

Births: Final Data for 2018

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Abstract

Objectives—This report presents 2018 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 3.79 million births that occurred

in 2018 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 through 2018 are presented for selected items. Trend data by race and Hispanic origin are shown for 2016–2018.

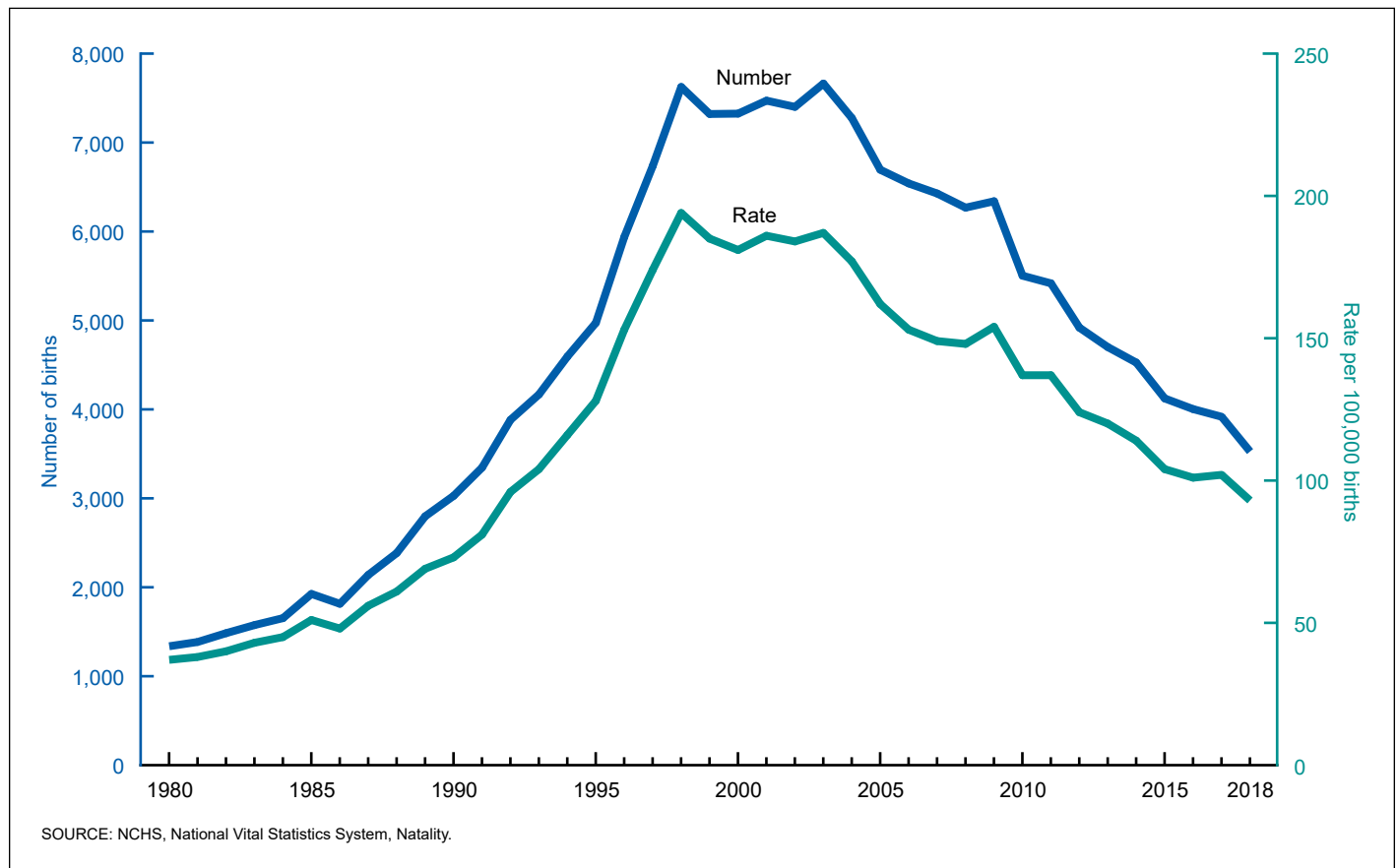


Figure 1. Number and rate of triplet and higher-order multiple births: United States, 1980–2018



Results—3,791,712 births were registered in the United States in 2018, down 2% from 2017. Compared with rates in 2017, the general fertility rate declined to 59.1 births per 1,000 women aged 15–44. The birth rate for females aged 15–19 fell 7% in 2018. Birth rates declined for women aged 20–34 and increased for women aged 35–44. The total fertility rate declined to 1,729.5 births per 1,000 women in 2018. Birth rates for both married and unmarried women declined from 2017 to 2018. The percentage of women who began prenatal care in the first trimester of pregnancy rose to 77.5% in 2018; the percentage of all women who smoked during pregnancy declined to 6.5%. The cesarean delivery rate decreased to 31.9% in 2018 following an increase in 2017. Medicaid was the source of payment for 42.3% of all 2018 births, down 2% from 2017. The preterm birth rate rose for the fourth straight year to 10.02% in 2018; the rate of low birthweight was unchanged at 8.28%. Twin and triplet and higher-order multiple birth rates declined in 2018 (Figure 1).

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

Introduction

This report presents detailed data on numbers and characteristics of births in 2018, 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 2018 presented data on selected topics based on a sample of nearly all (99.73%) 2018 births (1); a National Center for Health Statistics Data Brief presented selected characteristics based on final data for 2018 births (2).

The 2018 report marks the third 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. Also presented for the third year are national data on race and Hispanic-origin categories based on the 1997 Office of Management and Budget (OMB) standards (3), allowing for the presentation of data by single race and Hispanic origin for 2016–2018. 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 2015 and earlier data. 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 (5). The public-use file does not include geographic detail, but a file with this information can be provided 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 (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. Internet-only tables on a number of additional topics, such as births by attendant and place and delivery, mean age of mother by live-birth order, maternal prepregnancy body mass index, and infections during pregnancy and maternal morbidity, are also available; see [List of Detailed Tables](#). For information on data quality, see reports that assessed the quality of selected medical and health data from the 2003 revised birth certificate and the “User Guide to the 2018 Natality Public Use File” (8–10).

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 (10). Tables showing data by state also provide separate information for Puerto Rico, Guam, and Northern Marianas. These areas, however, are not included in totals for the United States. Data for the U.S. Virgin Islands and American Samoa were not available for 2018.

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 (11) 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 (12). 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 for 2016–2018. 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. Beginning with 2018, data are presented for an additional Hispanic group, Dominican. Data

for this subgroup had previously been included in the category “other and unknown Hispanic.”

Trend tables included in the detailed tables for this report include the years 2010–2018; 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”) (12).

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 50–54). For information on levels of incomplete reporting by state, see the User Guide (10). 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 (10).

Demographic Characteristics (Tables 1–12)

Births and birth rates

Number of births

In 2018, 3,791,712 births were registered in the United States, down 2% (or 63,788) from 2017 ([Table 1](#), [Figure 2](#)). This is the fourth year that the number of births has declined following

an increase in 2014. Before that year, the number of births declined steadily from 2007 through 2013 (12). Among the race and Hispanic-origin groups, the number of births declined 1% for Hispanic and 2% for non-Hispanic white and non-Hispanic black women, and 3% for non-Hispanic AIAN and non-Hispanic Asian women from 2017 to 2018; the number of births for non-Hispanic NHOPI women was essentially unchanged ([Tables 1, 3, and 6](#)). Among the specified Hispanic groups, births declined 3% for Mexican women in 2018, but rose 1% for Puerto Rican and Central and South American women ([Tables 4 and 7](#)). The number of births was essentially unchanged for Cuban women in 2018.

Fertility rate

The **general fertility rate** (GFR) for the United States in 2018 was 59.1 births per 1,000 females aged 15–44, down 2% from 2017 (60.3) and a record low rate for the nation ([Table 1](#)) (12,13). This is the fourth year that the rate has declined following an increase in 2014. From 2007 to 2013, the GFR declined steadily (12).

Among the race and Hispanic-origin groups, the GFR declined for nearly all groups in 2018, down 2% for non-Hispanic white and non-Hispanic black, 3% for non-Hispanic AIAN and Hispanic, and 4% for non-Hispanic Asian females. The rate for non-Hispanic NHOPI females was essentially unchanged from 2017 to 2018.

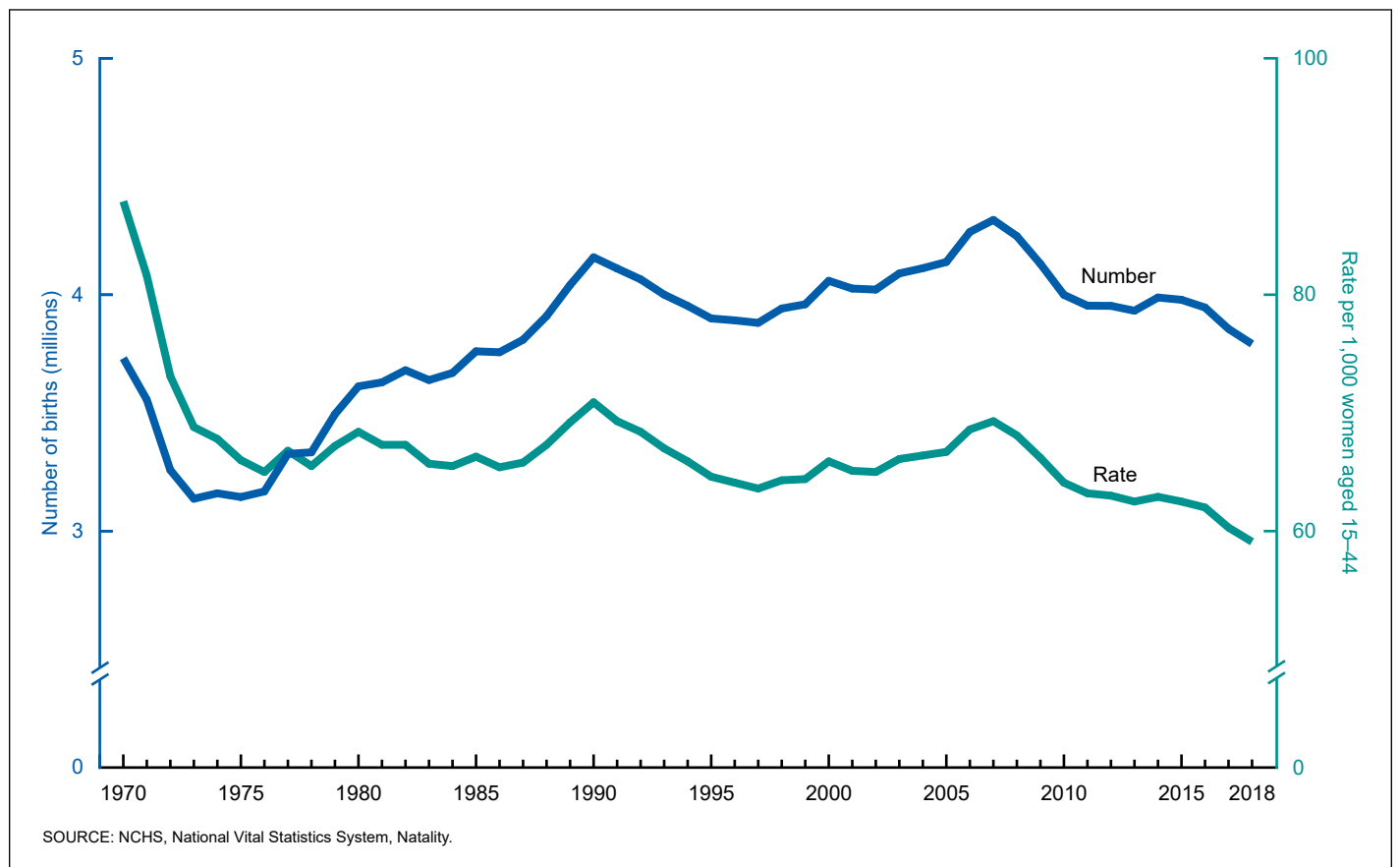


Figure 2. Live births and general fertility rates: United States, 1970–2018

Age of mother

Birth rates decreased for females aged 15–34, increased for females aged 35–44, and were unchanged for females aged 10–14 and 45–49 from 2017 to 2018.

Teenagers—The birth rate for females aged 15–19 in the United States in 2018 was 17.4 births per 1,000, down 7% from 2017 (18.8) and another record low (Table 2, Figure 3) (12–14). Since 2009, the teen birth rate has fallen to a new low each year. The rate for this group has declined 58% since 2007 (41.5), the most recent high, and 72% since the 1991 high (61.8). The number of births to teenagers aged 15–19 was 179,871 in 2018, also down 7% from 2017 (194,377) (15).

The 2018 birth rates for teenagers aged 15–17 and 18–19 were 7.2 and 32.3 births per 1,000 females, respectively, down 9% and 8% from 2017, to record lows for both groups. Rates for these age groups have fallen 67% and 55%, respectively, since 2007, and by 81% and 66% since 1991. The birth rate for females aged 10–14 was unchanged in 2018 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 2018: down 4% for non-Hispanic black, 8% for non-Hispanic white and Hispanic, 10% for non-Hispanic AIAN, and 15% for non-Hispanic Asian teenagers. The rate for non-Hispanic NHOPI teenagers was essentially unchanged from 2017 to 2018.

Women in their 20s—The birth rate for women aged 20–24 was 68.0 births per 1,000 women in 2018, down 4% from 2017 (71.0), and another record low (Table 2) (12,13). The rate for

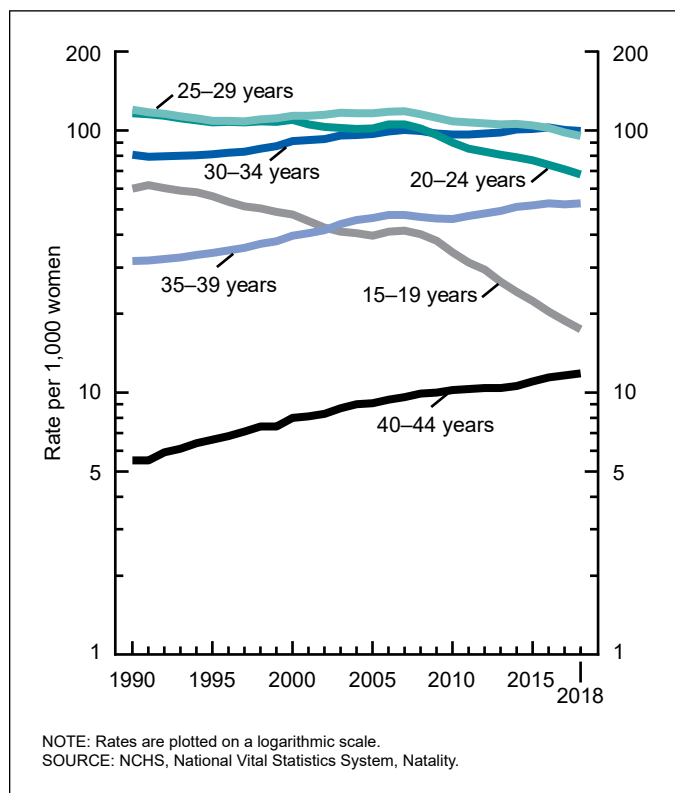


Figure 3. Birth rates, by age of mother: United States, 1990–2018

women in this age group has declined steadily since 2006. The number of births to women in their early 20s declined 5% from 2017 (15). The rate for women aged 25–29 was 95.3 births per 1,000 women, down 3% from 2017 (98.0). 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 2017 to 2018 (see Tables 3 and 4 for 2018 data) (15).

Women in their 30s—The birth rate for women aged 30–34 was 99.7 births per 1,000 women in 2018, down 1% from 2017 (100.3) and the second decline in the rate since 2010 (12,13). The 2018 rate for women aged 30–34 was higher than the rate for women aged 25–29 for the third year since reliable national records were available (1940) (12,13). The number of births to women aged 30–34 was essentially unchanged from 2017 to 2018. The birth rate for women aged 35–39 was 52.6 births per 1,000 women in 2018, up 1% from 2017 (52.3) after a brief decline in the rate in 2017, the first since 2010 (Table 2). The number of births to women aged 35–39 rose 2% in 2018 (see Tables 3 and 4 for 2018 data) (15).

