

## Births: Final Data for 2017

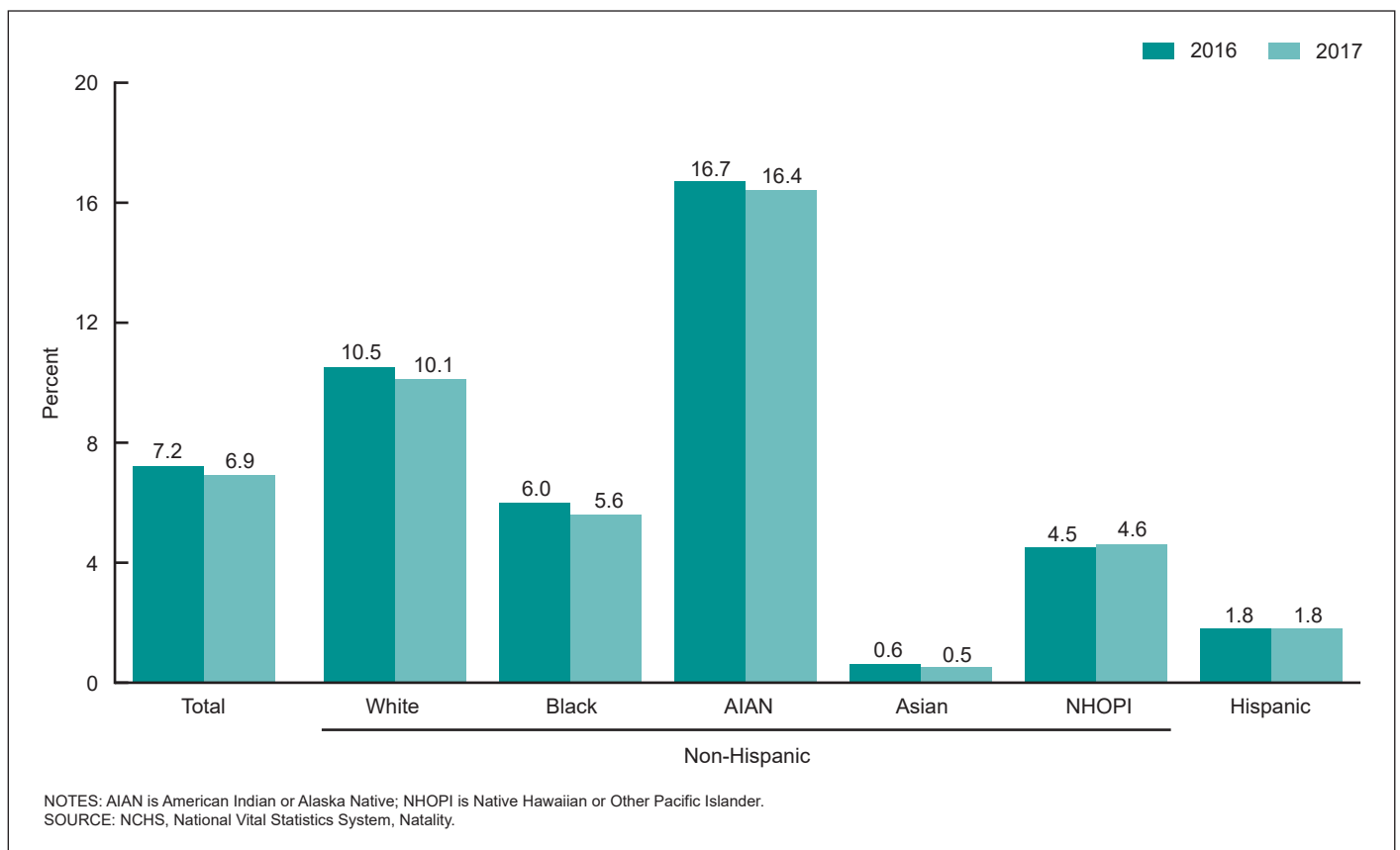
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### Abstract

**Objectives**—This report presents 2017 data on U.S. births according to a wide variety of characteristics. Trends in fertility patterns and maternal and infant characteristics are described and interpreted.

**Methods**—Descriptive tabulations of data reported on

the birth certificates of the 3.86 million births that occurred in 2017 are presented. Data are presented for maternal age, live-birth order, race and Hispanic origin, marital status, tobacco use, prenatal care, source of payment for the delivery, method of delivery, gestational age, birthweight, and plurality. Selected data by mother's state of residence and birth rates by age also are shown. Trend data for 2010 to 2017 are presented for



**Figure 1. Percentage of women who smoked during pregnancy, by race and Hispanic origin: United States, 2016 and 2017**

selected items. Trend data by race and Hispanic origin are shown for 2016 and 2017.

**Results**—A total of 3,855,500 births were registered in the United States in 2017, down 2% from 2016. Compared with rates in 2016, the general fertility rate declined to 60.3 births per 1,000 women aged 15–44. The birth rate for females aged 15–19 fell 7% in 2017. Birth rates declined for women in their 20s and 30s but increased for women in their early 40s. The total fertility rate declined to 1,765.5 births per 1,000 women in 2017. Birth rates for both married and unmarried women declined from 2016 to 2017. The percentage of women who began prenatal care in the first trimester of pregnancy rose to 77.3% in 2017; the percentage of all women who smoked during pregnancy declined to 6.9%. The cesarean delivery rate increased to 32.0% following 4 years of declines. Medicaid was the source of payment for 43.0% of all births in 2017, up 1% from 2016. The preterm birth rate rose for the third straight year, as did the rate of low birthweight. Twin and triplet and higher-order multiple birth rates were essentially stable in 2017.

**Keywords:** birth certificate • maternal and infant health • birth rates • maternal characteristics

## Introduction

This report presents detailed data on numbers and characteristics of births in 2017, birth and fertility rates, maternal demographic and health characteristics, medical and health care utilization, source of payment for the delivery, and infant health characteristics. A report of provisional birth statistics for 2017 presented data on selected topics based on a sample of nearly all (99.93%) 2017 births (1); a National Center for Health Statistics *Data Brief* presented selected characteristics based on final data for 2017 births (2).

The 2017 report marks the second year for which data for all 50 states and the District of Columbia (D.C.) are based on the 2003 revision of the U.S. Certificate of Live Birth. National data on race and Hispanic-origin categories based on the 1997 Office of Management and Budget (OMB) standards (3) are also presented for the second year, allowing for the presentation of data by single race and Hispanic origin for 2016 and 2017. These race and Hispanic-origin groups—non-Hispanic single-race white, non-Hispanic single-race black or African American, non-Hispanic single-race American Indian or Alaska Native (AIAN), non-Hispanic single-race Asian, and non-Hispanic single-race Native Hawaiian or Other Pacific Islander (NHOPI)—differ from the bridged-race categories shown in most reports that are based on data from 2015 and earlier. A comparison between bridged- and single-race data by selected characteristics is shown in “Births: Final Data for 2016” (4).

In addition to the tabulations included in this report, more detailed analysis is possible by using the annual natality public-use file. The data file may be downloaded from: [https://www.cdc.gov/nchs/data\\_access/Vitalstatsonline.htm](https://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm) (5). The public-use file does not include geographic detail, but a file with this information may be available upon request (6). Birth data may also be accessed via the Centers for Disease Control and Prevention’s (CDC) Wide-ranging Online Data for

Epidemiologic Research (WONDER). This easy-to-use Web system makes CDC’s information resources available to public health professionals and the public at large (7).

## 2003 revision of U.S. Standard Certificate of Live Birth

Starting in 2016, all 50 states, D.C., Puerto Rico, Guam, Commonwealth of the Northern Marianas, and U.S. Virgin Islands reported data based on the 2003 U.S. Certificate of Live Birth. American Samoa continued to report based on the 1989 birth certificate revision. Items that are nationally available for 2016 and described in this report and in “Births: Final Data for 2016 (4)” are: tobacco use before and during pregnancy (Figure 1), usage and timing of prenatal care, source of payment for the delivery, primary cesarean delivery, and vaginal delivery following a previous cesarean delivery (VBAC). Also available are summary statistics without more detail on a number of items new to the report: pregnancy resulted from infertility treatment, receipt of WIC (Special Supplemental Nutrition Program for Women, Infants, and Children) food for the pregnancy, prepregnancy and gestational diabetes, prepregnancy body mass index, and whether the infant was breastfed at discharge (Tables 13 and 14). Internet-only tables also include a number of new items: interval since last live birth, pregnancy risk factors, infections during pregnancy, obstetric procedures, characteristics of labor and delivery, maternal morbidity, and abnormal conditions of the newborn and congenital anomalies; see [List of Detailed Tables](#). For information on data quality, see the 2013 *National Vital Statistics Report* that assessed the quality of selected medical and health data from the 2003 revised birth certificate (8), and the 2017 User Guide (9).

## Methods

Data shown in this report are based on 100% of the birth certificates registered in all states and D.C. More than 99% of births occurring in this country are registered (9). Tables showing data by state also provide separate information for Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas. These areas, however, are not included in totals for the United States.

The 2003 revision of the U.S. Standard Certificate of Live Birth allows the reporting of more than one race (multiple races) for each parent (10), in accordance with the revised standards issued by OMB in 1997 (3). Starting in 2016, all 50 states, D.C., Puerto Rico, Guam, Northern Marianas, and U.S. Virgin Islands reported race data in accordance with these 1997 OMB standards that allow for the reporting of a minimum of five race categories either by single race (i.e., reported alone) or in combination (i.e., more than one race or multiple races) (3). The race and Hispanic-origin groups shown in this report follow the 1997 standards and differ from the bridged-race categories shown in most previous reports that are based on data from 2015 and earlier (11). The new categories are: non-Hispanic single-race white, non-Hispanic single-race black or African American, non-Hispanic single-race AIAN, non-Hispanic single-race Asian, non-Hispanic single-race NHOPI, and Hispanic. For brevity, text

references to non-Hispanic white or non-Hispanic black women omit the term “single-race.” Because single-race data are not available for the entire United States prior to 2016, this report only makes comparisons by race between 2016 and 2017. For more information on differences between single- and bridged-race groups, see “Births: Final Data for 2016” (4).

Race and Hispanic origin are reported independently on the birth certificate. Most tables in this report show data for the categories of non-Hispanic single-race white, non-Hispanic single-race black, and Hispanic. Selected tables also include data for non-Hispanic single-race AIAN, non-Hispanic single-race Asian, and non-Hispanic single-race NHOPI. Data are also presented in some tables for specific Hispanic groups: Mexican, Puerto Rican, Cuban, Central and South American, and other and unknown Hispanic.

Trend tables included in the detailed tables for this report include the years 2010–2017; see [List of Detailed Tables](#). Longer-term trends previously shown in this report series can be found in earlier-year reports (e.g., “Births: Final Data for 2015”) (11).

In this report, the total number of births includes births to women up to age 64. In tables that include age of mother, the oldest age groups shown (40–54, 45–49, 45–54, or 50–54) include births to mothers up to age 64 (births to mothers 55–64 are recategorized as age group 50–55). For information on levels of incomplete reporting by state, see the User Guide (9). For information on the measurement of data items

shown in this report, and the Internet tables, imputation techniques used, computation of derived statistics, and definitions of terms, see the User Guide (9).

## Demographic Characteristics (Tables 1–12)

### Births and birth rates

#### Number of births

In 2017, 3,855,500 births were registered in the United States, down 2% (or 90,375 births) from 2016 ([Table 1](#), [Figure 2](#)). This is the third year that the number of births has declined following an increase in 2014. Prior to that year, the number of births declined steadily from 2007 through 2013 (11).

Among the largest race and Hispanic-origin groups, the number of births declined 2% for Hispanic and 3% for non-Hispanic white women from 2016 to 2017, but rose less than 1% for non-Hispanic black women. The number of births also declined for non-Hispanic Asian and non-Hispanic AIAN women (2% and 5%, respectively); the number of births for non-Hispanic NHOPI women was essentially unchanged ([Tables 1, 3, and 6](#)). Among the specified Hispanic groups, births declined 4% for Mexican women in 2017, but rose 1% for Central and South American and 3% for Cuban women ([Tables 4 and 7](#)). The

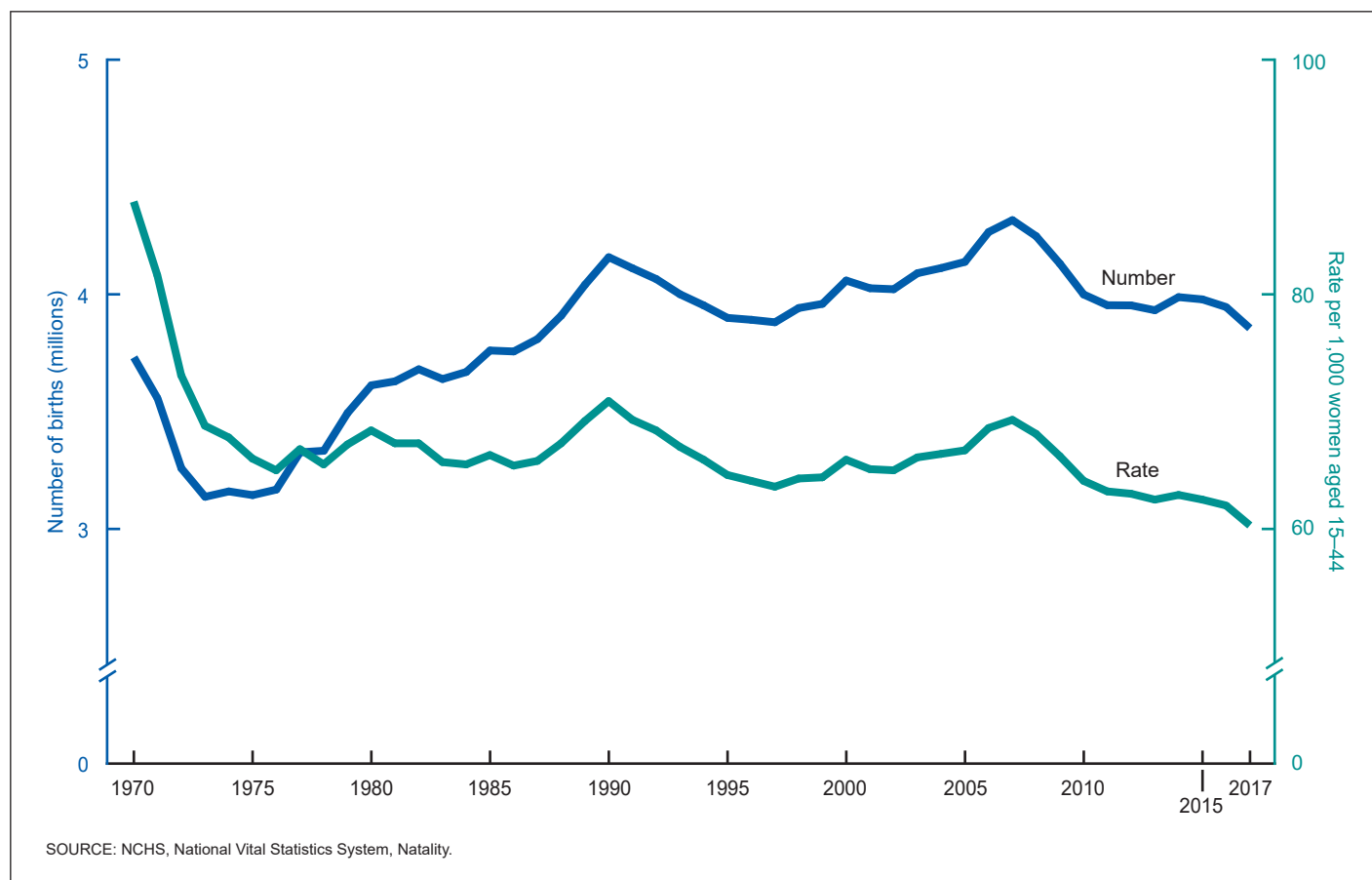


Figure 2. Live births and general fertility rates: United States, 1970–2017

number of births was essentially unchanged for Puerto Rican women in 2017.

### Fertility rate

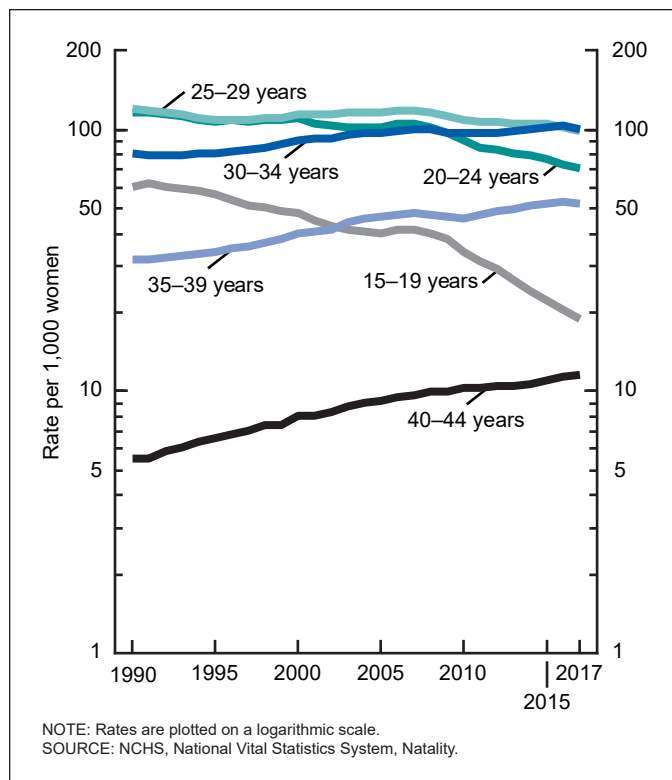
The **general fertility rate** (GFR) for the United States in 2017 was 60.3 births per 1,000 females aged 15–44, down 3% from 2016 (62.0), and a record low rate for the country (Table 1) (11,12). This is the third year that the rate has declined following an increase in 2014. From 2007 to 2013, the GFR declined steadily (11).

Among the race and Hispanic-origin groups, the GFR declined for nearly all groups in 2017, down less than 1% for non-Hispanic black, 3% for non-Hispanic white, and 4%–5% for Hispanic, non-Hispanic AIAN, and non-Hispanic Asian females. The rate for non-Hispanic NHOPI females was essentially unchanged from 2016 to 2017.

### Age of mother

Birth rates decreased for females in age groups 15–39, increased for females aged 40–44, and were unchanged for females aged 10–14 and 45–49 from 2016 to 2017.

**Teenagers**—The birth rate for females aged 15–19 in the United States in 2017 was 18.8 births per 1,000, down 7% from 2016 (20.3) and another record low (Table 2, Figure 3) (4,11,12). Since 2009, the teen birth rate has fallen to a new low each year. The rate for this group has declined 55% since 2007 (41.5), the most recent high, and 70% since the 1991 high (61.8). The



**Figure 3. Birth rates, by selected age of mother: United States, 1990–2017**

number of births to teenagers aged 15–19 was 194,377 in 2017, also down 7% from 2016 (209,809) (4).

The 2017 birth rates for teenagers aged 15–17 and 18–19 were 7.9 and 35.1 births per 1,000 females, respectively, down 10% and 6% from 2016, to record lows for both groups. Rates for these age groups have fallen 64% and 51%, respectively, since 2007, and by 80% and 63% since 1991. The birth rate for females aged 10–14 was unchanged in 2017 at 0.2 births per 1,000 females.

Among race and Hispanic-origin groups, the birth rates for teenagers aged 15–19 declined for nearly all groups in 2017: down 6% for non-Hispanic black and non-Hispanic AIAN teenagers, 8% for non-Hispanic white, 9% for Hispanic, 11% for non-Hispanic NHOPI, and 15% for non-Hispanic Asian teenagers.

**Women in their 20s**—The birth rate for women aged 20–24 was 71.0 births per 1,000 women in 2017, down 4% from 2016 (73.8), and another record low for this age group (Table 2) (11,12). The rate for women in this age group has declined steadily since 2006. The number of births to women in their early 20s declined 5% from 2016 (4). The rate for women aged 25–29 was 98.0 births per 1,000 women, down 4% from 2016 (102.1). The rate for women in this age group has declined for all but 1 year since 2007 (Table 2). The number of births to women in their late 20s was down by 2% from 2016 to 2017. (See Tables 3 and 4 for 2017 data) (4).

**Women in their 30s**—The birth rate for women aged 30–34 was 100.3 births per 1,000 women in 2017, down 2% from 2016 (102.7), and the first decline in the rate since 2010 (11). The 2017 rate for women aged 30–34 was higher than the rate for women aged 25–29 for the second year since reliable national records were available (1940) (11,12). The number of births to women aged 30–34 fell 2% from 2016 to 2017. The birth rate for women aged 35–39 was 52.3 births per 1,000 women in 2017, down 1% from 2016 (52.7), and the first decline in the rate since 2010 (Table 2). The number of births to women aged 35–39 rose 1% in 2017. (See Tables 3 and 4 for 2017 data) (4).

**Women in their 40s**—The birth rate for women aged 40–44 was 11.6 births per 1,000 women in 2017, up 2% from 2016 (11.4) (Table 2); the rate for this group has risen almost continuously since 1985 (12). The number of births to women in their early 40s rose 1% from 2016 to 2017. The birth rate for women aged 45–49 (which includes births to women aged 50 and over) was 0.9 births per 1,000 women in 2017, unchanged from 2016. The number of births to women aged 45 and over rose 3% from 2016 to 2017.

**Women aged 50 and over**—There were 840 births to women aged 50 and over in 2017, essentially unchanged from 2016 (786) (Table 3) (4). The number of births to women in this age group has generally increased since 1997 (144), when data for women aged 50 and over became available again. The birth rate for women aged 50–54 rose to 0.8 births per 10,000 women in 2017, from 0.7 in 2016. Because of the small number of births to women in this age group, the birth rate for women aged 50–54 is expressed per 10,000 women. For rates shown elsewhere in this report, births to women aged 50 and over are included with births to women aged 45–49 when computing birth rates by age of mother (the denominator for the rate is women aged 45–49).

