13506	13100	12644	12252	12269	12406	12164	12201	12013	12354	12495	12238	12239	12302	12333	11820*	11083*
Black	7296	7044	6499	5940	5483	5637	5824	5920	5843	5585	5646	5640	5495	5740	5876	5842	5483*	5393*
Other	638	624	651	571	591	618	688	644	732	667	749	758	860	791	811	883	851*	822*
Delaware																		
All Races	64	69	48	47	53	55	74	58	71	82	79	75	63	79	72	65	68	66
White	33	33	28	26	28	26	33	21	45	44	48	36	33	36	36	37	32	19
Black	31	36	18	20	24	27	41	37	26	37	28	38	28	40	33	28	36	40
Other	0	0	2	1	1	2	0	0	0	1	3	1	2	3	3	0	0	7
Kent																		
All Races	11	6	7	10	13	10	9	8	15	15	22	8	11	14	7	6	12	14
White	9	2	3	6	7	1	6	3	11	10	18	3	5	3	4	3	7	4
Black	2	4	4	3	6	9	3	5	4	5	4	5	5	10	3	3	5	10
Other	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
New Castle																		
All Races	47	56	28	26	33	33	47	44	50	54	47	56	39	54	52	43	48	42
White	21	27	17	12	14	19	15	14	29	27	26	27	21	28	22	23	20	13
Black	26	29	9	14	18	13	32	30	21	27	19	28	18	24	28	20	28	24
Other	0	0	2	0	1	1	0	0	0	0	2	1	0	2	2	0	0	5
Wilmington																		
All Races	19	17	10	6	14	6	12	14	13	14	9	10	9	15	12	10	10	14
White	3	2	3	0	1	3	1	2	4	1	1	1	3	3	1	1	3	0
Black	16	15	6	6	13	3	11	12	9	13	8	9	6	12	11	9	7	12
Other	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Balance of NC County																		
All Races	28	39	18	20	19	27	35	30	37	40	38	46	30	39	40	33	38	28
White	18	25	14	12	13	16	14	12	25	26	25	26	18	25	21	22	17	13
Black	10	14	3	8	5	10	21	18	12	14	11	19	12	12	17	11	21	12
Other	0	0	1	0	1	1	0	0	0	0	2	1	0	2	2	0	0	3
Sussex																		
All Races	6	7	13	11	7	12	18	6	6	13	10	11	13	11	13	16	8	10
White	3	4	8	8	7	6	12	4	5	7	4	6	7	5	10	11	5	2
Black	3	3	5	3	0	5	6	2	1	5	5	5	5	6	2	5	3	6
Other	0	0	0	0	0	1	0	0	0	1	1	0	1	0	1	0	0	2

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

INFANT2

TABLE E-3
NUMBER OF POSTNEONATAL DEATHS BY RACE

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1992-2009

Area/ Race	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.																		
All Races	12779	12292	11460	10428	9911	9521	9453	9209	9259	9303	9285	9132	9343	9670	9538	10080	9879*	9233*
White	8249	7991	7404	6846	6497	6270	6155	5903	5943	5942	6015	5945	5993	6275	6101	6474	6342*	5814*
Black	4052	3843	3573	3178	3007	2859	2902	2902	2928	2913	2878	2762	2999	2955	2982	3102	3030*	2963*
Other	478	458	483	404	407	392	396	404	388	448	392	425	351	440	455	504	507*	456*
Delaware																		
All Races	29	25	22	32	24	26	29	23	31	32	17	32	34	27	27	26	33	25
White	11	11	12	20	15	16	21	10	20	16	9	17	18	12	14	15	17	11
Black	18	14	9	12	8	9	8	12	11	16	7	15	16	15	11	10	16	14
Other	0	0	1	0	1	1	0	1	0	0	1	0	0	0	2	1	0	0
Kent																		
All Races	8	5	8	8	4	4	9	2	6	4	5	8	6	7	6	3	6	4
White	3	3	7	4	4	3	7	1	5	0	4	5	3	3	3	1	3	2
Black	5	2	1	4	0	1	2	1	1	4	1	3	3	4	2	1	3	2
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
New Castle																		
All Races	19	12	9	19	15	15	18	17	17	18	8	22	21	14	16	17	22	15
White	8	5	3	12	7	7	12	8	11	10	4	10	12	7	9	10	12	5
Black	11	7	6	7	8	7	6	8	6	8	3	12	9	7	7	7	10	10
Other	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
Wilmington																		
All Races	8	7	5	5	5	8	6	6	3	3	3	8	3	3	4	7	9	4
White	1	2	0	2	0	1	1	2	0	1	1	3	1	0	1	2	4	0
Black	7	5	5	3	5	7	5	4	3	2	2	5	2	3	3	5	5	4
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County																		
All Races	11	5	4	14	10	7	12	11	14	15	5	14	18	11	12	10	13	11
White	7	3	3	10	7	6	11	6	11	9	3	7	11	7	8	8	8	5
Black	4	2	1	4	3	0	1	4	3	6	1	7	7	4	4	2	5	6
Other	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
Sussex																		
All Races	2	8	5	5	5	7	2	4	8	10	4	2	7	6	5	6	5	6
White	0	3	2	4	4	6	2	1	4	6	1	2	3	2	2	4	2	4
Black	2	5	2	1	0	1	0	3	4	4	3	0	4	4	2	2	3	2
Other	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0

Notes:

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

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

INFANT3

TABLE E- 4
FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2009

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	2003 -2007	2004 -2008	2005 -2009
U.S.																	
All Races	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	6.8	6.7	6.6
White	7.3	7.0	6.8	6.5	6.4	6.2	6.0	5.9	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.5
Black	17.5	17.0	16.4	15.8	15.3	14.8	14.6	14.4	14.2	14.3	14.2	14.0	14.0	13.8	13.6	13.3	13.1
Delaware																	
All Races	10.3+	9.3	8.9	7.9	7.8	7.9	8.1+	8.4+	9.0+	9.2+	9.1+	9.3+	9.3+	8.8+	8.6+	8.4+	8.3+
White	7.5	6.6	6.4	5.6-	5.6	5.9	5.7	6.2	6.6	6.9+	6.9+	7.3+	6.9+	6.5	6.3	6.1	5.7
Black	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+	15.7+	15.3	15.6+
Kent																	
All Races	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	7.1	7.1	7.1
White	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	4.4	4.6	4.3
Black	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	14.9	13.6	13.2	14.0
New Castle																	
All Races	10.7	9.5	9.0	7.8	7.3	7.3	7.9	8.5	9.1	9.2	9.5	9.4	9.4	9.2	9.2	9.0	9.0
White	7.5	6.5	6.3	5.0	4.9	4.8	4.9	5.6	6.2	6.4	6.8	7.3	7.1	6.8	7.0	6.9	6.4
Black	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	16.3	15.7	16.1
Wilmington																	
All Races	19.4	18.0	16.6	15.2	13.6	12.8	13.7	14.4	14.0	13.5	13.5	12.4	12.8	12.3	13.0	13.0	13.8
White	11.2	9.7	10.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	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	17.2	16.3	18.0
Balance of NC County																	
All Races	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	8.5	8.2	8.0
White	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	7.0	6.7	6.4
Black	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	15.8	15.3	14.9
Sussex																	
All Races	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	7.9	7.6	7.2
White	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	5.9	5.5	5.0
Black	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	15.6	15.9	15.6

Notes:

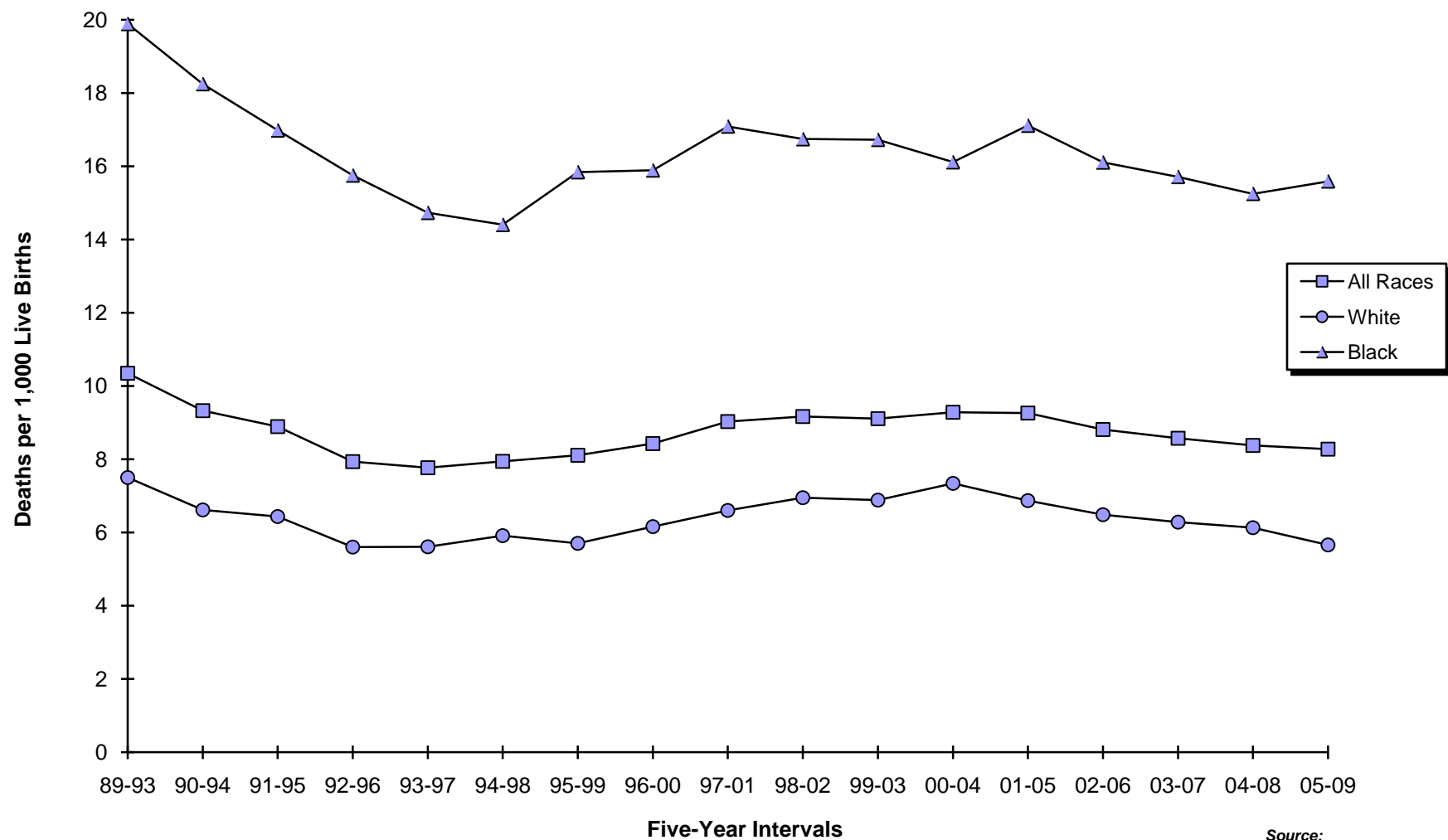
1. 2004-2008 and 2005-2009 U.S. data are based on NCHS estimates.
2. Infant mortality rates represent the number of deaths of children under one year of age per 1000 live births.
3. '+' indicates that the Delaware rate is significantly higher than the U.S. rate.
'-' indicates that the Delaware rate is significantly lower than the U.S. rate.
4. "----" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

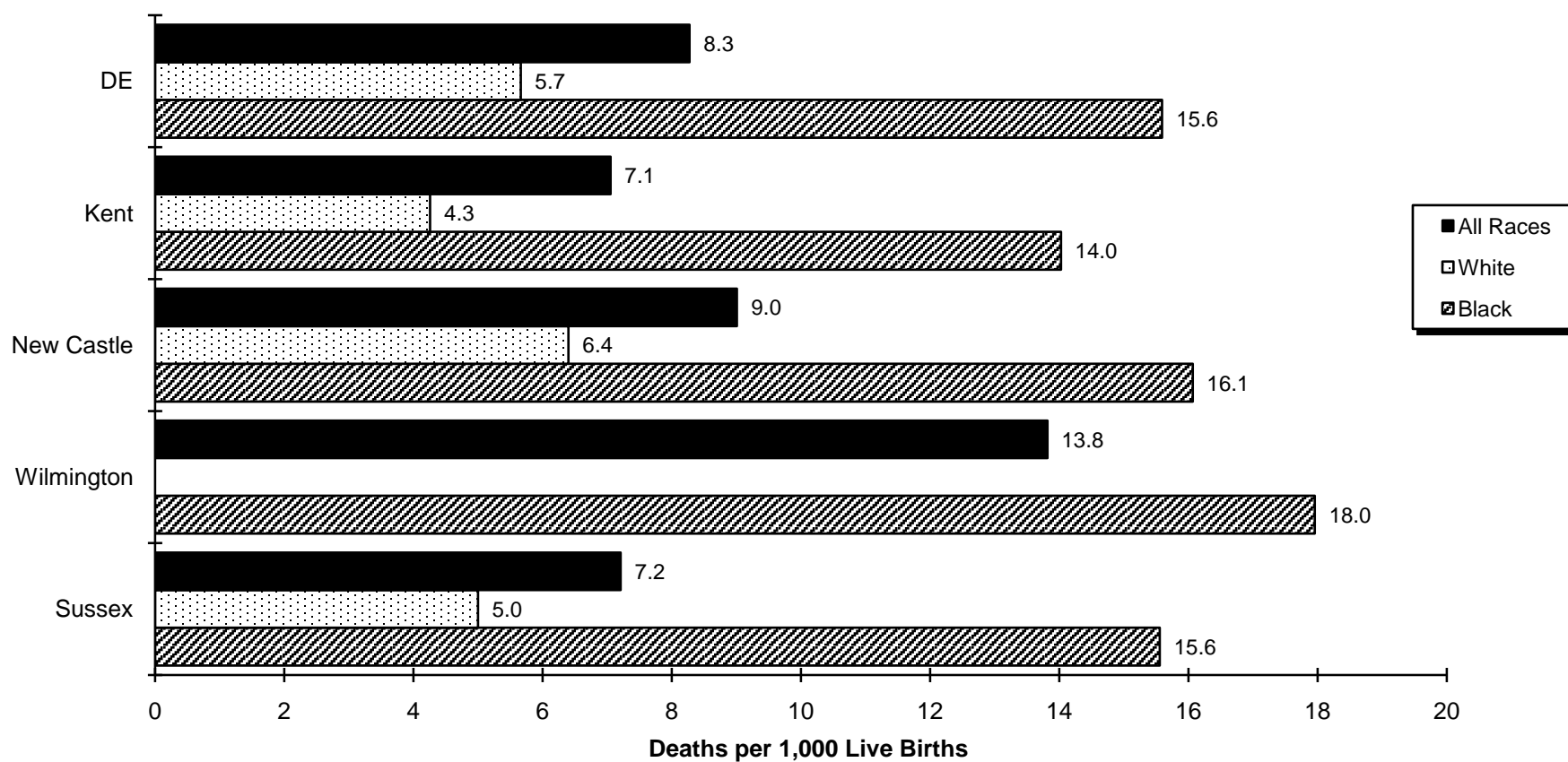
INFANT4

Figure E-1
Five-Year Average Infant Mortality Rates by Race
Delaware, 1989-2009



Source:
Delaware Health Statistics Center

Figure E-2
Five-Year Average Infant Mortality Rates by Race
Delaware, Counties and the City of Wilmington, 2005-2009



Source:
Delaware Health Statistics Center

TABLE E-5
FIVE-YEAR AVERAGE NEONATAL MORTALITY RATES BY RACE

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2009

Area/ Race	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	2003 -2007	2004 -2008	2005 -2009
U.S.																
All Races	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	4.5	4.4	4.3
White	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.6
Black	10.9	10.6	10.2	9.9	9.7	9.6	9.5	9.5	9.5	9.5	9.3	9.2	9.1	9.0	8.7	8.5
Delaware																
All Races	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+	6.1+	5.9+	5.9+
White	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+	4.4	4.3	4.0
Black	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+	11.2+	10.8+	11.4+
Kent																
All Races	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	4.3	4.6	4.7
White	4.4	3.6	3.8	---	3.4	3.4	4.1	4.6	7.0	6.5	6.8	5.5	4.5	---	2.9	2.7
Black	10.0	---	---	12.7	12.1	12.0	12.1	11.3	8.9	9.3	9.2	11.2	10.0	9.1	8.8	10.1
New Castle																
All Races	6.9	6.4	5.6	5.2	5.0	5.4	6.1	6.6	6.9	7.1	7.0	7.1	6.9	6.8	6.5	6.7
White	4.8	4.6	3.6	3.6	3.1	3.0	3.7	4.3	4.5	5.0	5.3	5.3	5.1	5.0	4.8	4.6
Black	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	12.0	11.7	12.1
Wilmington																
All Races	12.7	11.1	10.5	8.7	8.0	8.7	9.8	9.7	10.1	9.8	9.1	9.5	8.9	9.0	8.9	9.6
White	8.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	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	12.5	11.6	12.9
Balance of NC County																
All Races	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	6.3	6.0	6.0
White	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	5.1	4.8	4.7
Black	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	11.8	11.8	11.6
Sussex																
All Races	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	5.6	5.2	4.9
White	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	4.4	4.1	3.5
Black	8.3	---	---	---	---	---	---	---	---	---	9.9	12.1	10.8	10.3	9.3	9.8

INFANT5

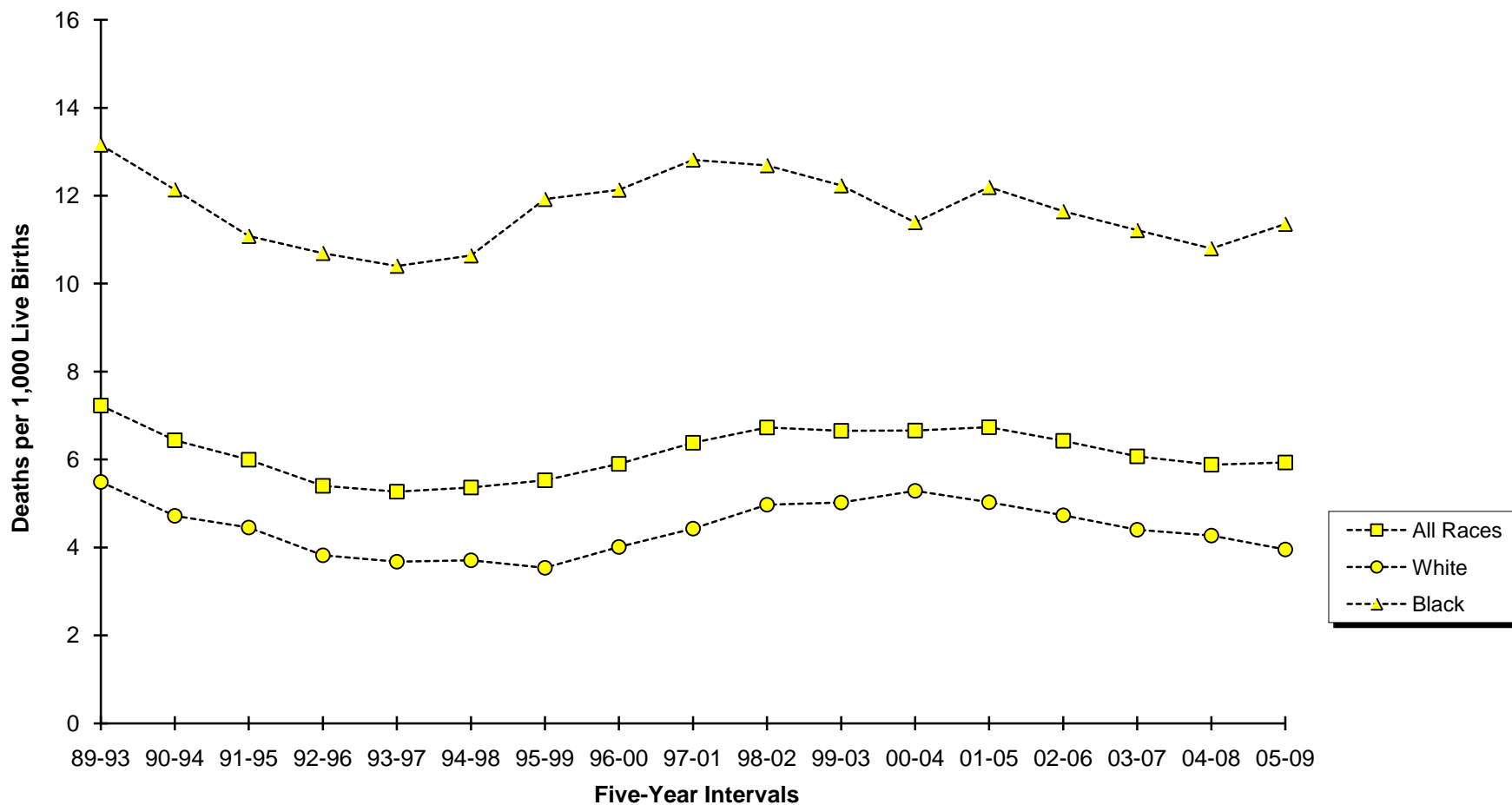
Notes:

1. 2004-2008 and 2005-2009 U.S. data are based on NCHS estimates.
2. Neonatal mortality rates represent the number of deaths of children under 28 days of age per 1000 live births.
3. '+' indicates that the Delaware rate is significantly higher than the U.S. rate.
4. "----" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

Figure E-3
Five-Year Average Neonatal Mortality Rates by Race
Delaware, 1989-2009



Source:
Delaware Health Statistics Center

TABLE E-6
FIVE-YEAR AVERAGE POSTNEONATAL MORTALITY RATES BY RACE
U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1989-2009

Area/ Race	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	2003 -2007	2004 -2008	2005 -2009
U.S.																
All Races	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	2.3	2.3	2.3
White	2.6	2.5	2.4	2.3	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Black	6.0	5.8	5.6	5.4	5.1	5.0	4.8	4.8	4.8	4.7	4.8	4.8	4.7	4.6	4.6	4.5
Delaware																
All Races	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	2.5	2.5	2.3
White	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	1.9	1.9	1.7
Black	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	4.5	4.5	4.2
Kent																
All Races	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	2.8	2.6	2.3
White	2.9	3.0	3.0	3.1	3.7	---	2.9	---	---	---	---	---	---	---	---	---
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Castle																
All Races	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	2.5	2.5	2.3
White	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	2.0	2.1	1.8
Black	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	4.3	4.0	4.0
Wilmington																
All Races	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	4.0	4.1	4.2
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	7.5	7.3	6.3	6.5	6.6	6.3	6.2	5.5	---	---	---	---	---	---	---	5.1
Balance of NC County																
All Races	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	2.2	2.1	1.9
White	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	1.9	2.0	1.7
Black	---	---	---	---	---	---	---	---	---	4.0	4.4	4.4	4.0	4.0	3.5	3.3
Sussex																
All Races	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	2.3	2.4	2.3
White	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

INFANT6

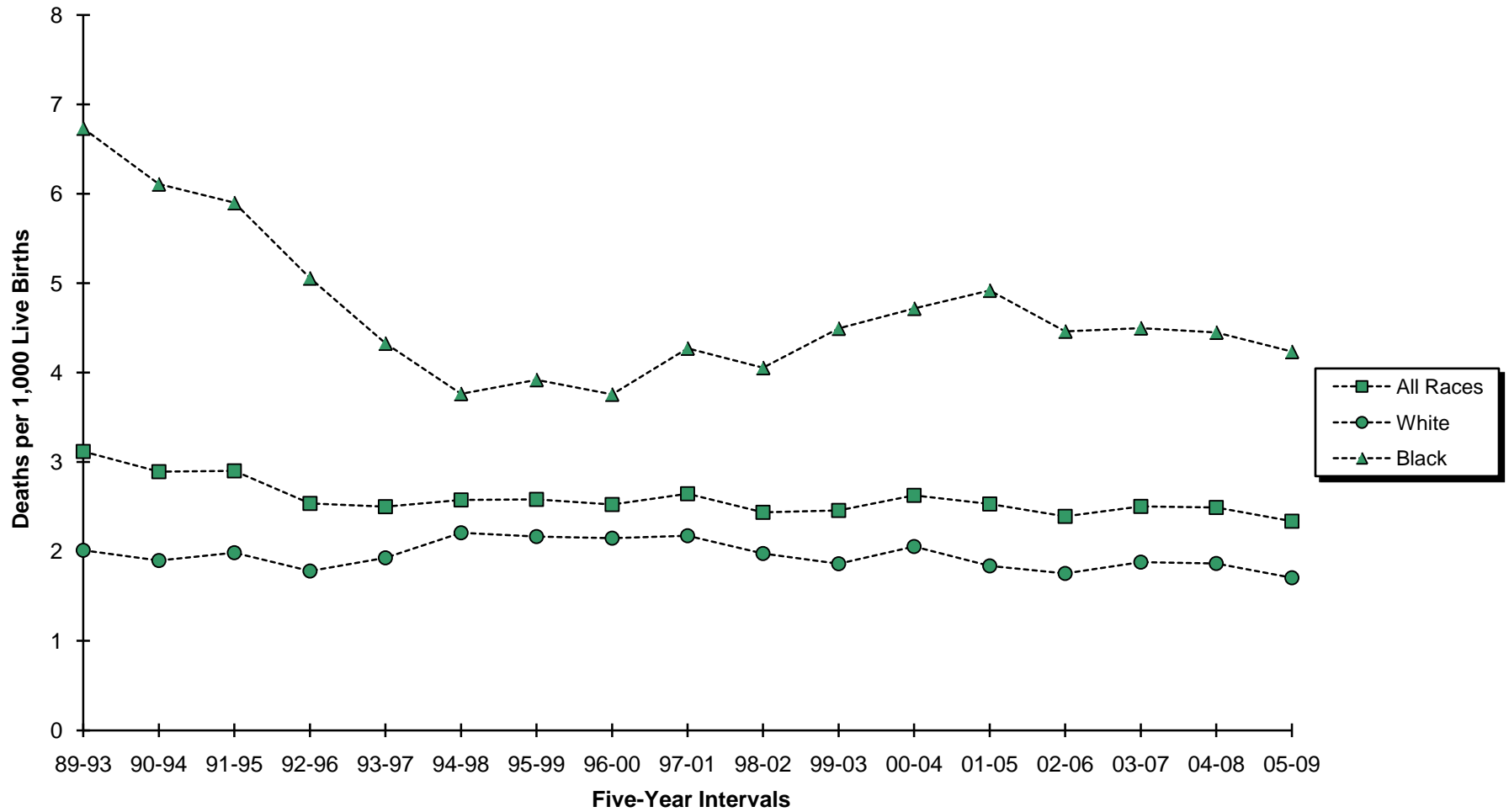
Notes:

1. 2004-2008 and 2005-2009 U.S. data are based on NCHS estimates.
2. Postneonatal mortality rates represent the number of deaths of children 28 to 364 days of age per 1000 live births.
3. '-' indicates that the Delaware rate is significantly lower than the U.S. rate.
4. "----" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

Sources:

National Center for Health Statistics
Delaware Health Statistics Center

Figure E-4
Five-Year Average Postneonatal Mortality Rates by Race
Delaware, 1989-2009



Source:
Delaware Health Statistics Center

TABLE E-7
FIVE-YEAR AVERAGE INFANT MORTALITY
RATES BY SELECTED RISK MARKERS AND RACE OF MOTHER

DELAWARE, 2004-2008 LIVE BIRTH COHORT

Risk Factor	Race		
	All Races	White	Black
Birth Weight of Child			
<2500	68.1	59.1	83.4
<1500	282.2	276.9	289.5
1500-2499	13.8	13.0	15.0
2500+	1.9	1.7	2.7
Age of Mother			
<20	11.1	8.8	14.7
20-24	9.4	7.1	14.1
25-29	8.1	6.2	14.3
30+	6.2	4.6	13.7
Marital Status of Mother			
Married	5.4	4.3	11.7
Single	11.3	8.7	15.1
Education of Mother			
<12 years	10.3	8.5	15.0
H.S. diploma	9.9	7.0	15.5
1+ years college	5.5	4.2	11.0
Trimester Care Received			
Late/No PNC ²	13.2	9.4	22.2
First	7.8	5.9	13.7
Interval Since Last Live Birth			
<18 months	10.3	6.9	16.9
18+ months	6.2	4.5	11.1

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-8
LEADING CAUSES OF INFANT DEATH BY GESTATIONAL AGE CATEGORY
DELAWARE, 2004-2008 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	114	0	1	2	117	97.4	97.4
Congenital malformations, deformations, and chromosomal abnormalities	22	16	23	0	61	36.1	62.3
Newborn affected by maternal complications of pregnancy	37	3	0	0	40	92.5	100.0
Sudden infant death syndrome	2	10	28	0	40	5.0	30.0
Newborn affected by complications of placenta, cord, and membranes	24	0	1	0	25	96.0	96.0
Respiratory distress of newborn	16	0	0	0	16	100.0	100.0
Bacterial sepsis of newborn	12	1	1	0	14	85.7	92.9
Diseases of the circulatory system	2	4	7	0	13	15.4	46.2
Accidents (unintentional injuries)	2	4	4	0	10	20.0	60.0
Atelectasis	9	0	0	0	9	100.0	100.0
Septicemia	4	1	2	0	7	57.1	71.4
Intrauterine hypoxia and birth asphyxia	5	1	1	0	7	71.4	85.7
Neonatal hemorrhage	6	0	0	0	6	100.0	100.0
Gastritis, duodenitis, and noninfective enteritis and colitis	5	0	0	0	5	100.0	100.0
Newborn affected by other complications of labor and delivery	5	0	0	0	5	100.0	100.0
Interstitial emphysema & related conditions	5	0	0	0	5	100.0	100.0
Hernia of abdominal cavity and intestinal obstruction without hernia	0	1	3	0	4	0.0	25.0
Renal failure and other disorders of kidney	3	1	0	0	4	75.0	100.0
Pulmonary hemorrhage originating in the perinatal period	4	0	0	0	4	100.0	100.0
Necrotizing enterocolitis of newborn	3	1	0	0	4	75.0	100.0
All other causes	30	17	30	1	78	38.5	60.3
TOTAL	310	60	101	3	474	65.4	78.1

INFLCOD

Notes:

1. Leading causes of infant death are categorized using NCHS rankable causes of infant death, specific ICD-10 codes are shown in Appendix D.
2. Very preterm is defined as less than 32 weeks of gestation.
3. Moderately preterm is defined as between 32 and 36 weeks of gestation.
4. Term is defined as 37 and greater weeks of gestation.
5. The percent born preterm includes both the very preterm and moderately preterm groups.

