

Births: Final Data for 2019

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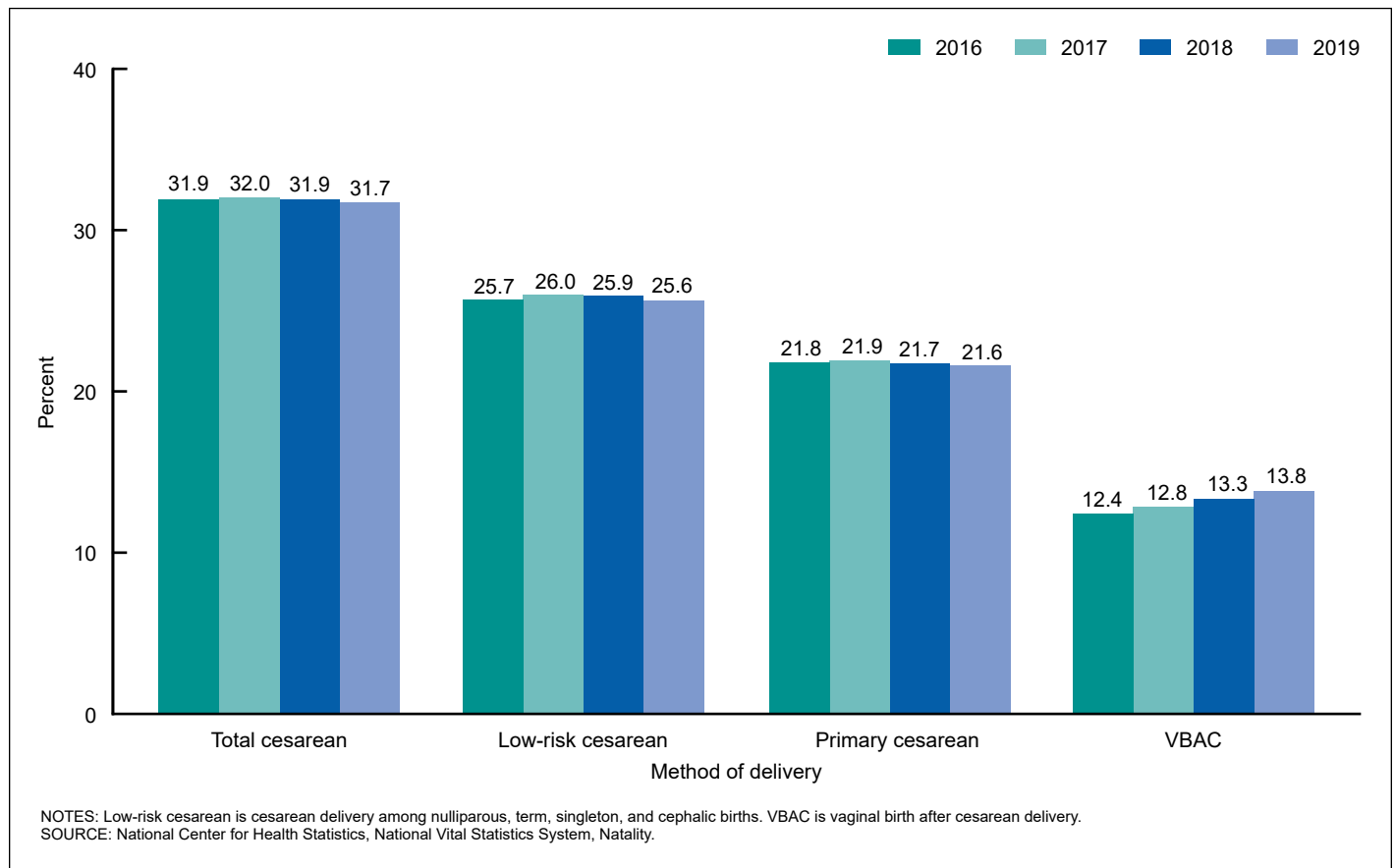
Abstract

Objectives—This report presents 2019 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 3.75 million births that occurred in

2019 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 are also shown. Trend data for 2010 through 2019 are presented for selected items. Trend data by race and Hispanic origin are shown for 2016–2019.

Figure 1. Method of delivery: United States, 2016–2019



Results—A total of 3,747,540 births were registered in the United States in 2019, down 1% from 2018. The general fertility rate declined from 2018 to 58.3 births per 1,000 women aged 15–44 in 2019. The birth rate for females aged 15–19 fell 4% between 2018 and 2019. Birth rates declined for women aged 20–34 and increased for women aged 35–44 for 2018–2019. The total fertility rate declined to 1,706.0 births per 1,000 women in 2019. Birth rates declined for both married and unmarried women from 2018 to 2019. The percentage of women who began prenatal care in the first trimester of pregnancy rose to 77.6% in 2019; the percentage of all women who smoked during pregnancy declined to 6.0%. The cesarean delivery rate decreased to 31.7% in 2019 (Figure 1). Medicaid was the source of payment for 42.1% of all births in 2019. The preterm birth rate rose for the fifth straight year to 10.23% in 2019; the rate of low birthweight was essentially unchanged from 2018 at 8.31%. Twin and triplet and higher-order multiple birth rates both declined in 2019 compared with 2018.

Keywords: birth certificate • maternal and infant health • birth rates • maternal characteristics • National Vital Statistics System

Introduction

This report presents detailed data on numbers and characteristics of births in 2019, 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 2019 presented data on selected topics based on a sample of nearly all (99.96%) 2019 births (1); a National Center for Health Statistics (NCHS) Data Brief presented selected characteristics based on final data for 2019 births (2).

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 (3). The public-use file does not include geographic detail; a file with this information may be available upon special request (4). Birth data may also be accessed via the Centers for Disease Control and Prevention's (CDC) Wide-ranging Online Data for Epidemiologic Research (WONDER). Wonder is a user-friendly Web system that makes CDC's information resources available to public health professionals and the public (5).

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

Starting in 2016, all 50 states, the District of Columbia (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, 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 2019 Natality Public Use File" (6–8).

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 the United States are registered (8). Tables showing data by state also provide separate information for Puerto Rico, Guam, and Commonwealth of the 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 2019.

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 (9), in accordance with the revised standards issued by the Office of Management and Budget (OMB) in 1997 (10). 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) (10). The race and Hispanic-origin groups shown in this report follow the 1997 standards and differ from the bridged-race categories shown in most previous reports that are based on data from 2015 and earlier (11). The new categories are: non-Hispanic single-race white, non-Hispanic single-race black or African American, non-Hispanic single-race American Indian or Alaska Native (AIAN), non-Hispanic single-race Asian, non-Hispanic single-race Native Hawaiian or Other Pacific Islander (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, only race data for 2016–2018 are shown in this report. For more information on differences between single- and bridged-race groups, see "Births: Final Data for 2016" (12).

Race and Hispanic origin are reported independently on the birth certificate and reporting of Hispanic-origin ethnicity was not affected by the change to the 1997 OMB standards. 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 the categories 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 2010–2019; see [List of Detailed Tables](#). Longer-term trends previously shown in this report series can be found in earlier-year reports (e.g., "Births: Final Data for 2015") (11).

In this report, the total number of births includes births to women up to age 64. In tables that include age of mother, the oldest age groups shown (40–54, 45–49, 45–54, or 50–54) include births to mothers up to age 64 (births to mothers 55–64 are recategorized to ages 50–54).

For information on levels of incomplete reporting by state, see the User Guide (8). 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 (8).

Demographic Characteristics (Tables 1–12)

Births and birth rates

Number of births

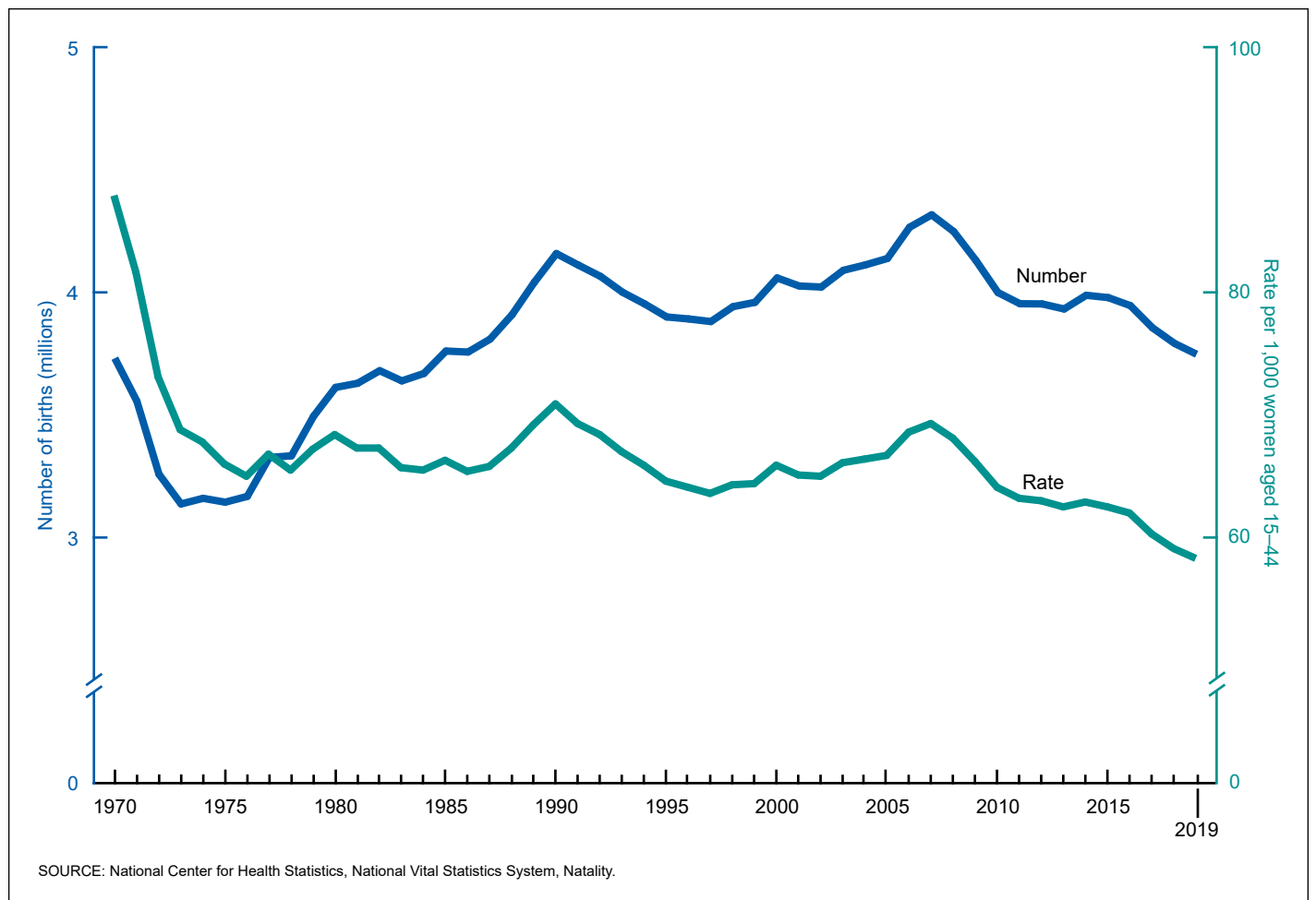
In 2019, 3,747,540 births were registered in the United States, down 1% (or 44,172) from 2018 (Table 1, Figure 2). This is the fifth year that the number of births has declined following an increase in 2014. Before that year, the number of births declined steadily from 2007 through 2013 (11).

Among the race and Hispanic-origin groups, the number of births declined 2% for non-Hispanic white and non-Hispanic AIAN women, and 1% for non-Hispanic black and non-Hispanic Asian women from 2018 to 2019. The number of births for non-Hispanic NHOPI women rose 3% in 2019, and the number of births for Hispanic women was essentially unchanged (Tables 1, 3, and 6). Among the specified Hispanic groups, births rose 12% for Central and South American women in 2019, were essentially unchanged for Mexican, Puerto Rican, Cuban, and Dominican women (Tables 4 and 7), and declined 16% for women of Other and unknown Hispanic origin. The increase in Central and South American births and the decline in births to women of Other and unknown Hispanic origin largely reflects the implementation of a new reporting system in California, which resulted in fewer unknowns and therefore more specific Hispanic-origin responses on birth records; see User Guide (8).

Fertility rate

The **general fertility rate** (GFR) for the United States in 2019 was 58.3 births per 1,000 females aged 15–44, down 1% from 2018 (59.1) and a record low rate for the nation (Table 1) (11, 13). This is the fifth year that the rate has declined following an increase in 2014. From 2007 to 2013, the GFR declined steadily (11).

Figure 2. Live births and general fertility rates: United States, 1970–2019



Among the race and Hispanic-origin groups, the GFR declined for nearly all groups in 2019, down 3% for non-Hispanic AIAN, 2% for non-Hispanic white, and 1% for non-Hispanic black, non-Hispanic Asian, and Hispanic females. The observed increase in the rate for non-Hispanic NHOPI females from 2018 to 2019 was not significant.

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 years and 45–49 from 2018 to 2019.

Teenagers—The birth rate for females aged 15–19 in the United States in 2019 was 16.7 births per 1,000, down 4% from 2018 (17.4) and another record low (Table 2, Figure 3) (11,13,14). Since 2009, the teen birth rate has fallen to a new low each year. The rate for this group has declined 60% since 2007 (41.5), the most recent high, and 73% since the 1991 high (61.8). The number of births to teenagers aged 15–19 was 171,674 in 2019, down 5% from 2018 (179,871) (15).

The 2019 birth rates for teenagers aged 15–17 and 18–19 were 6.7 and 31.1 births per 1,000 females, respectively, down 7% and 4% from 2018, to record lows for both groups. Rates for these age groups have fallen 69% and 57%, respectively, since 2007, and by 83% and 67% since 1991. The birth rate for females aged 10–14 years was unchanged in 2019 at 0.2 births per 1,000 females.

Among race and Hispanic-origin groups, the birth rates for teenagers aged 15–19 declined 6% for non-Hispanic white, 5% for Hispanic, and 2% for non-Hispanic black teenagers for 2019. Rates for non-Hispanic AIAN, non-Hispanic Asian, and non-Hispanic NHOPI teenagers were essentially unchanged from 2018 to 2019.

Women in their 20s—The birth rate for women aged 20–24 was 66.6 births per 1,000 women in 2019, down 2% from 2018 (68.0), and another record low (Table 2) (11,13). The rate for women in this age group has declined steadily since 2006. The number of births to women in their early 20s declined 3% from 2018 (15). The rate for women aged 25–29 was 93.7 births per 1,000 women, down 2% from 2018 (95.3). 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 aged 25–29 was down by 2% from 2018 to 2019 (see Tables 3 and 4 for 2018 data) (15).

Women in their 30s—The birth rate for women aged 30–34 was 98.3 births per 1,000 women in 2019, down 1% from 2018 (99.7) and the third straight annual decline in the rate (11,13). The 2019 rate for women aged 30–34 was higher than the rate for women aged 25–29 for the fourth year since reliable national records were available (1940) (11,13). The number of births to women aged 30–34 was essentially unchanged from 2018 to 2019. The birth rate for women aged 35–39 was 52.8 births per 1,000 women in 2019, up slightly from 2018 (52.6), and the second increase in the rate after a brief downtick in 2017 (Table 2). The number of births to women aged 35–39 rose 1% in 2019 (see Tables 3 and 4 for 2018 data) (15).

Women in their 40s—The birth rate for women aged 40–44 was 12.0 births per 1,000 women in 2019, up 2% from

2018 (11.8) (Table 2); the rate for this group has risen almost continuously since 1985 (11,13). The number of births to women in their early 40s rose 2% from 2018 to 2019. 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 2019, unchanged from 2018. The number of births to women aged 45 and over was also unchanged from 2018 to 2019. Births to women aged 50 and older are also discussed separately below.

Women aged 50 and over—There were 1,073 births to women aged 50 and over in 2019, up from 959 in 2018 (Table 3) (15). The number of births to women in this age group has generally increased since 1997 (144). The birth rate for women aged 50–54 rose to 1.0 births per 10,000 women in 2019, from 0.9 in 2018. 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 22.0 births per 1,000 females aged 15–44 in 2019, down 2% from 2018 (22.4) (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 5% for females aged 15–19 years), 20s (down 1% each for women aged 20–24 and 25–29), and 30s (down 2% for women aged 30–34 and 1% for women aged 35–39). First-birth rates for females aged 10–14 years, 40–44, and 45–49 were unchanged in 2019 (15).