## Live-birth order

The first-birth rate for the United States was 22.9 births per 1,000 females aged 15–44 in 2017, down 3% from 2016 (23.7) (See [Tables 3](#) and [4](#) for the number of births and [Table 5](#) for birth rates) (4). First-birth rates declined for females in their teens (down 8% for females aged 15–19), 20s (down 3% and 4% for women aged 20–24 and 25–29), and 30s (down 2% for women aged 30–34 and 1% for women aged 35–39), but rates rose for women in their late 40s (up from 0.2 in 2016 to 0.3 in 2017). First-birth rates for females aged 10–14 and 40–44 were unchanged in 2017.

## Mean age of mother

In 2017, the mean age of mothers at first birth was 26.8 years, an increase from 26.6 in 2016, and another record high for the country ([Tables 11](#), [12](#), and [I-6](#)) (11,12). The mean age at first birth is the arithmetic average of the age of mothers at the time of birth and is computed directly from the frequency of first births by age of mother. The increase in the mean age in 2017 reflects, in part, the decline in first births to females in their teens, 20s, and 30s, early 40s (4).

Mean age at first birth increased for nearly all race and Hispanic-origin groups in 2017, rising to 24.8 years for Hispanic, 24.9 for non-Hispanic black, 27.6 for non-Hispanic white, and 30.3 for non-Hispanic Asian women ([Tables 11](#), [12](#), and [I-6](#)). The average ages at first birth for non-Hispanic AIAN and NHOPI women were essentially unchanged from 2016 to 2017. Among the specified Hispanic groups, average ages increased to 24.2 years for Mexican, 24.7 for Puerto Rican, and 24.8 for Other Hispanic women, and were essentially unchanged for Cuban and Central and South American women.

## Total fertility rate

The **total fertility rate** (TFR) for the United States in 2017 was 1,765.5 births per 1,000 women, down 3% from 2016 (1,820.5) ([Table 2](#)). This is the third year that the TFR has declined following an increase in 2014. From 2007 to 2013, the rate declined steadily. TFR estimates the number of births that a hypothetical group of 1,000 women would have over their lifetimes, based on age-specific birth rates in a given year. Because it is computed from age-specific birth rates, TFR is age adjusted and can be compared for populations across time, population groups, and geographic areas.

Among race and Hispanic-origin groups, TFR declined for nearly all groups in 2017, down less than 1% for non-Hispanic black, 3% for non-Hispanic white, 4% for Hispanic, and 5%–6% for non-Hispanic AIAN and Asian women. The rate for non-Hispanic NHOPI women was essentially unchanged from 2016 to 2017.

TFR for the country in 2017 remained below “replacement,” the level at which a given generation can exactly replace itself (generally considered to be 2,100 births per 1,000 women). The U.S. TFR has generally been below replacement since 1971 (11,12). TFR was below replacement for all race and Hispanic-

origin groups in 2017; TFR for Hispanic women had been above replacement prior to 2016 ([Table 2](#)).

## Births and birth rates by state

The GFR, the number of births per 1,000 females aged 15–44, declined from 2016 to 2017 by 1% to 3% in 27 states, and by 4% to 6% in 14 states and D.C. (Alaska, Arizona, California, Colorado, Kansas, Montana, New Mexico, North Dakota, Oklahoma, Oregon, Texas, Utah, Washington, and Wyoming), and was essentially unchanged in 9 states (Alabama, Delaware, Mississippi, New Hampshire, Rhode Island, South Dakota, Tennessee, Vermont, and West Virginia). Rates among the states ranged from 49.7 births per 1,000 females aged 15–44 in Vermont to 76.4 in South Dakota. (See [Tables 6](#) and [7](#) for the number of births and [Table 8](#) for birth rates). Among the U.S. territories, GFR declined in Puerto Rico (by 11%) and was essentially unchanged in U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas. For the number of births by state in 2017, see [Tables 6](#) and [7](#).

## Birth rates for teenagers by state

In 2017, the birth rate for teenagers aged 15–19 declined in 32 states and D.C., with declines ranging from 5% for Alabama, Arkansas, Louisiana, Mississippi, New York, Ohio, and Tennessee, to 20% for North Dakota. Rates were essentially unchanged in the remaining 18 states (Connecticut, Delaware, Hawaii, Idaho, Indiana, Kansas, Maine, Massachusetts, Minnesota, Missouri, Nebraska, New Hampshire, Rhode Island, South Dakota, Utah, Vermont, Virginia, and Wyoming). Rates among the states ranged from 8.1 births per 1,000 in Massachusetts to 32.8 in Arkansas ([Table 8](#)). The wide range in state-specific teen rates is consistent with patterns observed in previous analyses (13,14). Teen birth rates declined in Puerto Rico and Northern Marianas (by 18% and 41%, respectively) and were essentially unchanged for the U.S. Virgin Islands, Guam, and American Samoa. Rates among the territories ranged from 16.1 births per 1,000 teenagers in Northern Marianas to 40.1 in Guam ([Table 8](#)).

## Births to unmarried women

The birth rate for unmarried women was 41.0 births per 1,000 unmarried women aged 15–44 in 2017, down 3% from 2016 (42.4) ([Tables 9](#) and [10](#)). The 2017 nonmarital birth rate was 21% lower than the peak of 51.8 in 2007 and 2008 (10). (See [Technical Notes](#) for a description of the adjustments made to calculations of rates by marital status beginning with 2017).

The birth rate for married women also declined in 2017, to 87.4 per 1,000 married women aged 15–44 from 89.6 in 2016. The marital birth rate declined 4% over the period 2005–2010 but rose 6% from 2010 through 2016 (11).

The percentage of all births to unmarried women was 39.8% in 2017, unchanged from 2016 and the lowest level since 2007 (10). The percentage of all births to unmarried women peaked in 2009 at 41.0% (11).

In 2017, the percentage of nonmarital births decreased from 2016 for the four largest race and Hispanic-origin groups:

non-Hispanic white (28.4% in 2017), non-Hispanic black (69.4%), non-Hispanic Asian (11.8%), and Hispanic (52.1%) women (Table 9). The percentage of nonmarital births increased for non-Hispanic AIAN women between 2016 and 2017 (69.2% in 2017) and was unchanged for non-Hispanic NHOPI women (48.5%). The number of nonmarital births decreased by 4% from 2016 (1,596,796) to 2017 (1,534,901) (4). Nonmarital birth rates declined from 2016 to 2017 for women in age groups under 35, with the rate for teenagers aged 15–19 dropping 8% (to 17.1 per 1,000 in 2017), and the rate for females aged 15–17 at an all-time low (7.7). Conversely, the nonmarital birth rate rose for women aged 35–39, reaching a historic peak of 36.0.

Compositional differences by race and Hispanic origin and maternal age among states are major contributing factors to the geographic variation in the percentage of births to unmarried mothers (Table I–7). The percentages of unmarried births ranged from less than one in five births in Utah (18.5%) to more than one-half of births in Louisiana, Mississippi, and New Mexico.

## Tobacco Use Before and During Pregnancy (Tables 13–15)

Of the women who gave birth in 2017, 6.9% reported smoking tobacco at some point while pregnant, a 4% decline from 2016 (4); see Table 15. Tobacco use was most common earlier in pregnancy: 6.7% of women smoked in their first trimester, 5.8% in their second, and 5.5% in their third. Of the 9.0% of women who reported smoking in the 3 months prior to becoming pregnant, 24.6% quit smoking before pregnancy (Table 15).

By race and Hispanic origin, 10.1% of non-Hispanic white women reported smoking at some point during pregnancy, down 4% from 2016; 5.6% of non-Hispanic black women reported smoking at some point during pregnancy, down 7%; and 1.8% of Hispanic women reported smoking during pregnancy, unchanged from 2016. See Figure 1 and Tables 13 and 14 for smoking levels among other race and Hispanic-origin groups. Rates of quitting smoking before pregnancy also varied by race and Hispanic origin: 22.6% of non-Hispanic white, 26.1% of non-Hispanic black, and 39.0% of Hispanic women who smoked during the 3 months prior to pregnancy did not smoke while pregnant.

By maternal age, pregnancy smoking rates were highest among women aged 20–24 (9.9%) and women under age 20 (8.2%). Tobacco use during pregnancy was less common among older women, with 3.5% of women aged 40–54 and 4.4% of women aged 35–39 reporting smoking during pregnancy (Table 15).

## Medical and Health Services Utilization and Source of Payment for the Delivery (Tables 13–19)

### Use and timing of prenatal care

Among women giving birth in 2017, 77.3% began prenatal care in the first trimester of pregnancy, up from 77.1% in 2016.

Late (beginning in the third trimester) or no prenatal care also increased in 2017 to 6.3%, from 6.2% in 2016 (Table 16) (4).

By race and Hispanic origin, prenatal care beginning in the first trimester increased for non-Hispanic white (from 82.3% in 2016 to 82.4% in 2017), non-Hispanic Asian (80.6% to 81.1%), and Hispanic (72.0% to 72.3%) women. First trimester care was unchanged in 2017 for non-Hispanic black (66.6%), non-Hispanic AIAN (63.4%), and non-Hispanic NHOPI women (4) (Table 13). Levels of late or no prenatal care continued to vary by race and Hispanic origin in 2017: non-Hispanic NHOPI mothers had the highest percentage of late or no care (19.6%), and non-Hispanic white mothers the lowest (4.5%).

By age of mother, women aged 20–24 were the only age group that was more likely to receive first trimester prenatal care in 2017 (70.5%) than in 2016 (70.3%), whereas women aged 35–39 were the only group less likely to receive first trimester care (81.5% from 81.7%). Rates for other age groups were unchanged in 2017. Levels of late or no prenatal care increased 2% to 4% from 2016 to 2017 for all age groups under 40 (Table 16) (4).

### Method of delivery

#### Cesarean delivery

In 2017, the cesarean delivery rate increased to 32.0% from 31.9% in 2016 (Figure 4, Table 17) (4). This is the first increase in the cesarean delivery rate since 2009, when it peaked at 32.9% after increasing every year since 1996 (20.7%) (4).

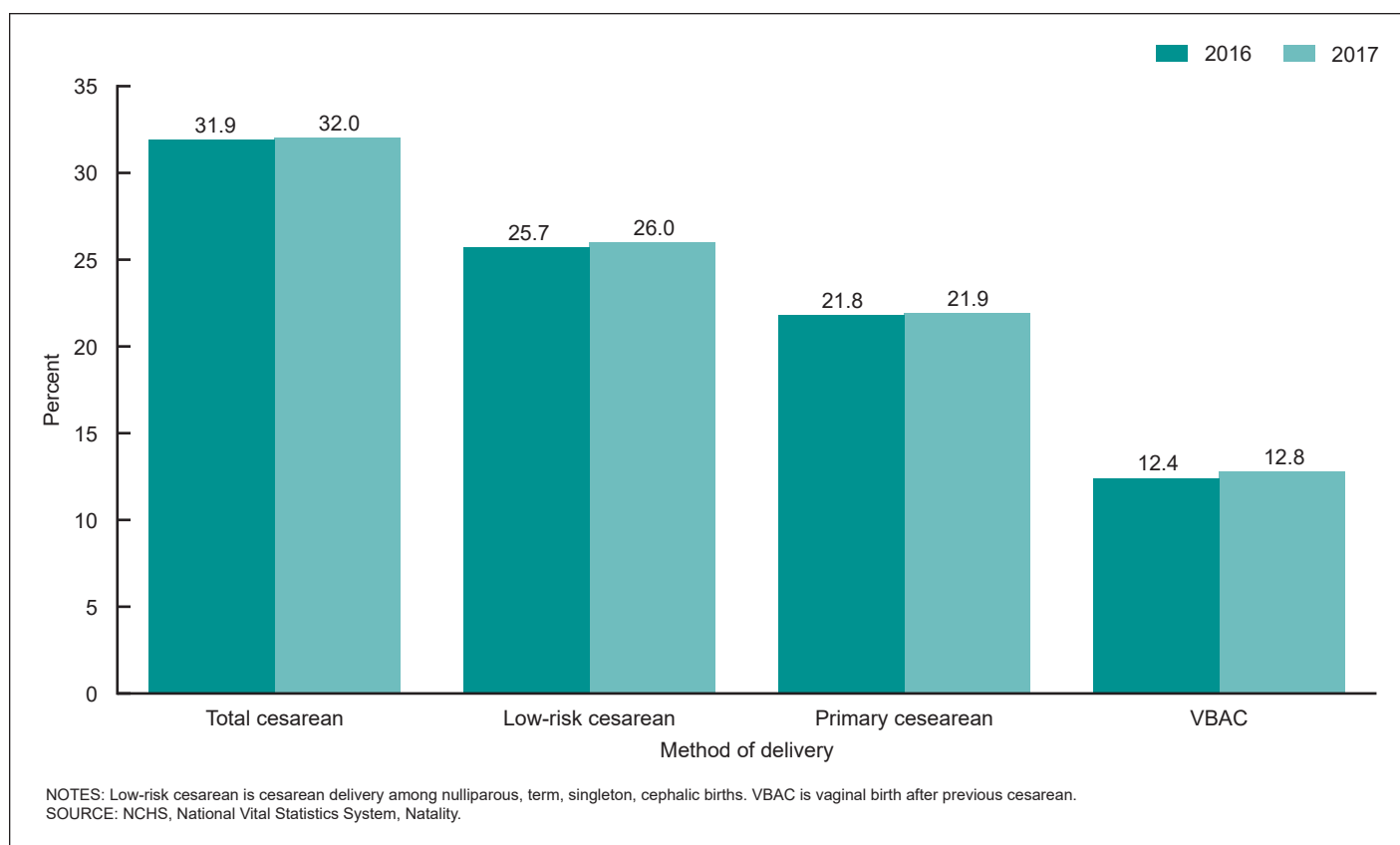
Among the three largest race and Hispanic-origin groups, the cesarean delivery rate increased for Hispanic women from 2016 to 2017 (31.7% to 31.8%); rates for non-Hispanic white (30.9%) and non-Hispanic black (36.0%) women were essentially unchanged (Table 17). Tables 13 and 14 show cesarean delivery rates for more detailed race and Hispanic-origin groups.

By maternal age, cesarean delivery decreased during 2016–2017 for women in their 20s and aged 35–39, but it remained unchanged for other age groups (Table 18). Cesarean delivery continued to remain higher among older women compared with younger mothers; women aged 40 and over (48.2%) were more than twice as likely to deliver by cesarean as women under age 20 (20.1%).

**Low-risk cesarean delivery**—The low-risk cesarean delivery rate also increased in 2017, to 26.0% from 25.7% for 2016. The low-risk cesarean delivery rate is cesarean delivery among nulliparous (first birth), term (37 or more completed weeks based on the obstetric estimate), singleton (one fetus), cephalic (head first) births. See Tables 13, 14, 17, and 18 for details by age and race and Hispanic origin of the mother.

**Primary cesarean delivery**—In 2017, the primary cesarean delivery rate, which measures cesarean deliveries among women who have not had a previous cesarean delivery, was 21.9%, up from 21.8% in 2016 (see Tables 17 and 18).

**Vaginal birth after previous cesarean delivery**—In 2017, 12.8% of women with a previous cesarean delivered vaginally, up 3% from 12.4% in 2016; see Tables 17 and 18 for details. The VBAC rate measures vaginal births among women with a previous cesarean delivery.



**Figure 4. Method of delivery: United States, 2016 and 2017**

## Source of payment for the delivery

The principal source of payment for the delivery of most births in 2017 continued to be either private insurance or Medicaid, however, the percentage of births covered by private insurance declined from 2016 (from 49.4% to 49.1%), and the percentage of births covered by Medicaid increased (from 42.6% to 43.0%). The category “self-pay,” generally considered to indicate uninsured deliveries, accounted for 4.1% of 2017 births (unchanged from 2016). The remainder of births was covered by other insurance (3.8%, down from 3.9% in 2016); other insurance includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity (Table 19) (4).

Medicaid coverage for the delivery increased for each of the three largest race and Hispanic-origin groups during 2016–2017 (Table 19) (4). In 2017, the percentages of mothers with Medicaid-covered births ranged from 30.5% for non-Hispanic white women to 65.9% for non-Hispanic black women. The percentage of births covered by private insurance declined from 2016 to 2017 for non-Hispanic white women (63.3% to 63.1%), increased for Hispanic women (28.4% to 28.5%), and remained unchanged for non-Hispanic black women (27.7% in 2017). See Tables 13 and 14 for information for additional race and Hispanic-origin groups.

By age of mother, private insurance as the source of payment for the delivery decreased in 2017 for all age groups except women aged 20–24. Private insurance percentages were

highest for women aged 35–39 (64.5%) and lowest for women under age 20 (15.2%) (Table 19). Changes in Medicaid coverage from 2016 to 2017 overall, and by maternal age, are presented in a recent report (2).

## Infant Health Characteristics (Tables 20–25)

### Period of gestation

The U.S. preterm birth rate rose to 9.93% in 2017, a 1% rise from 2016 (9.85%), and the third straight year of increases in this rate (9.57% in 2014). The preterm birth rate (percentage of all births delivered at less than 37 completed weeks of gestation) had declined steadily from 2007 (10.44%) (11) to 2014; see Table 20. (National data based on the obstetric estimate of gestation are available only from 2007 (15); see Technical Notes.)

Most of the increase in the total preterm birth rate for 2016–2017 was among infants born late preterm (34–36 weeks), up from 7.09% to 7.17%. The early preterm birth rate (less than 34 weeks) was 2.76% in 2017, unchanged since 2015, but down from 2.93% in 2007 (11).

Changes in the distribution of births delivered at term and later (37 weeks and higher) were also observed from 2016 to 2017. The percentage of infants born early term (37–38 weeks) rose by 2% in 2017, from 25.47% to 26.00%, and the full term (39–40 weeks) birth rate declined, from 57.94%

to 57.49%. From 2007 to 2014, in contrast, the early-term birth rate had generally been on the decline, and the full-term rate had been on the rise (11). Declines were also seen from 2016 to 2017 in late (41 weeks) and post-term (42 and higher) births (Table 20). Similar trends in births at term and later also were seen for 2015–2016; see Figure 5.

Preterm birth rates among non-Hispanic white mothers were essentially unchanged between 2016 and 2017 (9.05% in 2017), but rose among non-Hispanic black (from 13.77% to 13.93%) and Hispanic (9.45% to 9.62%) mothers (Table 20). For 2017, preterm birth rates for the race and Hispanic-origin groups ranged from a high of 13.93% among non-Hispanic black mothers to a low of 8.53% among non-Hispanic Asian mothers (Table 13). Preterm levels for the Hispanic subgroups ranged from 9.05% (Cuban) to 11.20% (Puerto Rican) (Table 14).

It can also be important to analyze births in singleton deliveries separately from all births because of the shorter average gestations of multiple births and their attendant potential influence on preterm birth rates (also see “Multiple births” in this report). The 2017 preterm birth rate for singleton births only was 8.13%, a 1% increase over the 2016 level of 8.02%, and a 4% increase from 2015 (7.82%). From 2007 through 2014, the singleton preterm rate had declined from 8.59% to 7.74% (see Table for 2017 data) (11).

Increases in preterm birth rates were observed in 8 states between 2016 and 2017: Arkansas, Kansas, Maryland, Missouri, Montana, Oklahoma, Oregon, and Texas. Nonsignificant increases were reported for 26 states; rates declined in 2 states

(New Jersey and Rhode Island) for this period. See Table I–19 for 2017 data.

## Birthweight

The percentage of infants born low birthweight (LBW) rose for the third year in a row, to 8.28% in 2017 from 8.17% in 2016. The LBW rate (the percentage of infants born at less than 2,500 grams or 5 pounds 8 ounces) has risen 4% since the most recent low in 2014 (8.00%), and is the highest rate reported since the 2006 peak (8.26%) (11) (Tables 22 and 23). From 1990 to 2006, LBW levels rose nearly 20%, but then declined from 2007 to 2012 (7.99%) (11).

The percentage of infants born very low birthweight (VLBW, less than 1,500 grams) was essentially unchanged at 1.41% in 2017 compared with 1.40% in 2016. The VLBW rate has been essentially stable at 1.40%–1.41% since 2013, but is down from a high of 1.49% for 2005–2007 (11). The percentage of moderately low birthweight infants (1,500–2,499 grams) increased from 6.77% in 2016 to 6.87% in 2017, surpassing the peak reported for 2006 (6.77%) (Table 22).

Between 2016 and 2017, LBW rates were essentially stable among non-Hispanic white women (6.97% to 7.00%), but rates rose 2% for births to non-Hispanic black (13.68% to 13.89%) and Hispanic (7.32% to 7.43%) women. See Tables 13, 14, I–21, and I–22 for 2017 VLBW and LBW rates by race and Hispanic origin and by state.

