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# nchs MONTHLY VITAL STATISTICS REPORT

Final Data From the National Center for Health Statistics

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## Advance Report of Final Natality Statistics, 1984

### Births and birth rates

There were 3,669,141 registered live births in the United States during 1984, 1 percent more than the number registered in 1983 (3,638,933) (table 1). Provisional data for 1985 suggest an increase of about 2 percent over the final total for 1984.

The birth rate in 1984 was the same as in 1983, 15.5 live births per 1,000 population. A 1-percent increase in the birth rate is indicated for 1985 according to provisional estimates.

The fertility rate, which relates the number of births to women of childbearing age, declined 1 percent from 1983 to 1984. The 1984 rate was 65.4 live births per 1,000 women 15-44 years of age, compared with 65.8 for 1983 (table 1 and figure 1). Provisional estimates for 1985 suggest a 1-percent increase in the fertility rate.

Birth rates for women in age groups 15-19, 20-24, and 25-29 years declined by up to 2 percent between 1983 and 1984. Although the reductions in the rates were relatively small, the rates for teenagers 15-19 years dropped to the lowest levels observed in the United States since 1940, and for women 20-24 years, to the lowest levels ever observed. The rate for women aged 25-29 years was lower than for any year since 1976.

There were increases of 3 percent in birth rates for women aged 30-34, 35-39, and 40-44 years. In addition, the birth rate for very young teenagers increased from 1.1 to 1.2 births per 1,000 women aged 10-14 years. The birth rate for women aged 45-49 years did not change. (See figure 2 for birth rates by age of mother and tables 2-4 for births and birth rates by age of mother.)

The increases in birth rates for women in their thirties and early forties were comparable with those observed over the past decade. During the period from 1975 to 1984, the birth rate for women in their early thirties rose 27 percent while that for women aged 35-39 years increased 17 percent. Simultaneously, the birth rate for teenagers 15-19 years dropped 8 percent and the rate for women aged 20-24 years fell 5 percent.

The rate for women aged 25-29 years was essentially unchanged. As a consequence of these opposing trends in age-specific birth rates, there has been a reduction in the proportion of all births occurring to teenagers, just as childbearing by relatively older women has become more prevalent. Further intensifying the declining proportion of teenage births has been the reduction in the number of teenagers which began in the mid 1970's. Teenage mothers accounted for just 13 percent of all births in 1984, the lowest proportion measured in the United States since 1957. Births to women aged 30 years and over continued to increase as a proportion of total births, reaching 24 percent in 1984.

There was very little change in the birth rates by live-birth order between 1983 and 1984 (table 5 and figure 3). The rate for first births dropped 1 percent while the rate for second births increased 1 percent. Rates for other birth orders were unchanged.

Although the first birth rate declined between 1983 and 1984, the only age groups to experience the reduction (1-2 percent) were women aged 15-19 and 20-24 years. The rate for women aged 25-29 increased by less than 1 percent. However, rates for women in their thirties increased sharply, by 5 percent (ages 30-34) and 11 percent (ages 35-39). The rate for women aged 40-44 increased also. There was no change in the rates for women aged 10-14 and 45-49 years.

The increases in first birth rates for women in their thirties which began in the early 1970's are particularly noteworthy because they occurred during a period in which the general fertility rate fell by more than 10 percent (between 1972-1978), and thereafter stayed very low. This overall decline in the fertility rate tends to mask greater reductions since 1972 in first birth rates for women in the younger ages of the childbearing period, which have been partially compensated for by increases in rates of first and second births for women in their thirties. The tendency for women to delay the start of their families has been observed since the early 1970's.<sup>1</sup> It is clearly a well-established pattern for many American families.

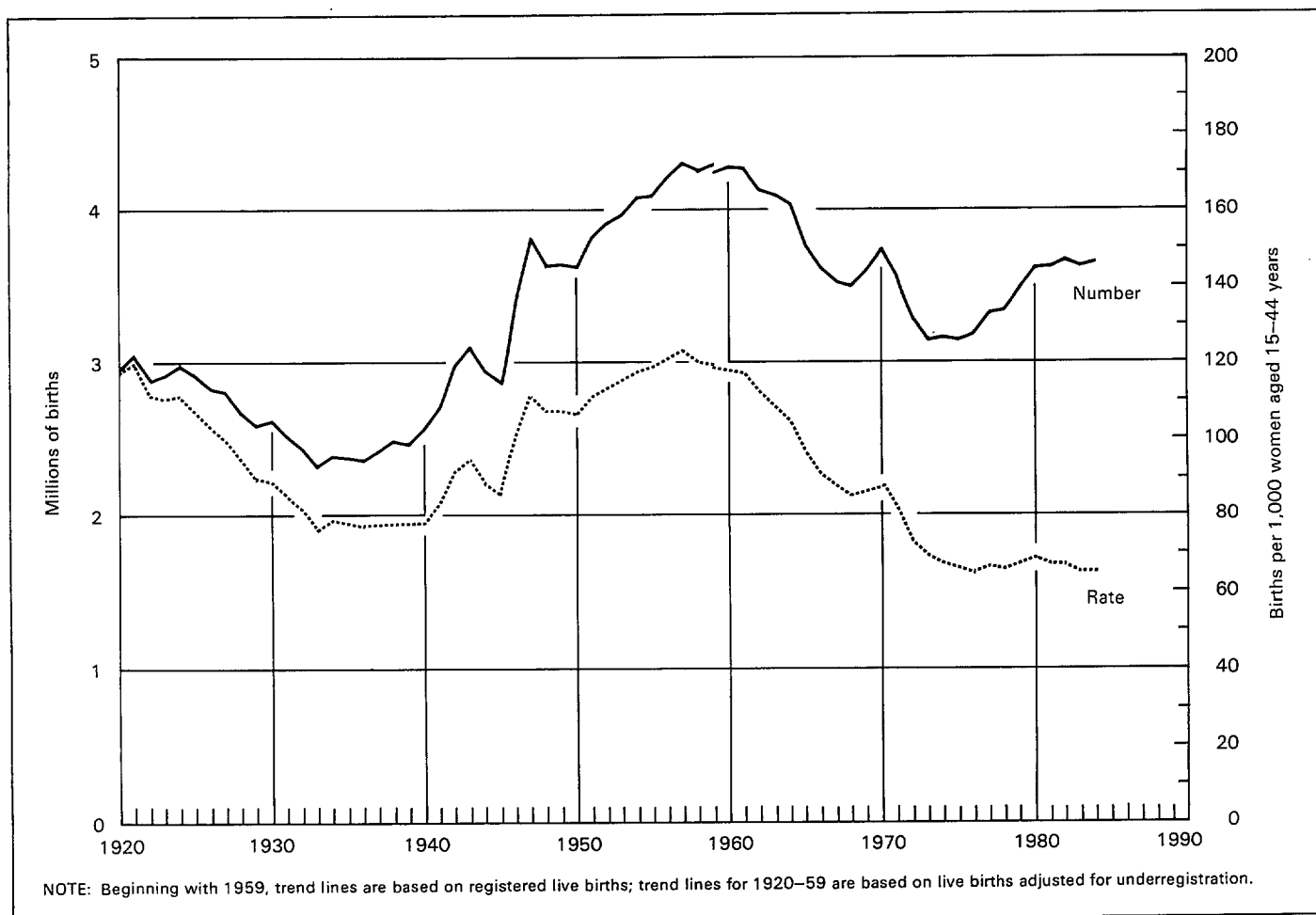


Figure 1. Live births and fertility rates: United States, 1920-84

Since 1980, making up for delayed childbearing appears to have intensified, to the extent that the first birth rate has increased more than twice as rapidly for women aged 35-39 years (58 percent) as for women in their early thirties (27 percent). The rates for these women in 1984 were 16.2 per 1,000 aged 30-34 years and 4.1 per 1,000 aged 35-39 years.