Mean age of mother

In 2019, the mean age of mothers at first birth was 27.0 years, an increase from 26.9 in 2018, and another record high for the nation (Tables 11, 12, and I–6) (11,13). 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 2019 reflects, in part, the decline in the number of first births to females in their teens and 20s (15).

Mean age at first birth increased for nearly all race and Hispanic-origin groups in 2019, rising to 25.1 years for Hispanic, 25.2 for non-Hispanic black, 27.8 for non-Hispanic white, and 30.7 for non-Hispanic Asian women (Tables 11, 12, and I–6) (15). The average age at first birth for non-Hispanic AIAN and non-Hispanic NHOPI women was 23.5 and 24.8 in 2019, essentially unchanged from 2018. Among the specified Hispanic groups, average ages increased to 24.5 years for Mexican, 24.9 for Puerto Rican, 26.0 for Dominican, and 27.9 for Cuban women, and decreased for Central and South American women (26.2) (15). (The decline in mean age at first birth for Central and South American women may be related to changes in reporting of Hispanic-origin births for California; see "Number of births" in this report.)

Total fertility rate

The **total fertility rate** (TFR) for the United States in 2019 was 1,706.0 births per 1,000 women, down 1% from 2018 (1,729.5) (Table 2). This is the fifth 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 calculated 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 2019, down 2% for non-Hispanic white and non-Hispanic AIAN women and 1% for non-Hispanic black, non-Hispanic Asian, and Hispanic women. The rate for non-Hispanic NHOPI women rose 3% from 2018 to 2019.

The TFR for the nation in 2019 remained below “replacement,” the level at which a given generation can exactly replace itself (generally considered to be 2,100 births per 1,000 women). The U.S. TFR has generally been below replacement since 1971 (11,13). The TFR was below replacement for all race and Hispanic-origin groups in 2019, except non-Hispanic NHOPI women (2,178.0) (Table 2).

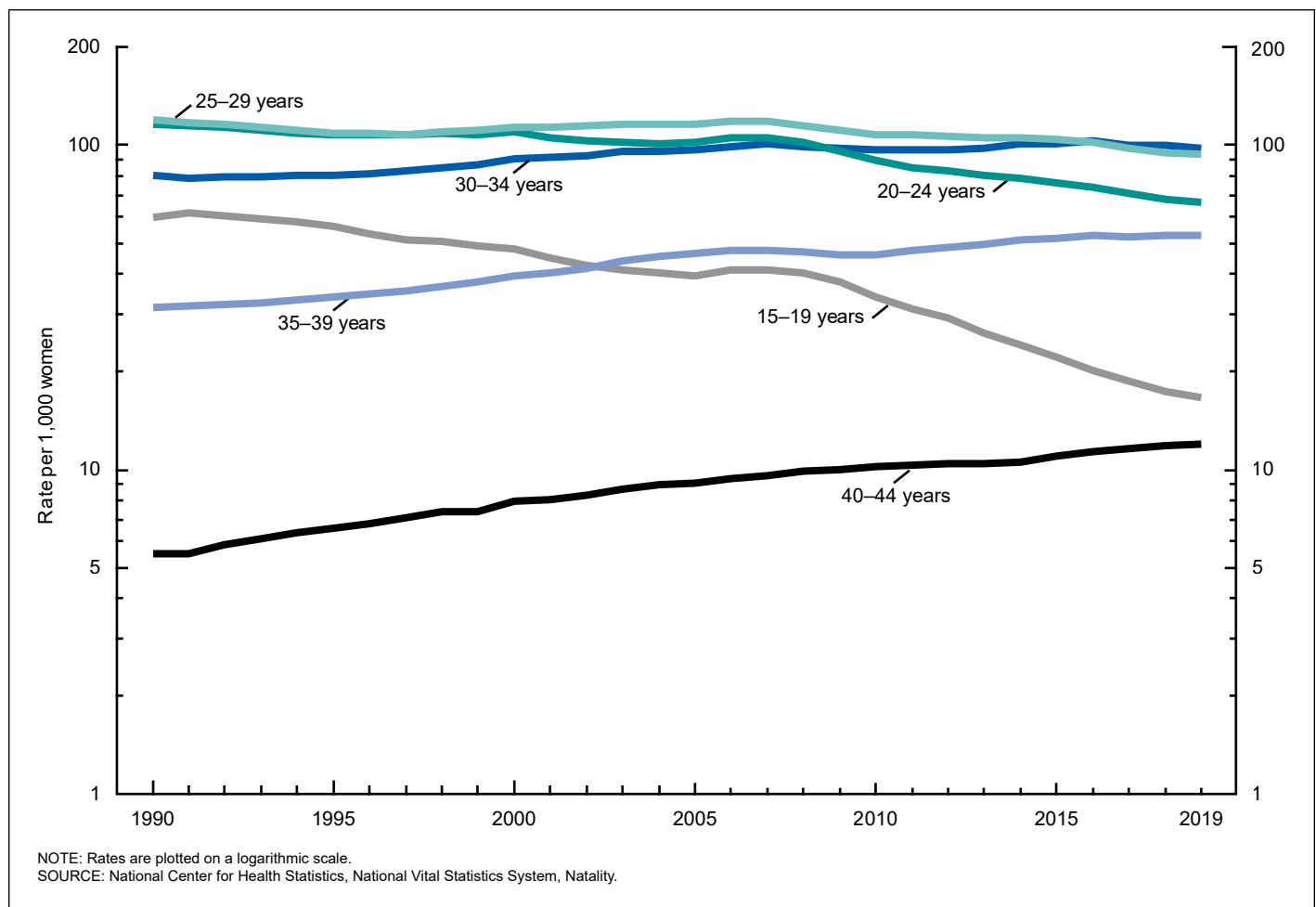
Births and birth rates by state

The GFR, the number of births per 1,000 females aged 15–44, declined from 2018 to 2019 by 1% to 3% in 27 states, and by 4% to 5% in 3 states (Maine, Montana, and South Dakota); rose in 1 state (Alabama); and was essentially unchanged in the remaining 19 states and D.C. Rates among the states ranged from 46.8 births per 1,000 females aged 15–44 in Vermont to 70.6 in North and 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 2019, see Tables 6 and 7.

Birth rates for teenagers by state

In 2019, the birth rate for teenagers aged 15–19 declined in 21 states (Arizona, California, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Maine, Michigan, Missouri, Nebraska, Nevada, New Hampshire, Oregon, Pennsylvania, Rhode Island, Tennessee, Texas, Utah, and Virginia), with declines ranging from 3% for Florida to 18% for Maine and New Hampshire. Rates were essentially unchanged in the remaining 29 states and D.C. Rates among the states ranged from 6.6 births per 1,000 in New Hampshire to 30.0 in Arkansas (Table 8). The wide range

Figure 3. Birth rates, by selected age of mother: United States, 1990–2019



in state-specific teen rates is consistent with patterns observed in previous analyses (14,16). Teen birth rates were essentially unchanged for Puerto Rico, Guam, and Northern Marianas. Rates among the territories ranged from 19.1 births per 1,000 teenagers in Puerto Rico to 33.3 in Guam (Table 8).

Births to unmarried women

The birth rate for unmarried women was 39.9 births per 1,000 unmarried women aged 15–44 in 2019, down less than 1% from 2018 (40.1) (Table 10). The 2019 nonmarital birth rate was 23% lower than the peak of 51.8 in 2007 and 2008 (11). (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 2019, to 84.0 per 1,000 married women aged 15–44, from 85.6 in 2018. The marital birth rate declined 4% over the period 2005–2010 but rose 6% from 2010 through 2016 before declining 6% through 2019 (11).

The percentage of all births to unmarried women was 40.0% in 2019, up from 2018 (39.6%), which was the lowest level since 2007 (11). The percentage of all births to unmarried women peaked in 2009 at 41.0% (11).

In 2019, the percentage of nonmarital births increased from 2018 for three race and Hispanic-origin groups: non-Hispanic black (70.0% in 2019), Hispanic (52.1%), and non-Hispanic AIAN women (69.0%) (Table 9). The percentage was unchanged for three groups: non-Hispanic white (28.2%), non-Hispanic Asian (11.7%), and non-Hispanic NHOPI women (50.4%). The number of nonmarital births decreased by 3% from 2018 (1,503,361) to 2019 (1,498,113) (15). Nonmarital birth rates declined from 2018 to 2019 for women in age groups under 30, with the rate for teenagers aged 15–19 dropping 4% (to 15.4 per 1,000 in 2019), and the rate for females aged 15–17 at another all-time low (6.6). Conversely, the nonmarital birth rate reached historic peaks for women aged 30–34, to 60.6, and for women aged 40–44, to 11.1.

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 1–7). In 2019, 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 (54.0%), Mississippi (54.9%), and New Mexico (51.5%).

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

Of the women who gave birth in 2019, 6.0% reported smoking tobacco at some point while pregnant, an 8% decline from 2018 (6.5%) (Table 15) (15). Tobacco use was most common earlier in pregnancy: 5.8% of women smoked in their first trimester, 5.0% in their second, and 4.7% in their third. Of the 7.7% of women who reported smoking in the 3 months before becoming pregnant, 24.0% quit smoking before pregnancy (Table 15).

By race and Hispanic origin, 8.8% of non-Hispanic white women reported smoking at some point during pregnancy, down 7% from 2018; 4.8% of non-Hispanic black women reported smoking at some point during pregnancy, down 8%; 1.5% of Hispanic women reported smoking during pregnancy, down 12% from 2018. 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: 22.2% of non-Hispanic white, 25.2% of non-Hispanic black, and 38.3% of Hispanic women who smoked during the 3 months prior to pregnancy, did not smoke while pregnant.

By maternal age, smoking rates during pregnancy were highest among women aged 20–24 (8.1%) and for women under age 20 (6.7%) and 25–29 (6.9%). Tobacco use during pregnancy was less common among older women, with 3.5% of women aged 40–54, and 4.2% 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 2019, 77.6% began prenatal care in the first trimester of pregnancy, up from 77.5% in 2018. Late (beginning in the third trimester) or no prenatal care increased in 2019 to 6.4%, from 6.2% in 2018 (Table 16) (15).

Among the largest race and Hispanic-origin groups, prenatal care beginning in the first trimester increased for non-Hispanic white (from 82.5% in 2018 to 82.8% in 2019) and non-Hispanic black (67.1% to 67.6%) women, and declined for Hispanic women (72.7% to 72.1%) in 2019 (Table 16) (15). Late or no prenatal care declined for non-Hispanic black women (9.9% to 9.6%), was unchanged for non-Hispanic white women (4.5%), and increased for Hispanic women (7.7% to 8.2%). The increase in late or no care among Hispanic women occurred for all maternal age groups under age 40 (Figure 4).

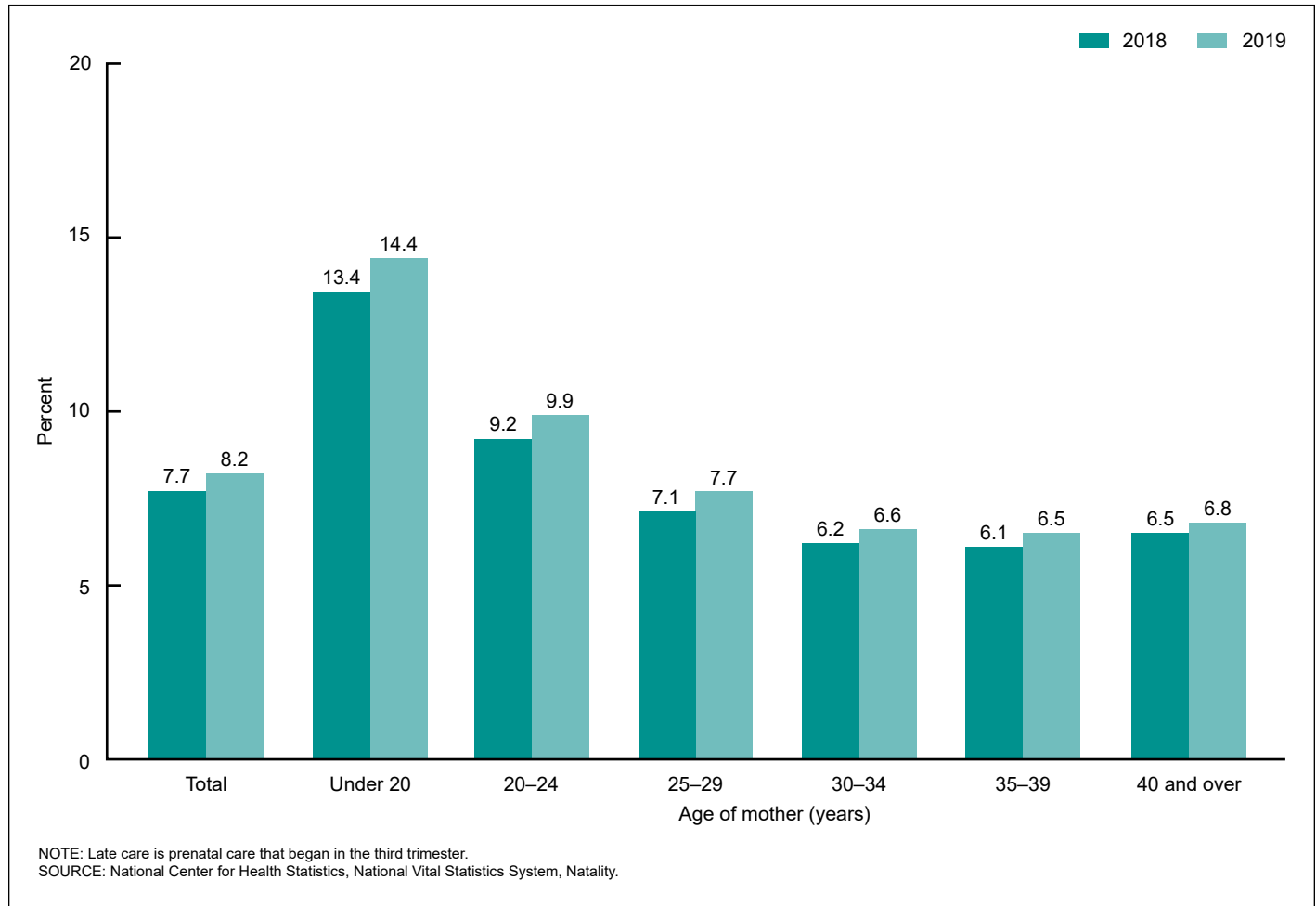
Timing of prenatal care continued to vary by race and Hispanic origin in 2019. First trimester care ranged from 50.0% for non-Hispanic NHOPI to 82.8% for non-Hispanic white women; late or no prenatal care ranged from 4.5% for non-Hispanic white women to 20.5% for non-Hispanic NHOPI women (Table 13).

By age of mother, women aged 35–39 were less likely to receive first trimester prenatal care in 2019 (81.6%) than in 2018 (81.7%). Rates for all other age groups were unchanged in 2019 (Table 16) (15).

Method of delivery

Cesarean delivery

In 2019, the cesarean delivery rate decreased to 31.7%, from 31.9% in 2018 (Figure 1, Table 17), the lowest rate since 2006 (31.1%) (11). The cesarean delivery rate peaked in 2009 at 32.9% after increasing every year since 1996 (20.7%) (11,15).

Figure 4. Late or no prenatal care, by age of mother among Hispanic women: United States, 2018–2019

The cesarean delivery rate decreased for each of the three largest race and Hispanic-origin groups, from 30.8% in 2018 to 30.7% in 2019 for non-Hispanic white women, 36.1% to 35.9% for non-Hispanic black women, and 31.6% to 31.3% for Hispanic women (Table 17). Tables 13 and 14 show cesarean delivery rates for more detailed race and Hispanic-origin groups.

By maternal age, cesarean delivery decreased for all age groups except 35–39, for which it was unchanged (40.0%) (Table 18). Cesarean delivery continued to be higher among older women compared with younger mothers; women aged 40 and over (47.4%) were more than twice as likely to deliver by cesarean than women under age 20 (19.3%).

Low-risk cesarean delivery—The low-risk cesarean delivery rate also decreased in 2018, from 25.9% to 25.6% for 2018–2019. 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), and 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 2019, the primary cesarean delivery rate, which measures cesarean deliveries among women who have not had a previous cesarean delivery, was 21.6%, down from 21.7% in 2018. (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 2019, 13.8% of women with a previous cesarean delivered vaginally, up 4% from 13.3% in 2018; the rate has increased every year since 2016 when national data became available. See Tables 17 and 18 for details. Changes in VBAC overall and by race and Hispanic origin through 2018 are presented in a recent report (17).