Women in their 40s—The birth rate for women aged 40–44 was 11.8 births per 1,000 women in 2018, up 2% from 2017 (11.6) (Table 2); the rate for this group has risen almost continuously since 1985 (12,13). The number of births to women in their early 40s rose 2% from 2017 to 2018. 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 2018, unchanged from 2017. The number of births to women aged 45 and over was also unchanged from 2017 to 2018.

Women aged 50 and over—There were 959 births to women aged 50 and over in 2018, up from 840 in 2017 (Table 3) (15). The number of births to women in this age group has generally increased since 1997 (from 144 births), when data for women aged 50 and over became available again. The birth rate for women aged 50–54 rose to 0.9 births per 10,000 women in 2018, from 0.8 in 2017. 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 22.4 births per 1,000 females aged 15–44 in 2018, down 2% from 2017 (22.9) (see Tables 3 and 4 for the number of births and Table 5 for birth rates). First birth rates declined for females in their teens (down 6% for females aged 15–19) and 20s (down 2% each for women aged 20–24 and 25–29), but rose for women in their 30s (up less than 1% for women aged 30–34 and 1% for women aged 35–39) and early 40s (up 4%). First birth rates for females aged 10–14 and 45–49 were unchanged in 2018 (15).

Mean age of mother

In 2018, the mean age of mothers at first birth was 26.9 years, an increase from 26.8 in 2017, and another record high

for the nation (Tables 11, 12, and I-6) (12,13). 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 2018 reflects, in part, the decline in first births to females in their teens and 20s, and the rise in first births to women in their 30s and early 40s (15).

Mean age at first birth increased for nearly all race and Hispanic-origin groups in 2018, rising to 23.5 years for non-Hispanic AIAN, 25.0 for Hispanic, 25.1 for non-Hispanic black, 27.7 for non-Hispanic white, and 30.5 for non-Hispanic Asian women (Tables 11, 12, and I-6). The average age at first birth for non-Hispanic NHOPI women was 24.7 in 2018, essentially unchanged from 2017. Among the specified Hispanic groups, average ages increased to 24.4 years for Mexican, 24.8 for Puerto Rican, and 27.7 for Cuban women, and were essentially unchanged for Central and South American women (26.5).

Total fertility rate

The **total fertility rate** (TFR) for the United States in 2018 was 1,729.5 births per 1,000 women, down 2% from 2017 (1,765.5) (Table 2). This is the fourth year that the TFR has declined following an increase in 2014. From 2007 to 2013, the rate declined steadily. The 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 the race and Hispanic-origin groups, the TFR declined for nearly all groups in 2018, down 2% for non-Hispanic white, non-Hispanic black, and Hispanic; 3% for non-Hispanic AIAN; and 5% for non-Hispanic Asian women. The rate for non-Hispanic NHOPI women was essentially unchanged from 2017 to 2018.

The TFR for the nation in 2018 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 (12,13). The TFR was below replacement for all race and Hispanic-origin groups in 2018, except non-Hispanic NHOPI women (2,106.5) (Table 2).

Births and birth rates by state

The GFR, the number of births per 1,000 females aged 15–44, declined from 2017 to 2018 by 1% to 3% in 25 states, and by 4% to 6% in 10 states and D.C. (Arizona, Colorado, Idaho, Montana, Oregon, South Dakota, Utah, Vermont, Washington, and Wyoming), rose for 2 states (New York and New Jersey), and was essentially unchanged in 13 states (Connecticut, Delaware, Kansas, Maine, Maryland, Mississippi, Missouri, Nevada, New Hampshire, North Dakota, Oklahoma, Rhode Island, and West Virginia). Rates among the states ranged from 47.2 births per 1,000 females aged 15–44 in Vermont to 73.6 in South Dakota. (See Tables 6 and 7 for the number of births and Table 8 for birth rates.) Among the U.S. territories, the GFR declined in Puerto

Rico, rose in Northern Marianas, and was essentially unchanged in Guam. For the number of births by state in 2018, see Tables 6 and 7.

Birth rates for teenagers by state

In 2018, the birth rate for teenagers aged 15–19 declined in 38 states, with declines ranging from 4% for Indiana, Michigan, and Missouri, to 19% for Montana. Rates were essentially unchanged in the remaining 12 states and D.C. (Connecticut, Delaware, Iowa, Maryland, New Hampshire, New Jersey, North Dakota, Rhode Island, South Carolina, South Dakota, Vermont, and West Virginia). Rates among the states ranged from 7.2 births per 1,000 in Massachusetts to 30.4 in Arkansas (Table 8). The wide range in state-specific teen rates is consistent with patterns observed in previous analyses (14,16). Teen birth rates declined in Puerto Rico, rose in Northern Marianas, and were essentially unchanged for Guam. Rates among the territories ranged from 19.3 births per 1,000 teenagers in Puerto Rico to 34.4 in Guam (Table 8).

Births to unmarried women

The birth rate for unmarried women was 40.1 births per 1,000 unmarried women aged 15–44 in 2018, down 2% from 2017 (41.0) (Table 10). The 2018 nonmarital birth rate was 23% lower than the peak of 51.8 in 2007 and 2008 (12). (See [Technical Notes](#) for description of the adjustments made to calculations of rates by marital status beginning with 2017.)

The birth rate for married women also declined in 2018, to 85.6 per 1,000 married women aged 15–44, from 87.4 in 2017. The marital birth rate declined 4% over the period 2005–2010 but rose 6% from 2010 through 2016 (12).

The percentage of all births to unmarried women was 39.6% in 2018, down from 2017 (39.8%) and the lowest level since 2007 (12). The percentage of all births to unmarried women peaked in 2009 at 41.0% (12).

In 2018, the percentage of nonmarital births decreased from 2017 for three race and Hispanic-origin groups: non-Hispanic white (28.2% in 2018), Hispanic (51.8%), and non-Hispanic AIAN women (68.2%). The percentage of nonmarital births increased for non-Hispanic NHOPI women (50.4%) and was unchanged for two groups: non-Hispanic black (69.4%) and non-Hispanic Asian women (11.7%). The number of nonmarital births decreased by 2% from 2017 (1,533,901) to 2018 (1,503,361) (15). Nonmarital birth rates declined from 2017 to 2018 for women in age groups under 30 and for women aged 35–39, with the rate for teenagers aged 15–19 dropping 6% (to 16.0 per 1,000 in 2018), and the rate for females aged 15–17 at another all-time low (7.1). Conversely, the nonmarital birth rate rose for women aged 30–34, to 59.5, and for women aged 40–44, reaching a historic peak of 10.6.

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). In 2018, the percentages of unmarried births ranged from about one in five births in Utah (19.2%) to more than one-half of births in Louisiana (53.3%), Mississippi (54.1%), and New Mexico (51.2%).

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

Of the women who gave birth in 2018, 6.5% reported smoking tobacco at some point while pregnant, a 6% decline from 2017 (Table 15) (15). Tobacco use was most common earlier in pregnancy: 6.3% of women smoked in their first trimester, 5.4% in their second, and 5.2% in their third. Of the 8.4% of women who reported smoking in the 3 months before becoming pregnant, 24.2% quit smoking before pregnancy (Table 15).

By race and Hispanic origin, 9.5% of non-Hispanic white women reported smoking at some point during pregnancy, down 6% from 2017; 5.2% of non-Hispanic black women reported smoking at some point during pregnancy, down 7%; and 1.7% of Hispanic women reported smoking during pregnancy, down 6% from 2017. See 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: 22.3% of non-Hispanic white, 25.8% of non-Hispanic black, and 38.7% of Hispanic women who smoked during the 3 months before pregnancy did not smoke while pregnant.

By maternal age, smoking rates during pregnancy were highest among women aged 20–24 (9.2%) and for women under age 20 (7.6%) and 25–29 (7.5%). Tobacco use during pregnancy was less common among older women, with 3.5% of women aged 40–54 and 4.3% 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 2018, 77.5% began prenatal care in the first trimester of pregnancy, up from 77.3% in 2017. Late (beginning in the third trimester) or no prenatal care declined in 2018 to 6.2%, from 6.3% in 2017 (Table 16) (15).

By race and Hispanic origin, prenatal care beginning in the first trimester increased for non-Hispanic white (from 82.4% in 2017 to 82.5% in 2018), non-Hispanic black (66.6% to 67.1%), non-Hispanic Asian (81.1% to 81.8%), and Hispanic (72.3% to 72.7%) women. First trimester care declined in 2018 for non-Hispanic AIAN (63.4% to 62.6%) and non-Hispanic NHOPI (52.5% to 51.0%) women (Table 13) (15). Levels of late or no prenatal care declined for non-Hispanic black (10.2% to 9.9%) and non-Hispanic Asian (5.1% to 4.9%) women but remained essentially unchanged for other groups. Timing of prenatal care continued to vary by race and Hispanic origin in 2018. First trimester care ranged from 51.0% for non-Hispanic NHOPI women to 82.5% for non-Hispanic white women; late or no prenatal care ranged from 4.5% for non-Hispanic white women to 20.2% for non-Hispanic NHOPI women.

By age of mother, women aged 20–24 and 35–39 were more likely to receive first trimester prenatal care in 2018 (70.9% and 81.7%, respectively) than in 2017 (70.5% and 81.5%,

respectively), whereas women aged 25–29 and 40 and over were less likely to receive first-trimester care (77.8% to 77.7% and 78.6% to 78.2%, respectively). Rates for other age groups were unchanged in 2018. Levels of late or no prenatal care increased for mothers under age 20 (11.4% to 11.7%) and declined for women aged 20–24 (8.2% to 8.1%) and 35–39 (5.0% to 4.9%), but were unchanged for other groups in 2018 (Table 16) (15).

Method of delivery

Cesarean delivery

In 2018, the cesarean delivery rate decreased to 31.9% from 32.0% in 2017 (Figure 4, Table 17). In 2017, the cesarean delivery rate had increased for the first time since 2009, when it peaked at 32.9% after increasing every year since 1996 (20.7%) (12,15).

Among the three largest race and Hispanic-origin groups, the cesarean delivery rate decreased for non-Hispanic white (30.9% to 30.8%) and Hispanic (31.8% to 31.6%) women from 2017 to 2018; rates for non-Hispanic black (36.1% in 2018) 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 2017–2018 for women under age 35, but remained unchanged for older age groups (Table 18). Cesarean delivery continued to remain higher among older women compared with younger mothers; women aged 40 and over (48.0%) were more than twice as likely to deliver by cesarean as women under age 20 (19.8%).

Low-risk cesarean delivery—The low-risk cesarean delivery rate also decreased in 2018, from 26.0% to 25.9% for 2017–2018. 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 2018, the primary cesarean delivery rate, which measures cesarean deliveries among women who have not had a previous cesarean delivery, was 21.7%, down from 21.9% in 2017 (Tables 17 and 18.)

Vaginal birth after previous cesarean delivery (VBAC)—The VBAC rate measures vaginal births among women with a previous cesarean delivery. In 2018, 13.3% of women with a previous cesarean delivered vaginally, up 4% from 12.8% in 2017. See Tables 17 and 18 for details. Changes in VBAC overall and by race and Hispanic origin are presented in a recent report (2).

Source of payment for the delivery

The principal source of payment for the delivery of most births in 2018 continued to be either private insurance or Medicaid; however, the percentage of births covered by private insurance increased from 2017 (from 49.1% to 49.6%), and the percentage of births covered by Medicaid declined (from 43.0% to 42.3%). The category “self-pay,” generally considered to indicate uninsured deliveries, accounted for 4.2% of 2018 births, up from 4.1% in 2017. The remainder of births were covered by other insurance (3.9%; up from 3.8% in 2017); other insurance

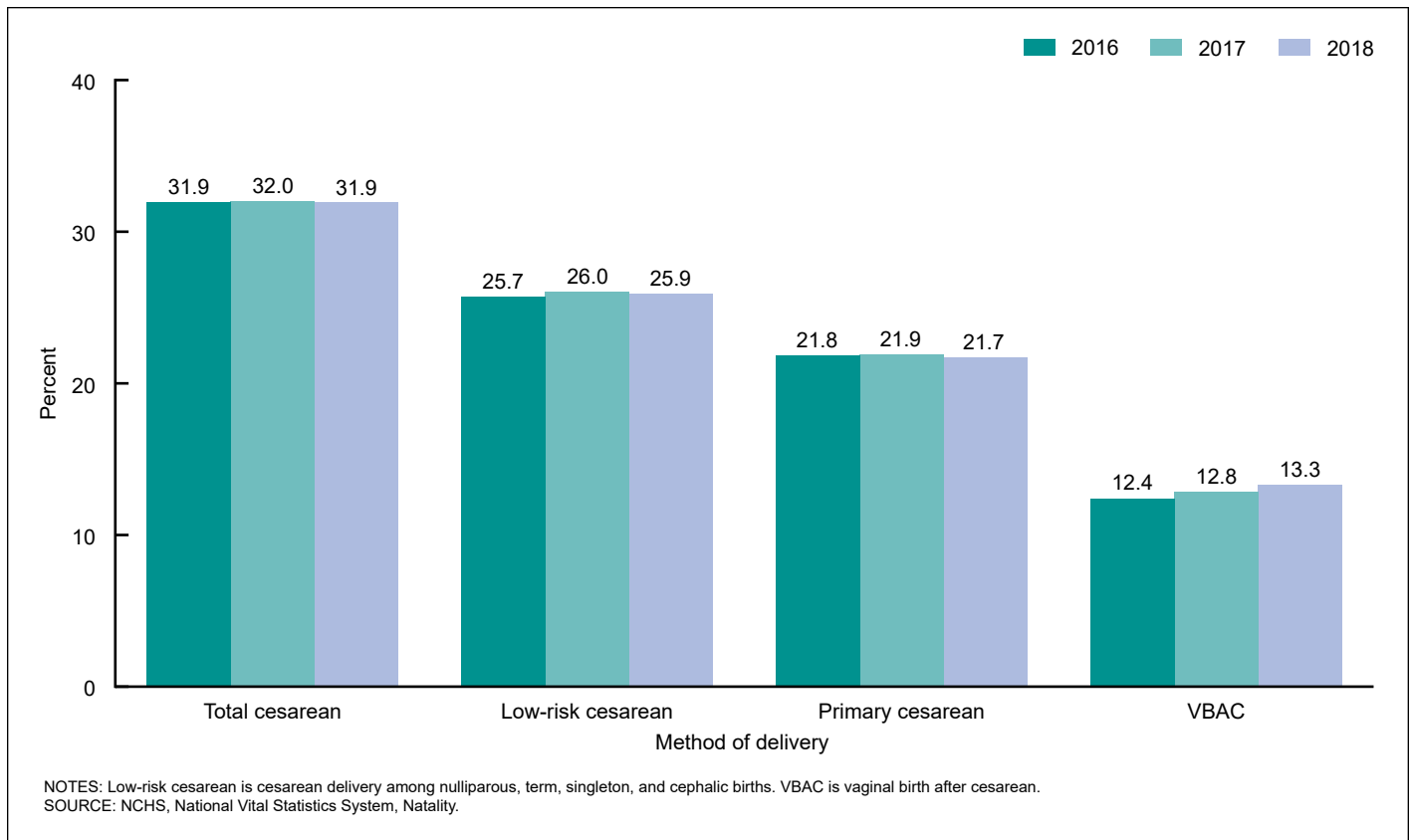


Figure 4. Method of delivery: United States, 2016–2018

includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity (Table 19) (15).

Medicaid coverage for the delivery declined for each of the three largest race and Hispanic-origin groups during 2017–2018 (Table 19) (15). In 2018, the percentages of mothers with Medicaid-covered births ranged from 30.0% for non-Hispanic white women to 65.3% for non-Hispanic black women. The percentage of births covered by private insurance increased from 2017 to 2018 for non-Hispanic white (63.1% to 63.3%), non-Hispanic black (27.7% to 28.4%), and Hispanic (28.5% to 29.5%) women. See Tables 13 and 14 for information for additional race and Hispanic-origin groups.

By age of mother, Medicaid as the source of payment declined for women aged 20–24 (63.7% to 63.1%), 25–29 (45.0% to 44.8%), 30–34 (29.5% to 29.4%), and 35–39 (27.8% to 27.4%) (Table 19) (15). The percentages of births with Medicaid as the source of payment ranged from 27.4% for women aged 35–39 to 77.3% for women under age 20. Private insurance as the source of payment for the delivery increased in 2018 for women aged 20–24 (28.0% in 2017 to 28.2% in 2018), 25–29 (46.9% to 47.0%), and 35–39 (64.5% to 64.8%). Percentages with private insurance ranged from 15.1% for women under age 20 to 64.8% for women aged 35–39 (Table 19).