Source:

Delaware Health Statistics Center

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

DELAWARE LIVE BIRTH COHORT, 1989-2008

Parameter/ Race	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008
BIRTHWEIGHT															
2500+															
All Races	2.8	2.6	2.6	2.3	2.3	2.5	2.4	2.4	2.5	2.3	2.5	2.2	2.1	2.2	1.9
White	2.3	2.1	2.1	2.0	2.1	2.4	2.4	2.3	2.4	2.1	2.1	1.9	1.7	1.9	1.7
Black	4.7	4.1	4.1	3.3	2.9	2.8	2.8	2.8	3.0	3.0	3.9	3.5	3.4	3.3	2.7
<2500															
All Races	94.4	83.8	76.4	68.7	65.4	64.8	66.5	69.5	75.2	76.4	73.1	74.5	68.8	67.7	68.1
White	82.6	69.9	66.3	58.4	56.9	55.4	53.9	55.9	63.2	68.7	68.8	68.4	62.3	59.6	59.1
Black	110.9	102.9	91.1	85.3	78.9	78.8	86.0	88.2	93.7	90.5	83.0	88.0	80.4	81.7	83.4
<1500															
All Races	364.7	337.3	307.1	272.9	255.2	258.5	262.7	270.9	304.8	316.2	306.2	313.9	285.0	281.3	282.2
White	361.0	311.4	282.1	239.3	229.8	223.2	219.3	231.5	281.9	303.4	316.8	321.2	287.7	284.9	276.9
Black	366.2	355.0	328.4	306.1	280.3	296.8	315.8	312.1	329.8	335.5	301.5	315.7	287.4	284.1	289.5
GESTATION															
37+ weeks															
All Races	3.0	2.6	2.7	2.3	2.4	2.6	2.6	2.5	2.5	2.3	2.4	2.2	2.1	2.2	2.0
White	2.5	2.1	2.3	2.2	2.3	2.6	2.6	2.4	2.3	2.1	2.0	1.7	1.7	1.9	1.8
Black	4.7	3.9	3.8	2.8	2.8	2.8	2.7	2.8	3.1	2.9	4.0	3.4	3.2	3.3	2.7
<37 weeks															
All Races	68.2	62.9	56.2	50.3	47.1	45.6	45.9	48.2	53.0	54.3	52.6	53.5	48.3	46.3	46.2
White	58.9	51.3	45.6	38.1	37.2	35.4	33.6	35.7	41.8	45.5	46.5	45.2	39.2	36.5	35.4
Black	81.5	79.8	73.4	72.3	65.3	64.1	69.6	70.5	73.5	72.5	67.7	72.7	67.8	66.5	67.9
<32 weeks															
All Races	267.6	260.6	238.6	212.4	196.5	199.8	201.3	214.9	238.1	249.6	239.4	249.1	228.9	216.9	216.9
White	283.3	259.5	231.0	186.3	177.7	179.4	174.0	191.5	228.4	249.2	244.0	248.3	215.8	196.8	187.7
Black	254.4	258.2	242.8	239.1	215.4	222.2	235.6	238.7	250.4	255.4	239.8	259.4	248.4	244.9	253.6
PLURALITY															
Single															
All Races	9.1	8.2	7.7	7.0	6.7	6.7	6.8	6.9	7.3	7.3	7.5	7.4	6.9	7.0	6.9
White	6.1	5.4	5.4	5.0	5.0	5.1	5.1	4.9	5.2	5.4	5.6	5.4	4.9	5.2	5.2
Black	18.8	16.8	14.8	13.3	12.1	11.5	12.2	12.9	13.4	13.4	13.5	13.6	12.8	12.6	12.0
Plural															
All Races	52.8	45.6	43.1	30.0	33.5	39.3	41.6	45.4	53.1	52.9	50.3	52.0	46.1	43.0	39.3
White	49.8	41.9	37.9	24.5	28.9	30.4	28.6	35.1	43.4	48.0	49.2	49.9	42.6	35.8	28.8
Black	65.2	---	---	---	---	68.7	84.6	73.0	80.7	68.5	54.1	64.6	59.1	63.5	67.7
SMOKING DURING PREGNANCY															
No															
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	7.8	7.5	7.3
White	6.7	5.5	5.4	5.0	5.3	5.2	5.3	5.3	5.7	5.8	6.2	6.1	5.8	5.6	5.3
Black	17.1	15.9	15.0	13.4	12.6	12.7	14.0	14.3	15.3	14.8	14.3	14.7	13.5	13.3	13.1
Yes															
All Races	13.4	13.3	12.1	10.3	9.2	10.6	10.6	11.3	13.4	15.1	14.8	15.1	13.1	13.6	13.0
White	8.7	9.5	9.6	8.2	7.4	9.4	9.3	9.8	12.2	14.2	13.3	13.0	9.9	10.5	10.5
Black	31.1	27.4	21.3	18.6	16.2	15.3	16.3	17.3	18.0	18.9	19.5	22.0	23.2	23.2	20.6

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

DELAWARE LIVE BIRTH COHORT, 1989-2008

Parameter/ Race	1989 -1993	1990 -1994	1991 -1995	1992 -1996	1993 -1997	1994 -1998	1995 -1999	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2001 -2005	2002 -2006	2003 -2007	2004 -2008
EDUCATION															
HS Grad or less															
All Races	11.8	10.6	10.4	9.5	9.4	9.9	10.4	10.3	11.1	11.5	11.4	11.1	10.6	10.8	10.1
White	8.4	7.4	7.6	6.9	7.2	8.0	8.0	7.8	8.4	9.1	8.8	8.7	8.1	8.3	7.7
Black	19.8	17.8	16.8	15.7	14.3	14.3	15.8	15.6	16.8	16.9	17.2	17.2	16.5	16.3	15.3
1+ yrs college															
All Races	7.2	6.5	5.7	5.0	4.9	4.9	4.9	5.5	6.1	6.0	6.0	6.3	5.6	5.3	5.5
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	4.4	4.0	4.2
Black	18.1	16.9	13.0	9.9	10.2	10.5	11.8	13.5	13.9	12.6	12.2	12.0	10.7	10.5	11.0
PRENATAL CARE ATTAINMENT															
First															
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	7.8	7.8	7.8
White	6.7	5.6	5.5	5.1	5.1	5.3	5.5	5.8	6.2	6.4	6.2	6.4	5.9	5.8	5.9
Black	19.9	18.0	15.0	13.5	12.3	12.6	14.2	14.6	15.2	14.8	15.0	14.5	13.9	14.0	13.7
Late or no															
All Races	26.4	23.8	27.2	24.0	25.2	21.9	19.4	15.5	20.1	21.7	25.8	25.4	20.5	17.1	13.2
White	20.8	24.3	29.6	20.5	24.9	22.3	16.7	11.5	17.4	19.6	24.2	19.7	15.6	12.7	9.4
Black	31.1	24.3	26.3	28.5	25.5	21.5	21.2	19.0	23.0	25.8	30.6	38.0	31.7	27.4	22.2
PAYMENT FOR DELIVERY															
Medicaid															
All Races	NA	NA	11.7	10.1	10.0	10.3	10.9	9.9	10.6	10.1	9.5	10.2	9.5	10.3	10.1
White	NA	NA	8.5	7.3	7.9	8.8	9.1	7.7	8.6	8.3	7.1	7.7	7.0	8.0	8.0
Black	NA	NA	15.4	13.8	12.9	12.7	13.6	13.1	13.8	13.0	13.3	14.7	13.8	14.2	13.8
Private Insurance															
All Races	NA	NA	6.1	5.5	5.3	5.5	5.7	6.5	6.8	7.4	7.7	7.5	7.2	6.5	6.1
White	NA	NA	4.8	4.4	4.2	4.2	4.3	4.9	5.2	5.7	5.9	5.7	5.3	4.7	4.4
Black	NA	NA	14.1	12.6	11.6	12.8	13.7	14.8	15.6	16.5	17.1	17.0	16.4	15.2	14.8

Notes:

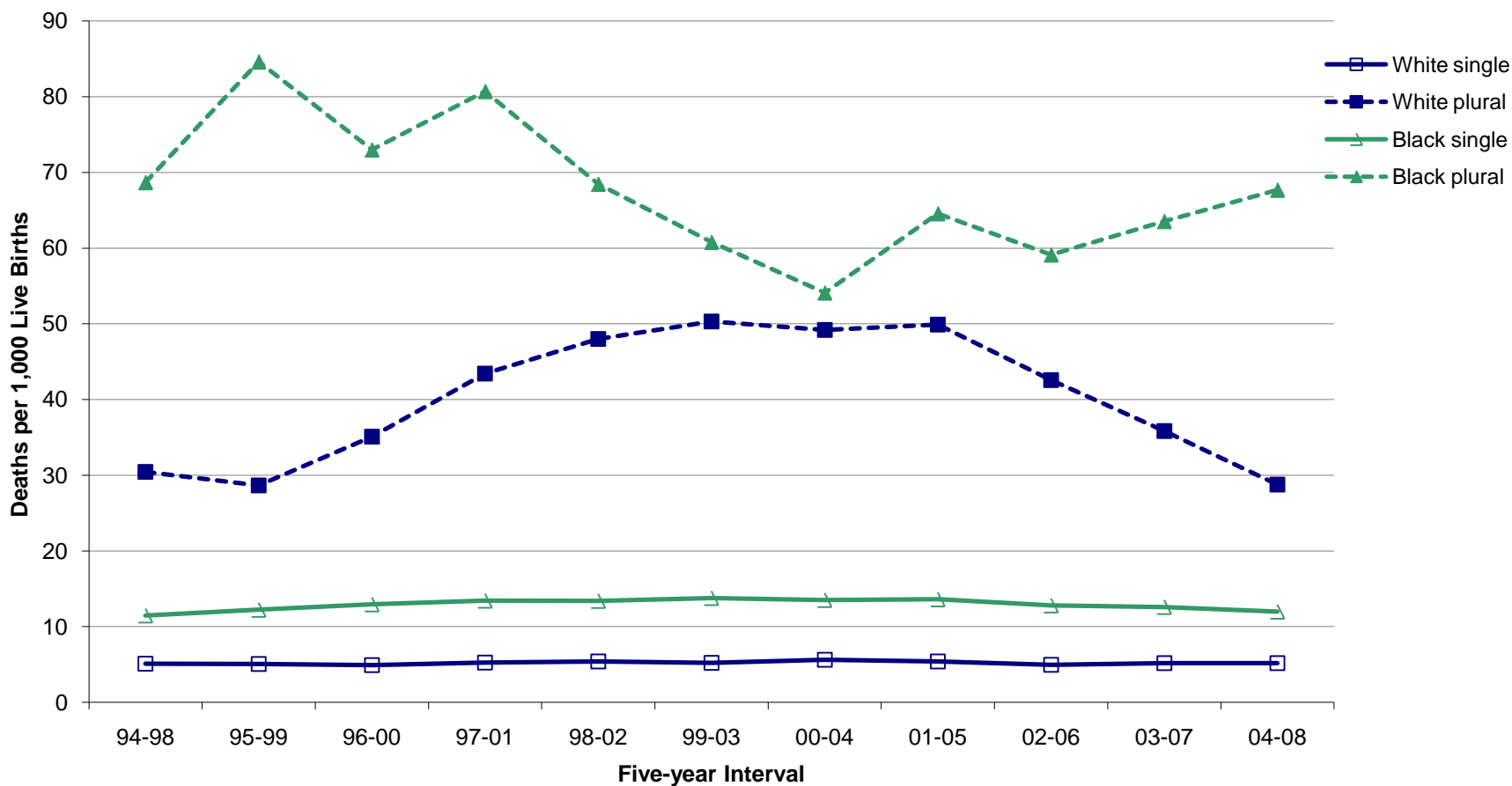
1. See the Basic Definitions section for definitions of birthweight, gestation, prenatal care attainment, and plurality.
2. "—" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.
3. Primary source of payment for delivery not available prior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

Source:

Delaware Health Statistics Center

COTREND

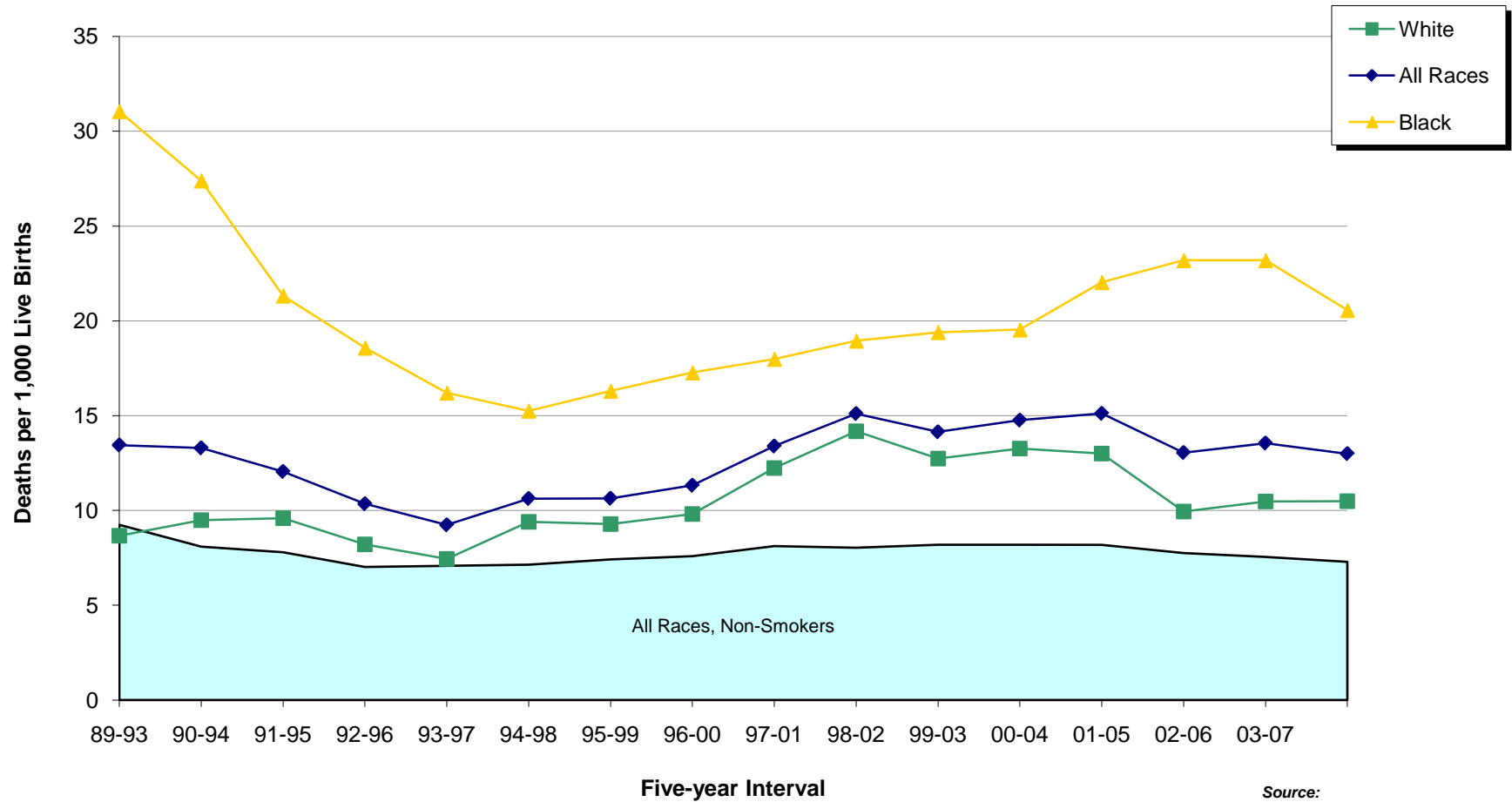
Figure E-5
Five-year Average Infant Mortality Rates by Race and Plurality
Delaware, 1994-2008 Live Birth Cohort



Source:
Delaware Health Statistics Center

Figure E-6
Five-year Average Infant Mortality Rates by Race of Mothers who Smoked during
Pregnancy versus all Non-smoking Mothers

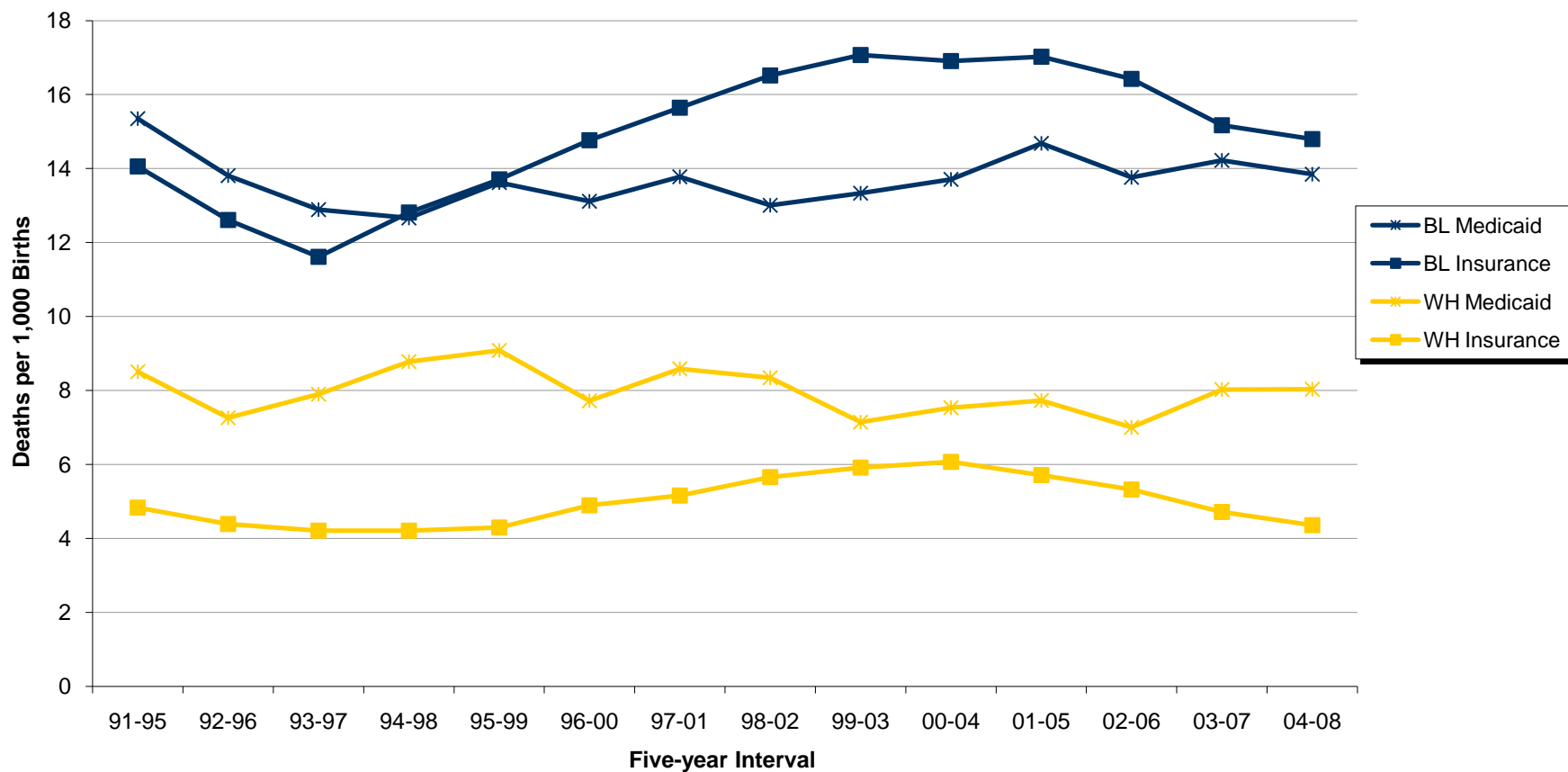
Delaware, 1989-2008 Live Birth Cohort



Source:
Delaware Health Statistics Center

Figure E-7
Five-year Average Infant Mortality Rates by Race and
Source of Payment for Delivery

Delaware, 1991-2008 Live Birth Cohort



Source:
Delaware Health Statistics Center

TABLE E-10
NUMBER OF INFANT DEATHS BY PLURALITY, BIRTH WEIGHT IN GRAMS, RACE OF MOTHER AND SEX OF CHILD
DELAWARE, 2004-2008 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
All Births	474	254	220	244	135	109	216	113	103	14	6
<2500	366	189	177	176	96	80	178	88	90	12	5
<1500	307	165	142	144	85	59	154	77	77	9	3
<500	149	79	70	53	35	18	91	43	48	5	1
500-999	132	68	64	73	38	35	56	29	27	3	1
1000-1499	26	18	8	18	12	6	7	5	2	1	1
1500-1999	25	10	15	14	5	9	10	4	6	1	1
2000-2499	34	14	20	18	6	12	14	7	7	2	1
2500+	104	62	42	66	38	28	36	23	13	2	1
2500-2999	39	25	14	28	18	10	10	7	3	1	0
3000-3499	37	20	17	18	7	11	18	12	6	1	1
3500-3999	18	9	9	11	5	6	7	4	3	0	0
4000-4499	6	5	1	6	5	1	0	0	0	0	0
4500+	4	3	1	3	3	0	1	0	1	0	0
Unknown	4	3	1	2	1	1	2	2	0	0	0
Single Births	391	208	183	203	108	95	176	95	81	12	5
<2500	288	146	142	136	70	66	141	72	69	11	4
<1500	234	125	109	105	60	45	120	62	58	9	3
<500	115	59	56	38	25	13	72	33	39	5	1
500-999	98	52	46	53	26	27	42	25	17	3	1
1000-1499	21	14	7	14	9	5	6	4	2	1	1
1500-1999	24	9	15	14	5	9	10	4	6	0	0
2000-2499	30	12	18	17	5	12	11	6	5	2	1
2500+	100	60	40	65	37	28	34	22	12	1	1
2500-2999	36	24	12	27	17	10	9	7	2	0	0
3000-3499	36	19	17	18	7	11	17	11	6	1	1
3500-3999	18	9	9	11	5	6	7	4	3	0	0
4000-4499	6	5	1	6	5	1	0	0	0	0	0
4500+	4	3	1	3	3	0	1	0	1	0	0
Unknown	3	2	1	2	1	1	1	1	0	0	0
Plural Births	83	46	37	41	27	14	40	18	22	2	1
<2500	78	43	35	40	26	14	37	16	21	1	1
<1500	73	40	33	39	25	14	34	15	19	0	0
<500	34	20	14	15	10	5	19	10	9	0	0
500-999	34	16	18	20	12	8	14	4	10	0	0
1000-1499	5	4	1	4	3	1	1	1	0	0	0
1500-1999	1	1	0	0	0	0	0	0	0	1	1
2000-2499	4	2	2	1	1	0	3	1	2	0	0
2500+	4	2	2	1	1	0	2	1	1	1	0
2500-2999	3	1	2	1	1	0	1	0	1	1	0
3000-3499	1	1	0	0	0	0	1	1	0	0	0
3500-3999	0	0	0	0	0	0	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	1	1	0	0	0	0	1	1	0	0	0

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

Source:
Delaware Health Statistics Center

PLBWRC SX

TABLE E-11
NUMBER OF NEONATAL DEATHS BY PLURALITY, BIRTH WEIGHT IN GRAMS, RACE OF MOTHER AND SEX OF CHILD
DELAWARE, 2004-2008 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
All Births	340	186	154	169	95	74	161	88	73	10	3
<2500	305	163	142	148	84	64	148	77	71	9	2
<1500	280	153	127	132	78	54	140	73	67	8	2
<500	149	79	70	53	35	18	91	43	48	5	1
500-999	110	60	50	64	33	31	43	26	17	3	1
1000-1499	21	14	7	15	10	5	6	4	2	0	0
1500-1999	11	3	8	7	2	5	4	1	3	0	0
2000-2499	14	7	7	9	4	5	4	3	1	1	0
2500+	32	21	11	20	11	9	11	9	2	1	1
2500-2999	13	9	4	11	7	4	2	2	0	0	0
3000-3499	12	9	3	5	2	3	6	6	0	1	1
3500-3999	3	1	2	1	0	1	2	1	1	0	0
4000-4499	3	2	1	3	2	1	0	0	0	0	0
4500+	1	0	1	0	0	0	1	0	1	0	0
Unknown	3	2	1	1	0	1	2	2	0	0	0
Single Births	268	143	125	131	69	62	127	71	56	10	3
<2500	235	122	113	111	59	52	115	61	54	9	2
<1500	211	113	98	95	53	42	108	58	50	8	2
<500	115	59	56	38	25	13	72	33	39	5	1
500-999	80	44	36	46	21	25	31	22	9	3	1
1000-1499	16	10	6	11	7	4	5	3	2	0	0
1500-1999	11	3	8	7	2	5	4	1	3	0	0
2000-2499	13	6	7	9	4	5	3	2	1	1	0
2500+	31	20	11	19	10	9	11	9	2	1	1
2500-2999	12	8	4	10	6	4	2	2	0	0	0
3000-3499	12	9	3	5	2	3	6	6	0	1	1
3500-3999	3	1	2	1	0	1	2	1	1	0	0
4000-4499	3	2	1	3	2	1	0	0	0	0	0
4500+	1	0	1	0	0	0	1	0	1	0	0
Unknown	2	1	1	1	0	1	1	1	0	0	0
Plural Births	72	43	29	38	26	12	34	17	17	0	0
<2500	70	41	29	37	25	12	33	16	17	0	0
<1500	69	40	29	37	25	12	32	15	17	0	0
<500	34	20	14	15	10	5	19	10	9	0	0
500-999	30	16	14	18	12	6	12	4	8	0	0
1000-1499	5	4	1	4	3	1	1	1	0	0	0
1500-1999	0	0	0	0	0	0	0	0	0	0	0
2000-2499	1	1	0	0	0	0	1	1	0	0	0
2500+	1	1	0	1	1	0	0	0	0	0	0
2500-2999	1	1	0	1	1	0	0	0	0	0	0
3000-3499	0	0	0	0	0	0	0	0	0	0	0
3500-3999	0	0	0	0	0	0	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	1	1	0	0	0	0	1	1	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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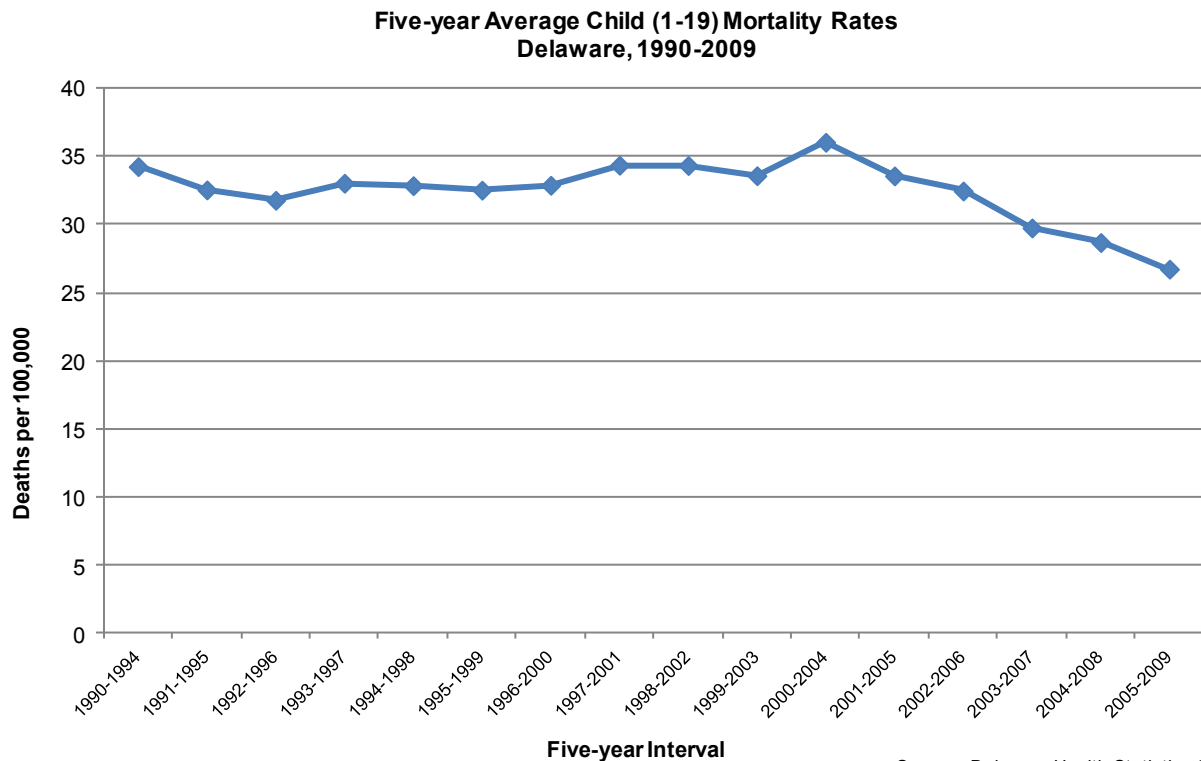
Mortality

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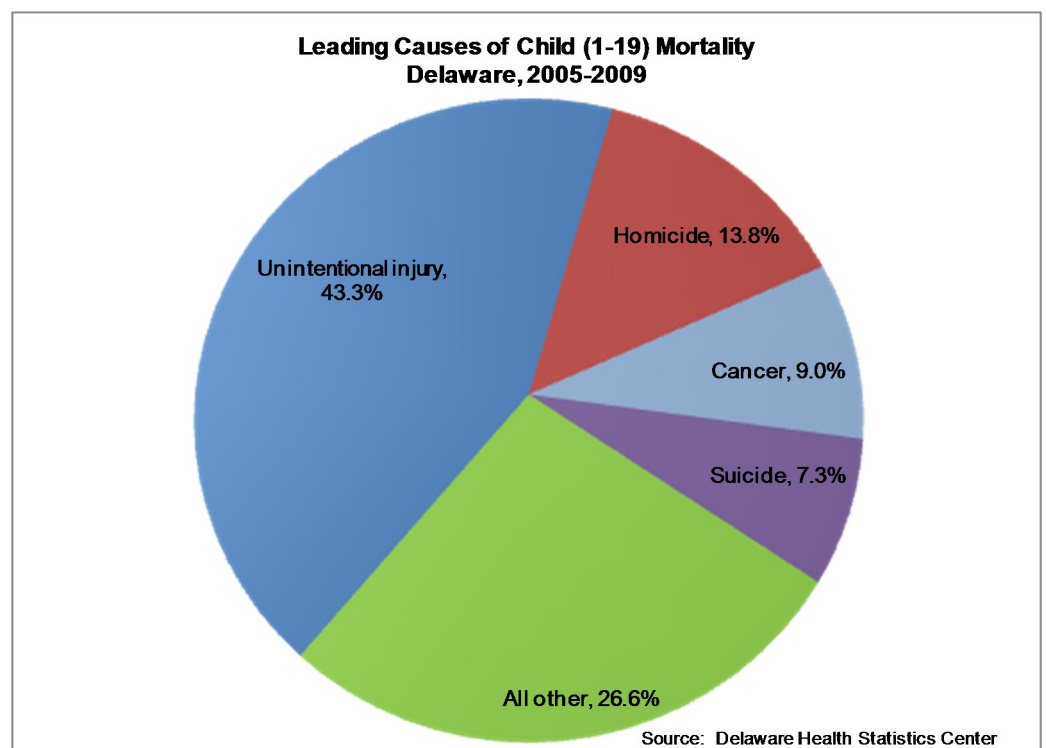
CHILD MORTALITY

From 2005 to 2009, 289 children and adolescents between the ages of 1 and 19 died in Delaware, which represented 0.8 percent of the total deaths that occurred during that time.

After small fluctuations throughout the 1990s, the mortality rate for children ages 1 to 19 began to decline. Since its peak of 36.1 in 2000-2004, the rate has decreased 26 percent to 26.7 deaths per 100,000 children.

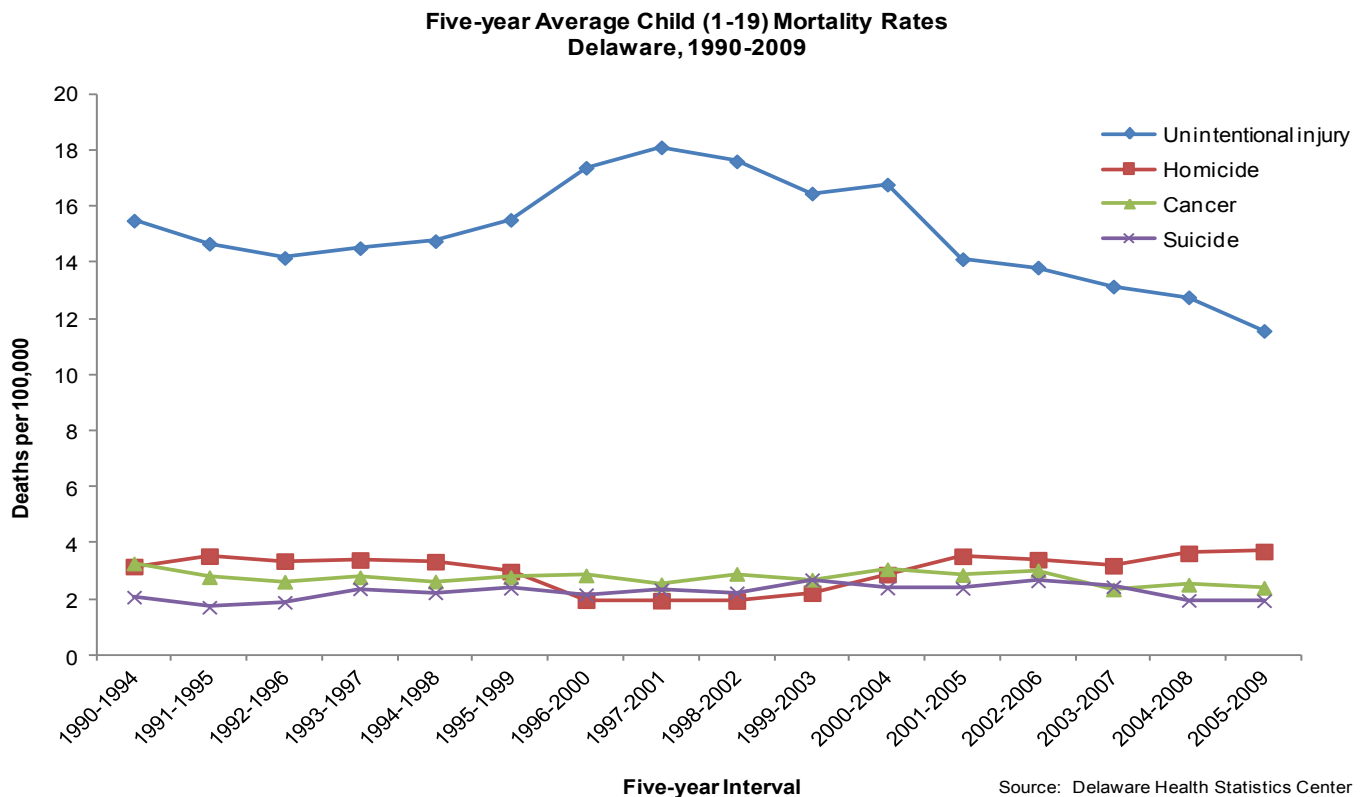


Accidents, homicide, cancer, and suicide were the four most common causes of child mortality in 2005-2009. Together, they accounted for nearly three-quarters of all child deaths.



CHILD MORTALITY

From 2000-2004 to 2005-2009, rates for three of the four leading causes of child mortality declined. Unintentional injury mortality rates declined by 31 percent; cancer and suicide mortality rates also decreased, though the change was not statistically significant. Homicide was the only cause to demonstrate an increase; the rate increased 29 percent, from 2.9 in 2000-2004 to 3.7 in 2005-2009.



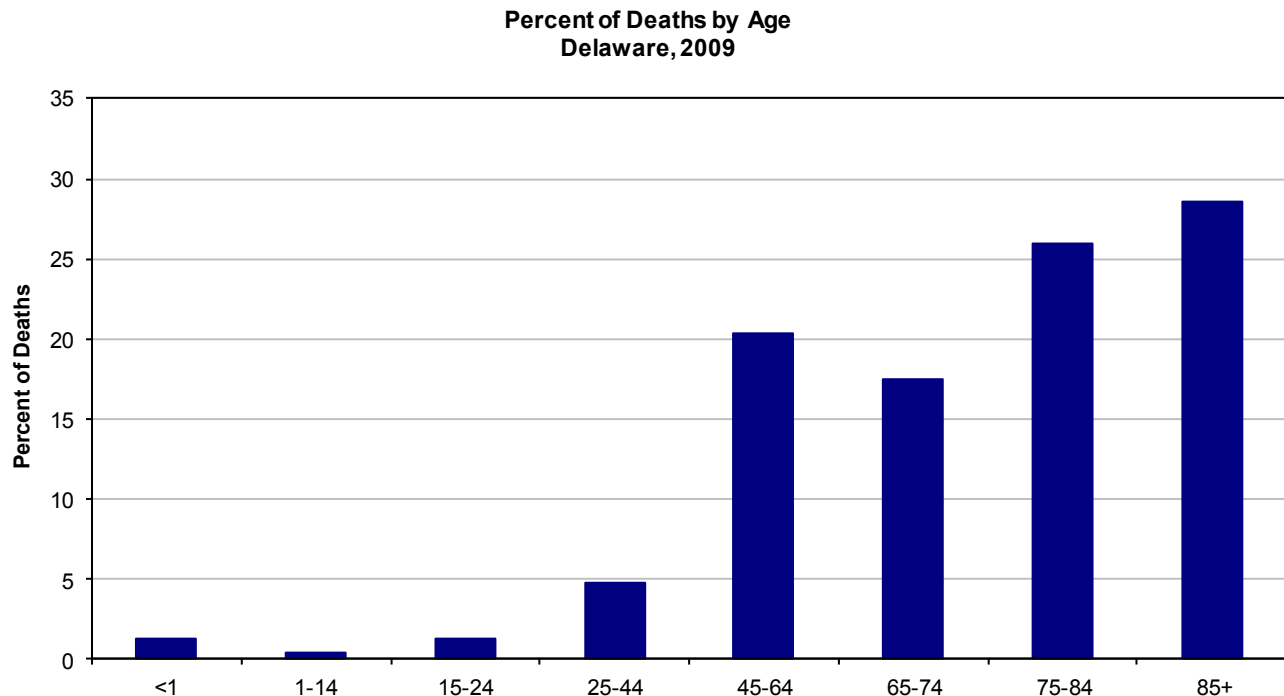
Detailed manner of the most common causes of child deaths in 2005-2009:

- Motor vehicle crashes accounted for 69 percent of all deaths due to unintentional injuries; the second and third most common causes of unintentional injury deaths of children were poisoning and drowning, which accounted for 10 and 8 percent of deaths respectively.
- Firearms and cutting/piercing accounted for over 90 percent of all homicides, 78 and 15 percent respectively.
- The majority of child cancer deaths were due to brain cancer (39 percent) and leukemia (27 percent).
- Suffocation, followed by firearms, were the most common methods of suicide, and accounted for 48 and 33 percent of the total suicide deaths.

MORTALITY

Fewer Delaware residents died in 2009 than in 2008. A total of 7,498 residents died, 91 of whom were infants under the age of 1. Deaths were split almost equally between males and females. Cancer and heart disease were the most common causes of death, accounting for 47.8 percent of all deaths in 2009.

- Just over 28 percent of the Delawareans who died in 2009 were 85 or older. Deaths to those 75 and older accounted for more than half of all deaths.