Source of payment for the delivery

The principal source of payment for the delivery of most births in 2019 continued to be either private insurance or Medicaid; however, the percentage of births covered by private insurance increased from 2018 (from 49.6% to 50.2%), and the percentage of births covered by Medicaid declined (from 42.3% to 42.1%). The category “self-pay,” generally considered to indicate uninsured deliveries, accounted for 4.2% of 2019 births, unchanged from 2018. The remainder of births were covered by other insurance (3.5%; down from 3.9% in 2018); other insurance includes Indian Health Service, CHAMPUS or TRICARE, other government (federal, state, or local), or charity (Table 19) (15).

The percentage of births covered by private insurance increased from 2018 to 2019 for each of the three largest race and Hispanic-origin groups (Table 19) (15). In 2019, the percentage of mothers using private insurance ranged from 29.3% for non-Hispanic black women to 63.8% for non-Hispanic white women; the percentage for Hispanic women was 30.5%. Changes in Medicaid coverage for the delivery were presented in a previous report (2). In 2019, Medicaid coverage ranged from 29.4% for non-Hispanic white women to 59.0% for Hispanic women and 65.1% for non-Hispanic black women. See Tables 13 and 14 for information on additional race and Hispanic-origin groups.

By age of mother, Medicaid as the source of payment declined for women aged 20–24 (63.1% to 62.9%) and 25–29 (44.8% to 44.7%), increased for women under age 20 (77.3% to 78.2%) and aged 30–34 (29.4% to 29.6%), and remained unchanged for women aged 35 and over between 2018 and 2019 (Table 19) (15). The percentages of births with Medicaid as the source of payment ranged from 27.4% for women aged 35–39 to 78.2% for women under age 20. Private insurance as the source of payment for the delivery increased in 2019 for women in age groups 20 and over. Percentages with private insurance ranged from 15.0% for women under age 20 to 65.1 for women aged 35–39 (Table 19).

Infant Health Characteristics (Tables 20–25)

Period of gestation

The U.S. preterm birth rate rose to 10.23% in 2019, up 2% from 2018 (10.02%), and the fifth straight year of increases in this rate (9.57% in 2014). The preterm birth rate (percentage of all births delivered at less than 37 completed weeks of gestation) had declined steadily from 2007 (10.44%) (11) to 2014 (Table 20). (National data based on the obstetric estimate of gestation are available only from 2007 (18); see Technical Notes.)

Most of the increase in the total preterm birth rate for 2018–2019 was among infants born late preterm (34–36 weeks), up from 7.28% to 7.46%. The early preterm birth rate (less than 34 weeks) increased from 2.75% in 2018 to 2.77% in 2019. The early preterm rate was essentially unchanged from 2014 to 2018, but is down from 2.93% in 2007 (11,18).

Changes in the distribution of births delivered at term and later (37 and higher weeks) were also observed from 2018 to 2019. The percentage of infants born early term (37–38 weeks) rose by 3% in 2019, from 26.53% to 27.31%, and the full-term (39–40 weeks) birth rate declined, from 57.24% to 57.02%. From 2007 to 2014, in contrast, the early-term birth rate had generally been on the decline and the full-term rate had been on the rise (11). Declines were also seen from 2018 to 2019 in late (41 weeks) and post-term (42 weeks and higher) births (Table 20). Similar trends in births delivered at less than full term were seen for the three largest race and Hispanic-origin groups for 2018–2019.

Preterm birth rates rose by 2% among births to non-

Hispanic white (from 9.09% to 9.26%), non-Hispanic black (14.13% to 14.39%), and Hispanic mothers (9.73% to 9.97%) between 2018 and 2019 (Table 20). For 2019, preterm birth rates for the race and Hispanic-origin groups ranged from a high of 14.39% among births to non-Hispanic black mothers, to a low of 8.72% among non-Hispanic Asian mothers (Table 13). Preterm levels for the Hispanic subgroups ranged from 9.44% (Central and South American) to 11.51% (Puerto Rican) (Table 14).

It can also be important to analyze births in singleton deliveries separately from all births because of the shorter average gestations of multiple births and their attendant potential influence on preterm birth rates (also see “Multiple births” in this report). The 2019 preterm birth rate for singleton births only was 8.47%, a 3% increase over the 2018 level of 8.24%, and an 8% rise from 2015 (7.82%). From 2007 through 2014, the singleton preterm rate had declined from 8.59% to 7.74% (see Table for 2019 data) (15).

Increases in preterm birth rates were observed in 15 states between 2018 and 2019: California, Colorado, Delaware, Florida, Kansas, Minnesota, Nevada, New York, North Carolina, Ohio, Oregon, Pennsylvania, Texas, Virginia, and West Virginia. The rate declined in one state (Iowa) for this period. See Table I–19 for 2019 data.

Birthweight

The percentage of infants born low birthweight (LBW) was 8.31% for 2019, a nonsignificant increase from 2018 (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%) (Tables 22 and 23) (11). From 1990 to 2006, LBW levels rose nearly 20%, but then declined from 2007 to 2012 (7.99%) (11).

The very low birthweight (VLBW, less than 1,500 grams) rate was unchanged at 1.38% in 2019. 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 (11). The percentage of moderately low birthweight infants (1,500–2,499 grams) was 6.93% in 2019, a nonstatistically significant increase from 2018 (6.90%); moderately low birthweight levels for 2016–2019 have matched or surpassed the peak reported for 2006 (6.77%) (Table 22) (11).

Between 2018 and 2019, LBW rates were essentially unchanged among births to non-Hispanic white women (6.89% for 2019), non-Hispanic black women (14.15%), and Hispanic women (7.55%). Since 2016, LBW rates have declined 1% for non-Hispanic white women (from 6.97%), but are up 3% for non-Hispanic black (13.68%) and Hispanic (7.32%) women (Table 22). See Tables 13, 14, I–21, and I–22 for 2019 VLBW and LBW rates by state and by race and Hispanic origin.

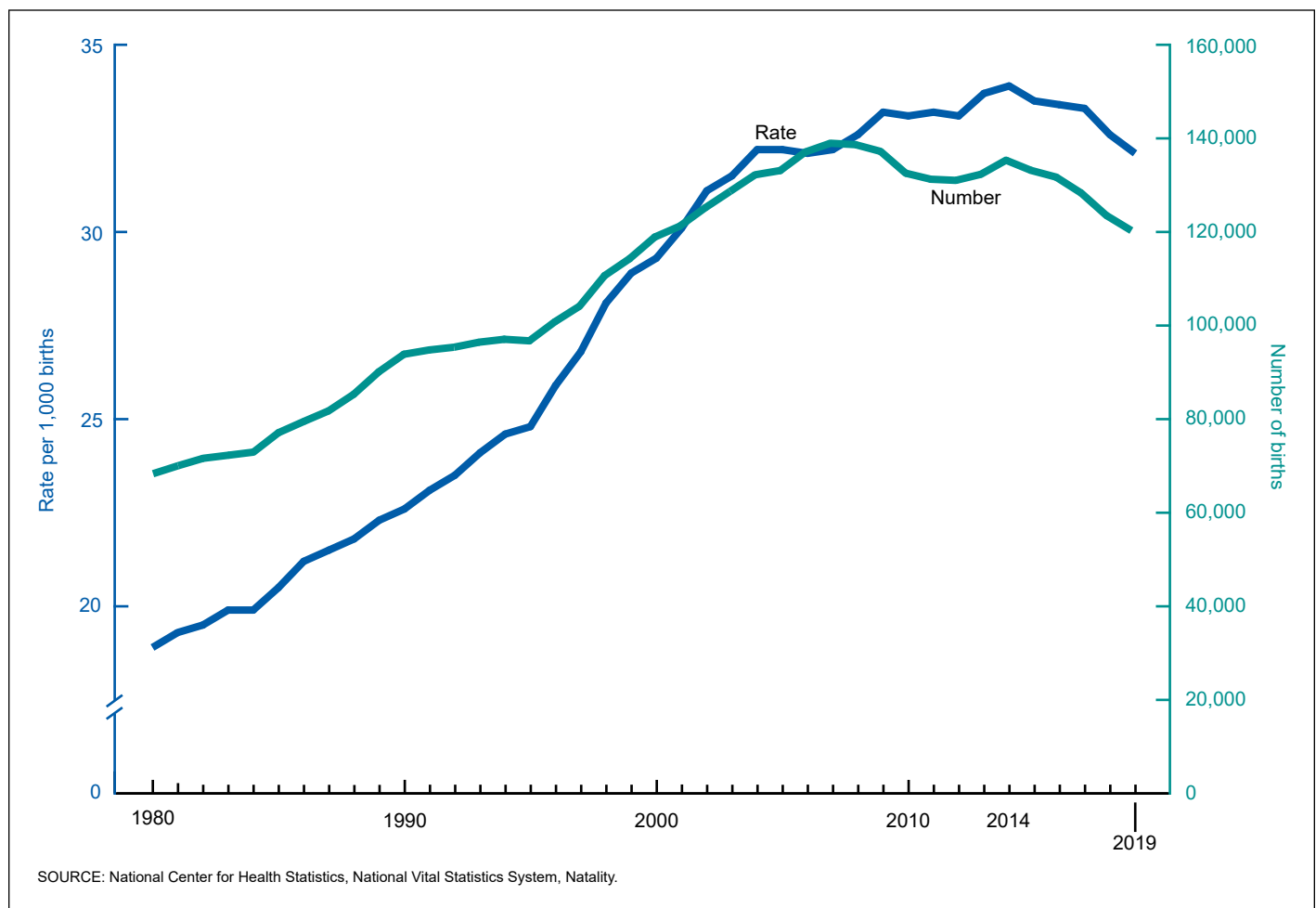
The LBW rate among singleton births only rose from 6.60% to 6.67% from 2018 to 2019 (15); the increase was among infants born moderately low birthweight; see the Table for 2019 data and “Multiple births.” It can be informative to examine births in singleton deliveries separately because multiple births tend to be born smaller than singletons, and changes in multiple-birth incidence can influence overall LBW levels.

Table. Gestational age and birthweight characteristics by plurality: United States, 2019

Plurality	Number of births	Percent			
		Early preterm ¹	Preterm ²	Very low birthweight ³	Low birthweight ⁴
All births	3,747,540	2.77	10.23	1.38	8.31
Singleton	3,623,963	2.14	8.47	1.09	6.67
Twin	120,291	19.96	60.87	9.40	55.48
Triplet	3,136	62.90	98.50	34.10	95.29
Quadruplet	114	85.09	95.61	61.40	95.61
Quintuplet and higher-order multiples	36	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.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Natality.

Figure 5. Number and rate of twin births: United States, 1980–2019

Multiple births

The 2019 twin birth rate was 32.1 twins per 1,000 births, a 2% decline from the 2018 rate of 32.6, and down 5% from the 2014 high of 33.9. 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 (Figure 5, Tables 24 and 25) (11).

The triplet and higher-order multiple birth rate (triplet/+) was 87.7 per 100,000 births for 2019, a 6% decline from 2017 (93.0) and down 55% from the 1998 peak (193.5) (11). 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) (11).

There were 120,291 infants born in twin deliveries in 2019, a decline of 3% from the number in 2018 (Table 25). The number

of triplet/+ born in 2019, 3,286, was the lowest number reported since 1990 and less than one-half of the highest number reported (7,663 triplet/+ in 2003) (11). In 2019, triplet/+ births included 3,136 triplets, 114 quadruplets, and 36 quintuplet and higher-order multiple births. See the [Table](#) for the number of births and percentages of preterm and LBW births by specified plurality.

Twin birth rates declined among non-Hispanic white women by 3% from 2018 to 2019 (from 34.4 to 33.4 per 1,000), but were largely stable among non-Hispanic black (40.8 to 40.9) and Hispanic (24.4 to 24.6) women. Triplet/+ birth rates declined 5% among non-Hispanic white women (102.0 to 97.3) and 10% among non-Hispanic black women (119.2 to 107.5), but were not significantly changed for Hispanic women (64.7 to 66.6) ([Table 24](#); see also [Tables 13](#) and [14](#) for 2019 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, 2010–2019, and by race and Hispanic origin, United States, 2016–2019

[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			
2019.....	3,747,540	11.4	58.3
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:			
2019.....	1,915,912	9.8	55.3
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:			
2019.....	548,075	13.4	61.4
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:			
2019.....	28,450	11.9	56.2
2018.....	29,092	12.2	57.7
2017.....	29,957	12.6	59.5
2016.....	31,452	13.3	62.7
Asian:			
2019.....	238,769	13.0	55.3
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:			
2019.....	9,770	17.0	74.9
2018.....	9,476	16.6	73.0
2017.....	9,426	16.7	72.8
2016.....	9,342	16.8	72.9
Hispanic ³			
2019.....	886,467	14.6	65.3
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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 2. Birth rates, by age of mother: United States, 2010–2019, and by age and race and Hispanic origin of mother: United States, 2016–2019

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

Year and race and Hispanic origin	Total fertility rate	Age of mother (years)									
		10–14	15–19			20–24	25–29	30–34	35–39	40–44	45–49 ¹
			Total	15–17	18–19						
All races and origins²											
2019.....	1,706.0	0.2	16.7	6.7	31.1	66.6	93.7	98.3	52.8	12.0	0.9
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:											
2019.....	1,610.5	0.1	11.4	3.8	22.3	56.1	90.8	101.5	51.1	10.3	0.8
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:											
2019.....	1,775.5	0.4	25.8	11.1	46.4	88.3	96.4	82.9	47.6	12.6	1.1
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:											
2019.....	1,611.5	0.3	29.2	13.5	51.8	86.7	89.1	72.0	36.6	8.0	0.4
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:											
2019.....	1,511.0	*	2.7	0.9	5.2	23.1	71.4	115.6	71.0	16.5	1.9
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:											
2019.....	2,178.0	*	26.2	7.7	53.8	121.4	123.5	95.3	54.1	14.2	*
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											
2019.....	1,940.0	0.3	25.3	11.5	46.2	88.0	108.0	96.3	54.6	14.5	1.0
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 National Center for Health Statistics 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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 3. Births, by age of mother, live-birth order, and race and Hispanic origin of mother: United States, 2019

[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							
All races and origins¹															
Total	3,747,540	1,787	171,674	4,725	11,862	24,494	47,473	83,120	704,342	1,078,097	1,089,281	572,598	120,152	8,536	1,073
1st child	1,411,505	1,766	144,414	4,611	11,241	22,220	40,598	65,744	375,889	402,394	331,634	128,254	24,561	2,263	330
2nd child	1,204,140	19	23,727	107	582	2,090	6,148	14,800	224,339	357,159	372,628	189,921	33,781	2,269	297
3rd child	639,981	-	2,871	-	18	123	570	2,160	76,855	195,531	213,135	125,236	24,817	1,385	151
4th child	279,212	-	275	1	-	4	41	229	19,730	79,382	98,191	65,016	15,579	926	113
5th child	111,656	-	36	-	1	2	7	26	4,489	27,375	40,173	30,339	8,618	563	63
6th child	47,504	-	9	-	-	3	1	5	975	9,146	17,331	14,909	4,730	356	48
7th child	21,568	-	1	-	-	-	1	-	220	2,884	7,684	7,828	2,707	222	22
8th child and over	23,151	-	4	-	-	1	1	2	253	1,712	6,011	9,641	4,992	502	36
Not stated	8,823	2	337	6	20	51	106	154	1,592	2,514	2,494	1,454	367	50	13
Non-Hispanic, single race²															
White	1,915,912	370	60,484	1,167	3,196	7,490	16,448	32,183	313,275	556,533	618,176	305,886	56,897	3,830	461
1st child	747,917	366	51,430	1,142	3,047	6,899	14,303	26,039	173,178	230,330	203,446	74,584	13,239	1,192	152
2nd child	644,456	3	8,016	23	141	544	1,948	5,360	99,318	186,881	223,205	108,318	17,502	1,072	141
3rd child	312,502	-	839	-	3	28	152	656	31,346	90,237	113,424	65,090	11,000	507	59
4th child	122,465	-	73	-	-	1	10	62	7,013	33,204	46,248	29,534	6,032	322	39
5th child	44,806	-	8	-	1	-	1	6	1,352	10,253	17,361	12,533	3,094	183	22
6th child	18,960	-	-	-	-	-	-	-	247	3,083	7,369	6,360	1,767	120	14
7th child	9,039	-	-	-	-	-	-	-	64	859	3,293	3,608	1,123	84	8
8th child and over	11,594	-	2	-	-	-	-	2	104	530	2,515	5,124	2,967	332	20
Not stated	4,173	1	116	2	4	18	34	58	653	1,156	1,315	735	173	18	6
Black	548,075	552	36,696	1,215	2,684	5,344	10,269	17,184	132,605	165,655	126,332	68,219	16,605	1,228	183
1st child	189,807	545	30,534	1,186	2,514	4,817	8,695	13,322	68,294	47,917	27,213	12,070	2,887	285	62
2nd child	157,547	6	5,248	28	163	472	1,389	3,196	40,608	52,174	36,806	18,374	3,963	316	52
3rd child	101,216	-	730	-	5	37	140	548	16,266	35,114	29,238	16,003	3,636	209	20
4th child	52,069	-	84	1	-	3	10	70	5,198	17,797	16,421	9,890	2,520	142	17
5th child	24,102	-	16	-	-	-	5	11	1,432	7,586	8,299	5,227	1,436	98	8
6th child	11,067	-	4	-	-	2	1	1	369	2,936	4,132	2,755	805	55	11
7th child	5,302	-	-	-	-	-	-	-	76	1,080	2,036	1,601	462	42	5
8th child and over	5,565	-	1	-	-	1	-	-	56	632	1,845	2,118	834	71	8
Not stated	1,400	1	79	-	2	12	29	36	306	419	342	181	62	10	-
American Indian or Alaska Native	28,450	27	2,516	87	199	404	653	1,173	7,696	8,638	6,114	2,881	552	26	-
1st child	8,627	26	2,064	85	190	352	545	892	3,508	1,817	839	313	57	3	-
2nd child	7,490	1	385	2	8	49	95	231	2,634	2,503	1,357	501	104	5	-
3rd child	5,359	-	58	-	-	3	12	43	1,087	2,054	1,455	596	103	6	-
4th child	3,255	-	4	-	-	-	-	4	339	1,272	1,058	499	82	1	-
5th child	1,781	-	-	-	-	-	-	-	83	620	643	366	68	1	-
6th child	931	-	-	-	-	-	-	-	15	218	392	245	57	4	-
7th child	485	-	-	-	-	-	-	-	4	73	219	153	34	2	-
8th child and over	437	-	-	-	-	-	-	-	-	49	140	198	46	4	-
Not stated	85	-	5	-	1	-	1	3	26	32	11	10	1	-	-

See footnotes at end of table.