Infant Health Characteristics (Tables 20–25)

Period of gestation

The U.S. preterm birth rate rose to 10.02% in 2018, a 1% rise from 2017 (9.93%), and the fourth 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%) (12) to 2014 (Table 20). (National data based on the obstetric estimate of gestation are available only from 2007 (17); see Technical Notes.)

All of the increase in the total preterm birth rate for 2017–2018 was among infants born late preterm (34–36 weeks), up from 7.17% to 7.28%. The early preterm birth rate (less than 34 weeks) was 2.75% in 2018, essentially unchanged since 2014, but down from 2.93% in 2007 (12,17).

Changes in the distribution of births delivered at term and later (37 weeks and higher) were also observed from 2017 to 2018. The percentage of infants born early term (37–38 weeks) rose by 2% in 2018, from 26.00% to 26.53% and the full term (39–40 weeks) birth rate declined, from 57.49% to 57.24%. 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 (12). Declines were also seen from 2017 to 2018 in late (41 weeks) and post-term (42 and higher) births (Table 20). Similar patterns for 2017–2018 were seen for the three largest race and Hispanic-origin groups (2).

The increase in the preterm birth rate among births to non-Hispanic white mothers between 2017 and 2018 (9.05% to 9.09%) was not statistically significant, but rates rose among births to non-Hispanic black (from 13.93% to 14.13%), and Hispanic mothers (9.62% to 9.73%) (Table 20). For 2018, preterm birth rates for the race and Hispanic-origin groups ranged from a high of 14.13% among births to non-Hispanic black mothers to a low of 8.57% among non-Hispanic Asian mothers (Table 13). Preterm levels for the Hispanic subgroups ranged from 9.19% (Cuban) to 10.87% (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 accordant potential influence on preterm birth rates (also see “Multiple births” in this report). The 2018 preterm birth rate for singleton births was 8.24%, a 1% increase over the 2017 level of 8.13%, and a 5% rise from 2015 (7.82%). From 2007 through 2014, the singleton preterm rate had declined from 8.59% to 7.74% (Table) (12).

Increases in preterm birth rates were seen in nine states between 2017 and 2018: Alabama, Colorado, Illinois, Indiana, Iowa, Mississippi, Nebraska, North Dakota, and Texas. Rates declined in two states (Nevada and Oregon) for this period. See Table I-19 for 2018 data.

Birthweight

The percentage of infants born low birthweight (LBW) was unchanged for 2017–2018 at 8.28%. 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%) (12) (Tables 22 and 23). From 1990 to 2006, LBW levels rose nearly 20%, but then declined from 2007 to 2012 (7.99%) (12).

The very low birthweight (VLBW, less than 1,500 grams) rate declined to 1.38% in 2018 from 1.41% in 2017. The VLBW rate had been essentially stable at 1.40%–1.41% for 2013–2017, and is down from a high of 1.49% for 2005–2007 (10). The percentage of moderately low birthweight infants (1,500–2,499 grams) was 6.90% in 2018, a non-statistically significant increase from 2017 (6.87%); moderately low birthweight levels for 2016–2018 have matched or surpassed the peak reported for 2006 (6.77%) (Table 22) (12).

Between 2017 and 2018, LBW rates declined among births to non-Hispanic white women (from 7.00% to 6.91%), but rose for the second straight year for births to non-Hispanic black women (from 13.68% in 2016 to 13.89% in 2017, and 14.07% in 2018). The increase in LBW among births to Hispanic women (7.43% in 2017 to 7.49% in 2018) was not statistically significant, but the rate for this group is up from 7.32% in 2016. See Tables 13, 14, I-21, and I-22 for 2018 VLBW and LBW rates by race and Hispanic origin and by state.

The LBW rate among singleton births only rose from 6.56% to 6.60% from 2017 to 2018 (15); the increase was among infants born moderately low birthweight (see Table for 2018 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 2018 twin birth rate was 32.6 twins per 1,000 births, a 2% decline from the 2017 rate of 33.3. 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 (Tables 24 and 25) (12).

The triplet and higher-order multiple birth rate (triplet/+) was 93.0 per 100,000 births for 2018, an 8% decline from 2017 (101.6) and down 52% from the 1998 peak (193.5) (12). 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 (Tables 24 and 25; Figure 1).

There were 123,536 infants born in twin deliveries in 2018, a decline of 4% from the number in 2017 (Table 25). The number of triplet/+ births in 2018, 3,525, was the lowest number reported since 1991 and less than one-half of the highest number reported (7,663 triplet/+ births in 2003) (12). In 2018, triplet/+ births included 3,400 triplets, 115 quadruplets, and 10 quintuplets and higher-order multiple births. See Table for the number of births and percentages of preterm and LBW births by specified plurality.

Table. Gestational age and birthweight characteristics, by plurality: United States, 2018

Plurality	Number of births	Early preterm ¹	Preterm ²	Percent	
				Very low birthweight ³	Low birthweight ⁴
All births	3,791,712	2.75	10.02	1.38	8.28
Singleton	3,664,651	2.12	8.24	1.09	6.60
Twin	123,536	19.52	60.32	9.07	55.62
Triplet	3,400	63.09	98.32	33.60	94.77
Quadruplet	115	82.61	97.39	50.44	98.23
Quintuplet and higher-order multiples	10	100.00	100.00	100.00	100.00

¹Less than 34 completed weeks of gestation.

²Less than 37 completed weeks of gestation.

³Less than 1,500 grams.

⁴Less than 2,500 grams.

Twin birth rates declined among non-Hispanic white women by 3% (from 35.5 to 34.4 per 1,000), but were largely stable among non-Hispanic black (41.0 to 40.8) and Hispanic (24.5 to 24.4) women. Triplet/+ birth rates declined 13% among non-Hispanic white women (116.6 per 100,000 to 102.2) but did not decline significantly among either non-Hispanic black (119.7 to 119.2) or Hispanic women (68.3 to 64.7) (Table 24; see also Tables 13 and 14 for 2018 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, 2010–2018, and by race and Hispanic origin, United States, 2016–2018

[Birth rates are births per 1,000 population in specified group. Fertility rates are births per 1,000 women aged 15–44 years 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 ¹			
2018.....	3,791,712	11.6	59.1
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 ²			
White:			
2018.....	1,956,413	10.0	56.3
2017.....	1,992,461	10.2	57.2
2016.....	2,056,332	10.5	58.8
Black:			
2018.....	552,029	13.6	62.0
2017.....	560,715	13.9	63.1
2016.....	558,622	14.0	63.3
American Indian or Alaska Native:			
2018.....	29,092	12.2	57.7
2017.....	29,957	12.6	59.5
2016.....	31,452	13.3	62.7
Asian:			
2018.....	240,798	13.2	55.6
2017.....	249,250	13.8	58.0
2016.....	254,471	14.6	61.1
Native Hawaiian or Other Pacific Islander:			
2018.....	9,476	16.6	73.0
2017.....	9,426	16.7	72.8
2016.....	9,342	16.8	72.9
Hispanic ³			
2018.....	886,210	14.8	65.9
2017.....	898,764	15.2	67.6
2016.....	918,447	16.0	70.6

¹Includes 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.

²Race 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 this report. Single race is defined as only one race reported on the birth certificate.

³Includes 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, 2010–2018, and by age and race and Hispanic origin of mother, United States, 2016–2018

[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									
		10–14	15–19			20–24	25–29	30–34	35–39	40–44	45–49 ¹
			Total	15–17	18–19						
All races and origins²											
2018.....	1,729.5	0.2	17.4	7.2	32.3	68.0	95.3	99.7	52.6	11.8	0.9
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
Non-Hispanic, single race³											
White:											
2018.....	1,640.0	0.1	12.1	4.1	23.6	57.8	92.9	103.1	51.1	10.2	0.7
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
Black:											
2018.....	1,792.0	0.4	26.3	11.9	46.9	90.0	97.1	84.1	47.1	12.3	1.1
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
American Indian or Alaska Native:											
2018.....	1,650.5	0.2	29.7	13.5	52.9	87.7	94.4	73.2	36.1	8.3	0.5
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
Asian:											
2018.....	1,525.0	*	2.8	1.0	5.4	24.1	73.0	116.5	70.7	16.1	1.8
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
Native Hawaiian or Other Pacific Islander:											
2018.....	2,106.5	*	26.5	8.2	53.7	118.5	118.9	91.9	49.2	15.4	*
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	*
Hispanic⁴											
2018.....	1,959.0	0.3	26.7	12.4	48.5	89.3	108.9	96.6	54.5	14.5	1.0
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

* Estimate does not meet NCHS standards of reliability.

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

²Includes 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.

³Race 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.

⁴Includes 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, 2018

[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												
			Total	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54
All races and origins ¹	3,791,712	1,736	179,871	4,953	13,088	26,250	50,088	85,492	726,175	1,099,491	1,090,697	566,786	117,381	8,616	959
1st child	1,433,915	1,712	151,440	4,842	12,458	23,863	42,670	67,607	383,388	409,940	332,492	127,893	24,364	2,375	311
2nd child	1,208,762	16	24,506	91	586	2,196	6,535	15,098	231,051	362,863	370,337	185,345	32,257	2,154	233
3rd child	651,049	1	3,122	4	18	136	714	2,250	81,852	200,639	214,401	125,246	24,191	1,457	140
4th child	283,877	-	332	-	4	7	45	276	21,454	81,158	99,793	64,469	15,597	957	117
5th child	111,885	-	42	-	-	1	14	27	4,966	27,694	39,788	30,271	8,481	573	70
6th child	47,066	-	12	-	1	-	1	10	1,061	9,304	17,144	14,609	4,557	343	36
7th child	21,456	-	4	-	-	-	-	4	248	3,034	7,649	7,646	2,644	208	23
8th child and over	23,095	-	13	-	-	-	2	11	237	1,695	6,061	9,687	4,869	505	28
Not stated	10,607	7	400	16	21	47	107	209	1,918	3,164	3,032	1,620	421	44	1
Non-Hispanic, single race ²															
White	1,956,413	337	64,917	1,244	3,555	8,237	17,848	34,033	326,575	576,811	624,015	304,062	55,417	3,875	404
1st child	768,672	330	55,599	1,224	3,433	7,619	15,560	27,763	179,304	238,135	205,709	74,987	13,255	1,203	150
2nd child	651,254	4	8,189	19	109	573	2,063	5,425	103,311	192,901	223,283	105,807	16,587	1,053	119
3rd child	320,395	-	880	1	4	28	172	675	33,444	94,689	115,044	65,194	10,494	596	54
4th child	125,198	-	82	-	-	4	9	69	7,643	34,360	47,303	29,496	5,981	300	33
5th child	45,494	-	17	-	-	1	7	9	1,441	10,600	17,486	12,635	3,094	201	20
6th child	18,970	-	2	-	-	-	-	2	274	3,105	7,456	6,294	1,709	117	13
7th child	9,173	-	1	-	-	-	-	1	61	904	3,380	3,583	1,146	89	9
8th child and over	11,599	-	3	-	-	-	1	2	94	524	2,555	5,186	2,943	288	6
Not stated	5,658	3	144	-	9	12	36	87	1,003	1,593	1,799	880	208	28	-
Black	552,029	554	37,715	1,276	3,013	5,709	10,523	17,194	137,974	166,802	124,206	67,268	15,988	1,348	174
1st child	194,089	546	31,512	1,234	2,856	5,172	8,918	13,332	70,246	48,551	27,559	12,438	2,832	337	68
2nd child	157,412	4	5,166	31	146	488	1,375	3,126	42,064	52,505	35,953	17,664	3,726	299	31
3rd child	101,714	-	816	1	5	36	184	590	17,514	35,129	28,655	15,835	3,503	238	24
4th child	52,115	-	109	-	-	1	18	90	5,666	17,876	16,225	9,566	2,490	167	16
5th child	23,576	-	9	-	-	-	3	6	1,606	7,477	7,858	5,172	1,354	90	10
6th child	10,948	-	3	-	-	-	1	2	396	3,024	3,916	2,739	796	68	6
7th child	5,139	-	2	-	-	-	-	2	87	1,099	1,931	1,508	460	43	9
8th child and over	5,504	-	5	-	-	-	-	5	67	664	1,746	2,140	772	100	10
Not stated	1,532	4	93	10	6	12	24	41	328	477	363	206	55	6	-
American Indian or Alaska Native	29,092	19	2,578	103	229	362	743	1,141	7,841	9,146	6,105	2,787	585	29	2
1st child	8,684	19	2,107	99	215	328	603	862	3,454	1,931	815	291	60	6	1
2nd child	7,575	-	406	4	12	31	126	233	2,678	2,605	1,318	481	79	8	-
3rd child	5,586	-	50	-	1	3	12	34	1,183	2,261	1,411	572	107	2	-
4th child	3,422	-	9	-	-	-	1	8	374	1,302	1,113	527	92	5	-
5th child	1,838	-	1	-	-	-	-	1	108	635	688	322	82	2	-
6th child	972	-	1	-	-	-	-	1	19	246	407	235	63	-	1
7th child	475	-	-	-	-	-	-	-	3	87	170	164	49	2	-
8th child and over	462	-	1	-	-	-	-	1	3	49	170	183	52	4	-
Not stated	78	-	3	-	1	-	1	1	19	30	13	12	1	-	-

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, 2018—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							
Non-Hispanic, single race²—Con.															
Asian	240,798	18	1,444	34	92	182	393	743	14,876	57,810	96,385	57,136	11,951	1,055	123
1st child	109,429	16	1,220	34	84	165	329	608	9,807	34,162	43,369	17,113	3,319	383	40
2nd child	90,179	2	190	—	7	14	57	112	3,749	17,094	38,592	25,573	4,603	335	41
3rd child	28,123	—	26	—	—	2	5	19	1,015	4,552	10,088	9,844	2,413	171	14
4th child	8,367	—	5	—	1	—	1	3	211	1,328	2,836	2,925	958	91	13
5th child	2,595	—	—	—	—	—	—	—	60	398	820	937	346	28	6
6th child	994	—	—	—	—	—	—	—	10	134	342	349	133	21	5
7th child	378	—	—	—	—	—	—	—	4	32	119	143	68	10	2
8th child and over	448	—	—	—	—	—	—	—	3	28	116	188	95	16	2
Not stated	285	—	3	—	—	1	1	1	17	82	103	64	16	—	—
Native Hawaiian or Other Pacific															
Islander	9,476	3	516	10	23	62	159	262	2,482	2,887	2,189	1,097	290	12	—
1st child	2,791	3	424	10	22	57	135	200	1,151	712	336	124	39	2	—
2nd child	2,264	—	72	—	1	4	21	46	797	762	419	178	35	1	—
3rd child	1,773	—	14	—	—	—	3	11	349	666	488	207	47	2	—
4th child	1,196	—	1	—	—	—	—	1	124	426	394	193	56	2	—
5th child	672	—	1	—	—	—	—	1	30	190	272	137	41	1	—
6th child	364	—	—	—	—	—	—	—	10	84	136	109	25	—	—
7th child	180	—	—	—	—	—	—	—	—	31	80	50	17	2	—
8th child and over	184	—	—	—	—	—	—	—	—	11	50	91	30	2	—
Not stated	52	—	4	—	—	1	—	3	21	5	14	8	—	—	—
Hispanic³															
Total Hispanic	886,210	730	65,122	2,044	5,574	10,567	18,369	28,568	209,701	253,977	208,193	117,383	29,192	1,787	125
1st child	303,049	724	54,158	2,003	5,283	9,490	15,360	22,022	105,410	75,046	44,923	18,465	3,936	350	37
2nd child	264,775	5	9,498	35	278	1,000	2,635	5,550	70,061	86,821	61,610	30,255	6,164	341	20
3rd child	174,777	1	1,225	1	7	61	316	840	25,259	57,438	53,376	30,248	6,881	331	18
4th child	84,987	—	112	—	2	2	14	94	6,660	23,209	29,120	20,017	5,535	312	22
5th child	33,963	—	12	—	—	—	4	8	1,518	7,414	11,388	10,142	3,274	201	14
6th child	13,213	—	4	—	1	—	—	3	315	2,350	4,327	4,425	1,672	117	3
7th child	5,392	—	1	—	—	—	—	1	78	771	1,719	1,960	810	50	3
8th child and over	4,152	—	3	—	—	—	1	2	62	371	1,223	1,578	830	78	7
Not stated	1,902	—	109	5	3	14	39	48	338	557	507	293	90	7	1

— Quantity zero.

¹Includes 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.