The LBW rate among singleton births only rose from 6.44%

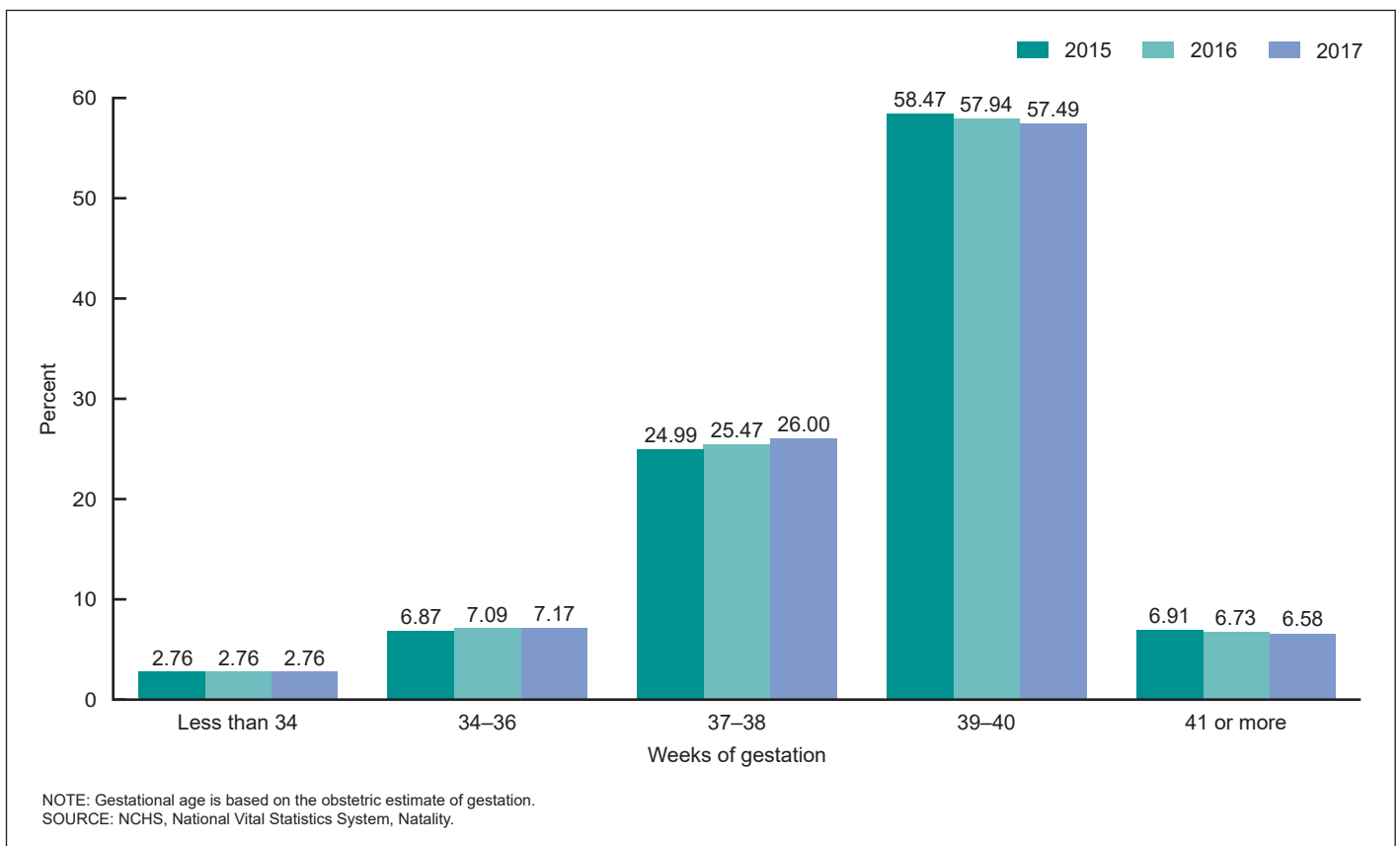


Figure 5. Distribution of births, by gestational age: United States, 2015–2017



**Table. Gestational age and birthweight characteristics, by plurality: United States, 2017**

Plurality	Number	Early preterm <sup>1</sup>	Preterm <sup>2</sup>	Percent	
				Very low birthweight <sup>3</sup>	Low birthweight <sup>4</sup>
All births	3,855,500	2.76	9.93	1.41	8.28
Singleton	3,723,273	2.12	8.13	1.09	6.56
Twin	128,310	19.51	59.43	9.45	55.39
Triplet	3,675	67.51	98.83	36.67	96.01
Quadruplet	193	91.71	100.00	67.91	98.40
Quintuplet and higher-order multiples	49	100.00	100.00	93.88	100.00

<sup>1</sup>Less than 34 completed weeks of gestation.<sup>2</sup>Less than 37 completed weeks of gestation.<sup>3</sup>Less than 1,500 grams.<sup>4</sup>Less than 2,500 grams.

SOURCE: NCHS, National Vital Statistics System, Natality.

to 6.56% from 2016 to 2017 (4). As with LBW among all births, the increase was predominantly for infants born moderately low birthweight; see the [Table](#) for 2017 data and “Multiple births.” It can be informative to examine births in singleton deliveries separately because multiple births tend to be born smaller than singletons, and changes in multiple-birth incidence can influence overall LBW levels.

## Multiple births

The 2017 twin birth rate was 33.3 twins per 1,000 births, a nonsignificant decline from the 2016 rate of 33.4. The twinning rate (births in twin deliveries per 1,000 total births) rose 76% from 1980 to 2009 (from 18.9 to 33.2 per 1,000), was generally stable from 2009 through 2012, and then rose for 2013 and 2014; the 2014 rate of 33.9 was the highest ever reported (11) ([Tables 24 and 25](#)).

The triplet and higher-order multiple birth rate (triplet/+) was 101.6 per 100,000 births for 2017, not statistically different than 2016 (101.4); the 2016 and 2017 rates are the lowest reported in more than 2 decades (1992). The triplet/+ birth rate (number of triplets, quadruplets, and quintuplets and other higher-order multiples per 100,000 births), rose more than 400% from 1980 to 1998, but it has fallen 47% since the 1998 peak (193.5) ([Tables 24 and 25](#)) (11).

There were 128,310 infants born in twin deliveries in 2017 ([Table 25](#)). The number of triplet/+ births in 2017, 3,917, was the lowest number reported in 25 years (1992) and about one-half of the highest number reported (7,663 triplet/+ births in 2003) (11). In 2017, triplet/+ births included 3,675 triplets, 193 quadruplets, and 49 quintuplets and higher-order multiple births. See the [Table](#) for the number of births and percentages of preterm and LBW births by specified plurality.

Twin birth rates increased among non-Hispanic black women (from 39.9 to 41.0 per 1,000), but rates were largely stable among non-Hispanic white (35.7 to 35.5) and Hispanic (24.6 to 24.5) women. Triplet/+ birth rates rose among both non-Hispanic black (112.4 to 119.7 per 100,000) and Hispanic (58.6 to 68.3) women, but declined for non-Hispanic white women (121.7 to 116.6) ([Table 24](#); also see [Tables 13 and 14](#) for 2017 twin and triplet/+ rates for additional race and Hispanic

origin-groups). For state-specific twin and triplet/+ rates, see [Table I-23](#).

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**Table 1. Births and birth rates: United States, 2010–2017, and by race and Hispanic origin, 2016–2017**

[Birth rates are births per 1,000 population in specified group. Fertility rates are births per 1,000 women aged 15–44 in specified group. Populations based on counts enumerated as of April 1 for census years and estimated as of July 1 for all other years]

Race and Hispanic origin and year	Number	Birth rate	Fertility rate
All races and origins <sup>1</sup>			
2017.....	3,855,500	11.8	60.3
2016.....	3,945,875	12.2	62.0
2015.....	3,978,497	12.4	62.5
2014.....	3,988,076	12.5	62.9
2013.....	3,932,181	12.4	62.5
2012.....	3,952,841	12.6	63.0
2011.....	3,953,590	12.7	63.2
2010.....	3,999,386	13.0	64.1
Non-Hispanic, single race <sup>2</sup>			
White:			
2017.....	1,992,461	10.2	57.2
2016.....	2,056,332	10.5	58.8
Black:			
2017.....	560,715	13.9	63.1
2016.....	558,622	14.0	63.3
American Indian or Alaska Native:			
2017.....	29,957	12.6	59.5
2016.....	31,452	13.3	62.7
Asian:			
2017.....	249,250	13.8	58.0
2016.....	254,471	14.6	61.1
Native Hawaiian or Other Pacific Islander:			
2017.....	9,426	16.7	72.8
2016.....	9,342	16.8	72.9
Hispanic <sup>3</sup>			
2017.....	898,764	15.2	67.6
2016.....	918,447	16.0	70.6

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 2. Birth rates, by age of mother: United States, 2010–2017, and by age and race and Hispanic origin of mother: United States, 2016–2017**

[Total fertility rates are sums of birth rates for 5-year age groups multiplied by 5. Birth rates are births per 1,000 women in specified group. Populations based on counts enumerated as of April 1 for census years and estimated as of July 1 for all other years]

Year and race and Hispanic origin	Total fertility rate	Age of mother (years)									
		10–14	15–19			20–24	25–29	30–34	35–39	40–44	45–49 <sup>1</sup>
			Total	15–17	18–19						
<b>All races and origins<sup>2</sup></b>											
2017.....	1,765.5	0.2	18.8	7.9	35.1	71.0	98.0	100.3	52.3	11.6	0.9
2016.....	1,820.5	0.2	20.3	8.8	37.5	73.8	102.1	102.7	52.7	11.4	0.9
2015.....	1,843.5	0.2	22.3	9.9	40.7	76.8	104.3	101.5	51.8	11.0	0.8
2014.....	1,862.5	0.3	24.2	10.9	43.8	79.0	105.8	100.8	51.0	10.6	0.8
2013.....	1,857.5	0.3	26.5	12.3	47.1	80.7	105.5	98.0	49.3	10.4	0.8
2012.....	1,880.5	0.4	29.4	14.1	51.4	83.1	106.5	97.3	48.3	10.4	0.7
2011.....	1,894.5	0.4	31.3	15.4	54.1	85.3	107.2	96.5	47.2	10.3	0.7
2010.....	1,931.0	0.4	34.2	17.3	58.2	90.0	108.3	96.5	45.9	10.2	0.7
<b>Non-Hispanic, single race<sup>3</sup></b>											
<b>White:</b>											
2017.....	1,666.5	0.1	13.2	4.6	26.0	59.8	95.3	103.7	50.6	9.9	0.7
2016.....	1,719.0	0.1	14.3	5.2	27.7	62.4	99.3	106.2	51.1	9.7	0.7
<b>Black:</b>											
2017.....	1,824.5	0.4	27.5	12.5	49.8	94.2	99.5	84.5	46.1	11.7	1.0
2016.....	1,832.5	0.5	29.3	13.7	52.5	95.8	100.8	83.0	45.0	11.1	1.0
<b>American Indian or Alaska Native:</b>											
2017.....	1,702.0	0.5	32.9	15.7	58.1	93.6	96.4	72.1	36.3	8.2	0.4
2016.....	1,794.5	0.5	35.1	16.8	62.6	97.2	103.4	77.1	37.1	8.2	0.3
<b>Asian:</b>											
2017.....	1,597.0	*	3.3	1.1	6.5	26.6	79.6	120.1	71.5	16.5	1.8
2016.....	1,690.5	*	3.9	1.4	7.5	28.9	87.0	127.4	72.8	16.4	1.7
<b>Native Hawaiian or Other Pacific Islander:</b>											
2017.....	2,085.5	*	25.5	8.7	50.6	113.3	115.7	94.0	54.6	13.1	*
2016.....	2,076.5	*	28.6	11.0	55.3	109.5	115.5	96.0	49.9	14.7	*
<b>Hispanic<sup>4</sup></b>											
2017.....	2,006.5	0.3	28.9	13.6	52.7	93.8	111.8	96.4	54.6	14.5	1.0
2016.....	2,092.5	0.4	31.9	15.6	57.3	98.4	117.4	99.2	55.8	14.5	0.9

\* Figure does not meet standards of reliability or precision; based on fewer than 20 births in numerator.

<sup>1</sup>Birth rates computed by relating births to women aged 45 and over to women aged 45–49; see Technical Notes in report.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 3. Births, by age (years) of mother, live-birth order, and race and Hispanic origin of mother: United States, 2017**

[Live-birth order refers to number of children born alive to mother]

Live-birth order and race and Hispanic origin of mother	All ages	Under 15	15-19						20-24	25-29	30-34	35-39	40-44	45-49	50-54
			Total	15	16	17	18	19							
<b>All races and origins<sup>1</sup></b>	<b>3,855,500</b>	<b>1,917</b>	<b>194,377</b>	<b>5,592</b>	<b>14,369</b>	<b>28,586</b>	<b>54,213</b>	<b>91,617</b>	<b>764,780</b>	<b>1,123,577</b>	<b>1,091,917</b>	<b>554,796</b>	<b>114,813</b>	<b>8,483</b>	<b>840</b>
1st child	1,458,290	1,892	162,356	5,439	13,613	25,818	45,842	71,644	395,927	417,162	329,623	124,637	24,049	2,377	267
2nd child	1,233,442	22	27,569	132	692	2,534	7,358	16,853	247,744	371,313	372,754	180,367	31,394	2,081	198
3rd child	661,264	1	3,559	6	26	167	815	2,545	88,507	205,967	215,751	122,336	23,628	1,382	133
4th child	287,207	—	366	—	2	13	65	286	23,622	83,247	99,818	64,040	15,063	954	97
5th child	113,717	—	62	—	1	2	17	42	5,473	28,696	40,327	30,040	8,460	586	73
6th child	47,486	—	18	—	—	—	3	15	1,154	9,457	17,233	14,684	4,540	376	24
7th child	21,506	—	11	—	—	—	6	5	278	3,134	7,675	7,633	2,543	212	20
8th child and over	23,106	—	11	—	—	1	2	8	227	1,834	6,179	9,587	4,770	480	18
Not stated	9,482	2	425	15	35	51	105	219	1,848	2,767	2,557	1,472	366	35	10
<b>Non-Hispanic, single race<sup>2</sup></b>															
<b>White</b>	<b>1,992,461</b>	<b>399</b>	<b>71,854</b>	<b>1,397</b>	<b>4,007</b>	<b>9,297</b>	<b>20,155</b>	<b>36,998</b>	<b>342,954</b>	<b>594,375</b>	<b>627,425</b>	<b>297,050</b>	<b>54,062</b>	<b>3,960</b>	<b>382</b>
1st child	785,024	392	61,099	1,367	3,852	8,587	17,447	29,846	185,719	244,659	204,924	73,623	13,235	1,244	129
2nd child	665,163	6	9,392	24	142	648	2,413	6,165	110,770	199,627	225,450	102,848	15,921	1,051	98
3rd child	325,366	—	1,061	2	4	42	228	785	35,659	97,597	116,662	63,462	10,294	578	53
4th child	126,532	—	98	—	—	5	16	77	8,015	35,570	47,722	28,986	5,736	360	45
5th child	45,901	—	22	—	1	—	6	15	1,495	10,861	17,762	12,498	3,048	189	26
6th child	19,243	—	6	—	—	—	1	5	271	3,205	7,617	6,243	1,745	145	11
7th child	9,048	—	5	—	—	—	2	3	81	937	3,352	3,488	1,089	88	8
8th child and over	11,470	—	4	—	—	—	1	3	98	550	2,569	5,132	2,823	287	7
Not stated	4,714	1	167	4	8	15	41	99	846	1,369	1,367	770	171	18	5
<b>Black</b>	<b>560,715</b>	<b>613</b>	<b>40,016</b>	<b>1,421</b>	<b>3,308</b>	<b>6,058</b>	<b>10,850</b>	<b>18,379</b>	<b>148,091</b>	<b>167,778</b>	<b>122,564</b>	<b>65,129</b>	<b>15,167</b>	<b>1,220</b>	<b>137</b>
1st child	196,566	603	33,035	1,373	3,098	5,397	9,080	14,087	73,205	47,880	27,036	11,753	2,681	322	51
2nd child	160,959	8	5,876	41	191	600	1,528	3,516	45,777	52,744	35,682	17,049	3,535	256	32
3rd child	103,497	1	850	2	8	45	179	616	19,507	36,345	28,093	15,167	3,292	220	22
4th child	52,457	—	116	—	2	5	24	85	6,698	17,786	15,897	9,532	2,281	136	11
5th child	24,133	—	21	—	—	1	7	13	1,873	7,834	7,915	5,074	1,307	98	11
6th child	10,736	—	3	—	—	—	1	2	471	2,944	3,809	2,719	722	65	3
7th child	5,270	—	3	—	—	—	2	1	101	1,138	1,953	1,582	457	34	2
8th child and over	5,556	—	—	—	—	—	—	—	61	688	1,827	2,064	829	82	5
Not stated	1,541	1	112	5	9	10	29	59	398	419	352	189	63	7	—
<b>American Indian or Alaska Native</b>	<b>29,957</b>	<b>38</b>	<b>2,878</b>	<b>108</b>	<b>245</b>	<b>462</b>	<b>797</b>	<b>1,266</b>	<b>8,565</b>	<b>9,171</b>	<b>5,948</b>	<b>2,754</b>	<b>575</b>	<b>27</b>	<b>1</b>
1st child	9,053	38	2,299	100	231	407	638	923	3,639	1,904	800	307	59	7	—
2nd child	7,859	—	490	6	14	50	133	287	2,934	2,598	1,305	448	82	2	—
3rd child	5,705	—	79	—	—	4	24	51	1,361	2,247	1,357	549	109	3	—
4th child	3,562	—	4	—	—	—	1	3	479	1,369	1,092	529	86	3	—
5th child	1,842	—	—	—	—	—	—	—	108	611	653	377	89	3	1
6th child	937	—	—	—	—	—	—	—	16	268	358	240	53	2	—
7th child	462	—	—	—	—	—	—	—	8	91	190	136	35	2	—
8th child and over	465	—	—	—	—	—	—	—	7	61	168	164	60	5	—
Not stated	72	—	6	2	—	1	1	2	13	22	25	4	2	—	—

See footnotes at end of table.

**Table 3. Births, by age (years) of mother, live-birth order, and race and Hispanic origin of mother: United States, 2017—Con.**

[Live-birth order refers to number of children born alive to mother]

Live-birth order and race and Hispanic origin of mother	All ages	Under 15	15–19							20–24	25–29	30–34	35–39	40–44	45–49	50–54
			Total	15	16	17	18	19								
<b>Non-Hispanic, single race<sup>2</sup>—Con.</b>																
Asian.....	249,250	13	1,723	38	86	213	437	949	16,633	63,004	97,984	56,402	12,303	1,081	107	
1st child.....	113,447	13	1,452	37	82	190	378	765	10,910	37,591	43,217	16,521	3,346	359	38	
2nd child.....	93,411	—	230	1	3	22	49	155	4,312	18,303	39,956	25,509	4,727	344	30	
3rd child.....	29,035	—	33	—	—	1	8	24	1,086	4,934	10,375	9,861	2,544	181	21	
4th child.....	8,533	—	6	—	—	—	1	5	245	1,442	2,903	2,852	978	100	7	
5th child.....	2,690	—	—	—	—	—	—	—	54	430	863	934	357	49	3	
6th child.....	1,000	—	—	—	—	—	—	—	6	150	301	351	162	28	2	
7th child.....	426	—	—	—	—	—	—	—	4	46	140	137	84	12	3	
8th child and over.....	395	—	—	—	—	—	—	—	2	28	108	158	90	8	1	
Not stated.....	313	—	2	—	1	—	1	—	14	80	121	79	15	—	2	
Native Hawaiian or Other Pacific Islander.....	9,426	2	491	8	22	72	128	261	2,405	2,838	2,254	1,181	242	11	2	
1st child.....	2,752	2	402	8	20	61	104	209	1,130	659	386	150	21	2	—	
2nd child.....	2,281	—	66	—	2	8	19	37	760	729	473	211	40	1	1	
3rd child.....	1,745	—	16	—	—	2	4	10	342	657	474	219	36	1	—	
4th child.....	1,176	—	1	—	—	1	—	—	115	429	383	195	51	2	—	
5th child.....	685	—	—	—	—	—	—	—	39	222	236	158	29	1	—	
6th child.....	371	—	1	—	—	—	—	1	2	95	155	95	22	—	1	
7th child.....	179	—	—	—	—	—	—	—	3	24	73	60	17	2	—	
8th child and over.....	191	—	—	—	—	—	—	—	1	11	65	86	26	2	—	
Not stated.....	46	—	5	—	—	—	1	4	13	12	9	7	—	—	—	
<b>Hispanic<sup>3</sup></b>																
Total Hispanic <sup>3</sup> .....	898,764	774	69,354	2,366	6,055	11,323	19,595	30,015	219,206	255,130	207,352	116,353	28,835	1,670	90	
1st child.....	304,319	767	57,262	2,304	5,724	10,118	16,276	22,840	107,141	73,183	43,781	18,024	3,801	331	29	
2nd child.....	269,719	7	10,453	57	307	1,118	2,931	6,040	74,803	87,527	61,121	29,356	6,121	315	16	
3rd child.....	177,755	—	1,386	2	14	67	339	964	27,531	58,293	53,602	29,959	6,681	288	15	
4th child.....	86,924	—	136	—	—	2	23	111	7,239	24,205	29,261	20,305	5,486	281	11	
5th child.....	34,961	—	15	—	—	1	3	11	1,683	7,759	11,745	10,190	3,361	197	11	
6th child.....	13,696	—	6	—	—	—	—	6	348	2,481	4,475	4,576	1,691	115	4	
7th child.....	5,422	—	3	—	—	—	2	1	73	793	1,704	1,994	790	62	3	
8th child and over.....	4,345	—	6	—	—	1	1	4	53	445	1,231	1,707	826	77	—	
Not stated.....	1,623	—	87	3	10	16	20	38	335	444	432	242	78	4	1	

— Quantity zero.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 4. Births, by age (years) of mother, live-birth order, and Hispanic origin of mother: United States, 2017**

[Live-birth order refers to number of children born alive to mother. Includes births with stated origin of mother only]

Live-birth order and origin of mother	All ages	Under 15	15–19												
			Total	15	16	17	18	19	20–24	25–29	30–34	35–39	40–44	45–49	50–54
<b>Hispanic</b>															
Total .....	898,764	774	69,354	2,366	6,055	11,323	19,595	30,015	219,206	255,130	207,352	116,353	28,835	1,670	90
1st child .....	304,319	767	57,262	2,304	5,724	10,118	16,276	22,840	107,141	73,183	43,781	18,024	3,801	331	29
2nd child .....	269,719	7	10,453	57	307	1,118	2,931	6,040	74,803	87,527	61,121	29,356	6,121	315	16
3rd child .....	177,755	–	1,386	2	14	67	339	964	27,531	58,293	53,602	29,959	6,681	288	15
4th child .....	86,924	–	136	–	–	2	23	111	7,239	24,205	29,261	20,305	5,486	281	11
5th child .....	34,961	–	15	–	–	1	3	11	1,683	7,759	11,745	10,190	3,361	197	11
6th child .....	13,696	–	6	–	–	–	–	6	348	2,481	4,475	4,576	1,691	115	4
7th child .....	5,422	–	3	–	–	–	2	1	73	793	1,704	1,994	790	62	3
8th child and over.....	4,345	–	6	–	–	1	1	4	53	445	1,231	1,707	826	77	–
Not stated .....	1,623	–	87	3	10	16	20	38	335	444	432	242	78	4	1
<b>Mexican</b> .....	512,126	455	41,643	1,411	3,665	6,880	11,835	17,852	129,890	145,561	114,507	63,162	16,002	888	18
1st child .....	163,053	450	34,268	1,376	3,461	6,135	9,818	13,478	61,374	37,664	19,894	7,631	1,640	128	4
2nd child .....	146,589	5	6,384	34	194	686	1,780	3,690	45,107	48,677	30,396	13,183	2,714	120	3
3rd child .....	107,273	–	851	1	7	47	209	587	17,310	36,041	32,281	16,999	3,647	142	2
4th child .....	56,192	–	81	–	–	2	15	64	4,572	15,561	19,223	13,082	3,484	185	4
5th child .....	22,991	–	11	–	–	1	3	7	1,083	5,046	7,748	6,692	2,275	132	4
6th child .....	9,052	–	5	–	–	–	–	5	217	1,602	2,928	3,067	1,153	79	1
7th child .....	3,508	–	1	–	–	–	1	–	45	523	1,081	1,296	513	49	–
8th child and over.....	2,793	–	2	–	–	–	–	2	29	279	780	1,109	542	52	–
Not stated .....	675	–	40	–	3	9	9	19	153	168	176	103	34	1	–
<b>Puerto Rican</b> .....	70,813	51	5,808	163	413	845	1,629	2,758	19,957	21,037	14,632	7,578	1,662	82	6
1st child .....	26,491	51	4,869	157	392	771	1,381	2,168	9,998	6,227	3,543	1,498	283	19	3
2nd child .....	22,093	–	806	5	17	70	218	496	6,605	7,350	4,606	2,264	438	24	–
3rd child .....	12,507	–	102	–	1	2	26	73	2,451	4,480	3,363	1,736	358	17	–
4th child .....	5,597	–	11	–	–	–	–	11	664	1,905	1,745	1,019	247	5	1
5th child .....	2,264	–	–	–	–	–	–	–	152	653	733	544	173	8	1
6th child .....	917	–	–	–	–	–	–	–	34	244	332	244	59	3	1
7th child .....	413	–	1	–	–	–	–	1	5	87	151	126	42	1	–
8th child and over.....	357	–	–	–	–	–	–	–	5	46	121	126	54	5	–
Not stated .....	174	–	19	1	3	2	4	9	43	45	38	21	8	–	–

See footnotes at end of table.