Table 3. Births, by age of mother, live-birth order, and race and Hispanic origin of mother: United States, 2019—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	238,769	5	1,357	16	66	190	367	718	13,709	55,116	96,759	58,302	12,298	1,078	145	
1st child	107,612	5	1,131	15	62	167	308	579	9,032	32,253	43,786	17,590	3,409	349	57	
2nd child	90,069	—	195	1	4	22	52	116	3,551	16,472	38,502	26,172	4,781	360	36	
3rd child	27,897	—	27	—	—	—	6	21	842	4,459	10,082	9,826	2,445	193	23	
4th child	8,334	—	2	—	—	—	1	1	218	1,270	2,805	2,970	955	95	19	
5th child	2,657	—	—	—	—	—	—	—	34	402	871	944	363	38	5	
6th child	991	—	—	—	—	—	—	—	10	115	321	360	161	22	2	
7th child	384	—	—	—	—	—	—	—	2	33	119	154	70	6	—	
8th child and over	414	—	—	—	—	—	—	—	3	18	108	180	92	11	2	
Not stated	411	—	2	—	—	1	—	1	17	94	165	106	22	4	1	
Native Hawaiian or Other Pacific																
Islander	9,770	1	520	11	29	52	144	284	2,490	2,944	2,311	1,226	264	14	—	
1st child	2,904	1	425	11	27	46	124	217	1,203	719	360	164	30	2	—	
2nd child	2,361	—	77	—	1	4	18	54	733	810	486	210	44	1	—	
3rd child	1,782	—	12	—	—	—	1	11	370	656	472	221	48	3	—	
4th child	1,123	—	1	—	—	—	—	1	111	403	388	181	37	2	—	
5th child	769	—	—	—	—	—	—	—	42	220	289	183	34	1	—	
6th child	385	—	—	—	—	—	—	—	7	73	177	108	19	1	—	
7th child	196	—	—	—	—	—	—	—	1	31	79	61	22	2	—	
8th child and over	190	—	—	—	—	—	—	—	1	17	52	88	30	2	—	
Not stated	60	—	5	—	1	2	1	1	22	15	8	10	—	—	—	
Hispanic³																
Total Hispanic	886,467	742	62,654	2,020	5,111	9,958	17,471	28,094	207,552	256,385	209,283	118,441	29,489	1,792	129	
1st child	306,595	734	52,449	1,971	4,848	8,988	14,764	21,878	106,228	77,609	46,193	19,019	3,990	335	38	
2nd child	266,467	8	8,891	46	245	907	2,408	5,285	69,105	87,974	63,050	30,750	6,278	378	33	
3rd child	172,150	—	1,108	—	10	48	245	805	24,065	56,854	52,881	30,081	6,809	334	18	
4th child	83,023	—	93	—	—	—	19	74	6,020	22,764	28,300	20,064	5,474	291	17	
5th child	33,778	—	12	—	—	2	1	9	1,353	7,314	11,378	10,161	3,365	185	10	
6th child	13,437	—	5	—	—	1	—	4	287	2,383	4,317	4,567	1,743	126	9	
7th child	5,366	—	1	—	—	—	1	—	70	686	1,662	1,975	903	65	4	
8th child and over	4,177	—	0	—	—	—	—	—	81	395	1,152	1,609	873	67	—	
Not stated	1,474	—	95	3	8	12	33	39	343	406	350	215	54	11	—	

— 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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 4. Births, by age of mother, live-birth order, and Hispanic origin of mother: United States, 2019

[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	886,467	742	62,654	2,020	5,111	9,958	17,471	28,094	207,552	256,385	209,283	118,441	29,489	1,792	129
1st child	306,595	734	52,449	1,971	4,848	8,988	14,764	21,878	106,228	77,609	46,193	19,019	3,990	335	38
2nd child	266,467	8	8,891	46	245	907	2,408	5,285	69,105	87,974	63,050	30,750	6,278	378	33
3rd child	172,150	–	1,108	–	10	48	245	805	24,065	56,854	52,881	30,081	6,809	334	18
4th child	83,023	–	93	–	–	–	19	74	6,020	22,764	28,300	20,064	5,474	291	17
5th child	33,778	–	12	–	–	2	1	9	1,353	7,314	11,378	10,161	3,365	185	10
6th child	13,437	–	5	–	–	1	–	4	287	2,383	4,317	4,567	1,743	126	9
7th child	5,366	–	1	–	–	–	1	–	70	686	1,662	1,975	903	65	4
8th child and over	4,177	–	–	–	–	–	–	–	81	395	1,152	1,609	873	67	–
Not stated	1,474	–	95	3	8	12	33	39	343	406	350	215	54	11	–
Mexican	496,716	369	36,849	1,175	2,981	5,870	10,231	16,592	121,541	146,250	112,292	62,821	15,647	897	50
1st child	164,599	366	30,891	1,151	2,838	5,306	8,685	12,911	61,360	40,963	20,997	8,250	1,640	115	17
2nd child	141,552	3	5,217	23	136	533	1,374	3,151	40,561	48,923	30,518	13,527	2,626	166	11
3rd child	100,463	–	651	–	4	26	152	469	14,569	34,664	30,463	16,438	3,505	167	6
4th child	52,645	–	49	–	–	–	7	42	3,758	14,612	18,076	12,610	3,362	173	5
5th child	21,967	–	8	–	–	1	1	6	890	4,664	7,450	6,627	2,215	108	5
6th child	8,837	–	3	–	–	1	–	2	189	1,586	2,850	2,997	1,127	81	4
7th child	3,487	–	1	–	–	–	1	–	47	438	1,078	1,265	611	45	2
8th child and over	2,662	–	–	–	–	–	–	–	49	254	731	1,039	549	40	–
Not stated	504	–	29	1	3	3	11	11	118	146	129	68	12	2	–
Puerto Rican	70,950	65	5,250	149	351	795	1,419	2,536	18,948	21,433	15,660	7,743	1,715	123	13
1st child	26,750	65	4,481	143	336	727	1,217	2,058	9,866	6,707	3,770	1,510	309	40	2
2nd child	22,009	–	658	6	13	64	174	401	6,143	7,287	5,025	2,376	484	31	5
3rd child	12,660	–	84	–	1	4	18	61	2,182	4,560	3,662	1,759	387	23	3
4th child	5,432	–	8	–	–	–	4	4	537	1,807	1,806	1,016	242	13	3
5th child	2,206	–	–	–	–	–	–	–	118	658	763	534	123	10	–
6th child	904	–	1	–	–	–	–	1	30	231	318	245	77	2	–
7th child	426	–	–	–	–	–	–	–	7	74	169	140	36	–	–
8th child and over	346	–	–	–	–	–	–	0	9	37	108	138	50	4	–
Not stated	217	–	18	–	1	–	6	11	56	72	39	25	7	–	–
Cuban	23,668	3	671	13	39	84	178	357	3,770	7,063	7,799	3,608	694	56	4
1st child	10,849	3	601	13	35	79	158	316	2,498	3,480	2,997	1,072	176	21	1
2nd child	8,585	–	64	–	4	5	17	38	1,007	2,502	3,154	1,566	272	18	2
3rd child	2,868	–	4	–	–	–	2	2	200	769	1,140	616	131	7	1
4th child	847	–	–	–	–	–	–	–	44	216	303	214	65	5	–
5th child	257	–	–	–	–	–	–	–	3	47	109	75	20	3	–
6th child	120	–	–	–	–	–	–	–	5	22	44	33	16	–	–
7th child	36	–	–	–	–	–	–	–	–	5	12	15	4	–	–
8th child and over	43	–	–	–	–	–	–	–	2	7	18	8	7	1	–
Not stated	63	–	2	–	–	–	1	1	11	15	22	9	3	1	–

See footnotes at end of table.

Table 4. Births, by age of mother, live-birth order, and Hispanic origin of mother: United States, 2019—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	32,483	16	1,599	46	112	264	423	754	6,655	10,085	8,357	4,539	1,151	71	10
1st child	12,601	16	1,391	46	108	242	365	630	4,140	3,865	2,191	781	195	18	4
2nd child	11,130	—	189	—	4	21	55	109	1,898	3,849	3,248	1,610	319	13	4
3rd child	5,914	—	12	—	—	1	1	10	465	1,732	1,958	1,380	346	21	—
4th child	1,933	—	2	—	—	—	—	2	109	466	675	498	169	12	2
5th child	546	—	—	—	—	—	—	—	14	108	176	173	72	3	—
6th child	156	—	—	—	—	—	—	—	3	24	47	47	34	1	—
7th child	54	—	—	—	—	—	—	—	3	2	22	19	6	2	—
8th child and over	48	—	—	—	—	—	—	—	1	10	16	14	7	—	—
Not stated	101	—	5	—	—	—	2	3	22	29	24	17	3	1	—
Central and South American	165,229	195	10,433	374	942	1,692	2,972	4,453	32,228	43,135	43,439	27,740	7,519	501	39
1st child	56,256	191	8,597	366	887	1,531	2,462	3,351	16,069	13,980	10,977	5,128	1,196	108	10
2nd child	53,968	4	1,613	7	50	150	458	948	11,425	16,006	14,526	8,327	1,947	112	8
3rd child	32,166	—	176	—	3	6	37	130	3,702	8,789	10,475	7,075	1,844	98	7
4th child	13,705	—	16	—	—	—	6	10	763	3,031	4,721	3,939	1,167	64	4
5th child	5,299	—	2	—	—	—	—	2	138	904	1,730	1,806	667	49	3
6th child	2,019	—	—	—	—	—	—	—	18	231	582	824	327	32	5
7th child	803	—	—	—	—	—	—	—	7	63	204	340	171	16	2
8th child and over	594	—	—	—	—	—	—	—	10	29	129	231	178	17	—
Not stated	419	—	29	1	2	5	9	12	96	102	95	70	22	5	—
Other and unknown															
Hispanic	97,421	94	7,852	263	686	1,253	2,248	3,402	24,410	28,419	21,736	11,990	2,763	144	13
1st child	35,540	93	6,488	252	644	1,103	1,877	2,612	12,295	8,614	5,261	2,278	474	33	4
2nd child	29,223	1	1,150	10	38	134	330	638	8,071	9,407	6,579	3,344	630	38	3
3rd child	18,079	—	181	—	2	11	35	133	2,947	6,340	5,183	2,813	596	18	1
4th child	8,461	—	18	—	—	—	2	16	809	2,632	2,719	1,787	469	24	3
5th child	3,503	—	2	—	—	1	—	1	190	933	1,150	946	268	12	2
6th child	1,401	—	1	—	—	—	—	1	42	289	476	421	162	10	—
7th child	560	—	—	—	—	—	—	—	6	104	177	196	75	2	—
8th child and over	484	—	—	—	—	—	—	—	10	58	150	179	82	5	—
Not stated	170	—	12	1	2	4	4	1	40	42	41	26	7	2	—

— 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: National Center for Health Statistics, 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, 2019

[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 origins²											
Total	58.3	0.2	16.7	6.7	31.1	66.6	93.7	98.3	52.8	12.0	0.9
1st child	22.0	0.2	14.0	6.2	25.4	35.6	35.1	30.0	11.8	2.5	0.3
2nd child	18.8	*	2.3	0.5	5.0	21.3	31.1	33.7	17.5	3.4	0.3
3rd child	10.0	*	0.3	0.0	0.7	7.3	17.0	19.3	11.6	2.5	0.1
4th child	4.4	*	0.0	*	0.1	1.9	6.9	8.9	6.0	1.6	0.1
5th child	1.7	*	0.0	*	0.0	0.4	2.4	3.6	2.8	0.9	0.1
6th and 7th child	1.1	*	*	*	*	0.1	1.0	2.3	2.1	0.7	0.1
8th child and over	0.4	*	*	*	*	0.0	0.1	0.5	0.9	0.5	0.1
Non-Hispanic, single race³											
White	55.3	0.1	11.4	3.8	22.3	56.1	90.8	101.5	51.1	10.3	0.8
1st child	21.6	0.1	9.7	3.6	18.5	31.1	37.6	33.5	12.5	2.4	0.2
2nd child	18.6	*	1.5	0.2	3.4	17.8	30.5	36.6	18.1	3.2	0.2
3rd child	9.0	*	0.2	0.0	0.4	5.6	14.8	18.6	10.9	2.0	0.1
4th child	3.6	*	0.0	*	0.0	1.3	5.4	7.6	4.9	1.1	0.1
5th child	1.3	*	*	*	*	0.2	1.7	2.9	2.1	0.6	0.0
6th and 7th child	0.8	*	*	*	*	0.1	0.6	1.8	1.7	0.5	0.0
8th child and over	0.3	*	*	*	*	0.0	0.1	0.4	0.9	0.5	0.1
Black	61.4	0.4	25.8	11.1	46.4	88.3	96.4	82.9	47.6	12.6	1.1
1st child	21.3	0.4	21.5	10.3	37.3	45.6	28.0	18.0	8.5	2.2	0.3
2nd child	17.7	*	3.7	0.8	7.8	27.1	30.4	24.2	12.9	3.0	0.3
3rd child	11.4	*	0.5	0.1	1.2	10.8	20.4	19.2	11.2	2.8	0.2
4th child	5.9	*	0.1	*	0.1	3.5	10.4	10.8	6.9	1.9	0.1
5th child	2.7	*	*	*	*	1.0	4.4	5.4	3.6	1.1	0.1
6th and 7th child	1.8	*	*	*	*	0.3	2.3	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	56.2	0.3	29.2	13.5	51.8	86.7	89.1	72.0	36.6	8.0	0.4
1st child	17.1	0.3	24.0	12.3	40.8	39.7	18.9	10.2	4.1	0.8	*
2nd child	14.8	*	4.5	1.1	9.3	29.8	25.9	16.0	6.4	1.5	*
3rd child	10.6	*	0.7	*	1.5	12.3	21.3	17.0	7.6	1.5	*
4th child	6.4	*	*	*	*	3.8	13.1	12.4	6.3	1.2	*
5th child	3.5	*	*	*	*	0.9	6.4	7.6	4.7	0.9	*
6th and 7th child	2.8	*	*	*	*	*	3.0	7.2	5.0	1.3	*
8th child and over	0.9	*	*	*	*	*	0.5	1.6	2.5	0.7	*
Asian	55.3	*	2.7	0.9	5.2	23.1	71.4	115.6	71.0	16.5	1.9
1st child	24.9	*	2.2	0.8	4.2	15.2	41.7	52.3	21.5	4.6	0.6
2nd child	20.8	*	0.4	0.1	0.8	6.0	21.4	45.9	31.7	6.4	0.6
3rd child	6.5	*	0.0	*	0.1	1.4	5.9	12.2	12.0	3.3	0.4
4th child	2.0	*	*	*	*	0.4	1.7	3.5	3.7	1.3	0.2
5th child	0.6	*	*	*	*	0.1	0.5	1.1	1.2	0.5	0.1
6th and 7th child	0.3	*	*	*	*	*	0.2	0.6	0.7	0.3	0.1
8th child and over	0.1	*	*	*	*	*	0.0	0.1	0.2	0.1	*
Native Hawaiian or Other Pacific Islander	74.9	*	26.2	7.7	53.8	121.4	123.5	95.3	54.1	14.2	*
1st child	22.5	*	21.6	7.3	43.1	59.1	30.8	15.5	7.6	1.6	*
2nd child	18.3	*	4.0	*	9.1	36.4	34.1	20.3	9.5	2.4	*
3rd child	13.6	*	*	*	*	18.0	27.4	19.2	10.0	2.5	*
4th child	8.7	*	*	*	*	5.4	17.2	16.0	8.0	2.1	*
5th child	5.8	*	*	*	*	2.0	9.0	11.8	7.9	1.7	*
6th and 7th child	4.5	*	*	*	*	*	4.4	10.5	7.3	2.2	*
8th child and over	1.5	*	*	*	*	*	*	2.1	3.8	1.6	*

Table 5. Birth rates, by age of mother, live-birth order, and race and Hispanic origin of mother: United States, 2019—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						
Hispanic ⁴											
Total	65.3	0.3	25.3	11.5	46.2	88.0	108.0	96.3	54.6	14.5	1.0
1st child	22.6	0.3	21.3	10.6	37.3	45.1	32.7	21.3	8.8	2.0	0.2
2nd child	19.7	*	3.6	0.8	7.8	29.3	37.1	29.1	14.2	3.1	0.2
3rd child	12.7	*	0.4	0.0	1.1	10.2	24.0	24.4	13.9	3.4	0.2
4th child	6.1	*	0.0	*	0.1	2.6	9.6	13.0	9.3	2.7	0.2
5th child	2.5	*	*	*	*	0.6	3.1	5.2	4.7	1.7	0.1
6th and 7th child	1.4	*	*	*	*	0.2	1.3	2.8	3.0	1.3	0.1
8th child and over	0.3	*	*	*	*	0.0	0.2	0.5	0.7	0.4	0.0

* Estimate does not meet National Center for Health Statistics standards of reliability.