²Race 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 this report. Single race is defined as only one race reported on the birth certificate.

³Includes 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, 2018

[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						20-24	25-29	30-34	35-39	40-44	45-49	50-54
			Total	15	16	17	18	19							
Hispanic															
Total	886,210	730	65,122	2,044	5,574	10,567	18,369	28,568	209,701	253,977	208,193	117,383	29,192	1,787	125
1st child	303,049	724	54,158	2,003	5,283	9,490	15,360	22,022	105,410	75,046	44,923	18,465	3,936	350	37
2nd child	264,775	5	9,498	35	278	1,000	2,635	5,550	70,061	86,821	61,610	30,255	6,164	341	20
3rd child	174,777	1	1,225	1	7	61	316	840	25,259	57,438	53,376	30,248	6,881	331	18
4th child	84,987	-	112	-	2	2	14	94	6,660	23,209	29,120	20,017	5,535	312	22
5th child	33,963	-	12	-	-	-	4	8	1,518	7,414	11,388	10,142	3,274	201	14
6th child	13,213	-	4	-	1	-	-	3	315	2,350	4,327	4,425	1,672	117	3
7th child	5,392	-	1	-	-	-	-	1	78	771	1,719	1,960	810	50	3
8th child and over	4,152	-	3	-	-	-	1	2	62	371	1,223	1,578	830	78	7
Not stated	1,902	-	109	5	3	14	39	48	338	557	507	293	90	7	1
Mexican	495,831	401	38,396	1,224	3,276	6,333	10,753	16,810	122,074	143,052	112,535	62,578	15,845	917	33
1st child	160,303	396	31,850	1,201	3,101	5,692	8,999	12,857	59,784	38,468	20,125	7,862	1,671	137	10
2nd child	141,295	5	5,679	20	171	598	1,556	3,334	41,533	47,795	30,176	13,345	2,616	139	7
3rd child	102,882	-	747	1	4	39	180	523	15,295	34,999	31,313	16,686	3,669	169	4
4th child	54,104	-	76	-	-	1	9	66	4,138	14,721	18,713	12,760	3,515	177	4
5th child	22,025	-	4	-	-	-	-	4	935	4,724	7,411	6,637	2,173	137	4
6th child	8,518	-	1	-	-	-	-	1	192	1,434	2,805	2,881	1,123	81	1
7th child	3,499	-	1	-	-	-	-	1	51	488	1,106	1,293	531	29	-
8th child and over	2,586	-	1	-	-	-	-	1	25	236	739	1,018	519	45	3
Not stated	619	-	37	2	-	3	9	23	121	187	147	96	28	3	-
Puerto Rican	71,614	51	5,511	136	419	785	1,534	2,637	19,577	21,578	15,055	7,910	1,824	91	17
1st child	27,045	51	4,636	134	400	718	1,288	2,096	10,207	6,553	3,697	1,542	331	22	6
2nd child	22,147	-	770	2	17	63	217	471	6,218	7,443	4,742	2,461	489	21	3
3rd child	12,705	-	86	-	-	2	21	63	2,286	4,653	3,467	1,794	400	17	2
4th child	5,553	-	3	-	1	-	-	2	623	1,864	1,734	1,038	265	20	6
5th child	2,265	-	3	-	-	-	3	-	149	651	771	533	154	4	-
6th child	954	-	1	-	1	-	-	-	36	242	325	273	75	2	-
7th child	394	-	-	-	-	-	-	-	8	79	141	123	43	-	-
8th child and over	361	-	-	-	-	-	-	-	9	32	135	122	58	5	-
Not stated	190	-	12	-	-	2	5	5	41	61	43	24	9	-	-
Cuban	23,471	2	725	11	48	101	207	358	3,878	7,331	7,426	3,280	770	56	3
1st child	10,976	2	643	11	47	97	187	301	2,623	3,624	2,920	953	186	23	2
2nd child	8,249	-	70	-	1	4	15	50	948	2,553	2,992	1,365	307	14	-
3rd child	2,789	-	9	-	-	-	3	6	216	761	1,022	606	167	8	-
4th child	801	-	-	-	-	-	-	-	46	221	274	205	49	6	-
5th child	260	-	-	-	-	-	-	-	15	62	82	78	22	1	-
6th child	102	-	-	-	-	-	-	-	3	19	39	28	13	-	-
7th child	50	-	-	-	-	-	-	-	-	13	18	12	7	-	-
8th child and over	54	-	-	-	-	-	-	-	4	7	19	11	11	2	-
Not stated	190	-	3	-	-	-	2	1	23	71	60	22	8	2	1

See footnotes at end of table.

Table 4. Births, by age (years) of mother, live-birth order, and Hispanic origin of mother: United States, 2018—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 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							
Hispanic—Con.															
Dominican	32,072	9	1,655	52	127	248	470	758	6,891	9,990	7,837	4,512	1,073	94	11
1st child	12,726	9	1,459	50	121	229	419	640	4,338	3,931	1,998	791	172	25	3
2nd child	10,861	—	172	2	5	16	44	105	1,921	3,811	3,005	1,600	323	26	3
3rd child	5,826	—	23	—	1	3	7	12	505	1,689	1,896	1,360	327	24	2
4th child	1,794	—	—	—	—	—	—	—	96	391	666	475	150	15	1
5th child	512	—	—	—	—	—	—	—	14	100	157	171	67	3	—
6th child	159	—	—	—	—	—	—	—	5	27	49	60	18	—	—
7th child	63	—	—	—	—	—	—	—	1	13	16	27	6	—	—
8th child and over	51	—	—	—	—	—	—	—	—	4	18	18	8	1	2
Not stated	80	—	1	—	—	—	—	1	11	24	32	10	2	—	—
Central and South American	147,430	147	8,837	301	801	1,473	2,588	3,674	27,040	38,213	40,173	25,755	6,789	441	35
1st child	50,072	147	7,358	293	766	1,298	2,180	2,821	13,735	12,557	10,224	4,860	1,076	102	13
2nd child	47,566	—	1,286	6	33	161	358	728	9,343	13,978	13,290	7,786	1,787	91	5
3rd child	28,914	—	140	—	—	7	31	102	3,105	7,784	9,565	6,567	1,666	82	5
4th child	12,451	—	8	—	1	1	—	6	600	2,722	4,420	3,588	1,044	66	3
5th child	4,832	—	1	—	—	—	—	1	113	730	1,663	1,701	581	38	5
6th child	1,788	—	1	—	—	—	—	1	17	208	535	700	301	25	1
7th child	651	—	—	—	—	—	—	—	5	44	190	250	147	14	1
8th child and over	522	—	1	—	—	—	—	1	14	31	107	191	155	21	2
Not stated	634	—	42	2	1	6	19	14	108	159	179	112	32	2	—
Other and unknown Hispanic	115,792	120	9,998	320	903	1,627	2,817	4,331	30,241	33,813	25,167	13,348	2,891	188	26
1st child	41,927	119	8,212	314	848	1,456	2,287	3,307	14,723	9,913	5,959	2,457	500	41	3
2nd child	34,657	—	1,521	5	51	158	445	862	10,098	11,241	7,405	3,698	642	50	2
3rd child	21,661	1	220	—	2	10	74	134	3,852	7,552	6,113	3,235	652	31	5
4th child	10,284	—	25	—	—	—	5	20	1,157	3,290	3,313	1,951	512	28	8
5th child	4,069	—	4	—	—	—	1	3	292	1,147	1,304	1,022	277	18	5
6th child	1,692	—	1	—	—	—	—	1	62	420	574	483	142	9	1
7th child	735	—	—	—	—	—	—	—	13	134	248	255	76	7	2
8th child and over	578	—	1	—	—	—	—	1	10	61	205	218	79	4	—
Not stated	189	—	14	1	2	3	4	4	34	55	46	29	11	—	—

— 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 this 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, 2018

[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 years. 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 ¹
			Total	15–17	18–19							
All races and origins ²	59.1	0.2	17.4	7.2	32.3	68.0	95.3	99.7	52.6	11.8	0.9	
1st child	22.4	0.2	14.7	6.7	26.4	36.0	35.6	30.5	11.9	2.5	0.3	
2nd child	18.9	*	2.4	0.5	5.2	21.7	31.5	33.9	17.3	3.3	0.2	
3rd child	10.2	*	0.3	0.0	0.7	7.7	17.4	19.6	11.7	2.4	0.2	
4th child	4.4	*	0.0	*	0.1	2.0	7.1	9.1	6.0	1.6	0.1	
5th child	1.7	*	0.0	*	0.0	0.5	2.4	3.6	2.8	0.9	0.1	
6th and 7th child	1.1	*	*	*	*	0.1	1.1	2.3	2.1	0.7	0.1	
8th child and over	0.4	*	*	*	*	0.0	0.1	0.6	0.9	0.5	0.1	
Non-Hispanic, single race ³												
White	56.3	0.1	12.1	4.1	23.6	57.8	92.9	103.1	51.1	10.2	0.7	
1st child	22.2	0.1	10.4	3.9	19.7	31.8	38.5	34.1	12.7	2.4	0.2	
2nd child	18.8	*	1.5	0.2	3.4	18.3	31.2	36.9	17.8	3.0	0.2	
3rd child	9.2	*	0.2	0.0	0.4	5.9	15.3	19.0	11.0	1.9	0.1	
4th child	3.6	*	0.0	*	0.0	1.4	5.6	7.8	5.0	1.1	0.1	
5th child	1.3	*	*	*	*	0.3	1.7	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	62.0	0.4	26.3	11.9	46.9	90.0	97.1	84.1	47.1	12.3	1.1	
1st child	21.9	0.4	22.0	11.0	37.7	45.9	28.4	18.8	8.8	2.2	0.3	
2nd child	17.7	*	3.6	0.8	7.6	27.5	30.7	24.4	12.4	2.9	0.2	
3rd child	11.5	*	0.6	0.0	1.3	11.4	20.5	19.4	11.1	2.7	0.2	
4th child	5.9	*	0.1	*	0.2	3.7	10.4	11.0	6.7	1.9	0.1	
5th child	2.7	*	*	*	*	1.0	4.4	5.3	3.6	1.0	0.1	
6th and 7th child	1.8	*	*	*	*	0.3	2.4	4.0	3.0	1.0	0.1	
8th child and over	0.6	*	*	*	*	0.0	0.4	1.2	1.5	0.6	0.1	
American Indian or Alaska Native	57.7	0.2	29.7	13.5	52.9	87.7	94.4	73.2	36.1	8.3	0.5	
1st child	17.3	0.2	24.3	12.6	41.1	38.7	20.0	9.9	3.8	0.9	*	
2nd child	15.1	*	4.7	0.9	10.2	30.0	27.0	15.8	6.2	1.1	*	
3rd child	11.1	*	0.6	*	1.3	13.3	23.4	16.9	7.4	1.5	*	
4th child	6.8	*	*	*	*	4.2	13.4	13.3	6.9	1.3	*	
5th child	3.7	*	*	*	*	1.2	6.5	8.3	4.2	1.1	*	
6th and 7th child	2.9	*	*	*	*	0.2	3.5	6.9	5.2	1.6	*	
8th child and over	0.9	*	*	*	*	*	0.5	2.0	2.4	0.7	*	

Table 5. Birth rates, by age of mother, live-birth order, and race and Hispanic origin of mother: United States, 2018—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 years. 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 ¹
			Total	15–17	18–19						
Non-Hispanic, single race³—Con.											
Asian	55.6	*	2.8	1.0	5.4	24.1	73.0	116.5	70.7	16.1	1.8
1st child	25.2	*	2.4	1.0	4.5	15.9	43.0	52.4	21.2	4.5	0.6
2nd child	20.8	*	0.4	0.1	0.8	6.1	21.6	46.6	31.5	6.1	0.6
3rd child	6.5	*	0.1	*	0.1	1.7	5.8	12.3	12.2	3.3	0.3
4th child	2.0	*	*	*	*	0.3	1.7	3.5	3.7	1.3	0.2
5th child	0.6	*	*	*	*	0.1	0.5	1.0	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	0.0
Native Hawaiian or Other Pacific Islander											
1st child	21.7	*	21.9	7.8	42.9	55.4	29.7	14.3	5.8	2.1	*
2nd child	17.7	*	3.8	*	8.7	38.4	31.5	18.2	8.2	2.0	*
3rd child	13.7	*	*	*	*	16.8	27.5	20.6	9.5	2.4	*
4th child	9.2	*	*	*	*	6.0	17.4	16.6	8.5	3.0	*
5th child	5.2	*	*	*	*	1.4	7.7	11.3	6.1	2.2	*
6th and 7th child	4.2	*	*	*	*	*	4.7	8.8	7.1	2.2	*
8th child and over	1.4	*	*	*	*	*	*	2.1	4.1	1.6	*
Hispanic⁴											
Total	65.9	0.3	26.7	12.4	48.5	89.3	108.9	96.6	54.5	14.5	1.0
1st child	22.6	0.3	22.3	11.4	38.7	45.0	32.2	20.9	8.6	2.0	0.2
2nd child	19.7	*	3.9	0.9	8.5	29.9	37.3	28.6	14.1	3.1	0.2
3rd child	13.0	*	0.5	0.0	1.2	10.8	24.7	24.8	14.1	3.4	0.2
4th child	6.3	*	0.0	*	0.1	2.8	10.0	13.5	9.3	2.8	0.2
5th child	2.5	*	*	*	*	0.6	3.2	5.3	4.7	1.6	0.1
6th and 7th child	1.4	*	*	*	*	0.2	1.3	2.8	3.0	1.2	0.1
8th child and over	0.3	*	*	*	*	0.0	0.2	0.6	0.7	0.4	0.0

* Estimate does not meet NCHS standards of reliability.

0.0 Quantity more than zero but less than 0.05.

¹Birth rates computed by relating births to women aged 45 years and over to women aged 15–44 years; see Technical Notes in this report.

²Includes 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.

³Race 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.

⁴Includes 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, 2018

[By place of residence]

Area	All races and origins ²	Non-Hispanic, single race ¹					Hispanic ³
		White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	
United States ⁴	3,791,712	1,956,413	552,029	29,092	240,798	9,476	886,210
Alabama	57,761	33,776	17,597	148	903	46	4,403
Alaska	10,086	5,057	280	1,873	641	299	807
Arizona	80,723	32,805	4,305	4,155	2,908	248	34,084
Arkansas	37,018	23,609	6,966	220	775	498	4,099
California	454,920	123,139	22,380	1,411	68,444	1,732	211,271
Colorado	62,885	36,466	3,032	352	2,496	155	17,817
Connecticut	34,725	18,488	4,423	38	2,232	5	8,762
Delaware	10,621	5,171	2,773	10	634	4	1,710
District of Columbia	9,212	3,040	4,252	15	444	2	1,296
Florida	221,542	95,868	48,174	261	6,996	152	67,201
Georgia	126,172	55,676	43,746	102	5,768	104	17,432
Hawaii	16,972	3,288	424	33	4,366	1,706	2,580
Idaho	21,403	16,574	233	220	348	65	3,549
Illinois	144,815	77,244	24,482	97	9,452	32	30,362
Indiana	81,646	59,520	10,242	73	2,382	59	7,867
Iowa	37,785	29,327	2,615	152	1,176	149	3,694
Kansas	36,261	25,323	2,575	151	1,228	66	5,977
Kentucky	53,922	43,317	4,950	68	1,144	79	3,226
Louisiana	59,615	30,458	22,119	299	1,156	32	4,717
Maine	12,311	11,022	546	96	202	3	224
Maryland	71,080	29,585	21,893	83	4,928	31	12,470
Massachusetts	69,109	39,663	6,826	53	6,183	23	13,810
Michigan	110,032	74,777	20,558	412	4,395	34	7,139
Minnesota	67,344	46,014	8,207	983	5,298	57	4,991
Mississippi	37,000	18,597	15,797	221	411	17	1,666
Missouri	73,269	53,697	10,589	140	1,698	199	4,409
Montana	11,513	9,224	58	1,162	112	15	558
Nebraska	25,488	17,645	1,739	318	925	24	4,155
Nevada	35,682	13,021	4,564	280	2,613	340	13,307
New Hampshire	11,995	10,317	241	7	472	6	745
New Jersey	101,223	45,500	13,886	40	11,452	27	27,597
New Mexico	23,039	6,450	387	2,590	409	13	12,783
New York	226,238	110,840	33,145	395	24,383	50	51,755
North Carolina	118,954	63,514	27,670	1,448	4,834	151	18,360
North Dakota	10,636	7,816	609	828	250	16	635
Ohio	135,134	97,423	22,201	96	4,285	73	7,432
Oklahoma	49,800	28,444	4,136	4,557	1,306	214	7,545
Oregon	42,188	28,265	959	388	2,260	309	7,993
Pennsylvania	135,673	90,862	17,779	74	6,207	54	15,826
Rhode Island	10,506	6,008	783	36	519	5	2,756
South Carolina	56,669	31,890	16,681	106	1,172	50	5,255
South Dakota	11,893	8,481	416	1,645	224	7	661
Tennessee	80,751	53,256	15,921	79	1,877	69	7,824
Texas	378,624	125,549	48,144	721	19,850	487	179,142
Utah	47,209	34,303	521	418	1,131	468	8,133
Vermont	5,432	4,934	118	11	152	1	121
Virginia	99,843	54,798	20,860	157	7,625	103	14,397
Washington	86,085	49,019	3,922	1,166	8,729	1,159	16,073
West Virginia	18,248	16,621	626	14	176	2	378
Wisconsin	64,098	45,654	6,622	678	3,155	29	6,365
Wyoming	6,562	5,078	57	212	72	7	851

Table 6. Births, by race and Hispanic origin of mother: United States, each state and territory, 2018—Con.