Although the rate for second births increased by just 1 percent overall between 1983 and 1984, again there were considerable increases of 5 and 11 percent in these rates for women in their thirties. Since 1980, the rate for second births increased 15 percent for women aged 30-34 years, and 50 percent for women aged 35-39 years.

Fertility rates for both white and black women declined between 1983 and 1984, by less than 1 percent each. The fertility rate for white women was 62.2 live births per 1,000 women aged 15-44 years, and for black women, it was 81.4. The patterns of change by age and live-birth order for white women were similar to those for women of all races. Increases in rates for black women tended to be more dispersed by age and birth order. There was a 5-percent increase in the birth rate for black teens aged 10-14 years. Other sizable increases were measured in most cases for first, second, and third order births to women in their thirties and early forties.

The increasing first birth rates for women in their thirties are largely a consequence of delayed marriage and increases in the proportion of women who are childless. In other words, as more and more women have delayed marriage and postponed their first child, an increasing proportion of women now in their thirties have not yet begun their families. In 1974 only 14 percent of women aged 30-34 years had yet to have their first child. Just 10 years later, in 1984, one quarter were childless. It is not yet possible to foresee what proportion of these women, who were born during the post-World War II baby boom, will remain permanently childless. It seems likely, however, that these women may experience higher levels of unintended childlessness because impairments in the ability to bear children tend to increase substantially as women get older, as shown in other data from the National Center for Health Statistics.<sup>2</sup>

The total fertility rate indicates the number of births that a group of 1,000 women would have if they experienced during their childbearing years the age-specific birth rates observed in a given calendar year. It is a hypothetical measure that shows the implications of current levels of fertility by age on completed family size. Because the total fertility rate is computed from age-specific birth rates, it is age-adjusted, assuming the same number of women in each age group.

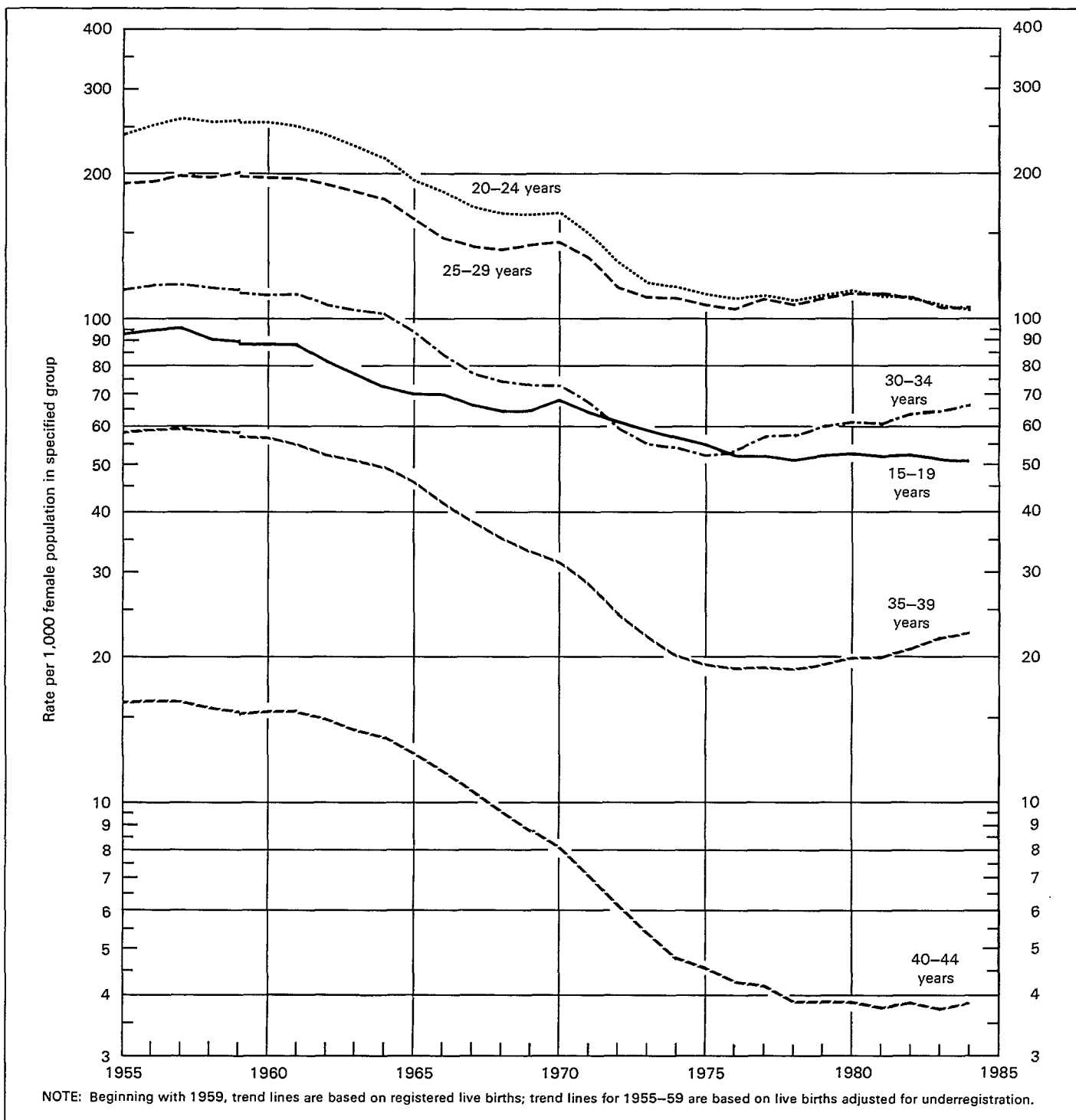
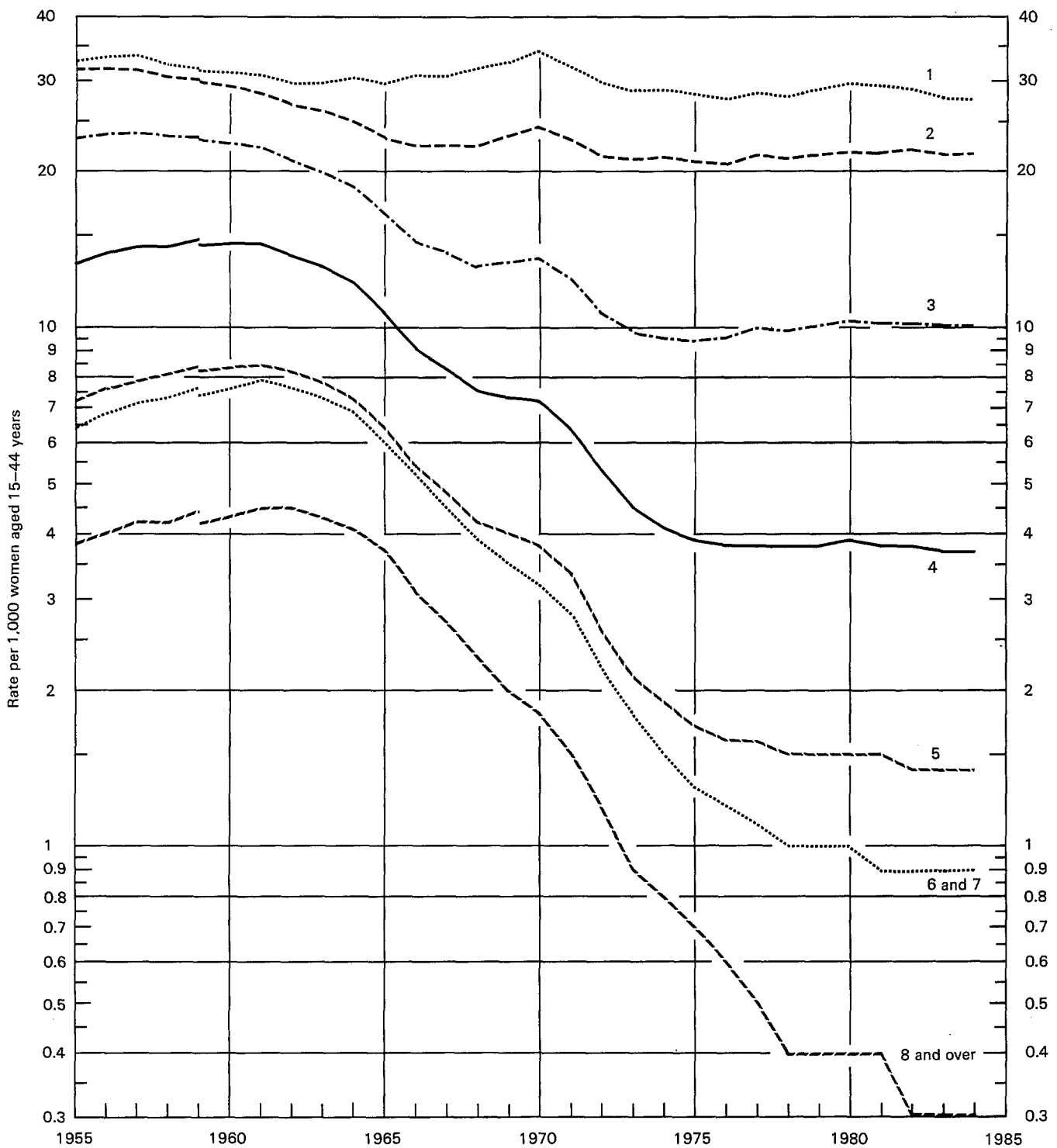