0.0 Quantity more than zero but less than 0.05.

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 6. Births, by race and Hispanic origin of mother: United States, each state and territory, 2019

[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		
Number								
United States ⁴	3,747,540	1,915,912	548,075	28,450	238,769	9,770	886,467	
Alabama	58,615	33,394	18,197	151	886	37	4,910	
Alaska	9,822	4,859	290	1,885	581	302	787	
Arizona	79,375	31,940	4,542	3,911	2,827	222	33,639	
Arkansas	36,564	23,065	6,998	191	722	539	4,088	
California	446,479	121,076	22,374	1,458	67,754	1,711	203,996	
Colorado	62,869	36,022	3,044	365	2,540	168	18,205	
Connecticut	34,258	18,366	4,221	24	2,199	9	8,728	
Delaware	10,562	5,024	2,804	14	624	4	1,737	
District of Columbia	9,079	2,985	4,131	11	392	4	1,354	
Florida	220,002	93,590	47,730	234	7,069	166	68,234	
Georgia	126,371	54,850	43,710	87	5,809	99	18,426	
Hawaii	16,797	3,223	429	27	4,330	1,695	2,589	
Idaho	22,063	16,959	261	219	350	72	3,702	
Illinois	140,128	74,434	23,258	79	9,169	40	30,097	
Indiana	80,859	58,211	10,249	57	2,285	60	8,420	
Iowa	37,649	29,050	2,827	150	1,106	158	3,695	
Kansas	35,395	24,549	2,458	150	1,216	64	6,071	
Kentucky	53,069	42,215	5,034	50	1,078	69	3,450	
Louisiana	58,941	29,628	22,106	249	1,163	35	4,994	
Maine	11,779	10,401	541	91	217	5	257	
Maryland	70,178	28,846	21,494	75	4,928	38	12,872	
Massachusetts	69,117	39,219	6,850	79	6,228	19	14,142	
Michigan	107,886	73,025	20,370	400	4,304	33	7,117	
Minnesota	66,027	44,593	8,253	944	5,229	54	5,129	
Mississippi	36,636	18,229	15,706	225	455	17	1,709	
Missouri	72,127	52,523	10,501	145	1,814	228	4,386	
Montana	11,079	8,800	61	1,120	115	17	616	
Nebraska	24,755	16,930	1,654	323	857	18	4,345	
Nevada	35,072	12,479	4,514	277	2,587	372	13,238	
New Hampshire	11,839	10,079	255	11	508	7	771	
New Jersey	99,585	45,368	13,394	66	11,112	28	27,443	
New Mexico	22,960	6,218	355	2,633	392	10	12,924	
New York	221,539	109,281	32,075	370	24,217	70	50,323	
North Carolina	118,725	62,205	27,733	1,445	4,867	129	19,105	
North Dakota	10,454	7,567	651	785	244	18	651	
Ohio	134,461	95,621	22,555	101	4,374	103	7,725	
Oklahoma	49,143	27,427	4,101	4,662	1,251	227	7,713	
Oregon	41,858	27,639	1,007	402	2,376	341	8,180	
Pennsylvania	134,230	88,710	17,585	77	6,214	42	16,718	
Rhode Island	10,175	5,564	836	42	496	4	2,921	
South Carolina	57,038	31,660	16,802	118	1,155	58	5,741	
South Dakota	11,449	8,154	416	1,606	206	7	642	
Tennessee	80,450	52,187	15,972	92	1,811	69	8,437	
Texas	377,599	124,678	47,326	689	19,930	566	179,689	
Utah	46,826	33,363	580	357	1,092	460	8,139	
Vermont	5,361	4,856	133	10	122	1	124	
Virginia	97,429	52,997	20,339	144	7,524	127	14,442	
Washington	84,895	47,435	3,813	1,018	8,856	1,204	16,161	
West Virginia	18,136	16,476	620	8	173	5	383	
Wisconsin	63,270	44,784	6,859	632	2,942	32	6,463	
Wyoming	6,565	5,158	61	191	73	7	839	

See footnotes at end of table.

Table 6. Births, by race and Hispanic origin of mother: United States, each state and territory, 2019—Con.

[By place of residence]

Area	All races and origins ²	Non-Hispanic, single race ¹					Native Hawaiian or Other Pacific Islander	Hispanic ³
		White	Black	American Indian or Alaska Native	Asian	Number		
Puerto Rico	20,353	409	39	—	26	1	19,866	
Virgin Islands	---	---	---	---	---	---	---	
Guam	3,041	184	27	9	780	1,905	28	
American Samoa	---	---	---	---	---	---	---	
Northern Marianas	686	10	1	—	256	389	2	

— 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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 7. Births, by Hispanic origin of mother: United States, each state and territory, 2019

[By place of residence]

Area	Total	Mexican	Puerto Rican	Cuban	Dominican	Central and South American	Other and unknown Hispanic
United States ¹	886,467	496,716	70,950	23,668	32,483	165,229	97,421
Alabama	4,910	2,597	258	59	41	1,865	90
Alaska	787	386	121	29	51	77	123
Arizona	33,639	29,423	599	221	69	1,318	2,009
Arkansas	4,088	2,821	133	20	5	740	369
California	203,996	153,497	2,066	760	218	27,733	19,722
Colorado	18,205	11,660	532	177	54	1,578	4,204
Connecticut	8,728	777	4,080	104	878	2,420	469
Delaware	1,737	598	443	12	69	514	101
District of Columbia	1,354	163	60	31	42	873	185
Florida	68,234	11,071	13,523	14,880	3,252	23,526	1,982
Georgia	18,426	10,661	1,354	350	333	4,878	850
Hawaii	2,589	773	898	31	13	172	702
Idaho	3,702	2,788	59	16	4	232	603
Illinois	30,097	24,171	2,160	208	145	2,676	737
Indiana	8,420	5,603	528	70	76	1,440	703
Iowa	3,695	2,595	158	48	14	690	190
Kansas	6,071	4,476	208	59	22	903	403
Kentucky	3,450	1,512	274	373	23	860	408
Louisiana	4,994	1,184	226	131	110	2,639	704
Maine	257	65	84	16	5	63	24
Maryland	12,872	1,615	698	146	419	8,895	1,099
Massachusetts	14,142	560	4,301	172	3,183	4,106	1,820
Michigan	7,117	4,032	547	135	96	856	1,451
Minnesota	5,129	3,289	250	52	50	1,169	319
Mississippi	1,709	830	119	26	21	554	159
Missouri	4,386	2,456	256	104	52	945	573
Montana	616	377	21	0	2	50	166
Nebraska	4,345	2,911	91	126	13	1,005	199
Nevada	13,238	9,872	377	457	55	1,565	912
New Hampshire	771	103	231	21	122	147	147
New Jersey	27,443	4,022	5,886	719	5,191	10,307	1,318
New Mexico	12,924	6,743	96	73	9	180	5,823
New York	50,323	6,512	10,584	656	12,338	16,486	3,747
North Carolina	19,105	9,539	1,734	362	531	5,834	1,105
North Dakota	651	427	70	23	9	55	67
Ohio	7,725	3,118	1,897	118	213	1,822	557
Oklahoma	7,713	5,768	231	60	14	967	673
Oregon	8,180	6,838	183	87	19	757	296
Pennsylvania	16,718	2,144	7,782	272	2,799	2,421	1,300
Rhode Island	2,921	161	754	27	954	898	127
South Carolina	5,741	2,485	656	115	124	1,885	476
South Dakota	642	333	48	19	5	174	63
Tennessee	8,437	4,043	478	165	72	3,132	547
Texas	179,689	126,506	2,755	1,647	421	17,231	31,129
Utah	8,139	5,262	170	40	54	1,621	992
Vermont	124	39	31	5	8	27	14
Virginia	14,442	2,988	1,270	219	176	4,622	5,167
Washington	16,161	11,862	552	152	42	1,633	1,920
West Virginia	383	152	70	5	6	101	49
Wisconsin	6,463	4,361	1,023	64	60	542	413
Wyoming	839	547	25	6	1	45	215

See footnotes at end of table.

Table 7. Births, by Hispanic origin of mother: United States, each state and territory, 2019—Con.

[By place of residence]

Area	Total	Mexican	Puerto Rican	Cuban	Dominican	Central and South American	Other and unknown Hispanic
Puerto Rico	19,866	38	19,254	25	410	130	9
Virgin Islands	---	---	---	---	---	---	---
Guam	28	12	2	2	1	4	7
American Samoa	---	---	---	---	---	---	---
Northern Marianas	2	1	1	—	—	—	—

— Quantity zero.

--- Data not available.

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 8. Birth rates, by age of mother: United States, each state and territory, 2019

[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			20–24	25–29	30–34	35–39	40–44	45–49 ¹
					Total	15–17	18–19						
United States ²	11.4	58.3	1,706.0	0.2	16.7	6.7	31.1	66.6	93.7	98.3	52.8	12.0	0.9
Alabama	12.0	61.7	1,813.0	0.3	25.6	10.1	47.8	95.1	110.1	87.3	36.8	7.0	0.4
Alaska	13.4	68.1	1,940.5	*	18.3	6.2	39.9	93.7	110.3	96.9	54.0	13.9	*
Arizona	10.9	56.7	1,665.0	0.2	18.5	8.3	33.0	70.8	96.6	90.1	45.7	10.4	0.7
Arkansas	12.1	63.2	1,859.5	0.3	30.0	11.2	58.3	105.1	111.3	82.7	35.3	6.9	0.3
California	11.3	55.4	1,603.5	0.1	12.4	5.0	23.1	51.9	77.5	96.8	63.9	16.4	1.7
Colorado	10.9	53.3	1,533.5	0.1	13.9	6.1	25.7	57.2	78.8	91.5	52.4	11.9	0.9
Connecticut	9.6	51.1	1,544.5	*	7.7	3.3	13.5	35.6	78.1	110.9	61.4	14.1	1.0
Delaware	10.8	58.7	1,713.0	*	14.9	6.7	25.8	65.3	99.4	98.4	51.9	11.2	1.3
District of Columbia	12.9	47.7	1,307.5	*	16.8	11.8	20.2	39.4	42.6	68.4	68.3	22.7	2.9
Florida	10.2	56.6	1,657.0	0.2	16.2	6.1	31.3	65.2	90.4	94.2	52.3	12.0	0.9
Georgia	11.9	58.0	1,718.5	0.2	19.7	8.0	36.8	77.6	96.9	91.0	46.9	10.6	0.8
Hawaii	11.9	63.9	1,846.5	*	15.7	5.4	32.0	76.7	97.1	96.4	63.9	18.0	1.4
Idaho	12.3	64.0	1,920.0	*	14.9	5.0	30.7	92.8	122.1	97.8	46.2	9.4	0.7
Illinois	11.1	56.1	1,650.0	0.2	14.6	5.8	28.0	56.5	86.1	103.1	56.7	11.9	0.9
Indiana	12.0	61.7	1,819.5	0.1	20.8	7.9	39.5	82.4	113.0	97.1	41.4	8.6	0.5
Iowa	11.9	63.4	1,899.0	*	14.1	5.1	26.5	64.7	128.1	118.2	45.4	8.7	0.5
Kansas	12.1	63.0	1,870.0	*	19.2	7.3	36.8	74.6	117.4	106.1	46.3	9.6	0.6
Kentucky	11.9	62.6	1,847.5	0.2	24.9	9.4	47.6	95.5	110.8	92.1	38.1	7.5	0.4
Louisiana	12.7	63.9	1,862.5	0.4	27.8	10.9	53.9	97.0	109.3	88.6	40.9	8.2	0.3
Maine	8.8	50.6	1,495.0	*	9.1	2.7	18.0	57.1	88.5	89.6	45.3	8.8	0.5
Maryland	11.6	59.2	1,730.5	0.2	13.9	6.0	25.5	54.9	91.0	107.4	62.1	15.4	1.2
Massachusetts	10.0	49.6	1,449.5	0.1	6.9	3.0	11.3	29.8	62.8	105.4	68.1	15.7	1.1
Michigan	10.8	57.4	1,690.5	0.2	15.1	5.5	28.9	61.2	100.4	104.5	46.5	9.6	0.6
Minnesota	11.7	61.0	1,789.0	*	10.1	3.7	19.9	50.0	104.0	123.5	57.4	11.7	1.0
Mississippi	12.3	62.7	1,848.0	0.4	29.1	12.6	53.1	104.9	113.3	81.4	34.1	6.2	0.2
Missouri	11.8	61.3	1,789.5	0.2	20.3	7.6	39.2	79.6	108.7	97.2	43.0	8.4	0.5
Montana	10.4	56.8	1,658.0	*	16.3	6.1	32.0	66.0	101.8	92.9	44.8	8.9	0.8
Nebraska	12.8	66.2	1,973.0	*	15.3	6.7	27.8	67.9	128.2	120.6	50.3	11.2	0.8
Nevada	11.4	58.3	1,699.0	*	18.9	7.0	39.5	79.4	94.5	86.0	48.1	11.7	1.1
New Hampshire	8.7	48.2	1,428.0	*	6.6	1.7	13.2	37.0	81.8	102.7	47.6	9.2	0.7
New Jersey	11.2	59.5	1,766.5	0.1	10.0	4.1	19.6	45.9	85.6	123.6	70.2	16.6	1.3
New Mexico	10.9	57.6	1,694.0	0.3	24.4	10.8	44.8	82.1	99.9	82.9	39.8	8.8	0.6
New York	11.4	57.2	1,644.0	0.1	11.4	4.7	20.6	51.4	76.6	101.0	68.3	18.3	1.7
North Carolina	11.3	57.8	1,707.5	0.3	18.2	7.7	32.6	74.3	96.5	94.0	47.9	9.8	0.5
North Dakota	13.7	70.6	1,999.5	*	15.6	5.3	29.5	65.6	128.5	126.9	52.4	10.3	*
Ohio	11.5	60.8	1,783.0	0.2	18.8	6.9	36.0	76.7	105.0	101.2	45.4	8.8	0.5
Oklahoma	12.4	63.4	1,857.5	0.2	27.4	11.0	52.1	97.9	113.3	86.1	38.3	8.0	0.3
Oregon	9.9	50.6	1,465.0	*	12.1	4.1	24.0	55.8	79.9	85.0	48.5	10.8	0.8
Pennsylvania	10.5	56.3	1,646.5	0.2	13.3	6.0	23.1	58.7	92.7	101.5	51.8	10.4	0.7
Rhode Island	9.6	48.8	1,433.5	*	10.0	4.7	15.6	42.0	77.5	89.7	54.1	12.5	0.9

See footnotes at end of table.