[By place of residence]

Area	All races and origins ²	Non-Hispanic, single race ¹					Hispanic ³
		White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	
Puerto Rico	21,424	480	49	3	30	—	20,837
Virgin Islands	---	---	---	---	---	---	---
Guam	3,165	170	23	6	719	2,096	25
American Samoa	---	---	---	---	---	---	---
Northern Marianas	566	13	—	—	162	377	—

— Quantity zero.

--- Data not available.

¹Race 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 this report. Single race is defined as only one race reported on the birth certificate.

²Includes 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.

³Includes all persons of Hispanic origin of any race; see Technical Notes.

⁴Excludes 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, 2018

[By place of residence]

Area	Total	Mexican	Puerto Rican	Cuban	Dominican	Central and South American	Other and unknown Hispanic
United States ¹	886,210	495,831	71,614	23,471	32,072	147,430	115,792
Alabama	4,403	2,517	243	50	38	1,440	115
Alaska	807	427	117	15	41	93	114
Arizona	34,084	29,499	639	218	68	1,389	2,271
Arkansas	4,099	2,893	148	31	17	669	341
California	211,271	155,578	1,951	795	160	17,538	35,249
Colorado	17,817	11,135	522	191	43	1,393	4,533
Connecticut	8,762	715	4,261	114	837	2,354	481
Delaware	1,710	605	441	18	62	494	90
District of Columbia	1,296	160	38	13	47	820	218
Florida	67,201	10,931	13,649	14,833	3,085	22,981	1,722
Georgia	17,432	10,082	1,296	337	325	4,540	852
Hawaii	2,580	753	871	25	19	174	738
Idaho	3,549	2,718	76	15	7	223	510
Illinois	30,362	24,549	2,219	255	123	2,541	675
Indiana	7,867	5,483	515	71	62	1,161	575
Iowa	3,694	2,726	137	44	15	612	160
Kansas	5,977	4,331	196	50	15	785	600
Kentucky	3,226	1,497	257	362	27	765	318
Louisiana	4,717	1,181	202	132	138	2,317	747
Maine	224	72	60	11	12	55	14
Maryland	12,470	1,688	721	126	400	8,535	1,000
Massachusetts	13,810	484	4,548	146	2,978	3,972	1,682
Michigan	7,139	4,121	526	127	106	820	1,439
Minnesota	4,991	3,319	219	60	30	1,105	258
Mississippi	1,666	861	115	19	26	513	132
Missouri	4,409	2,575	263	119	45	844	563
Montana	558	342	27	6	2	40	141
Nebraska	4,155	2,742	80	121	9	996	207
Nevada	13,307	9,849	418	457	62	1,578	943
New Hampshire	745	94	219	24	121	151	136
New Jersey	27,597	4,251	6,179	710	5,194	9,968	1,295
New Mexico	12,783	6,605	102	58	14	185	5,819
New York	51,755	7,020	11,090	667	12,786	16,534	3,658
North Carolina	18,360	9,637	1,734	352	506	5,114	1,017
North Dakota	635	400	69	12	6	68	80
Ohio	7,432	3,025	1,900	126	195	1,651	535
Oklahoma	7,545	5,726	249	54	19	849	648
Oregon	7,993	6,760	196	74	13	679	271
Pennsylvania	15,826	2,181	7,444	278	2,506	2,226	1,191
Rhode Island	2,756	135	691	19	943	829	139
South Carolina	5,255	2,499	605	122	121	1,518	390
South Dakota	661	354	58	12	9	151	77
Tennessee	7,824	4,188	448	142	76	2,448	522
Texas	179,142	124,114	2,725	1,571	375	16,160	34,197
Utah	8,133	5,033	174	35	66	1,552	1,273
Vermont	121	27	27	3	5	37	22
Virginia	14,397	3,024	1,276	223	210	4,439	5,225
Washington	16,073	12,045	521	143	45	1,459	1,860
West Virginia	378	149	63	12	8	80	66
Wisconsin	6,365	4,208	1,059	69	50	523	456
Wyoming	851	523	30	4	5	62	227
Puerto Rico	20,837	33	20,261	11	413	108	11
Virgin Islands	---	---	---	---	---	---	---
Guam	25	12	2	-	2	4	5
American Samoa	---	---	---	---	---	---	---
Northern Marianas	-	-	-	-	-	-	-

--- Data not available.

- Quantity zero.

¹Excludes 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 this report.

SOURCE: NCHS, National Vital Statistics System, Natality.

Table 8. Birth rates, by age of mother: United States, each state and territory, 2018

[By place of residence. Fertility rates are births per 1,000 women aged 15-44 years; 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)									
				15-19 years									
				10-14	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49 ¹
United States ²	11.6	59.1	1,729.5	0.2	17.4	7.2	32.3	68.0	95.3	99.7	52.6	11.8	0.9
Alabama	11.8	60.9	1,786.5	0.2	25.2	10.6	46.7	94.5	107.5	86.3	36.3	6.9	0.4
Alaska	13.7	69.3	1,965.5	*	19.3	5.6	43.9	96.4	109.9	101.7	52.7	12.5	*
Arizona	11.3	58.6	1,722.0	0.1	20.1	8.9	36.2	75.7	97.9	92.1	46.8	10.9	0.8
Arkansas	12.3	64.0	1,879.5	0.3	30.4	12.1	57.7	106.5	112.4	83.9	35.3	6.8	0.3
California	11.5	56.2	1,632.0	0.1	13.6	5.7	25.2	53.6	78.8	98.8	63.8	16.1	1.6
Colorado	11.0	54.1	1,557.0	*	14.3	6.1	26.4	58.2	81.1	93.5	52.1	11.3	0.8
Connecticut	9.7	51.8	1,570.5	*	8.3	3.1	15.2	37.1	82.3	109.1	62.4	13.9	0.9
Delaware	11.0	59.1	1,724.0	*	16.7	7.1	29.4	68.5	93.9	102.9	51.0	10.8	0.8
District of Columbia	13.1	48.8	1,346.5	*	19.3	16.0	21.5	43.0	40.9	71.3	69.6	21.7	3.1
Florida	10.4	57.2	1,674.0	0.2	16.7	6.7	31.8	66.6	92.2	95.1	51.3	11.9	0.8
Georgia	12.0	58.3	1,729.0	0.2	20.6	8.8	38.3	78.3	97.2	92.1	46.3	10.4	0.7
Hawaii	11.9	64.2	1,847.0	*	17.2	7.0	33.5	76.4	95.9	97.9	63.0	17.3	1.5
Idaho	12.2	63.4	1,899.0	*	16.0	5.6	32.5	93.3	120.4	96.3	44.5	8.6	0.6
Illinois	11.4	57.5	1,690.0	0.1	15.8	6.5	30.1	58.8	89.4	104.7	56.3	12.1	0.8
Indiana	12.2	62.8	1,853.5	0.2	21.8	8.3	41.6	84.0	115.8	98.9	41.0	8.5	0.5
Iowa	12.0	63.5	1,897.5	*	15.3	6.6	27.1	65.6	131.2	113.9	44.7	8.2	0.5
Kansas	12.5	64.7	1,915.0	*	20.0	8.0	37.7	77.0	122.1	108.5	45.9	8.9	0.5
Kentucky	12.1	63.5	1,871.5	0.2	27.3	10.6	51.9	97.5	110.5	92.8	38.8	6.8	0.4
Louisiana	12.8	64.3	1,862.5	0.4	27.5	11.2	52.8	99.6	108.5	87.6	40.2	8.3	0.4
Maine	9.2	53.3	1,577.5	*	11.1	4.3	20.9	62.2	94.5	94.9	43.5	8.8	*
Maryland	11.8	59.9	1,745.0	0.2	14.1	6.0	26.0	55.5	91.3	109.3	62.5	14.8	1.3
Massachusetts	10.0	49.5	1,449.5	*	7.2	3.0	12.1	30.4	64.1	105.1	67.0	15.1	0.9
Michigan	11.0	58.5	1,725.0	0.1	15.8	5.9	30.1	63.6	104.0	105.6	45.9	9.4	0.6
Minnesota	12.0	62.7	1,829.0	0.1	10.2	3.8	20.0	51.4	110.9	123.6	57.4	11.2	1.0
Mississippi	12.4	62.8	1,842.0	0.5	27.8	12.1	50.1	105.6	114.6	80.0	33.4	6.2	0.3
Missouri	12.0	62.4	1,818.5	0.2	21.6	8.6	41.0	81.9	110.2	97.7	42.8	8.8	0.5
Montana	10.8	59.6	1,733.0	*	17.2	6.7	33.5	70.3	106.1	99.9	44.1	8.4	*
Nebraska	13.2	68.4	2,031.0	*	16.7	6.7	31.3	68.4	133.6	123.8	52.6	10.3	0.7
Nevada	11.8	60.0	1,752.5	*	20.5	8.2	42.1	85.6	94.4	87.6	49.2	12.1	1.0
New Hampshire	8.8	49.1	1,465.5	*	8.0	2.8	14.8	38.8	84.4	101.9	50.0	9.2	0.7
New Jersey	11.4	60.1	1,784.5	0.1	10.3	4.2	20.2	47.5	87.4	122.6	71.1	16.6	1.3
New Mexico	11.0	58.0	1,700.0	*	25.3	11.1	46.7	83.3	101.0	80.2	40.4	9.0	0.5
New York	11.6	57.9	1,666.5	0.1	11.7	4.8	21.2	52.2	78.2	102.9	68.4	18.1	1.7
North Carolina	11.5	58.4	1,728.5	0.2	18.7	7.9	33.8	75.1	97.9	96.5	47.1	9.6	0.6
North Dakota	14.0	72.2	2,033.5	*	16.4	7.5	28.0	67.9	134.1	125.7	52.1	9.6	*
Ohio	11.6	61.1	1,791.5	0.2	18.9	7.5	35.7	77.6	105.8	101.9	44.7	8.6	0.6
Oklahoma	12.6	64.6	1,884.5	0.2	27.2	10.7	52.4	98.6	114.9	90.8	37.2	7.6	0.4
Oregon	10.1	51.4	1,490.0	*	13.3	5.0	25.7	56.7	81.2	87.8	47.1	11.1	0.7
Pennsylvania	10.6	56.9	1,665.0	0.2	14.1	6.4	24.3	59.3	93.7	103.5	51.3	10.2	0.7
Rhode Island	9.9	50.5	1,493.0	*	11.5	6.1	17.0	42.5	79.3	97.0	54.7	13.1	*
South Carolina	11.1	58.1	1,705.0	0.2	22.0	9.1	40.1	79.1	98.6	90.0	42.3	8.3	0.5
South Dakota	13.5	73.6	2,154.5	*	20.4	9.9	35.6	81.5	144.8	125.6	49.6	8.1	*
Tennessee	11.9	61.1	1,781.0	0.3	25.3	9.5	49.7	88.7	101.7	90.1	41.6	8.0	0.5
Texas	13.2	63.4	1,870.0	0.3	25.3	11.4	47.1	86.0	104.7	96.7	49.1	11.1	0.8
Utah	14.9	68.4	2,026.5	*	13.1	4.9	26.2	78.3	132.7	117.3	51.6	11.4	0.8
Vermont	8.7	47.2	1,443.5	*	8.8	2.5	15.2	37.8	85.5	96.9	49.6	9.4	*
Virginia	11.7	59.1	1,733.5	0.2	14.3	5.7	26.2	61.4	93.8	105.4	57.7	12.8	1.1
Washington	11.4	57.5	1,642.5	*	12.7	4.8	25.0	61.3	86.5	98.6	55.5	12.8	1.0
West Virginia	10.1	57.2	1,709.5	*	25.4	8.4	50.4	94.3	105.0	79.4	31.4	5.7	0.5
Wisconsin	11.0	58.9	1,757.0	0.1	13.0	5.0	24.4	56.1	109.4	113.7	49.2	9.4	0.5
Wyoming	11.4	61.0	1,787.5	*	20.8	6.3	43.6	83.8	113.7	91.5	37.8	9.1	*

Table 8. Birth rates, by age of mother: United States, each state and territory, 2018—Con.

[By place of residence. Fertility rates are births per 1,000 women aged 15-44 years; 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 ¹
					Total	15-17	18-19						
Puerto Rico	6.7	34.8	1,035.0	*	19.3	9.8	32.4	62.2	56.8	42.8	21.0	4.5	0.3
Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---	---
Guam	18.9	96.1	2,846.5	*	34.4	15.1	64.0	135.7	157.9	137.1	82.5	19.8	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	10.9	63.0	2,104.0	*	28.3	*	58.4	87.1	115.5	131.5	47.8	*	*

* Estimate does not meet NCHS standards of reliability.

--- Data not available.

¹Birth rates computed by relating births to women aged 45 and over to women aged 45-49; see Technical Notes in this report.

²Excludes data for the territories.

NOTE: 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, 2018

Age (years) of mother	All races and origins ²	Non-Hispanic, single race ¹					
		White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	Hispanic ³
				Number			
All ages	1,503,361	551,217	383,364	19,853	28,191	4,776	459,242
Under 15	1,733	336	554	19	17	3	729
15-19	161,547	55,719	36,839	2,429	1,008	465	58,055
15-17	42,974	12,443	9,950	683	263	89	17,599
18-19	118,573	43,276	26,889	1,746	745	376	40,456
20-24	479,425	182,007	122,286	6,172	5,103	1,639	142,699
25-29	437,867	160,778	120,229	6,024	8,351	1,372	125,361
30-34	261,055	94,865	66,381	3,475	7,532	821	79,267
35-39	128,958	46,157	30,209	1,418	4,690	384	41,704
40 and over	32,776	11,355	6,866	316	1,490	92	11,427
				Percent			
All ages	39.6	28.2	69.4	68.2	11.7	50.4	51.8
Under 15	99.8	99.7	100.0	*	*	*	99.9
15-19	89.8	85.8	97.7	94.2	69.8	90.1	89.1
15-17	97.0	95.5	99.5	98.4	85.4	93.7	96.8
18-19	87.5	83.4	97.0	92.7	65.6	89.3	86.2
20-24	66.0	55.7	88.6	78.7	34.3	66.0	68.0
25-29	39.8	27.9	72.1	65.9	14.4	47.5	49.4
30-34	23.9	15.2	53.4	56.9	7.8	37.5	38.1
35-39	22.8	15.2	44.9	50.9	8.2	35.0	35.5
40 and over	25.8	19.0	39.2	51.3	11.3	30.5	36.7

* Estimate does not meet NCHS standards of reliability.

¹Race 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 this report. Single race is defined as only one race reported on the birth certificate.

²Includes 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.

³Includes all persons of Hispanic origin of any race; see Technical Notes.

NOTE: For New York, mother's marital status is inferred; see reference 10 in this report.

SOURCE: NCHS, National Vital Statistics System, Natality.