Figure 2. Birth rates by age of mother: United States, 1955-84

The total fertility rate in 1984 was 1,805.5, slightly above the 1983 rate of 1,802.5 (table 4). Thus, if 1,000 women experienced the age-specific birth rates observed in 1984 over their entire childbearing span, they would bear 1,805.5 children, or 1.8 children per woman. The total fertility rate increased between 1983 and 1984 despite the decline in the general fertility rate because the relative increases in certain age-specific

birth rates were greater than the relative declines in others. And, as noted above, the total fertility rate gives equal weight to differing proportions of women in each age group.

The total fertility rate of 1,805.5 is 14 percent below the level considered necessary for a given generation to exactly replace itself in the population (2,110.0). The rate for white women was 1,718.5, slightly above the rate for 1983 (1,717.5)



NOTE: Beginning with 1959, trend lines are based on registered live births; trend lines for 1955-59 are based on live births adjusted for underregistration.

Figure 3. Birth rates by live-birth order: United States, 1955-84

but still well below replacement level. The rate for black women also increased negligibly, from 2,150.5 in 1983 to 2,153.5 in 1984.

### Geographic division and State

The total number of births increased in six geographic divisions and declined in three (table 6). The increases were less than 1 percent for the East North Central and West South Central divisions, 1 percent in the Middle Atlantic division, and 2 percent in the New England, South Atlantic, and Pacific divisions. Declines of 1 percent were measured in the West North Central, East South Central, and Mountain divisions. There were increases in the number of births in 26 States and the District of Columbia and declines in 24 States.

The birth rate per 1,000 population advanced, by 1 percent, in only three geographic divisions (New England, East North Central, and South Atlantic). The rate declined in four divisions by up to 3 percent (West North Central, East South Central, West South Central, and Mountain). There was no change in the birth rate for the Middle Atlantic and Pacific divisions. Among States, declines in the birth rate far outpaced increases, by more than 2 to 1. There were declines in 32 States, increases in 14 States and the District of Columbia, and no change in 4 States. Birth rates declined by 1 percent in 17 States, by 2 percent in 6 States, by 3–4 percent in 5 States, and by 5 percent in 4 States. Rates rose by 1 percent in 10 States, by 2 percent in 4 States, and by 3 percent in the District of Columbia.

The fertility rate per 1,000 women aged 15–44 years increased in four geographic divisions and declined in five. The increases amounting to 1 percent or less were in the New England, Middle Atlantic, East North Central, and South Atlantic divisions. Declines of 1–3 percent were measured in the West North Central, East South Central, West South Central, Mountain, and Pacific divisions. As was true in the past several years, there were wide variations in fertility rates by State, ranging in 1984 from 55.2 for Massachusetts to 101.9 for Utah. Rates increased in only 15 States and the District of Columbia, by 1 percent or less in 9 States, 2 percent in 5 States, and 3 percent in 1 State and the District of Columbia. Rates declined in 33 States, by up to 1 percent in 11 States, 2–3 percent in 16 States, and 5–7 percent in 6 States. There was no change in the rates for Illinois and Ohio.

### Sex ratio

The sex ratio at birth in 1984 was 1,050 males per 1,000 females, slightly below the ratio of 1,052 observed in 1983 (table 7). Since 1967, there has been very little annual variation in the sex ratio, with a range of 1,050 to 1,055 observed during this period.

The sex ratio varies considerably by race of child but the ratios for white and black births have been relatively stable. For white births, the ratio in 1984 was 1,054, and for black

births it was 1,031. Ratios for other specified racial groups typically show much greater year-to-year fluctuation.

### Month of birth

For many years there has been a consistent pattern in the monthly occurrence of births, with the peak months July, August, and September (table 8). The underlying trends can be observed if the seasonal component is removed from the monthly birth and fertility rates. Unlike the two previous years, seasonally adjusted birth and fertility rates in the first half of 1984 tended to be somewhat lower than those in the second half. Rates were highest in August, September, and October. Provisional data for 1985 suggest a return to the pattern observed in 1982 and 1983: Fertility rates were consistently higher in the first 6 months of the year than in the last 6 months.

### Day of week

There is a distinctive pattern in the occurrence of births by day of the week. Deliveries are concentrated on Mondays through Fridays with the peak number occurring on Tuesdays. Corresponding deficits are observed for births occurring on weekends, particularly Sundays, as well as on major holidays. The holiday deficit usually extends to the days immediately preceding and following the holiday.