**Table 4. Births, by age (years) of mother, live-birth order, and Hispanic origin of mother: United States, 2017—Con.**

[Live-birth order refers to number of children born alive to mother. Includes births with stated origin of mother only]

Live-birth order and origin of mother	All	Under 15	15–19						20–24	25–29	30–34	35–39	40–44	45–49	50–54
			Total	15	16	17	18	19							
Hispanic—Con.															
Cuban .....	23,362	3	822	11	51	93	231	436	4,117	7,579	6,995	3,053	733	56	4
1st child .....	11,100	3	731	10	50	88	211	372	2,797	3,768	2,732	853	188	25	3
2nd child .....	8,149	–	86	1	1	4	20	60	1,020	2,657	2,790	1,295	284	17	–
3rd child .....	2,847	–	4	–	–	1	–	3	231	835	1,020	582	167	8	–
4th child .....	771	–	–	–	–	–	–	–	40	226	267	183	51	3	1
5th child .....	254	–	–	–	–	–	–	–	11	44	111	71	16	1	–
6th child .....	90	–	–	–	–	–	–	–	3	20	30	26	10	1	–
7th child .....	34	–	–	–	–	–	–	–	3	3	12	13	3	–	–
8th child and over.....	47	–	–	–	–	–	–	–	2	4	14	19	7	1	–
Not stated .....	70	–	1	–	–	–	–	1	10	22	19	11	7	–	–
Central and South American.....	145,614	123	8,560	319	802	1,444	2,427	3,568	27,124	38,175	39,338	25,318	6,531	405	40
1st child .....	49,136	123	7,052	313	761	1,279	1,987	2,712	13,734	12,299	9,915	4,808	1,089	101	15
2nd child .....	47,416	–	1,297	4	34	154	391	714	9,430	14,176	13,099	7,668	1,639	99	8
3rd child .....	28,341	–	176	1	4	9	40	122	3,035	7,766	9,376	6,361	1,551	71	5
4th child .....	12,349	–	13	–	–	–	2	11	701	2,721	4,297	3,508	1,046	59	4
5th child .....	4,911	–	2	–	–	–	–	2	120	804	1,639	1,721	583	37	5
6th child .....	1,823	–	–	–	–	–	–	–	15	211	595	676	306	19	1
7th child .....	713	–	1	–	–	–	1	–	4	46	194	302	159	6	1
8th child and over.....	497	–	2	–	–	–	1	1	8	32	100	210	134	11	–
Not stated .....	428	–	17	1	3	2	5	6	77	120	123	64	24	2	1
Other and unknown Hispanic .....	146,849	142	12,521	462	1,124	2,061	3,473	5,401	38,118	42,778	31,880	17,242	3,907	239	22
1st child .....	54,539	140	10,342	448	1,060	1,845	2,879	4,110	19,238	13,225	7,697	3,234	601	58	4
2nd child .....	45,472	2	1,880	13	61	204	522	1,080	12,641	14,667	10,230	4,946	1,046	55	5
3rd child .....	26,787	–	253	–	2	8	64	179	4,504	9,171	7,562	4,281	958	50	8
4th child .....	12,015	–	31	–	–	–	6	25	1,262	3,792	3,729	2,513	658	29	1
5th child .....	4,541	–	2	–	–	–	–	2	317	1,212	1,514	1,162	314	19	1
6th child .....	1,814	–	1	–	–	–	–	1	79	404	590	563	163	13	1
7th child .....	754	–	–	–	–	–	–	–	16	134	266	257	73	6	2
8th child and over.....	651	–	2	–	–	1	–	1	9	84	216	243	89	8	–
Not stated .....	276	–	10	1	1	3	2	3	52	89	76	43	5	1	–

– Quantity zero.

NOTE: In this table, Hispanic women are classified only by place of origin; non-Hispanic women are not shown; see Technical Notes in report.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 5. Birth rates, by age of mother, live-birth order, and race and Hispanic origin of mother: United States, 2017**

[Rates are births per 1,000 women in specified age and race and Hispanic-origin group. Fertility rate computed by relating total births, regardless of age of mother, to women aged 15–44. Populations estimated as of July 1. Live-birth order refers to number of children born alive to mother. Figures for live-birth order not stated are distributed]

Live-birth order and race of mother	Fertility rate	Age of mother (years)									
		10–14	15–19			20–24	25–29	30–34	35–39	40–44	45–49 <sup>1</sup>
			Total	15–17	18–19						
All races and origins <sup>2</sup>	60.3	0.2	18.8	7.9	35.1	71.0	98.0	100.3	52.3	11.6	0.9
1st child	22.9	0.2	15.7	7.3	28.4	36.9	36.5	30.4	11.8	2.4	0.3
2nd child	19.3	0.0	2.7	0.5	5.8	23.1	32.5	34.3	17.0	3.2	0.2
3rd child	10.4	*	0.3	0.0	0.8	8.2	18.0	19.9	11.6	2.4	0.1
4th child	4.5	*	0.0	*	0.1	2.2	7.3	9.2	6.0	1.5	0.1
5th child	1.8	*	0.0	*	0.0	0.5	2.5	3.7	2.8	0.9	0.1
6th and 7th child	1.1	*	0.0	*	0.0	0.1	1.1	2.3	2.1	0.7	0.1
8th child and over	0.4	*	*	*	*	0.0	0.2	0.6	0.9	0.5	0.0
Non-Hispanic, single race <sup>3</sup>											
White	57.2	0.1	13.2	4.6	26.0	59.8	95.3	103.7	50.6	9.9	0.7
1st child	22.6	0.1	11.3	4.3	21.6	32.5	39.3	34.0	12.6	2.4	0.2
2nd child	19.1	*	1.7	0.3	3.9	19.4	32.1	37.3	17.5	2.9	0.2
3rd child	9.4	*	0.2	0.0	0.5	6.2	15.7	19.3	10.8	1.9	0.1
4th child	3.6	*	0.0	*	0.0	1.4	5.7	7.9	4.9	1.1	0.1
5th child	1.3	*	0.0	*	0.0	0.3	1.8	2.9	2.1	0.6	0.0
6th and 7th child	0.8	*	*	*	*	0.1	0.7	1.8	1.7	0.5	0.0
8th child and over	0.3	*	*	*	*	0.0	0.1	0.4	0.9	0.5	0.0
Black	63.1	0.4	27.5	12.5	49.8	94.2	99.5	84.5	46.1	11.7	1.0
1st child	22.2	0.4	22.8	11.4	39.6	46.7	28.5	18.8	8.4	2.1	0.3
2nd child	18.2	*	4.1	1.0	8.6	29.2	31.3	24.7	12.1	2.7	0.2
3rd child	11.7	*	0.6	0.1	1.4	12.4	21.6	19.4	10.8	2.5	0.2
4th child	5.9	*	0.1	*	0.2	4.3	10.6	11.0	6.8	1.8	0.1
5th child	2.7	*	0.0	*	0.0	1.2	4.7	5.5	3.6	1.0	0.1
6th and 7th child	1.8	*	*	*	*	0.4	2.4	4.0	3.1	0.9	0.1
8th child and over	0.6	*	*	*	*	0.0	0.4	1.3	1.5	0.6	0.1
American Indian or Alaska Native	59.5	0.5	32.9	15.7	58.1	93.6	96.4	72.1	36.3	8.2	0.4
1st child	18.0	0.4	26.3	14.3	44.0	39.9	20.1	9.8	4.1	0.8	*
2nd child	15.7	*	5.6	1.3	11.8	32.1	27.4	15.9	5.9	1.2	*
3rd child	11.3	*	0.9	*	2.1	14.9	23.6	16.5	7.3	1.5	*
4th child	7.1	*	*	*	*	5.2	14.4	13.2	7.0	1.2	*
5th child	3.7	*	*	*	*	1.2	6.4	7.9	4.9	1.3	*
6th and 7th child	2.8	*	*	*	*	0.3	3.8	6.7	4.9	1.2	*
8th child and over	0.9	*	*	*	*	*	0.6	2.1	2.1	0.8	*
Asian	58.0	*	3.3	1.1	6.5	26.6	79.6	120.1	71.5	16.5	1.8
1st child	26.4	*	2.8	1.0	5.4	17.5	47.5	53.1	21.0	4.5	0.6
2nd child	21.7	*	0.4	0.1	1.0	6.9	23.1	48.9	32.3	6.3	0.5
3rd child	6.8	*	0.1	*	0.1	1.8	6.3	12.8	12.5	3.4	0.3
4th child	2.0	*	*	*	*	0.4	1.8	3.6	3.6	1.3	0.2
5th child	0.6	*	*	*	*	0.1	0.6	1.1	1.2	0.5	0.1
6th and 7th child	0.3	*	*	*	*	*	0.2	0.6	0.6	0.3	0.1
8th child and over	0.1	*	*	*	*	*	0.0	0.1	0.2	0.1	*

See footnotes at end of table.

**Table 5. Birth rates, by age of mother, live-birth order, and race and Hispanic origin of mother: United States, 2017—Con.**

[Rates are births per 1,000 women in specified age and race and Hispanic-origin group. Fertility rate computed by relating total births, regardless of age of mother, to women aged 15–44. Populations estimated as of July 1. Live-birth order refers to number of children born alive to mother. Figures for live-birth order not stated are distributed]

Live-birth order and race of mother	Fertility rate	Age of mother (years)									
		10–14	15–19			20–24	25–29	30–34	35–39	40–44	45–49 <sup>1</sup>
			Total	15–17	18–19						
<b>Non-Hispanic, single race<sup>3</sup>—Con.</b>											
Native Hawaiian or Other Pacific Islander . . . . .	72.8	*	25.5	8.7	50.6	113.3	115.7	94.0	54.6	13.1	*
1st child . . . . .	21.5	*	21.1	7.6	41.3	53.8	27.1	16.4	7.1	1.2	*
2nd child . . . . .	17.7	*	3.5	*	7.4	35.9	29.9	19.9	9.8	2.2	*
3rd child . . . . .	13.5	*	*	*	*	16.1	26.9	19.7	10.2	1.9	*
4th child . . . . .	9.1	*	*	*	*	5.5	17.4	16.1	9.0	2.7	*
5th child . . . . .	5.3	*	*	*	*	1.8	9.0	9.9	7.3	1.5	*
6th and 7th child . . . . .	4.2	*	*	*	*	*	4.8	9.5	7.1	2.1	*
8th child and over . . . . .	1.5	*	*	*	*	*	*	2.8	4.1	1.4	*
<b>Hispanic<sup>4</sup></b>											
Total . . . . .	67.6	0.3	28.9	13.6	52.7	93.8	111.8	96.4	54.6	14.5	1.0
1st child . . . . .	22.9	0.3	23.9	12.5	41.6	45.9	32.1	20.4	8.5	1.9	0.2
2nd child . . . . .	20.3	*	4.4	1.0	9.5	32.0	38.4	28.5	13.8	3.1	0.2
3rd child . . . . .	13.4	*	0.6	0.1	1.4	11.8	25.6	25.0	14.1	3.4	0.2
4th child . . . . .	6.6	*	0.1	*	0.1	3.1	10.6	13.6	9.6	2.8	0.2
5th child . . . . .	2.6	*	*	*	*	0.7	3.4	5.5	4.8	1.7	0.1
6th and 7th child . . . . .	1.4	*	*	*	*	0.2	1.4	2.9	3.1	1.2	0.1
8th child and over . . . . .	0.3	*	*	*	*	0.0	0.2	0.6	0.8	0.4	0.0

0.0 Quantity more than zero but less than 0.05.

\* Figure does not meet standards of reliability or precision; based on fewer than 20 births in numerator.

<sup>1</sup>Birth rates computed by relating births to women aged 45 and over to women aged 45–49; see Technical Notes in report.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 6. Births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence]

Area	All races and origins <sup>2</sup>	Non-Hispanic, single race <sup>1</sup>					Hispanic <sup>3</sup>
		White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	
United States <sup>4</sup>	3,855,500	1,992,461	560,715	29,957	249,250	9,426	898,764
Alabama	58,941	34,377	17,963	131	950	44	4,546
Alaska	10,445	5,259	329	1,903	686	308	799
Arizona	81,872	33,694	4,241	4,256	2,987	217	34,377
Arkansas	37,520	24,089	7,082	239	783	470	4,048
California	471,658	127,822	23,441	1,411	72,049	1,809	220,122
Colorado	64,382	37,516	3,110	421	2,611	145	18,125
Connecticut	35,221	18,842	4,301	28	2,475	7	8,833
Delaware	10,855	5,309	2,818	20	646	3	1,748
District of Columbia	9,560	3,042	4,573	9	396	2	1,336
Florida	223,630	96,280	49,428	270	7,015	159	67,049
Georgia	129,243	56,985	44,447	113	6,039	110	17,954
Hawaii	17,517	3,407	406	39	4,653	1,684	2,672
Idaho	22,181	17,151	243	289	366	48	3,598
Illinois	149,390	78,925	25,685	90	9,650	43	31,428
Indiana	82,170	60,515	9,971	70	2,535	54	7,669
Iowa	38,430	30,010	2,657	183	1,321	128	3,527
Kansas	36,519	25,594	2,548	171	1,255	77	5,963
Kentucky	54,752	44,280	5,006	49	1,173	68	3,162
Louisiana	61,018	31,509	22,469	295	1,169	23	4,778
Maine	12,298	10,958	545	85	219	3	229
Maryland	71,641	29,809	22,327	87	5,276	40	12,223
Massachusetts	70,702	40,773	6,953	63	6,067	23	13,609
Michigan	111,426	75,578	20,849	396	4,468	30	7,339
Minnesota	68,595	47,088	8,163	1,042	5,323	56	5,023
Mississippi	37,357	18,620	16,087	213	502	12	1,650
Missouri	73,034	53,800	10,495	167	1,773	183	4,156
Montana	11,799	9,372	64	1,231	121	18	585
Nebraska	25,821	17,827	1,688	372	861	27	4,382
Nevada	35,756	13,171	4,471	305	2,685	322	13,176
New Hampshire	12,116	10,524	234	21	479	5	673
New Jersey	101,250	45,825	13,684	46	11,691	26	27,354
New Mexico	23,767	6,522	387	2,677	420	17	13,362
New York	229,737	111,690	34,062	331	25,429	51	53,112
North Carolina	120,125	64,278	27,886	1,466	5,006	131	18,464
North Dakota	10,737	7,931	608	817	286	10	587
Ohio	136,832	98,762	22,431	116	4,380	61	7,468
Oklahoma	50,214	28,976	4,085	4,614	1,328	232	7,441
Oregon	43,631	29,232	994	429	2,376	300	8,275
Pennsylvania	137,745	92,297	18,400	92	6,401	43	15,840
Rhode Island	10,638	6,142	776	44	542	7	2,760

See footnotes at end of table.

**Table 6. Births, by race and Hispanic origin of mother: United States, each state and territory, 2017—Con.**

[By place of residence]

Area	All races and origins <sup>2</sup>	Non-Hispanic, single race <sup>1</sup>					Hispanic <sup>3</sup>
		White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	
South Carolina . . . . .	57,029	32,283	16,851	138	1,125	45	5,221
South Dakota . . . . .	12,134	8,620	398	1,807	248	9	624
Tennessee . . . . .	81,016	53,721	16,050	90	1,905	60	7,684
Texas . . . . .	382,050	127,533	48,242	664	20,385	510	180,216
Utah . . . . .	48,585	36,492	569	445	1,233	469	7,832
Vermont . . . . .	5,655	5,134	115	14	159	2	123
Virginia . . . . .	100,391	55,540	21,101	155	7,670	125	13,999
Washington . . . . .	87,562	50,679	3,944	1,112	8,836	1,164	15,973
West Virginia . . . . .	18,675	16,943	629	15	201	11	390
Wisconsin . . . . .	64,975	46,309	6,864	715	3,017	30	6,368
Wyoming . . . . .	6,903	5,426	45	201	79	5	892
Puerto Rico . . . . .	24,310	596	65	—	25	1	23,582
Virgin Islands . . . . .	---	---	---	---	---	---	---
Guam . . . . .	3,297	193	31	8	796	2,102	27
American Samoa . . . . .	977	---	---	---	---	---	---
Northern Marianas . . . . .	363	2	1	—	53	289	—

— Quantity zero.

--- Data not available.

<sup>1</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.<sup>4</sup>Excludes data for the territories.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 7. Births, by Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence]

Area	Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic
United States <sup>1</sup>	898,764	512,126	70,813	23,362	145,614	146,849
Alabama	4,546	2,540	251	54	1,492	209
Alaska	799	393	122	16	108	160
Arizona	34,377	29,891	586	235	1,239	2,426
Arkansas	4,048	2,854	117	12	728	337
California	220,122	162,927	2,023	768	17,904	36,500
Colorado	18,125	11,442	513	180	1,396	4,594
Connecticut	8,833	800	4,259	108	2,412	1,254
Delaware	1,748	643	455	16	484	150
District of Columbia	1,336	130	39	22	922	223
Florida	67,049	11,254	13,575	15,015	22,157	5,048
Georgia	17,954	10,502	1,256	311	4,720	1,165
Hawaii	2,672	775	942	35	148	772
Idaho	3,598	2,853	66	16	192	471
Illinois	31,428	25,514	2,278	213	2,562	861
Indiana	7,669	5,521	456	56	1,017	619
Iowa	3,527	2,597	116	25	663	126
Kansas	5,963	4,303	161	56	745	698
Kentucky	3,162	1,573	240	332	686	331
Louisiana	4,778	1,297	216	135	2,304	826
Maine	229	52	66	15	65	31
Maryland	12,223	1,640	713	136	8,349	1,385
Massachusetts	13,609	494	4,472	145	3,876	4,622
Michigan	7,339	4,321	541	112	797	1,568
Minnesota	5,023	3,390	234	66	1,027	306
Mississippi	1,650	881	122	21	467	159
Missouri	4,156	2,484	241	112	740	579
Montana	585	348	24	6	37	170
Nebraska	4,382	2,973	68	124	998	219
Nevada	13,176	10,073	360	457	1,453	833
New Hampshire	673	102	184	11	134	242
New Jersey	27,354	4,464	5,921	732	9,789	6,448
New Mexico	13,362	6,508	113	63	175	6,503
New York	53,112	7,408	11,524	642	17,237	16,301
North Carolina	18,464	9,954	1,582	322	5,182	1,424
North Dakota	587	380	68	12	24	103
Ohio	7,468	3,095	1,836	145	1,586	806
Oklahoma	7,441	5,712	215	51	876	587
Oregon	8,275	7,049	155	87	675	309
Pennsylvania	15,840	2,296	7,481	273	2,124	3,666
Rhode Island	2,760	142	717	24	839	1,038
South Carolina	5,221	2,627	547	120	1,468	459
South Dakota	624	320	44	15	181	64
Tennessee	7,684	4,237	415	153	2,387	492
Texas	180,216	128,014	2,544	1,457	15,583	32,618
Utah	7,832	5,265	157	44	1,368	998
Vermont	123	37	21	7	29	29
Virginia	13,999	2,896	1,184	190	4,263	5,466
Washington	15,973	12,011	503	141	1,412	1,906
West Virginia	390	170	69	6	89	56
Wisconsin	6,368	4,387	994	62	452	473
Wyoming	892	587	27	6	53	219
Puerto Rico	23,582	32	22,895	9	139	507
Virgin Islands	---	---	---	---	---	---
Guam	27	13	3	—	3	8
American Samoa	---	---	---	---	---	---
Northern Marianas	—	—	—	—	—	—

--- Data not available.