Table 8. Birth rates, by age of mother: United States, each state and territory, 2019—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			20–24	25–29	30–34	35–39	40–44	45–49 ¹
					Total	15–17	18–19						
South Carolina	11.1	58.0	1,700.5	0.2	21.6	8.5	39.8	78.5	98.5	88.5	43.5	8.8	0.5
South Dakota	12.9	70.6	2,082.0	*	19.2	8.6	34.9	77.4	138.9	122.7	49.5	8.0	*
Tennessee	11.8	60.3	1,757.0	0.3	23.7	8.9	46.6	88.4	99.6	88.7	41.9	8.3	0.5
Texas	13.0	62.5	1,848.0	0.3	24.0	10.7	44.6	84.4	103.5	96.2	49.2	11.2	0.8
Utah	14.6	66.7	1,985.5	*	12.0	3.8	24.9	73.7	131.5	115.6	51.5	11.9	0.8
Vermont	8.6	46.8	1,428.5	*	7.6	3.0	12.3	36.3	82.3	99.7	47.2	11.4	1.1
Virginia	11.4	57.8	1,694.5	0.1	13.6	5.3	25.1	60.2	91.5	103.5	56.4	12.6	1.0
Washington	11.1	56.0	1,600.0	0.1	12.7	4.5	25.4	59.7	84.4	94.5	54.7	12.8	1.1
West Virginia	10.1	57.6	1,722.5	*	25.2	9.1	49.3	95.1	105.4	79.7	32.3	6.3	*
Wisconsin	10.9	58.1	1,733.0	0.1	12.5	4.5	24.0	55.0	106.0	114.7	48.3	9.4	0.6
Wyoming	11.3	60.8	1,797.5	*	19.4	6.6	39.2	86.9	110.2	93.6	40.3	8.1	*
Puerto Rico	6.4	33.1	982.0	*	19.1	8.5	33.2	58.5	51.4	41.5	20.5	4.9	0.3
Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---	---
Guam	18.1	92.7	2,740.0	*	33.3	17.0	56.1	121.0	150.8	137.5	83.3	19.8	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	13.3	76.6	2,635.5	*	20.7	*	34.3	81.0	152.7	153.1	100.7	18.5	*

* Estimate does not meet National Center for Health Statistics 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.

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

SOURCE: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 9. Births to unmarried women, by age and race and Hispanic origin of mother: United States, 2019

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	1,498,113	540,981	383,774	19,625	27,936	4,921	461,730
Under 15	1,779	369	551	27	5	1	734
15-19	155,449	52,391	35,905	2,373	986	461	56,344
15-17	40,018	11,376	9,206	680	242	88	16,598
18-19	115,431	41,015	26,699	1,693	744	373	39,746
20-24	469,222	175,367	117,989	6,150	4,692	1,696	143,224
25-29	436,585	156,929	121,009	5,669	8,031	1,408	127,165
30-34	268,749	97,023	69,702	3,534	7,698	874	80,400
35-39	132,295	47,106	31,280	1,567	4,954	403	42,300
40 and over	34,034	11,796	7,338	305	1,570	78	11,563
				Percent			
All ages	40.0	28.2	70.0	69.0	11.7	50.4	52.1
Under 15	99.6	99.7	99.8	100.0	*	*	98.9
15-19	90.5	86.6	97.8	94.3	72.7	88.7	89.9
15-17	97.4	96.0	99.6	98.6	89.0	95.7	97.1
18-19	88.4	84.3	97.3	92.7	68.6	87.1	87.2
20-24	66.6	56.0	89.0	79.9	34.2	68.1	69.0
25-29	40.5	28.2	73.0	65.6	14.6	47.8	49.6
30-34	24.7	15.7	55.2	57.8	8.0	37.8	38.4
35-39	23.1	15.4	45.9	54.4	8.5	32.9	35.7
40 and over	26.2	19.3	40.7	52.8	11.6	28.1	36.8

* Estimate does not meet National Center for Health Statistics 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 8 in this report.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 10. Birth rates for unmarried women: United States, 2010–2019, and by age and race and Hispanic origin of mother: United States, 2016–2019

[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)							
		15–19			20–24	25–29	30–34	35–39	40–44 ²
		Total	15–17	18–19					
All races and origins³									
2019.....	39.9	15.4	6.6	28.3	51.6	61.5	60.6	36.0	11.1
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:									
2019.....	28.6	10.0	3.7	19.3	36.7	44.8	45.7	27.0	7.9
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:									
2019.....	56.7	25.7	11.3	46.2	83.5	87.4	68.4	37.5	10.5
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									
2019.....	57.9	23.2	11.3	41.5	73.8	90.6	91.5	55.8	20.0
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.²Birth rates computed by relating births to unmarried women aged 40 and over to unmarried women aged 40–44; 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 8 in this report.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 11. Selected demographic characteristics of births, by race and Hispanic origin of mother: United States, 2019

[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	3,747,540	1,915,912	548,075	28,450	238,769	9,770	886,467
				Rate			
Birth rate	11.4	9.8	13.4	11.9	13.0	17.0	14.6
Fertility rate	58.3	55.3	61.4	56.2	55.3	74.9	65.3
Total fertility rate	1,706.0	1,610.5	1,775.5	1,611.5	1,511.0	2,178.0	1,940.0
Unmarried rate	39.9	28.6	56.7	55.9	14.4	69.1	57.9
				Ratio			
Sex ratio ⁴	1,048	1,051	1,033	1,039	1,077	1,059	1,043
				Percent			
All births							
Births to mothers under age 20	4.6	3.2	6.8	8.9	0.6	5.3	7.2
4th and higher-order births ⁵	12.9	10.8	17.9	24.3	5.4	27.4	15.8
Births to unmarried mothers	40.0	28.2	70.0	69.0	11.7	50.4	52.1
Mothers born in the 50 states or District of Columbia	77.4	93.3	83.5	98.9	19.7	36.5	53.6
Educational attainment of mother:							
High school diploma or higher	87.7	93.1	87.5	79.5	93.9	78.0	74.8
Bachelor's degree or higher	33.5	43.2	18.0	9.2	65.5	9.2	15.1
				Mean			
Age (years) of mother at first birth	27.0	27.8	25.2	23.5	30.7	24.8	25.1

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 12. Selected demographic characteristics of births, by Hispanic origin of mother: United States, 2019

[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	Mexican	Puerto Rican	Cuban	Dominican	Central and South American	Other and unknown Hispanic
				Number			
Births	886,467	496,716	70,950	23,668	32,483	165,229	97,421
				Ratio			
Sex ratio ¹	1,043	1,040	1,042	1,064	1,028	1,053	1,042
				Percent			
All births							
Births to mothers under age 20	7.2	7.5	7.5	2.8	5.0	6.4	8.2
4th and higher-order births ²	15.8	18.1	13.2	5.5	8.5	13.6	14.8
Mothers born in the 50 states or District of Columbia	53.6	60.1	70.7	42.8	29.5	19.8	76.4
Educational attainment of mother:							
High school diploma or higher	74.8	75.0	84.9	92.3	84.1	62.2	80.1
Bachelor's degree or higher	15.1	12.0	17.4	31.5	21.6	18.8	16.5
				Mean			
Age (years) of mother at first birth	25.1	24.5	24.9	27.9	26.0	26.2	25.0

¹Male births per 1,000 female births.²Based on live-birth order.

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

SOURCE: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 13. Selected medical and health characteristics of births, by race and Hispanic origin of mother: United States, 2019

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	77.6	82.8	67.6	63.7	82.1	50.0	72.1
Late or no care	6.4	4.5	9.6	13.0	5.0	20.5	8.2
Smoked during pregnancy	6.0	8.8	4.8	14.6	0.4	3.3	1.5
Pregnancy resulted from infertility treatment	2.0	2.8	0.7	0.3	3.7	0.5	0.8
Mother received WIC food for herself during this pregnancy ⁴	33.9	22.1	52.3	52.7	18.3	38.8	51.5
Diabetes:							
Prepregnancy (diagnosis prior to this pregnancy)	1.0	0.8	1.3	2.5	1.0	1.8	1.1
Gestational (diagnosis in this pregnancy)	6.9	6.3	5.4	10.4	13.3	9.0	7.4
Overweight or obese (BMI of 25.0 or over) ⁵	55.9	52.2	65.9	68.4	33.9	75.0	63.2
Induction of labor	29.4	32.7	27.7	30.6	23.9	21.7	24.9
CNM delivery ⁶	9.8	10.4	8.6	20.7	7.9	9.8	9.3
Home birth	1.0	1.6	0.5	0.5	0.3	0.6	0.4
Cesarean delivery (total)	31.7	30.7	35.9	28.9	32.7	30.2	31.3
Low-risk ⁷	25.6	24.7	30.0	22.8	27.4	26.1	24.8
Source of payment for the delivery:							
Medicaid	42.1	29.4	65.1	66.3	23.7	58.4	59.0
Private	50.2	63.8	29.3	20.7	67.9	28.4	30.5
Self-pay	4.2	3.3	2.6	1.9	5.6	6.3	6.9
Other ⁸	3.5	3.5	3.1	11.1	2.9	6.9	3.6
Infant was being breastfed at discharge ⁹	83.6	85.0	73.1	75.7	90.1	79.7	87.0
Infant							
Gestational age:							
Preterm ¹⁰	10.23	9.26	14.39	11.59	8.72	11.15	9.97
Early preterm ¹¹	2.77	2.27	4.94	2.90	2.13	2.90	2.61
Late preterm ¹²	7.46	6.99	9.45	8.69	6.59	8.25	7.36
Birthweight ¹³ :							
Very low birthweight ¹⁴	1.38	1.02	2.94	1.29	1.09	1.33	1.27
Low birthweight ¹⁵	8.31	6.89	14.15	8.04	8.67	7.56	7.55
Twin births ¹⁶	32.1	33.4	40.9	24.5	27.5	24.5	24.6
Triplet or higher-order births ¹⁷	87.7	97.3	107.5	45.7	51.5	0.0	66.6

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; see reference 8 in this report.

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 14. Selected medical and health characteristics of births, by Hispanic origin of mother: United States, 2019

Characteristic	Total	Mexican	Puerto Rican	Cuban	Dominican	Central and South American	Other and unknown Hispanic
Mother		Percent					
Prenatal care initiation:							
First trimester	72.1	72.8	76.2	81.5	73.4	66.1	73.1
Late or no care	8.2	7.8	6.2	4.5	7.3	11.3	7.9
Smoked during pregnancy	1.5	1.3	4.9	2	0.8	0.4	2.3
Pregnancy resulted from infertility treatment	0.8	0.6	1.2	1.1	1.0	0.8	0.9
Mother received WIC food for herself during this pregnancy ¹	51.5	52.0	52.5	46.8	54.2	50.8	49.3
Diabetes:							
Prepregnancy (diagnosis prior to this pregnancy)	1.1	1.3	1.2	0.7	0.8	0.8	1.0
Gestational (diagnosis in this pregnancy)	7.4	8.0	7.2	7.1	6.8	6.5	6.8
Overweight or obese (BMI of 25.0 or over) ²	63.2	65.7	62.0	53.7	59.0	58.3	63.1
Induction of labor	24.9	24.4	28.1	26.6	26.5	22.8	27.3
CNM delivery ³	9.3	8.6	12.2	5.8	8.9	10.8	9.6
Home birth	0.4	0.3	0.6	0.5	0.3	0.4	0.5
Cesarean delivery (total)	31.3	30.1	33.0	45.0	40.5	30.4	31.7
Low-risk ⁴	24.8	23.5	26.8	37.8	28.3	24.3	24.8
Source of payment for the delivery:							
Medicaid	59.0	60.1	59.6	51.1	64.8	55.5	58.9
Private	30.5	29.7	34.6	44.7	29.4	27.9	33.4
Self-pay	6.9	6.8	1.4	2.0	3.0	12.8	4.2
Other ⁵	3.6	3.5	4.4	2.1	2.7	3.9	3.5
Infant was being breastfed at discharge ⁶	87.0	87.3	81.8	91.6	88.4	88.8	85.5
Infant							
Gestational age:							
Preterm ⁷	9.97	9.80	11.51	9.51	10.07	9.44	10.72
Early preterm ⁸	2.61	2.50	3.40	2.64	3.07	2.35	2.85
Late preterm ⁹	7.36	7.30	8.11	6.88	7.00	7.09	7.87
Birthweight ¹⁰ :							
Very low birthweight ¹¹	1.27	1.19	1.78	1.32	1.70	1.12	1.40
Low birthweight ¹²	7.55	7.21	9.80	7.07	8.76	7.01	8.33
Twin births ¹³	24.6	23.5	30.4	27.2	31.4	22.2	27.1
Triplet or higher-order births ¹⁴	66.6	67.2	74.7	109.9	144.7	43.0	60.6

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

²BMI is body mass index.

³Births delivered by certified nurse midwives (CNMs).

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; see reference 8 in this report.

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 15. Mothers who smoked for the 3 months before pregnancy and anytime during pregnancy and those who quit before and during pregnancy, by age (years) and race and Hispanic origin of mother: United States, 2019

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.....	7.7	9.1	10.8	8.8	6.1	5.3	4.3
Anytime during pregnancy.....	6.0	6.7	8.1	6.9	4.8	4.2	3.5
First trimester.....	5.8	6.5	7.9	6.7	4.7	4.1	3.4
Second trimester.....	5.0	5.2	6.6	5.8	4.1	3.6	2.9
Third trimester.....	4.7	4.8	6.2	5.5	3.9	3.4	2.8
Quit before pregnancy ²	24.0	27.8	26.1	23.4	22.6	22.4	21.3
Quit during pregnancy ³	20.3	27.9	23.3	19.3	18.0	17.8	17.4
Non-Hispanic, single race ⁴							
White:							
3 months before.....	11.1	19.9	18.3	12.6	7.8	7.1	6.4
Anytime during pregnancy.....	8.8	15.1	14.1	10.0	6.2	5.7	5.2
First trimester.....	8.6	14.6	13.8	9.8	6.1	5.6	5.1
Second trimester.....	7.5	12.0	11.8	8.6	5.4	4.9	4.5
Third trimester.....	7.1	11.2	11.1	8.2	5.2	4.7	4.3
Quit before pregnancy ²	22.2	25.5	23.7	21.5	21.4	21.2	19.8
Quit during pregnancy ³	18.5	26.0	21.2	17.5	16.3	16.2	16.3
Black:							
3 months before.....	6.2	2.8	5.4	7.2	7.1	6.1	4.7
Anytime during pregnancy.....	4.8	2.0	3.9	5.5	5.6	4.9	3.9
First trimester.....	4.6	1.9	3.8	5.4	5.5	4.8	3.7
Second trimester.....	3.9	1.5	3.0	4.5	4.6	4.2	3.2
Third trimester.....	3.6	1.4	2.7	4.2	4.4	3.9	3.1
Quit before pregnancy ²	25.2	31.7	29.6	25.7	22.5	21.1	21.1
Quit during pregnancy ³	23.9	29.5	30.0	23.4	21.9	20.0	19.1
Hispanic ⁵							
3 months before.....	2.4	2.1	2.8	2.6	2.2	1.9	1.4
Anytime during pregnancy.....	1.5	1.2	1.6	1.7	1.5	1.3	1.0
First trimester.....	1.5	1.2	1.6	1.6	1.4	1.3	1.0
Second trimester.....	1.1	0.8	1.1	1.3	1.1	1.0	0.8
Third trimester.....	1.0	0.7	1.0	1.2	1.1	0.9	0.8
Quit before pregnancy ²	38.3	44.2	43.0	37.7	34.6	33.3	33.0
Quit during pregnancy ³	31.0	43.4	36.2	29.7	27.0	27.4	21.4
All races and origins ¹				Number			
Total.....	3,747,540	173,461	704,342	1,078,097	1,089,281	572,598	129,761
Not stated 3 months before.....	19,249	1,045	3,945	5,706	5,106	2,812	635
Not stated during pregnancy.....	19,016	1,029	3,896	5,623	5,042	2,792	634
Quit before pregnancy ² :							
Smokers.....	286,974	15,668	75,309	94,491	65,884	30,038	5,584
Unknown if quit.....	568	40	148	179	132	55	14
Quit during pregnancy ³ :							
Smokers.....	222,088	11,577	56,714	73,660	51,923	23,743	4,471
Unknown if quit.....	312	24	78	87	79	39	5

See footnotes at end of table.