The index of occurrence of births suggests the extent of the pattern. The index is defined as the ratio of the average number of births on a given day of the week to the average daily number of births for the year, multiplied by 100. The average daily number of births in 1984, 10,025, is equivalent to an index of 100.0 (table 9). The index for the births occurring on Tuesdays, the peak day for births, was 107.4, compared with an index of 85.0 for births occurring on Sundays. Another way to interpret this variation is to compare the average number of births by day. For example, the average number of births occurring on Tuesdays, 10,770, was 26 percent greater than the average number occurring on Sundays, 8,517.

This pattern has been observed for several years and has intensified each year. Furthermore, a comparison of the indexes for the first half of 1984 with those for the last half (data are not presented in this report) shows that the weekend deficits were greater in the second half of the year. The distribution of births by day appears to be associated at least in part with the increasing proportion of deliveries by cesarean section (21.1 percent in 1984).<sup>3</sup> Unpublished data from the 1980 National Natality Survey, conducted by the National Center for Health Statistics, show that there is a much greater weekend deficit for births delivered by cesarean section (both primary and repeat) than for births delivered vaginally.

### Place of delivery and attendant at birth

In 1984, 99.0 percent of all babies were born in hospitals, virtually the same as the 98.9 percent level reported for 1983. This percent for white births in 1984 was 98.9; for black births

it was 99.3. The proportion of all births occurring in hospitals has been 98 percent or higher since 1966. For white births, the proportion of in-hospital deliveries has been 98 percent or higher since 1955; for black births, the 98 percent level was reached in 1973 (see tables 10–12). As in previous years, the vast majority of hospital births were attended by physicians, 97.5 percent in 1984; however, this proportion has been declining for the past several years.

Midwives continued to deliver more babies in 1984, especially in hospitals. A total of 78,040 births were attended by midwives in hospitals in 1984, up 9 percent from the 1983 total (71,617) and up 51 percent from the 1980 level (51,576 births). Midwife-attended births accounted for 2.1 percent of all in-hospital deliveries in 1984, a slight increase from the 2.0 percent level in 1983.

In past years midwives have attended increasingly more births, both white and black, in hospitals. In 1984, however, the entire increase in midwife-attended deliveries in hospitals was confined to white babies; there was a 12-percent increase in these deliveries. Among black births occurring in hospitals, there was a 1-percent reduction in the number attended by midwives.

Among births occurring outside hospitals, there was a 3-percent rise in the number attended by midwives, 15,862 births compared with 15,406. This increase, too, was confined to white births: There was a 4-percent rise for white births attended by midwives (to 14,910 births) in contrast to a 17-percent decline for black births (to just 616 births).

There are wide variations in the proportions of midwife-attended deliveries by State (data are not shown in this report). In 13 States midwives attended at least 4 percent of all in-hospital births in 1984; these States are Alaska, Arizona, Connecticut, Florida, Georgia, Kentucky, Minnesota, Nevada, New Hampshire, New Mexico, Oregon, Utah, and Vermont.

### Age of father

The birth rate for men declined for the second consecutive year, to 55.0 live births per 1,000 men aged 15–54 years. The 1984 rate was 1 percent below the 1983 rate, 55.3 (basic data are shown in table 13, and birth rates by age of father are presented in table 14). The birth rates for white and black men also were 1 percent below the 1983 levels: The rate for white men dropped from 51.5 in 1983 to 51.2 in 1984, while the rate for black men declined from 78.0 to 77.6.

Rates declined by 2–3 percent for men in age groups 15–19, 20–24, 25–29, and 45–49 years. Rates for men aged 30–39 increased 1 percent or less, and rates for men aged 40–44 and 50–54 years increased by 3–4 percent. The increases in rates for men, particularly those aged 35–44 years, were consistent with the trend toward delayed parenting described in the first section of this report (“Births and birth rates”).

Changes in birth rates for white men from 1983 to 1984 were generally comparable to those for men of all races for

ages 15–44 years. Rates for white men aged 45–54 years did not change. Increases and declines in rates for black men were widely dispersed. Rates increased for men aged 15–19, 40–44, and 50–54 years. Declines of 1–2 percent were measured for other age groups. The rate for men aged 55 years and over did not change.

### Weight at birth

The proportion of babies weighing less than 2,500 grams at birth (5 pounds 8 ounces) was 6.7 percent in 1984, a slight decline from the 6.8 percent level measured in 1983. The 1984 proportion is the lowest recorded since 1950 when national statistics on birth weight first became available. Although there were slight declines in the low-birth-weight proportions for both white and black infants, the differential remains substantial. In 1984, 5.6 percent of white babies and 12.4 percent of black babies weighed less than 5½ pounds.

Babies born to mothers aged 25–29 and 30–34 years consistently have had the lowest risk of low birth weight. The low-birth-weight proportion for these babies was 5.9 percent in 1984 (table 15). There were declines or no changes in the low-birth-weight proportions for babies born to mothers of all ages except those to teenagers 16 years old, for whom there was a 2-percent rise, and babies born to mothers aged 45–49 years, for whom there was a 5-percent increase. The most notable decline was that for babies born to the youngest mothers, under 15 years of age. The 1984 proportion was 13.6 percent compared with 14.5 percent in 1983.

The trends in proportions of low-birth-weight infants by age of mother were similar for white and black births, although the levels were substantially higher for black births regardless of age of mother. The racial differential was smallest for births to teenagers and to mothers in their late forties, the ages where the risk is highest.

There were slight increases—10 grams—in the median birth weights of white and black infants in 1984, to 3,420 grams for white babies (7 pounds 9 ounces) and to 3,180 grams for black babies (7 pounds). The median weight for all babies remained at 3,370 grams (7 pounds 7 ounces).

The number and proportion of low-birth-weight infants by race of child for each State are shown in table 16. There is considerable variation in the percent low birth weight from State to State within each racial group. Some of this variation may be associated with State-to-State variation in the proportions of births to teenage mothers as well as the distributions of births by race. Teenage mothers account for 18 percent of low-birth-weight babies but just 13 percent of all births. Similarly, black mothers account for 30 percent of low-birth-weight babies but just 16 percent of all births. The interstate variation for black births is reduced when States with relatively few black births are excluded from the comparison.

The relationship of period of gestation and the incidence of low birth weight is discussed in a subsequent section of this report, “Period of gestation.”

## Multiple births

The number of babies who were part of a multiple delivery totaled 74,602 in 1984, a 1-percent rise over the 73,862 reported in 1983 (table 17). Multiple deliveries consist of twins, triplets, quadruplets, and higher order plural births. In 1984, as in previous years, the vast majority of multiple births were live births in twin deliveries (72,949). The multiple birth ratio in 1984 was unchanged from 1983, at 20.3 live births in multiple deliveries per 1,000 total live births. The 1983-84 ratios are the highest observed since 1960 (20.4).

Over the years, multiple birth ratios have been consistently higher for black than for white births. This disparity continued in 1984 but there was a slight reduction in the differential between the two ratios; the ratio for white births increased 1 percent, to 19.8, while it declined by 1 percent for black births, to 24.2.

Multiple birth ratios vary in a consistent pattern according to age of mother. In 1984, the ratio increased from 10.4 for births to mothers under 15 years to 26.9 for births to women aged 35-39 years and then declined to 12.6 for births to mothers aged 45-49 years. There was a similar pattern in the ratios for white and black births by age of mother although ratios for black births were higher than for white births at each age.