— Quantity zero.

<sup>1</sup>Excludes data for the territories.

NOTE: In this table, Hispanic women are classified only by place of origin; non-Hispanic women are not shown; see Technical Notes in report.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 8. Birth rates, by age of mother: United States, each state and territory, 2017**

[By place of residence. Fertility rates are births per 1,000 women aged 15–44; total fertility rates are sums of birth rates for 5-year age groups multiplied by 5; birth rates by age are births per 1,000 women in specified age group estimated in each area. Populations estimated as of July 1]

Area	Birth rate	Fertility rate	Total fertility rate	Age of mother (years)									
				10–14	15–19 years			20–24	25–29	30–34	35–39	40–44	45–49 <sup>1</sup>
					Total	15–17	18–19						
United States <sup>2</sup>	11.8	60.3	1,765.5	0.2	18.8	7.9	35.1	71.0	98.0	100.3	52.3	11.6	0.9
Alabama	12.1	62.0	1,821.5	0.3	27.0	11.4	50.6	96.7	110.2	86.9	36.4	6.5	0.3
Alaska	14.1	71.5	2,021.0	*	22.0	8.0	47.0	97.1	116.1	100.8	54.0	13.0	1.0
Arizona	11.7	60.8	1,791.5	0.2	22.0	9.4	41.1	80.0	103.4	94.4	46.9	10.6	0.8
Arkansas	12.5	65.0	1,906.0	0.5	32.8	12.9	63.1	107.7	115.0	85.0	33.2	6.7	0.3
California	11.9	58.2	1,692.5	0.1	15.1	6.4	28.0	57.8	82.6	101.3	64.0	16.1	1.5
Colorado	11.5	56.6	1,630.0	0.1	16.1	6.8	30.1	61.9	85.8	96.0	53.6	11.7	0.8
Connecticut	9.8	52.3	1,591.5	*	8.8	4.0	15.3	38.2	83.8	111.5	61.7	13.1	1.1
Delaware	11.3	60.2	1,751.0	*	18.5	9.4	30.8	68.7	98.5	103.2	50.2	10.2	0.8
District of Columbia	13.8	51.3	1,421.0	*	21.0	16.0	24.4	49.7	44.9	73.2	70.4	22.3	1.9
Florida	10.7	58.4	1,713.5	0.2	18.2	7.1	35.6	71.3	94.6	95.7	50.4	11.5	0.8
Georgia	12.4	60.2	1,788.0	0.2	21.9	8.9	42.1	83.0	101.2	93.9	46.5	10.2	0.7
Hawaii	12.3	65.9	1,893.0	*	19.1	6.2	40.1	81.8	97.7	98.6	62.2	17.3	1.7
Idaho	12.9	67.4	2,012.0	*	18.6	5.8	39.7	100.4	129.0	99.9	44.5	9.0	0.8
Illinois	11.7	59.0	1,733.0	0.1	17.4	7.2	33.3	62.5	91.9	106.1	55.9	11.8	0.9
Indiana	12.3	63.4	1,872.5	0.2	22.8	8.9	43.7	84.7	117.8	100.0	40.7	7.8	0.5
Iowa	12.2	64.9	1,935.0	0.2	16.0	6.6	28.8	68.0	133.4	114.5	46.1	8.4	0.4
Kansas	12.5	65.4	1,926.5	*	21.3	7.9	41.2	78.3	124.0	107.0	45.4	8.7	0.5
Kentucky	12.3	64.5	1,903.5	0.3	29.0	10.4	56.7	99.3	114.5	92.4	37.8	7.1	0.3
Louisiana	13.0	65.2	1,876.0	0.4	29.1	11.5	57.1	102.2	108.1	88.2	39.0	7.7	0.5
Maine	9.2	53.1	1,581.0	*	13.1	4.7	24.9	62.9	95.0	94.0	43.0	7.8	*
Maryland	11.8	60.0	1,752.5	0.2	14.2	6.3	25.9	58.1	91.7	108.0	62.5	14.7	1.1
Massachusetts	10.3	51.2	1,506.0	*	8.1	3.7	13.1	32.4	69.5	108.9	66.9	14.3	1.0
Michigan	11.2	59.4	1,761.5	0.2	16.4	6.8	30.4	66.3	108.5	104.7	46.1	9.4	0.7
Minnesota	12.3	64.3	1,872.5	*	12.1	4.5	23.5	54.3	113.9	124.5	57.1	11.6	0.9
Mississippi	12.5	63.1	1,851.5	0.4	31.0	13.2	57.2	107.2	113.5	79.5	32.2	6.1	0.4
Missouri	11.9	62.3	1,813.0	0.1	22.5	8.6	43.5	82.3	110.0	96.7	42.5	8.1	0.4
Montana	11.2	62.1	1,803.5	*	21.2	8.2	41.3	73.4	108.7	101.1	45.6	9.6	0.8
Nebraska	13.4	69.8	2,061.5	*	18.1	7.6	33.4	73.0	138.4	120.7	51.7	9.6	0.7
Nevada	11.9	60.7	1,771.0	0.2	21.9	8.7	45.2	87.8	96.2	88.0	47.3	11.9	0.9
New Hampshire	9.0	50.2	1,515.0	*	8.4	2.9	15.7	40.8	92.2	104.2	48.4	8.4	0.6

See footnotes at end of table.

**Table 8. Birth rates, by age of mother: United States, each state and territory, 2017—Con.**

[By place of residence. Fertility rates are births per 1,000 women aged 15–44; total fertility rates are sums of birth rates for 5-year age groups multiplied by 5; birth rates by age are births per 1,000 women in specified age group estimated in each area. Populations estimated as of July 1]

Area	Birth rate	Fertility rate	Total fertility rate	Age of mother (years)									
				10–14	15–19 years			20–24	25–29	30–34	35–39	40–44	45–49 <sup>1</sup>
					Total	15–17	18–19						
New Jersey . . . . .	11.2	59.0	1,755.0	0.1	10.3	4.0	20.6	47.8	89.5	118.8	67.5	15.7	1.3
New Mexico . . . . .	11.4	60.1	1,756.5	*	27.9	14.2	49.0	87.9	104.3	80.6	40.9	8.9	0.6
New York . . . . .	11.6	57.4	1,654.5	0.1	12.5	5.2	22.6	52.4	79.0	101.2	66.8	17.3	1.6
North Carolina . . . . .	11.7	59.6	1,767.0	0.2	20.6	8.9	37.8	79.8	100.1	95.4	46.8	9.9	0.6
North Dakota . . . . .	14.2	73.4	2,065.0	*	16.2	6.2	28.7	68.9	138.9	126.5	51.1	10.7	*
Ohio . . . . .	11.7	62.1	1,826.0	0.2	20.8	8.3	39.4	81.1	107.3	102.8	44.3	8.2	0.5
Oklahoma . . . . .	12.8	65.3	1,897.0	0.3	29.7	12.5	56.1	100.8	114.2	90.0	36.9	7.0	0.5
Oregon . . . . .	10.5	53.8	1,562.0	*	15.0	5.2	29.8	60.1	85.8	90.0	49.5	11.1	0.8
Pennsylvania . . . . .	10.8	57.8	1,693.5	0.2	14.8	6.5	25.9	61.9	96.0	103.9	51.0	10.2	0.7
Rhode Island . . . . .	10.0	50.9	1,508.5	*	11.4	5.2	17.6	46.4	79.7	97.4	54.5	11.3	0.9
South Carolina . . . . .	11.4	59.1	1,731.0	0.3	21.7	9.2	39.8	83.8	99.6	90.5	41.7	8.2	0.4
South Dakota . . . . .	14.0	76.4	2,227.5	*	22.6	9.1	42.0	87.7	147.5	125.5	50.9	10.4	*
Tennessee . . . . .	12.1	61.7	1,802.0	0.3	26.6	10.4	52.1	91.1	104.1	90.4	39.8	7.5	0.6
Texas . . . . .	13.5	64.9	1,916.0	0.3	27.6	12.9	51.1	90.2	107.2	97.5	48.9	10.8	0.7
Utah . . . . .	15.7	72.0	2,120.5	*	15.2	5.8	30.1	81.8	140.3	121.4	52.5	11.9	0.9
Vermont . . . . .	9.1	49.7	1,519.5	*	10.1	3.6	16.8	39.9	93.4	98.6	50.7	10.5	*
Virginia . . . . .	11.9	59.7	1,748.5	0.2	15.0	5.9	28.1	64.1	96.4	104.0	56.8	12.3	0.9
Washington . . . . .	11.8	59.8	1,713.5	0.1	14.8	5.5	29.4	64.6	91.8	101.5	56.4	12.5	1.0
West Virginia . . . . .	10.3	58.0	1,731.0	*	27.1	9.3	53.7	97.6	104.9	79.3	30.9	5.8	0.4
Wisconsin . . . . .	11.2	60.0	1,787.0	0.1	13.8	5.5	25.6	58.7	115.3	112.1	47.7	9.2	0.5
Wyoming . . . . .	11.9	64.1	1,861.5	*	24.6	8.5	49.6	87.0	121.0	91.1	40.7	7.3	*
Puerto Rico . . . . .	7.3	37.0	1,101.0	0.3	24.3	11.8	42.7	69.4	58.7	43.2	19.5	4.6	0.2
Virgin Islands . . . . .	---	---	---	---	---	---	---	---	---	---	---	---	---
Guam . . . . .	19.7	99.3	2,968.0	*	40.1	15.9	80.5	133.2	166.9	146.5	85.0	20.2	*
American Samoa . . . . .	19.0	87.6	2,594.0	*	38.4	15.7	78.9	118.2	134.7	113.3	83.0	29.9	*
Northern Marianas . . . . .	6.9	39.6	1,332.0	*	16.1	*	30.4	69.5	97.7	56.9	21.7	*	*

\* Figure does not meet standards of reliability or precision; birth rates based on fewer than 20 births.

--- Data not available.

<sup>1</sup>Birth rates computed by relating births to women aged 45 and over to women aged 45–49; see Technical Notes in report.

<sup>2</sup>Excludes data for the territories.

NOTES: Population data for computing birth rates were provided by the U.S. Census Bureau. Rates by state may differ from rates computed on the basis of other population estimates.

SOURCE: NCHS, National Vital Statistics System, Natality.



**Table 9. Births and percentage of births to unmarried women, by age and race and Hispanic origin of mother: United States, 2017**

Age (years) of mother	All races and origins <sup>2</sup>	Non-Hispanic, single race <sup>1</sup>						
		White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	Hispanic <sup>3</sup>	
				Number				
All ages	1,533,901	566,264	388,979	20,734	29,287	4,576	468,528	
Under 15	1,906	397	612	37	13	2	765	
15–19	173,368	61,298	39,012	2,720	1,159	429	61,266	
15–17	46,841	13,923	10,727	806	299	100	18,965	
18–19	126,527	47,375	28,285	1,914	860	329	42,301	
20–24	502,932	190,569	130,703	6,783	5,561	1,526	148,174	
25–29	440,644	164,480	119,288	6,066	8,853	1,309	125,696	
30–34	257,944	94,469	64,017	3,386	7,624	830	79,322	
35–39	125,382	43,985	28,970	1,433	4,567	405	42,007	
40 and over	31,725	11,066	6,377	309	1,510	75	11,298	
				Percent				
All ages	39.8	28.4	69.4	69.2	11.8	48.5	52.1	
Under 15	99.4	99.5	99.8	97.4	*	*	98.8	
15–19	89.2	85.3	97.5	94.5	67.3	87.4	88.3	
15–17	96.5	94.7	99.4	98.9	88.7	98.0	96.1	
18–19	86.8	82.9	96.8	92.8	62.0	84.6	85.3	
20–24	65.8	55.6	88.3	79.2	33.4	63.5	67.6	
25–29	39.2	27.7	71.1	66.1	14.1	46.1	49.3	
30–34	23.6	15.1	52.2	56.9	7.8	36.8	38.3	
35–39	22.6	14.8	44.5	52.0	8.1	34.3	36.1	
40 and over	25.6	18.9	38.6	51.2	11.2	29.4	36.9	

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).

<sup>1</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

NOTE: For New York, mother's marital status is inferred; see reference 9.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 10. Birth rates for unmarried women: United States, 2010–2017, and by age and race and Hispanic origin of mother, 2016–2017**

[Rates are births to unmarried women per 1,000 unmarried women. Populations estimated as of July 1 for all years]

Year and race and Hispanic origin	Fertility rate <sup>1</sup>	Age of mother (years)							
		Total	15–19		20–24	25–29	30–34	35–39	40–44 <sup>2</sup>
			15–17	18–19					
<b>All races and origins<sup>3</sup></b>									
2017 .....	41.0	17.1	7.7	31.4	54.2	64.4	57.9	36.0	10.1
2016 .....	42.4	18.5	8.6	33.5	56.6	65.8	59.2	35.6	10.0
2015 .....	43.4	20.2	9.6	36.5	59.7	66.9	60.3	34.1	9.0
2014 .....	43.9	22.0	10.6	39.4	61.6	67.6	58.1	33.4	8.5
2013 .....	44.3	24.0	11.9	42.1	63.1	66.7	56.6	31.8	8.3
2012 .....	45.3	26.7	13.7	45.8	64.7	67.2	56.3	30.9	8.5
2011 .....	46.0	28.4	14.9	48.2	66.7	67.8	56.2	29.9	8.2
2010 .....	47.5	31.1	16.8	52.0	70.0	69.2	56.3	29.6	8.0
<b>Non-Hispanic, single race<sup>4</sup></b>									
<b>White:</b>									
2017 .....	29.2	11.5	4.4	22.1	38.9	46.2	41.9	25.3	7.2
2016 .....	30.3	12.4	5.0	23.5	40.9	47.3	43.0	25.2	6.8
<b>Black:</b>									
2017 .....	57.5	27.3	12.6	48.7	88.8	89.3	66.2	35.1	8.9
2016 .....	57.9	29.0	13.9	51.2	90.0	89.6	64.4	33.8	8.9
<b>Hispanic<sup>5</sup></b>									
2017 .....	62.5	26.3	13.3	47.0	78.6	102.3	98.7	64.2	18.7
2016 .....	66.0	29.2	15.1	51.2	83.1	106.4	103.6	65.0	19.3

<sup>1</sup>Rates computed by relating total births to unmarried mothers, regardless of age of mother, to unmarried women aged 15–44.

<sup>2</sup>Rates computed by relating births to unmarried women aged 40 and over to unmarried women aged 40–44; see Technical Notes in report.

<sup>3</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>4</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>5</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

NOTE: For New York, mother's marital status is inferred; see reference 9 in report.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 11. Selected demographic characteristics of births, by race and Hispanic origin of mother: United States, 2017**

[Birth rates are births per 1,000 population. Fertility rates are computed by relating total births, regardless of age of mother, to women aged 15–44. Total fertility rates are sums of birth rates for 5-year age groups multiplied by 5. Unmarried rates are births to unmarried women per 1,000 unmarried women. Populations estimated as of July 1. Mean age at first birth is the arithmetic average of the age of mothers at the time of birth, computed directly from the frequency of first births by age of mother]

Characteristic	Non-Hispanic, single race <sup>1</sup>						
	All races and origins <sup>2</sup>	White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	Hispanic <sup>3</sup>
				Number			
Births.....	3,855,500	1,992,461	560,715	29,957	249,250	9,426	898,764
				Rate			
Birth rate.....	11.8	10.2	13.9	12.6	13.8	16.7	15.2
Fertility rate.....	60.3	57.2	63.1	59.5	58.0	72.8	67.6
Total fertility rate.....	1,765.5	1,666.5	1,824.5	1,702.0	1,597.0	2,085.5	2,006.5
Unmarried rate.....	41.0	29.2	57.5	60.1	15.0	77.0	62.5
				Ratio			
Sex ratio <sup>4</sup> .....	1,048	1,054	1,034	1,045	1,065	1,108	1,038
				Percent			
All births							
Births to mothers under age 20.....	5.1	3.6	7.2	9.7	0.7	5.2	7.8
4th- and higher-order births <sup>5</sup> .....	12.8	10.7	17.6	24.3	5.2	27.7	16.2
Births to unmarried mothers.....	39.8	28.5	69.5	69.1	11.8	48.7	52.2
Mothers born in the 50 states or District of Columbia.....	76.9	93.2	83.1	98.9	17.8	36.7	52.0
Educational attainment of mother:							
High school diploma or higher.....	86.7	92.8	86.1	78.0	93.2	77.3	72.1
Bachelor's degree or higher.....	32.3	41.8	17.3	8.4	64.2	9.7	13.5
				Mean			
Age (years) of mother at first birth.....	26.8	27.6	24.9	23.3	30.3	24.9	24.8

<sup>1</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

<sup>4</sup>Male births per 1,000 female births.

<sup>5</sup>Based on live-birth order.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 12. Selected demographic characteristics of births, by Hispanic origin of mother: United States, 2017**

[Mean age at first birth is the arithmetic average of the age of mothers at the time of birth, computed directly from the frequency of first births by age of mother]

Characteristic	Total <sup>1</sup>	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic
				Number		
Births.....	898,764	512,126	70,813	23,362	145,614	146,849
Sex ratio <sup>2</sup> .....	1,038	1,036	1,047	1,058	1,043	1,035
				Percent		
All births						
Births to mothers under age 20.....	7.8	8.2	8.3	3.5	6.0	8.6
4th- and higher-order births <sup>3</sup> .....	16.2	18.5	13.5	5.1	14.0	13.5
Mothers born in the 50 states or District of Columbia.....						
52.0	55.1	71.5	43.7	16.9	68.0	
Educational attainment of mother:						
High school diploma or higher.....	72.1	70.6	82.9	91.4	61.6	79.4
Bachelor's degree or higher.....	13.5	10.5	15.8	28.1	18.4	15.7
				Mean		
Age (years) of mother at first birth.....	24.8	24.2	24.7	27.4	26.5	24.8

<sup>1</sup>Includes origin not stated.<sup>2</sup>Male births per 1,000 female births.<sup>3</sup>Based on live-birth order.

NOTE: In this table, Hispanic women are classified only by place of origin; non-Hispanic women are not shown; see Technical Notes in report.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 13. Selected medical and health characteristics of births, by race and Hispanic origin of mother: United States, 2017**

Characteristic	All races and origins <sup>2</sup>	Non-Hispanic, single race <sup>1</sup>					
		White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	Hispanic <sup>3</sup>
Mother		Percent					
Prenatal care initiation:							
First trimester . . . . .	77.3	82.4	66.6	63.4	81.1	52.5	72.3
Late or no care . . . . .	6.3	4.5	10.2	12.6	5.1	19.6	7.7
Smoked during pregnancy . . . . .	6.9	10.1	5.6	16.4	0.5	4.6	1.8
Pregnancy resulted from infertility treatment . . . . .	1.9	2.6	0.6	0.4	3.1	0.6	0.7
Mother received WIC food for herself during this pregnancy <sup>4</sup> . . . . .	38.1	25.1	57.1	57.1	22.1	43.1	58.9
Diabetes:							
Prepregnancy (diagnosis prior to this pregnancy) . . . . .	0.9	0.7	1.3	2.3	1.0	2.0	1.0
Gestational (diagnosis in this pregnancy) . . . . .	6.4	5.7	5.0	9.1	12.0	9.1	6.9
Overweight or obese (BMI of 25.0 or over) <sup>5</sup> . . . . .	53.3	49.8	63.7	66.6	31.2	73.6	60.2
Induction of labor . . . . .	25.7	28.9	23.9	26.7	20.5	17.5	21.6
CNM delivery <sup>6</sup> . . . . .	9.1	9.7	7.8	19.9	7.2	9.0	8.7
Home births . . . . .	1.0	1.5	0.4	0.5	0.3	0.5	0.3
Cesarean delivery (total) . . . . .	32.0	30.9	36.0	28.5	33.2	31.0	31.8
Low-risk <sup>7</sup> . . . . .	26.0	24.9	30.4	22.8	27.8	26.8	25.6
Source of payment for the delivery:							
Medicaid . . . . .	43.0	30.5	65.9	67.3	25.0	56.2	60.2
Private . . . . .	49.1	63.1	27.7	19.5	65.2	28.6	28.5
Self-pay . . . . .	4.1	3.0	3.0	1.8	6.8	6.3	6.7
Other <sup>8</sup> . . . . .	3.8	3.4	3.4	11.4	2.9	8.9	4.7
Infant was being breastfed at discharge <sup>9</sup> . . . . .	83.4	84.6	71.8	75.3	91.1	82.3	87.3
Infant							
Gestational age:							
Preterm <sup>10</sup> . . . . .	9.93	9.05	13.93	11.86	8.53	10.54	9.62
Early preterm <sup>11</sup> . . . . .	2.76	2.30	4.87	3.09	2.19	2.68	2.56
Late preterm <sup>12</sup> . . . . .	7.17	6.76	9.06	8.77	6.34	7.86	7.05
Birthweight <sup>13</sup> :							
Very low birthweight <sup>14</sup> . . . . .	1.41	1.05	2.95	1.41	1.13	1.15	1.26
Low birthweight <sup>15</sup> . . . . .	8.28	7.00	13.89	8.25	8.52	7.74	7.43
Twin births <sup>16</sup> . . . . .	33.3	35.5	41.0	26.8	29.0	25.1	24.5
Triplet or higher-order births <sup>17</sup> . . . . .	101.6	116.6	119.7	36.7	60.2	31.8	68.3

<sup>1</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

<sup>4</sup>WIC is Special Supplemental Nutrition Program for Women, Infants, and Children.