Source: Delaware Health Statistics Center

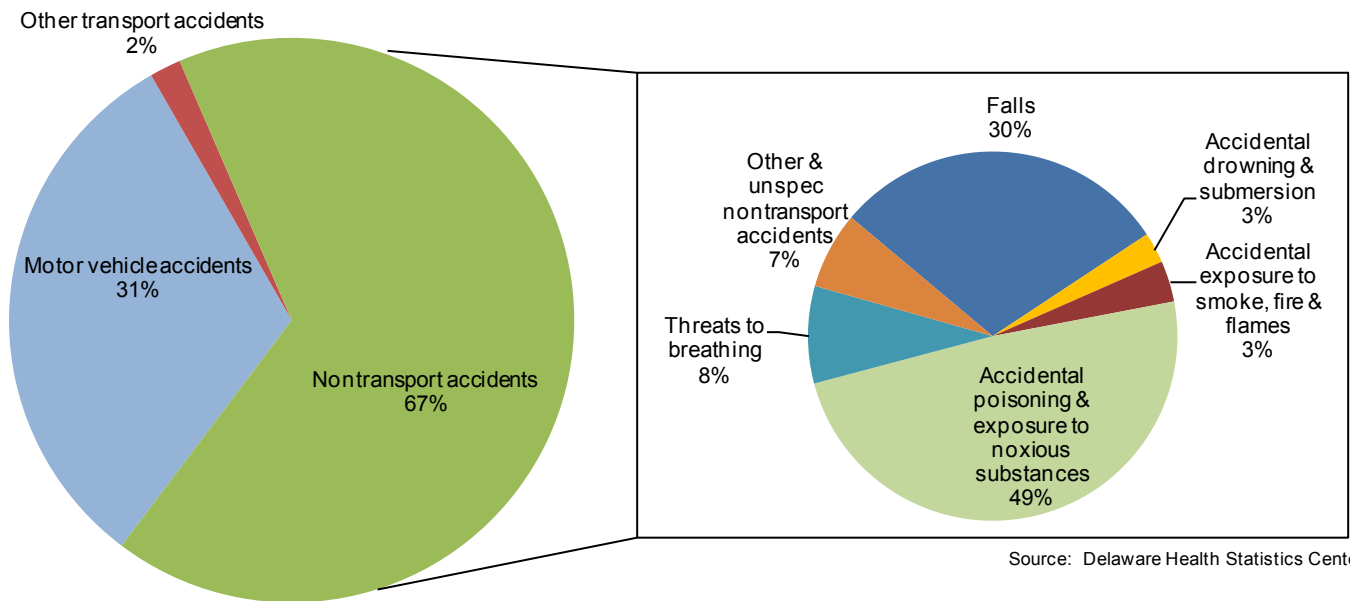
- A Delaware resident born in 2009 could expect to live an average of 78.9 years.
- Life expectancy at birth varied by race and sex; white females had the highest life expectancy (82.1) while black males had the lowest (72.7).
- In 1989, 80 percent of Delaware decedents were buried and 15 percent were cremated, by 2009 the distribution had shifted: 57 percent of decedents were buried and 39 percent were cremated.
- In 2009, the ten leading causes of death for residents of all ages were almost identical to the top 10 in 2008; movement among the rankings and the replacement of septicemia with influenza and pneumonia were the only changes.

Rank	Leading Cause of Death	Number
1	Malignant neoplasms (cancer)	1801
2	Diseases of heart	1784
3	Chronic lower respiratory diseases	429
4	Cerebrovascular diseases (stroke)	412
5	Dementia	404
6	Accidents (unintentional injuries)	334
7	Diabetes mellitus	206
8	Nephritis, nephrotic syndrome & nephrosis (kidney disease)	175
9	Alzheimer's disease	163
10	Influenza & pneumonia	129

MORTALITY

- There were 334 deaths due to unintentional injury in 2009 (4.5 percent of all deaths); 31 percent of which were due to motor vehicle accidents and 67 percent of which were due to non-transport accidents. Nearly half of the 223 non-transport accidents were caused by unintentional poisonings; the majority (95 percent) of unintentional poisonings were drug poisonings.
- For the first time, unintentional poisonings moved past motor vehicle injuries to become the leading cause of unintentional injury death in 2009.
 - For whites of both sexes, poisonings caused the most unintentional injuries, followed by motor vehicle accidents. For blacks of both sexes, motor vehicle accidents caused the most unintentional injuries.

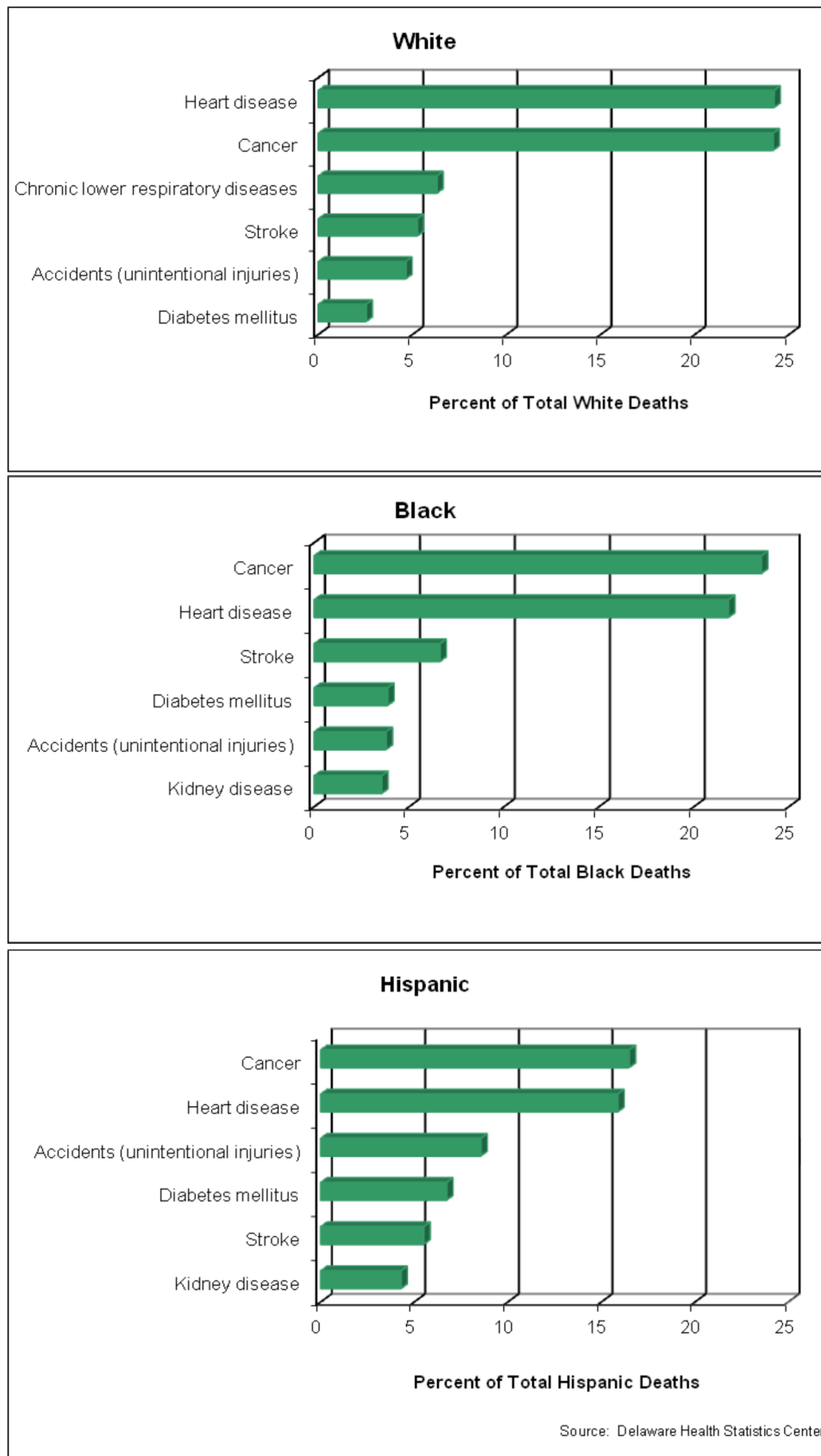
**Accidental Causes of Death by Specific Cause of Injury
Delaware, 2009**



- In 2005-2009, accidents were the number one cause of death for people 1-44 years of age, and were responsible for 43 percent of all deaths of people 15-24 years of age. For decedents ages 15-24, accidents, homicides, and suicides were the three most frequent causes of death and accounted for three-fourths of total deaths (See Table F-11).

MORTALITY

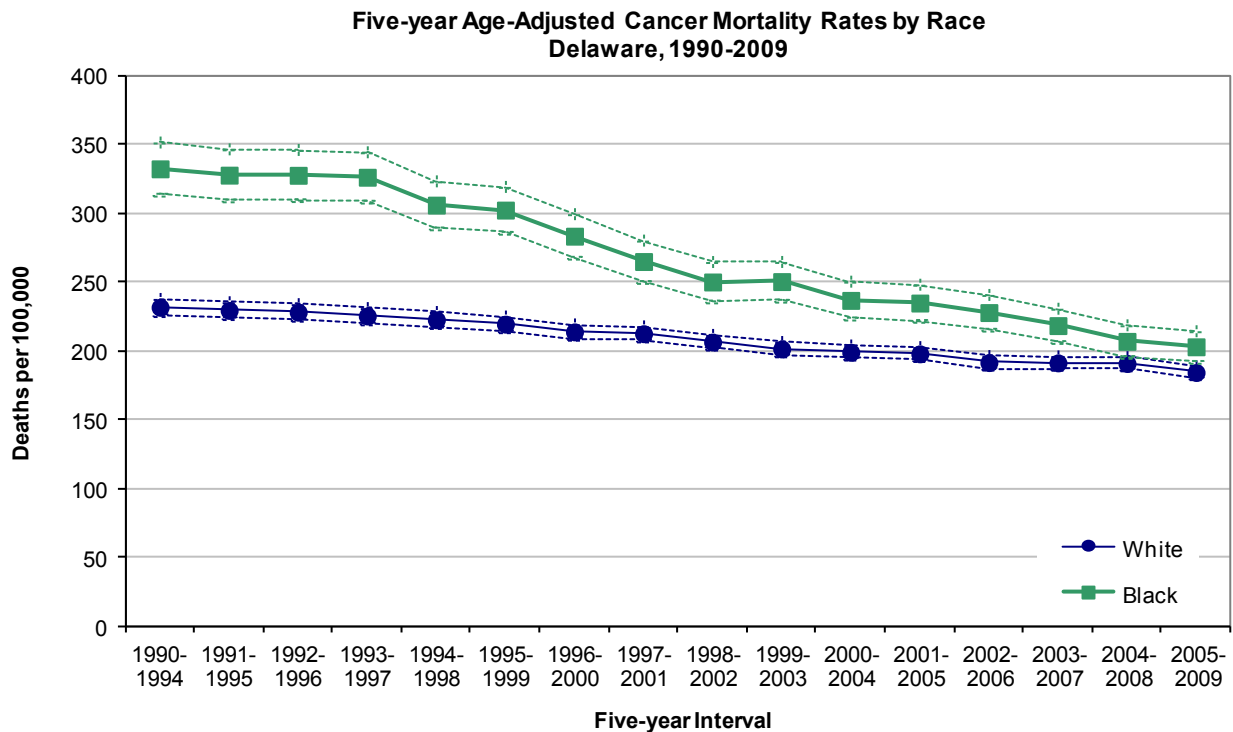
The leading causes of death varied by race and ethnic group. In 2009, the most common causes of death for white, black, and Hispanic Delawareans were:



MORTALITY

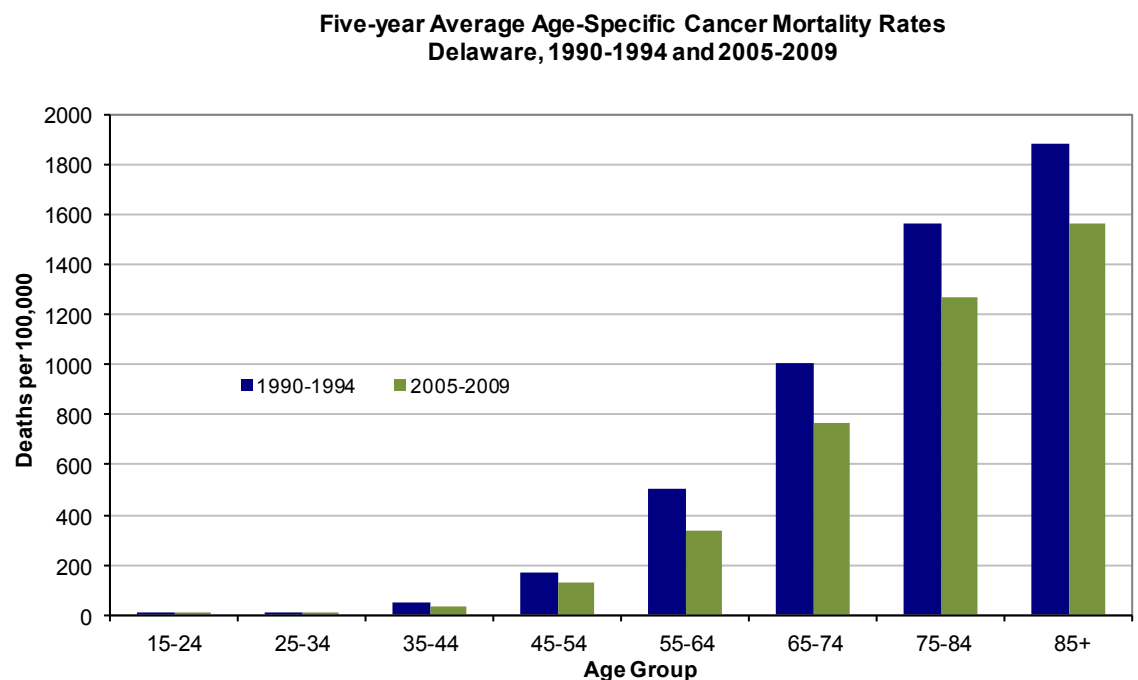
Cancer mortality rates have been decreasing in all three counties since the early 1990s, though most recently Kent County rates have leveled off. In 2005-2009, the 5-year age-adjusted cancer mortality rates ranged from 176.5 in Sussex County to 210.2 deaths per 100,000 population in Kent County.

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 2005-2009 remained significantly higher than white rates.



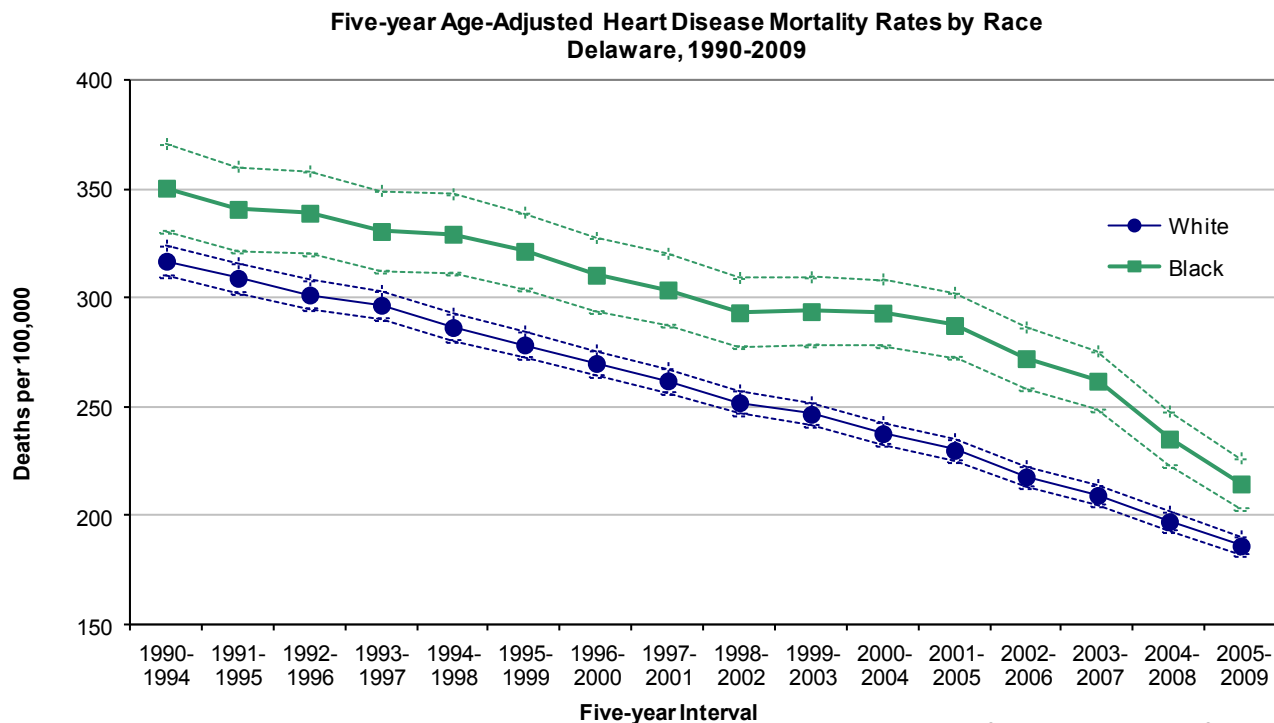
The same decreases seen in the age-adjusted cancer mortality rates were reflected in the age-specific rates as well.

Cancer mortality rates declined for all age groups between 1990-1994 and 2005-2009. The 25-34 age group experienced the largest decrease.

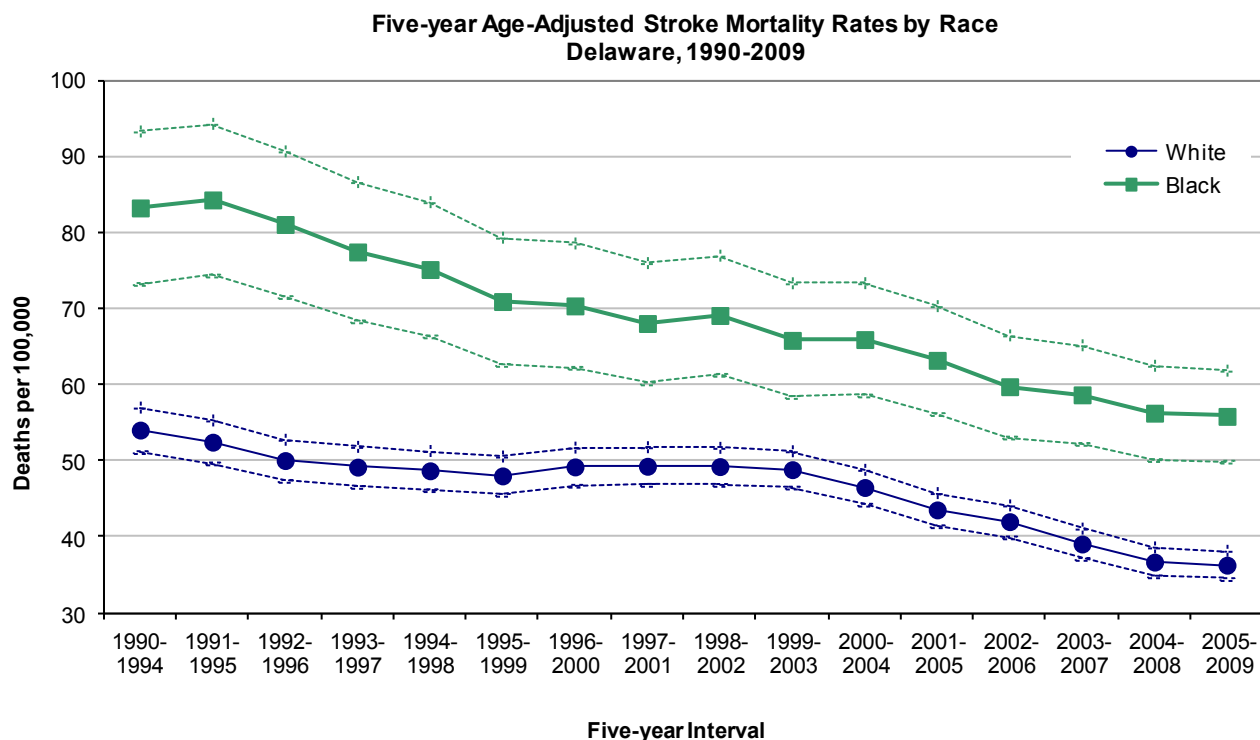


MORTALITY

Heart disease remained the most common cause of death for both black and white Delawareans in 2005-2009. Both black and white heart disease mortality rates have declined significantly since 1990-1994, with white rates declining 41 percent and black rates declining 39 percent.



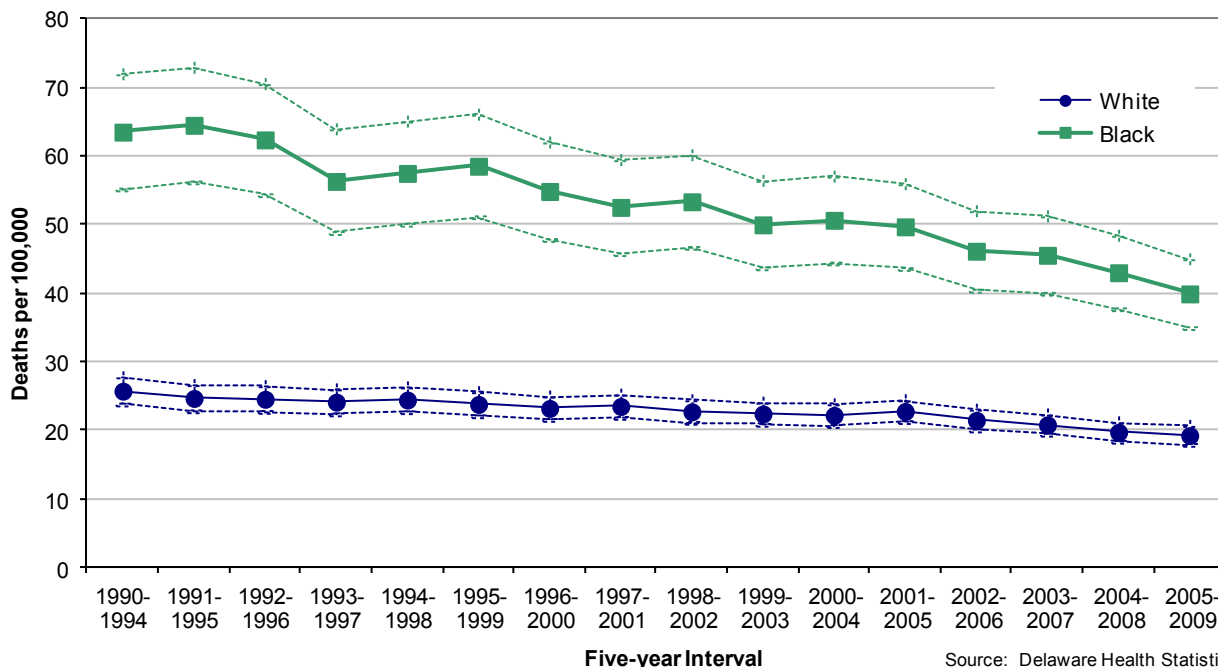
Stroke mortality rates for both races continued their declining trends, with rates for both races decreasing 33 percent between 1990-1994 and 2005-2009. Due to the similarity in their declines, the black stroke mortality rates remained approximately 55 percent higher than white rates (55.9 versus 36.3).



MORTALITY

Though black mortality rates for diabetes have been declining since 1990-1994, their rates were nearly twice that of whites in 2005-2009.

**Five-year Age-Adjusted Diabetes Mortality Rates by Race
Delaware, 1990-2009**



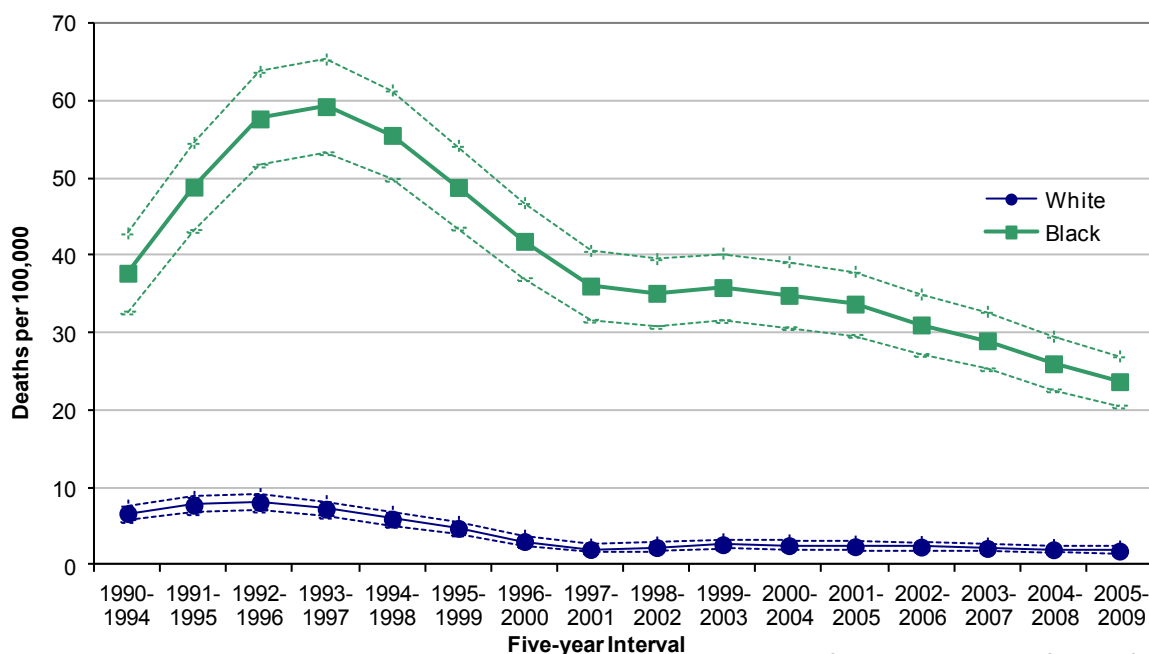
Source: Delaware Health Statistics Center

HIV/AIDS mortality has disproportionately affected Delaware's black population. Despite black HIV/AIDS mortality rates decreasing significantly since the 1993-1997 peak, their 2005-2009 mortality rate of 23.7 deaths per 100,000 was more than 13 times that of whites. Though they made up only 21 percent of the total Delaware population in 2005-2009, blacks accounted for 78 percent of all deaths due to HIV/AIDS.

In 2005-2009, HIV was the fifth leading cause of death for black Delawareans; it ranked seventh for black males and sixth for black females.

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

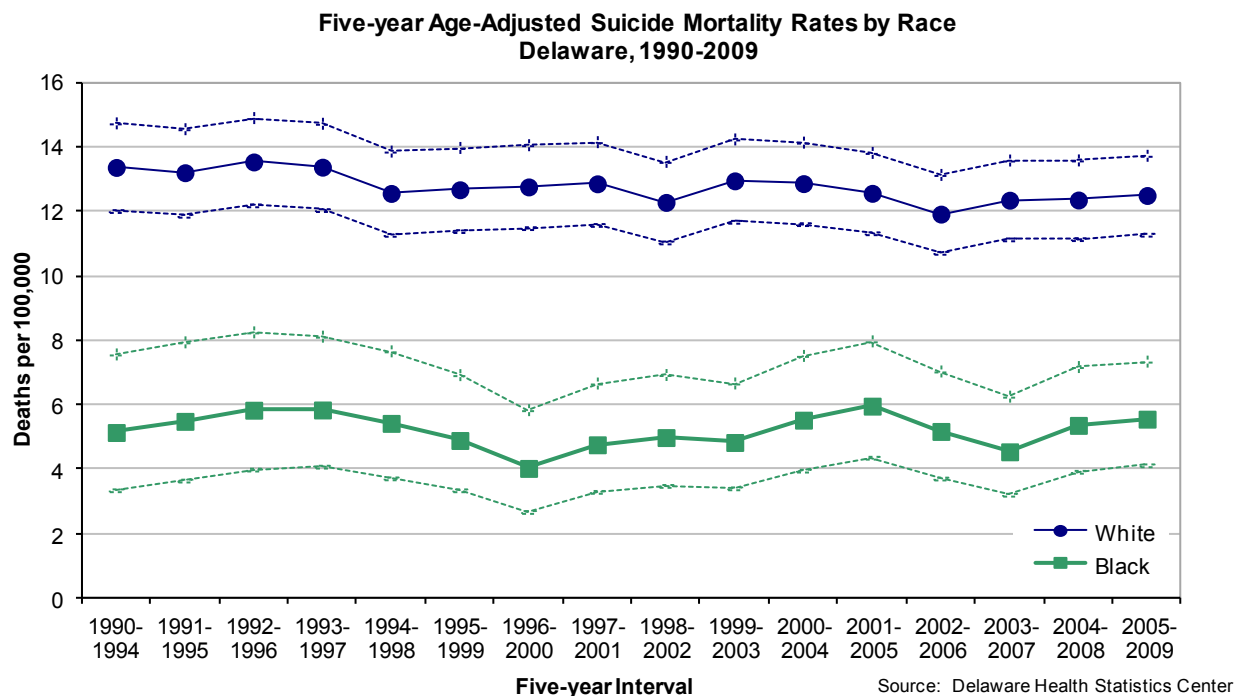
**Five-year Age-Adjusted HIV/AIDS Mortality Rates by Race
Delaware, 1990-2009**



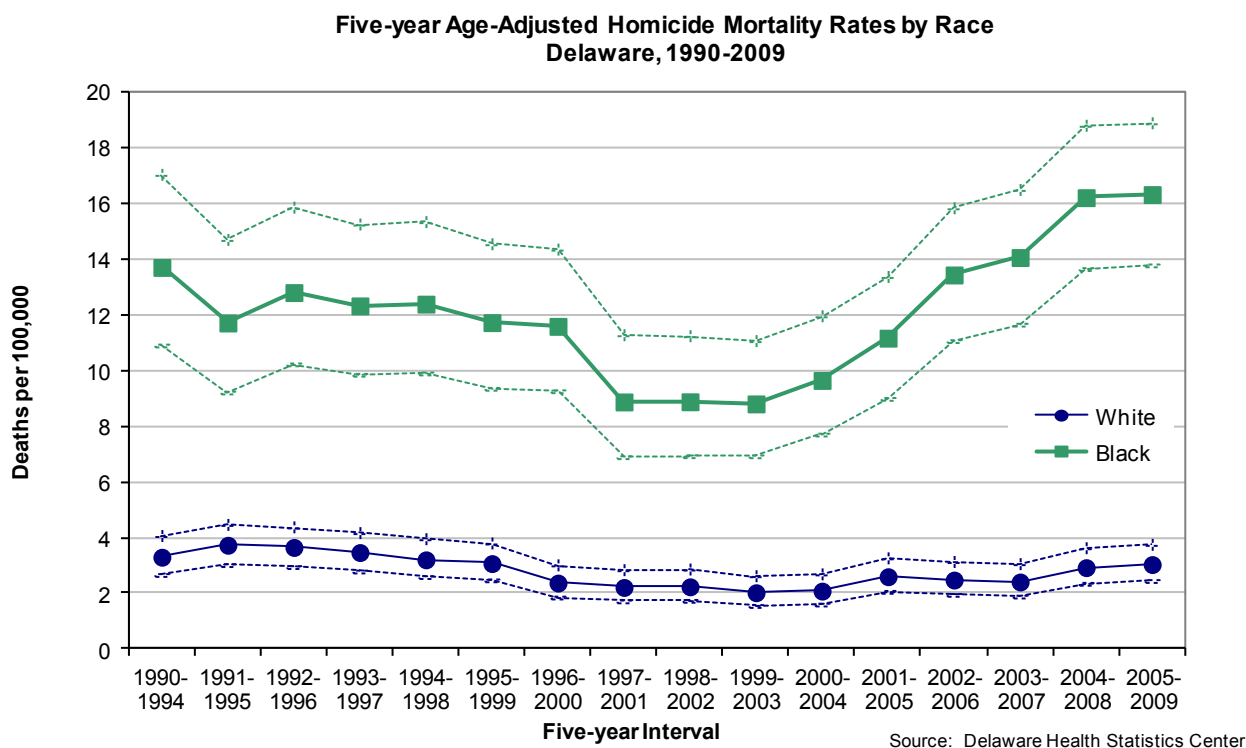
Source: Delaware Health Statistics Center

MORTALITY

Suicide mortality trends for both black and white populations changed little between 1990-1994 and 2005-2009, with the white rate (12.5) more than double that of the black rate (5.6).



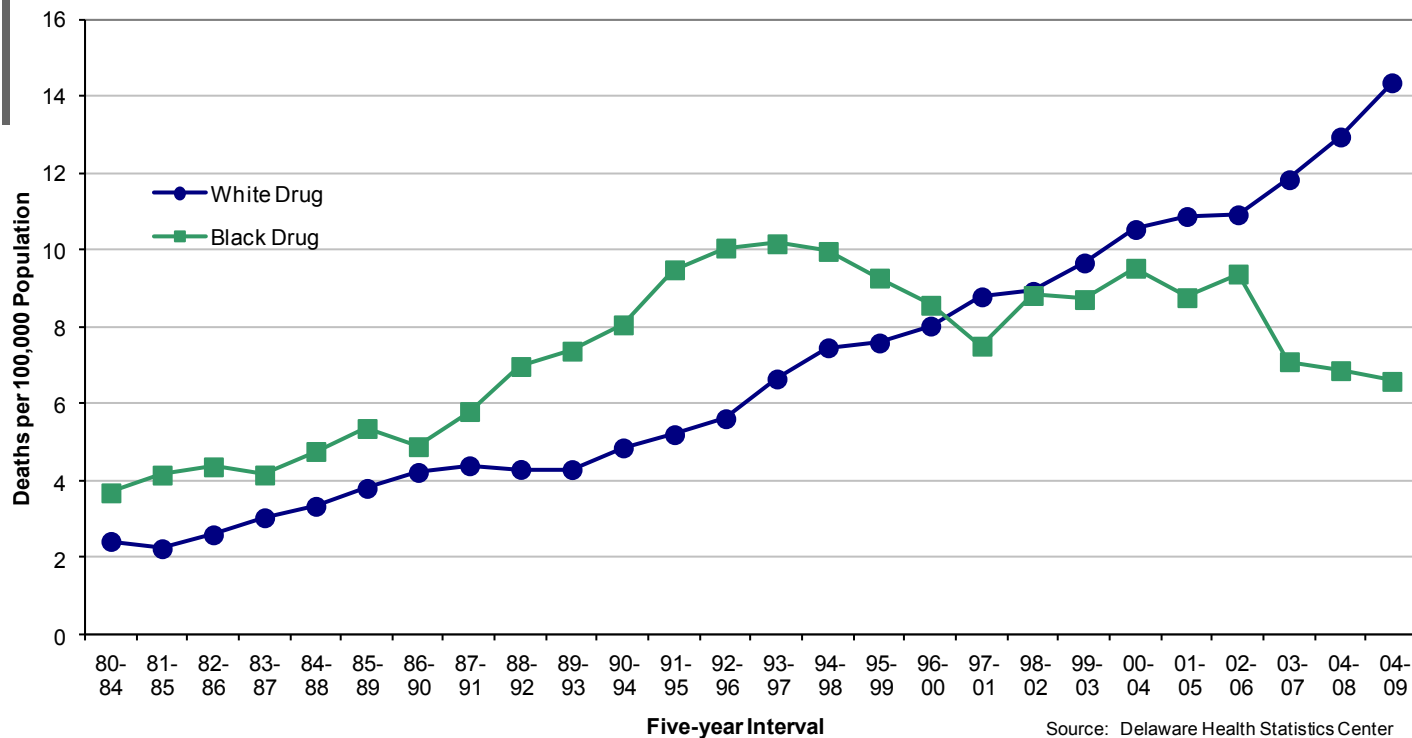
After declining throughout most of the '90s and reaching their lowest point in 1999-2003, homicide mortality rates have risen 74 percent. The majority of the increase was due to an 85 percent increase in black homicide mortality rates; white homicide mortality rates rose 50 percent during the same time period. In 2005-2009, black and white homicide mortality rates were 16.3 and 3 deaths per 100,000 population, respectively.