Although the number of plural births increased by only 1 percent overall between 1983 and 1984, there was a substantially greater increase in the number of triplet and higher order multiple births than in the number of births in twin deliveries, 5 percent compared with 1 percent. The relatively large rise in the last half dozen years in the number of births in triplet and higher order deliveries may be associated with the use of fertility drugs to enable couples with reproductive impairments to have children. Women treated with these drugs are generally more likely to have a multiple delivery.<sup>4</sup>

## Births to unmarried women

All measures which describe the incidence of childbearing by unmarried women rose between 1983 and 1984 to the highest levels observed since 1940 when national statistics were first collected on this subject. Measures of nonmarital births to white women rose to their highest levels as well, while for unmarried black women, all measures except the nonmarital birth rate were higher than ever before.

Unmarried women gave birth to 770,355 babies in 1984, 4 percent more than the number reported in 1983 (737,893). As in the last several years, the increase was larger for white births (6 percent) than for black births (3 percent).

The rate of childbearing by unmarried women was 31.0 births per 1,000 unmarried women aged 15-44 years, a 2-percent increase over the 1983 rate of 30.4. The rate for white women was 20.1, 4 percent above the 1983 rate (19.3), while the rate for black women was 76.8, 1 percent below the rate for 1983 (77.7). (See tables 18 and 19.)

The ratio of births to unmarried women was 210.0 per 1,000 total births in 1984, 4 percent higher than the ratio for 1983 (202.8). In other words, more than one out of every five births in 1984 was to an unmarried mother. The ratio for white births was 134.1, up 5 percent from 1983 (127.7), and for black births it was 592.0, up 2 percent (582.0).

There were increases in the nonmarital birth rates for women of all ages under 40 years, except those aged 15-17 years, for whom the rate fell 1 percent. The decline in the rate for young teenagers was the first since 1978. Increases for other age groups were 3 percent for ages 20-24 years, 4 percent for ages 25-29 and 30-34 years, 5 percent for ages 18-19 years, and 6 percent for ages 35-39 years. The risk that an unmarried woman would give birth continued to be highest for women aged 20-24 years, with a rate of 43.2. The rate for women aged 18-19 years was nearly as high (43.0).

The differential between white and black women in the incidence of nonmarital childbearing continued to decline in 1984, although the rate for black women remains substantially above the rate for white women. Since 1975, the birth rate for unmarried black women has generally declined, while the rate for white women has increased steadily. The 1984 rate for unmarried black women of 76.8 births per 1,000 unmarried women aged 15-44 years was 9 percent below the 1975 rate of 84.2. The rate for unmarried white women of 20.1 in 1984 was 62 percent higher than the 1975 rate of 12.4.

Increases in birth rates for unmarried white women by age between 1983 and 1984 were similar to those for women of all races except that the increases were larger for white women; the range was 5-7 percent. The only age-specific rates for black women to increase were those for women 18-19 years (2 percent) and 20-24 years (1 percent). There were declines in rates of up to 8 percent for other age groups.

The rapid rise in the number of births to unmarried women during a period when total births have increased only slightly reflects large increases in two measures that statistically determine the number of nonmarital births. These are the birth rate for unmarried women and the number of unmarried women in the childbearing ages. Since 1980, the nonmarital birth rate rose 5 percent and the number of unmarried women increased 9 percent. By contrast, the general fertility rate, which is influenced principally by marital fertility, declined 4 percent and the total number of women in the childbearing ages increased just 6 percent. The growth in the population of unmarried women has outpaced that of all women because of the widespread tendency to delay marriage to increasingly older ages as well as the increasing number of divorces. For example, in 1974, about one in seven women aged 30-34 was unmarried. By 1984, the proportion had risen to one in four.

The increased number of unmarried women at relatively older ages along with the rising rates of nonmarital childbearing among these women have resulted in considerable increases in the number of births. In fact, unmarried postteenaged women account for all of the increase in the number of nonmarital births since 1980. Consequently these women account also for

a growing proportion of all nonmarital births, 65 percent in 1984 compared with 59 percent in 1980.

There are wide variations from State to State in the incidence of nonmarital births. The numbers and ratios of births to unmarried women, by race, are shown in table 16.

### Interval since last live birth

Intervals between successive births are calculated from the date of the last live birth and the date of the present birth. Forty-nine States and the District of Columbia reported the date of the mother's last live birth on the birth certificates in 1984; Texas did not request this information. Interbirth intervals are calculated for all second and higher order births (table 20).

The proportions of births occurring within various intervals following the mother's previous live birth have been very stable for the past several years. In each year since 1980, 13 percent of all second and higher order births occurred within 18 months of the mother's previous live birth. In 1984 as in 1983, 27 percent of all births followed within 2 years of the previous live birth, and 52 percent followed within 3 years of the previous birth.

The relative stability in interbirth intervals also extends to the racial differentials observed, particularly for short intervals. In 1984, 11 percent of white babies compared with 17 percent of black babies were born less than 18 months after their mother's previous live birth, about the same proportions as observed since 1980. Closely spaced births are associated with higher rates of low birth weight and other health complications. In 1984, for example, 9 percent of babies born within 18 months of the previous live birth were of low birth weight, 25 to 100 percent higher than the comparable proportions for infants born after longer intervals.

Young mothers tend to have more closely spaced births than do older mothers, a fact that exacerbates some of the health risks associated with young motherhood. In 1984, 57 percent of second births to mothers aged 18–19 years followed the mother's first birth by less than 2 years, compared with 32 percent for mothers aged 20–24 years and 14 percent for mothers aged 30–34 years.

### Educational attainment of mother and father

Educational attainment of parents was reported on the birth certificates of 47 States and the District of Columbia in 1984. The reporting area has been unchanged since 1980, and excludes California, Texas, and Washington.

The proportions of mothers and fathers who have completed at least 12 years of formal education increased slightly between 1983 and 1984. In 1984, 79 percent of mothers and 85 percent of fathers had graduated from high school (table 21). The educational attainment of fathers is somewhat overstated because it is based mainly on data for births to married

parents; educational attainment of the father is often not reported if the mother is unmarried. Unmarried mothers, and presumably the fathers, tend to be much younger than married parents and, therefore, have had less opportunity to advance their educations.

There was no change in the proportion of mothers who have completed college. In 1984 as in 1983, 16 percent of mothers had graduated from college. There were, however, gains in the proportions of college graduates among mothers aged 30 years and over. During the past several years, the proportion of mothers whose education was limited to 8 years or fewer has been 4 percent.

There were slight increases for both white and black mothers in the proportion completing at least 12 years of school, but the racial differential remains considerable. In 1984, 82 percent of white mothers compared with 67 percent of black mothers had completed high school. The disparity between white and black mothers is greater for college graduates: 18 percent of white mothers and 7 percent of black mothers had completed 4 years of college.

Mothers aged 30–34 years continued to have the highest level of educational attainment (table 22). In 1984, the median number of years of schooling for mothers in their early thirties was 14.2, followed by a median of 14.0 for mothers aged 35–39 years. While the medians for mothers aged 30 years and over all increased between 1983 and 1984, there was no change in the medians for mothers in the age groups 15–29 years. The medians for white mothers increased for ages 35–39 years (14.5) and 40 years and over (12.9). Among black mothers, medians increased for mothers aged 30–34 years (12.8) and 35–39 years (12.7).