Table 10. Birth rates for unmarried women: United States, 2010–2018, and by age and race and Hispanic origin of mother, United States, 2016–2018

[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 ¹	Age of mother (years)							
		Total	15–19		20–24	25–29	30–34	35–39	40–44 ²
			15–17	18–19					
All races and origins³									
2018.....	40.1	16.0	7.1	29.2	52.2	62.8	59.5	35.2	10.6
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
Non-Hispanic, single race⁴									
White:									
2018.....	28.8	10.6	4.0	20.3	37.6	45.7	43.9	25.9	7.5
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
Black:									
2018.....	56.4	26.1	12.0	46.1	85.0	85.9	68.2	35.6	9.7
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
Hispanic⁵									
2018.....	59.5	24.4	12.2	43.4	74.6	95.7	96.1	57.4	20.0
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

¹Rates computed by relating total births to unmarried mothers, regardless of age of mother, to unmarried women aged 15–44 years.²Rates computed by relating births to unmarried women aged 40 years and over to unmarried women aged 40–44 years; see Technical Notes in this report.³Includes 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.⁴Race 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.⁵Includes all persons of Hispanic origin of any race; see Technical Notes.

NOTE: For New York, mother's marital status is inferred; see reference 10 in this report.

SOURCE: NCHS, National Vital Statistics System, Natality.

Table 11. Selected demographic characteristics of births, by race and Hispanic origin of mother: United States, 2018

[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 years. 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 ¹						
	All races and origins ²	White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	Hispanic ³
				Number			
Births	3,791,712	1,956,413	552,029	29,092	240,798	9,476	886,210
				Rate			
Birth rate	11.6	10.0	13.6	12.2	13.2	16.6	14.8
Fertility rate	59.1	56.3	62.0	57.7	55.6	73.0	65.9
Total fertility rate	1,729.5	1,640.0	1,792.0	1,650.5	1,525.0	2,106.5	1,959.0
Unmarried rate	40.1	28.8	56.4	58.2	14.3	82.1	59.5
				Ratio			
Sex ratio ⁴	1,046	1,052	1,029	1,036	1,063	1,022	1,036
				Percent			
All births							
Births to mothers under age 20	4.8	3.3	6.9	8.9	0.6	5.5	7.4
4th and higher-order births ⁵	12.9	10.8	17.7	24.7	5.3	27.5	16.0
Births to unmarried mothers	39.6	28.2	69.4	68.2	11.7	50.4	51.8
Mothers born in the 50 states or District of Columbia	77.2	93.2	83.1	98.9	19.0	35.9	52.9
Educational attainment of mother:							
High school diploma or higher	87.3	93.0	86.8	79.5	93.6	77.3	73.6
Bachelor's degree or higher	33.0	42.5	17.8	9.0	65.1	8.8	14.4
				Mean			
Age (years) of mother at first birth	26.9	27.7	25.1	23.5	30.5	24.7	25.0

¹Race 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 this report. Single race is defined as only one race reported on the birth certificate.

²Includes 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.

³Includes all persons of Hispanic origin of any race; see Technical Notes.

⁴Male births per 1,000 female births.

⁵Based 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, 2018

[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 ¹	Mexican	Puerto Rican	Cuban	Dominican	Central and South American	Other and unknown Hispanic
				Number			
Births	886,210	495,831	71,614	23,471	32,072	147,430	115,792
				Ratio			
Sex ratio ²	1,036	1,034	1,046	1,062	1,033	1,032	1,038
				Percent			
All births							
Births to mothers under age 20	7.4	7.8	7.8	3.1	5.2	6.1	8.7
4th and higher-order births ³	16.0	18.3	13.3	5.4	8.1	13.8	15.0
Mothers born in the 50 states or District of Columbia	52.9	56.9	70.1	43.5	28.3	17.0	79.5
Educational attainment of mother:							
High school diploma or higher	73.6	72.5	84.1	91.8	83.1	61.9	80.1
Bachelor's degree or higher	14.4	11.2	17.0	29.8	20.8	19.1	15.2
				Mean			
Age (years) of mother at first birth	25.0	24.4	24.8	27.7	25.8	26.5	24.7

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

NOTES: In this table, Hispanic women are classified only by place of origin; non-Hispanic women are not shown; see Technical Notes in this 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, 2018

Characteristic	Non-Hispanic, single race ¹						
	All races and origins ²	White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Other Pacific Islander	Hispanic ³
Mother							
Percent							
Prenatal care initiation:							
First trimester	77.5	82.5	67.1	62.6	81.8	51.0	72.7
Late or no care	6.2	4.5	9.9	13.1	4.9	20.2	7.7
Smoked during pregnancy	6.5	9.5	5.2	15.5	0.5	4.4	1.7
Pregnancy resulted from infertility treatment	1.9	2.7	0.7	0.4	3.4	0.5	0.7
Mother received WIC food for herself during this pregnancy ⁴	36.0	23.6	54.6	55.3	20.3	42.1	55.5
Diabetes:							
Pregpregnancy (diagnosis prior to this pregnancy)	0.9	0.8	1.2	2.4	1.0	1.8	1.1
Gestational (diagnosis in this pregnancy)	6.7	6.0	5.2	9.9	12.8	8.6	7.2
Overweight or obese (BMI of 25.0 or over) ⁵	54.7	51.1	64.9	67.5	33.1	73.9	61.7
Induction of labor	27.1	30.3	25.2	29.0	21.7	18.5	22.8
CNM delivery ⁶	9.4	10.0	8.0	20.1	7.5	9.7	9.0
Home birth	1.0	1.5	0.5	0.6	0.3	0.3	0.4
Cesarean delivery (total)	31.9	30.8	36.1	28.7	33.0	31.1	31.6
Low-risk ⁷	25.9	24.9	30.3	22.3	27.6	26.5	25.4
Source of payment for the delivery:							
Medicaid	42.3	30.0	65.3	66.2	24.1	58.9	58.9
Private	49.6	63.3	28.4	20.4	67.0	27.0	29.5
Self-pay	4.2	3.2	2.9	1.9	5.9	6.2	6.8
Other ⁸	3.9	3.5	3.3	11.6	3.0	7.9	4.7
Infant was being breastfed at discharge ⁹	83.5	84.9	72.3	75.2	90.9	79.3	87.1
Infant							
Gestational age:							
Preterm ¹⁰	10.02	9.09	14.13	11.52	8.57	11.79	9.73
Early preterm ¹¹	2.75	2.26	4.90	3.17	2.11	3.59	2.56
Late preterm ¹²	7.28	6.83	9.23	8.35	6.46	8.20	7.17
Birthweight ¹³ :							
Very low birthweight ¹⁴	1.38	1.02	2.92	1.35	1.11	1.48	1.24
Low birthweight ¹⁵	8.28	6.91	14.07	8.00	8.58	8.97	7.49
Twin births ¹⁶	32.6	34.4	40.8	26.1	28.2	26.4	24.4
Triplet or higher-order births ¹⁷	93.0	102.0	119.2	20.6	59.0	158.3	64.7

¹Race 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 this report. Single race is defined as only one race reported on the birth certificate.

²Includes 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.

³Includes all persons of Hispanic origin of any race; see Technical Notes.

⁴WIC is Special Supplemental Nutrition Program for Women, Infants, and Children.

⁵BMI is body mass index.

⁶Births delivered by certified nurse midwives.

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

⁸Other includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity.

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

¹⁰Born before 37 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

¹¹Born before 34 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

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

¹³Equivalents of the gram weights in pounds are shown in the User Guide.

¹⁴Less than 1,500 grams (3 lb 4 oz).

¹⁵Less than 2,500 grams (5 lb 8 oz).

¹⁶Live births in twin deliveries per 1,000 live births.

¹⁷Live 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 or health characteristics of births, by Hispanic origin of mother: United States, 2018

Characteristic	Total	Mexican	Puerto Rican	Cuban	Dominican	Central and South American	Other and unknown Hispanic
Mother							
Percent							
Prenatal care initiation:							
First trimester.....	72.7	72.8	75.4	81.7	73.0	67.7	75.1
Late or no care.....	7.7	7.7	6.2	4.0	7.2	9.6	7.0
Smoked during pregnancy.....	1.7	1.4	5.3	1.8	0.9	0.5	2.3
Pregnancy resulted from infertility treatment.....	0.7	0.5	1.1	1.1	1.0	0.9	0.8
Mother received WIC food for herself during this pregnancy ¹	55.5	56.4	54.8	49.1	58.1	54.2	54.9
Diabetes:							
Prepregnancy (diagnosis prior to this pregnancy).....	1.1	1.2	1.2	0.6	0.8	0.8	1.0
Gestational (diagnosis in this pregnancy).....	7.2	7.7	7.1	6.5	6.5	6.7	6.2
Overweight or obese (BMI of 25.0 or over) ²	61.7	63.9	61.0	51.8	56.5	56.2	62.8
Induction of labor.....	22.8	22.4	25.5	23.3	24.5	21.4	24.2
CNM delivery ³	9.0	8.7	11.4	5.3	8.3	10.3	8.1
Home birth.....	0.4	0.3	0.5	0.5	0.3	0.4	0.5
Cesarean delivery (total).....	31.6	30.2	33.6	45.7	41.1	31.2	31.6
Low-risk ⁴	25.4	23.8	27.2	38.8	29.6	25.9	24.9
Source of payment for the delivery:							
Medicaid.....	58.9	59.9	60.3	51.2	66.1	54.1	59.9
Private.....	29.5	28.5	34.0	44.3	28.3	27.6	30.8
Self-pay.....	6.8	7.0	1.4	1.9	3.2	12.9	3.9
Other ⁵	4.7	4.6	4.3	2.6	2.4	5.4	5.4
Infant was being breastfed at discharge ⁶	87.1	87.2	82.0	90.0	88.8	89.5	85.7
Infant							
Gestational age:							
Preterm ⁷	9.73	9.55	10.87	9.19	9.31	9.25	10.63
Early preterm ⁸	2.56	2.45	3.20	2.60	2.79	2.32	2.82
Late preterm ⁹	7.17	7.10	7.67	6.59	6.52	6.92	7.81
Birthweight ¹⁰ :							
Very low birthweight ¹¹	1.24	1.16	1.67	1.27	1.54	1.15	1.38
Low birthweight ¹²	7.49	7.10	9.39	7.13	8.32	7.02	8.40
Twin births ¹³	24.4	23.0	30.6	28.8	30.0	22.3	27.1
Triplet or higher-order births ¹⁴	64.7	56.9	58.6	25.6	102.9	90.2	66.5

¹WIC is Special Supplemental Nutrition Program for Women, Infants, and Children.

²BMI is body mass index.

³Births delivered by certified nurse midwives.

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

⁵Other includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity.

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

⁷Born before 37 completed weeks of gestation based on the obstetric estimate; see Technical Notes in this report.

⁸Born before 34 completed weeks of gestation based on the obstetric estimate; see Technical Notes.

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

¹⁰Equivalents of the gram weights in pounds are shown in the User Guide.

¹¹Less than 1,500 grams (3 lb 4 oz).

¹²Less than 2,500 grams (5 lb 8 oz).

¹³Live births in twin deliveries per 1,000 live births.

¹⁴Live 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 the 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, 2018

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 ¹				Percent			
3 months before.....	8.4	10.2	12.2	9.7	6.4	5.5	4.4
Anytime during pregnancy.....	6.5	7.6	9.2	7.5	5.0	4.3	3.5
First trimester.....	6.3	7.3	9.0	7.3	4.9	4.2	3.4
Second trimester.....	5.4	5.9	7.5	6.3	4.3	3.7	3.0
Third trimester.....	5.2	5.5	7.1	6.1	4.1	3.5	2.8
Quit before pregnancy ²	24.2	27.5	25.4	23.5	23.2	23.4	22.0
Quit during pregnancy ³	20.2	27.4	23.0	19.2	18.0	17.6	17.9
Non-Hispanic, single race ⁴							
White:							
3 months before.....	12.1	21.6	20.4	13.6	8.2	7.4	6.4
Anytime during pregnancy.....	9.5	16.5	15.9	10.8	6.5	5.8	5.2
First trimester.....	9.3	16.0	15.6	10.6	6.4	5.7	5.1
Second trimester.....	8.1	13.1	13.3	9.3	5.6	5.1	4.5
Third trimester.....	7.7	12.3	12.6	8.9	5.4	4.9	4.3
Quit before pregnancy ²	22.3	25.2	22.9	21.5	22.1	22.2	20.7
Quit during pregnancy ³	18.4	25.3	20.8	17.2	16.3	15.9	16.4
Black:							
3 months before.....	6.8	3.4	6.4	8.0	7.2	6.3	4.7
Anytime during pregnancy.....	5.2	2.5	4.6	6.1	5.8	5.1	3.7
First trimester.....	5.0	2.3	4.5	5.9	5.6	5.0	3.7
Second trimester.....	4.2	1.8	3.5	4.9	4.8	4.2	3.2
Third trimester.....	3.9	1.6	3.2	4.6	4.5	4.0	3.1
Quit before pregnancy ²	25.8	30.9	29.9	26.2	22.7	21.9	22.9
Quit during pregnancy ³	24.6	32.8	29.5	24.7	21.3	21.0	18.3
Hispanic ⁵							
3 months before.....	2.6	2.4	3.2	2.9	2.3	1.9	1.4
Anytime during pregnancy.....	1.7	1.4	1.9	1.9	1.6	1.3	1.0
First trimester.....	1.6	1.4	1.8	1.8	1.5	1.3	1.0
Second trimester.....	1.2	0.9	1.3	1.4	1.2	1.0	0.8
Third trimester.....	1.1	0.8	1.2	1.3	1.1	1.0	0.7
Quit before pregnancy ²	38.7	42.9	42.1	38.3	35.6	35.0	30.5
Quit during pregnancy ³	31.2	40.9	35.7	29.2	28.1	26.3	30.3

Table 15. Mothers who smoked for the 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, 2018—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 ¹				Number			
Total	3,791,712	181,607	726,175	1,099,491	1,090,697	566,786	126,956
Not stated 3 months before	18,048	1,122	3,982	5,457	4,389	2,492	606
Not stated during pregnancy	17,013	991	3,711	5,154	4,206	2,380	571
Quit before pregnancy ² :							
Smokers	317,730	18,386	87,784	105,599	69,562	30,878	5,521
Unknown if quit	587	35	143	195	140	61	13
Quit during pregnancy ³ :							
Smokers	245,290	13,663	66,630	82,155	54,324	24,121	4,397
Unknown if quit	425	38	113	127	102	42	3
Non-Hispanic, single race ⁴							
White:							
Total	1,956,413	65,254	326,575	576,811	624,015	304,062	59,696
Not stated 3 months before	7,417	382	1,581	2,180	1,969	1,079	226
Not stated during pregnancy	7,003	336	1,452	2,055	1,880	1,061	219
Quit before pregnancy ² :							
Smokers	235,717	14,024	66,228	78,086	51,248	22,303	3,828
Unknown if quit	331	24	78	111	74	35	9
Quit during pregnancy ³ :							
Smokers	185,707	10,693	51,774	62,108	40,449	17,605	3,078
Unknown if quit	276	25	77	85	59	28	2
Black:							
Total	552,029	38,269	137,974	166,802	124,206	67,268	17,510
Not stated 3 months before	3,321	234	803	1,068	721	391	104
Not stated during pregnancy	3,209	225	780	1,029	708	368	99
Quit before pregnancy ² :							
Smokers	37,188	1,277	8,727	13,222	8,925	4,221	816
Unknown if quit	94	5	21	27	29	10	2
Quit during pregnancy ³ :							
Smokers	28,549	933	6,341	10,102	7,109	3,415	649
Unknown if quit	72	4	12	23	27	6	–
Hispanic ⁵							
Total	886,210	65,852	209,701	253,977	208,193	117,383	31,104
Not stated 3 months before	4,156	368	1,026	1,210	857	542	153
Not stated during pregnancy	3,718	298	913	1,099	791	483	134
Quit before pregnancy ² :							
Smokers	23,214	1,590	6,613	7,442	4,860	2,269	440
Unknown if quit	79	6	19	30	16	8	–
Quit during pregnancy ³ :							
Smokers	14,740	944	3,961	4,751	3,233	1,528	323
Unknown if quit	28	4	9	9	5	1	–

– Quantity zero.