<sup>5</sup>BMI is body mass index.

<sup>6</sup>Births delivered by certified nurse midwives.

<sup>7</sup>Low-risk cesarean rate is the number of singleton, term (37 weeks or more of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth per 100 women delivering singleton, term, cephalic births.

<sup>8</sup>Includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity.

<sup>9</sup>Excludes data for California, which did not report infant was being breastfed at discharge. Also excludes Michigan, for which item wording for Michigan is not consistent with national standard.

<sup>10</sup>Born prior to 37 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

<sup>11</sup>Born prior to 34 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

<sup>12</sup>Born between 34 and 36 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

<sup>13</sup>Equivalents of gram weights in pounds are shown in the Technical Notes.

<sup>14</sup>Less than 1,500 grams (3 lb 4 oz).

<sup>15</sup>Less than 2,500 grams (5 lb 8 oz).

<sup>16</sup>Live births in twin deliveries per 1,000 live births.

<sup>17</sup>Live births in triplet and other higher-order multiple deliveries per 100,000 live births.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 14. Selected medical and health characteristics of births, by Hispanic origin of mother: United States, 2017**

Characteristic	Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic
<b>Mother</b>						
Prenatal care initiation:						
First trimester .....	72.3	72.0	76.0	82.2	67.7	74.6
Late or no care .....	7.7	7.9	6.1	4.2	9.3	7.0
Smoked during pregnancy .....	1.8	1.4	5.9	1.8	0.5	2.3
Pregnancy resulted from infertility treatment .....	0.7	0.5	1.1	1.2	0.9	0.8
Mother received WIC food for herself during this pregnancy <sup>1</sup> .....	58.9	60.0	56.8	52.7	57.5	58.3
Diabetes:						
Prepregnancy (diagnosis prior to this pregnancy) .....	1.0	1.1	1.3	0.7	0.8	0.9
Gestational (diagnosis in this pregnancy) .....	6.9	7.4	6.4	5.7	6.5	6.0
Overweight or obese (BMI of 25.0 or over) <sup>2</sup> .....	60.2	62.4	59.6	50.1	54.8	59.9
Induction of labor .....	21.6	21.1	24.2	22.6	20.5	22.8
CNM delivery <sup>3</sup> .....	8.7	8.3	11.1	5.4	10.3	8.0
Home births .....	0.3	0.3	0.5	0.6	0.4	0.4
Cesarean delivery (total) .....	31.8	30.4	33.9	45.8	31.3	33.9
Low-risk <sup>4</sup> .....	25.6	24.0	27.5	39.2	26.0	26.6
Source of payment for the delivery:						
Medicaid .....	60.2	61.7	60.1	52.7	54.7	61.6
Private .....	28.5	27.1	34.1	43.1	26.9	29.8
Self-pay .....	6.7	6.7	1.4	1.6	12.9	3.5
Other <sup>5</sup> .....	4.7	4.5	4.4	2.7	5.5	5.1
Infant was being breastfed at discharge <sup>6</sup> .....	87.3	87.4	81.8	91.0	89.9	87.0
<b>Infant</b>						
Gestational age:						
Preterm <sup>7</sup> .....	9.62	9.41	11.20	9.05	9.10	10.18
Early preterm <sup>8</sup> .....	2.56	2.46	3.32	2.50	2.34	2.80
Late preterm <sup>9</sup> .....	7.05	6.95	7.88	6.54	6.76	7.38
Birthweight <sup>10</sup>						
Very low birthweight <sup>11</sup> .....	1.26	1.18	1.76	1.18	1.12	1.42
Low birthweight <sup>12</sup> .....	7.43	7.03	9.67	7.38	6.95	8.23
Twin births <sup>13</sup> .....	24.5	23.1	30.6	31.3	22.7	27.3
Triplet or higher-order births <sup>14</sup> .....	68.3	68.9	111.6	85.6	57.0	53.8

<sup>1</sup>WIC is Special Supplemental Nutrition Program for Women, Infants, and Children.

<sup>2</sup>BMI is body mass index.

<sup>3</sup>Births delivered by certified nurse midwives.

<sup>4</sup>Low-risk cesarean rate is the number of singleton, term (37 weeks or more of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth per 100 women delivering singleton, term, cephalic births.

<sup>5</sup>Includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity.

<sup>6</sup>Excludes data for California, which did not report infant was being breastfed at discharge. Also excludes Michigan, for which item wording for Michigan is not consistent with national standard.

<sup>7</sup>Born prior to 37 completed weeks of gestation based on the obstetric estimate; see Technical Notes in report.

<sup>8</sup>Born prior to 34 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

<sup>9</sup>Born between 34 and 36 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

<sup>10</sup>Equivalents of gram weights in pounds are shown in Technical Notes.

<sup>11</sup>Less than 1,500 grams (3 lb 4 oz).

<sup>12</sup>Less than 2,500 grams (5 lb 8 oz).

<sup>13</sup>Live births in twin deliveries per 1,000 live births.

<sup>14</sup>Live births in triplet and other higher-order multiple deliveries per 100,000 live births.

NOTES: Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, Hispanic women are classified only by place of origin; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 15. Mothers who smoked for 3 months before and anytime during pregnancy and those who quit before and during pregnancy, by age (years) and race and Hispanic origin of mother: United States, 2017**

Tobacco use and race and Hispanic origin	All ages	Under 20	20–24	25–29	30–34	35–39	40–54
All races and origins <sup>1</sup>				Percent			
3 months before . . . . .	9.0	11.1	13.1	10.2	6.7	5.7	4.4
Anytime during pregnancy . . . . .	6.9	8.2	9.9	8.0	5.2	4.4	3.5
First trimester . . . . .	6.7	7.9	9.6	7.8	5.0	4.3	3.4
Second trimester . . . . .	5.8	6.3	8.1	6.7	4.4	3.7	3.0
Third trimester . . . . .	5.5	5.9	7.6	6.4	4.2	3.6	2.9
Quit before pregnancy <sup>2</sup> . . . . .	24.6	27.6	25.9	23.3	24.3	23.7	22.3
Quit during pregnancy <sup>3</sup> . . . . .	20.6	27.5	23.2	19.1	18.3	18.4	18.2
Non-Hispanic, single race <sup>4</sup>							
White:							
3 months before . . . . .	12.9	22.9	21.8	14.3	8.6	7.6	6.6
Anytime during pregnancy . . . . .	10.1	17.5	17.0	11.4	6.7	5.9	5.3
First trimester . . . . .	9.9	17.0	16.6	11.1	6.6	5.8	5.2
Second trimester . . . . .	8.6	13.9	14.2	9.8	5.8	5.2	4.6
Third trimester . . . . .	8.2	13.1	13.4	9.4	5.6	4.9	4.4
Quit before pregnancy <sup>2</sup> . . . . .	22.6	24.9	23.3	21.4	23.0	22.7	21.3
Quit during pregnancy <sup>3</sup> . . . . .	18.6	25.4	20.9	17.1	16.6	16.7	16.5
Black:							
3 months before . . . . .	7.3	3.9	7.2	8.7	7.6	6.7	4.6
Anytime during pregnancy . . . . .	5.6	2.8	5.1	6.7	6.0	5.4	3.8
First trimester . . . . .	5.4	2.7	5.0	6.5	5.8	5.3	3.7
Second trimester . . . . .	4.5	2.0	3.9	5.4	4.9	4.6	3.3
Third trimester . . . . .	4.2	1.8	3.6	5.0	4.6	4.3	3.1
Quit before pregnancy <sup>2</sup> . . . . .	26.1	32.9	30.9	25.2	23.7	21.1	19.9
Quit during pregnancy <sup>3</sup> . . . . .	24.9	34.7	29.1	24.5	22.5	19.9	18.4
Hispanic <sup>5</sup>							
3 months before . . . . .	2.8	2.5	3.5	3.1	2.4	2.0	1.5
Anytime during pregnancy . . . . .	1.8	1.4	2.1	2.0	1.6	1.4	1.1
First trimester . . . . .	1.7	1.4	2.0	1.9	1.5	1.3	1.1
Second trimester . . . . .	1.3	0.9	1.4	1.5	1.2	1.0	0.9
Third trimester . . . . .	1.2	0.8	1.3	1.4	1.1	1.0	0.8
Quit before pregnancy <sup>2</sup> . . . . .	39.0	45.7	42.6	37.6	36.0	35.2	31.7
Quit during pregnancy <sup>3</sup> . . . . .	32.1	41.3	38.0	29.6	27.5	28.9	25.9

See footnotes at end of table.

**Table 15. Mothers who smoked for 3 months before and anytime during pregnancy and those who quit before and during pregnancy, by age (years) and race and Hispanic origin of mother: United States, 2017—Con.**

Tobacco use and race and Hispanic origin	All ages	Under 20	20–24	25–29	30–34	35–39	40–54
All races and origins <sup>1</sup>				Number			
Total . . . . .	3,855,500	196,294	764,780	1,123,577	1,091,917	554,796	124,136
Not stated 3 months before . . . . .	19,020	1,151	4,305	5,787	4,722	2,447	608
Not stated during pregnancy . . . . .	18,715	1,138	4,205	5,688	4,644	2,429	611
Quit before pregnancy <sup>2</sup>							
Smokers . . . . .	344,599	21,568	99,706	113,976	72,688	31,211	5,450
Unknown if quit . . . . .	659	51	184	212	127	66	19
Quit during pregnancy <sup>3</sup>							
Smokers . . . . .	264,920	15,997	75,256	88,990	56,085	24,274	4,318
Unknown if quit . . . . .	454	31	115	149	96	57	6
Non-Hispanic, single race <sup>4</sup>							
White, total . . . . .	1,992,461	72,253	342,954	594,375	627,425	297,050	58,404
Not stated 3 months before . . . . .	8,489	385	1,762	2,605	2,347	1,144	246
Not stated during pregnancy . . . . .	8,322	387	1,704	2,543	2,297	1,139	252
Quit before pregnancy <sup>2</sup>							
Smokers . . . . .	255,474	16,488	74,504	84,424	53,791	22,433	3,834
Unknown if quit . . . . .	396	38	116	120	71	35	16
Quit during pregnancy <sup>3</sup>							
Smokers . . . . .	200,431	12,608	57,954	67,225	41,989	17,590	3,065
Unknown if quit . . . . .	269	18	66	94	57	30	4
Black, total . . . . .	560,715	40,629	148,091	167,778	122,564	65,129	16,524
Not stated 3 months before . . . . .	3,578	255	946	1,119	780	374	104
Not stated during pregnancy . . . . .	3,535	257	917	1,113	770	375	103
Quit before pregnancy <sup>2</sup>							
Smokers . . . . .	40,847	1,572	10,526	14,430	9,244	4,317	758
Unknown if quit . . . . .	101	3	24	39	25	10	–
Quit during pregnancy <sup>3</sup>							
Smokers . . . . .	31,295	1,118	7,578	11,148	7,305	3,526	620
Unknown if quit . . . . .	89	5	18	23	24	17	2
Hispanic <sup>5</sup>							
Total . . . . .	898,764	70,128	219,206	255,130	207,352	116,353	30,595
Not stated 3 months before . . . . .	4,014	340	1,008	1,127	887	514	138
Not stated during pregnancy . . . . .	3,973	330	1,009	1,119	870	509	136
Quit before pregnancy <sup>2</sup>							
Smokers . . . . .	25,049	1,757	7,608	7,950	4,938	2,325	471
Unknown if quit . . . . .	85	3	24	31	14	12	1
Quit during pregnancy <sup>3</sup>							
Smokers . . . . .	15,860	1,006	4,519	5,155	3,278	1,566	336
Unknown if quit . . . . .	45	4	14	15	6	6	–

– Quantity zero.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>2</sup>Quit in the 3 months before pregnancy: births to women not reporting smoking during pregnancy per 100 women who smoked in the 3 months before pregnancy. See Technical Notes in report.<sup>3</sup>Quit during pregnancy: births to women not reporting smoking in the third trimester of pregnancy per 100 women who smoked in either the first or second trimester. See Technical Notes.<sup>4</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.<sup>5</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.



**Table 16. Trimester prenatal care began, by age (years) and race and Hispanic origin of mother: United States, 2017**

Month care began and race and Hispanic origin of mother	All ages	Under 20	20–24	25–29	30–34	35–39	40–54
<b>All races and origins<sup>1</sup></b>							
	Percent						
First trimester . . . . .	77.3	61.2	70.5	77.8	82.1	81.5	78.6
Second trimester . . . . .	16.5	27.4	21.3	16.1	13.0	13.5	15.8
Late or no care . . . . .	6.3	11.4	8.2	6.1	4.9	5.0	5.7
Third trimester . . . . .	4.5	8.3	5.8	4.3	3.5	3.6	4.2
No care . . . . .	1.8	3.1	2.3	1.7	1.3	1.4	1.5
	Number						
Total . . . . .	3,855,500	196,294	764,780	1,123,577	1,091,917	554,796	124,136
Not stated . . . . .	98,417	5,894	21,581	28,555	25,855	13,353	3,179
<b>Non-Hispanic, single race<sup>2</sup></b>							
White:							
	Percent						
First trimester . . . . .	82.4	68.6	75.7	82.4	86.2	85.6	82.7
Second trimester . . . . .	13.1	23.4	18.1	13.1	10.4	10.8	12.9
Late or no care . . . . .	4.5	7.9	6.2	4.5	3.5	3.6	4.3
Third trimester . . . . .	3.3	6.1	4.7	3.3	2.5	2.6	3.2
No care . . . . .	1.2	1.8	1.5	1.2	1.0	1.0	1.2
	Number						
Total . . . . .	1,992,461	72,253	342,954	594,375	627,425	297,050	58,404
Not stated . . . . .	42,157	1,673	7,723	12,402	12,911	6,166	1,282
Black:							
	Percent						
First trimester . . . . .	66.6	53.5	63.3	68.1	70.2	70.9	69.0
Second trimester . . . . .	23.2	32.1	26.0	22.4	20.2	19.7	21.5
Late or no care . . . . .	10.2	14.4	10.7	9.5	9.6	9.4	9.5
Third trimester . . . . .	6.9	9.7	7.0	6.4	6.7	6.6	7.0
No care . . . . .	3.3	4.7	3.7	3.1	2.8	2.8	2.6
	Number						
Total . . . . .	560,715	40,629	148,091	167,778	122,564	65,129	16,524
Not stated . . . . .	22,710	1,844	6,287	6,721	4,681	2,555	622
<b>Hispanic<sup>3</sup></b>							
	Percent						
First trimester . . . . .	72.3	58.4	68.1	74.1	76.6	76.2	74.0
Second trimester . . . . .	20.0	28.6	22.6	18.8	17.2	17.7	19.5
Late or no care . . . . .	7.7	13.1	9.2	7.1	6.2	6.1	6.5
Third trimester . . . . .	5.5	9.4	6.5	5.0	4.4	4.3	4.7
No care . . . . .	2.3	3.7	2.7	2.1	1.8	1.8	1.8
	Number						
Total . . . . .	898,764	70,128	219,206	255,130	207,352	116,353	30,595
Not stated . . . . .	22,680	1,950	5,801	6,403	4,973	2,781	772

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 17. Births, by method of delivery: United States, 2010–2017, and by race and Hispanic origin of mother, 2016–2017**

Year and race and Hispanic origin	All births	Vaginal		Cesarean			Cesarean			Vaginal birth after previous cesarean delivery <sup>7</sup>	
		Total <sup>1</sup>	After previous cesarean	Total <sup>2</sup>	Primary	Low-risk <sup>3</sup>	Not stated	Total <sup>4</sup>	Primary <sup>5</sup>		Low-risk <sup>6</sup>
All races and origins <sup>8</sup>				Number				Percent			
2017	3,855,500	2,621,010	76,301	1,232,339	710,963	325,086	2,151	32.0	21.9	26.0	12.8
2016	3,945,875	2,684,803	75,244	1,258,581	728,500	329,614	2,491	31.9	21.8	25.7	12.4
2015	3,978,497	2,703,504	---	1,272,503	---	331,982	2,490	32.0	---	25.8	---
2014	3,988,076	2,699,951	---	1,284,551	---	337,086	3,574	32.2	---	26.0	---
2013	3,932,181	2,642,892	---	1,284,339	---	344,405	4,950	32.7	---	26.8	---
2012	3,952,841	2,650,744	---	1,296,070	---	355,942	6,027	32.8	---	27.2	---
2011	3,953,590	2,651,428	---	1,293,267	---	359,669	8,895	32.8	---	27.2	---
2010	3,999,386	2,680,947	---	1,309,182	---	368,523	9,257	32.8	---	27.5	---
Non-Hispanic, single race <sup>9</sup>											
White:											
2017	1,992,461	1,375,702	37,295	615,830	366,505	167,434	929	30.9	21.5	24.9	13.0
2016	2,056,332	1,419,788	37,442	635,588	379,240	172,006	956	30.9	21.5	24.7	12.8
Black:											
2017	560,715	358,467	12,457	201,991	117,054	50,217	257	36.0	25.3	30.4	12.8
2016	558,622	357,859	11,763	200,460	117,410	50,287	303	35.9	25.4	30.3	12.4
Hispanic <sup>10</sup>											
2017	898,764	613,101	18,423	285,379	150,592	67,860	284	31.8	20.2	25.6	12.0
2016	918,447	627,095	17,847	290,832	153,462	67,278	520	31.7	20.1	25.1	11.5

--- Comparable data were not available for the 50 states and the District of Columbia for 2010–2015 because not all reporting areas had adopted the 2003 U.S. Certificate of Live Birth.

<sup>1</sup>Includes unknown type of vaginal delivery; see Technical Notes in report.

<sup>2</sup>Includes unknown type of cesarean delivery; see Technical Notes.

<sup>3</sup>Low-risk cesarean is defined as singleton, term (37 completed weeks or more of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth.

<sup>4</sup>Percentage of all live births delivered by cesarean.

<sup>5</sup>Primary cesarean rate is the number of births to women having a cesarean delivery per 100 births to women without a previous cesarean.

<sup>6</sup>Low-risk cesarean rate is the number of singleton, term (37 completed weeks or more of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth per 100 women delivering singleton, term, cephalic, first births.

<sup>7</sup>Vaginal birth after cesarean delivery rate is the number of births to women having a vaginal delivery per 100 births to women with a previous cesarean delivery.

<sup>8</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>9</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>10</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 18. Births, by method of delivery by age and race and Hispanic origin of mother: United States, 2017**

Race and Hispanic origin and age (years) of mother	All births	Vaginal		Cesarean				Cesarean			Vaginal birth after previous cesarean delivery <sup>7</sup>
		Total <sup>1</sup>	After previous cesarean	Total <sup>2</sup>	Primary	Low-risk <sup>3</sup>	Not stated	Total <sup>4</sup>	Primary <sup>5</sup>	Low-risk <sup>6</sup>	
All races and origins <sup>8</sup>		Number						Percent			
All ages	3,855,500	2,621,010	76,301	1,232,339	710,963	325,086	2,151	32.0	21.9	26.0	12.8
Under 20	196,294	156,727	581	39,459	35,314	23,773	108	20.1	18.5	16.5	12.4
20–24	764,780	566,567	9,098	197,719	134,577	75,886	494	25.9	19.5	21.8	12.6
25–29	1,123,577	784,533	21,725	338,366	195,885	92,501	678	30.1	20.4	25.6	13.2
30–34	1,091,917	717,581	26,484	373,825	200,871	83,103	511	34.3	22.5	30.0	13.3
35–39	554,796	331,394	15,133	223,119	112,033	39,254	283	40.2	26.2	39.0	12.0
40–54	124,136	64,208	3,280	59,851	32,283	10,569	77	48.2	34.7	53.1	10.6
Non-Hispanic, single race <sup>9</sup>											
White, all ages	1,992,461	1,375,702	37,295	615,830	366,505	167,434	929	30.9	21.5	24.9	13.0
Under 20	72,253	57,504	143	14,707	13,332	8,720	42	20.4	18.9	16.2	9.5
20–24	342,954	256,445	3,220	86,314	60,427	33,302	195	25.2	19.3	20.4	11.1
25–29	594,375	423,909	9,937	170,178	104,562	49,985	288	28.6	20.2	23.6	13.2
30–34	627,425	423,416	14,355	203,765	114,185	47,946	244	32.5	21.8	27.8	13.8
35–39	297,050	183,221	8,024	113,702	58,846	21,802	127	38.3	25.2	36.6	12.8
40–54	58,404	31,207	1,616	27,164	15,153	5,679	33	46.5	33.9	51.2	11.9
Black, all ages	560,715	358,467	12,457	201,991	117,054	50,217	257	36.0	25.3	30.4	12.8
Under 20	40,629	31,465	146	9,146	8,204	5,566	18	22.5	20.8	19.2	13.6
20–24	148,091	104,357	2,203	43,671	29,772	16,480	63	29.5	22.6	26.2	13.7
25–29	167,778	108,055	4,155	59,635	32,506	13,520	88	35.6	23.9	33.6	13.3
30–34	122,564	72,530	3,531	49,979	25,762	8,843	55	40.8	27.2	40.3	12.7
35–39	65,129	34,496	1,975	30,606	15,803	4,502	27	47.0	32.7	50.2	11.8
40–54	16,524	7,564	447	8,954	5,007	1,306	6	54.2	41.3	62.4	10.2
Hispanic <sup>10</sup>											
All ages	898,764	613,101	18,423	285,379	150,592	67,860	284	31.8	20.2	25.6	12.0
Under 20	70,128	56,963	251	13,132	11,552	8,042	33	18.7	16.9	15.6	13.8
20–24	219,206	163,950	2,987	55,187	35,564	20,942	69	25.2	18.1	22.1	13.2
25–29	255,130	176,022	5,681	79,024	39,581	18,031	84	31.0	18.9	28.3	12.6
30–34	207,352	132,353	5,503	74,941	34,776	12,722	58	36.2	21.5	34.5	12.1
35–39	116,353	67,847	3,184	48,476	21,954	6,436	30	41.7	25.4	44.1	10.7
40–54	30,595	15,966	817	14,619	7,165	1,687	10	47.8	32.1	55.3	9.9

<sup>1</sup>Includes unknown type of vaginal delivery; see Technical Notes in report.