### Births for other race and national origin groups

The number of births of "Other Asian or Pacific Islander" races declined by 1 percent between 1983 and 1984, the first drop following a period of steady increases in these births between 1978 and 1983. In 1984, there were 56,570 births classified as "Other Asian or Pacific Islander" compared with 57,417 in 1983 (table 23). This category comprises births to Asian Indian, Cambodian, Korean, Laotian, Thai, and Vietnamese persons but excludes Chinese, Japanese, Hawaiian, and Filipino births. Substantial increases were measured for Chinese births (13 percent), Japanese births (8 percent), and Filipino births (12 percent). The unusually large rise in the numbers of Chinese, Japanese, and Filipino births reflects increases of 21 to 27 percent in the numbers of these births to California residents.

Teenage childbearing is relatively uncommon among Chinese, Japanese, Filipino, and Other Asian and Pacific Islander mothers (table 23). In 1984, 6 percent or fewer of these births were to mothers under 20 years, compared with 11 percent of white births, 24 percent of black births, 20 percent of American Indian births, and 16 percent of Hawaiian births. In contrast, more than half of Chinese births and 35–47 percent of Japanese, Filipino, and Other Asian and Pacific Islander births



were to mothers aged 30 years and over, compared with 25 percent of white births, 17 percent of black births, 18 percent of American Indian births, and 20 percent of Hawaiian births.

The distributions of births by live-birth order and by educational attainment of mother are generally consistent with the distributions by age of mother (data are not shown in this report). High levels of teenage childbearing tend to be associated with higher completed fertility. For example, births of fourth and higher order are relatively frequent among black, American Indian, and Hawaiian mothers (14–18 percent) and comparatively uncommon among Chinese and Japanese mothers (5 percent or less). High proportions of births to mothers aged 30 years and over tend to be associated with relatively higher levels of educational attainment. Thus, 35–38 percent of Chinese, Japanese, and Filipino mothers had completed 4 years or more of college, two to eight times the proportions for white, black, American Indian, or Hawaiian mothers.

The proportion of babies of low birth weight for races other than white and black ranged from 5.1 percent for Chinese to 7.7 percent for Filipino births (table 24). Although the percent low birth weight has varied somewhat for these racial groups in recent years, the proportions for American Indian, Japanese, Filipino, and Hawaiian births have been consistently slightly higher than the percent for white births and substantially below that for black infants.<sup>5</sup> The very low level of teenage childbearing among these groups, except American Indian and Hawaiian, is probably an important factor explaining the relatively favorable proportions of low birth weight, because teenage mothers account for a disproportionately large share of low-weight infants.

### Month of pregnancy prenatal care began

The proportion of mothers who made their initial visit for prenatal care in the critical first trimester of pregnancy was 77 percent in 1984, compared with the 76-percent level receiving early care during 1979–83. As in the previous year, 6 percent of mothers giving birth in 1984 did not begin prenatal care until the third trimester (delayed care) or had no care at all. (Data for 1984 are shown in table 25.)

Eighty percent of white mothers received early prenatal care in 1984, up slightly from 79 percent in 1983. The proportion of black mothers initiating prenatal care in the first trimester was unchanged at 62 percent. The racial differential continues, therefore, to be substantial. Prenatal care was delayed or not received at all by 5 percent of white mothers and 10 percent of black mothers, the same levels as reported in 1983.

There was no particular pattern to the changes in receipt of prenatal care by mother's age. The proportion receiving early care fell slightly or did not change for mothers aged 15 and 18–29 years. Conversely there were increases of up to 3 percent for mothers under age 15, 16–17, and 30 years and over. Although the overall level of delayed or no prenatal care did not change in 1984, there were increases of 1–4 percent in this proportion for mothers aged 15 and 18–29 years. Reductions

of 2–11 percent in delayed or no care were reported for mothers under 15 and 35 years and over. The improvements in timeliness of receipt of prenatal care were observed among more age groups of black than of white women.

A very high proportion of teenage mothers in 1984 as in previous years had delayed or no prenatal care, 12 percent overall among women under 20 years of age, but as high as 21 percent for those under 15 years and decreasing to 10 percent for women aged 19 years. At ages under 18 years the proportions with delayed or no care were similar for white and black mothers. The racial disparity in receipt of prenatal care increased with advancing age of mother, reaching a peak at ages 30–34 years.

When the data are further examined by educational attainment of the mother, it is evident that gains in receipt of early prenatal care were widely dispersed among all educational levels. In previous years, the gains were confined to the best-educated mothers. Regardless of educational level, black mothers tended to make more advances in the prompt receipt of prenatal care than white mothers.

There were declines in the proportions of mothers whose prenatal care was delayed or who had no care for women who were not high school graduates and for women who were college graduates. The proportions were unchanged for mothers who were high school graduates and for women with some college.

### Number of prenatal visits

The median number of visits made to obtain prenatal care by mothers who had care was 11.7 in 1984, a slight increase over the median for 1983, 11.6. The medians for white and black mothers were unchanged at 12.0 for white mothers and 10.3 for black mothers. (Basic data are presented in table 26.) In 1984, 49 States and the District of Columbia reported the number of prenatal visits on their birth certificates; California did not report this information.

The American College of Obstetricians and Gynecologists has recommended that a pregnant woman make about 13 visits for prenatal care during the course of a normal, full-term pregnancy. During 1984, 27 percent of mothers giving birth made 13 visits or more. There was a substantial differential in this proportion for white and black mothers: 29 percent of white mothers compared with 20 percent of black mothers made 13 visits or more. Even when the comparison is restricted to mothers whose pregnancies were full-term, the racial differential is considerable. Among women whose pregnancies lasted 40 weeks or longer, 33 percent of white mothers and 23 percent of black mothers made 13 visits or more to obtain prenatal care.

A number of factors likely are associated with the disparity between white and black mothers in the number of prenatal care visits. One is the tendency for black mothers to begin care later in their pregnancies than white mothers. A second factor is the much higher proportion of births to teenage mothers among black than among white women: in 1984, 24 percent of

black mothers but only 11 percent of white mothers were under 20 years of age. Teenage mothers tend to begin care later and make fewer visits than older mothers. A third factor highly correlated with receipt of prenatal care is educational attainment, for which there is a substantial disparity between white and black mothers, especially for those who completed college (18 percent of white mothers compared with 7 percent of black mothers).

As would be expected, the median number of prenatal visits is closely related to the trimester of pregnancy in which prenatal care began. Early care is associated with more visits than is late care. On the average, mothers whose care began in the first trimester made 2½ times as many visits as did mothers whose care began in the third trimester (12.3 visits compared with 4.9). These differentials were similar for white and black mothers except that the medians were higher for white than for black mothers in each trimester.

### Period of gestation

The first day of the mother's last normal menstrual period (LMP) was reported on the birth certificates of 49 States and the District of Columbia in 1984; New Mexico did not request this information. The length of gestation is calculated as the interval between the LMP date and the date of birth.

The proportion of babies born preterm, that is, prior to 37 completed weeks of gestation, declined from 9.6 percent in 1983 to 9.4 percent in 1984 (table 27). This was the first decline in the proportion since 1981 (also 9.4 percent). Although there were declines in the proportions preterm for both white and black infants, with the reductions much greater for black infants, the racial differential remains substantial. In 1984, the proportion preterm for white infants was 7.9 percent compared with 8.0 percent in 1983, and for black infants it was 16.8 percent compared with 17.4 percent in 1983.