¹Includes 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.²Quit 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 this report.³Quit 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.⁴Race 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.⁵Includes 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, 2018

Trimester care began and race and Hispanic origin of mother	All ages	Under 20	20–24	25–29	30–34	35–39	40–54
All races and origins¹				Percent			
First trimester	77.5	61.2	70.9	77.7	82.1	81.7	78.2
Second trimester	16.3	27.1	21.0	16.2	13.0	13.4	16.0
Late or no care	6.2	11.7	8.1	6.1	4.9	4.9	5.8
Third trimester	4.5	8.4	5.9	4.4	3.5	3.6	4.2
No care	1.7	3.3	2.3	1.7	1.3	1.4	1.6
				Number			
Total	3,791,712	181,607	726,175	1,099,491	1,090,697	566,786	126,956
Not stated	95,362	5,343	19,977	27,209	25,633	13,934	3,266
Non-Hispanic, single race²				Percent			
White:							
First trimester	82.5	68.5	75.8	82.3	86.1	85.5	82.3
Second trimester	13.1	23.3	18.1	13.2	10.4	10.8	13.1
Late or no care	4.5	8.2	6.1	4.5	3.5	3.7	4.5
Third trimester	3.3	6.3	4.7	3.4	2.6	2.7	3.3
No care	1.1	1.9	1.4	1.1	0.9	1.0	1.2
				Number			
Total	1,956,413	65,254	326,575	576,811	624,015	304,062	59,696
Not stated	41,224	1,481	7,203	11,561	13,007	6,559	1,413
Black:							
First trimester	67.1	54.7	63.7	68.1	70.6	71.6	69.2
Second trimester	23.0	31.1	25.5	22.5	20.4	19.6	21.1
Late or no care	9.9	14.2	10.7	9.4	9.0	8.8	9.7
Third trimester	6.8	9.5	7.1	6.4	6.4	6.1	7.1
No care	3.1	4.7	3.6	3.0	2.7	2.6	2.6
				Number			
Total	552,029	38,269	137,974	166,802	124,206	67,268	17,510
Not stated	21,500	1,585	5,585	6,539	4,531	2,605	655
Hispanic³				Percent			
First trimester	72.7	58.3	68.7	74.4	76.8	76.5	73.9
Second trimester	19.6	28.3	22.1	18.6	17.0	17.4	19.5
Late or no care	7.7	13.4	9.2	7.1	6.2	6.1	6.5
Third trimester	5.4	9.5	6.6	5.0	4.3	4.2	4.7
No care	2.2	3.8	2.6	2.0	1.8	1.9	1.9
				Number			
Total	886,210	65,852	209,701	253,977	208,193	117,383	31,104
Not stated	22,096	1,895	5,449	6,175	4,955	2,880	742

¹Includes 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.

²Race 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 this report. Single race is defined as only one race reported on the birth certificate.

³Includes 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, 2010–2018, and by race and Hispanic origin of mother, United States, 2016–2018

Year and race and Hispanic origin	All births	Vaginal			Cesarean			Cesarean			Vaginal birth after previous cesarean delivery ⁷
		Total ¹	After previous cesarean	Total ²	Primary	Low-risk ³	Not stated	Total ⁴	Primary ⁵	Low-risk ⁶	
All races and origins ⁸		Number						Percent			
2018.....	3,791,712	2,581,992	78,842	1,208,176	693,276	319,022	1,544	31.9	21.7	25.9	13.3
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 ⁹											
White:											
2018.....	1,956,413	1,353,424	38,345	602,361	356,796	164,087	628	30.8	21.4	24.9	13.5
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:											
2018.....	552,029	352,750	12,702	199,117	114,150	49,481	162	36.1	25.2	30.3	13.0
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 ¹⁰											
2018.....	886,210	605,674	19,371	280,386	147,149	67,040	150	31.6	20.1	25.4	12.7
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.

¹Includes unknown type of vaginal delivery; see Technical Notes in this report.

²Includes unknown type of cesarean delivery; see Technical Notes.

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

⁴Percentage of all live births delivered by cesarean.

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

⁶Low-risk cesarean rate is the number of singleton, term (37 or more completed weeks 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.

⁷Vaginal 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.

⁸Includes 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.

⁹Race 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.

¹⁰Includes 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 and by age and race and Hispanic origin of mother: United States, 2018

Race and Hispanic origin and age (years) of mother	All births	Vaginal		Cesarean				Cesarean			Vaginal birth after previous cesarean delivery ⁷
		Total ¹	After previous cesarean	Total ²	Primary	Low-risk ³	Not stated	Total ⁴	Primary ⁵	Lowrisk ⁶	
All races and origins ⁸		Number						Percent			
All ages	3,791,712	2,581,992	78,842	1,208,176	693,276	319,022	1,544	31.9	21.7	25.9	13.3
Under 20	181,607	145,667	561	35,877	32,264	21,678	63	19.8	18.2	16.1	13.5
20–24	726,175	540,586	8,665	185,252	127,269	72,690	337	25.5	19.3	21.6	13.0
25–29	1,099,491	769,495	22,256	329,512	190,914	90,763	484	30.0	20.4	25.5	13.8
30–34	1,090,697	721,045	27,500	369,271	197,717	82,938	381	33.9	22.2	29.5	13.8
35–39	566,786	339,252	16,337	227,331	112,599	40,160	203	40.1	25.9	38.8	12.5
40–54	126,956	65,947	3,523	60,933	32,513	10,793	76	48.0	34.3	53.0	11.0
Non-Hispanic, single race ⁹											
White, all ages	1,956,413	1,353,424	38,345	602,361	356,796	164,087	628	30.8	21.4	24.9	13.5
Under 20	65,254	52,167	136	13,058	11,886	7,789	29	20.0	18.6	15.9	10.4
20–24	326,575	245,152	3,048	81,289	57,174	31,790	134	24.9	19.1	20.2	11.2
25–29	576,811	411,907	9,921	164,709	101,506	48,801	195	28.6	20.2	23.6	13.6
30–34	624,015	424,241	14,753	199,603	111,895	47,858	171	32.0	21.5	27.5	14.4
35–39	304,062	187,866	8,733	116,125	59,158	22,268	71	38.2	24.8	36.6	13.3
40–54	59,696	32,091	1,754	27,577	15,177	5,581	28	46.2	33.4	50.3	12.4
Black, all ages	552,029	352,750	12,702	199,117	114,150	49,481	162	36.1	25.2	30.3	13.0
Under 20	38,269	29,707	140	8,552	7,692	5,181	10	22.4	20.7	18.8	14.0
20–24	137,974	97,638	1,990	40,300	27,891	15,649	36	29.2	22.6	25.9	13.8
25–29	166,802	107,994	4,357	58,760	32,119	13,624	48	35.2	23.7	33.3	14.1
30–34	124,206	73,762	3,746	50,407	25,420	8,914	37	40.6	26.7	39.9	13.0
35–39	67,268	35,593	1,984	31,651	15,928	4,704	24	47.1	32.2	49.4	11.2
40–54	17,510	8,056	485	9,447	5,100	1,409	7	54.0	40.3	61.9	10.0
Hispanic ¹⁰											
All ages	886,210	605,674	19,371	280,386	147,149	67,040	150	31.6	20.1	25.4	12.7
Under 20	65,852	53,847	248	11,989	10,610	7,354	16	18.2	16.5	15.1	15.3
20–24	209,701	157,962	2,957	51,706	33,760	20,301	33	24.7	17.9	21.7	14.2
25–29	253,977	175,985	6,038	77,951	39,196	18,263	41	30.7	18.7	27.9	13.5
30–34	208,193	133,067	5,844	75,093	34,613	12,854	33	36.1	21.4	33.8	12.6
35–39	117,383	68,554	3,455	48,813	21,727	6,463	16	41.6	25.0	43.3	11.3
40–54	31,104	16,259	829	14,834	7,243	1,805	11	47.7	32.0	55.7	9.8

¹Includes unknown type of vaginal delivery; see Technical Notes in this report.²Includes unknown type of cesarean delivery; see Technical Notes.³Low-risk cesarean is defined as singleton, term (37 or more completed weeks of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth.⁴Percentage of all live births delivered by cesarean.⁵Primary cesarean rate is the number of births to women having a cesarean delivery per 100 births to women without a previous cesarean.⁶Low-risk cesarean rate is the number of singleton, term (37 or more completed weeks 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.⁷Vaginal 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.⁸Includes 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.⁹Race 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.¹⁰Includes 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, 2018

[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
All races and origins¹				Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid	42.3	77.3	63.1	44.8	29.4	27.4	29.9
Private insurance	49.6	15.1	28.2	47.0	63.0	64.8	61.2
Self-pay	4.2	3.8	3.8	4.0	4.2	4.6	5.7
Other ²	3.9	3.8	4.9	4.1	3.4	3.2	3.1
				Number			
Total	3,791,712	181,607	726,175	1,099,491	1,090,697	566,786	126,956
Not stated	22,595	1,144	4,305	6,801	6,396	3,184	765
Non-Hispanic, single race³				Percent			
White:							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid	30.0	72.3	53.5	32.4	18.6	16.8	18.3
Private insurance	63.3	22.2	38.6	60.4	75.4	77.2	74.7
Self-pay	3.2	2.0	3.2	3.3	3.1	3.4	4.4
Other ²	3.5	3.5	4.8	3.9	3.0	2.6	2.6
				Number			
Total	1,956,413	65,254	326,575	576,811	624,015	304,062	59,696
Not stated	12,651	447	2,154	3,852	3,983	1,830	385
Black:							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid	65.3	84.2	76.4	68.4	55.6	47.5	43.6
Private insurance	28.4	11.2	18.0	25.7	37.3	45.0	48.2
Self-pay	2.9	2.3	2.0	2.6	3.7	4.1	5.1
Other ²	3.3	2.3	3.6	3.4	3.3	3.4	3.1
				Number			
Total	552,029	38,269	137,974	166,802	124,206	67,268	17,510
Not stated	2,832	187	615	841	705	367	117
Hispanic⁴				Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid	58.9	78.5	69.4	58.9	49.9	48.0	49.5
Private insurance	29.5	10.0	19.2	30.0	38.5	39.9	37.8
Self-pay	6.8	6.8	6.0	6.3	7.4	8.0	8.5
Other ²	4.7	4.7	5.3	4.8	4.3	4.2	4.3
				Number			
Total	886,210	65,852	209,701	253,977	208,193	117,383	31,104
Not stated	4,177	384	1,030	1,160	904	539	160

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

²Other includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity.

³Race 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 this report. Single race is defined as only one race reported on the birth certificate.

⁴Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

Table 20. Births, by gestational age (weeks): United States, 2010–2018, and by race and Hispanic origin of mother, United States, 2016–2018

Race and Hispanic origin of mother and year	All births	Preterm ¹						Term ¹				Post term ¹	
		Total under 37	Total under 34	Early			Late	Total 37–41	Early 37–38	Full 39–40	Late 41	42 and over	Not stated
				Under 28	28–31	32–33	34–36						
All races and origins ²		Percent						Number					
2018.....	3,791,712	10.02	2.75	0.66	0.91	1.18	7.28	89.68	26.53	57.24	5.90	0.30	2,507
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 ³													
White:													
2018.....	1,956,413	9.09	2.26	0.44	0.76	1.07	6.83	90.53	24.68	59.16	6.70	0.37	924
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:													
2018.....	552,029	14.13	4.90	1.51	1.60	1.79	9.23	85.62	29.64	51.34	4.64	0.25	384
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 ⁴													
2018.....	886,210	9.73	2.56	0.62	0.84	1.09	7.17	90.07	28.05	56.83	5.19	0.20	382
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 ²		Number											
2018.....	3,791,712	379,777	104,031	24,945	34,386	44,700	275,746	3,398,110	1,005,405	2,169,016	223,689	11,318	2,507
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
Non-Hispanic, single race ³													
White:													
2018.....	1,956,413	177,842	44,287	8,665	14,764	20,858	133,555	1,770,366	482,550	1,156,775	131,041	7,281	924
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:													
2018.....	552,029	77,939	27,008	8,348	8,804	9,856	50,931	472,316	163,530	283,202	25,584	1,390	384
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 ⁴													
2018.....	886,210	86,186	22,637	5,490	7,467	9,680	63,549	797,905	248,463	503,429	46,013	1,737	382
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

¹Expressed in completed weeks based on the obstetric estimate of gestation; see Technical Notes in this report.²Includes 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.³Race 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.⁴Includes 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, 2018

Age (years) and race and Hispanic origin of mother	All births	Preterm ¹					Term ¹				Post term ¹	
		Total under 37	Under 28	28–31	32–33	Late 34–36	Total 37–41	Early 37–38	Full 39–40	Late 41	42 and over	Not stated
All races and origins ²	Number	Percent										Number
All ages	3,791,712	10.02	0.66	0.91	1.18	7.28	89.68	26.53	57.24	5.90	0.30	2,507
Under 15	1,736	15.40	1.33	1.74	1.51	10.83	84.42	27.97	50.32	6.14	0.17	9
15–19	179,871	10.41	0.90	1.01	1.23	7.27	89.37	26.40	56.31	6.65	0.22	157
20–24	726,175	9.65	0.70	0.90	1.11	6.95	90.10	26.65	57.43	6.01	0.26	524
25–29	1,099,491	9.38	0.63	0.84	1.06	6.85	90.34	25.95	58.26	6.12	0.28	805
30–34	1,090,697	9.62	0.59	0.85	1.16	7.03	90.04	25.84	57.90	6.31	0.34	580
35–39	566,786	11.39	0.67	1.03	1.39	8.30	88.27	27.83	55.43	5.01	0.33	334
40–44	117,381	13.80	0.83	1.25	1.70	10.02	85.91	31.10	51.89	2.92	0.29	90
45–54	9,575	22.12	1.33	2.54	3.44	14.81	77.58	33.18	42.09	2.31	0.30	8
Non-Hispanic, single race ³												
White, all ages	1,956,413	9.09	0.44	0.76	1.07	6.83	90.53	24.68	59.16	6.70	0.37	924
Under 15	337	14.93	1.49	0.90	0.60	11.94	85.07	24.78	53.43	6.87	*	2
15–19	64,917	10.11	0.79	0.97	1.17	7.18	89.65	25.09	57.73	6.82	0.25	49
20–24	326,575	9.00	0.48	0.78	1.04	6.70	90.69	25.17	59.08	6.44	0.31	181
25–29	576,811	8.55	0.44	0.71	0.97	6.43	91.12	24.25	59.98	6.89	0.33	293
30–34	624,015	8.64	0.38	0.70	1.03	6.52	90.95	23.88	59.77	7.29	0.42	249
35–39	304,062	10.19	0.43	0.80	1.22	7.74	89.37	25.61	57.75	6.01	0.44	114
40–44	55,417	12.47	0.59	1.07	1.51	9.29	87.12	29.00	54.49	3.63	0.40	32
45–54	4,279	19.58	0.89	2.15	3.37	13.17	80.07	32.23	45.15	2.69	0.35	4
Black, all ages	552,029	14.13	1.51	1.60	1.79	9.23	85.62	29.64	51.34	4.64	0.25	384
Under 15	554	16.67	1.63	1.45	2.17	11.41	82.97	28.26	49.28	5.43	0.36	2
15–19	37,715	12.96	1.48	1.43	1.71	8.33	86.90	28.01	52.99	5.91	0.14	40
20–24	137,974	13.03	1.38	1.49	1.58	8.57	86.77	29.26	52.73	4.78	0.20	96
25–29	166,802	13.57	1.46	1.51	1.67	8.93	86.18	29.18	52.31	4.69	0.25	105
30–34	124,206	14.38	1.57	1.60	1.86	9.35	85.29	29.58	50.91	4.80	0.33	80
35–39	67,268	16.60	1.74	1.97	2.16	10.73	83.13	31.36	47.96	3.81	0.27	53
40–44	15,988	18.55	1.76	2.05	2.54	12.21	81.20	34.55	44.36	2.29	0.24	8
45–54	1,522	26.94	2.43	2.89	4.40	17.21	72.40	34.03	35.74	2.63	0.66	–
Hispanic ⁴												
All ages	886,210	9.73	0.62	0.84	1.09	7.17	90.07	28.05	56.83	5.19	0.20	382
Under 15	730	14.62	0.69	2.34	1.24	10.34	85.24	28.00	50.90	6.34	0.14	5
15–19	65,122	9.23	0.68	0.81	1.00	6.74	90.54	26.77	56.94	6.83	0.23	43
20–24	209,701	8.47	0.58	0.71	0.93	6.25	91.33	27.10	58.17	6.05	0.20	107
25–29	253,977	8.86	0.56	0.75	0.93	6.63	90.94	27.32	58.21	5.41	0.20	92
30–34	208,193	10.15	0.62	0.87	1.18	7.48	89.66	28.24	56.57	4.85	0.19	69
35–39	117,383	12.05	0.73	1.13	1.46	8.74	87.77	30.40	53.65	3.72	0.18	51
40–44	29,192	14.08	0.81	1.18	1.68	10.41	85.76	32.72	50.90	2.14	0.16	14
45–54	1,912	23.02	1.31	2.93	2.83	15.96	76.87	35.95	39.46	1.47	0.10	1

* Estimate does not meet NCHS standards of reliability.