<sup>2</sup>Includes unknown type of cesarean delivery; see Technical Notes.

<sup>3</sup>Low-risk cesarean is defined as singleton, term (37 completed weeks or more of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth.

<sup>4</sup>Percentage of all live births delivered by cesarean.

<sup>5</sup>Primary cesarean rate is the number of births to women having a cesarean delivery per 100 births to women without a previous cesarean.

<sup>6</sup>Low-risk cesarean rate is the number of singleton, term (37 completed weeks or more of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth per 100 women delivering singleton, term, cephalic, first births.

<sup>7</sup>Vaginal birth after cesarean delivery rate is the number of births to women having a vaginal delivery per 100 births to women with a previous cesarean delivery.

<sup>8</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>9</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>10</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 19. Principal source of payment for the delivery, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Percentages are number of live births with specified source of payment per 100 live births in specified group]

Source of payment and race and Hispanic origin of mother	All ages	Under 20	20–24	25–29	30–34	35–39	40–54
<b>All races and origins<sup>1</sup></b>				<b>Percent</b>			
Total .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid .....	43.0	77.5	63.7	45.0	29.5	27.8	30.2
Private insurance .....	49.1	15.2	28.0	46.9	63.0	64.5	61.2
Self-pay .....	4.1	3.6	3.6	4.0	4.2	4.7	5.5
Other <sup>2</sup> .....	3.8	3.8	4.7	4.1	3.3	3.1	3.1
				<b>Number</b>			
Total .....	3,855,500	196,294	764,780	1,123,577	1,091,917	554,796	124,136
Not stated .....	23,332	1,306	4,885	7,159	6,228	3,017	737
<b>Non-Hispanic, single race<sup>3</sup></b>				<b>Percent</b>			
White, total .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid .....	30.5	72.5	53.9	32.6	18.6	16.7	18.2
Private insurance .....	63.1	22.2	38.5	60.4	75.7	77.6	75.2
Self-pay .....	3.0	1.9	3.0	3.1	2.8	3.1	4.1
Other <sup>2</sup> .....	3.4	3.3	4.6	3.9	2.9	2.6	2.5
				<b>Number</b>			
Total .....	1,992,461	72,253	342,954	594,375	627,425	297,050	58,404
Not stated .....	12,966	566	2,487	4,091	3,748	1,713	361
				<b>Percent</b>			
Black, total .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid .....	65.9	84.2	76.9	68.6	55.4	47.6	44.4
Private insurance .....	27.7	11.2	17.7	25.3	37.0	44.5	47.6
Self-pay .....	3.0	2.1	1.9	2.7	4.0	4.5	4.9
Other <sup>2</sup> .....	3.4	2.5	3.5	3.4	3.6	3.4	3.2
				<b>Number</b>			
Total .....	560,715	40,629	148,091	167,778	122,564	65,129	16,524
Not stated .....	3,144	236	793	954	721	350	90
<b>Hispanic<sup>4</sup></b>				<b>Percent</b>			
Total .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid .....	60.2	78.9	70.3	60.0	50.7	49.6	50.8
Private insurance .....	28.5	10.2	18.7	28.9	37.6	38.5	37.0
Self-pay .....	6.7	6.3	5.8	6.3	7.3	7.7	8.2
Other <sup>2</sup> .....	4.7	4.7	5.2	4.8	4.3	4.2	4.1
				<b>Number</b>			
Total .....	898,764	70,128	219,206	255,130	207,352	116,353	30,595
Not stated .....	4,346	366	1,057	1,205	1,015	546	157

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>2</sup>Includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity.<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 20. Births, by gestational age (weeks): United States, 2010–2017, and by race and Hispanic origin of mother, 2016–2017**

Race and Hispanic origin of mother and year	All births	Period of gestation (weeks) <sup>1</sup>											Not stated
		Preterm						Term				Post term	
		Total under 37	Total under 34	Early			Late (34–36)	Total (37–41)	Early (37–38)	Full (39–40)	Late (41)	42 and over	
		Under 28	28–31	32–33									
All races and origins <sup>2</sup>	Number	Percent											Number
2017	3,855,500	9.93	2.76	0.67	0.92	1.17	7.17	89.74	26.00	57.49	6.25	0.33	2,759
2016	3,945,875	9.85	2.76	0.68	0.92	1.17	7.09	89.80	25.47	57.94	6.38	0.35	3,454
2015	3,978,497	9.63	2.76	0.68	0.91	1.17	6.87	89.98	24.99	58.47	6.51	0.40	2,926
2014	3,988,076	9.57	2.75	0.69	0.91	1.15	6.82	90.43	24.76	58.72	6.53	0.42	3,246
2013	3,932,181	9.62	2.79	0.70	0.92	1.17	6.83	90.38	24.81	58.85	6.31	0.41	7,467
2012	3,952,841	9.76	2.80	0.71	0.92	1.17	6.96	90.24	25.47	58.30	6.06	0.40	8,380
2011	3,953,590	9.81	2.81	0.70	0.93	1.18	6.99	90.19	26.09	57.51	6.16	0.43	9,290
2010	3,999,386	9.98	2.84	0.71	0.94	1.18	7.15	90.01	27.29	56.08	6.19	0.46	10,538
Non-Hispanic, single race <sup>3</sup>													
White:													
2017	1,992,461	9.05	2.30	0.46	0.77	1.06	6.76	90.54	24.16	59.27	7.11	0.40	1,051
2016	2,056,332	9.04	2.33	0.48	0.78	1.07	6.72	90.53	23.64	59.61	7.28	0.43	1,409
Black:													
2017	560,715	13.93	4.87	1.53	1.62	1.72	9.06	85.79	28.93	51.90	4.96	0.28	445
2016	558,622	13.77	4.93	1.56	1.61	1.75	8.84	85.94	28.48	52.42	5.04	0.30	506
Hispanic <sup>4</sup>													
2017	898,764	9.62	2.56	0.62	0.85	1.09	7.05	90.16	27.58	57.15	5.43	0.23	455
2016	918,447	9.45	2.98	0.62	0.84	1.08	6.92	90.30	27.02	57.85	5.43	0.25	676
All races and origins <sup>2</sup>													
							Number						
2017	3,855,500	382,726	106,417	25,913	35,476	45,028	276,309	3,457,455	1,001,601	2,214,983	240,871	12,560	2,759
2016	3,945,875	388,218	108,836	26,618	36,239	45,979	279,382	3,540,290	1,004,224	2,284,399	251,667	13,913	3,454
2015	3,978,497	382,786	109,660	26,996	36,149	46,515	273,126	3,577,072	993,599	2,324,474	258,999	15,713	2,926
2014	3,988,076	381,321	109,474	27,320	36,245	45,909	271,847	3,586,933	986,745	2,339,796	260,392	19,822	3,246
2013	3,932,181	377,655	109,435	27,550	36,096	45,789	268,220	3,283,457	973,569	2,309,888	247,476	16,126	7,467
2012	3,952,841	385,082	110,444	28,004	36,366	46,074	274,638	3,304,365	1,004,750	2,299,615	239,148	15,866	8,380
2011	3,953,590	386,855	111,002	27,737	36,758	46,507	275,853	3,297,649	1,029,157	2,268,492	242,999	16,797	9,290
2010	3,999,386	398,402	113,131	28,437	37,435	47,259	285,271	3,325,476	1,088,564	2,236,912	246,768	18,413	10,538

See footnotes at end of table.

**Table 20. Births, by gestational age (weeks): United States, 2010–2017, and by race and Hispanic origin of mother, 2016–2017—Con.**

Race and Hispanic origin of mother and year	All births	Period of gestation (weeks) <sup>1</sup>											
		Preterm						Term				Post term	Not stated
		Total under 37	Total under 34	Early			Late (34–36)	Total (37–41)	Early (37–38)	Full (39–40)	Late (41)	42 and over	
				Under 28	28–31	32–33							
Number													
Non-Hispanic, single race <sup>3</sup>													
White:													
2017 .....	1,992,461	180,322	45,761	9,200	15,429	21,132	134,561	1,803,063	481,048	1,180,394	141,621	8,025	1,051
2016 .....	2,056,332	185,854	47,823	9,766	16,101	21,956	138,031	1,860,243	485,846	1,224,872	149,525	8,826	1,409
Black:													
2017 .....	560,715	78,024	27,274	8,548	9,070	9,656	50,750	480,661	162,072	290,803	27,786	1,585	445
2016 .....	558,622	76,834	27,501	8,729	8,987	9,785	49,333	479,630	158,937	292,539	28,154	1,652	506
Hispanic <sup>4</sup>													
2017 .....	898,764	86,393	23,025	5,605	7,635	9,785	63,368	809,882	247,788	513,342	48,752	2,034	455
2016 .....	918,447	86,691	23,195	5,649	7,665	9,881	63,496	828,783	247,999	530,951	49,833	2,297	676

<sup>1</sup>Expressed in completed weeks based on the obstetric estimate of gestation; see Technical Notes in report.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 21. Births, by gestational age (weeks) and by age and race and Hispanic origin of mother: United States, 2017**

Age (years) and race and Hispanic origin of mother	All births	Period of gestation (weeks) <sup>1</sup>										Not stated
		Total under 37	Preterm			Term			Total 37–41	42 and over		
			Early	Late	Post term	Early	Full	Late				
		Under 28	28–31	32–33	34–36	37–38	39–40	41				
<b>All races and origins<sup>2</sup></b>	<b>Number</b>	<b>Percent</b>									<b>Number</b>	
All ages . . . . .	3,855,500	9.93	0.67	0.92	1.17	7.17	89.74	26.00	57.49	6.25	0.33	2,759
Under 15 . . . . .	1,917	13.18	1.99	1.15	1.78	8.24	86.67	28.40	51.92	6.35	0.16	12
15–19 . . . . .	194,377	10.29	0.93	1.01	1.22	7.12	89.45	25.98	56.59	6.88	0.26	182
20–24 . . . . .	764,780	9.55	0.71	0.88	1.08	6.88	90.16	26.00	57.76	6.40	0.28	641
25–29 . . . . .	1,123,577	9.28	0.64	0.85	1.06	6.73	90.41	25.43	58.47	6.50	0.32	872
30–34 . . . . .	1,091,917	9.59	0.60	0.87	1.15	6.98	90.05	25.43	58.04	6.58	0.36	608
35–39 . . . . .	554,796	11.28	0.70	1.07	1.37	8.14	88.35	27.30	55.69	5.37	0.37	343
40–44 . . . . .	114,813	13.98	0.81	1.38	1.77	10.02	85.72	30.02	52.47	3.23	0.30	92
45–54 . . . . .	9,323	22.15	1.21	2.57	3.47	14.90	77.55	32.95	42.10	2.50	0.30	9
<b>Non-Hispanic, single race<sup>3</sup></b>												
White, all ages . . . . .	1,992,461	9.05	0.46	0.77	1.06	6.76	90.54	24.16	59.27	7.11	0.40	1,051
Under 15 . . . . .	399	12.94	2.28	1.27	1.52	7.87	86.55	23.10	55.08	8.38	0.51	5
15–19 . . . . .	71,854	9.95	0.79	0.98	1.20	6.99	89.78	24.31	58.18	7.30	0.27	58
20–24 . . . . .	342,954	8.84	0.50	0.76	0.99	6.59	90.81	24.45	59.38	6.98	0.35	222
25–29 . . . . .	594,375	8.52	0.45	0.72	0.97	6.38	91.10	23.65	60.09	7.37	0.38	316
30–34 . . . . .	627,425	8.75	0.41	0.74	1.06	6.55	90.82	23.61	59.66	7.56	0.43	259
35–39 . . . . .	297,050	10.03	0.45	0.87	1.18	7.52	89.50	25.12	58.00	6.38	0.47	150
40–44 . . . . .	54,062	12.50	0.56	1.10	1.57	9.28	87.06	28.15	54.89	4.02	0.44	37
45–54 . . . . .	4,342	19.85	0.95	1.59	3.09	14.22	79.81	32.13	44.65	3.02	0.35	4

See footnotes at end of table.

**Table 21. Births, by gestational age (weeks) and by age and race and Hispanic origin of mother: United States, 2017—Con.**

Age (years) and race and Hispanic origin of mother	All births	Period of gestation (weeks) <sup>1</sup>										Not stated
		Preterm					Term				Post term	
		Total under 37	Early Under 28	28–31	Late 32–33	34–36	Total 37–41	Early 37–38	Full 39–40	Late 41	42 and over	
Non-Hispanic, single race <sup>3</sup> —Con.	Number	Percent										Number
Black, all ages.....	560,715	13.93	1.53	1.62	1.72	9.06	85.79	28.93	51.90	4.96	0.28	445
Under 15 .....	613	13.14	2.46	0.99	2.30	7.39	86.86	29.56	51.56	5.75	*	4
15–19 .....	40,016	12.78	1.57	1.38	1.51	8.32	86.97	27.73	53.09	6.15	0.24	45
20–24 .....	148,091	12.88	1.42	1.45	1.59	8.41	86.91	28.45	53.28	5.18	0.21	117
25–29 .....	167,778	13.31	1.48	1.55	1.60	8.69	86.41	28.57	52.86	4.98	0.28	145
30–34 .....	122,564	14.17	1.58	1.65	1.75	9.19	85.46	28.88	51.53	5.06	0.36	81
35–39 .....	65,129	16.62	1.70	2.09	2.16	10.68	83.05	30.72	48.23	4.10	0.33	41
40–44 .....	15,167	19.18	1.71	2.25	2.61	12.61	80.54	32.68	45.23	2.63	0.28	12
45–54 .....	1,357	27.71	2.36	3.91	4.50	16.95	71.70	36.18	33.75	1.77	0.59	–
Hispanic <sup>4</sup>												
All ages.....	898,764	9.62	0.62	0.85	1.09	7.05	90.16	27.58	57.15	5.43	0.23	455
Under 15 .....	774	14.12	1.55	1.30	1.68	9.59	85.88	30.05	50.13	5.70	*	2
15–19 .....	69,354	9.08	0.71	0.85	1.04	6.49	90.64	26.59	57.20	6.85	0.27	59
20–24 .....	219,206	8.54	0.55	0.72	0.91	6.36	91.23	26.59	58.39	6.25	0.23	134
25–29 .....	255,130	8.80	0.57	0.72	0.98	6.53	90.97	27.11	58.31	5.55	0.23	123
30–34 .....	207,352	9.88	0.62	0.88	1.13	7.24	89.89	27.76	57.00	5.13	0.23	88
35–39 .....	116,353	11.92	0.78	1.13	1.43	8.59	87.88	29.68	54.11	4.09	0.20	40
40–44 .....	28,835	14.33	0.82	1.46	1.75	10.30	85.54	31.61	51.49	2.45	0.13	8
45–54 .....	1,760	21.66	0.68	3.24	3.47	14.27	78.23	32.69	43.55	1.99	0.11	1

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).  
– Quantity zero.

<sup>1</sup>Expressed in completed weeks based on the obstetric estimate of gestation; see Technical Notes in report.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, as well as births with origin not stated.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.



**Table 22. Births, by birthweight (grams): United States, 2010–2017, and by age and race and Hispanic origin of mother, 2016–2017**

Year and race and Hispanic origin of mother	Birthweight (grams) <sup>1</sup>														Not stated
	All births	Low birthweight													
		Very low birthweight											5,000 or more		
		Total under 2,500	Total under 1,500	Less than 500	500–999	1,000–1,499	1,500–1,999	2,000–2,499	2,500–2,999	3,000–3,499	3,500–3,999	4,000–4,499		4,500–4,999	
Number	Percent													Number	
<b>All races and origins<sup>2</sup></b>															
2017	3,855,500	8.28	1.41	0.14	0.52	0.74	1.63	5.25	18.72	38.76	26.44	6.75	0.95	0.11	3,002
2016	3,945,875	8.17	1.40	0.14	0.52	0.74	1.59	5.17	18.54	38.76	26.60	6.85	0.97	0.11	4,518
2015	3,978,497	8.07	1.40	0.15	0.52	0.73	1.58	5.09	18.36	38.84	26.73	6.90	0.98	0.12	3,621
2014	3,988,076	8.00	1.40	0.15	0.52	0.74	1.56	5.04	18.27	38.80	26.88	6.94	0.99	0.12	3,270
2013	3,932,181	8.02	1.41	0.15	0.53	0.73	1.56	5.05	18.22	38.93	26.85	6.86	0.99	0.11	4,452
2012	3,952,841	7.99	1.42	0.15	0.54	0.73	1.56	5.01	18.28	39.00	26.81	6.83	0.97	0.12	4,008
2011	3,953,590	8.10	1.44	0.15	0.54	0.75	1.58	5.08	18.44	39.13	26.56	6.71	0.95	0.11	4,570
2010	3,999,386	8.15	1.45	0.15	0.55	0.75	1.59	5.11	18.63	39.21	26.41	6.58	0.92	0.11	3,964
<b>Non-Hispanic, single race<sup>3</sup></b>															
<b>White:</b>															
2017	1,992,461	7.00	1.05	0.09	0.36	0.60	1.40	4.54	16.05	37.68	29.70	8.28	1.17	0.12	1,211
2016	2,056,332	6.97	1.07	0.09	0.37	0.61	1.39	4.51	15.88	37.59	29.82	8.39	1.21	0.12	2,212
<b>Black:</b>															
2017	560,715	13.89	2.95	0.36	1.18	1.41	2.72	8.22	25.44	37.96	18.37	3.76	0.51	0.07	642
2016	558,622	13.68	2.95	0.37	1.20	1.38	2.67	8.06	25.38	38.24	18.42	3.69	0.52	0.07	936
<b>Hispanic<sup>4</sup></b>															
2017	898,764	7.43	1.26	0.13	0.47	0.66	1.42	4.76	18.86	40.76	25.95	6.02	0.85	0.11	428
2016	918,447	7.32	1.24	0.13	0.46	0.65	1.41	4.68	18.76	40.79	26.06	6.10	0.85	0.12	556
<b>All races and origins<sup>2</sup></b>								<b>Number</b>							
2017	3,855,500	318,873	54,135	5,470	19,979	28,686	62,605	202,133	721,165	1,493,081	1,018,613	260,042	36,493	4,231	3,002
2016	3,945,875	321,839	55,110	5,710	20,323	29,077	62,863	203,866	730,710	1,527,707	1,048,476	269,865	38,264	4,496	4,518
2015	3,978,497	320,869	55,592	5,863	20,689	29,040	62,862	202,415	729,673	1,544,024	1,062,456	274,404	38,796	4,654	3,621
2014	3,988,076	318,847	55,947	5,936	20,721	29,290	61,992	200,908	727,987	1,546,274	1,071,007	276,592	39,353	4,746	3,270
2013	3,932,181	315,099	55,458	5,945	20,866	28,647	61,238	198,403	715,764	1,529,258	1,054,767	269,594	38,834	4,413	4,452
2012	3,952,841	315,709	56,252	5,947	21,432	28,873	61,499	197,958	721,840	1,540,161	1,058,604	269,581	38,288	4,650	4,008
2011	3,953,590	319,711	56,754	5,942	21,289	29,523	62,504	200,453	728,201	1,545,355	1,048,902	265,040	37,475	4,336	4,570
2010	3,999,386	325,563	57,841	5,980	22,015	29,846	63,427	204,295	744,181	1,566,755	1,055,004	262,997	36,706	4,216	3,964

See footnotes at end of table.