The length of gestation has a critical bearing on whether an infant will be of low birth weight. Among infants born prior to 37 weeks of gestation in 1984, 40 percent weighed less than 5½ pounds at birth. This level of risk, equally high for both white and black babies, has been observed for many years. In contrast, babies born at term or later had a sharply reduced risk of low birth weight, only 3 percent in 1984.

The racial differential in low birth weight, described in a previous section of this report, is observed only among term and postterm babies, among whom 2.5 percent of white infants and 5.9 percent of black infants weighed less than 2,500 grams.

Furthermore, the racial disparity in low birth weight increases as the gestation period advances. Among infants born at 37–39 weeks, 4.1 percent of white babies compared with 7.8 percent of black babies were of low birth weight; among babies born at 40 weeks or longer gestation, 1.5 percent of white babies compared with 4.0 percent of black babies weighed under 5½ pounds.

### Apgar score

The Apgar score, named after the late physician Virginia Apgar who originated it, is a summary measure used to evaluate the newborn infant's condition at birth. The score is a composite evaluation of five factors—the infant's heart rate, respiratory effort, muscle tone, irritability, and color—each of which is assigned a value from 0 to 2. The overall score is the sum of the five values, with a score of 10 being optimum. In 1984, 46 States and the District of Columbia reported the Apgar scores at 1 and 5 minutes after birth; California, Delaware, Oklahoma, and Texas did not request this information.

High 1-minute Apgar scores of 9 or 10 were reported for 42.2 percent of all births in 1984, a decline from the 43.0 percent level reported in 1983 (table 28). Five-minute scores of 9 or 10 were reported for 87.4 percent of babies in 1984, a slight increase compared with 1983 (87.2), and the first increase in this proportion since 1978 when data on Apgar scores first became available. Although black infants were more likely than white infants to have high 1-minute scores (43.8 percent compared with 42.0 percent), the reverse was true for the 5-minute scores: 87.9 percent of white babies and 85.0 percent of black babies had scores of 9 or 10.

A review of the 5-minute scores according to mother's age shows relationships very similar to those between low birth weight and age of mother. Babies born to young mothers under 20 years and mothers aged 40 years and over were more likely to have low scores and less likely to have high scores than mothers in their twenties and thirties (table 29). For example, 5-minute scores of less than 7 were reported for 3.8 percent of babies born to mothers under 15 years, more than twice the level of risk as reported for births to mothers aged 25–29 and 30–34 years (1.7 percent). The proportion of babies with high 5-minute scores of 9 or 10 increased from 82.0 percent for births to mothers under 15 years to 88.4 percent for births to mothers 30–34 years, and then declined to 85.7 percent for births to mothers aged 40 years and over.

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**Table 1. Live births, birth rates, and fertility rates, by race of child: United States, specified years 1940-55 and each year 1960-84**

[Birth rates are live births per 1,000 population in specified group. Fertility rates per 1,000 women aged 15-44 years in specified group. Population enumerated as of April 1 for census years and estimated as of July 1 for all other years. Beginning with 1970, excludes births to nonresidents of the United States]

Year	Number				Birth rate				Fertility rate			
	All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black
<b>Registered births</b>												
1984 <sup>1</sup>	3,669,141	2,923,502	745,639	592,745	15.5	14.5	21.2	20.8	65.4	62.2	82.5	81.4
1983 <sup>1</sup>	3,638,933	2,904,250	734,683	586,027	15.5	14.6	21.3	20.9	65.8	62.4	83.2	81.7
1982 <sup>1</sup>	3,680,537	2,942,054	738,483	592,641	15.9	14.9	21.9	21.4	67.3	63.9	85.5	84.1
1981 <sup>1</sup>	3,629,238	2,908,669	720,569	587,797	15.8	14.8	22.0	21.6	67.4	63.9	86.4	85.4
1980 <sup>1</sup>	3,612,258	2,898,732	713,526	589,616	15.9	14.9	22.5	22.1	68.4	64.7	88.6	88.1
1979 <sup>1</sup>	3,494,398	2,808,420	685,978	577,855	15.6	14.5	22.2	22.0	67.2	63.4	88.5	88.3
1978 <sup>1</sup>	3,333,279	2,681,116	652,163	551,540	15.0	14.0	21.6	21.3	65.5	61.7	87.0	86.7
1977 <sup>1</sup>	3,326,632	2,691,070	635,562	544,221	15.1	14.1	21.6	21.4	66.8	63.2	87.7	88.1
1976 <sup>1</sup>	3,167,788	2,567,614	600,174	514,479	14.6	13.6	20.8	20.5	65.0	61.5	85.8	85.8
1975 <sup>1</sup>	3,144,198	2,551,996	592,202	511,581	14.6	13.6	21.0	20.7	66.0	62.5	87.7	87.9
1974 <sup>1</sup>	3,159,958	2,575,792	584,166	507,162	14.8	13.9	21.2	20.8	67.8	64.2	89.8	89.7
1973 <sup>1</sup>	3,136,965	2,551,030	585,935	512,597	14.8	13.8	21.7	21.4	68.8	64.9	93.4	93.6
1972 <sup>1</sup>	3,258,411	2,655,558	602,853	531,329	15.6	14.5	22.8	22.5	73.1	68.9	99.5	99.9
1971 <sup>2</sup>	3,555,970	2,919,746	636,224	564,960	17.2	16.1	24.6	24.4	81.6	77.3	109.1	109.7
1970 <sup>2</sup>	3,731,386	3,091,264	640,122	572,362	18.4	17.4	25.1	25.3	87.9	84.1	113.0	115.4
1969 <sup>2</sup>	3,600,206	2,993,614	606,592	543,132	17.9	16.9	24.5	24.4	86.1	82.2	111.6	112.1
1968 <sup>2</sup>	3,501,564	2,912,224	589,340	531,152	17.6	16.6	24.2	24.2	85.2	81.3	111.9	112.7
1967 <sup>3</sup>	3,520,959	2,922,502	598,457	543,976	17.8	16.8	25.0	25.1	87.2	82.8	117.1	118.5
1966 <sup>2</sup>	3,606,274	2,993,230	613,044	558,244	18.4	17.4	26.1	26.2	90.8	86.2	123.5	124.7
1965 <sup>2</sup>	3,760,358	3,123,860	636,498	581,126	19.4	18.3	27.6	27.7	96.3	91.3	131.9	133.2
1964 <sup>2</sup>	4,027,490	3,369,160	658,330	607,556	21.1	20.0	29.2	29.5	104.7	99.8	140.0	142.6
1963 <sup>2,4</sup>	4,098,020	3,326,344	638,928	580,658	21.7	20.7	29.7	---	108.3	103.6	143.7	---
1962 <sup>2,4</sup>	4,167,362	3,394,068	641,580	584,610	22.4	21.4	30.5	---	112.0	107.5	147.8	---
1961 <sup>2</sup>	4,268,326	3,600,864	667,462	611,072	23.3	22.2	31.6	---	117.1	112.3	153.0	---
1960 <sup>2</sup>	4,257,850	3,600,744	657,106	602,264	23.7	22.7	32.1	31.9	118.0	113.2	153.6	153.5
<b>Births adjusted for underregistration</b>												
1955	4,097,000	3,485,000	613,000	---	25.0	23.8	34.5	---	118.3	113.7	154.3	---
1950	3,632,000	3,108,000	524,000	---	24.1	23.0	33.3	---	106.2	102.3	137.3	---
1945	2,858,000	2,471,000	388,000	---	20.4	19.7	26.5	---	85.9	83.4	106.0	---
1940	2,559,000	2,199,000	360,000	---	19.4	18.6	26.7	---	79.9	77.1	102.4	---

<sup>1</sup>Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

<sup>2</sup>Based on a 50-percent sample of births.