– Quantity zero.

¹Expressed in completed weeks based on the obstetric estimate of gestation; see Technical Notes in this report.

²Includes 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.

³Race 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.

⁴Includes 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, 2010–2018, and by age and race and Hispanic origin of mother, United States, 2016–2018

Year and race and Hispanic origin of mother	Birthweight (grams) ¹														
	All births	Low birthweight													
		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	4,500– 4,999	5,000 or more	Not stated
		Total under 2,500	Total under 1,500	Less than 500	500–999										
Number	Percent														Number
All races and origins ²															
2018.....	3,791,712	8.28	1.38	0.14	0.50	0.74	1.62	5.28	18.75	38.76	26.44	6.72	0.94	0.11	2,932
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
Non-Hispanic, single race ³															
White:															
2018.....	1,956,413	6.91	1.02	0.09	0.34	0.58	1.38	4.52	16.01	37.80	29.74	8.25	1.16	0.12	1,259
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
Black:															
2018.....	552,029	14.07	2.92	0.35	1.16	1.41	2.79	8.35	25.44	37.90	18.33	3.68	0.51	0.07	571
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
Hispanic ⁴															
2018.....	886,210	7.49	1.24	0.12	0.46	0.66	1.43	4.81	19.01	40.64	25.90	6.02	0.83	0.11	381
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

See footnotes at end of table.

Table 22. Births, by birthweight (grams): United States, 2010–2018, and by age and race and Hispanic origin of mother, United States, 2016–2018—Con.

Year and race and Hispanic origin of mother	Birthweight (grams) ¹															
	Low birthweight															
	All births	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	4,500– 4,999	5,000 or more	Not stated
		Total under 2,500	Total under 1,500	Less than 500	500–999											
All races and origins ²								Number								
2018.....	3,791,712	313,752	52,171	5,303	18,970	27,898	61,509	200,072	710,444	1,468,639	1,001,803	254,704	35,435	4,003	2,932	
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	
Non-Hispanic, single race ³																
White:																
2018.....	1,956,413	135,185	19,872	1,721	6,719	11,432	26,964	88,349	313,105	739,031	581,499	161,395	22,645	2,294	1,259	
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:																
2018.....	552,029	77,584	16,127	1,941	6,406	7,780	15,411	46,046	140,295	209,028	101,089	20,285	2,806	371	571	
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 ⁴																
2018.....	886,210	66,310	11,006	1,084	4,040	5,882	12,706	42,598	168,418	359,966	229,450	53,359	7,358	968	381	
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	

¹Equivalents of gram weights in pounds and ounces are shown in the User Guide (see reference 10 in this report).

²Includes 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.

³Race 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 this report. Single race is defined as only one race reported on the birth certificate.

⁴Includes 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, 2018

Age (years) and Hispanic origin of mother	Birthweight (grams) ¹														
	All births	Low birthweight													Not stated
		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	
All races and origins ²	Number	Percent													Number
All ages	3,791,712	8.28	1.38	0.14	0.50	0.74	1.62	5.28	18.75	38.76	26.44	6.72	0.94	0.11	2,932
Under 15	1,736	12.73	2.59	0.40	0.75	1.44	2.36	7.78	26.84	41.65	16.19	2.48	0.12	*	–
15–19	179,871	10.09	1.74	0.17	0.68	0.89	1.82	6.53	23.78	41.12	20.76	3.82	0.39	0.04	127
20–24	726,175	8.59	1.41	0.15	0.52	0.73	1.60	5.58	20.91	40.51	24.08	5.22	0.63	0.06	520
25–29	1,099,491	7.78	1.29	0.14	0.47	0.68	1.50	4.99	18.37	39.20	26.91	6.74	0.90	0.10	877
30–34	1,090,697	7.63	1.24	0.12	0.44	0.68	1.53	4.87	17.24	37.99	28.22	7.66	1.13	0.12	843
35–39	566,786	8.83	1.50	0.13	0.54	0.82	1.83	5.50	17.80	36.94	27.37	7.73	1.18	0.15	457
40–44	117,381	10.77	1.88	0.17	0.67	1.04	2.32	6.57	19.58	36.51	25.04	6.91	1.05	0.14	100
45–54	9,575	18.39	3.42	0.17	1.20	2.05	4.35	10.62	21.71	33.89	20.04	5.14	0.77	0.06	8
Non-Hispanic, single race ³															
White, all ages	1,956,413	6.91	1.02	0.09	0.34	0.58	1.38	4.52	16.01	37.80	29.74	8.25	1.16	0.12	1,259
Under 15	337	10.39	2.37	0.30	1.19	0.89	0.89	7.12	21.96	41.54	21.36	4.75	*	*	–
15–19	64,917	8.97	1.57	0.12	0.63	0.82	1.60	5.79	20.14	40.43	24.67	5.15	0.59	0.04	44
20–24	326,575	7.21	1.08	0.09	0.38	0.61	1.36	4.77	18.01	39.81	27.49	6.59	0.81	0.08	193
25–29	576,811	6.52	0.98	0.09	0.33	0.56	1.28	4.27	15.71	38.30	30.07	8.18	1.09	0.11	347
30–34	624,015	6.40	0.90	0.08	0.29	0.53	1.31	4.19	14.85	37.06	31.15	9.07	1.33	0.13	417
35–39	304,062	7.39	1.05	0.09	0.35	0.61	1.54	4.80	15.59	36.03	30.22	9.21	1.40	0.16	211
40–44	55,417	9.27	1.45	0.12	0.46	0.88	1.99	5.83	17.67	35.84	27.58	8.22	1.25	0.17	43
45–54	4,279	15.98	2.78	0.12	0.80	1.87	3.53	9.66	19.53	34.69	22.13	6.60	0.96	0.12	4
Black, all ages	552,029	14.07	2.92	0.35	1.16	1.41	2.79	8.35	25.44	37.90	18.33	3.68	0.51	0.07	571
Under 15	554	14.62	3.25	0.54	0.90	1.81	2.71	8.66	31.05	39.17	13.36	1.62	0.18	*	–
15–19	37,715	14.91	2.84	0.35	1.13	1.36	2.85	9.22	30.48	38.79	13.86	1.77	0.16	0.02	34
20–24	137,974	14.06	2.71	0.33	1.05	1.33	2.68	8.67	28.02	39.02	16.01	2.55	0.30	0.03	136
25–29	166,802	13.54	2.75	0.37	1.08	1.30	2.66	8.14	25.28	38.54	18.53	3.61	0.44	0.06	173
30–34	124,206	13.49	2.96	0.34	1.20	1.42	2.74	7.79	23.17	37.11	20.65	4.76	0.70	0.11	146
35–39	67,268	15.13	3.51	0.37	1.43	1.71	3.15	8.47	22.37	35.84	20.65	5.03	0.88	0.10	66
40–44	15,988	16.63	3.77	0.38	1.51	1.87	3.63	9.23	23.44	35.11	19.34	4.63	0.74	0.11	13
45–54	1,522	24.16	5.00	0.26	2.11	2.63	6.85	12.31	23.90	30.35	17.12	3.88	0.59	*	3

See footnotes at end of table.

Table 23. Births, by birthweight (grams) and by age and race and Hispanic origin of mother: United States, 2018—Con.

Age (years) and race and Hispanic origin of mother	Birthweight (grams) ¹															
	Low birthweight															
	All births	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	Not stated	
Hispanic ⁴	Percent														Number	
	Number															Number
All ages	886,210	7.49	1.24	0.12	0.46	0.66	1.43	4.81	19.01	40.64	25.90	6.02	0.83	0.11	381	
Under 15	730	12.19	1.78	0.41	0.14	1.23	2.60	7.81	25.48	43.56	16.85	1.78	0.14	*	–	
15–19	65,122	8.40	1.28	0.11	0.48	0.69	1.43	5.69	23.53	43.36	20.80	3.57	0.31	0.04	35	
20–24	209,701	7.13	1.11	0.13	0.41	0.57	1.25	4.77	20.46	42.54	24.35	4.89	0.57	0.06	76	
25–29	253,977	6.78	1.11	0.11	0.41	0.58	1.28	4.40	18.28	40.96	26.82	6.22	0.83	0.11	106	
30–34	208,193	7.32	1.27	0.13	0.45	0.69	1.44	4.61	17.49	39.43	27.60	6.97	1.06	0.14	93	
35–39	117,383	8.55	1.56	0.12	0.58	0.86	1.84	5.16	18.08	37.99	26.91	7.17	1.12	0.18	57	
40–44	29,192	10.19	1.69	0.15	0.66	0.88	2.30	6.20	19.24	37.67	24.94	6.77	1.08	0.12	13	
45–54	1,912	18.32	3.72	0.26	1.41	2.04	3.35	11.25	22.29	34.59	19.73	4.19	0.84	0.05	1	

* Estimate does not meet NCHS standards of reliability.

– Quantity zero.

¹Equivalents of gram weights in pounds and ounces are shown in the User Guide (see reference 10 in this report).

²Includes 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.

³Race 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 this report. Single race is defined as only one race reported on the birth certificate.

⁴Includes 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, 2010–2018, and by race and Hispanic origin of mother: United States, 2016–2018

Race and Hispanic origin and year	Total births	Twin births	Triplet and higher-order births ¹	Multiple birth rate	Twin birth rate	Triplet and higher-order birth rate ¹
All races and origins ²		Number		Per 1,000		Per 100,000
2018.....	3,791,712	123,536	3,525	33.5	32.6	93.0
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 ³						
White:						
2018.....	1,956,413	67,203	1,996	35.4	34.4	102.0
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:						
2018.....	552,029	22,502	658	42.0	40.8	119.2
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 ⁴						
2018.....	886,210	21,654	573	25.1	24.4	64.7
2017.....	898,764	22,041	614	25.2	24.5	68.3
2016.....	918,447	22,625	538	25.2	24.6	58.6

¹Triplet, quadruplet, quintuplet, and higher-order multiple deliveries.²Includes 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.³Race 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 this report. Single race is defined as only one race reported on the birth certificate.⁴Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

Table 25. Births, by plurality and age and race and Hispanic origin of mother: United States, 2018

Race and Hispanic origin and age (years) of mother	Live births				Rates		
	Total	Singleton	Twin	Triplet and higher-order multiple ¹	Multiple birth	Twin birth	Triplet and higher-order multiple ¹
	Number				Per 1,000		Per 100,000
All races and origins²							
All ages	3,791,712	3,664,651	123,536	3,525	33.5	32.6	93.0
Under 15	1,736	1,715	21	—	12.1	12.1	0.0
15–19	179,871	176,756	3,084	31	17.3	17.1	17.2
15–17	44,291	43,658	624	9	14.3	14.1	20.3
18–19	135,580	133,098	2,460	22	18.3	18.1	16.2
20–24	726,175	709,046	16,835	294	23.6	23.2	40.5
25–29	1,099,491	1,065,264	33,394	833	31.1	30.4	75.8
30–34	1,090,697	1,050,006	39,441	1,250	37.3	36.2	114.6
35–39	566,786	541,686	24,268	832	44.3	42.8	146.8
40–44	117,381	111,902	5,269	210	46.7	44.9	178.9
45–54	9,575	8,276	1,224	75	135.7	127.8	783.3
Non-Hispanic, single race³							
White, all ages	1,956,413	1,887,214	67,203	1,996	35.4	34.4	102.0
Under 15	337	327	10	—	29.7	29.7	0.0
15–19	64,917	63,840	1,068	9	16.6	16.5	13.9
15–17	13,036	12,858	175	3	13.7	13.4	23.0
18–19	51,881	50,982	893	6	17.3	17.2	11.6
20–24	326,575	319,134	7,314	127	22.8	22.4	38.9
25–29	576,811	558,625	17,709	477	31.5	30.7	82.7
30–34	624,015	599,564	23,656	795	39.2	37.9	127.4
35–39	304,062	289,438	14,123	501	48.1	46.4	164.8
40–44	55,417	52,542	2,792	83	51.9	50.4	149.8
45–54	4,279	3,744	531	4	125.0	124.1	93.5
Black, all ages	552,029	528,869	22,502	658	42.0	40.8	119.2
Under 15	554	552	2	—	3.6	3.6	0.0
15–19	37,715	36,790	912	13	24.5	24.2	34.5
15–17	9,998	9,814	181	3	18.4	18.1	30.0
18–19	27,717	26,976	731	10	26.7	26.4	36.1
20–24	137,974	133,230	4,654	90	34.4	33.7	65.2
25–29	166,802	159,426	7,198	178	44.2	43.2	106.7
30–34	124,206	118,410	5,626	170	46.7	45.3	136.9
35–39	67,268	63,932	3,230	106	49.6	48.0	157.6
40–44	15,988	15,245	685	58	46.5	42.8	362.8
45–54	1,522	1,284	195	43	156.4	128.1	2,825.2
Hispanic⁴							
All ages	886,210	863,983	21,654	573	25.1	24.4	64.7
Under 15	730	723	7	—	9.6	9.6	0.0
15–19	65,122	64,226	890	6	13.8	13.7	9.2
15–17	18,185	17,968	214	3	11.9	11.8	16.5
18–19	46,937	46,258	676	3	14.5	14.4	6.4
20–24	209,701	205,889	3,752	60	18.2	17.9	28.6
25–29	253,977	247,961	5,891	125	23.7	23.2	49.2
30–34	208,193	201,987	6,001	205	29.8	28.8	98.5
35–39	117,383	113,358	3,906	119	34.3	33.3	101.4
40–44	29,192	28,164	985	43	35.2	33.7	147.3
45–54	1,912	1,675	222	15	124.0	116.1	784.5

— Quantity zero.

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

¹Triplet, quadruplet, quintuplet and higher-order multiple deliveries.²Includes 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.³Race 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 this report. Single race is defined as only one race reported on the birth certificate.⁴Includes 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 2018 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 (VSCP). 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 (10); Methodological and measurement information for these characteristics is also available in the User Guide.

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

Data for 2016–2018 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 (18).

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. Since 2007, age of mother has been 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 aged 50–54. In this report, the final age group shown in the tables (45–49, 45–54, or 50–54) includes births to mothers up to age 64. For historical information on mother's age, see the User Guide (10).

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. Instead 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. Starting with 2018, data are presented for an additional Hispanic group, Dominican, which was previously included in the category 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 (10,12). 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 (i.e., a specified Hispanic group [Mexican, Puerto Rican, Cuban, Dominican, 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 (19), on which the rates for the specified Hispanic groups as of 2010 and are based (see "Population estimates for specific Hispanic groups").

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 (11), 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 (NHOPI), and White; see User Guide (10).

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 2.7% of mothers in the U.S. reporting more than one race (10) in 2018. Data from American Samoa still follow the 1977 OMB standards (20). Before 2016, the multiple-race reporting states varied widely, increasing from 6 states in 2003 to the 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 menstrual period (LMP) (17). 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 (17).

Computation of percentages, percent distributions, and means

For information and discussion on computations of percentages, percent distributions, and means, see the User Guide (10).

Population denominators

The birth and fertility rates for 2018 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, 2018. These populations are shown in the User Guide (10). The population estimates have been provided by the U.S. Census Bureau (21) 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 data provided by the U.S. Census Bureau (21). 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 (22). Rates for Puerto Rico are based on population estimates from the 2010 Census as of July 1, 2018, and are provided by the U.S. Census Bureau (23).

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 2018, which are also based on 2010 Census estimates. For 2018, 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 2017–2018. These distributions were reported by the U.S. Census Bureau in the March Current Population Survey for each year (24,25), and have been adjusted to July 1, 2018 (2010 Census), population levels (21) by NCHS' Division of Vital Statistics (26).

The population distributions by marital status are based on a 2-year average for 2014–2018 (12). For earlier years, rates for unmarried women are based on population distributions by marital status averaged over a 3-year period (26).

Population estimates for specific Hispanic groups

The 2018 population estimates for the specific Hispanic population groups were not available as of the preparation of this report (27). Accordingly, birth and fertility rates for these groups for 2018 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 2018 special population estimates for Hispanic groups will be shown in the User Guide, once available (10).

Computation of rates and percentages

An asterisk (*) in the tables indicates that a rate or percentage does not meet NCHS 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 populations-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” and the User Guide (10,28).

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 (10).

For information and discussion on random variation and significance testing for birth and fertility rates for Mexican, Puerto Rican, Cuban, Dominican, Central and South American, and other Hispanic populations based on ACS population estimates, see the User Guide (10).

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” (29).

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