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 higher and continued to rise; by 2005-2009, the white rate (14.4) was more than twice the black rate (6.6).

**Five-year Age-adjusted Mortality Rates for Drug-Induced Deaths by Race
Delaware, 1980-2009**



**Distribution of Drug-induced Deaths by Race, Sex, and Age Group
Delaware, 2005-2009**

Over 53 percent of all drug-induced deaths in 2005-2009 were white males. Of all the race-age groups, white males ages 25-34 were responsible for the single largest proportion (16 percent) of drug-induced deaths.

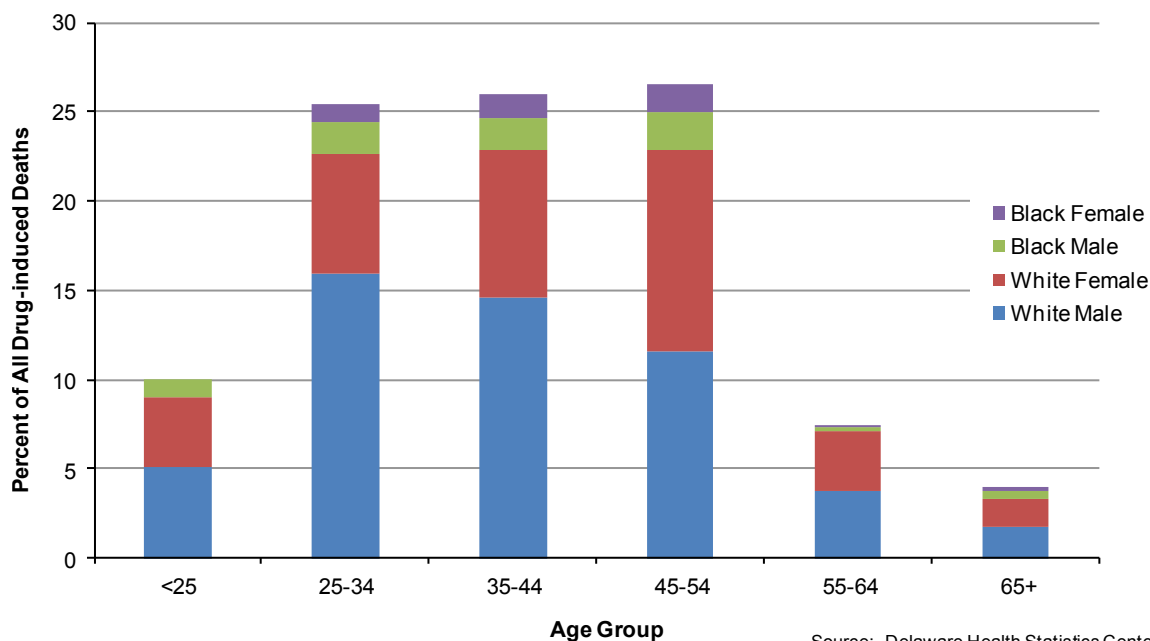


TABLE F-1
NUMBER OF DEATHS BY RACE

U.S., DELAWARE, COUNTIES AND CITY OF WILMINGTON, 1996-2009

Area/ Race	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.														
All Races	2314690	2314245	2337256	2391399	2403351	2416425	2443387	2448288	2397615	2448017	2426264	2423712	2473018	2436682
White	1992966	1996393	2015984	2061348	2071287	2079691	2102589	2103714	2056643	2098097	2077549	2074151	2120961	2085305
Black	282089	276520	278440	285064	285826	287709	290051	291300	287315	292808	289971	289585	289306	286928
Other	39635	41332	42832	44987	46238	49025	50747	53274	53657	57112	58744	59976	62751	64449
Delaware														
All Races	6506	6510	6577	6669	6872	7114	6860	7067	7124	7424	7144	7246	7602	7498
White	5295	5449	5453	5555	5696	5886	5694	5782	5862	6129	5856	5985	6309	6113
Black	1166	1014	1086	1072	1131	1180	1111	1241	1204	1235	1225	1181	1217	1270
Other	45	47	38	42	45	48	55	44	58	60	63	80	76	115
Kent														
All Races	1003	998	1015	1102	1022	1102	1113	1114	1154	1250	1219	1255	1367	1379
White	813	837	835	924	822	900	916	878	948	1017	967	1018	1133	1096
Black	183	147	173	167	184	194	187	224	193	224	234	219	220	263
Other	7	14	7	11	16	8	10	12	13	9	18	18	14	20
New Castle														
All Races	3967	3951	4030	3931	4111	4234	3996	4129	4146	4229	4039	4101	4290	4100
White	3201	3250	3281	3217	3350	3435	3244	3299	3324	3381	3212	3294	3441	3234
Black	749	677	731	692	741	774	718	809	793	809	794	771	802	799
Other	17	24	18	22	20	25	34	21	29	39	33	36	47	67
Wilmington														
All Races	890	864	850	789	826	850	779	843	782	765	728	705	726	692
White	436	479	423	395	430	421	392	413	358	362	337	345	334	329
Black	453	383	425	392	394	425	380	430	419	401	385	359	389	360
Other	1	2	2	2	2	4	7	0	5	2	6	1	3	3
Balance of NC County														
All Races	3077	3087	3180	3142	3285	3384	3217	3286	3364	3464	3311	3396	3564	3408
White	2765	2771	2858	2822	2920	3014	2852	2886	2966	3019	2875	2949	3107	2905
Black	296	294	306	300	347	349	338	379	374	408	409	412	413	439
Other	16	22	16	20	18	21	27	21	24	37	27	35	44	64
Sussex														
All Races	1536	1561	1532	1636	1739	1778	1751	1824	1824	1945	1886	1890	1945	2019
White	1281	1362	1337	1414	1524	1551	1534	1605	1590	1731	1677	1673	1735	1783
Black	234	190	182	213	206	212	206	208	218	202	197	191	195	208
Other	21	9	13	9	9	15	11	11	16	12	12	26	15	28

Note:

2008 & 2009 US data are preliminary numbers from NCHS; 2008 preliminary deaths by race were not available at the time of production.

Sources:

Delaware Health Statistics Center
National Center for Health Statistics

NDRACE

TABLE F-2
NUMBER OF DEATHS BY AGE, RACE, AND HISPANIC ORIGIN
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

Area/ Age	Race									Hispanic Origin ²
	All Races	White	Black	American Indian ¹	Asian or Pacific Islander (API)				All Other	
					Chinese	Japanese	Filipino	Other API		
Delaware	7498	6113	1270	16	4	2	11	26	56	164
<1	91	30	54	0	0	0	0	0	7	8
1-4	7	3	4	0	0	0	0	0	0	2
5-14	20	17	3	0	0	0	0	0	0	2
15-24	92	57	35	0	0	0	0	0	0	6
25-34	132	95	36	0	0	0	0	0	1	11
35-44	227	151	74	0	0	0	0	0	2	9
45-54	636	448	180	1	0	0	0	2	5	18
55-64	893	675	200	1	1	0	4	4	8	20
65-74	1313	1055	234	4	0	1	4	6	9	35
75+	4087	3582	450	10	3	1	3	14	24	53
Unknown	0	0	0	0	0	0	0	0	0	0
Kent	1379	1096	263	2	0	1	4	3	10	23
<1	18	6	12	0	0	0	0	0	0	0
1-4	1	0	1	0	0	0	0	0	0	0
5-14	5	5	0	0	0	0	0	0	0	0
15-24	16	11	5	0	0	0	0	0	0	0
25-34	26	17	9	0	0	0	0	0	0	0
35-44	48	34	14	0	0	0	0	0	0	2
45-54	145	107	36	1	0	0	0	0	1	5
55-64	174	124	45	0	0	0	2	1	2	5
65-74	261	218	37	0	0	1	0	1	4	5
75+	685	574	104	1	0	0	2	1	3	6
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	4100	3234	799	1	4	1	4	19	38	119
<1	57	18	34	0	0	0	0	0	5	6
1-4	5	2	3	0	0	0	0	0	0	1
5-14	9	8	1	0	0	0	0	0	0	2
15-24	57	31	26	0	0	0	0	0	0	5
25-34	74	51	23	0	0	0	0	0	0	7
35-44	130	82	47	0	0	0	0	0	1	6
45-54	366	241	120	0	0	0	0	2	3	11
55-64	520	377	132	0	1	0	1	3	6	14
65-74	652	492	150	0	0	0	2	4	4	25
75+	2230	1932	263	1	3	1	1	10	19	42
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	692	329	360	0	0	0	0	0	3	35
<1	18	0	16	0	0	0	0	0	2	1
1-4	2	0	2	0	0	0	0	0	0	0
5-14	1	1	0	0	0	0	0	0	0	0
15-24	14	4	10	0	0	0	0	0	0	2
25-34	15	5	10	0	0	0	0	0	0	3
35-44	28	8	20	0	0	0	0	0	0	3
45-54	80	18	62	0	0	0	0	0	0	4
55-64	105	45	59	0	0	0	0	0	1	5
65-74	109	47	62	0	0	0	0	0	0	4
75+	320	201	119	0	0	0	0	0	0	13
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	3408	2905	439	1	4	1	4	19	35	84
<1	39	18	18	0	0	0	0	0	3	5
1-4	3	2	1	0	0	0	0	0	0	1
5-14	8	7	1	0	0	0	0	0	0	2
15-24	43	27	16	0	0	0	0	0	0	3
25-34	59	46	13	0	0	0	0	0	0	4
35-44	102	74	27	0	0	0	0	0	1	3
45-54	286	223	58	0	0	0	0	2	3	7
55-64	415	332	73	0	1	0	1	3	5	9
65-74	543	445	88	0	0	0	2	4	4	21
75+	1910	1731	144	1	3	1	1	10	19	29
Unknown	0	0	0	0	0	0	0	0	0	0
Sussex	2019	1783	208	13	0	0	3	4	8	22
<1	16	6	8	0	0	0	0	0	2	2
1-4	1	1	0	0	0	0	0	0	0	1
5-14	6	4	2	0	0	0	0	0	0	0
15-24	19	15	4	0	0	0	0	0	0	1
25-34	32	27	4	0	0	0	0	0	1	4
35-44	49	35	13	0	0	0	0	0	1	1
45-54	125	100	24	0	0	0	0	0	1	2
55-64	199	174	23	1	0	0	1	0	0	1
65-74	400	345	47	4	0	0	2	1	1	5
75+	1172	1076	83	8	0	0	0	3	2	5
Unknown	0	0	0	0	0	0	0	0	0	0

Notes:

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

Source:

Delaware Health Statistics Center

DETRACE

TABLE F-3
NUMBER OF DEATHS BY AGE AND RACE
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

(BOTH SEXES)

Area/ Race	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Delaware														
All Races	7498	91	7	10	10	38	54	132	227	636	893	1313	4087	0
White	6113	30	3	9	8	18	39	95	151	448	675	1055	3582	0
Black	1270	54	4	1	2	20	15	36	74	180	200	234	450	0
Other	115	7	0	0	0	0	0	1	2	8	18	24	55	0
Kent														
All Races	1379	18	1	5	0	5	11	26	48	145	174	261	685	0
White	1096	6	0	5	0	4	7	17	34	107	124	218	574	0
Black	263	12	1	0	0	1	4	9	14	36	45	37	104	0
Other	20	0	0	0	0	0	0	0	0	2	5	6	7	0
New Castle														
All Races	4100	57	5	3	6	24	33	74	130	366	520	652	2230	0
White	3234	18	2	2	6	8	23	51	82	241	377	492	1932	0
Black	799	34	3	1	0	16	10	23	47	120	132	150	263	0
Other	67	5	0	0	0	0	0	0	1	5	11	10	35	0
Wilmington														
All Races	692	18	2	0	1	6	8	15	28	80	105	109	320	0
White	329	0	0	0	1	0	4	5	8	18	45	47	201	0
Black	360	16	2	0	0	6	4	10	20	62	59	62	119	0
Other	3	2	0	0	0	0	0	0	0	0	1	0	0	0
Balance of NC County														
All Races	3408	39	3	3	5	18	25	59	102	286	415	543	1910	0
White	2905	18	2	2	5	8	19	46	74	223	332	445	1731	0
Black	439	18	1	1	0	10	6	13	27	58	73	88	144	0
Other	64	3	0	0	0	0	0	0	1	5	10	10	35	0
Sussex														
All Races	2019	16	1	2	4	9	10	32	49	125	199	400	1172	0
White	1783	6	1	2	2	6	9	27	35	100	174	345	1076	0
Black	208	8	0	0	2	3	1	4	13	24	23	47	83	0
Other	28	2	0	0	0	0	0	1	1	1	2	8	13	0

Source:
Delaware Health Statistics Center

NDAGERAC

TABLE F-4
NUMBER OF DEATHS BY AGE AND RACE
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

(MALES)

Area/ Race	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Delaware														
All Races	3716	48	2	4	5	26	39	95	144	387	540	737	1689	0
White	3012	16	2	3	5	10	26	68	96	276	418	594	1498	0
Black	652	30	0	1	0	16	13	26	46	106	112	130	172	0
Other	52	2	0	0	0	0	0	1	2	5	10	13	19	0
Kent														
All Races	706	8	0	1	0	3	9	21	28	89	104	150	293	0
White	554	2	0	1	0	2	5	15	22	65	71	124	247	0
Black	142	6	0	0	0	1	4	6	6	23	30	23	43	0
Other	10	0	0	0	0	0	0	0	0	1	3	3	3	0
New Castle														
All Races	1966	33	2	3	4	17	22	54	84	217	310	356	864	0
White	1533	12	2	2	4	4	14	37	52	144	237	271	754	0
Black	405	19	0	1	0	13	8	17	31	70	67	80	99	0
Other	28	2	0	0	0	0	0	0	1	3	6	5	11	0
Wilmington														
All Races	330	6	0	0	0	6	6	12	16	54	59	59	112	0
White	146	0	0	0	0	0	2	4	3	15	27	26	69	0
Black	184	6	0	0	0	6	4	8	13	39	32	33	43	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County														
All Races	1636	27	2	3	4	11	16	42	68	163	251	297	752	0
White	1387	12	2	2	4	4	12	33	49	129	210	245	685	0
Black	221	13	0	1	0	7	4	9	18	31	35	47	56	0
Other	28	2	0	0	0	0	0	0	1	3	6	5	11	0
Sussex														
All Races	1044	7	0	0	1	6	8	20	32	81	126	231	532	0
White	925	2	0	0	1	4	7	16	22	67	110	199	497	0
Black	105	5	0	0	0	2	1	3	9	13	15	27	30	0
Other	14	0	0	0	0	0	0	1	1	1	1	5	5	0

Source:
Delaware Health Statistics Center

NDRCAGML

TABLE F-5
NUMBER OF DEATHS BY AGE AND RACE
DELAWARE, COUNTIES AND CITY OF WILMINGTON, 2009

(FEMALES)

Area/ Race	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Delaware														
All Races	3782	43	5	6	5	12	15	37	83	249	353	576	2398	0
White	3101	14	1	6	3	8	13	27	55	172	257	461	2084	0
Black	618	24	4	0	2	4	2	10	28	74	88	104	278	0
Other	63	5	0	0	0	0	0	0	0	3	8	11	36	0
Kent														
All Races	673	10	1	4	0	2	2	5	20	56	70	111	392	0
White	542	4	0	4	0	2	2	2	12	42	53	94	327	0
Black	121	6	1	0	0	0	0	3	8	13	15	14	61	0
Other	10	0	0	0	0	0	0	0	0	1	2	3	4	0
New Castle														
All Races	2134	24	3	0	2	7	11	20	46	149	210	296	1366	0
White	1701	6	0	0	2	4	9	14	30	97	140	221	1178	0
Black	394	15	3	0	0	3	2	6	16	50	65	70	164	0
Other	39	3	0	0	0	0	0	0	0	2	5	5	24	0
Wilmington														
All Races	362	12	2	0	1	0	2	3	12	26	46	50	208	0
White	183	0	0	0	1	0	2	1	5	3	18	21	132	0
Black	176	10	2	0	0	0	0	2	7	23	27	29	76	0
Other	3	2	0	0	0	0	0	0	0	0	1	0	0	0
Balance of NC County														
All Races	1772	12	1	0	1	7	9	17	34	123	164	246	1158	0
White	1518	6	0	0	1	4	7	13	25	94	122	200	1046	0
Black	218	5	1	0	0	3	2	4	9	27	38	41	88	0
Other	36	1	0	0	0	0	0	0	0	2	4	5	24	0
Sussex														
All Races	975	9	1	2	3	3	2	12	17	44	73	169	640	0
White	858	4	1	2	1	2	2	11	13	33	64	146	579	0
Black	103	3	0	0	2	1	0	1	4	11	8	20	53	0
Other	14	2	0	0	0	0	0	0	0	0	1	3	8	0

Source:
Delaware Health Statistics Center

NDRCAGFE

TABLE F-6
MORTALITY TRENDS BY RACE, ETHNICITY, GENDER, AND AGE
DELAWARE, 1999-2009

CHARACTERISTIC		Year										
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Resident Deaths												
Number		6669	6872	7114	6860	7067	7124	7424	7144	7246	7602	7498
Crude Rate		860.5	873.8	894.9	852.9	867.6	862.2	886.1	840.7	841.5	872.2	847.1
AADR ²		886.2	881.5	891.1	837.6	837.0	815.7	820.1	764.3	749.2	762.4	730.3
Decedent's Race/Ethnicity												
White	Number	5555	5696	5886	5694	5782	5862	6129	5856	5985	6309	6113
	Percent	83.3%	82.9%	82.7%	83.0%	81.8%	82.3%	82.6%	82.0%	82.6%	83.0%	81.5%
	AADR ²	859.9	847.9	856.3	809.7	798.0	785.6	793.0	736.8	727.8	744.5	708.1
Black	Number	1072	1131	1180	1111	1241	1204	1235	1225	1181	1217	1270
	Percent	16.1%	16.5%	16.6%	16.2%	17.6%	16.9%	16.6%	17.1%	16.3%	16.0%	16.9%
	AADR ²	1078.5	1089.7	1088.3	1000.3	1076.7	1019.6	992.2	922.8	877.9	860.9	851.3
Hispanic ¹	Number	93	101	90	95	105	121	121	126	178	189	164
	Percent	1.4%	1.5%	1.3%	1.4%	1.5%	1.7%	1.6%	1.8%	2.5%	2.5%	2.2%
	AADR ²	683.9	762.4	612.7	622.7	594.1	688.5	580.4	485.1	749.9	747.2	635.4
Decedent's Gender												
Female	Number	3326	3503	3663	3486	3559	3517	3746	3590	3614	3850	3782
	Percent	49.9%	51.0%	51.5%	50.8%	50.4%	49.4%	50.5%	50.3%	49.9%	50.6%	50.4%
	AADR ²	736.4	749.5	769.8	712.6	706.3	679.6	694.7	647.4	629.4	651.6	622.0
Male	Number	3343	3369	3451	3374	3508	3607	3678	3554	3632	3752	3716
	Percent	50.1%	49.0%	48.5%	49.2%	49.6%	50.6%	49.5%	49.7%	50.1%	49.4%	49.6%
	AADR ²	1095.6	1055.0	1056.1	1002.6	1001.3	1001.1	981.5	910.4	898.0	900.4	863.1
Decedent's age												
<1	Number	81	102	114	96	107	97	106	99	91	101	91
	Percent	1.2%	1.5%	1.6%	1.4%	1.5%	1.4%	1.4%	1.4%	1.3%	1.3%	1.2%
1-14	Number	31	41	31	39	22	44	26	20	15	23	27
	Percent	0.5%	0.6%	0.4%	0.6%	0.3%	0.6%	0.4%	0.3%	0.2%	0.3%	0.4%
15-24	Number	61	85	86	85	101	97	78	92	88	91	92
	Percent	0.9%	1.2%	1.2%	1.2%	1.4%	1.4%	1.1%	1.3%	1.2%	1.2%	1.2%
25-44	Number	408	426	427	403	389	387	375	427	385	400	359
	Percent	6.1%	6.2%	6.0%	5.9%	5.5%	5.4%	5.1%	6.0%	5.3%	5.3%	4.8%
45-64	Number	1101	1168	1276	1214	1327	1338	1406	1410	1418	1552	1529
	Percent	16.5%	17.0%	17.9%	17.7%	18.8%	18.8%	18.9%	19.7%	19.6%	20.4%	20.4%
65-74	Number	1452	1332	1339	1276	1244	1310	1272	1232	1238	1276	1313
	Percent	21.8%	19.4%	18.8%	18.6%	17.6%	18.4%	17.1%	17.2%	17.1%	16.8%	17.5%
75-84	Number	1989	1991	2139	2061	2096	2039	2160	1960	2022	2043	1944
	Percent	29.8%	29.0%	30.1%	30.0%	29.7%	28.6%	29.1%	27.4%	27.9%	26.9%	25.9%
85+	Number	1546	1727	1702	1686	1781	1812	2001	1904	1985	2116	2143
	Percent	23.2%	25.1%	23.9%	24.6%	25.2%	25.4%	27.0%	26.7%	27.4%	27.8%	28.6%

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.
- Figures for decedent's age will not equal total number of 2007 deaths due to 4 deaths of unknown age.

Sources:

Delaware Health Statistics Center
U.S. Census

MORTREND

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, 2009

Cause of Death ¹	Deaths		Median Age at Death	
	Number	Percent	Male	Female
All causes	7,498	100.0	73	80
Malignant neoplasms	1,801	24.0	71	72
Diseases of heart	1,784	23.8	75	84
Chronic lower respiratory diseases	429	5.7	77	79
Cerebrovascular diseases	412	5.5	77	84
Dementia	404	5.4	86	89
Accidents (unintentional injuries)	334	4.5	46	51
Diabetes mellitus	206	2.7	73	79
Nephritis, nephrotic syndrome & nephrosis	175	2.3	75	79
Alzheimer's disease	163	2.2	85	87
Influenza & pneumonia	129	1.7	80	83
Septicemia	117	1.6	71	81
Intentional self-harm (suicide)	106	1.4	45	48
Other diseases of respiratory system	94	1.3	80	74
Chronic liver disease & cirrhosis	93	1.2	57	67
Essential hypertension & hypertensive renal disease	57	0.8	79	88
Certain conditions originating in the perinatal period	57	0.8	0	0
In situ neoplasms, benign, & of uncertain behavior	56	0.7	81	81
Pneumonitis due to solids & liquids	55	0.7	85	86
Other diseases of circulatory system	54	0.7	77	81
Parkinson's disease	53	0.7	82	83
Alcohol-induced deaths²	68	0.9	53	58
Drug-induced deaths²	140	1.9	40	45

LCODARBS

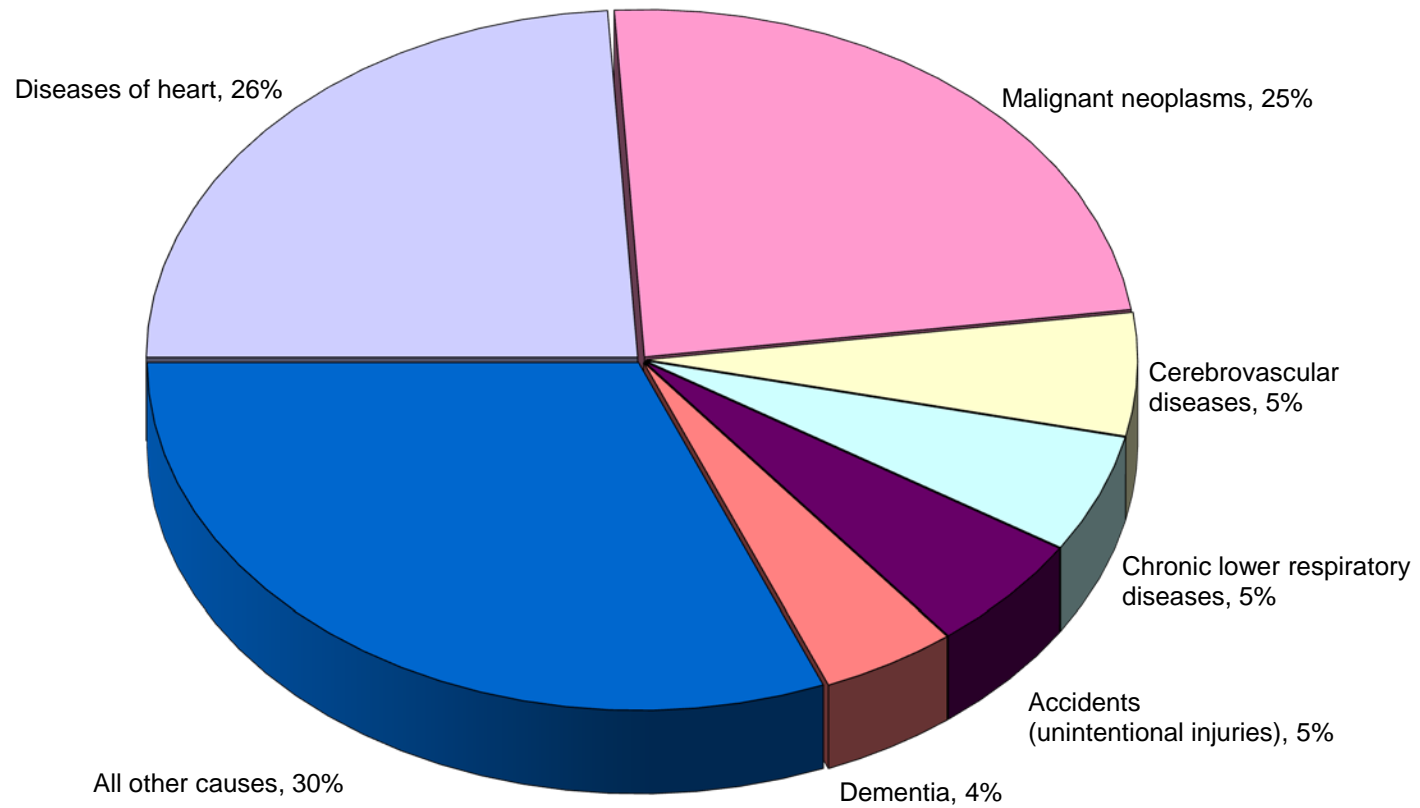
Notes:

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

Source:

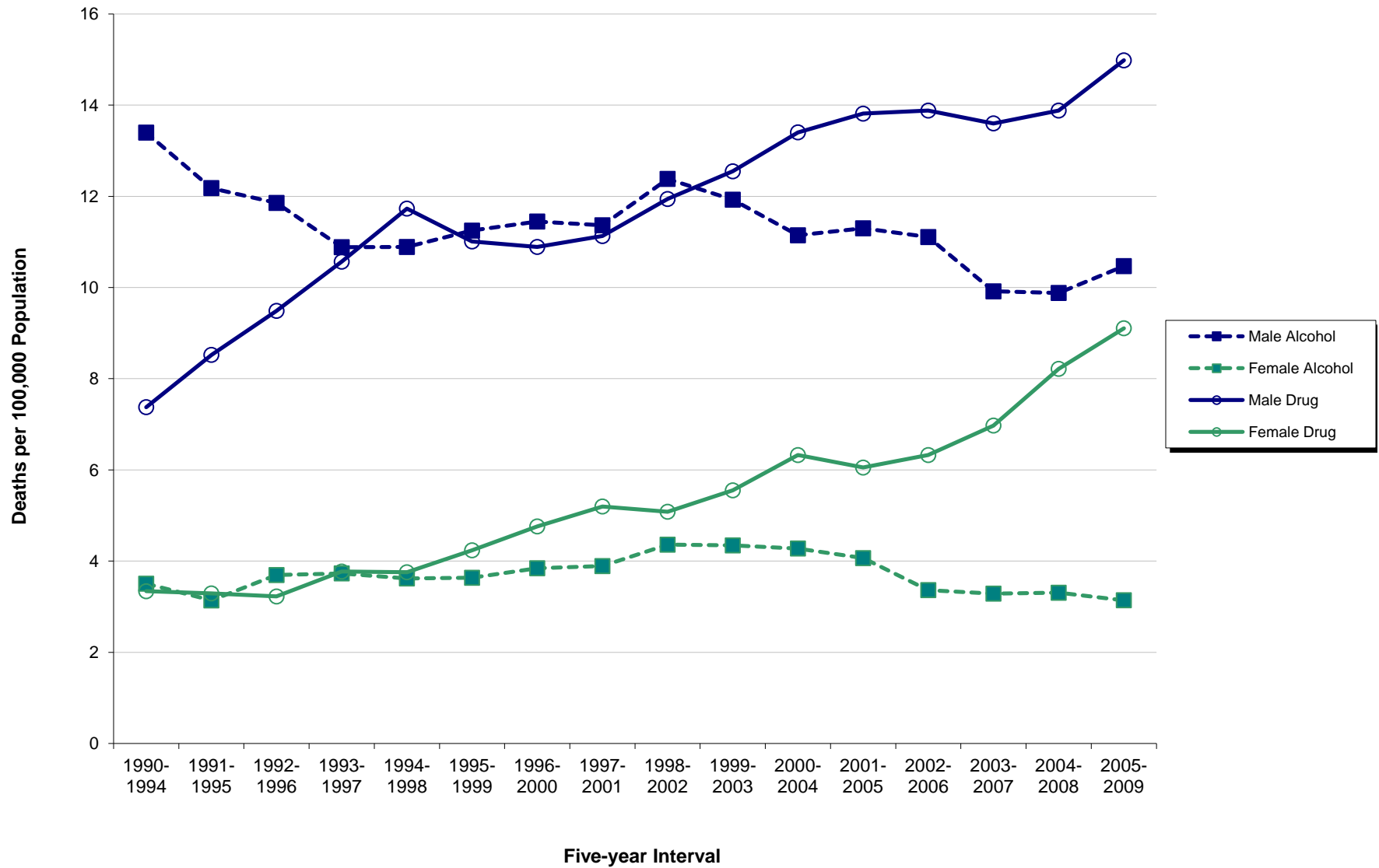
Delaware Health Statistics Center

Figure F-1
Leading Causes of Death
Delaware, 2009



Source: Delaware Health Statistics Center

Figure F-2
Five-year Age-adjusted Drug- and Alcohol-Induced Mortality Rates by Sex
Delaware, 1990-2009



Source: Delaware Health Statistics Center

TABLE F-8
LEADING CAUSES OF DEATH
COUNTIES AND CITY OF WILMINGTON, 2005-2009

Kent

Cause of Death*	Deaths	
	#	%
Diseases of heart	1796	27.8
Malignant neoplasms	1589	24.6
Chronic lower respiratory diseases	413	6.4
Cerebrovascular diseases	301	4.7
Accidents (unintentional injuries)	287	4.4
Diabetes mellitus	218	3.4
Alzheimer's disease	132	2.0
Septicemia	130	2.0
Nephritis, nephrotic syndrome & nephrosis	119	1.8
Influenza & pneumonia	118	1.8
Intentional self-harm (suicide)	88	1.4
Chronic liver disease & cirrhosis	70	1.1
Hypertension	56	0.9
Benign neoplasms	45	0.7
Certain conditions originating in the perinatal period	42	0.6
Parkinson's disease	39	0.6
All other causes	1027	15.9
Total	6470	100.0

New Castle

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4993	24.1
Diseases of heart	4964	23.9
Cerebrovascular diseases	1187	5.7
Chronic lower respiratory diseases	1080	5.2
Accidents (unintentional injuries)	890	4.3
Diabetes mellitus	594	2.9
Nephritis, nephrotic syndrome & nephrosis	483	2.3
Alzheimer's disease	465	2.2
Influenza & pneumonia	368	1.8
Septicemia	357	1.7
Intentional self-harm (suicide)	274	1.3
Chronic liver disease & cirrhosis	204	1.0
Certain conditions originating in the perinatal period	203	1.0
Human immunodeficiency virus (HIV) disease	199	1.0
Assault (homicide)	195	0.9
Parkinson's disease	158	0.8
All other causes	4145	20.0
Total	20759	100.0

City of Wilmington

Cause of Death*	Deaths	
	#	%
Diseases of heart	866	23.9
Malignant neoplasms	715	19.8
Cerebrovascular diseases	244	6.7
Chronic lower respiratory diseases	159	4.4
Diabetes mellitus	141	3.9
Human immunodeficiency virus (HIV) disease	129	3.6
Accidents (unintentional injuries)	124	3.4
Nephritis, nephrotic syndrome & nephrosis	94	2.6
Assault (homicide)	87	2.4
Septicemia	62	1.7
Influenza & pneumonia	58	1.6
Certain conditions originating in the perinatal period	53	1.5
Chronic liver disease & cirrhosis	43	1.2
Hypertension	42	1.2
Alzheimer's disease	42	1.2
Intentional self-harm (suicide)	33	0.9
All other causes	724	20.0
Total	3616	100.0

Sussex

Cause of Death*	Deaths	
	#	%
Diseases of heart	2556	26.4
Malignant neoplasms	2510	25.9
Chronic lower respiratory diseases	537	5.5
Accidents (unintentional injuries)	424	4.4
Cerebrovascular diseases	416	4.3
Alzheimer's disease	338	3.5
Diabetes mellitus	257	2.7
Nephritis, nephrotic syndrome & nephrosis	199	2.1
Influenza & pneumonia	189	2.0
Septicemia	125	1.3
Chronic liver disease & cirrhosis	119	1.2
Intentional self-harm (suicide)	114	1.2
Pneumonitis due to solids & liquids	90	0.9
Parkinson's disease	74	0.8
Aortic aneurysm and dissection	59	0.6
Hypertension	59	0.6
All other causes	1619	16.7
Total	9685	100.0

Note:

*Cause of death categories were derived using the NCHS list of 50 rankable causes of death as specified by NCHS. For specific codes, see Appendix E.