**Table 22. Births, by birthweight (grams): United States, 2010–2017, and by age and race and Hispanic origin of mother, 2016–2017—Con.**

Year and race and Hispanic origin of mother	All births	Birthweight (grams) <sup>1</sup>														
		Low birthweight												5,000 or more		Not stated
		Very low birthweight														
		Total under 2,500	Total under 1,500	Less than 500	500–999	1,000– 1,499	1,500– 1,999	2,000– 2,499	2,500– 2,999	3,000– 3,499	3,500– 3,999	4,000– 4,499	4,500– 4,999			
Non-Hispanic, single race <sup>3</sup>																
White:																
2017.....	1,992,461	139,358	20,981	1,752	7,233	11,996	27,968	90,409	319,523	750,331	591,376	164,898	23,299	2,465	1,211	
2016.....	2,056,332	143,254	21,979	1,888	7,565	12,526	28,578	92,697	326,279	772,165	612,641	172,434	24,781	2,566	2,212	
Black:																
2017.....	560,715	77,815	16,544	2,024	6,597	7,923	15,228	46,043	142,459	212,599	102,878	21,065	2,854	403	642	
2016.....	558,622	76,299	16,465	2,083	6,675	7,707	14,885	44,949	141,557	213,260	102,702	20,571	2,880	417	936	
Hispanic <sup>4</sup>																
2017.....	898,764	66,766	11,275	1,137	4,229	5,909	12,772	42,719	169,467	366,198	233,157	54,096	7,631	1,021	428	
2016.....	918,447	67,210	11,378	1,175	4,237	5,966	12,910	42,922	172,171	374,434	239,210	55,983	7,770	1,113	556	

<sup>1</sup>Equivalents of gram weights in pounds are shown in Technical Notes in the report.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 23. Births, by birthweight (grams) and by age and race and Hispanic origin of mother: United States, 2017**

Age (years) and race and Hispanic origin of mother	All births	Birthweight (grams) <sup>1</sup>													Not stated
		Low birthweight											5,000 or more		
		Very low birthweight					1,000–1,499	1,500–1,999	2,000–2,499	2,500–2,999	3,000–3,499	3,500–3,999		4,000–4,499	
		Total under 2,500	Total under 1,500	Less than 500	500–999	Percent									
All races and origins <sup>2</sup>	Number	Percent											Number		
All ages	3,855,500	8.28	1.41	0.14	0.52	0.74	1.63	5.25	18.72	38.76	26.44	6.75	0.95	0.11	3,002
Under 15	1,917	11.72	2.41	0.26	1.26	0.89	2.20	7.11	26.78	41.42	17.00	2.82	0.26	*	5
15–19	194,377	9.90	1.76	0.20	0.70	0.86	1.84	6.30	23.75	41.14	20.97	3.81	0.40	0.04	140
20–24	764,780	8.60	1.43	0.16	0.53	0.75	1.60	5.57	20.93	40.46	24.10	5.21	0.64	0.07	597
25–29	1,123,577	7.74	1.30	0.14	0.49	0.67	1.48	4.96	18.36	39.17	26.93	6.78	0.92	0.10	920
30–34	1,091,917	7.67	1.28	0.13	0.46	0.69	1.54	4.85	17.10	37.98	28.22	7.77	1.13	0.13	780
35–39	554,796	8.82	1.54	0.14	0.56	0.84	1.85	5.43	17.66	36.85	27.49	7.81	1.22	0.15	446
40–44	114,813	10.95	1.97	0.15	0.70	1.12	2.38	6.60	19.12	36.32	25.28	7.03	1.16	0.15	107
45–54	9,323	18.61	3.55	0.14	1.11	2.31	4.47	10.59	22.03	33.28	19.62	5.57	0.76	0.13	7
Non-Hispanic, single race <sup>3</sup>															
White, all ages	1,992,461	7.00	1.05	0.09	0.36	0.60	1.40	4.54	16.05	37.68	29.70	8.28	1.17	0.12	1,211
Under 15	399	12.31	3.52	0.25	1.76	1.51	2.01	6.78	17.59	42.96	20.10	6.53	0.50	*	1
15–19	71,854	8.85	1.56	0.14	0.61	0.81	1.70	5.59	20.29	40.45	24.65	5.14	0.57	0.05	45
20–24	342,954	7.26	1.11	0.10	0.39	0.63	1.36	4.78	17.96	39.56	27.67	6.64	0.84	0.08	205
25–29	594,375	6.56	0.98	0.09	0.35	0.55	1.29	4.28	15.84	38.13	30.03	8.21	1.12	0.12	358
30–34	627,425	6.56	0.96	0.08	0.32	0.57	1.34	4.26	14.86	36.96	30.99	9.16	1.33	0.14	365
35–39	297,050	7.48	1.10	0.09	0.37	0.64	1.58	4.79	15.45	35.89	30.34	9.24	1.43	0.17	191
40–44	54,062	9.37	1.46	0.11	0.47	0.88	2.02	5.89	17.23	35.73	27.73	8.40	1.38	0.15	44
45–54	4,342	16.01	2.24	0.09	0.76	1.38	3.89	9.88	19.65	33.76	22.58	6.75	1.01	0.23	2

See footnotes at end of table.

**Table 23. Births, by birthweight (grams) and by age and race and Hispanic origin of mother: United States, 2017—Con.**

Age (years) and race and Hispanic origin of mother	All births	Birthweight (grams) <sup>1</sup>													Not stated
		Low birthweight													
		Very low birthweight													
		Total under 2,500	Total under 1,500	Less than 500	500–999	1,000– 1,499	1,500– 1,999	2,000– 2,499	2,500– 2,999	3,000– 3,499	3,500– 3,999	4,000– 4,499	4,500– 4,999	5,000 or more	
Non-Hispanic, single race <sup>3</sup> —Con.	Number	Percent													Number
Black, all ages.....	560,715	13.89	2.95	0.36	1.18	1.41	2.72	8.22	25.44	37.96	18.37	3.76	0.51	0.07	642
Under 15 .....	613	13.14	2.46	0.33	1.15	0.99	2.30	8.37	32.02	40.89	12.64	1.15	0.16	*	4
15–19 .....	40,016	14.59	2.85	0.40	1.14	1.31	2.72	9.01	29.98	39.25	14.10	1.91	0.16	0.01	37
20–24 .....	148,091	13.95	2.72	0.34	1.06	1.31	2.67	8.56	27.96	39.19	15.95	2.62	0.29	0.04	151
25–29 .....	167,778	13.29	2.79	0.35	1.13	1.32	2.48	8.01	25.20	38.43	18.79	3.76	0.46	0.07	219
30–34 .....	122,564	13.33	3.02	0.39	1.21	1.42	2.67	7.64	22.80	37.27	20.83	4.91	0.74	0.11	153
35–39 .....	65,129	14.94	3.56	0.36	1.44	1.76	3.17	8.21	22.81	35.44	20.69	5.18	0.83	0.11	63
40–44 .....	15,167	17.20	3.83	0.38	1.47	1.97	3.96	9.41	23.61	34.11	19.42	4.64	0.87	0.15	15
45–54 .....	1,357	26.31	6.56	0.59	2.21	3.76	6.41	13.34	25.50	31.91	13.26	2.51	0.44	0.07	–
Hispanic <sup>4</sup>															
All ages.....	898,764	7.43	1.26	0.13	0.47	0.66	1.42	4.76	18.86	40.76	25.95	6.02	0.85	0.11	428
Under 15 .....	774	10.47	1.94	0.26	1.16	0.52	2.45	6.07	27.65	41.99	17.96	1.94	*	*	–
15–19 .....	69,354	8.22	1.33	0.14	0.54	0.65	1.46	5.43	23.79	43.22	20.96	3.45	0.32	0.03	37
20–24 .....	219,206	7.06	1.08	0.12	0.40	0.57	1.26	4.72	20.43	42.65	24.37	4.85	0.57	0.07	102
25–29 .....	255,130	6.80	1.10	0.12	0.42	0.57	1.27	4.43	18.14	41.19	26.83	6.09	0.85	0.10	120
30–34 .....	207,352	7.21	1.29	0.13	0.48	0.68	1.42	4.50	17.18	39.48	27.74	7.15	1.09	0.15	81
35–39 .....	116,353	8.49	1.59	0.15	0.59	0.85	1.79	5.11	17.53	38.09	27.05	7.44	1.21	0.18	72
40–44 .....	28,835	10.52	1.95	0.12	0.73	1.10	2.21	6.36	18.60	37.26	25.46	6.78	1.15	0.22	13
45–54 .....	1,760	17.07	3.87	0.06	0.91	2.90	3.76	9.45	22.54	32.61	21.29	5.58	0.85	0.06	3

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).  
– Quantity zero.

<sup>1</sup>Equivalents of gram weights in pounds are shown in the Technical Notes in the report.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 24. Twin and triplet and higher-order multiple births: United States, 2010–2017, and by race and Hispanic origin of mother, 2016–2017**

Race and Hispanic origin and year	Total births	Twin births	Triplet and higher-order births <sup>1</sup>	Multiple birth rate	Twin birth rate	Triplet and higher-order birth rate <sup>1</sup>
All races and origins <sup>2</sup>		Number		Per 1,000		Per 100,000
2017 .....	3,855,500	128,310	3,917	34.3	33.3	101.6
2016 .....	3,945,875	131,723	4,003	34.4	33.4	101.4
2015 .....	3,978,497	133,155	4,123	34.5	33.5	103.6
2014 .....	3,988,076	135,336	4,526	35.1	33.9	113.5
2013 .....	3,932,181	132,324	4,700	34.8	33.7	119.5
2012 .....	3,952,841	131,024	4,919	34.4	33.1	124.4
2011 .....	3,953,590	131,269	5,417	34.6	33.2	137.0
2010 .....	3,999,386	132,562	5,503	34.5	33.1	137.6
Non-Hispanic, single race <sup>3</sup>						
White:						
2017 .....	1,992,461	70,704	2,324	36.7	35.5	116.6
2016 .....	2,056,332	73,425	2,502	36.9	35.7	121.7
Black:						
2017 .....	560,715	22,982	671	42.2	41.0	119.7
2016 .....	558,622	22,267	628	41.0	39.9	112.4
Hispanic <sup>4</sup>						
2017 .....	898,764	22,041	614	25.2	24.5	68.3
2016 .....	918,447	22,625	538	25.2	24.6	58.6

<sup>1</sup>Triplet, quadruplet, quintuplet, and higher-order multiple deliveries.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table 25. Births, by plurality and by age and race and Hispanic origin of mother: United States, 2017**

Race and Hispanic origin and age (years) of mother	Live births				Rates		
	Total	Singleton	Twin	Triplet and higher-order multiple <sup>1</sup>	Multiple birth	Twin birth	Triplet and higher-order multiple <sup>1</sup>
All races and origins <sup>2</sup>	Number				Per 1,000		Per 100,000
All ages . . . . .	3,855,500	3,723,273	128,310	3,917	34.3	33.3	101.6
Under 15 . . . . .	1,917	1,899	18	—	9.4	9.4	0.0
15–19 . . . . .	194,377	191,090	3,244	43	16.9	16.7	22.1
15–17 . . . . .	48,547	47,825	718	4	14.9	14.8	8.2
18–19 . . . . .	145,830	143,265	2,526	39	17.6	17.3	26.7
20–24 . . . . .	764,780	746,416	17,999	365	24.0	23.5	47.7
25–29 . . . . .	1,123,577	1,088,373	34,240	964	31.3	30.5	85.8
30–34 . . . . .	1,091,917	1,049,295	41,180	1,442	39.0	37.7	132.1
35–39 . . . . .	554,796	529,143	24,816	837	46.2	44.7	150.9
40–44 . . . . .	114,813	109,132	5,484	197	49.5	47.8	171.6
45–54 . . . . .	9,323	7,925	1,329	69	150.0	142.6	740.1
Non-Hispanic, single race <sup>3</sup>							
White, all ages . . . . .	1,992,461	1,919,433	70,704	2,324	36.7	35.5	116.6
Under 15 . . . . .	399	393	6	—	15.0	15.0	0.0
15–19 . . . . .	71,854	70,648	1,185	21	16.8	16.5	29.2
15–17 . . . . .	14,701	14,475	223	3	15.4	15.2	20.4
18–19 . . . . .	57,153	56,173	962	18	17.1	16.8	31.5
20–24 . . . . .	342,954	335,062	7,727	165	23.0	22.5	48.1
25–29 . . . . .	594,375	575,556	18,204	615	31.7	30.6	103.5
30–34 . . . . .	627,425	601,023	25,452	950	42.1	40.6	151.4
35–39 . . . . .	297,050	281,994	14,576	480	50.7	49.1	161.6
40–44 . . . . .	54,062	51,025	2,959	78	56.2	54.7	144.3
45–54 . . . . .	4,342	3,732	595	15	140.5	137.0	345.5
Black, all ages . . . . .	560,715	537,062	22,982	671	42.2	41.0	119.7
Under 15 . . . . .	613	609	4	—	6.5	6.5	0.0
15–19 . . . . .	40,016	39,106	895	15	22.7	22.4	37.5
15–17 . . . . .	10,787	10,592	195	—	18.1	18.1	0.0
18–19 . . . . .	29,229	28,514	700	15	24.5	23.9	51.3
20–24 . . . . .	148,091	142,930	5,045	116	34.9	34.1	78.3
25–29 . . . . .	167,778	160,336	7,320	122	44.4	43.6	72.7
30–34 . . . . .	122,564	116,755	5,626	183	47.4	45.9	149.3
35–39 . . . . .	65,129	61,797	3,200	132	51.2	49.1	202.7
40–44 . . . . .	15,167	14,418	688	61	49.4	45.4	402.2
45–54 . . . . .	1,357	1,111	204	42	181.3	150.3	3,095.1

See footnotes at end of table.

**Table 25. Births, by plurality and by age and race and Hispanic origin of mother: United States, 2017—Con.**

Race and Hispanic origin and age (years) of mother	Live births				Rates		
	Total	Singleton	Twin	Triplet and higher-order multiple <sup>1</sup>	Multiple birth	Twin birth	Triplet and higher-order multiple <sup>1</sup>
Hispanic <sup>4</sup>	Number				Per 1,000		Per 100,000
All ages .....	898,764	876,109	22,041	614	25.2	24.5	68.3
Under 15 .....	774	766	8	—	10.3	10.3	0.0
15–19 .....	69,354	68,423	924	7	13.4	13.3	10.1
15–17 .....	19,744	19,510	233	1	11.9	11.8	5.1
18–19 .....	49,610	48,913	691	6	14.0	13.9	12.1
20–24 .....	219,206	215,105	4,034	67	18.7	18.4	30.6
25–29 .....	255,130	248,910	6,057	163	24.4	23.7	63.9
30–34 .....	207,352	201,260	5,901	191	29.4	28.5	92.1
35–39 .....	116,353	112,295	3,920	138	34.9	33.7	118.6
40–44 .....	28,835	27,779	1,020	36	36.6	35.4	124.8
45–54 .....	1,760	1,571	177	12	107.4	100.6	681.8

— Quantity zero.

0.0 Equals zero events in the numerator or percentage of less than 0.05%.

<sup>1</sup>Triplet, quadruplet, quintuplet, and higher-order multiple deliveries.

<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

## Technical Notes

### Data source

Data shown in this report for 2017 are based on 100% of the birth certificates filed in all states and the District of Columbia (D.C.). The data are provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program. Information on the percentage of records with missing information for maternal and infant characteristics included in this report is shown by state in the "User Guide to the 2017 Natality Public Use File" (9); methodological and measurement information for these characteristics is also available in the 2017 User Guide.

### 2003 revision of U.S. Standard Certificate of Live Birth

Data for 2017 presented in this report are based on the 2003 revision of the U.S. Standard Certificate of Live Birth; data for 2010–2015 are based on both the 1989 and the 2003 birth certificate revisions. The 2003 revision is described in detail elsewhere (16).

### Age of mother

Age of mother is computed in most cases from the mother's and infant's dates of birth as reported on the birth certificate. In 2017, the mother's age was directly reported by one territory (American Samoa). Since 2007, age of mother was imputed for ages 8 and under and 65 and over. Mothers aged 9 are recoded as aged 10. A review and verification of unedited data for several years including 2007 showed that the vast majority of births reported as occurring to women aged 50 and over were to women age 50–54. In this report, the final age groups shown in the tables (45–49, 45–54, or 50–54) include births to mothers up to age 64. For historical information on mother's age, see the User Guide (9).

### Marital status

Due to state statutory restrictions, beginning in 2017, California no longer provides record-level data on the marital status of the mother for births occurring in California to California residents and nonresidents. But in lieu of record-level data, California provided counts of births by marital status category (married, unmarried, and unknown) by age and race and Hispanic origin of the mother to NCHS, according to the age and race and Hispanic-origin categories shown in this report. For consistency with procedures for handling missing information for other jurisdictions, California's counts of birth by marital status were redistributed (proportionately) to the same maternal age, race, and marital status subgroups in the data set to obtain the national estimates by marital status. This approach is consistent with hot-deck procedures used for non-California records to impute for missing age, race, and marital status based on records for which these characteristics are known.

## Hispanic origin and race

### Hispanic origin

Hispanic origin and race are reported separately on the birth certificate. Data are shown in most cases for five specified Hispanic groups: Mexican, Puerto Rican, Cuban, Central and South American, and "Other and unknown Hispanic." In tabulations of birth data by race and Hispanic origin, data for persons of Hispanic origin are not further classified by race because the vast majority of births to Hispanic women are reported as white.

Items asking for the Hispanic origin of the mother (and the father) have been included on the birth certificates of all states, D.C., U.S. Virgin Islands, and Guam since 1993, and on the birth certificates of Puerto Rico starting in 2005 and Commonwealth of the Northern Marianas starting in 2010 (9,11). American Samoa does not collect information on Hispanic origin.

The Hispanic-origin question on the 2003 revision of the birth certificate asks respondents to select only one response. Occasionally, however, more than one Hispanic-origin response is given, that is, a specified Hispanic group (Mexican, Puerto Rican, Cuban, or Central and South American) in combination with one or more other specified Hispanic group. From 2003 through 2012, respondents who selected more than one Hispanic origin on the birth certificate were classified as "Other Hispanic." Beginning with the 2013 data year, respondents who select more than one Hispanic origin are randomly assigned to a single Hispanic origin. This change was implemented to be consistent with the coding methods of the American Community Survey (ACS) (17), on which the rates for the specified Hispanic groups as of 2010 are based (see "Population estimates for specific Hispanic groups").

**Change in births to "Other and unknown Hispanic" women**—The number of births to "Other and unknown Hispanic" women increased by 1% from 145,381 in 2016 to 146,849 in 2017, and has increased steadily from 48,972 in 2003. Factors that may have influenced this rise are not clear but may include less specificity in respondent reporting of Hispanic origin and increases in the populations of groups included in the "Other Hispanic" category. For the percentage of records for which Hispanic origin of the parents was not reported in 2017, and additional information on the reporting of Hispanic origin, see the User Guide (9).

### Race

This report presents data on race and Hispanic origin based on the 1997 Office of Management and Budget (OMB) standards (3). The 2003 revision of the U.S. Standard Certificate of Live Birth allows the reporting of the five race categories either alone (i.e., single race) or in combination (i.e., more than one race or multiple races) for each parent (10), in accordance with OMB's 1997 revised standards (3). The five categories for race specified in the revised standards are: American Indian or Alaska Native (AIAN), Asian, black or African American, Native Hawaiian or Other Pacific Islander (NHOP), and white; see 2017 User Guide (9).



Beginning in 2016, all states and D.C., in addition to Puerto Rico, U.S. Virgin Islands, Guam, and Northern Marianas, were reporting race according to the 1997 revised OMB standards, with 2.6% of mothers in the United States reporting more than one race (9) in 2017. Data from American Samoa still follow the 1977 OMB standards (18). Prior to 2016, the multiple-race reporting states varied widely, increasing from 6 states in 2003, to all 50 states and D.C. and all territories except American Samoa in 2016.

## Gestational age

Beginning with the 2014 data year, NCHS transitioned to a new standard for estimating the gestational age of the newborn. The new measure—the obstetric estimate of gestation at delivery (OE)—replaces the measure based on the date of the last normal menses (LMP) (15). National data based on the OE are available only from data year 2007 forward. Gestational age estimates differ somewhat between the OE- and LMP-based measures. Accordingly, gestational age data in this report are based on the OE. Information and discussion of the reasons for the change, and a detailed comparison of the two measures, are presented elsewhere (15).

## Computation of percentages, percent distributions, and means

For information and discussion on computations of percentages, percent distributions, and means, see the User Guide (9).

## Population denominators

The birth and fertility rates for 2017 shown in [Tables 1, 2, 5, 8, 10, 11](#), and [I-2](#) are based on populations estimated from the 2010 Census as of July 1, 2017. These populations are shown in the User Guide (9). The population estimates have been provided by the U.S. Census Bureau (19), and are based on the 2010 Census counts by age, sex, and race. The race categories are consistent with the revised 1997 OMB standards (3).

The birth and fertility rates by state shown in [Table 8](#) are based on state-level population counts, which are based on the 2010 Census provided by the U.S. Census Bureau (19). Birth and fertility rates for all territories except Puerto Rico shown in [Table 8](#) are based on population estimates provided by the U.S. Census Bureau's International Data Base (20). Rates for Puerto Rico are based on population estimates from the 2010 Census as of July 1, 2017, and are provided by the U.S. Census Bureau (21).

Rates by state and territory shown in this report may differ from rates computed on the basis of other population estimates; rates for smaller population subgroups, such as those for teen mothers, may be particularly affected by differences in population estimates. Birth and fertility rates by month shown in [Table I-2](#) are based on monthly population estimates for 2017, which are also based on 2010 Census estimates. For 2017, rates for unmarried women shown in [Tables 10](#) and [11](#) are based on distributions of the population by marital status averaged over a

2-year period for 2016–2017. These distributions were reported by the U.S. Census Bureau in the March Current Population Survey for each year (22,23), and have been adjusted to July 1, 2017 (2010 Census), population levels (21) by NCHS' Division of Vital Statistics (24).

The population distributions by marital status are based on a 2-year average for 2014–2016 (11). For earlier years, rates for unmarried women are based on population distributions by marital status averaged over a 3-year period (24).

## Population estimates for specific Hispanic groups

The 2017 population estimates for the specific Hispanic population groups were not available as of the preparation of this report (25). Accordingly, birth and fertility rates for these groups for 2017 are not shown in this report. Once available, birth and fertility rates for the specific Hispanic population groups will be added to [Table 12](#). The 2017 special population estimates for Hispanic groups will be shown in the User Guide, once available (9).

## Computation of rates and percentages

An asterisk (\*) in the tables indicates that a rate or percentage does not meet standards of reliability or precision. For population-based rates, an asterisk is shown in place of a rate based on fewer than 20 births in the numerator. For percentages, new standards have been adopted by NCHS and implemented for natality data beginning with the 2017 data year. The new standard is based on denominator size and on the absolute or relative widths of the confidence interval of the proportion or percentage calculated using the Clopper–Pearson method. This compares with the previous standard for which, similar to the standard for population-based rates, an asterisk was used for percentages based on fewer than 20 births in the numerator. For detailed information on the new standard, see “National Center for Health Statistics Data Presentation Standards for Proportions” (26) and the 2017 User Guide (9).

## Random variation and significance testing for natality data

For information and discussion on random variation and significance testing for natality data, see the 2010 User Guide (27).

For information and discussion on random variation and significance testing for birth and fertility rates for Mexican, Puerto Rican, Cuban, Central and South American, and Other Hispanic populations based on ACS population estimates, see the 2017 User Guide (9).

## Definitions of medical terms

For definitions and discussion of medical and health items presented in this report, see “Guide to Completing the Facility Worksheets for the Certificate of Live Birth and Report of Fetal Death” (28).

**U.S. DEPARTMENT OF  
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