Table 15. Mothers who smoked for the 3 months before pregnancy and anytime during pregnancy and those who quit before and during pregnancy, by age (years) and race and Hispanic origin of mother: United States, 2019—Con.

Tobacco use and race and Hispanic origin	All ages	Under 20	20–24	25–29	30–34	35–39	40–54
Non-Hispanic, single-race ⁴				Number			
White:							
Total	1,915,912	60,854	313,275	556,533	618,176	305,886	61,188
Not stated 3 months before	8,305	346	1,634	2,452	2,375	1,265	233
Not stated during pregnancy	8,165	336	1,605	2,399	2,337	1,251	237
Quit before pregnancy ² :							
Smokers	212,466	12,044	56,932	69,809	48,211	21,576	3,894
Unknown if quit	314	24	83	97	71	29	10
Quit during pregnancy ³ :							
Smokers	167,577	9,154	44,082	55,498	38,438	17,243	3,162
Unknown if quit	176	16	44	45	45	23	3
Black:							
Total	548,075	37,248	132,605	165,655	126,332	68,219	18,016
Not stated 3 months before	4,009	292	921	1,338	891	458	109
Not stated during pregnancy	3,957	288	911	1,308	892	448	110
Quit before pregnancy ² :							
Smokers	33,773	1,036	7,092	11,828	8,848	4,119	850
Unknown if quit	80	4	15	21	30	8	2
Quit during pregnancy ³ :							
Smokers	26,149	745	5,199	9,103	7,065	3,346	691
Unknown if quit	44	–	11	16	9	8	–
Hispanic⁵							
Total	886,467	63,396	207,552	256,385	209,283	118,441	31,410
Not stated 3 months before	3,234	249	818	873	746	441	107
Not stated during pregnancy	3,193	245	808	862	735	440	103
Quit before pregnancy ² :							
Smokers	21,043	1,309	5,743	6,717	4,613	2,213	448
Unknown if quit	76	6	25	22	17	6	–
Quit during pregnancy ³ :							
Smokers	13,409	753	3,388	4,320	3,119	1,519	310
Unknown if quit	48	5	13	17	8	4	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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 16. Trimester prenatal care began, by age (years) and race and Hispanic origin of mother: United States, 2019

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	77.6	61.1	71.0	77.7	82.1	81.6	78.3
Second trimester	16.0	26.8	20.7	16.0	12.9	13.3	15.7
Late or no care	6.4	12.1	8.3	6.3	5.0	5.1	5.9
Third trimester	4.5	8.8	5.9	4.4	3.5	3.6	4.2
No care	1.8	3.4	2.4	1.8	1.5	1.5	1.7
				Number			
Total	3,747,540	173,461	704,342	1,078,097	1,089,281	572,598	129,761
Not stated	84,788	4,571	17,282	24,153	23,218	12,409	3,155
Non-Hispanic, single race²				Percent			
White:							
First trimester	82.8	69.0	76.3	82.6	86.3	85.6	82.6
Second trimester	12.7	22.7	17.6	12.8	10.1	10.6	12.7
Late or no care	4.5	8.4	6.1	4.6	3.6	3.8	4.6
Third trimester	3.3	6.4	4.6	3.3	2.6	2.7	3.4
No care	1.2	1.9	1.5	1.2	1.0	1.1	1.2
				Number			
Total	1,915,912	60,854	313,275	556,533	618,176	305,886	61,188
Not stated	34,392	1,182	5,851	9,647	10,948	5,528	1,236
Black:							
First trimester	67.6	55.1	64.4	68.4	71.2	71.8	69.1
Second trimester	22.8	31.0	25.1	22.4	20.2	19.7	21.5
Late or no care	9.6	14.0	10.5	9.2	8.6	8.5	9.4
Third trimester	6.4	9.5	6.9	6.0	5.7	5.8	6.3
No care	3.2	4.5	3.6	3.2	2.8	2.7	3.1
				Number			
Total	548,075	37,248	132,605	165,655	126,332	68,219	18,016
Not stated	18,209	1,311	4,485	5,516	4,124	2,152	621
Hispanic³				Percent			
First trimester	72.1	57.6	68.0	73.7	76.4	75.9	73.6
Second trimester	19.6	28.0	22.1	18.6	17.0	17.6	19.6
Late or no care	8.2	14.4	9.9	7.7	6.6	6.5	6.8
Third trimester	5.8	10.4	7.0	5.4	4.6	4.5	4.6
No care	2.4	4.0	2.9	2.3	2.0	2.0	2.2
				Number			
Total	886,467	63,396	207,552	256,385	209,283	118,441	31,410
Not stated	21,969	1,709	5,384	6,230	4,988	2,878	780

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 17. Births, by method of delivery: United States, 2010–2019, and by race and Hispanic origin of mother: United States, 2016–2019

Year and race and Hispanic origin	Vaginal			Cesarean				Cesarean			Vaginal birth after previous cesarean delivery ⁷
	All births	Total ¹	After previous cesarean	Total ²	Primary	Low-risk ³	Not stated	Total ⁴	Primary ⁵	Low-risk ⁶	
All races and origins⁸	Number							Percent			
2019.	3,747,540	2,558,882	80,140	1,186,397	683,900	314,016	2,261	31.7	21.6	25.6	13.8
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 race⁹											
White:											
2019.	1,915,912	1,327,934	38,442	587,111	348,616	160,622	867	30.7	21.3	24.7	13.9
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:											
2019.	548,075	351,191	13,159	196,672	113,001	48,481	212	35.9	25.1	30.0	13.6
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
Hispanic¹⁰											
2019.	886,467	608,445	19,612	277,578	147,597	66,705	444	31.3	20.1	24.8	13.1
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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 18. Births, by method of delivery and by age and race and Hispanic origin of mother: United States, 2019

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	Low-risk ⁶	
All races and origins ⁸		Number						Percent			
All ages	3,747,540	2,558,882	80,140	1,186,397	683,900	314,016	2,261	31.7	21.6	25.6	13.8
Under 20	173,461	139,863	553	33,512	30,207	20,300	86	19.3	17.8	15.7	14.4
20–24	704,342	527,257	8,505	176,673	123,266	70,561	412	25.1	19.2	21.2	13.8
25–29	1,078,097	758,369	22,398	319,057	186,596	88,220	671	29.6	20.2	25.0	14.5
30–34	1,089,281	721,677	28,268	366,993	197,445	83,076	611	33.7	22.2	29.2	14.3
35–39	572,598	343,582	16,695	228,647	113,898	40,939	369	40.0	25.9	38.6	12.7
40–54	129,761	68,134	3,721	61,515	32,488	10,920	112	47.4	33.5	51.3	11.4
Non-Hispanic, single race ⁹											
White, all ages	1,915,912	1,327,934	38,442	587,111	348,616	160,622	867	30.7	21.3	24.7	13.9
Under 20	60,854	48,722	138	12,106	10,995	7,231	26	19.9	18.5	15.8	11.1
20–24	313,275	236,389	2,966	76,740	54,690	30,673	146	24.5	19.0	20.0	11.9
25–29	556,533	399,618	9,875	156,672	97,166	46,576	243	28.2	20.0	23.0	14.2
30–34	618,176	420,306	14,863	197,602	111,009	47,706	268	32.0	21.5	27.3	14.7
35–39	305,886	189,466	8,759	116,275	59,684	22,686	145	38.0	24.8	36.5	13.4
40–54	61,188	33,433	1,841	27,716	15,072	5,750	39	45.3	32.3	49.2	12.7
Black, all ages	548,075	351,191	13,159	196,672	113,001	48,481	212	35.9	25.1	30.0	13.6
Under 20	37,248	29,056	157	8,182	7,407	4,972	10	22.0	20.4	18.4	16.9
20–24	132,605	94,313	1,918	38,252	26,685	15,026	40	28.9	22.4	25.3	14.2
25–29	165,655	107,948	4,462	57,642	31,663	13,376	65	34.8	23.4	32.7	14.7
30–34	126,332	75,279	4,047	51,002	25,904	8,978	51	40.4	26.7	40.0	13.9
35–39	68,219	36,346	2,062	31,842	16,012	4,711	31	46.7	31.9	49.9	11.5
40–54	18,016	8,249	513	9,752	5,330	1,418	15	54.2	40.8	61.2	10.4
Hispanic ¹⁰											
All ages	886,467	608,445	19,612	277,578	147,597	66,705	444	31.3	20.1	24.8	13.1
Under 20	63,396	52,325	214	11,029	9,831	6,753	42	17.4	15.9	14.2	15.2
20–24	207,552	157,571	2,961	49,889	33,478	19,932	92	24.0	17.8	21.0	15.3
25–29	256,385	178,674	6,054	77,587	40,237	18,588	124	30.3	18.9	27.3	14.0
30–34	209,283	134,394	5,965	74,787	34,816	13,048	102	35.8	21.3	33.0	13.0
35–39	118,441	69,045	3,548	49,328	22,096	6,593	68	41.7	25.2	42.0	11.5
40–54	31,410	16,436	870	14,958	7,139	1,791	16	47.6	31.4	53.4	10.0

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 19. Principal source of payment for the delivery, by age and race and Hispanic origin of mother: United States, 2019

[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	42.1	78.2	62.9	44.7	29.6	27.4	30.0
Private insurance	50.2	15.0	28.8	47.4	63.2	65.1	61.6
Self-pay	4.2	3.9	3.9	4.1	4.1	4.6	5.5
Other ²	3.5	2.9	4.4	3.8	3.1	2.9	2.8
				Number			
Total	3,747,540	173,461	704,342	1,078,097	1,089,281	572,598	129,761
Not stated	25,760	1,300	5,798	7,845	6,636	3,339	842
Non-Hispanic, single race³				Percent			
White:							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid	29.4	72.9	52.6	31.9	18.6	16.7	18.4
Private insurance	63.8	22.0	39.4	60.8	75.3	77.2	74.5
Self-pay	3.3	2.1	3.3	3.4	3.1	3.4	4.5
Other ²	3.5	3.1	4.7	3.9	3.0	2.7	2.6
				Number			
Total	1,915,912	60,854	313,275	556,533	618,176	305,886	61,188
Not stated	13,172	537	2,825	4,083	3,694	1,665	368
Black:							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid	65.1	84.2	76.0	68.2	56.0	48.1	44.0
Private insurance	29.3	11.7	18.9	26.3	37.8	45.4	48.8
Self-pay	2.6	2.1	2.0	2.3	3.1	3.5	4.0
Other ²	3.1	1.9	3.1	3.2	3.1	3.0	3.2
				Number			
Total	548,075	37,248	132,605	165,655	126,332	68,219	18,016
Not stated	3,542	202	838	1,069	822	470	141
Hispanic⁴				Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Medicaid	59.0	79.9	70.0	58.5	49.8	48.2	50.6
Private insurance	30.5	10.2	19.5	31.3	39.8	40.7	37.9
Self-pay	6.9	7.0	6.4	6.5	7.1	8.0	8.5
Other ²	3.6	3.0	4.2	3.7	3.2	3.1	3.0
				Number			
Total	886,467	63,396	207,552	256,385	209,283	118,441	31,410
Not stated	5,461	413	1,462	1,595	1,139	659	193

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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 20. Births, by gestational age (weeks): United States, 2010–2019, and by race and Hispanic origin of mother: United States, 2016–2019

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	Number	Percent										Number	
2019.....	3,747,540	10.23	2.77	0.66	0.93	1.18	7.46	89.52	27.31	57.02	5.19	0.25	2,406
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:													
2019.....	1,915,912	9.26	2.27	0.44	0.77	1.06	6.99	90.42	25.56	59.01	5.84	0.32	924
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:													
2019.....	548,075	14.39	4.94	1.52	1.63	1.79	9.45	85.39	30.40	50.93	4.06	0.21	326
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													
2019.....	886,467	9.97	2.61	0.63	0.87	1.11	7.36	89.87	28.66	56.52	4.68	0.16	344
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													
2019.....	3,747,540	383,061	103,759	24,758	34,748	44,253	279,302	3,352,638	1,022,874	2,135,518	194,246	9,435	2,406
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

See footnotes at end of table.

Table 20. Births, by gestational age (weeks): United States, 2010–2019, and by race and Hispanic origin of mother: United States, 2016–2019—Con.

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	Full	Late	42 and over	Not stated	
				Under 28	28–31	32–33		34–36	37–38	39–40			41
Non-Hispanic, single race ³		Number											
White:													
2019.....	1,915,912	177,339	43,532	8,487	14,735	20,310	133,807	1,731,535	489,542	1,130,124	111,869	6,114	924
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:													
2019.....	548,075	78,829	27,063	8,332	8,927	9,804	51,766	467,745	166,528	278,956	22,261	1,175	326
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													
2019.....	886,467	88,354	23,116	5,620	7,699	9,797	65,238	796,333	253,964	500,856	41,513	1,436	344
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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 21. Births, by gestational age (weeks) and by age and race and Hispanic origin of mother: United States, 2019

Age (years) and race and Hispanic origin of mother	Preterm ¹							Term ¹			Post term ¹	
	All births	Total under 37	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	Number	Percent										Number
All ages	3,747,540	10.23	0.66	0.93	1.18	7.46	89.52	27.31	57.02	5.19	0.25	2,406
Under 15	1,787	14.39	1.74	1.80	1.69	9.16	85.44	30.35	49.97	5.12	0.17	8
15–19	171,674	10.35	0.87	1.03	1.21	7.24	89.47	27.13	56.61	5.73	0.18	135
20–24	704,342	9.88	0.70	0.90	1.11	7.17	89.91	27.19	57.45	5.26	0.21	467
25–29	1,078,097	9.58	0.63	0.85	1.08	7.03	90.16	26.81	57.99	5.37	0.25	741
30–34	1,089,281	9.84	0.60	0.88	1.15	7.21	89.89	26.62	57.66	5.60	0.27	586
35–39	572,598	11.58	0.67	1.06	1.38	8.47	88.14	28.71	55.00	4.43	0.28	372
40–44	120,152	13.98	0.83	1.35	1.75	10.04	85.75	31.79	51.49	2.48	0.27	89
45–54	9,609	21.72	1.14	2.27	2.82	15.49	78.08	34.11	42.16	1.80	0.21	8
Non-Hispanic, single race ³												
White, all ages	1,915,912	9.26	0.44	0.77	1.06	6.99	90.42	25.56	59.01	5.84	0.32	924
Under 15	370	13.59	2.17	1.90	1.63	7.88	86.41	25.00	57.61	3.80	*	2
15–19	60,484	10.03	0.69	1.02	1.17	7.15	89.82	25.86	58.35	5.61	0.15	38
20–24	313,275	9.24	0.48	0.80	1.04	6.92	90.49	25.86	59.10	5.54	0.27	159
25–29	556,533	8.69	0.43	0.71	0.97	6.57	90.99	25.17	59.82	6.00	0.32	258
30–34	618,176	8.86	0.40	0.72	1.02	6.73	90.80	24.83	59.57	6.41	0.33	269
35–39	305,886	10.29	0.45	0.83	1.22	7.79	89.34	26.55	57.47	5.33	0.37	165
40–44	56,897	12.14	0.51	1.00	1.47	9.17	87.48	29.65	54.73	3.10	0.37	31
45–54	4,291	19.31	0.79	1.87	2.49	14.15	80.42	32.69	45.42	2.31	0.28	2
Black, all ages	548,075	14.39	1.52	1.63	1.79	9.45	85.39	30.40	50.93	4.06	0.21	326
Under 15	552	17.06	2.72	1.81	1.81	10.71	82.40	32.49	44.10	5.81	0.54	1
15–19	36,696	12.77	1.41	1.51	1.47	8.38	87.05	29.04	53.10	4.91	0.17	34
20–24	132,605	13.15	1.42	1.45	1.56	8.72	86.68	29.48	52.95	4.24	0.17	69
25–29	165,655	13.75	1.45	1.49	1.66	9.14	86.04	30.01	51.92	4.11	0.20	110
30–34	126,332	14.98	1.63	1.76	1.97	9.62	84.76	30.39	50.08	4.28	0.26	69
35–39	68,219	16.84	1.63	1.97	2.11	11.13	82.92	32.46	47.20	3.26	0.24	31
40–44	16,605	18.62	1.83	2.20	2.66	11.93	81.15	35.64	43.48	2.03	0.24	12
45–54	1,411	26.79	2.41	3.05	4.75	16.58	72.86	37.07	33.95	1.84	0.35	–
Hispanic ⁴												
All ages	886,467	9.97	0.63	0.87	1.11	7.36	89.87	28.66	56.52	4.68	0.16	344
Under 15	742	12.60	0.81	1.63	1.49	8.67	87.40	32.25	50.54	4.61	*	4
15–19	62,654	9.23	0.71	0.77	1.06	6.69	90.55	27.23	57.19	6.14	0.22	40
20–24	207,552	8.80	0.57	0.72	0.91	6.59	91.04	27.63	57.95	5.46	0.16	83
25–29	256,385	9.10	0.57	0.77	0.97	6.78	90.75	28.05	57.86	4.84	0.15	98
30–34	209,283	10.20	0.64	0.89	1.13	7.53	89.64	28.71	56.42	4.51	0.17	67
35–39	118,441	12.45	0.75	1.17	1.50	9.03	87.41	31.13	52.96	3.32	0.15	42
40–44	29,489	14.95	0.88	1.55	1.84	10.68	84.89	33.42	49.69	1.78	0.16	9
45–54	1,921	22.81	0.73	2.08	2.86	17.14	77.19	35.26	41.04	0.89	*	1

See footnotes at end of table.