Source:

Delaware Health Statistics Center

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TABLE F-9
TEN LEADING CAUSES OF DEATH BY SEX AND RACE GROUP
DELAWARE, 2005-2009

All Races, Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4732	25.8
Diseases of heart	4716	25.7
Accidents (unintentional injuries)	1045	5.7
Chronic lower respiratory diseases	939	5.1
Cerebrovascular diseases	737	4.0
Diabetes mellitus	531	2.9
Nephritis, nephrotic syndrome & nephrosis	397	2.2
Intentional self-harm (suicide)	380	2.1
Influenza & pneumonia	320	1.7
Alzheimer's disease	295	1.6
All other causes	4240	23.1
Total	18332	100.0

All Races, Female

Cause of Death*	Deaths	
	#	%
Diseases of heart	4600	24.8
Malignant neoplasms	4360	23.5
Cerebrovascular diseases	1167	6.3
Chronic lower respiratory diseases	1091	5.9
Alzheimer's disease	640	3.4
Accidents (unintentional injuries)	556	3.0
Diabetes mellitus	538	2.9
Nephritis, nephrotic syndrome & nephrosis	404	2.2
Influenza & pneumonia	355	1.9
Septicemia	344	1.9
All other causes	4527	24.4
Total	18582	100.0

White, Both Sexes

Cause of Death*	Deaths	
	#	%
Diseases of heart	7809	25.7
Malignant neoplasms	7590	25.0
Chronic lower respiratory diseases	1824	6.0
Cerebrovascular diseases	1529	5.0
Accidents (unintentional injuries)	1369	4.5
Alzheimer's disease	846	2.8
Diabetes mellitus	795	2.6
Influenza & pneumonia	591	1.9
Nephritis, nephrotic syndrome & nephrosis	589	1.9
Septicemia	471	1.5
All other causes	6979	23.0
Total	30392	100.0

Black, Both Sexes

Cause of Death*	Deaths	
	#	%
Diseases of heart	1407	23.0
Malignant neoplasms	1402	22.9
Cerebrovascular diseases	357	5.8
Diabetes mellitus	260	4.2
Human immunodeficiency virus (HIV) disease	211	3.4
Accidents (unintentional injuries)	207	3.4
Nephritis, nephrotic syndrome & nephrosis	204	3.3
Chronic lower respiratory diseases	197	3.2
Assault (homicide)	161	2.6
Certain conditions originating in the perinatal period	160	2.6
All other causes	1562	25.5
Total	6128	100.0

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Hispanic, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	132	17.0
Diseases of heart	128	16.5
Accidents (unintentional injuries)	99	12.7
Cerebrovascular diseases	40	5.1
Certain conditions originating in the perinatal period	32	4.1
Chronic lower respiratory diseases	30	3.9
Diabetes mellitus	26	3.3
Assault (homicide)	24	3.1
Intentional self-harm (suicide)	19	2.4
Congenital malformations, deformations, & chromosomal abnormalities	17	2.2
All other causes	231	29.7
Total	778	100.0

Note:

*Cause of death categories were derived using the NCHS list of 50 rankable causes of death as specified by NCHS. For specific codes, see Appendix E.

Source:

Delaware Health Statistics Center

TABLE F-10
TEN LEADING CAUSES OF DEATH BY RACE-SEX GROUP
DELAWARE, 2005-2009

White Male

Cause of Death*	Deaths	
	#	%
Diseases of heart	3970	26.4
Malignant neoplasms	3966	26.4
Accidents (unintentional injuries)	890	5.9
Chronic lower respiratory diseases	825	5.5
Cerebrovascular diseases	565	3.8
Diabetes mellitus	403	2.7
Intentional self-harm (suicide)	329	2.2
Nephritis, nephrotic syndrome & nephrosis	292	1.9
Influenza & pneumonia	277	1.8
Alzheimer's disease	272	1.8
All other causes	3235	21.5
Total	15024	100.0

White Females

Cause of Death*	Deaths	
	#	%
Diseases of heart	3839	25.0
Malignant neoplasms	3624	23.6
Chronic lower respiratory diseases	999	6.5
Cerebrovascular diseases	964	6.3
Alzheimer's disease	574	3.7
Accidents (unintentional injuries)	479	3.1
Diabetes mellitus	392	2.6
Influenza & pneumonia	314	2.0
Nephritis, nephrotic syndrome & nephrosis	297	1.9
Septicemia	258	1.7
All other causes	3628	23.6
Total	15368	100.0

Black Males

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	720	23.2
Diseases of heart	693	22.3
Cerebrovascular diseases	164	5.3
Assault (homicide)	146	4.7
Accidents (unintentional injuries)	136	4.4
Diabetes mellitus	119	3.8
Human immunodeficiency virus (HIV) disease	116	3.7
Chronic lower respiratory diseases	108	3.5
Nephritis, nephrotic syndrome & nephrosis	102	3.3
Certain conditions originating in the perinatal period	85	2.7
All other causes	720	23.2
Total	3109	100.0

Black Females

Cause of Death*	Deaths	
	#	%
Diseases of heart	714	23.7
Malignant neoplasms	682	22.6
Cerebrovascular diseases	193	6.4
Diabetes mellitus	141	4.7
Nephritis, nephrotic syndrome & nephrosis	102	3.4
Human immunodeficiency virus (HIV) disease	95	3.1
Chronic lower respiratory diseases	89	2.9
Septicemia	80	2.6
Certain conditions originating in the perinatal period	75	2.5
Accidents (unintentional injuries)	71	2.4
All other causes	777	25.7
Total	3019	100.0

Hispanic Males

Cause of Death*	Deaths	
	#	%
Accidents (unintentional injuries)	77	17.0
Diseases of heart	75	16.6
Malignant neoplasms	72	15.9
Assault (homicide)	20	4.4
Certain conditions originating in the perinatal period	19	4.2
Cerebrovascular diseases	17	3.8
Chronic lower respiratory diseases	16	3.5
Intentional self-harm (suicide)	15	3.3
Chronic liver disease & cirrhosis	12	2.7
Diabetes mellitus	10	2.2
All other causes	119	26.3
Total	452	100.0

Hispanic Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	60	18.4
Diseases of heart	53	16.3
Cerebrovascular diseases	23	7.1
Accidents (unintentional injuries)	22	6.7
Diabetes mellitus	16	4.9
Chronic lower respiratory diseases	14	4.3
Certain conditions originating in the perinatal period	13	4.0
Septicemia	11	3.4
Alzheimer's disease	10	3.1
Birth defects ¹	8	2.5
All other causes	96	29.4
Total	326	100.0

Notes:

*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.
1. Birth defects refer to deaths due to congenital malformations, deformations, & chromosomal abnormalities.

Source:

Delaware Health Statistics Center

LCODRCS

TABLE F-11
TEN LEADING CAUSES OF DEATH BY AGE
DELAWARE, 2005-2009

1-4 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	16	37.9
Malignant neoplasms	4	12.1
Birth defects ¹	3	10.3
Cerebrovascular diseases	3	6.9
Diseases of heart	3	5.2
Certain conditions originating in the perinatal period	2	5.2
Influenza & pneumonia	2	1.7
Assault (homicide)	1	1.7
Other	12	19.0
Total	46	100.0

5-14 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	25	38.5
Malignant neoplasms	12	18.5
Assault (homicide)	3	4.6
Cerebrovascular diseases	3	4.6
Diseases of heart	3	4.6
Birth defects ¹	2	3.1
Anemias	2	3.1
Septicemia	2	3.1
Intentional self-harm (suicide)	1	1.5
Pneumonitis due to solids & liquids	1	1.5
All other causes	11	16.9
Total	65	100.0

15-24 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	190	43.1
Assault (homicide)	88	20.0
Intentional self-harm (suicide)	56	12.7
Malignant neoplasms	24	5.4
Diseases of heart	11	2.5
Birth defects ¹	6	1.4
Influenza & pneumonia	3	0.7
Septicemia	3	0.7
Pregnancy, childbirth & the puerperium	2	0.5
Nephritis, nephrotic syndrome & nephrosis	2	0.5
All other causes	56	12.7
Total	441	100.0

25-44 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	474	24.4
Diseases of heart	270	13.9
Malignant neoplasms	254	13.1
Intentional self-harm (suicide)	161	8.3
Assault (homicide)	124	6.4
Human immunodeficiency virus (HIV) disease	92	4.7
Diabetes mellitus	43	2.2
Chronic liver disease & cirrhosis	36	1.8
Cerebrovascular diseases	34	1.7
Septicemia	23	1.2
All other causes	435	22.4
Total	1946	100.0

45-64 Years

Cause of Death*	Deaths	
	Number	Percent
Malignant neoplasms	2465	33.7
Diseases of heart	1682	23.0
Accidents (unintentional injuries)	380	5.2
Cerebrovascular diseases	231	3.2
Diabetes mellitus	223	3.0
Chronic lower respiratory diseases	217	3.0
Chronic liver disease & cirrhosis	214	2.9
Intentional self-harm (suicide)	189	2.6
Human immunodeficiency virus (HIV) disease	168	2.3
Septicemia	136	1.9
All other causes	1410	19.3
Total	7315	100.0

65+ Years

Cause of Death*	Deaths	
	Number	Percent
Diseases of heart	7337	27.6
Malignant neoplasms	6330	23.8
Chronic lower respiratory diseases	1792	6.7
Cerebrovascular diseases	1629	6.1
Alzheimer's disease	922	3.5
Diabetes mellitus	800	3.0
Nephritis, nephrotic syndrome & nephrosis	655	2.5
Influenza & pneumonia	572	2.1
Accidents (unintentional injuries)	505	1.9
Septicemia	441	1.7
All other causes	5624	21.1
Total	26607	100.0

Notes:

*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.

1. Birth defects refer to deaths due to congenital malformations, deformations, & chromosomal abnormalities.

Source:

Delaware Health Statistics Center

LC0ADAGE

TABLE F-12
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(ALL RACES, BOTH SEXES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	1784	1	0	0	0	1	1	10	51	128	197	281	1114	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	15	0	0	0	0	0	0	0	0	0	2	5	8	0
Hypertensive heart disease (I11)	69	0	0	0	0	0	0	2	3	18	11	3	32	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	2	1	0	4	0
Ischemic heart disease (I20-I25)	1183	0	0	0	0	0	0	4	30	70	141	199	739	0
All other forms of heart disease (I26-I51)	510	1	0	0	0	1	1	4	18	38	42	74	331	0
Malignant Neoplasms (C00-C97)	1801	0	1	1	2	2	4	9	33	158	344	511	736	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	20	0	0	0	0	0	0	0	0	3	5	8	4	0
Malignant neoplasms of digestive organs (C15-C26)	426	0	0	0	0	0	0	1	4	43	88	113	177	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	537	0	0	0	0	0	1	1	3	33	108	178	213	0
Malignant neoplasms of breast (C50)	115	0	0	0	0	0	0	0	6	19	25	31	34	0
Malignant neoplasms of female genital organs, (C51-C58)	92	0	0	0	0	0	0	1	3	9	19	29	31	0
Malignant neoplasms of male genital organs, (C60-C63)	93	0	0	0	0	0	0	0	0	2	6	24	61	0
Malignant neoplasms of urinary tract (C64-C68)	80	0	0	0	0	0	0	0	3	8	17	15	37	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	41	0	1	1	0	1	0	1	5	6	5	9	12	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	190	0	0	0	0	1	2	3	3	16	28	45	92	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	207	0	0	0	2	0	1	2	6	19	43	59	75	0
Cerebrovascular Diseases (I60-I69)	412	2	1	1	0	0	0	1	6	32	32	49	288	0

TABLE F-12 (continued)
(2009 - Delaware, All Races, Both Sexes)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	429	0	0	0	0	0	0	1	2	18	35	100	273	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	334	2	0	5	7	14	23	50	42	59	21	31	80	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)	105	0	0	3	5	10	8	19	12	23	6	8	11	0
Nontransport Accidents (W00-X59, Y86)	223	2	0	2	0	4	15	29	30	36	15	21	69	0
Diabetes Mellitus (E10-E14)	206	0	0	0	0	1	0	4	5	19	29	39	109	0
Influenza and pneumonia (J10-J18)	129	0	0	0	0	0	1	1	3	8	17	10	89	0
Alzheimer's Disease (G30)	163	0	0	0	0	0	0	0	0	0	1	12	150	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	175	1	0	0	0	0	0	3	1	12	22	37	99	0
Septicemia (A40-A41)	117	0	0	1	0	0	0	0	4	11	15	24	62	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	106	0	0	0	0	3	9	16	21	27	15	10	5	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	93	0	0	0	0	0	0	0	0	34	24	17	18	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	57	0	0	0	0	0	0	0	3	1	2	6	45	0
Aortic aneurysm and dissection (I71)	34	0	0	0	0	0	0	1	0	3	4	5	21	0
Assault (homicide) (X85-Y09, Y87.1)	44	0	0	0	0	10	11	10	7	1	4	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	40	0	0	0	0	0	0	2	12	16	9	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	57	56	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	23	11	2	1	0	0	1	1	2	0	2	2	1	0
All Other Causes	1494	18	2	1	1	7	4	23	35	109	120	178	996	0
TOTAL	7498	91	7	10	10	38	54	132	227	636	893	1313	4087	0

Note:
*ICD Codes, Tenth Revision.

Source:
Delaware Health Statistics Center

LCDAGEDE

TABLE F-13
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
KENT, 2009

(ALL RACES, BOTH SEXES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	358	0	0	0	0	0	0	2	10	33	42	56	215	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	0	2	1	0
Hypertensive heart disease (I11)	8	0	0	0	0	0	0	0	0	2	3	0	3	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	2	0	0	1	0
Ischemic heart disease (I20-I25)	251	0	0	0	0	0	0	1	7	18	32	35	158	0
All other forms of heart disease (I26-I51)	93	0	0	0	0	0	0	1	3	11	7	19	52	0
Malignant Neoplasms (C00-C97)	339	0	0	1	0	0	1	1	3	41	68	97	127	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	3	0	0	0	0	0	0	0	0	0	1	1	1	0
Malignant neoplasms of digestive organs (C15-C26)	91	0	0	0	0	0	0	0	0	16	15	25	35	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	104	0	0	0	0	0	1	1	0	9	27	31	35	0
Malignant neoplasms of breast (C50)	25	0	0	0	0	0	0	0	1	6	6	4	8	0
Malignant neoplasms of female genital organs, (C51-C58)	19	0	0	0	0	0	0	0	1	3	3	9	3	0
Malignant neoplasms of male genital organs, (C60-C63)	10	0	0	0	0	0	0	0	0	0	1	1	8	0
Malignant neoplasms of urinary tract (C64-C68)	18	0	0	0	0	0	0	0	0	1	5	2	10	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	6	0	0	1	0	0	0	0	1	0	1	2	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	30	0	0	0	0	0	0	0	0	2	1	12	15	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	33	0	0	0	0	0	0	0	0	4	8	10	11	0
Cerebrovascular Diseases (I60-I69)	71	2	0	0	0	0	0	1	3	9	4	10	42	0

TABLE F-13 (continued)
(2009 - Kent, All Races, Both Sexes)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	91	0	0	0	0	0	0	0	1	5	11	20	54	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	22	0	0	0	0	0	0	0	2	2	3	4	11	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)	21	0	0	3	0	3	2	4	2	2	0	3	2	0
Nontransport Accidents (W00-X59, Y86)	30	0	0	0	0	0	2	6	6	5	1	4	6	0
Diabetes Mellitus (E10-E14)	50	0	0	0	0	0	0	1	4	7	12	11	15	0
Influenza and pneumonia (J10-J18)	24	0	0	0	0	0	0	0	0	1	6	4	13	0
Alzheimer's Disease (G30)	29	0	0	0	0	0	0	0	0	0	0	2	27	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	21	0	0	0	0	0	0	1	0	2	2	7	9	0
Septicemia (A40-A41)	22	0	0	0	0	0	0	0	2	2	3	4	11	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	20	0	0	0	0	1	3	3	4	6	1	1	1	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	17	0	0	0	0	0	0	0	0	4	4	5	4	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	13	0	0	0	0	0	0	0	0	1	0	2	10	0
Aortic aneurysm and dissection (I71)	3	0	0	0	0	0	0	0	0	1	0	0	2	0
Assault (homicide) (X85-Y09, Y87.1)	2	0	0	0	0	0	2	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	5	0	0	0	0	0	0	1	2	2	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	13	13	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	4	1	0	1	0	0	0	0	0	0	2	0	0	0
All Other Causes	275	2	1	3	0	4	5	16	17	29	16	38	144	0
TOTAL	1379	18	1	5	0	5	11	26	48	145	174	261	685	0

Note:
*ICD Codes, Tenth Revision.

Source:
Delaware Health Statistics Center

LCDAGEKT

TABLE F-14
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
NEW CASTLE, 2009
(ALL RACES, BOTH SEXES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	919	1	0	0	0	1	1	5	30	69	119	138	555	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	8	0	0	0	0	0	0	0	0	0	2	2	4	0
Hypertensive heart disease (I11)	48	0	0	0	0	0	0	1	3	15	7	2	20	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Ischemic heart disease (I20-I25)	578	0	0	0	0	0	0	2	16	31	82	99	348	0
All other forms of heart disease (I26-I51)	283	1	0	0	0	1	1	2	11	23	27	35	182	0
Malignant Neoplasms (C00-C97)	965	0	1	0	2	1	3	6	24	88	192	252	396	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	8	0	0	0	0	0	0	0	0	2	1	3	2	0
Malignant neoplasms of digestive organs (C15-C26)	215	0	0	0	0	0	0	0	4	18	52	52	89	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	268	0	0	0	0	0	0	0	2	16	53	86	111	0
Malignant neoplasms of breast (C50)	58	0	0	0	0	0	0	0	4	9	12	16	17	0
Malignant neoplasms of female genital organs, (C51-C58)	51	0	0	0	0	0	0	1	2	5	12	15	16	0
Malignant neoplasms of male genital organs, (C60-C63)	53	0	0	0	0	0	0	0	0	1	1	17	34	0
Malignant neoplasms of urinary tract (C64-C68)	47	0	0	0	0	0	0	0	1	6	11	10	19	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	24	0	1	0	0	1	0	0	3	5	2	4	8	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	116	0	0	0	0	0	2	3	3	13	22	20	53	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	125	0	0	0	2	0	1	2	5	13	26	29	47	0
Cerebrovascular Diseases (I60-I69)	248	0	1	0	0	0	0	0	2	18	23	30	174	0

TABLE F-14 (continued)
(2009 - New Castle, All Races, Both Sexes)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	219	0	0	0	0	0	0	1	1	12	17	50	138	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	173	1	0	2	3	4	10	30	20	37	14	11	41	0
Motor Vehicle Accidents (V02-V04, (V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	46	0	0	0	1	3	4	9	3	16	3	3	4	0
Nontransport Accidents (W00-X59, Y86)	123	1	0	2	0	1	6	20	17	21	11	7	37	0
Diabetes Mellitus (E10-E14)	110	0	0	0	0	1	0	2	1	10	12	20	64	0
Influenza and pneumonia (J10-J18)	73	0	0	0	0	0	1	1	3	6	8	5	49	0
Alzheimer's Disease (G30)	71	0	0	0	0	0	0	0	0	0	1	5	65	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	104	1	0	0	0	0	0	2	0	7	14	16	64	0
Septicemia (A40-A41)	64	0	0	1	0	0	0	0	1	5	6	11	40	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	63	0	0	0	0	2	6	10	11	17	11	5	1	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	49	0	0	0	0	0	0	0	0	25	13	5	6	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	31	0	0	0	0	0	0	0	2	0	1	4	24	0
Aortic aneurysm and dissection (I71)	22	0	0	0	0	0	0	1	0	2	4	3	12	0
Assault (homicide) (X85-Y09, Y87.1)	37	0	0	0	0	10	9	8	6	0	4	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	33	0	0	0	0	0	0	0	9	14	9	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	37	36	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	14	8	1	0	0	0	0	1	2	0	0	1	1	0
All Other Causes	868	10	1	0	1	5	3	7	18	56	72	95	600	0
TOTAL	4100	57	5	3	6	24	33	74	130	366	520	652	2230	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGENC

TABLE F-15
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
CITY OF WILMINGTON, 2009
(ALL RACES, BOTH SEXES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	155	0	0	0	0	1	0	0	8	17	25	28	76	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	1	1	1	0
Hypertensive heart disease (I11)	5	0	0	0	0	0	0	0	0	1	1	0	3	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)	104	0	0	0	0	0	0	0	4	8	19	20	53	0
All other forms of heart disease (I26-I51)	42	0	0	0	0	1	0	0	4	8	4	7	18	0
Malignant Neoplasms (C00-C97)	133	0	0	0	1	0	0	1	6	12	27	38	48	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Malignant neoplasms of digestive organs (C15-C26)	36	0	0	0	0	0	0	0	2	3	4	10	17	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	34	0	0	0	0	0	0	0	0	4	8	11	11	0
Malignant neoplasms of breast (C50)	6	0	0	0	0	0	0	0	0	0	2	1	3	0
Malignant neoplasms of female genital organs, (C51-C58)	10	0	0	0	0	0	0	0	1	0	3	4	2	0
Malignant neoplasms of male genital organs, (C60-C63)	9	0	0	0	0	0	0	0	0	0	0	4	5	0
Malignant neoplasms of urinary tract (C64-C68)	9	0	0	0	0	0	0	0	1	0	2	1	5	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	9	0	0	0	0	0	0	1	0	2	1	2	3	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	19	0	0	0	1	0	0	0	2	2	7	5	2	0
Cerebrovascular Diseases (I60-I69)	46	0	1	0	0	0	0	0	0	6	4	6	29	0

TABLE F-15 (continued)
(2009 - City of Wilmington, All Races, Both Sexes)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	29	0	0	0	0	0	0	1	0	2	3	6	17	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	20	0	0	0	0	0	1	3	0	6	3	3	4	0
Motor Vehicle Accidents (V02-V04, (V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	5	0	0	0	0	0	1	1	0	2	0	0	1	0
Nontransport Accidents (W00-X59, Y86)	15	0	0	0	0	0	0	2	0	4	3	3	3	0
Diabetes Mellitus (E10-E14)	32	0	0	0	0	0	0	0	0	4	4	4	20	0
Influenza and pneumonia (J10-J18)	9	0	0	0	0	0	0	0	0	1	3	1	4	0
Alzheimer's Disease (G30)	11	0	0	0	0	0	0	0	0	0	0	0	11	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	19	0	0	0	0	0	0	0	0	3	3	3	10	0
Septicemia (A40-A41)	10	0	0	0	0	0	0	0	0	1	2	2	5	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	9	0	0	0	0	1	1	1	1	2	2	1	0	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	8	0	0	0	0	0	0	0	0	6	0	1	1	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	10	0	0	0	0	0	0	0	1	0	0	2	7	0
Aortic aneurysm and dissection (I71)	5	0	0	0	0	0	0	1	0	1	1	1	1	0
Assault (homicide) (X85-Y09, Y87.1)	20	0	0	0	0	4	6	6	2	0	2	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	26	0	0	0	0	0	0	0	7	10	8	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	13	12	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	2	2	0	0	0	0	0	0	0	0	0	0	0	0
All Other Causes	135	4	0	0	0	0	0	2	3	9	18	12	87	0
TOTAL	692	18	2	0	1	6	8	15	28	80	105	109	320	0

Note:

*ICD Codes, Tenth Revision.

LCDAGEWLM

Source:

Delaware Health Statistics Center

TABLE F-16
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
SUSSEX, 2009
(ALL RACES, BOTH SEXES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	507	0	0	0	0	0	0	3	11	26	36	87	344	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	4	0	0	0	0	0	0	0	0	0	0	1	3	0
Hypertensive heart disease (I11)	13	0	0	0	0	0	0	1	0	1	1	1	9	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	0	0	0	0	2	0
Ischemic heart disease (I20-I25)	354	0	0	0	0	0	0	1	7	21	27	65	233	0
All other forms of heart disease (I26-I51)	134	0	0	0	0	0	0	1	4	4	8	20	97	0
Malignant Neoplasms (C00-C97)	497	0	0	0	0	1	0	2	6	29	84	162	213	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	9	0	0	0	0	0	0	0	0	1	3	4	1	0
Malignant neoplasms of digestive organs (C15-C26)	120	0	0	0	0	0	0	1	0	9	21	36	53	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	165	0	0	0	0	0	0	0	1	8	28	61	67	0
Malignant neoplasms of breast (C50)	32	0	0	0	0	0	0	0	1	4	7	11	9	0
Malignant neoplasms of female genital organs, (C51-C58)	22	0	0	0	0	0	0	0	0	1	4	5	12	0
Malignant neoplasms of male genital organs, (C60-C63)	30	0	0	0	0	0	0	0	0	1	4	6	19	0
Malignant neoplasms of urinary tract (C64-C68)	15	0	0	0	0	0	0	0	2	1	1	3	8	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	11	0	0	0	0	0	0	1	1	1	2	3	3	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	44	0	0	0	0	1	0	0	0	1	5	13	24	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	49	0	0	0	0	0	0	0	1	2	9	20	17	0
Cerebrovascular Diseases (I60-I69)	93	0	0	1	0	0	0	0	1	5	5	9	72	0

TABLE F-16 (continued)
(2009 - Sussex, All Races, Both Sexes)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	119	0	0	0	0	0	0	0	0	1	7	30	81	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	109	1	0	0	4	7	9	9	14	15	6	13	31	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)	38	0	0	0	4	4	2	6	7	5	3	2	5	0
Nontransport Accidents (W00-X59, Y86)	70	1	0	0	0	3	7	3	7	10	3	10	26	0
Diabetes Mellitus (E10-E14)	46	0	0	0	0	0	0	1	0	2	5	8	30	0
Influenza and pneumonia (J10-J18)	32	0	0	0	0	0	0	0	0	1	3	1	27	0
Alzheimer's Disease (G30)	63	0	0	0	0	0	0	0	0	0	0	5	58	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	50	0	0	0	0	0	0	0	1	3	6	14	26	0
Septicemia (A40-A41)	31	0	0	0	0	0	0	0	1	4	6	9	11	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	23	0	0	0	0	0	0	3	6	4	3	4	3	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	27	0	0	0	0	0	0	0	0	5	7	7	8	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	13	0	0	0	0	0	0	0	1	0	1	0	11	0
Aortic aneurysm and dissection (I71)	9	0	0	0	0	0	0	0	0	0	0	2	7	0
Assault (homicide) (X85-Y09, Y87.1)	5	0	0	0	0	0	0	2	1	1	0	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	2	0	0	0	0	0	0	1	1	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	7	7	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	5	2	1	0	0	0	1	0	0	0	0	1	0	0
All Other Causes	381	6	0	1	0	1	0	11	6	29	30	48	249	0
TOTAL	2019	16	1	2	4	9	10	32	49	125	199	400	1172	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGESX

TABLE F-17
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(ALL RACES, MALES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	901	1	0	0	0	1	0	7	37	94	135	175	451	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Hypertensive heart disease (I11)	35	0	0	0	0	0	0	1	3	11	9	2	9	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Ischemic heart disease (I20-I25)	612	0	0	0	0	0	0	3	24	55	99	131	300	0
All other forms of heart disease (I26-I51)	251	1	0	0	0	1	0	3	10	28	26	41	141	0
Malignant Neoplasms (C00-C97)	959	0	0	0	1	2	4	6	11	86	198	274	377	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	15	0	0	0	0	0	0	0	0	3	5	5	2	0
Malignant neoplasms of digestive organs (C15-C26)	259	0	0	0	0	0	0	1	1	35	62	70	90	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	291	0	0	0	0	0	1	0	2	14	65	98	111	0
Malignant neoplasms of breast (C50)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	93	0	0	0	0	0	0	0	0	2	6	24	61	0
Malignant neoplasms of urinary tract (C64-C68)	42	0	0	0	0	0	0	0	1	5	14	7	15	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	24	0	0	0	0	1	0	1	3	5	3	6	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	108	0	0	0	0	1	2	3	2	8	17	27	48	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	126	0	0	0	1	0	1	1	2	14	25	37	45	0
Cerebrovascular Diseases (I60-I69)	151	1	0	0	0	0	0	1	4	14	20	26	85	0

TABLE F-17 (continued)
(2009 - All Races, Male)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	192	0	0	0	0	0	0	1	0	11	16	50	114	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	214	1	0	3	4	9	16	36	31	34	15	24	41	0
Motor Vehicle Accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	68	0	0	1	2	5	6	15	9	15	4	4	7	0
Nontransport Accidents (W00-X59, Y86)	141	1	0	2	0	4	10	20	22	19	11	18	34	0
Diabetes Mellitus (E10-E14)	102	0	0	0	0	0	0	2	4	10	13	26	47	0
Influenza and pneumonia (J10-J18)	70	0	0	0	0	0	0	0	1	5	14	4	46	0
Alzheimer's Disease (G30)	54	0	0	0	0	0	0	0	0	0	0	8	46	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	82	1	0	0	0	0	0	3	1	8	8	19	42	0
Septicemia (A40-A41)	46	0	0	1	0	0	0	0	2	6	9	9	19	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	85	0	0	0	0	3	7	14	18	17	12	10	4	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	60	0	0	0	0	0	0	0	0	26	17	9	8	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	24	0	0	0	0	0	0	0	2	1	2	4	15	0
Aortic aneurysm and dissection (I71)	17	0	0	0	0	0	0	1	0	2	2	2	10	0
Assault (homicide) (X85-Y09, Y87.1)	35	0	0	0	0	9	9	9	6	1	1	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	26	0	0	0	0	0	0	2	8	10	5	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	31	31	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	12	6	1	0	0	0	1	0	2	0	0	1	1	0
All Other Causes	655	7	1	0	0	2	2	13	17	62	73	95	383	0
TOTAL	3716	48	2	4	5	26	39	95	144	387	540	737	1689	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGMAL

TABLE F-18
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(ALL RACES, FEMALES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	883	0	0	0	0	0	1	3	14	34	62	106	663	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	14	0	0	0	0	0	0	0	0	0	2	4	8	0
Hypertensive heart disease (I11)	34	0	0	0	0	0	0	1	0	7	2	1	23	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	2	0	0	3	0
Ischemic heart disease (I20-I25)	571	0	0	0	0	0	0	1	6	15	42	68	439	0
All other forms of heart disease (I26-I51)	259	0	0	0	0	0	1	1	8	10	16	33	190	0
Malignant Neoplasms (C00-C97)	842	0	1	1	1	0	0	3	22	72	146	237	359	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	5	0	0	0	0	0	0	0	0	0	0	3	2	0
Malignant neoplasms of digestive organs (C15-C26)	167	0	0	0	0	0	0	0	3	8	26	43	87	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	246	0	0	0	0	0	0	1	1	19	43	80	102	0
Malignant neoplasms of breast (C50)	114	0	0	0	0	0	0	0	6	19	24	31	34	0
Malignant neoplasms of female genital organs, (C51-C58)	92	0	0	0	0	0	0	1	3	9	19	29	31	0
Malignant neoplasms of urinary tract (C64-C68)	38	0	0	0	0	0	0	0	2	3	3	8	22	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	17	0	1	1	0	0	0	0	2	1	2	3	7	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	82	0	0	0	0	0	0	0	1	8	11	18	44	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	81	0	0	0	1	0	0	1	4	5	18	22	30	0
Cerebrovascular Diseases (I60-I69)	261	1	1	1	0	0	0	0	2	18	12	23	203	0

TABLE F-18 (continued)
(2009 - All Races, Female)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	237	0	0	0	0	0	0	0	2	7	19	50	159	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	120	1	0	2	3	5	7	14	11	25	6	7	39	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)	37	0	0	2	3	5	2	4	3	8	2	4	4	0
Nontransport Accidents (W00-X59, Y86)	82	1	0	0	0	0	5	9	8	17	4	3	35	0
Diabetes Mellitus (E10-E14)	104	0	0	0	0	1	0	2	1	9	16	13	62	0
Influenza and pneumonia (J10-J18)	59	0	0	0	0	0	1	1	2	3	3	6	43	0
Alzheimer's Disease (G30)	109	0	0	0	0	0	0	0	0	0	1	4	104	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	93	0	0	0	0	0	0	0	0	4	14	18	57	0
Septicemia (A40-A41)	71	0	0	0	0	0	0	0	2	5	6	15	43	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	21	0	0	0	0	0	2	2	3	10	3	0	1	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	33	0	0	0	0	0	0	0	0	8	7	8	10	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	33	0	0	0	0	0	0	0	1	0	0	2	30	0
Aortic aneurysm and dissection (I71)	17	0	0	0	0	0	0	0	0	1	2	3	11	0
Assault (homicide) (X85-Y09, Y87.1)	9	0	0	0	0	1	2	1	1	0	3	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	14	0	0	0	0	0	0	0	4	6	4	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	26	25	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	11	5	1	1	0	0	0	1	0	0	2	1	0	0
All Other Causes	839	11	1	1	1	5	2	10	18	47	47	83	613	0
TOTAL	3782	43	5	6	5	12	15	37	83	249	353	576	2398	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGFEM

TABLE F-19
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(WHITE, BOTH SEXES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	1479	1	0	0	0	0	0	8	27	88	146	221	988	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	12	0	0	0	0	0	0	0	0	0	1	4	7	0
Hypertensive heart disease (I11)	53	0	0	0	0	0	0	2	1	15	10	2	23	0
Hypertensive heart and renal disease (I13)	5	0	0	0	0	0	0	0	0	0	1	0	4	0
Ischemic heart disease (I20-I25)	993	0	0	0	0	0	0	4	18	53	107	156	655	0
All other forms of heart disease (I26-I51)	416	1	0	0	0	0	0	2	8	20	27	59	299	0
Malignant Neoplasms (C00-C97)	1476	0	0	1	2	1	3	6	22	113	263	420	645	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	15	0	0	0	0	0	0	0	0	2	3	7	3	0
Malignant neoplasms of digestive organs (C15-C26)	337	0	0	0	0	0	0	1	3	29	63	87	154	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	443	0	0	0	0	0	0	1	2	23	77	153	187	0
Malignant neoplasms of breast (C50)	97	0	0	0	0	0	0	0	4	14	22	26	31	0
Malignant neoplasms of female genital organs, (C51-C58)	68	0	0	0	0	0	0	1	1	7	15	19	25	0
Malignant neoplasms of male genital organs, (C60-C63)	69	0	0	0	0	0	0	0	0	1	5	17	46	0
Malignant neoplasms of urinary tract (C64-C68)	66	0	0	0	0	0	0	0	1	4	15	13	33	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	37	0	0	1	0	1	0	1	5	5	5	8	11	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	163	0	0	0	0	0	2	0	2	12	26	39	82	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	181	0	0	0	2	0	1	2	4	16	32	51	73	0
Cerebrovascular Diseases (I60-I69)	320	1	0	1	0	0	0	1	2	16	16	40	243	0

TABLE F-19 (continued)
(2009 - White, Both Sexes)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	384	0	0	0	0	0	0	0	2	15	33	84	250	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	283	1	0	4	5	12	21	41	36	44	18	24	77	0
Motor Vehicle Accidents (V02-V04, (V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	85	0	0	3	3	8	7	15	9	15	6	8	11	0
Nontransport Accidents (W00-X59, Y86)	192	1	0	1	0	4	14	24	27	29	12	14	66	0
Diabetes Mellitus (E10-E14)	154	0	0	0	0	0	0	3	5	11	18	31	86	0
Influenza and pneumonia (J10-J18)	117	0	0	0	0	0	0	1	2	8	12	8	86	0
Alzheimer's Disease (G30)	142	0	0	0	0	0	0	0	0	0	1	11	130	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	128	0	0	0	0	0	0	1	1	5	15	21	85	0
Septicemia (A40-A41)	88	0	0	1	0	0	0	0	4	8	7	18	50	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	92	0	0	0	0	0	8	13	18	25	15	8	5	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	81	0	0	0	0	0	0	0	0	28	23	14	16	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	43	0	0	0	0	0	0	0	0	1	2	4	36	0
Aortic aneurysm and dissection (I71)	26	0	0	0	0	0	0	0	0	2	3	4	17	0
Assault (homicide) (X85-Y09, Y87.1)	17	0	0	0	0	1	3	5	4	0	3	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	7	0	0	0	0	0	0	1	3	2	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	15	15	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	18	6	2	1	0	0	1	1	2	0	2	2	1	0
All Other Causes	1243	6	1	1	1	4	3	14	23	82	97	145	866	0
TOTAL	6113	30	3	9	8	18	39	95	151	448	675	1055	3582	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGWHT

TABLE F-20
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(WHITE MALES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	749	1	0	0	0	0	0	6	19	66	105	143	409	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Hypertensive heart disease (I11)	26	0	0	0	0	0	0	1	1	8	8	2	6	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Ischemic heart disease (I20-I25)	513	0	0	0	0	0	0	3	14	42	77	106	271	0
All other forms of heart disease (I26-I51)	207	1	0	0	0	0	0	2	4	16	19	34	131	0
Malignant Neoplasms (C00-C97)	783	0	0	0	1	1	3	3	9	59	152	222	333	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	10	0	0	0	0	0	0	0	0	2	3	4	1	0
Malignant neoplasms of digestive organs (C15-C26)	208	0	0	0	0	0	0	1	1	23	47	55	81	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	233	0	0	0	0	0	0	0	2	9	44	79	99	0
Malignant neoplasms of breast (C50)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	69	0	0	0	0	0	0	0	0	1	5	17	46	0
Malignant neoplasms of urinary tract (C64-C68)	36	0	0	0	0	0	0	0	1	3	12	6	14	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	24	0	0	0	0	1	0	1	3	5	3	6	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	92	0	0	0	0	0	2	0	1	5	17	23	44	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	110	0	0	0	1	0	1	1	1	11	20	32	43	0
Cerebrovascular Diseases (I60-I69)	116	0	0	0	0	0	0	1	2	6	12	20	75	0

TABLE F-20 (continued)
(2009 - White Males)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	169	0	0	0	0	0	0	0	0	9	15	40	105	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	180	1	0	2	4	7	14	31	25	25	12	19	40	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)	54	0	0	1	2	3	5	12	6	10	4	4	7	0
Nontransport Accidents (W00-X59, Y86)	121	1	0	1	0	4	9	18	19	15	8	13	33	0
Diabetes Mellitus (E10-E14)	82	0	0	0	0	0	0	2	4	7	10	20	39	0
Influenza and pneumonia (J10-J18)	64	0	0	0	0	0	0	0	1	5	11	3	44	0
Alzheimer's Disease (G30)	50	0	0	0	0	0	0	0	0	0	0	8	42	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	60	0	0	0	0	0	0	1	1	3	4	13	38	0
Septicemia (A40-A41)	34	0	0	1	0	0	0	0	2	6	3	8	14	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	71	0	0	0	0	0	6	11	15	15	12	8	4	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	55	0	0	0	0	0	0	0	0	23	16	8	8	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	18	0	0	0	0	0	0	0	0	1	2	3	12	0
Aortic aneurysm and dissection (I71)	15	0	0	0	0	0	0	0	0	1	2	2	10	0
Assault (homicide) (X85-Y09, Y87.1)	10	0	0	0	0	1	1	5	3	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	5	0	0	0	0	0	0	1	2	2	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	9	9	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	8	2	1	0	0	0	1	0	2	0	0	1	1	0
All Other Causes	534	3	1	0	0	1	1	7	11	48	62	76	324	0
TOTAL	3012	16	2	3	5	10	26	68	96	276	418	594	1498	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGEWM

TABLE F-21
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(WHITE FEMALES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	730	0	0	0	0	0	0	2	8	22	41	78	579	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	11	0	0	0	0	0	0	0	0	0	1	3	7	0
Hypertensive heart disease (I11)	27	0	0	0	0	0	0	1	0	7	2	0	17	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	0	0	0	3	0
Ischemic heart disease (I20-I25)	480	0	0	0	0	0	0	1	4	11	30	50	384	0
All other forms of heart disease (I26-I51)	209	0	0	0	0	0	0	0	4	4	8	25	168	0
Malignant Neoplasms (C00-C97)	693	0	0	1	1	0	0	3	13	54	111	198	312	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	5	0	0	0	0	0	0	0	0	0	0	3	2	0
Malignant neoplasms of digestive organs (C15-C26)	129	0	0	0	0	0	0	0	2	6	16	32	73	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	210	0	0	0	0	0	0	1	0	14	33	74	88	0
Malignant neoplasms of breast (C50)	96	0	0	0	0	0	0	0	4	14	21	26	31	0
Malignant neoplasms of female genital organs, (C51-C58)	68	0	0	0	0	0	0	1	1	7	15	19	25	0
Malignant neoplasms of urinary tract (C64-C68)	30	0	0	0	0	0	0	0	0	1	3	7	19	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	13	0	0	1	0	0	0	0	2	0	2	2	6	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	71	0	0	0	0	0	0	0	1	7	9	16	38	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	71	0	0	0	1	0	0	1	3	5	12	19	30	0
Cerebrovascular Diseases (I60-I69)	204	1	0	1	0	0	0	0	0	10	4	20	168	0

TABLE F-21 (continued)
(2009 - White Females)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	215	0	0	0	0	0	0	0	2	6	18	44	145	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	103	0	0	2	1	5	7	10	11	19	6	5	37	0
Motor Vehicle Accidents (V02-V04, (V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	31	0	0	2	1	5	2	3	3	5	2	4	4	0
Nontransport Accidents (W00-X59, Y86)	71	0	0	0	0	0	5	6	8	14	4	1	33	0
Diabetes Mellitus (E10-E14)	72	0	0	0	0	0	0	1	1	4	8	11	47	0
Influenza and pnuemonia (J10-J18)	53	0	0	0	0	0	0	1	1	3	1	5	42	0
Alzheimer's Disease (G30)	92	0	0	0	0	0	0	0	0	0	1	3	88	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	68	0	0	0	0	0	0	0	0	2	11	8	47	0
Septicemia (A40-A41)	54	0	0	0	0	0	0	0	2	2	4	10	36	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	21	0	0	0	0	0	2	2	3	10	3	0	1	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	26	0	0	0	0	0	0	0	0	5	7	6	8	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	25	0	0	0	0	0	0	0	0	0	0	1	24	0
Aortic aneurysm and dissection (I71)	11	0	0	0	0	0	0	0	0	1	1	2	7	0
Assault (homicide) (X85-Y09, Y87.1)	7	0	0	0	0	0	2	0	1	0	3	0	1	0
Human immunodeficiency virus (HIV) (B20-B24)	2	0	0	0	0	0	0	0	1	0	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	6	6	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	10	4	1	1	0	0	0	1	0	0	2	1	0	0
All Other Causes	709	3	0	1	1	3	2	7	12	34	35	69	542	0
TOTAL	3101	14	1	6	3	8	13	27	55	172	257	461	2084	0

Note:

*ICD Codes, Tenth Revision.

LCDAGEWF

Source:

Delaware Health Statistics Center

TABLE F-22
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(BLACK, BOTH SEXES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	277	0	0	0	0	1	1	2	23	37	49	54	110	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	1	1	1	0
Hypertensive heart disease (I11)	16	0	0	0	0	0	0	0	2	3	1	1	9	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	0	2	0	0	0	0
Ischemic heart disease (I20-I25)	168	0	0	0	0	0	0	0	11	14	32	38	73	0
All other forms of heart disease (I26-I51)	88	0	0	0	0	1	1	2	10	18	15	14	27	0
Malignant Neoplasms (C00-C97)	299	0	1	0	0	1	1	3	11	44	73	82	83	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	4	0	0	0	0	0	0	0	0	1	2	1	0	0
Malignant neoplasms of digestive organs (C15-C26)	81	0	0	0	0	0	0	0	1	14	20	24	22	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	89	0	0	0	0	0	1	0	1	10	30	23	24	0
Malignant neoplasms of breast (C50)	17	0	0	0	0	0	0	0	2	5	3	4	3	0
Malignant neoplasms of female genital organs, (C51-C58)	22	0	0	0	0	0	0	0	2	2	4	9	5	0
Malignant neoplasms of male genital organs, (C60-C63)	22	0	0	0	0	0	0	0	0	1	1	6	14	0
Malignant neoplasms of urinary tract (C64-C68)	13	0	0	0	0	0	0	0	2	4	2	2	3	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	4	0	1	0	0	0	0	0	0	1	0	1	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	26	0	0	0	0	1	0	3	1	4	2	6	9	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	21	0	0	0	0	0	0	0	2	2	9	6	2	0
Cerebrovascular Diseases (I60-I69)	84	1	1	0	0	0	0	0	4	16	13	9	40	0

TABLE F-22 (continued)
(2009 - Black, Both Sexes)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	39	0	0	0	0	0	0	1	0	3	2	12	21	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	48	1	0	1	2	2	2	9	5	14	2	7	3	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)	20	0	0	0	2	2	1	4	3	8	0	0	0	0
Nontransport Accidents (W00-X59, Y86)	28	1	0	1	0	0	1	5	2	6	2	7	3	0
Diabetes Mellitus (E10-E14)	49	0	0	0	0	1	0	1	0	7	10	8	22	0
Influenza and pneumonia (J10-J18)	11	0	0	0	0	0	1	0	1	0	5	2	2	0
Alzheimer's Disease (G30)	20	0	0	0	0	0	0	0	0	0	0	1	19	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	45	1	0	0	0	0	0	2	0	6	7	16	13	0
Septicemia (A40-A41)	24	0	0	0	0	0	0	0	0	3	7	5	9	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	14	0	0	0	0	3	1	3	3	2	0	2	0	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	11	0	0	0	0	0	0	0	0	6	1	2	2	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	13	0	0	0	0	0	0	0	3	0	0	2	8	0
Aortic aneurysm and dissection (I71)	8	0	0	0	0	0	0	1	0	1	1	1	4	0
Assault (homicide) (X85-Y09, Y87.1)	27	0	0	0	0	9	8	5	3	1	1	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	33	0	0	0	0	0	0	1	9	14	8	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	36	35	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	4	4	0	0	0	0	0	0	0	0	0	0	0	0
All Other Causes	228	12	1	0	0	3	1	8	12	26	21	30	114	0
TOTAL	1270	54	4	1	2	20	15	36	74	180	200	234	450	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGBLK

TABLE F-23
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(BLACK MALES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	141	0	0	0	0	1	0	1	17	26	29	28	39	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	9	0	0	0	0	0	0	0	2	3	1	0	3	0
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease (I20-I25)	89	0	0	0	0	0	0	0	9	11	21	22	26	0
All other forms of heart disease (I26-I51)	43	0	0	0	0	1	0	1	6	12	7	6	10	0
Malignant Neoplasms (C00-C97)	164	0	0	0	0	1	1	3	2	26	42	48	41	0
Malignant neoplasms of lip, oral and pharynx (C00-C14)	4	0	0	0	0	0	0	0	0	1	2	1	0	0
Malignant neoplasms of digestive organs (C15-C26)	47	0	0	0	0	0	0	0	0	12	12	14	9	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	55	0	0	0	0	0	1	0	0	5	20	18	11	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)	22	0	0	0	0	0	0	0	0	1	1	6	14	0
Malignant neoplasms of urinary tract (C64-C68)	6	0	0	0	0	0	0	0	0	2	2	1	1	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	16	0	0	0	0	1	0	3	1	3	0	4	4	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	14	0	0	0	0	0	0	0	1	2	5	4	2	0
Cerebrovascular Diseases (I60-I69)	33	1	0	0	0	0	0	0	2	8	7	6	9	0

TABLE F-23 (continued)
(2009 - Black Males)

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic Lower Respiratory Diseases (J40-J47)	19	0	0	0	0	0	0	1	0	2	1	7	8	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	32	0	0	1	0	2	2	5	5	9	2	5	1	0
Motor Vehicle Accidents (V02-V04, (V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	14	0	0	0	0	2	1	3	3	5	0	0	0	0
Nontransport Accidents (W00-X59, Y86)	18	0	0	1	0	0	1	2	2	4	2	5	1	0
Diabetes Mellitus (E10-E14)	18	0	0	0	0	0	0	0	0	2	2	6	8	0
Influenza and pneumonia (J10-J18)	5	0	0	0	0	0	0	0	0	0	3	1	1	0
Alzheimer's Disease (G30)	4	0	0	0	0	0	0	0	0	0	0	0	4	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	21	1	0	0	0	0	0	2	0	4	4	6	4	0
Septicemia (A40-A41)	9	0	0	0	0	0	0	0	0	0	5	1	3	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	14	0	0	0	0	3	1	3	3	2	0	2	0	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	5	0	0	0	0	0	0	0	0	3	1	1	0	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	5	0	0	0	0	0	0	0	2	0	0	1	2	0
Aortic aneurysm and dissection (I71)	2	0	0	0	0	0	0	1	0	1	0	0	0	0
Assault (homicide) (X85-Y09, Y87.1)	25	0	0	0	0	8	8	4	3	1	1	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	21	0	0	0	0	0	0	1	6	8	5	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	21	21	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	3	3	0	0	0	0	0	0	0	0	0	0	0	0
All Other Causes	110	4	0	0	0	1	1	5	6	14	10	17	52	0
TOTAL	652	30	0	1	0	16	13	26	46	106	112	130	172	0

Note:
*ICD Codes, Tenth Revision.

Source:
Delaware Health Statistics Center

LCDAGEBM

TABLE F-24
NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH
DELAWARE, 2009
(BLACK FEMALES)

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	136	0	0	0	0	0	1	1	6	11	20	26	71	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	3	0	0	0	0	0	0	0	0	0	1	1	1	0
Hypertensive heart disease (I11)	7	0	0	0	0	0	0	0	0	0	0	1	6	0
Hypertensive heart and renal disease (I13)	2	0	0	0	0	0	0	0	0	2	0	0	0	0
Ischemic heart disease (I20-I25)	79	0	0	0	0	0	0	0	2	3	11	16	47	0
All other forms of heart disease (I26-I51)	45	0	0	0	0	0	1	1	4	6	8	8	17	0
Malignant Neoplasms (C00-C97)	135	0	1	0	0	0	0	0	9	18	31	34	42	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)	34	0	0	0	0	0	0	0	1	2	8	10	13	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	34	0	0	0	0	0	0	0	1	5	10	5	13	0
Malignant neoplasms of breast (C50)	17	0	0	0	0	0	0	0	2	5	3	4	3	0
Malignant neoplasms of female genital organs, (C51-C58)	22	0	0	0	0	0	0	0	2	2	4	9	5	0
Malignant neoplasms of urinary tract (C64-C68)	7	0	0	0	0	0	0	0	2	2	0	1	2	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	4	0	1	0	0	0	0	0	0	1	0	1	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	10	0	0	0	0	0	0	0	0	1	2	2	5	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	7	0	0	0	0	0	0	0	1	0	4	2	0	0
Cerebrovascular Diseases (I60-I69)	51	0	1	0	0	0	0	0	2	8	6	3	31	0

TABLE F-24 (continued)
(2009 - 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+	
Chronic Lower Respiratory Diseases (J40-J47)	20	0	0	0	0	0	0	0	0	1	1	5	13	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	16	1	0	0	2	0	0	4	0	5	0	2	2	0
Motor Vehicle Accidents (V02-V04, (V09.0,V09.2,V12-V14, V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8,V89.0,V89.2)	6	0	0	0	2	0	0	1	0	3	0	0	0	0
Nontransport Accidents (W00-X59, Y86)	10	1	0	0	0	0	0	3	0	2	0	2	2	0
Diabetes Mellitus (E10-E14)	31	0	0	0	0	1	0	1	0	5	8	2	14	0
Influenza and pneumonia (J10-J18)	6	0	0	0	0	0	1	0	1	0	2	1	1	0
Alzheimer's Disease (G30)	16	0	0	0	0	0	0	0	0	0	0	1	15	0
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	24	0	0	0	0	0	0	0	0	2	3	10	9	0
Septicemia (A40-A41)	15	0	0	0	0	0	0	0	0	3	2	4	6	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and Cirrhosis (K70, K73-K74)	6	0	0	0	0	0	0	0	0	3	0	1	2	0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	8	0	0	0	0	0	0	0	1	0	0	1	6	0
Aortic aneurysm and dissection (I71)	6	0	0	0	0	0	0	0	0	0	1	1	4	0
Assault (homicide) (X85-Y09, Y87.1)	2	0	0	0	0	1	0	1	0	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	12	0	0	0	0	0	0	0	3	6	3	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	15	14	1	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	1	1	0	0	0	0	0	0	0	0	0	0	0	0
All Other Causes	118	8	1	0	0	2	0	3	6	12	11	13	62	0
TOTAL	618	24	4	0	2	4	2	10	28	74	88	104	278	0

Note:

*ICD Codes, Tenth Revision.

Source:

Delaware Health Statistics Center

LCDAGEBF

TABLE F-25
HIV INFECTION/AIDS¹ DEATHS BY COUNTY, RACE, HISPANIC² ORIGIN AND SEX
U.S., DELAWARE, AND COUNTIES, 1995-2009

Area/ Race	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Delaware	163	132	60	55	65	68	67	70	80	58	63	53	55	58	40
Males	132	101	45	47	49	46	47	51	58	36	43	33	33	27	26
White	55	36	10	8	14	11	10	14	18	7	8	9	13	11	5
Black	76	65	35	39	34	35	37	37	40	29	35	24	20	16	21
Females	31	31	15	8	16	22	20	19	22	22	20	20	22	31	14
White	8	5	1	1	2	2	1	6	3	6	2	1	1	6	2
Black	23	26	14	7	14	20	19	13	19	16	18	19	21	25	12
Kent	17	13	6	5	8	4	9	4	8	8	5	11	9	8	5
Males	14	9	6	3	5	0	5	4	7	5	2	7	5	2	5
White	7	4	1	0	3	0	2	0	2	2	0	1	2	1	2
Black	6	5	5	3	2	0	3	4	5	3	2	6	3	1	3
Females	3	4	0	2	3	4	4	0	1	3	3	4	4	6	0
White	0	2	0	0	0	2	0	0	1	0	0	0	0	1	0
Black	3	2	0	2	3	2	4	0	0	3	3	4	4	5	0
New Castle	121	109	49	44	45	54	52	56	69	46	51	34	39	42	33
Males	96	82	34	38	34	37	38	40	49	29	35	19	21	17	20
White	29	23	6	7	7	6	6	9	15	4	6	5	6	4	2
Black	67	59	28	31	27	31	32	31	34	25	29	14	15	13	18
Females	25	27	15	6	11	17	14	16	20	17	16	15	18	25	13
White	8	3	1	1	2	0	1	4	2	5	2	1	1	5	1
Black	17	24	14	5	9	17	13	12	18	12	14	14	17	20	12
Wilmington	71	68	27	28	23	35	37	28	43	25	33	19	22	29	26
Males	59	47	15	24	20	25	28	22	30	15	21	7	10	13	15
White	7	4	2	2	2	4	3	4	5	0	2	0	0	1	1
Black	52	43	13	22	18	21	25	18	25	15	19	7	10	12	14
Females	12	21	12	4	3	10	9	6	13	10	12	12	12	16	11
White	2	1	0	1	0	0	1	0	0	1	1	1	1	3	1
Black	10	20	12	3	3	10	8	6	13	9	11	11	11	13	10
Bal of NCCo	50	41	22	16	22	19	15	28	26	21	18	15	17	13	7
Males	37	35	19	14	14	12	10	18	19	14	14	12	11	4	5
White	22	19	4	5	5	2	3	5	10	4	4	5	6	3	1
Black	15	16	15	9	9	10	7	13	9	10	10	7	5	1	4
Females	13	6	3	2	8	7	5	10	7	7	4	3	6	9	2
White	6	2	1	0	2	0	0	4	2	4	1	0	0	2	0
Black	7	4	2	2	6	7	5	6	5	3	3	3	6	7	2
Sussex	25	10	5	6	12	10	6	10	3	4	7	8	7	8	2
Males	22	10	5	6	10	9	4	7	2	2	6	7	7	8	1
White	19	9	3	1	4	5	2	5	1	1	2	3	5	6	1
Black	3	1	2	5	5	4	2	2	1	1	4	4	2	2	0
Females	3	0	0	0	2	1	2	3	1	2	1	1	0	0	1
White	0	0	0	0	0	0	0	2	0	1	0	0	0	0	1
Black	3	0	0	0	2	1	2	1	1	1	1	1	0	0	0
Hispanic	11	5	1	3	1	1	3	4	2	1	2	1	1	1	1
Males	10	3	1	3	1	1	2	4	1	0	2	0	0	1	1
Females	1	2	0	0	0	0	1	0	1	1	0	1	1	0	0

Notes:

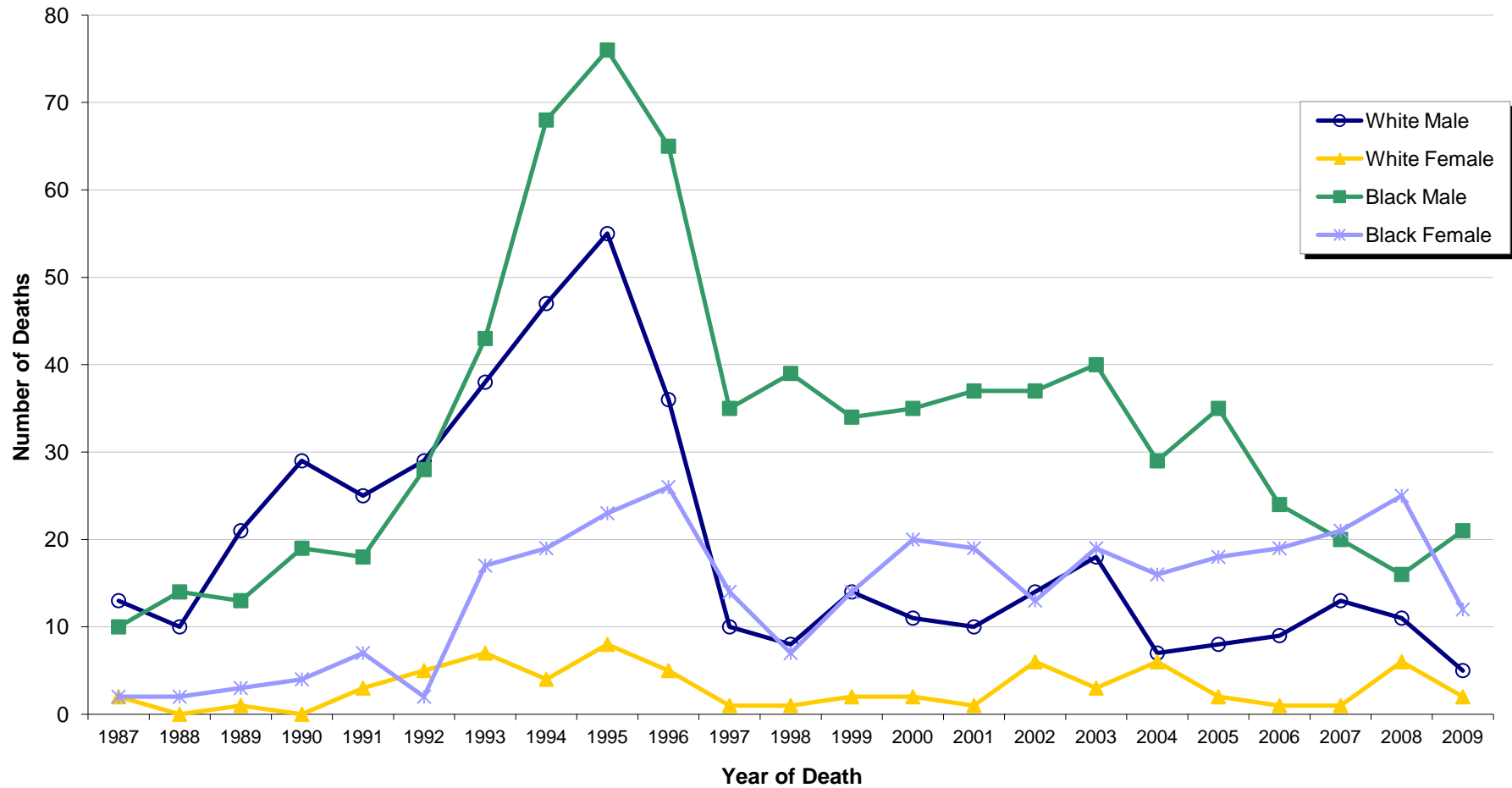
1. See Table F-12 for ICD-9 and ICD-10 Codes.
2. People of Hispanic origin may be of any race. See Hispanic Origin in the Technical Notes.

Sources:

Delaware Health Statistics Center
National Center for Health Statistics

AIDS

Figure F-3
Number of HIV Deaths by Race and Sex
Delaware, 1987-2009



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, 2009

Area/ Method of Disposition	Race							
	All Races		White		Black		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	7498	100.0	6113	100.0	1270	100.0	115	100.0
Burial	4275	57.0	3316	54.2	899	70.8	60	52.2
Cremation	2928	39.1	2523	41.3	354	27.9	51	44.3
Donation	57	0.8	56	0.9	1	0.1	0	0.0
Entombment	152	2.0	147	2.4	4	0.3	1	0.9
Removal from State	59	0.8	46	0.8	10	0.8	3	2.6
Unknown	27	0.4	25	0.4	2	0.2	0	0.0
Kent	1379	100.0	1096	100.0	263	100.0	20	100.0
Burial	823	59.7	629	57.4	181	68.8	13	65.0
Cremation	523	37.9	438	40.0	78	29.7	7	35.0
Donation	9	0.7	9	0.8	0	0.0	0	0.0
Entombment	10	0.7	10	0.9	0	0.0	0	0.0
Removal from State	10	0.7	7	0.6	3	1.1	0	0.0
Unknown	4	0.3	3	0.3	1	0.4	0	0.0
New Castle	4100	100.0	3234	100.0	799	100.0	67	100.0
Burial	2367	57.7	1789	55.3	547	68.5	31	46.3
Cremation	1528	37.3	1255	38.8	240	30.0	33	49.3
Donation	24	0.6	23	0.7	1	0.1	0	0.0
Entombment	135	3.3	130	4.0	4	0.5	1	1.5
Removal from State	33	0.8	25	0.8	6	0.8	2	3.0
Unknown	13	0.3	12	0.4	1	0.1	0	0.0
Wilmington	692	100.0	329	100.0	360	100.0	3	100.0
Burial	411	59.4	172	52.3	238	66.1	1	33.3
Cremation	255	36.8	133	40.4	120	33.3	2	66.7
Donation	4	0.6	4	1.2	0	0.0	0	0.0
Entombment	19	2.7	19	5.8	0	0.0	0	0.0
Removal from State	3	0.4	1	0.3	2	0.6	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
Balance of								
NC County	3408	100.0	2905	100.0	439	100.0	64	100.0
Burial	1956	57.4	1617	55.7	309	70.4	30	46.9
Cremation	1273	37.4	1122	38.6	120	27.3	31	48.4
Donation	20	0.6	19	0.7	1	0.2	0	0.0
Entombment	116	3.4	111	3.8	4	0.9	1	1.6
Removal from State	30	0.9	24	0.8	4	0.9	2	3.1
Unknown	13	0.4	12	0.4	1	0.2	0	0.0
Sussex	2019	100.0	1783	100.0	208	100.0	28	100.0
Burial	1085	53.7	898	50.4	171	82.2	16	57.1
Cremation	877	43.4	830	46.6	36	17.3	11	39.3
Donation	24	1.2	24	1.3	0	0.0	0	0.0
Entombment	7	0.3	7	0.4	0	0.0	0	0.0
Removal from State	16	0.8	14	0.8	1	0.5	1	3.6
Unknown	10	0.5	10	0.6	0	0.0	0	0.0

DISPRACE

Note:

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

Source:

Delaware Health Statistics Center

TABLE F-27
LIFE EXPECTANCY AT BIRTH* BY RACE AND SEX
DELAWARE, 1989-2009

Year	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2009	78.9	76.3	81.4	79.6	77.1	82.1	76.0	72.7	79.0
2008	78.3	75.7	80.8	78.9	76.3	81.4	75.7	72.7	78.4
2007	78.8	76.0	81.5	79.2	76.5	81.9	76.2	72.9	79.3
2006	78.4	75.7	81.0	79.1	76.4	81.7	74.8	71.4	77.8
2005	77.7	75.0	80.2	78.4	75.7	81.0	74.1	71.3	76.6
2004	77.8	74.9	80.5	78.3	75.5	80.9	73.8	70.4	77.0
2003	76.9	74.5	80.0	78.1	75.3	80.7	72.6	69.2	75.8
2002	77.3	74.6	79.8	77.8	75.4	80.1	73.8	69.5	77.9
2001	76.3	73.9	78.7	77.1	74.6	79.5	72.1	69.5	74.4
2000	76.5	73.9	79.0	77.1	74.5	79.6	72.5	69.4	75.5
1999	76.8	73.9	79.6	77.6	74.7	80.3	72.6	68.8	76.2
1998	75.9	73.3	78.4	77.0	74.5	79.4	70.3	66.9	73.5
1997	75.8	73.3	78.2	76.7	74.2	79.1	71.0	68.3	73.5
1996	75.4	72.5	78.1	76.7	73.9	79.4	68.8	65.2	72.2
1995	75.5	72.5	78.4	76.8	74.2	79.4	68.9	64.4	73.5
1994	75.1	71.4	78.7	76.1	72.6	79.6	69.5	65.0	74.1
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

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, 2009

Age Group	Race and Sex								
	All Races			White			Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
0-5	78.9	76.3	81.4	79.6	77.1	82.1	76.0	72.7	79.0
5-10	74.6	72.0	77.1	74.9	72.4	77.3	72.4	69.1	75.4
10-15	69.7	67.0	72.2	70.0	67.5	72.5	67.4	64.1	70.4
15-20	64.7	62.1	67.2	65.1	62.6	67.5	62.4	59.1	65.5
20-25	59.9	57.3	62.4	60.2	57.7	62.6	57.8	54.7	60.7
25-30	55.2	52.7	57.5	55.5	53.1	57.8	53.1	50.1	55.7
30-35	50.4	48.1	52.6	50.8	48.4	53.0	48.3	45.5	50.9
35-40	45.8	43.5	47.9	46.1	43.9	48.2	43.7	41.0	46.1
40-45	41.1	38.9	43.1	41.4	39.2	43.5	39.2	36.6	41.5
45-50	36.5	34.5	38.4	36.9	34.8	38.8	34.8	32.3	36.9
50-55	32.2	30.3	34.0	32.5	30.5	34.2	30.8	28.5	32.7
55-60	28.1	26.3	29.7	28.3	26.5	29.9	26.8	24.8	28.5
60-65	24.0	22.4	25.4	24.2	22.6	25.6	23.0	21.1	24.5
65-70	20.1	18.7	21.3	20.2	18.8	21.4	19.4	17.8	20.8
70-75	16.7	15.4	17.6	16.7	15.4	17.7	16.4	15.1	17.4
75-80	13.4	12.3	14.1	13.3	12.3	14.1	13.6	12.6	14.3
80-85	10.6	9.8	11.1	10.5	9.7	11.0	11.0	10.6	11.3
85+	8.2	7.5	8.5	8.0	7.3	8.4	9.6	9.6	9.6

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, 1984-2009

Year	Area			
	Delaware	Kent	New Castle	Sussex
2009	4	1	3	0
2008	3	1	2	0
2007	1	0	1	0
2006	1	0	1	0
2005	3	0	3	0
2004	1	0	1	0
2003	2	0	2	0
2002	0	0	0	0
2001	2	0	1	1
2000	3	1	2	0
1999	1	0	1	0
1998	2	0	2	0
1997	1	0	1	0
1996	0	0	0	0
1995	0	0	0	0
1994	0	0	0	0
1993	0	0	0	0
1992	0	0	0	0
1991	1	0	0	1
1990	0	0	0	0
1989	2	0	1	1
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

MATERNAL

Note:

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

Source:

Delaware Health Statistics Center

TABLE F-30
FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED CAUSES OF DEATH
DELAWARE AND COUNTIES, 2005-2009

LEADING CAUSES OF DEATH	AREA				RACE	
	DE	Kent	NCC	Sussex	White	Black
Diseases of the heart	190.3	245.4	181.5	179.3	186.3	214.8
Malignant neoplasms	186.0	210.2	185.6	176.5	184.5	203.2
Chronic lower respiratory diseases	41.9	56.4	41.1	36.4	43.7	32.4
Cerebrovascular diseases	39.0	41.6	43.7	28.8	36.3	55.9
Accidents (unintentional injuries)	36.1	38.5	33.2	45.2	40.2	24.4
Dementia	30.1	26.6	38.3	16.5	29.4	35.8
Diabetes mellitus	22.0	29.1	22.0	18.2	19.3	39.9
Alzheimer's disease	19.0	18.8	17.0	22.9	19.6	14.4
Nephritis, nephrotic syndrome, and nephrosis	16.4	16.2	17.8	13.9	14.0	31.9
Influenza and pneumonia	13.9	16.2	13.5	13.2	14.1	12.3
Septicemia	12.6	17.5	13.2	9.3	11.5	19.2
Intentional self-harm (suicide)	10.7	11.4	10.1	12.1	12.5	5.6
Other diseases of respiratory system	8.8	10.7	8.6	8.4	8.7	9.6
Chronic liver disease and cirrhosis	8.1	9.3	7.3	9.1	8.8	6.1
Certain conditions originating in the perinatal period	7.1	5.4	7.8	6.2	4.2	15.0
Assault (homicide)	6.2	4.1	7.5	3.6	3.0	16.3
Human immunodeficiency virus (HIV)	6.0	5.2	7.1	3.8	1.8	23.7
Parkinson's disease	5.6	5.5	6.0	4.9	6.0	NA
Essential (primary) hypertension and hypertensive renal disease	5.4	7.6	5.5	4.2	4.4	11.4
Pneumonitis due to solids and liquids	5.2	3.5	5.1	6.2	5.2	5.3
Aortic aneurysm and dissection	3.4	3.0	3.2	4.1	3.4	3.6
Congenital malformations, deformations, and chromosomal abnormalities	2.6	2.9	2.5	2.7	2.6	2.6

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 LEADING CAUSES OF DEATH
DELAWARE AND COUNTIES, 1989-2009

Cause of Death/ Area	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	2003 -2007	2004 -2008	2005 -2009
Diseases of the Heart																	
Delaware	331.0	321.8	313.8	306.8	301.5	292.1	283.6	275.0	267.3	257.6	252.7	244.8	237.5	224.7	215.8	202.2	190.3
Kent	335.7	331.8	322.5	317.3	317.0	313.5	312.7	308.2	304.3	297.2	291.7	280.9	277.3	269.7	265.2	254.3	245.4
New Castle	328.7	317.6	309.7	303.1	296.8	287.7	276.5	267.0	259.5	250.7	246.1	240.2	233.2	219.6	210.5	195.0	181.5
Sussex	336.8	328.5	320.2	311.1	305.0	290.6	284.5	276.2	265.6	252.7	247.8	237.2	226.5	212.3	201.3	190.2	179.3
Malignant Neoplasms																	
Delaware	242.5	242.7	240.0	238.9	236.1	231.2	228.2	221.2	217.9	210.8	206.8	203.1	201.6	195.2	194.0	192.1	186.0
Kent	235.7	229.2	230.2	230.6	222.4	222.5	228.8	220.4	221.9	219.2	218.2	212.6	215.0	207.8	210.6	212.7	210.2
New Castle	242.1	245.1	242.0	240.1	238.2	235.2	230.5	223.3	219.8	212.5	206.5	202.9	201.8	194.6	191.9	191.6	185.6
Sussex	249.7	245.8	242.2	241.8	241.0	227.4	223.4	217.9	213.2	204.1	202.5	199.4	195.3	191.9	191.9	184.6	176.5
Cerebrovascular Diseases																	
Delaware	58.5	57.6	56.3	53.7	52.6	52.0	50.8	51.8	51.6	51.7	51.1	49.0	46.1	44.3	41.7	39.1	39.0
Kent	68.5	68.4	66.4	69.2	70.1	69.0	63.4	60.6	55.0	55.8	53.9	50.8	49.8	48.9	43.0	39.9	41.6
New Castle	55.9	56.3	54.0	51.7	49.7	49.9	50.0	53.1	53.7	54.0	54.1	52.4	49.4	47.9	47.1	44.4	43.7
Sussex	59.1	54.3	56.0	49.6	49.4	47.1	45.5	44.1	45.1	44.5	43.2	41.0	37.3	34.5	30.4	28.9	28.8
Chronic Lower Respiratory Diseases																	
Delaware	39.1	39.8	39.7	40.2	40.4	40.9	41.4	42.5	41.9	42.2	41.3	40.6	41.0	40.7	39.9	41.4	41.9
Kent	43.4	45.7	46.3	49.3	52.8	54.0	54.2	52.4	49.4	45.2	44.8	45.9	49.2	50.1	51.9	56.0	56.4
New Castle	34.9	34.8	34.8	35.8	37.2	38.2	39.2	41.5	41.8	41.4	40.5	40.0	39.4	39.1	39.0	40.9	41.1
Sussex	47.8	50.0	48.7	45.9	40.9	39.6	38.9	38.7	37.7	41.9	40.8	38.7	40.3	39.1	36.1	35.8	36.4
Diabetes mellitus																	
Delaware	32.4	30.1	29.3	29.0	28.0	28.4	27.9	26.9	26.9	26.4	25.8	25.8	26.1	24.6	24.0	22.8	22.0
Kent	29.6	29.1	30.8	32.0	32.7	31.2	31.9	28.8	27.6	28.3	28.1	27.4	30.8	30.8	29.2	28.9	29.1
New Castle	33.3	29.8	27.8	27.1	26.7	27.5	26.6	26.6	27.3	26.1	25.1	26.1	26.1	24.4	24.2	23.1	22.0
Sussex	32.2	31.9	32.7	32.0	28.3	28.9	28.6	26.6	25.9	26.1	26.3	24.7	23.9	22.0	21.0	19.2	18.2
Influenza and pneumonia																	
Delaware	33.4	33.9	33.9	33.3	32.2	33.1	30.6	30.2	28.7	26.2	22.2	21.2	18.7	17.0	15.1	14.7	13.9
Kent	36.7	34.6	32.0	32.4	30.3	31.5	32.9	36.5	34.1	31.7	27.4	25.0	20.5	20.1	18.3	17.5	16.2
New Castle	29.6	31.0	31.3	31.7	30.6	30.7	28.2	27.5	25.1	23.1	19.2	17.7	15.8	14.4	12.9	13.5	13.5
Sussex	41.6	41.5	42.2	38.3	37.9	40.1	35.1	33.3	34.5	30.3	26.5	27.2	24.2	20.7	17.9	15.8	13.2
Alzheimer's Disease																	
Delaware	6.6	7.2	7.0	7.3	7.6	7.8	9.4	11.1	13.2	14.7	16.6	17.1	18.1	18.6	19.3	19.6	19.0
Kent	---	4.7	---	4.4	---	---	4.0	5.0	8.8	10.1	12.2	12.9	14.2	13.3	16.1	18.1	18.8
New Castle	7.6	8.3	7.9	8.3	8.9	9.7	11.7	13.8	16.0	17.4	18.8	18.1	18.1	18.4	18.5	17.7	17.0
Sussex	5.2	6.0	6.1	6.3	6.6	6.3	6.9	8.2	9.1	10.9	13.8	17.1	20.1	21.8	22.7	24.2	22.9
Nephritis, nephrotic syndrome, and nephrosis																	
Delaware	13.7	13.9	13.6	13.6	12.9	13.3	13.2	13.5	13.6	14.1	14.3	14.5	14.4	14.9	15.3	16.0	16.4
Kent	7.8	8.9	9.9	10.2	10.2	11.5	10.8	12.4	15.3	17.6	18.0	20.0	18.5	16.8	16.0	17.7	16.2
New Castle	15.8	15.5	15.1	14.7	14.2	14.5	14.5	14.2	13.8	13.5	13.4	13.8	14.0	15.0	16.2	17.3	17.8
Sussex	12.0	12.9	12.0	12.9	11.1	11.3	11.5	12.8	12.2	13.8	14.3	13.2	13.2	13.6	13.3	12.6	13.9
Septicemia																	
Delaware	11.8	12.8	13.5	14.2	14.6	15.1	14.4	15.2	15.6	16.0	16.0	15.9	15.1	14.3	13.4	13.1	12.6
Kent	11.9	11.3	10.7	10.7	11.6	12.0	11.9	13.8	14.4	15.7	17.0	18.4	17.8	18.7	18.3	18.4	17.5
New Castle	13.2	14.5	15.5	16.3	16.9	17.3	16.6	17.5	17.5	17.4	17.1	16.6	15.7	14.8	13.9	13.7	13.2
Sussex	8.3	9.3	10.3	11.2	10.8	11.6	10.9	10.8	12.0	12.8	13.1	13.4	12.9	11.5	10.3	9.5	9.3

TABLE F-31 (continued)

Cause of Death/ Area	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	2003 -2007	2004 -2008	2005 -2009
Intentional self-harm																	
Delaware	12.7	12.0	11.8	12.1	12.0	11.2	11.2	11.0	11.2	10.7	11.2	11.1	11.0	10.3	10.5	10.6	10.7
Kent	11.2	11.0	9.9	11.7	11.6	11.4	11.9	12.6	12.1	11.7	11.5	10.5	10.2	10.4	9.9	10.4	11.4
New Castle	12.8	12.0	11.7	11.8	11.3	10.2	10.1	9.8	10.3	9.9	10.7	11.0	11.2	10.0	10.4	10.3	10.1
Sussex	13.6	12.8	14.0	13.8	14.5	14.2	14.0	13.3	12.8	12.2	11.9	11.4	10.5	10.8	11.0	11.8	12.1
Chronic liver disease and cirrhosis																	
Delaware	11.3	10.6	9.8	9.9	9.5	9.1	9.2	9.3	9.0	9.4	9.8	9.8	9.5	9.2	8.5	8.0	8.1
Kent	9.8	11.1	11.1	10.2	10.3	10.0	9.8	10.5	10.8	11.4	12.1	11.6	10.8	10.2	9.8	8.8	9.3
New Castle	11.6	10.6	9.7	9.9	9.4	8.7	8.8	9.0	8.3	8.6	9.1	9.4	8.8	8.9	8.0	7.5	7.3
Sussex	11.3	9.8	9.2	9.6	9.0	9.4	9.5	9.0	9.7	10.1	10.5	10.1	10.5	9.3	9.2	8.8	9.1
Assault (Homicide)																	
Delaware	5.8	5.2	5.2	5.4	5.2	4.9	4.7	4.2	3.6	3.7	3.6	3.8	4.6	5.0	5.1	6.0	6.2
Kent	6.0	6.3	6.1	5.5	4.1	3.4	---	---	---	---	---	---	---	3.1	3.6	4.5	4.1
New Castle	5.5	4.8	4.9	5.2	5.3	5.3	5.3	5.1	4.5	4.6	4.3	4.6	5.3	6.0	6.0	7.2	7.5
Sussex	6.7	5.8	5.9	5.9	5.6	5.0	4.6	2.8	---	---	---	---	3.6	3.3	2.9	3.2	3.6
Certain conditions originating in the perinatal period																	
Delaware	8.0	6.9	6.1	5.4	5.3	5.3	5.8	6.7	7.8	8.3	8.5	8.2	8.2	7.5	7.1	6.9	7.1
Kent	6.3	6.1	5.2	5.3	5.5	5.6	5.9	6.8	7.2	8.0	8.2	8.2	8.0	6.6	5.2	4.9	5.4
New Castle	8.9	7.6	6.8	5.8	5.5	5.1	5.9	6.9	8.2	8.8	9.2	8.7	8.7	8.0	7.8	7.6	7.8
Sussex	6.2	4.7	4.1	3.6	4.2	5.8	5.5	5.8	7.2	6.9	6.1	6.4	6.9	6.4	6.8	6.5	6.2
Congenital malformations																	
Delaware	4.8	4.5	4.3	4.2	4.4	4.1	4.1	3.9	3.7	3.5	3.4	3.4	3.2	3.1	2.8	2.8	2.6
Kent	5.8	6.4	5.2	4.7	3.6	3.5	3.3	3.2	3.3	3.9	3.5	3.4	3.0	3.4	2.8	3.2	2.9
New Castle	4.2	3.6	3.7	3.7	4.0	3.8	3.9	3.9	3.6	3.2	3.1	3.2	3.0	2.9	2.7	2.6	2.5
Sussex	6.4	5.8	6.0	5.7	6.5	5.9	5.5	4.8	4.6	4.1	4.0	3.9	3.8	3.7	3.5	3.1	2.7
Human immunodeficiency virus (HIV)																	
Delaware	9.0	11.8	14.6	16.5	16.2	14.6	12.5	9.9	8.1	8.2	8.8	8.4	8.2	7.7	7.2	6.5	6.0
Kent	7.5	9.6	11.5	11.7	10.5	9.4	8.0	5.9	5.2	4.8	5.2	5.2	5.2	5.3	5.9	5.7	5.2
New Castle	9.9	13.0	16.2	18.8	19.0	17.2	14.9	12.1	9.8	9.9	10.8	10.7	10.5	9.6	8.8	7.7	7.1
Sussex	7.2	9.1	11.8	12.3	11.0	10.0	8.3	5.9	5.2	5.8	5.5	4.3	3.7	3.9	3.5	3.9	3.8
Accidents (unintentional injuries)																	
Delaware	34.8	35.4	35.7	35.4	36.1	36.4	35.8	36.0	36.9	36.4	36.0	35.9	35.2	35.3	34.9	35.7	36.1
Kent	41.5	38.1	39.6	38.0	35.2	35.0	37.8	37.5	38.9	37.8	37.7	38.5	39.1	40.9	39.8	40.2	38.5
New Castle	30.1	30.9	30.7	31.0	32.4	33.4	33.4	34.0	34.5	34.6	33.7	32.3	31.6	31.8	31.6	32.7	33.2
Sussex	46.6	51.1	51.3	49.6	50.8	48.6	42.2	42.1	44.0	42.2	43.1	46.6	44.3	42.8	42.7	44.3	45.2
Essential (primary) hypertension and hypertensive renal disease																	
Delaware	3.5	3.5	3.4	3.8	3.7	4.2	4.2	4.8	5.2	5.7	5.9	6.9	7.2	6.8	6.3	6.0	5.4
Kent	---	5.3	5.9	5.5	5.7	5.2	4.9	4.5	5.5	6.3	6.4	7.2	9.0	9.2	7.9	7.9	7.6
New Castle	3.1	2.9	2.6	3.0	2.8	3.5	3.6	4.4	4.9	5.4	5.9	7.2	7.5	7.0	6.8	6.3	5.5
Sussex	3.8	3.8	4.1	4.8	4.6	5.5	5.6	6.1	5.7	5.9	5.6	5.9	5.4	5.1	4.5	4.4	4.2
Aortic aneurysm and dissection																	
Delaware	8.9	8.4	8.4	7.1	7.0	6.7	6.5	6.4	6.6	6.3	6.7	6.4	5.8	5.1	4.5	3.7	3.4
Kent	9.9	9.2	9.1	7.8	7.7	8.0	8.6	9.0	9.3	9.9	10.0	9.3	8.4	7.2	5.6	4.0	3.0
New Castle	8.1	7.3	7.6	6.2	6.2	6.0	5.9	5.8	6.2	5.9	6.3	5.8	5.4	4.5	3.8	3.2	3.2
Sussex	10.5	10.7	10.3	9.2	8.7	7.7	6.6	6.5	6.0	5.5	5.9	6.2	5.8	5.4	5.5	4.8	4.1

TABLE F-31 (continued)

Cause of Death/ Area	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	2003 -2007	2004 -2008	2005 -2009
Pneumonitis due to solids and liquids																	
Delaware	4.4	4.1	4.2	4.5	5.2	5.7	7.0	7.8	8.9	9.1	9.7	9.0	8.3	7.1	6.4	5.4	5.2
Kent	---	---	---	---	---	---	4.5	4.8	4.1	5.0	5.9	5.3	5.4	5.0	3.9	3.4	3.5
New Castle	5.1	4.9	5.4	5.4	6.3	6.9	8.3	8.9	10.6	10.5	10.9	9.9	9.2	7.4	6.6	5.4	5.1
Sussex	---	---	---	3.1	3.7	4.2	5.3	7.1	7.8	8.5	9.4	9.2	7.9	7.6	7.2	6.4	6.2
Other diseases of respiratory system																	
Delaware	6.9	7.1	7.2	7.4	7.6	7.9	7.9	8.3	8.4	8.8	8.4	8.8	8.5	8.9	8.8	9.0	8.8
Kent	5.6	5.5	5.6	4.9	5.5	6.2	7.2	9.2	8.9	9.6	9.5	9.5	9.1	10.4	10.7	10.6	10.7
New Castle	7.2	7.0	7.0	7.2	7.5	7.4	7.5	7.8	8.1	8.3	8.2	8.8	8.7	8.7	8.3	8.9	8.6
Sussex	6.8	8.1	8.4	9.4	9.3	10.1	9.3	9.2	8.9	9.4	8.4	8.4	7.7	8.4	8.7	8.4	8.4
Parkinson's disease																	
Delaware	3.3	3.5	3.4	3.5	3.4	3.8	4.0	4.6	5.1	5.5	5.5	5.5	5.7	5.5	5.6	5.7	5.6
Kent	---	---	---	---	---	---	---	---	4.3	4.6	4.7	4.1	4.7	4.7	4.4	4.5	5.5
New Castle	3.8	4.2	4.2	4.1	4.0	4.3	4.4	5.0	5.5	6.0	5.9	5.9	6.2	6.1	6.3	6.3	6.0
Sussex	---	---	---	2.7	2.5	2.7	3.4	4.1	4.7	5.0	4.9	5.1	5.3	4.7	4.8	5.1	4.9
Dementia																	
Delaware	4.7	5.3	5.7	5.6	5.9	6.4	5.8	6.5	7.2	8.5	9.5	10.6	12.2	16.2	19.9	24.8	30.1
Kent	5.0	5.6	7.2	7.0	6.9	7.4	6.8	8.6	8.8	12.6	14.0	14.6	13.2	14.4	15.4	20.8	26.6
New Castle	4.0	4.6	4.7	4.8	5.0	5.8	5.5	6.3	7.3	8.3	9.2	10.6	13.2	18.8	24.8	31.6	38.3
Sussex	6.4	7.2	7.2	6.7	7.5	7.1	5.9	5.8	5.9	6.8	7.8	8.7	9.9	12.0	12.5	13.7	16.5

Notes:

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

Source:

Delaware Health Statistics Center

AADR_TRND(2)

TABLE F-32
FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX
DELAWARE, 1989-2009

Cause of Death/ Race-Sex	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	2003 -2007	2004 -2008	2005 -2009
Diseases of the Heart																	
White	326.1	317.0	309.1	301.5	296.8	286.5	278.6	270.1	262.1	252.1	246.7	237.8	230.2	218.0	209.5	197.5	186.3
Male	408.5	399.2	389.0	382.2	378.2	363.3	348.7	341.3	328.8	312.7	304.7	295.9	284.4	270.2	263.0	250.0	235.0
Female	268.2	258.6	252.3	244.3	237.5	229.2	225.8	215.9	210.6	205.3	201.4	192.5	187.5	177.1	167.5	157.0	148.2
Black	364.1	350.5	340.8	339.0	330.7	329.4	321.5	310.6	303.8	293.3	293.9	293.2	287.5	272.3	261.9	235.4	214.8
Male	444.3	423.9	410.6	415.5	402.3	404.5	393.2	377.4	361.7	351.8	351.7	355.7	340.1	329.6	316.4	284.7	256.4
Female	305.5	297.6	287.2	284.1	279.8	276.7	271.0	263.6	261.8	251.8	253.3	248.2	248.8	230.2	219.4	197.7	182.1
Malignant Neoplasms																	
White	230.0	232.0	229.7	228.4	225.6	222.9	219.7	214.1	212.8	206.7	201.7	199.2	198.1	191.7	191.5	191.1	184.5
Male	298.3	298.9	293.5	294.1	289.0	282.3	275.3	264.8	259.5	253.3	248.0	246.4	245.1	237.8	233.5	231.9	222.4
Female	190.0	190.6	190.0	188.2	186.5	186.1	185.8	182.5	182.8	176.1	171.0	167.7	166.5	160.6	163.0	163.0	158.0
Black	343.3	332.7	328.2	328.1	326.6	306.3	302.7	283.7	265.3	250.4	250.7	237.0	235.1	228.2	218.7	207.2	203.2
Male	506.6	480.2	473.3	468.0	449.2	408.4	406.7	369.8	340.2	330.0	328.8	303.9	304.9	293.7	276.4	256.9	254.8
Female	244.4	244.6	240.7	245.8	253.0	246.9	243.1	234.2	221.7	205.7	204.2	195.2	191.1	185.6	180.6	173.8	169.1
Cerebrovascular Diseases																	
White	55.2	54.1	52.5	50.1	49.2	48.7	48.0	49.2	49.3	49.3	48.9	46.5	43.6	42.0	39.1	36.7	36.3
Male	56.2	55.9	54.6	52.5	52.0	51.6	50.0	50.5	52.0	50.9	50.5	48.9	47.3	42.8	39.0	35.7	34.1
Female	54.3	52.2	50.3	47.8	46.8	46.0	45.8	47.3	46.7	47.5	47.2	44.7	41.2	41.3	38.6	36.9	37.2
Black	83.8	83.3	84.3	81.1	77.5	75.2	71.0	70.4	68.1	69.1	65.9	66.0	63.2	59.8	58.7	56.3	55.9
Male	92.2	93.9	90.6	92.6	84.7	87.5	80.5	77.8	66.2	66.6	62.8	58.9	60.4	62.4	64.8	64.0	63.9
Female	76.5	75.7	79.4	72.7	71.5	65.6	62.7	64.1	66.7	67.8	65.5	67.5	63.2	57.3	54.4	51.0	50.3
Chronic Lower Respiratory Diseases																	
White	40.0	41.1	41.1	41.6	41.9	42.1	42.5	43.5	42.7	43.1	42.3	41.4	42.4	42.1	41.4	43.1	43.7
Male	51.4	52.5	52.8	53.6	53.5	55.6	55.5	54.5	52.3	51.1	47.8	46.1	46.9	45.6	45.2	48.1	47.8
Female	34.4	35.5	35.4	35.8	36.8	36.0	36.5	38.3	38.0	38.9	39.4	38.7	39.7	39.9	38.8	39.4	40.8
Black	32.2	29.9	30.3	30.8	31.6	33.0	34.4	35.4	35.5	34.7	33.5	33.8	31.6	31.7	31.5	33.3	32.4
Male	55.9	54.9	54.1	53.6	50.2	44.3	48.7	50.9	50.4	52.4	51.1	49.3	45.3	46.4	45.2	49.7	47.0
Female	17.1	14.1	15.4	17.0	20.2	25.3	26.0	25.7	25.7	23.6	22.1	23.4	23.2	23.2	23.6	24.3	24.4
Diabetes mellitus																	
White	27.4	25.8	24.7	24.6	24.1	24.5	23.8	23.2	23.5	22.7	22.4	22.2	22.8	21.5	20.8	19.8	19.3
Male	26.6	26.2	25.9	26.5	25.6	26.2	26.6	26.0	25.7	26.0	25.8	25.8	26.4	25.6	25.5	24.0	23.1
Female	27.5	25.1	23.4	23.0	23.0	23.2	21.9	21.3	21.8	20.3	19.7	19.6	20.2	18.6	17.5	16.6	16.1
Black	71.1	63.5	64.5	62.4	56.4	57.5	58.6	54.9	52.6	53.4	50.0	50.7	49.7	46.2	45.6	43.0	39.9
Male	57.8	52.5	55.1	58.4	55.0	62.3	62.4	58.8	59.0	61.4	53.8	55.0	53.2	49.6	48.3	49.1	45.2
Female	78.7	69.8	69.6	64.5	57.1	55.7	57.0	53.7	49.5	49.5	47.7	48.2	47.6	44.7	43.7	38.9	36.1
Influenza and pneumonia																	
White	32.5	33.2	32.9	32.1	31.3	32.6	30.5	30.3	29.2	26.8	22.6	21.4	18.9	17.0	15.1	14.8	14.1
Male	46.1	46.4	44.6	42.3	38.9	41.7	38.6	38.2	36.3	33.2	27.1	26.2	22.8	21.0	18.6	17.9	17.2
Female	26.2	27.0	27.1	26.8	27.0	27.6	25.8	25.9	25.1	22.9	19.7	18.5	16.4	14.5	13.0	12.8	12.1
Black	39.1	36.9	38.2	40.4	37.8	35.0	31.7	29.9	25.3	22.8	19.8	20.0	17.9	17.0	15.2	14.9	12.3
Male	56.4	53.9	56.9	62.6	62.8	56.0	46.6	44.9	38.7	32.4	28.2	31.2	27.8	25.4	23.5	23.9	17.9
Female	30.4	28.6	29.6	29.5	25.6	24.0	23.1	21.5	17.3	16.6	14.5	13.8	12.2	12.5	11.2	10.4	9.6

TABLE F-32 (continued)

Cause of Death/ Race-Sex	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	2003 -2007	2004 -2008	2005 -2009
Alzheimer's Disease																	
White	6.9	7.6	7.4	7.6	8.0	8.2	9.8	11.5	13.8	15.3	17.1	17.5	18.6	19.1	19.8	20.3	19.6
Male	8.0	8.5	8.1	7.7	6.9	6.9	8.9	10.0	12.4	14.3	15.2	14.9	15.8	16.3	17.2	17.6	17.4
Female	6.5	7.2	7.1	7.5	8.4	8.8	10.3	12.1	14.6	15.9	18.2	19.0	20.2	20.4	21.2	21.7	20.6
Black	---	---	---	---	---	---	5.8	8.2	8.7	9.7	12.6	13.9	14.1	14.2	15.3	14.0	14.4
Male	---	---	---	---	---	---	---	---	---	---	---	13.9	---	---	12.9	12.3	11.7
Female	---	---	---	---	---	---	---	8.1	8.2	8.7	12.0	13.5	15.3	15.2	16.0	14.6	15.4
Nephritis, nephrotic syndrome, and nephrosis																	
White	11.5	11.6	11.7	12.1	11.4	11.5	11.3	11.2	11.1	11.9	12.2	12.7	12.5	13.1	13.2	13.8	14.0
Male	14.9	15.7	15.5	15.9	15.1	15.7	15.2	14.9	15.3	16.7	16.5	17.5	17.6	17.7	17.7	18.1	17.5
Female	10.1	9.7	9.8	10.5	9.5	9.3	9.3	9.2	8.7	9.1	9.7	9.7	9.5	9.9	10.2	10.8	11.6
Black	29.8	30.6	27.4	24.9	24.7	28.1	28.4	30.9	31.6	30.2	27.7	26.7	26.9	27.8	30.3	31.4	31.9
Male	32.6	35.2	31.7	29.7	27.5	30.8	32.7	38.6	35.5	38.6	36.9	35.9	34.5	38.6	40.5	41.1	39.6
Female	27.4	27.1	24.0	21.4	22.6	26.1	25.9	25.9	28.7	25.3	22.0	21.5	23.0	21.7	24.5	25.9	26.8
Septicemia																	
White	11.3	12.0	12.5	13.1	13.3	13.7	13.0	13.8	14.0	14.5	14.4	14.7	13.9	13.1	12.2	12.1	11.5
Male	13.2	13.0	13.7	13.5	13.8	15.6	15.3	15.9	16.0	16.7	15.9	16.5	15.6	15.0	14.4	14.0	12.6
Female	10.2	11.3	11.7	12.8	12.9	12.5	11.5	12.7	12.9	13.4	13.6	13.6	12.9	11.9	10.6	11.0	10.8
Black	15.5	18.6	21.1	21.9	23.7	25.2	25.7	25.8	28.5	27.7	28.5	25.2	24.1	22.7	21.4	19.4	19.2
Male	15.2	24.5	26.3	29.1	31.7	33.3	30.1	32.5	33.8	31.5	33.2	27.6	24.6	22.8	21.1	18.6	18.1
Female	14.5	15.9	19.1	19.0	20.5	22.0	23.7	22.0	25.5	26.0	25.7	23.4	24.1	22.7	21.5	19.9	19.8
Intentional self-harm																	
White	14.2	13.4	13.2	13.5	13.4	12.6	12.7	12.8	12.9	12.3	13.0	12.9	12.6	11.9	12.4	12.4	12.5
Male	23.4	21.5	21.0	22.3	22.7	21.4	21.9	21.9	21.8	21.1	21.7	21.0	20.8	19.7	19.6	20.0	20.3
Female	6.4	6.3	6.4	5.9	5.1	4.5	4.3	4.4	4.7	4.4	5.1	5.5	5.0	4.7	5.6	5.2	5.2
Black	5.2	5.1	5.5	5.8	5.8	5.4	4.9	4.0	4.8	5.0	4.8	5.5	6.0	5.2	4.5	5.4	5.6
Male	9.6	10.1	11.6	12.4	11.7	11.2	9.7	7.7	8.9	9.8	9.2	9.9	10.6	9.7	8.2	9.5	10.7
Female	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chronic liver disease and cirrhosis																	
White	10.8	10.0	9.1	9.4	9.1	8.9	9.1	9.5	9.0	9.5	10.0	9.9	9.8	9.6	9.0	8.5	8.8
Male	16.4	14.9	14.2	13.7	12.5	12.2	13.0	12.6	11.8	11.6	12.1	11.5	11.8	12.4	11.8	11.7	12.4
Female	5.9	5.7	4.8	5.7	6.0	5.9	5.7	6.7	6.5	7.7	8.1	8.5	8.0	7.2	6.6	5.7	5.5
Black	14.7	14.2	14.7	13.5	12.6	10.7	10.0	8.5	9.0	8.9	9.3	9.1	8.0	7.2	6.4	6.3	6.1
Male	26.0	25.1	25.9	22.2	19.2	15.8	13.1	12.0	12.1	12.7	13.7	14.2	11.9	12.0	10.7	10.8	9.8
Female	---	---	---	---	---	---	7.1	---	6.3	---	5.7	---	---	---	---	---	---
Assault (Homicide)																	
White	3.9	3.3	3.7	3.6	3.5	3.2	3.1	2.4	2.2	2.2	2.0	2.1	2.6	2.5	2.4	2.9	3.0
Male	5.0	4.2	4.6	4.1	4.2	3.9	3.7	2.9	2.7	2.6	2.5	2.5	3.5	3.5	3.4	4.1	4.2
Female	2.9	2.4	3.0	3.2	2.8	2.6	2.4	1.9	1.7	1.8	1.6	1.7	1.7	1.5	1.5	1.7	1.9
Black	14.4	13.7	11.7	12.8	12.3	12.4	11.7	11.6	8.9	8.9	8.8	9.7	11.2	13.5	14.1	16.2	16.3
Male	21.5	20.3	18.2	20.1	19.8	18.9	18.8	18.1	14.3	14.8	15.7	16.6	20.0	24.3	25.7	30.0	30.7
Female	8.0	7.7	6.0	6.4	5.8	6.5	5.4	5.7	---	---	---	---	---	---	---	---	---

TABLE F-32 (continued)

Cause of Death/ Race-Sex	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	2003 -2007	2004 -2008	2005 -2009
Certain conditions originating in the perinatal period																	
White	5.2	4.5	4.0	3.3	3.2	3.2	3.3	4.2	5.1	5.8	6.2	6.1	5.6	5.0	4.7	4.4	4.2
Male	5.6	4.7	4.2	3.6	3.3	3.1	3.4	4.7	5.7	6.2	6.8	6.5	5.8	5.2	5.3	5.1	5.0
Female	4.8	4.3	3.8	2.9	3.0	3.2	3.1	3.7	4.5	5.4	5.5	5.7	5.4	4.7	4.1	3.8	3.4
Black	18.0	15.1	12.9	12.0	11.7	11.9	13.9	14.6	16.6	16.4	16.0	15.0	16.4	15.0	14.6	14.2	15.0
Male	19.8	17.9	15.6	14.9	15.7	14.0	16.4	16.7	18.7	18.9	18.7	17.0	19.1	16.8	15.8	14.8	16.0
Female	16.0	12.2	10.1	9.0	7.5	9.7	11.4	12.4	14.4	14.0	13.3	13.1	13.8	13.1	13.5	13.6	14.1
Congenital malformations																	
White	4.7	4.3	4.4	4.5	4.6	4.2	4.2	4.0	3.7	3.3	3.2	3.3	3.0	3.0	2.8	2.7	2.6
Male	4.9	4.8	4.9	4.9	4.7	4.2	4.3	4.2	3.7	3.5	3.9	3.7	3.3	3.2	2.9	2.7	2.4
Female	4.7	3.8	3.9	4.2	4.6	4.3	4.2	3.9	3.7	3.1	2.7	2.9	2.7	2.8	2.7	2.8	2.7
Black	5.1	5.1	3.9	3.1	3.2	3.4	3.4	3.5	3.9	4.0	3.6	3.7	3.6	3.3	2.9	3.0	2.6
Male	4.9	4.8	4.9	4.9	4.7	4.2	4.3	4.2	3.7	3.5	3.9	3.7	3.3	3.2	2.9	2.7	2.4
Female	4.7	3.8	3.9	4.2	4.6	4.3	4.2	3.9	3.7	3.1	2.7	2.9	2.7	2.8	2.7	2.8	2.7
Human immunodeficiency virus (HIV)																	
White	5.6	6.6	7.7	8.1	7.2	5.9	4.7	3.0	2.0	2.2	2.6	2.5	2.3	2.3	2.1	2.0	1.8
Male	10.4	12.1	13.7	14.2	12.8	10.6	8.4	5.4	3.6	3.7	4.4	3.9	3.6	3.5	3.4	3.0	2.9
Female	---	---	1.8	2.0	1.7	---	---	---	---	---	---	---	---	---	---	---	---
Black	26.7	37.7	48.8	57.7	59.3	55.5	48.8	41.8	36.1	35.1	35.9	34.8	33.7	31.0	29.0	26.0	23.7
Male	46.4	65.1	83.0	97.0	97.3	93.3	80.3	66.6	56.2	55.1	54.0	51.7	50.5	45.5	39.6	32.4	29.0
Female	10.1	14.7	20.0	24.4	27.1	23.6	22.0	20.8	19.0	18.3	20.7	20.9	19.9	19.2	20.5	21.2	19.6
Accidents (unintentional injuries)																	
White	34.0	34.6	34.1	33.9	34.8	36.2	36.1	37.3	38.2	37.5	37.2	37.4	37.3	37.9	38.1	39.6	40.2
Male	48.0	51.7	51.3	49.8	50.2	51.1	48.4	50.1	50.8	50.5	51.3	51.5	51.7	53.0	54.2	55.4	56.6
Female	21.8	20.1	18.8	19.6	20.8	22.3	24.2	25.4	26.5	25.6	24.2	24.7	24.1	23.9	23.1	24.8	24.8
Black	41.7	43.8	46.3	44.9	44.5	39.9	36.5	34.0	35.9	37.0	36.7	34.7	31.6	29.2	26.0	24.0	24.4
Male	67.0	70.8	74.8	71.5	68.2	60.9	56.7	52.8	52.4	55.9	55.2	49.5	46.3	43.6	37.7	34.0	35.3
Female	23.4	24.3	26.8	26.2	27.8	24.0	21.4	18.5	21.8	20.9	21.4	21.6	19.4	17.4	16.4	15.2	15.2
Essential (primary) hypertension and hypertensive renal disease																	
White	2.7	2.7	2.5	2.8	2.9	3.5	3.5	4.2	4.5	5.0	5.1	5.8	6.0	5.7	5.3	4.8	4.4
Male	2.5	2.3	2.4	2.5	2.9	3.7	3.8	4.3	4.4	4.7	5.0	5.3	5.7	5.5	4.9	4.4	4.5
Female	2.7	2.9	2.7	3.0	2.9	3.4	3.3	4.0	4.3	5.0	5.0	5.8	6.1	5.8	5.4	4.8	4.3
Black	10.1	10.0	10.1	10.7	9.7	9.9	9.8	9.9	10.4	11.3	12.0	15.2	16.1	14.9	13.9	14.2	11.4
Male	---	---	---	---	---	---	12.7	12.9	13.0	11.7	13.9	19.4	19.9	18.9	19.5	17.5	11.7
Female	10.7	10.7	11.2	11.2	9.7	9.4	8.4	8.1	9.1	10.7	10.8	12.8	14.0	12.2	10.1	11.5	10.2
Aortic aneurysm and dissection																	
White	9.0	8.6	8.4	7.0	7.0	6.7	6.5	6.5	6.8	6.4	6.8	6.3	5.8	5.0	4.4	3.7	3.4
Male	15.2	14.1	13.6	11.3	11.3	10.8	10.6	10.4	11.3	10.0	9.6	8.8	8.3	6.9	6.2	5.5	5.1
Female	5.0	5.0	5.0	4.3	4.3	4.1	3.9	4.0	3.9	4.2	4.8	4.4	4.0	3.6	2.9	2.3	2.1
Black	8.3	6.7	8.4	7.5	6.6	6.1	5.6	5.0	5.0	5.5	5.9	6.8	6.3	5.3	5.0	4.0	3.6
Male	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	6.9	6.4	---	---	---	---

TABLE F-32 (continued)

Cause of Death/ Race-Sex	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	2003 -2007	2004 -2008	2005 -2009
Pneumonitis due to solids and liquids																	
White	4.3	4.0	4.1	4.3	5.0	5.4	6.8	7.5	8.5	8.9	9.4	8.6	7.9	6.8	6.1	5.4	5.2
Male	5.2	5.3	5.8	5.8	7.3	8.8	10.1	10.5	11.8	11.5	11.7	10.6	9.6	8.0	7.5	6.4	6.4
Female	3.8	3.3	3.3	3.6	4.0	3.8	5.1	5.8	6.7	7.3	8.0	7.4	6.8	6.0	5.2	4.6	4.3
Black	---	---	---	6.0	6.4	7.4	8.8	10.4	11.2	10.3	11.5	10.4	10.4	8.8	7.9	5.5	5.3
Male	---	---	---	---	---	---	---	15.4	19.7	17.7	19.6	18.1	17.6	14.7	12.5	---	---
Female	---	---	---	---	---	---	---	---	---	---	6.7	---	6.6	---	---	---	---
Other diseases of respiratory system																	
White	6.4	6.7	7.1	7.3	7.6	8.1	8.2	8.5	8.6	8.8	8.5	8.9	8.6	9.1	9.0	9.0	8.7
Male	8.5	10.2	9.6	10.3	10.4	10.7	10.0	10.6	10.2	9.8	9.7	10.1	10.1	11.3	11.0	10.4	10.3
Female	5.1	4.6	5.4	5.5	5.7	6.2	6.6	7.0	7.3	8.1	7.8	8.1	7.7	7.7	7.5	8.0	7.6
Black	9.4	8.7	7.6	7.4	7.6	6.7	6.1	6.9	7.1	7.8	7.2	7.3	7.0	6.8	7.2	9.1	9.6
Male	---	12.8	11.6	---	---	---	---	---	---	---	---	8.9	10.3	9.4	9.5	11.1	12.4
Female	---	---	---	---	---	---	---	7.9	8.1	7.6	6.4	6.3	---	5.4	5.8	7.8	8.1
Parkinson's disease																	
White	3.5	3.7	3.6	3.7	3.6	3.9	4.3	4.9	5.5	6.0	5.9	5.9	6.1	5.8	6.0	6.1	6.0
Male	6.1	7.1	6.5	6.3	5.9	6.1	6.0	6.8	8.0	8.5	8.7	8.9	9.2	8.9	9.1	8.9	8.4
Female	2.0	1.9	2.0	2.2	2.3	2.8	3.4	3.9	4.2	4.6	4.3	4.2	4.4	4.1	4.2	4.4	4.6
Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Male	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dementia																	
White	5.1	5.6	6.0	5.8	6.2	6.6	6.1	6.6	7.4	8.6	9.5	10.2	11.9	15.6	18.9	24.0	29.4
Male	5.7	6.5	7.5	7.1	7.3	7.5	7.0	7.9	7.8	7.9	8.4	8.8	9.5	13.0	15.8	20.2	25.1
Female	4.8	5.1	5.2	5.2	5.6	6.0	5.6	6.1	7.2	8.9	10.1	10.9	13.1	16.9	20.6	25.9	31.7
Black	---	---	---	---	---	---	---	6.0	5.7	8.6	10.2	15.1	16.0	22.6	29.3	33.3	35.8
Male	---	---	---	---	---	---	---	---	---	18.8	18.0	22.0	21.8	28.6	28.1	33.8	38.9
Female	---	---	---	---	---	---	---	---	---	---	---	12.3	13.3	19.7	29.6	33.0	33.9

Notes:

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

Source:

Delaware Health Statistics Center

AADR_TRND(3)

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Technical Notes

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TECHNICAL NOTES

SOURCES OF DATA

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

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

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

MARRIAGES AND DIVORCES: Each of Delaware's three counties has a state office for the collection of marriage certificates. All of these certificates are processed and maintained by the Office of Vital Statistics in the Division of Public Health's central office in Dover. Copies of divorce certificates are forwarded to the Office of Vital Statistics from the Delaware Family Court system so that certain selected data items can be processed for statistical purposes. A copy of each of these certificates is included as Appendices I and J.