Table 21. Births, by gestational age (weeks) and by age and race and Hispanic origin of mother: United States, 2019—Con.

* Estimate does not meet National Center for Health Statistics 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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 22. Births, by birthweight (grams): United States, 2010–2019, and by race and Hispanic origin of mother: United States, 2016–2019

Year and race and Hispanic origin of mother	Birthweight (grams) ¹														Not stated
	All births	Low birthweight													
		Total under 2,500	Very low birthweight					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	
		Total under 1,500	Less than 500	500–999	1,000–1,499										
All races and origins ²	Number	Percent													Number
2019.....	3,747,540	8.31	1.38	0.14	0.50	0.74	1.63	5.30	19.07	39.07	26.09	6.49	0.87	0.10	3,668
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:															
2019.....	1,915,912	6.89	1.02	0.08	0.35	0.59	1.39	4.49	16.35	38.24	29.37	7.96	1.08	0.11	1,550
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:															
2019.....	548,075	14.15	2.94	0.36	1.15	1.43	2.79	8.43	25.75	37.96	18.01	3.59	0.47	0.06	688
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															
2019.....	886,467	7.55	1.27	0.12	0.47	0.68	1.45	4.83	19.23	40.83	25.62	5.89	0.78	0.10	575
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
All races and origins ²															
2019.....	3,747,540	311,245	51,733	5,189	18,839	27,705	61,205	198,307	713,859	1,462,658	976,609	243,153	32,694	3,654	3,668
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

See footnotes at end of table.

Table 22. Births, by birthweight (grams): United States, 2010–2018, and by race and Hispanic origin of mother: United States, 2016–2019—Con.

Year and race and Hispanic origin of mother	Birthweight (grams) ¹														
	All births	Low birthweight													
		Total under 2,500	Very low birthweight					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
								Number							
Non-Hispanic, single race ³															
White:															
2019	1,915,912	131,959	19,443	1,587	6,643	11,213	26,572	85,944	312,909	732,022	562,273	152,340	20,720	2,139	1,550
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:															
2019	548,075	77,475	16,089	1,954	6,315	7,820	15,261	46,125	140,963	207,795	98,585	19,641	2,593	335	688
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															
2019	886,467	66,912	11,223	1,105	4,135	5,983	12,869	42,820	170,366	361,725	226,969	52,185	6,880	855	575
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 8 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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 23. Births, by birthweight (grams) and by age and race and Hispanic origin of mother: United States, 2019

Age (years) and race and Hispanic origin of mother		Birthweight (grams) ¹														
		Low birthweight												5,000 or more		Not stated
		Total under 2,500	Very low birthweight					1,500–1,999	2,000–2,499	2,500–2,999	3,000–3,499	3,500–3,999	4,000–4,499			
All births	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			
All races and origins ²		Number	Percent												Number	
All ages	3,747,540	8.31	1.38	0.14	0.50	0.74	1.63	5.30	19.07	39.07	26.09	6.49	0.87	0.10	3,668	
Under 15	1,787	12.32	2.80	0.34	1.29	1.18	2.63	6.89	26.83	42.07	16.19	2.24	0.34	*	2	
15–19	171,674	9.98	1.67	0.17	0.65	0.85	1.84	6.47	24.12	41.53	20.37	3.63	0.35	0.03	146	
20–24	704,342	8.63	1.40	0.15	0.53	0.72	1.61	5.62	21.22	40.69	23.79	5.02	0.59	0.07	653	
25–29	1,078,097	7.78	1.29	0.14	0.47	0.69	1.51	4.99	18.77	39.46	26.54	6.50	0.86	0.09	1,056	
30–34	1,089,281	7.75	1.28	0.13	0.46	0.69	1.54	4.94	17.63	38.32	27.76	7.41	1.02	0.11	1,040	
35–39	572,598	8.84	1.50	0.14	0.53	0.83	1.84	5.50	18.00	37.49	26.98	7.45	1.11	0.14	609	
40–44	120,152	10.66	1.94	0.16	0.69	1.09	2.30	6.42	19.76	37.18	24.73	6.59	0.96	0.12	149	
45–54	9,609	17.58	2.98	0.20	1.03	1.75	4.31	10.29	21.85	34.23	20.31	5.12	0.83	0.07	13	
Non-Hispanic, single race ³																
White, all ages	1,915,912	6.89	1.02	0.08	0.35	0.59	1.39	4.49	16.35	38.24	29.37	7.96	1.08	0.11	1,550	
Under 15	370	11.41	3.53	0.27	1.09	2.17	2.99	4.89	20.92	42.66	21.74	3.26	*	*	2	
15–19	60,484	8.85	1.44	0.10	0.55	0.79	1.68	5.73	20.84	40.94	24.07	4.79	0.49	0.04	32	
20–24	313,275	7.25	1.07	0.10	0.38	0.59	1.43	4.74	18.25	40.14	27.17	6.34	0.78	0.08	221	
25–29	556,533	6.48	0.97	0.08	0.34	0.55	1.27	4.24	16.14	38.63	29.69	7.90	1.06	0.10	426	
30–34	618,176	6.46	0.91	0.08	0.30	0.54	1.31	4.24	15.29	37.52	30.67	8.73	1.20	0.13	517	
35–39	305,886	7.33	1.09	0.08	0.35	0.65	1.53	4.71	15.73	36.78	29.88	8.82	1.31	0.15	287	
40–44	56,897	8.64	1.32	0.09	0.45	0.78	1.89	5.43	17.58	36.83	27.69	7.93	1.20	0.12	59	
45–54	4,291	14.63	2.33	0.09	0.68	1.56	3.71	8.59	19.93	34.91	23.06	6.28	1.12	0.07	6	
Black, all ages	548,075	14.15	2.94	0.36	1.15	1.43	2.79	8.43	25.75	37.96	18.01	3.59	0.47	0.06	688	
Under 15	552	15.94	3.80	0.72	1.99	1.09	2.36	9.78	28.26	39.49	14.13	1.63	0.54	*	–	
15–19	36,696	14.94	2.70	0.29	1.09	1.31	2.85	9.39	30.27	38.78	13.88	1.95	0.17	0.01	48	
20–24	132,605	14.10	2.69	0.33	1.08	1.28	2.55	8.87	28.33	39.08	15.75	2.46	0.25	0.03	159	
25–29	165,655	13.45	2.73	0.35	1.06	1.32	2.66	8.06	25.69	38.65	18.23	3.47	0.45	0.06	205	
30–34	126,332	14.01	3.18	0.41	1.24	1.53	2.84	7.99	23.49	37.20	20.03	4.54	0.66	0.08	163	
35–39	68,219	14.92	3.36	0.35	1.32	1.70	3.12	8.44	23.08	35.82	20.37	4.97	0.74	0.11	88	
40–44	16,605	16.89	3.85	0.43	1.43	2.00	3.76	9.28	23.96	35.53	18.36	4.56	0.61	0.09	25	
45–54	1,411	24.59	5.10	0.43	2.34	2.34	6.87	12.62	25.09	30.90	14.88	3.76	0.64	0.14	–	
Hispanic ⁴																
All ages	886,467	7.55	1.27	0.12	0.47	0.68	1.45	4.83	19.23	40.83	25.62	5.89	0.78	0.10	575	
Under 15	742	10.65	1.75	0.13	0.67	0.94	2.43	6.47	28.03	44.07	14.82	2.16	0.27	*	–	
15–19	62,654	8.22	1.28	0.13	0.50	0.65	1.42	5.51	23.92	43.83	20.36	3.35	0.30	0.02	48	
20–24	207,552	7.14	1.11	0.11	0.43	0.57	1.26	4.77	20.80	42.64	24.10	4.71	0.54	0.06	113	
25–29	256,385	6.84	1.13	0.12	0.41	0.60	1.30	4.41	18.51	41.16	26.58	6.04	0.78	0.09	169	
30–34	209,283	7.42	1.28	0.13	0.47	0.68	1.46	4.68	17.71	39.68	27.18	6.92	0.96	0.12	131	
35–39	118,441	8.77	1.58	0.15	0.56	0.88	1.86	5.34	18.01	38.29	26.60	7.08	1.09	0.15	90	
40–44	29,489	10.52	2.05	0.14	0.74	1.17	2.27	6.20	19.69	37.64	24.71	6.42	0.89	0.14	22	
45–54	1,921	17.67	2.50	0.21	0.78	1.51	4.27	10.89	22.56	34.24	20.48	4.33	0.63	0.10	2	

See footnotes at end of table.

Table 23. Births, by birthweight (grams) and by age and race and Hispanic origin of mother: United States, 2019—Con.

* Estimate does not meet National Center for Health Statistics standards of reliability.

– Quantity zero.

¹Equivalents of gram weights in pounds and ounces are shown in the User Guide; see reference 8 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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 24. Twin and triplet and higher-order multiple births: United States, 2010–2019, and by race and Hispanic origin of mother: United States, 2016–2019

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
2019.....	3,747,540	120,291	3,286	33.0	32.1	87.7
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:						
2019.....	1,915,912	64,011	1,865	34.4	33.4	97.3
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:						
2019.....	548,075	22,397	589	41.9	40.9	107.5
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						
2019.....	886,467	21,811	590	25.3	24.6	66.6
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: National Center for Health Statistics, National Vital Statistics System, Natality.

Table 25. Births, by plurality and age and race and Hispanic origin of mother: United States, 2019

Race and Hispanic origin and age (years) of mother	Total	Singleton	Twin	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	
All ages	3,747,540	3,623,963	120,291	3,286	33.0	32.1	87.7
Under 15	1,787	1,778	9	—	5.0	5.0	0.0
15–19	171,674	168,898	2,764	12	16.2	16.1	7.0
15–17	41,081	40,521	557	3	13.6	13.6	7.3
18–19	130,593	128,377	2,207	9	17.0	16.9	6.9
20–24	704,342	687,636	16,419	287	23.7	23.3	40.7
25–29	1,078,097	1,044,901	32,413	783	30.8	30.1	72.6
30–34	1,089,281	1,048,876	39,288	1,117	37.1	36.1	102.5
35–39	572,598	548,270	23,501	827	42.5	41.0	144.4
40–44	120,152	115,095	4,869	188	42.1	40.5	156.5
45–54	9,609	8,509	1,028	72	114.5	107.0	749.3
Non-Hispanic, single race ³							
White, all ages	1,915,912	1,850,036	64,011	1,865	34.4	33.4	97.3
Under 15	370	366	4	—	10.8	10.8	0.0
15–19	60,484	59,558	920	6	15.3	15.2	9.9
15–17	11,853	11,673	177	3	15.2	14.9	25.3
18–19	48,631	47,885	743	3	15.3	15.3	6.2
20–24	313,275	306,312	6,836	127	22.2	21.8	40.5
25–29	556,533	539,410	16,644	479	30.8	29.9	86.1
30–34	618,176	594,245	23,258	673	38.7	37.6	108.9
35–39	305,886	291,891	13,504	491	45.8	44.1	160.5
40–44	56,897	54,371	2,455	71	44.4	43.1	124.8
45–54	4,291	3,883	390	18	95.1	90.9	419.5
Black, all ages	548,075	525,089	22,397	589	41.9	40.9	107.5
Under 15	552	551	1	—	1.8	1.8	0.0
15–19	36,696	35,890	803	3	22.0	21.9	8.2
15–17	9,243	9,090	153	—	16.6	16.6	0.0
18–19	27,453	26,800	650	3	23.8	23.7	10.9
20–24	132,605	128,081	4,457	67	34.1	33.6	50.5
25–29	165,655	158,485	7,040	130	43.3	42.5	78.5
30–34	126,332	120,123	6,028	181	49.1	47.7	143.3
35–39	68,219	64,872	3,235	112	49.1	47.4	164.2
40–44	16,605	15,872	673	60	44.1	40.5	361.3
45–54	1,411	1,215	160	36	138.9	113.4	2,551.4
Hispanic ⁴							
All ages	886,467	864,066	21,811	590	25.3	24.6	66.6
Under 15	742	740	2	—	2.7	2.7	0.0
15–19	62,654	61,809	845	—	13.5	13.5	0.0
15–17	17,089	16,897	192	—	11.2	11.2	0.0
18–19	45,565	44,912	653	—	14.3	14.3	0.0
20–24	207,552	203,561	3,924	67	19.2	18.9	32.3
25–29	256,385	250,183	6,071	131	24.2	23.7	51.1
30–34	209,283	203,127	5,968	188	29.4	28.5	89.8
35–39	118,441	114,432	3,844	165	33.8	32.5	139.3
40–44	29,489	28,494	962	33	33.7	32.6	111.9
45–54	1,921	1,720	195	6	104.6	101.5	312.3

— Quantity zero.

0.0 Quantity 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: National Center for Health Statistics, National Vital Statistics System, Natality.

Technical Notes

Data source

Data shown in this report for 2019 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 to the 2019 Natality Public Use File" (8); methodological and measurement information for these characteristics is also available in the 2019 User Guide.

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

Data for 2016–2019 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 (19).

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 (8).

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, or to residents of, the state. In lieu of record-level data, however, California provides counts of births by marital status category (married, unmarried, and unknown) by age and race and Hispanic origin of the mother according to age and race and Hispanic-origin categories shown in this report to NCHS. 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 in 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., 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 (8,11). American Samoa does not collect information on Hispanic origin.

The Hispanic-origin question on the 2003 revision of the birth certificate asks respondents to select only one response. Occasionally, however, more than one Hispanic-origin response is given, that is, a specified Hispanic group (Mexican, Puerto Rican, Cuban, 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 (20), on which the rates for the specified Hispanic groups as of 2010 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 (10). 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 (9), in accordance with the revised standards issued by the Office of Management and Budget (OMB) in 1997 (10). 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 2019 User Guide (8).

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 United States reporting more than one race (8) in 2019. Data from American Samoa still follow the 1977 OMB standards (21). Prior to 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 normal menses (LMP) (18). 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 (18).

Computations of percentages, percent distributions, and means

For information and discussion on computations of percentages, percent distributions, and means, see the User Guide (8).

Population denominators

The birth and fertility rates for 2019 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, 2019. These populations are shown in the User Guide (8). The population estimates have been provided by the U.S. Census Bureau (22), and are based on the 2010 census counts by age, sex, and race. The race categories are consistent with the revised 1997 OMB standards (10).

The birth and fertility rates by state shown in [Table 8](#) are based on state-level population counts, which are based on the 2010 census provided by the U.S. Census Bureau (22). Birth and fertility rates for the territories except Puerto Rico shown in [Table 8](#) are based on population estimates provided by the U.S. Census Bureau's International Data Base (23). Rates for Puerto Rico are based on population estimates from the 2010 census as of July 1, 2019, and are provided by the U.S. Census Bureau (24).

Rates by state and territory shown in this report may differ from rates computed based on 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 2019, which are also based on 2010 Census estimates. For 2019, 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 2018–2019. These distributions were reported by the U.S. Census Bureau in the March Current Population Survey for each year (25,26), and have been adjusted to July 1, 2019 (2010 census), population levels (22) by NCHS' Division of Vital Statistics (27).

The population distributions by marital status are based on a 2-year average (of the current and prior year) from 2014 through 2019 (11). For earlier years, rates for unmarried women are based on distributions of the population by marital status averaged over a 3-year period (27).

Population estimates for specific Hispanic groups

The 2019 population estimates for the specific Hispanic population groups were not available as of the preparation of this report (28). Accordingly, birth and fertility rates for these groups for 2019 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 2019 special population estimates for Hispanic groups will be shown in the User Guide, once available (8).

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 population-based rates, an asterisk was used for percentages based on fewer than 20 births in the numerator. For detailed information on the 2017 standard, see “National Center for Health Statistics Data Presentation Standards for Proportions” and the User Guide (8,29).

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 (30).

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 (8).

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” (31).

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