INDUCED TERMINATIONS OF PREGNANCY: Beginning on January 1, 1997, all induced terminations of pregnancy (ITOP) were required to be reported to the Department. Reports of induced termination of pregnancy are filed directly with the DHSC. The reports are filed for statistical purposes only and are shredded and discarded when all reports for the data year have been coded. ITOP records are currently not being exchanged among the states, so events to Delaware residents occurring out-of-state are not included in this report. A copy of the reporting form is included as Appendix K.

REPORTED PREGNANCIES: Reported pregnancies refer to live births, fetal deaths, and ITOP. When used in combination, these three events can yield a great deal of information regarding pregnancy and pregnancy outcomes that is not possible by looking at each individual event separately. For example, live birth rates can be calculated using live births in conjunction with population data. However, differences observed between live birth rates in two or more geographic areas or within the same area at different points in time may be due to differences in the rate of pregnancy, differences in pregnancy outcomes (i.e., live birth, fetal death, or ITOP), or a combination of these factors. Only pregnancy rates allow such questions to be thoroughly examined. It should be kept in mind that both births and fetal deaths of Delaware residents are reported regardless of state of occurrence, while induced terminations are reported for only those that occur in Delaware.

POPULATION PROJECTIONS: The state, county and city population figures used in this report are estimates and projections produced by the Delaware Population Consortium (DPC). The DHSC is a member of the DPC and supplies birth and death data used in making the projections. Copies of the most recent projections for Delaware's population by age, race, sex, and geographic location are available at <http://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.¹ Rates based on a relatively small number of events tend to be subject to more random variation than rates based on a large number of events.

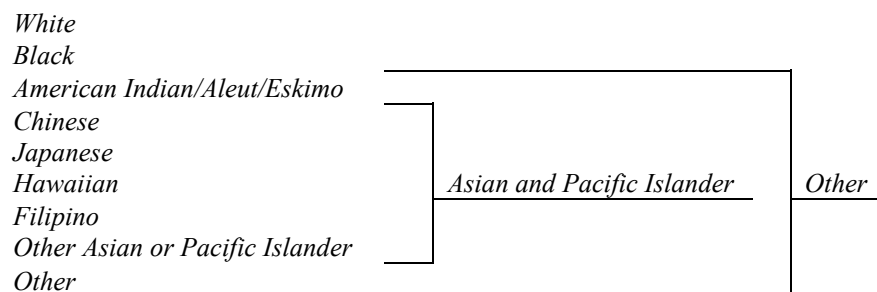
In addition to the problem of small numbers, demographic characteristics of populations (i.e., age, race and sex) can affect the comparability of rates. Since mortality rates vary substantially by age, race and sex, comparisons between rates from populations that differ in these characteristics could be misleading. However, there are two methods that can be used separately or in combination to improve the comparability of mortality rates. The first method involves comparing rates for specific age, race, and/or sex groups in the populations of interest. With this method, the rates are easily calculated and very specific groups may be compared. However, when very specific groups are compared the numbers are often small, and relationships between the overall populations are difficult to determine.

¹See 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.² When rolling FYA rates (e.g., rates for 1980-1984, 1981-1985, and 1982-1986) are used, the patterns of changes in infant mortality over a number of years can be determined.

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

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

STATISTICAL TESTS:

Confidence intervals for rates based on fewer than 100 deaths:

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

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

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

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

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

Confidence intervals for rates based 100 or more deaths:

$$R_1 \pm 1.96 * SE$$

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

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

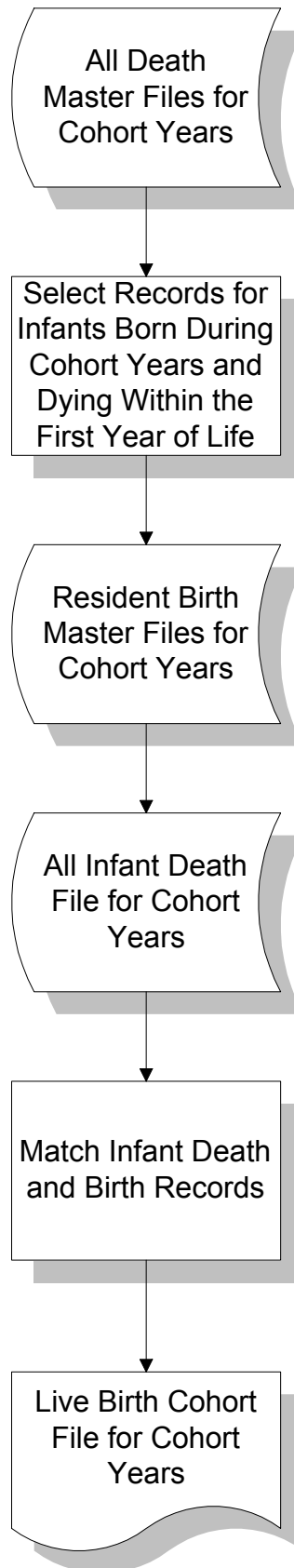
Comparison of two infant mortality rates - When the number of events for one or both of the rates was less than 100, comparisons between rates were based on the confidence intervals for each. If they overlapped, the difference was not significant. When the number of events for both rates was 100 or more,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

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

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

APPENDIX C

CREATION OF A LIVE BIRTH COHORT FILE



APPENDIX D

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF INFANT DEATH

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

APPENDIX D (cont.)

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF INFANT DEATH

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

1. International Classification of Diseases, Tenth Revision.

2. International Classification of Diseases, Ninth Revision.

APPENDIX E

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF DEATH

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

APPENDIX E (cont.)

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF DEATH

Cause of death	Category codes according to	
	ICD-10 ¹	ICD-9 ²
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	740-759
Accidents (unintentional injuries)	V01-X59, Y85-Y86	E800-E869, E880-E929
Intentional self-harm (suicide)	*U03, X60-X84, Y87.0	E950-E959
Assault (Homicide)	*U01-*U02, X85-Y09, Y87.1	E960-E969
Legal intervention	Y35, Y89.0	E970-E978
Operations of war and their sequelae	Y36, Y89.1	E990-E999
Complications of medical and surgical care	Y40-Y84, Y88	E870-E879, E930-E949

1. International Classification of Diseases, Tenth Revision.

2. International Classification of Diseases, Ninth Revision.

APPENDIX F

STATE OF DELAWARE CERTIFICATE OF LIVE BIRTH

STATE OF DELAWARE DEPARTMENT OF HEALTH AND SOCIAL SERVICES CERTIFICATE OF LIVE BIRTH				(107) STATE FILE #	
CHILD	1. CHILD'S NAME (First, Middle, Last, Suffix)		2. TIME OF BIRTH (24HR)	3. SEX	
	5. FACILITY NAME (If not institution, give street and number)		6. CITY, TOWN, OR LOCATION OF BIRTH	7. COUNTY OF BIRTH	
MOTHER	8a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		8b. MOTHER'S DATE OF BIRTH (Mo/Day/Yr)		
	8c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)		8d. BIRTHPLACE (State, Territory, or Foreign Country)		
	9a. RESIDENCE OF MOTHER-STATE	9b. COUNTY	9c. CITY, TOWN, OR LOCATION		
	9d. STREET AND NUMBER	9e. APT. NO	9f. ZIP CODE	9g. INSIDE CITY LIMITS? <input type="checkbox"/> YES <input type="checkbox"/> NO	
FATHER	10a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)	10b. DATE OF BIRTH (Mo/Day/Yr)	10c. BIRTHPLACE (State, Territory, or Foreign Country)		
CERTIFIER	11. CERTIFIER'S NAME TITLE: <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> HOSPITAL ADMIN. <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (SPECIFY) _____		12. DATE CERTIFIED MM / DD / YYYY	13. DATE FILED BY REGISTRAR MM / DD / YYYY	
INFORMATION FOR ADMINISTRATIVE USE					
MOTHER	14. MOTHER'S MAILING ADDRESS: <input type="checkbox"/> Same as residence, or: _____		STATE: _____ CITY, TOWN, OR LOCATION _____		
	STREET & NUMBER: _____		APARTMENT NO. _____	ZIP CODE: _____	
	15. MOTHER MARRIED? (At birth, conception, or any time between) <input type="checkbox"/> Yes <input type="checkbox"/> No		16. SOCIAL SECURITY NUMBER REQUESTED FOR CHILD? <input type="checkbox"/> Yes <input type="checkbox"/> No	17. FACILITY ID (NPI) <input type="checkbox"/> Yes <input type="checkbox"/> No	
	IF NO, HAS PATERNITY ACKNOWLEDGMENT BEEN SIGNED IN THE HOSPITAL? <input type="checkbox"/> Yes <input type="checkbox"/> No		18. MOTHER'S SOCIAL SECURITY NUMBER: _____		
INFORMATION FOR MEDICAL AND HEALTH PURPOSES ONLY					
MOTHER	20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery) <input type="checkbox"/> 8 th grade or less <input type="checkbox"/> 9 th - 12 th grade, no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Some college credit but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., Ph.D., EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		21. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina) <input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican, Mexican American, Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____		
	22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be) <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ Predominant Race _____				
FATHER	23. FATHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery) <input type="checkbox"/> 8 th grade or less <input type="checkbox"/> 9 th - 12 th grade, no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Some college credit but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, M.Ed., MSW, MBA) <input type="checkbox"/> Doctorate (e.g., Ph.D., EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		24. FATHER OF HISPANIC ORIGIN? (Check the box that best describes whether the father is Spanish/Hispanic/Latino. Check the "No" box if father is not Spanish/Hispanic/Latino) <input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican, Mexican American, Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____		
	25. FATHER'S RACE (Check one or more races to indicate what the father considers himself to be) <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ Predominant Race _____				
STATE OFFICE USE ONLY		26. PLACE WHERE BIRTH OCCURRED (Check one) <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding birthing center <input type="checkbox"/> Home Birth: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____			
		27. ATTENDANT'S NAME, TITLE, AND NPI NAME: _____ NPI: _____ TITLE: <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____			
		28. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY? <input type="checkbox"/> Yes <input type="checkbox"/> No IF YES, ENTER NAME OF FACILITY MOTHER TRANSFERRED FROM: _____			

APPENDIX F (cont.)

STATE OF DELAWARE CERTIFICATE OF LIVE BIRTH STATISTICAL SECTION

MOTHER	29a. DATE OF FIRST PRENATAL CARE VISIT MM / DD / YYYY <input type="checkbox"/> No Prenatal Care		29b. DATE OF LAST PRENATAL CARE VISIT MM / DD / YYYY		30. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY (If none, enter "0")	
	31. MOTHER'S HEIGHT ____ (feet/inches)		32. MOTHER'S PRE-PREGNANCY WEIGHT ____ (pounds)		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		35c. DATE OF LAST LIVE BIRTH MM / DD / YYYY	
MEDICAL AND HEALTH INFORMATION	36a. OTHER OUTCOMES NUMBER <input type="checkbox"/> None		36b. DATE OF LAST OTHER PREGNANCY OUTCOME MM / DD / YYYY		36c. DATE LAST NORMAL MENSES BEGAN 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. MOTHER'S MEDICAL RECORD NUMBER	
	41. RISK FACTORS IN THIS PREGNANCY (Check all that apply): Diabetes <input type="checkbox"/> Pre-Pregnancy (Diagnosis prior to this pregnancy) <input type="checkbox"/> Gestational (Diagnosis in this pregnancy) Hypertension <input type="checkbox"/> Pre-Pregnancy (Chronic) <input type="checkbox"/> Gestational <input type="checkbox"/> Eclampsia <input type="checkbox"/> Previous preterm birth <input type="checkbox"/> Other previous poor pregnancy outcome (includes perinatal death, small-for-gestational age/intrauterine growth restricted birth) <input type="checkbox"/> Pregnancy resulted from infertility treatment-if yes, check all that apply: <input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination <input type="checkbox"/> Assisted reproductive technology (e.g. in vitro fertilization [IVF], gamete intrafallopian transfer [GIFT]) <input type="checkbox"/> Mother had a previous cesarean delivery If yes, how many _____ <input type="checkbox"/> None of the above		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	
NEWBORN	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 _____ If 5 minute score is less than 6, Score at 10 minutes _____		52. PLURALITY – Single, Twin, Triplet, etc. (Specify) _____	
	53. IF NOT SINGLE BIRTH – Born first, second, third, etc. (Specify) _____		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

OFFICE OF VITAL
STATISTICS

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

(107)

State File Number

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

APPENDIX G (cont.)

STATE OF DELAWARE CERTIFICATE OF DEATH

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

APPENDIX H

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

STATE OF DELAWARE DEPARTMENT OF HEALTH AND SOCIAL SERVICES REPORT OF FETAL DEATH				(107) STATE FILE #
FETUS	1. NAME OF FETUS (optional-at the discretion of the parents)		2. TIME OF DELIVERY (24hr)	3. SEX (M/F/Unk)
	5a. CITY, TOWN, OR LOCATION OF DELIVERY		7. PLACE WHERE DELIVERY OCCURRED (Check one) <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding birthing center <input type="checkbox"/> Home Delivery: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____	
	5b. ZIP CODE OF DELIVERY		8. FACILITY NAME (if not institution, give street and number)	
	6. COUNTY OF DELIVERY		9. FACILITY ID (NPI)	
MOTHER	10a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			10b. DATE OF BIRTH (Mo/Day/Yr)
	10c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)			10d. BIRTHPLACE (State, Territory, or Foreign Country)
	11a. RESIDENCE OF MOTHER-STATE	11b. COUNTY	11c. CITY, TOWN, OR LOCATION	
	11d. STREET AND NUMBER	11e. APT. NO.	11f. ZIP CODE	11g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No
FATHER	12a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		12b. DATE OF BIRTH (Mo/Day/Yr)	12c. BIRTHPLACE (State, Territory, or Foreign Country)
	13. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH			
CAUSE OF FETAL DEATH	13a. INITIATING CAUSE/CONDITION (AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other Specify _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown		13b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 13b) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other Specify _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown	
	13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death	
	13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY (completed weeks)		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
			13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
		13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No		
DISPOSITION	14. METHOD OF DISPOSITION: <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Hospital Disposition <input type="checkbox"/> Donation <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify) _____			
CERTIFIER AND REGISTRATION INFORMATION	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER(Specify) _____
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD SIGNATURE ➤		16b. DATE SIGNED	
	16c. MAILING ADDRESS			
MOTHER'S MEDICAL RECORD NO	17a. NAME OF CEMETARY OR CREMATORY		17b. LOCATION (CITY, TOWN, COUNTY) (STATE)	
	18a. DATE RECEIVED BY REGISTRAR	18b. REGISTRAR'S SIGNATURE ➤	19. FUNERAL DIRECTOR'S SIGNATURE ADDRESS	

APPENDIX H (cont.)

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

MOTHER	<p>20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery)</p> <p><input type="checkbox"/> 8th grade or less</p> <p><input type="checkbox"/> 9th - 12th grade, no diploma</p> <p><input type="checkbox"/> High school graduate or GED completed</p> <p><input type="checkbox"/> Some college credit but no degree</p> <p><input type="checkbox"/> Associate degree (e.g., AA, AS)</p> <p><input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS)</p> <p><input type="checkbox"/> Master's degree (e.g., MA, MS, MEd, MEd, MSW, MBA)</p> <p><input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)</p>	<p>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)</p> <p><input type="checkbox"/> No, not Spanish/Hispanic/Latina</p> <p><input type="checkbox"/> Yes, Mexican, Mexican American, Chicana</p> <p><input type="checkbox"/> Yes, Puerto Rican</p> <p><input type="checkbox"/> Yes, Cuban</p> <p><input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____</p>	<p>22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)</p> <p><input type="checkbox"/> White</p> <p><input type="checkbox"/> Black or African American</p> <p><input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____</p> <p><input type="checkbox"/> Asian Indian</p> <p><input type="checkbox"/> Chinese</p> <p><input type="checkbox"/> Filipino</p> <p><input type="checkbox"/> Japanese</p> <p><input type="checkbox"/> Korean</p> <p><input type="checkbox"/> Vietnamese</p> <p><input type="checkbox"/> Other Asian (Specify) _____</p> <p><input type="checkbox"/> Native Hawaiian</p> <p><input type="checkbox"/> Guamanian or Chamorro</p> <p><input type="checkbox"/> Samoan</p> <p><input type="checkbox"/> Other Pacific Islander (Specify) _____</p> <p><input type="checkbox"/> Other (Specify) _____</p> <p>Predominant Race _____</p>																
<p>23. MOTHER MARRIED? (At delivery, conception, or anytime between) <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<p>24a. DATE OF FIRST PRENATAL CARE VISIT _____</p> <p><input type="checkbox"/> No Prenatal Care</p>	<p>24b. DATE OF LAST PRENATAL CARE VISIT _____</p>	<p>25. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY _____ (If none, enter "0")</p>															
<p>26. MOTHER'S HEIGHT _____ (feet/inches)</p>		<p>27. MOTHER'S PRE-PREGNANCY WEIGHT _____ (pounds)</p>	<p>28. MOTHER'S WEIGHT AT DELIVERY _____ (pounds)</p>	<p>29. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>															
<p>30. NUMBER OF PREVIOUS LIVE BIRTHS</p> <p>30a. Now Living _____</p> <p>30b. Now Dead _____</p> <p><input type="checkbox"/> None <input type="checkbox"/> None</p>		<p>31. NUMBER OF OTHER PREGNANCY OUTCOMES (spontaneous or induced losses or ectopic pregnancies)</p> <p>31a. Other Outcomes _____</p> <p>31b. DATE OF LAST OTHER PREGNANCY OUTCOME _____</p>																	
<p>30c. DATE OF LAST LIVE BIRTH _____</p>		<p>32. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY</p> <p>For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. IF NONE, ENTER "0".</p> <table style="width: 100%;"> <thead> <tr> <th></th><th># of cigarettes</th><th># of packs</th></tr> </thead> <tbody> <tr> <td>Three Months Before Pregnancy</td><td>_____</td><td>OR _____</td></tr> <tr> <td>First Three Months of Pregnancy</td><td>_____</td><td>OR _____</td></tr> <tr> <td>Second Three Months of Pregnancy</td><td>_____</td><td>OR _____</td></tr> <tr> <td>Third Trimester of Pregnancy</td><td>_____</td><td>OR _____</td></tr> </tbody> </table>				# of cigarettes	# of packs	Three Months Before Pregnancy	_____	OR _____	First Three Months of Pregnancy	_____	OR _____	Second Three Months of Pregnancy	_____	OR _____	Third Trimester of Pregnancy	_____	OR _____
	# of cigarettes	# of packs																	
Three Months Before Pregnancy	_____	OR _____																	
First Three Months of Pregnancy	_____	OR _____																	
Second Three Months of Pregnancy	_____	OR _____																	
Third Trimester of Pregnancy	_____	OR _____																	
<p>33. DATE LAST NORMAL MENSES BEGAN _____</p>		<p>34. PLURALITY - Single, Twin, Triplet, etc. _____ (Specify) _____</p>																	
<p>35. IF NOT SINGLE BIRTH, Born First, Second, Third, etc. _____ (Specify) _____</p>																			
<p>36. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>IF YES, ENTER NAME OF FACILITY MOTHER TRANSFERRED FROM: _____</p>																			
MEDICAL AND HEALTH INFORMATION	<p>37. RISK FACTORS IN THIS PREGNANCY (Check all that apply)</p> <p>Diabetes</p> <p><input type="checkbox"/> Pre-pregnancy (Diagnosis prior to this pregnancy)</p> <p><input type="checkbox"/> Gestational (Diagnosis in this pregnancy)</p> <p>Hypertension</p> <p><input type="checkbox"/> Pre-pregnancy (Chronic)</p> <p><input type="checkbox"/> Gestational (PIH, preeclampsia)</p> <p><input type="checkbox"/> Eclampsia</p> <p><input type="checkbox"/> Previous preterm birth</p> <p><input type="checkbox"/> Other previous poor pregnancy outcome (Includes perinatal death, small-for-gestational age/intrauterine growth restricted birth)</p> <p><input type="checkbox"/> Pregnancy resulted from infertility treatment. If yes, check all that apply:</p> <p><input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination</p> <p><input type="checkbox"/> Assisted reproductive technology (e.g., in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))</p> <p><input type="checkbox"/> Mother had a previous cesarean delivery</p> <p>If yes, how many _____</p> <p><input type="checkbox"/> None of the above</p>																		
<p>39. METHOD OF DELIVERY</p> <p>A. Was delivery with forceps attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>B. Was delivery with vacuum extraction attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>C. Fetal presentation at delivery</p> <p><input type="checkbox"/> Cephalic</p> <p><input type="checkbox"/> Breech</p> <p><input type="checkbox"/> Other _____</p> <p>D. Final route and method of delivery (Check one)</p> <p><input type="checkbox"/> Vaginal/Spontaneous</p> <p><input type="checkbox"/> Vaginal/Forceps</p> <p><input type="checkbox"/> Vaginal/Vacuum</p> <p><input type="checkbox"/> Cesarean</p> <p>If cesarean, was a trial of labor attempted? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>E. Hysterotomy/Hysterectomy <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<p>40. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery)</p> <p><input type="checkbox"/> Maternal transfusion</p> <p><input type="checkbox"/> Third or fourth degree perineal laceration</p> <p><input type="checkbox"/> Ruptured uterus</p> <p><input type="checkbox"/> Unplanned hysterectomy</p> <p><input type="checkbox"/> Admission to intensive care unit</p> <p><input type="checkbox"/> Unplanned operating room procedure following delivery</p> <p><input type="checkbox"/> None of the above</p>																	
<p>41. CONGENITAL ANOMALIES OF THE FETUS (Check all that apply)</p> <p><input type="checkbox"/> Anencephaly</p> <p><input type="checkbox"/> Meningocele/Spina bifida</p> <p><input type="checkbox"/> Cyanotic congenital heart disease</p> <p><input type="checkbox"/> Congenital diaphragmatic hernia</p> <p><input type="checkbox"/> Omphalocele</p> <p><input type="checkbox"/> Gastroschisis</p> <p><input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes)</p> <p><input type="checkbox"/> Cleft Lip with or without Cleft Palate</p> <p><input type="checkbox"/> Cleft Palate alone</p> <p><input type="checkbox"/> Down Syndrome</p> <p><input type="checkbox"/> Karyotype confirmed</p> <p><input type="checkbox"/> Karyotype pending</p> <p><input type="checkbox"/> Suspected chromosomal disorder</p> <p><input type="checkbox"/> Karyotype confirmed</p> <p><input type="checkbox"/> Karyotype pending</p> <p><input type="checkbox"/> Hypospadias</p> <p><input type="checkbox"/> None of the anomalies listed above</p>																			

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 #		
FETUS	1. NAME OF FETUS (optional-at the discretion of the parents)		2. TIME OF DELIVERY (24hr)	3. SEX (M/F/Unk)	4. DATE OF DELIVERY (Mo/Day/Yr)	
	5a. CITY, TOWN, OR LOCATION OF DELIVERY		7. PLACE WHERE DELIVERY OCCURRED (Check one) <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding birthing center <input type="checkbox"/> Home Delivery: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____		8. FACILITY NAME (if not institution, give street and number)	
	5b. ZIP CODE OF DELIVERY				9. FACILITY ID (NPI)	
	6. COUNTY OF DELIVERY					
MOTHER	10a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			10b. DATE OF BIRTH (Mo/Day/Yr)		
	10c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)			10d. BIRTHPLACE (State, Territory, or Foreign Country)		
	11a. RESIDENCE OF MOTHER-STATE	11b. COUNTY		11c. CITY, TOWN, OR LOCATION		
	11d. STREET AND NUMBER	11e. APT. NO.	11f. ZIP CODE	11g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No		
FATHER	12a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		12b. DATE OF BIRTH (Mo/Day/Yr)		12c. BIRTHPLACE (State, Territory, or Foreign Country)	
13. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH						
CAUSE OF FETAL DEATH	13a. INITIATING CAUSE/CONDITION (AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown		13b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 13b) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown			
	13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
	13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY _____ (completed weeks)				13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
					13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No	
DISPOSITION	14. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Hospital Disposition <input type="checkbox"/> Donation <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify) _____					
CERTIFIER AND REGISTRATION INFORMATION	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____		
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD SIGNATURE ➤		16b. DATE SIGNED			
	16c. MAILING ADDRESS					
MOTHER'S MEDICAL RECORD NO.	17a. NAME OF CEMETARY OR CREMATORY		17b. LOCATION (CITY, TOWN, COUNTY) (STATE)			
	18a. DATE RECEIVED BY REGISTRAR	18b. REGISTRAR'S SIGNATURE ➤	19. FUNERAL DIRECTOR'S SIGNATURE		ADDRESS	

APPENDIX H (cont.)

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

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

REV. 04/2005

Sample

APPENDIX I

STATE OF DELAWARE CERTIFICATE OF MARRIAGE

1

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

VALID ONLY IN THE STATE OF DELAWARE

STATE FILE COPY

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

APPENDIX J

STATE OF DELAWARE CERTIFICATE OF DIVORCE OR ANNULMENT

CERTIFICATE OF DIVORCE OR ANNULMENT

State of Delaware
Division of Public Health
OFFICE OF VITAL STATISTICS

State File No.

Attorney	Petitioner (check one) <input type="checkbox"/> Husband <input type="checkbox"/> Wife <input type="checkbox"/> Both <input type="checkbox"/> Other (specify) _____		Name of Petitioner's Attorney		Attorney's Address (Number, Street, Town, State & Zip)	
	1. Husband's Name (First-Middle-Last)		2. SSN			
Husband	3a. Residence (Number and Street)		3b. City		3c. County	
	3d. State	3e. Zip Code	4. Birthplace (State or Foreign Country)		5. Date of Birth (Month, Day, Year)	
Wife	6. Race (Check which race you consider yourself to be)		6b. Hispanic Origin (Check box with selection)		8. Number of this marriage 1 st , 2 nd , etc. (Specify below)	
	<input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____		<input type="checkbox"/> 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) _____		7. Education (check one) <input type="checkbox"/> 8th grade or less <input type="checkbox"/> 9th-12th grade, but 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 <input type="checkbox"/> Bachelor's degree <input type="checkbox"/> Master's degree <input type="checkbox"/> Doctorate or professional degree	
10. Wife's Name (First-Middle-Last)		11. Wife's Name (First-Middle-Last)		12. SSN		
13a. Residence (Number and Street)		13b. City		13c. County		
13d. State		13e. Zip Code		14. Birthplace (State or Foreign Country)		
15. Date of Birth (Month, Day, Year)		16. Race (Check which race you consider yourself to be)		16b. Hispanic Origin (Check box with selection)		
16. Race (Check which race you consider yourself to be)		16b. Hispanic Origin (Check box with selection)		18. Number of this marriage 1 st , 2 nd , etc. (Specify below)		
<input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____		<input type="checkbox"/> 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) _____		19. If previously married: Date of your last previous marriage (Month, Day, Year) 19b. Preceding marriage ended by (check one) <input type="checkbox"/> Death <input type="checkbox"/> Divorce <input type="checkbox"/> Annulment 19c. Date previous marriage ended (Month, Day, Year)		
20. Date of this marriage (Month, Day, Year)		21a. Place where this marriage took place (City, Town or Location)		21b. County		
21c. State or Foreign Country		22. Date couple last resided in same household		23. Number of children under 18 in this household as of date in Item 22.		
23b. Number of children whose physical custody was awarded to: Husband _____ Wife _____ Joint (Husband/Wife) _____ Other _____ () No children		23c. CONTESTED? <input type="checkbox"/> YES <input type="checkbox"/> NO		24. I certify that the marriage of the named persons was dissolved on (Month, Day, Year)		
25. Type of Decree (check one) <input type="checkbox"/> Divorce <input type="checkbox"/> Annulment		26. County of Decree (check one) <input type="checkbox"/> New Castle <input type="checkbox"/> Kent <input type="checkbox"/> Sussex		27. Date Recorded (Month/Day/Year)		
28. Title of Court		29. Signature of Certifying Official		30. Title of Certifying Official		
31. Date Signed (Month/Day/Year)		Clerk of Court				

ATTORNEY – Complete items 1-23b when filing petition and leave with Clerk of the Court
 CLERK OF THE COURT – After final decree, complete items 24-31 and forward to: Office of Vital Statistics, 417 Federal Street, Dover, DE 19901
 STATE FILE COPY

APPENDIX K

STATE OF DELAWARE REPORT OF INDUCED TERMINATION OF PREGNANCY



DELAWARE HEALTH
AND SOCIAL SERVICES

REPORT OF INDUCED TERMINATION OF PREGNANCY

1. FACILITY NAME (if not clinic or hospital, give address)		2. CITY, TOWN, OR LOCATION OF PREGNANCY TERMINATION		3. COUNTY OF PREGNANCY TERMINATION													
4. FORM NUMBER		5. AGE LAST BIRTHDAY	6. MARRIED? <input type="checkbox"/> Yes <input type="checkbox"/> No	7. DATE OF PREGNANCY TERMINATION (Month, Day, Year)													
8a. RESIDENCE - STATE	8b. COUNTY	8c. CITY, TOWN, OR LOCATION		8d. ZIP CODE													
9. OF HISPANIC ORIGIN? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.) <input type="checkbox"/> No <input type="checkbox"/> Yes Specify:		10. RACE <input type="checkbox"/> White <input type="checkbox"/> Black <input type="checkbox"/> Other (Specify) _____		11. EDUCATION (Specify only highest grade completed) Elementary/Secondary (0-12) College (1-4 or 5+)													
12. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)		13. CLINICAL ESTIMATE OF GESTATION (Weeks)		14. PREVIOUS PREGNANCIES (Complete each section)													
				<table border="1"> <thead> <tr> <th colspan="2">LIVE BIRTHS</th> <th colspan="2">OTHER TERMINATIONS</th> </tr> </thead> <tbody> <tr> <td>14a. Now Living</td> <td>14b. Not Living</td> <td>14c. Spontaneous</td> <td>14d. Induced (Do not include this termination)</td> </tr> <tr> <td>Number _____ <input type="checkbox"/> None</td> <td>Number _____ <input type="checkbox"/> None</td> <td>Number _____ <input type="checkbox"/> None</td> <td>Number _____ <input type="checkbox"/> None</td> </tr> </tbody> </table>		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
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 (Check only one)																	
<input type="checkbox"/> Suction Curettage <input type="checkbox"/> Medical (Nonsurgical), Specify Medication(s) _____ <input type="checkbox"/> Dilation and Evacuation (D&E) <input type="checkbox"/> Intra-Uterine Instillation (Saline or Prostaglandin) <input type="checkbox"/> Sharp Curettage (D&C) <input type="checkbox"/> Hysterotomy/Hysterectomy <input type="checkbox"/> Other (Specify) _____																	

(Instructions on back)

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

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

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REFERENCES

- Anderson RN and Rosenberg HM. Age Standardization of Death Rates: Implementation of the Year 2000 Standard. *National Vital Statistics Reports*. Vol. 47(3). Hyattsville, MD: National Center for Health Statistics, 1998.
- Anderson RN, Minino AM, Hoyert DL, Rosenberg HM. Comparability of Cause of Death Between ICD-9 and ICD-10: Preliminary estimates. *National Vital Statistics Reports*. Vol 49(2). Hyattsville, Maryland: National Center for Health Statistics. 2001.
- Callaghan WM, MacDorman MF, Rasmussen S, Cheng Q, Lackritz E. The Contribution of Preterm Birth to Infant Mortality Rates in the United States. *Pediatrics*. 2006; 118: 1566-1573.
- Hamilton BE, Martin JA, Ventura SJ. Births: Preliminary data for 2005. *National Vital Statistics Reports*. Vol 55. Hyattsville, MD: National Center for Health Statistics. Available from: <http://www.cdc.gov/nchs/products/pubs/pubd/hestats/prelimbirths05/prelimbirths05.htm>.
- International Classification of Diseases and Related Health Problems*. Tenth Revision, Volume 1. Geneva, World Health Organization, 1992.
- London Health Observatory. Calculating Life Expectancy and Infant Mortality Rates – Mapping Health Inequalities Across London – technical supplement. September, 2001. Available at http://www.lho.org.uk/Health_Inequalities/Attachments/PDF_Files/tech_supp.pdf.
- Munson ML, Sutton PD. Births, marriages, divorces, and deaths: Provisional data for 2005. *National Vital Statistics Reports*. Vol 54 (20). Hyattsville, MD: National Center for Health Statistics. 2006.
- National Center for Health Statistics. Instruction Manual, Part 11: Computer Edits for Mortality Data, Including Separate Section for Fetal Deaths, Effective 2005. National Center for Health Statistics, Hyattsville, MD. October 2004.
- National Center for Health Statistics. Instruction Manual, Part 12: Computer Edits for Natality Data, Effective 1993. National Center for Health Statistics, Hyattsville, MD. March 1995.
- National Office of Vital Statistics, C.L. Chiang. Standard Error of the Age-Adjusted Death Rate. *Vital Statistics-Special Reports*. Vol. 47, No. 9. Public Health Service. Washington, D.C., Aug. 1961.
- Ventura, SJ, Taffel, S, and Mosher, WD Estimates of Pregnancies and Pregnancy Rates for the United States, 1976-1981. *Public Health Reports*. 100(1): 31-34, 1985.

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