<sup>3</sup>Based on a 20- to 50-percent sample of births.

<sup>4</sup>Figures by race exclude data for New Jersey.

**Table 2. Live births by age of mother, live-birth order, and race of child: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes. Live-birth order refers to number of children born alive to mother]

Live-birth order and race of child	Age of mother													
	All ages	Under 15 years	15-19 years						20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15 years	16 years	17 years	18 years	19 years						
<b>All races</b>														
Total.....	3,669,141	9,965	469,682	24,142	53,178	89,424	130,159	172,779	1,141,578	1,165,711	658,496	195,755	26,846	1,108
First child.....	1,529,905	9,638	361,493	22,601	47,485	74,222	98,456	118,729	554,790	406,531	159,238	34,827	3,287	101
Second child.....	1,209,567	251	88,245	1,337	5,007	13,192	26,229	42,480	395,939	432,774	234,114	53,744	4,404	96
Third child.....	563,133	18	15,187	59	388	1,402	4,280	9,058	138,039	210,557	149,198	45,202	4,826	106
Fourth child.....	207,393	4	2,137	1	21	122	509	1,484	36,474	73,275	64,211	27,136	4,021	135
Fifth child.....	76,857	-	248	-	-	9	41	198	8,698	23,955	26,468	14,284	3,073	131
Sixth child.....	32,694	-	25	-	-	-	5	20	1,959	8,436	11,779	8,152	2,211	132
Seventh child.....	15,149	-	10	-	-	1	3	6	439	2,867	5,366	4,798	1,576	93
Eighth child and over.....	16,686	-	17	-	-	-	13	4	285	1,609	4,641	6,517	3,312	305
Not stated.....	17,757	54	2,320	144	277	476	623	800	4,955	5,707	3,481	1,095	136	9
<b>White</b>														
Total.....	2,923,502	3,959	320,953	12,869	32,529	59,618	90,470	125,467	898,919	969,061	549,595	159,246	20,974	795
First child.....	1,234,785	3,845	254,632	12,209	29,791	51,351	71,235	90,046	456,197	350,745	137,274	29,356	2,670	66
Second child.....	987,108	73	55,758	556	2,395	7,299	16,457	29,051	314,409	368,040	200,473	44,804	3,476	75
Third child.....	439,755	11	7,877	18	151	584	2,118	5,006	97,454	169,153	124,326	37,010	3,841	83
Fourth child.....	151,733	3	877	-	5	48	184	640	21,437	53,549	50,631	21,859	3,272	105
Fifth child.....	52,792	-	84	-	-	2	7	75	4,176	15,474	19,448	11,063	2,441	106
Sixth child.....	21,618	-	10	-	-	-	4	6	861	4,894	8,083	6,059	1,618	93
Seventh child.....	9,863	-	5	-	-	-	2	3	172	1,480	3,516	3,482	1,146	62
Eighth child and over.....	11,033	-	11	-	-	-	7	4	162	784	2,834	4,647	2,398	197
Not stated.....	14,815	27	1,699	86	187	334	456	636	4,051	4,942	3,010	966	112	8
<b>All other</b>														
Total.....	745,639	6,006	148,729	11,273	20,649	29,806	39,689	47,312	242,659	196,650	108,901	36,509	5,872	313
First child.....	295,120	5,793	106,861	10,392	17,694	22,871	27,221	28,683	98,593	55,786	21,964	5,471	617	35
Second child.....	222,459	178	32,487	781	2,612	5,893	9,772	13,429	81,530	64,734	33,641	8,940	928	21
Third child.....	123,378	7	7,310	41	237	818	2,162	4,052	40,585	41,404	24,872	8,192	985	23
Fourth child.....	55,660	1	1,260	1	16	74	325	844	15,037	19,726	13,580	5,277	749	30
Fifth child.....	24,065	-	164	-	-	7	34	123	4,522	8,481	7,020	3,221	632	25
Sixth child.....	11,076	-	15	-	-	-	1	14	1,098	3,542	3,696	2,093	593	39
Seventh child.....	5,286	-	5	-	-	1	1	3	267	1,387	1,850	1,316	430	31
Eighth child and over.....	5,653	-	6	-	-	-	6	-	123	825	1,807	1,870	914	108
Not stated.....	2,942	27	621	58	90	142	167	164	904	765	471	129	24	1
<b>Black</b>														
Total.....	592,745	5,720	134,392	10,637	19,158	27,112	35,656	41,829	203,562	147,111	73,858	24,028	3,906	168
First child.....	233,583	5,516	96,109	9,800	16,378	20,699	24,245	24,987	80,151	36,129	12,295	3,011	353	19
Second child.....	174,722	172	29,595	746	2,466	5,444	8,908	12,031	68,988	48,921	21,309	5,197	528	12
Third child.....	99,769	7	6,767	38	219	764	2,010	3,736	35,142	33,561	18,242	5,432	607	11
Fourth child.....	45,442	1	1,195	1	15	71	308	800	13,160	16,166	10,467	3,893	538	22
Fifth child.....	19,519	-	155	-	-	7	33	115	4,003	6,944	5,457	2,474	471	15

Sixth child .....	8,835	-	15	-	-	-	1	14	1,002	2,952	2,872	1,554	420	20
Seventh child .....	4,136	-	5	-	-	1	1	3	240	1,161	1,417	988	309	16
Eighth child and over .....	4,412	-	6	-	-	-	6	-	107	713	1,473	1,397	663	53
Not stated .....	2,327	24	545	52	80	126	144	143	769	564	326	82	17	-

Table 3. Birth rates by age of mother, live-birth order, and race of child: United States, 1984

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes. Rates are live births per 1,000 women in specified age and racial group. Live-birth order refers to number of children born alive to mother]

Live-birth order and race of child	Age of mother										
	15-44 years <sup>1</sup>	10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
<b>All races</b>											
Total .....	65.4	1.2	50.9	31.1	78.3	107.3	108.3	66.5	22.8	3.9	0.2
First child .....	27.4	1.1	39.4	27.1	56.4	52.4	38.0	16.2	4.1	0.5	0.0
Second child .....	21.7	0.0	9.6	3.7	17.8	37.4	40.4	23.8	6.3	0.6	0.0
Third child .....	10.1	0.0	1.7	0.3	3.5	13.0	19.7	15.2	5.3	0.7	0.0
Fourth child .....	3.7	0.0	0.2	0.0	0.5	3.4	6.8	6.5	3.2	0.6	0.0
Fifth child .....	1.4	-	0.0	0.0	0.1	0.8	2.2	2.7	1.7	0.4	0.0
Sixth and seventh child .....	0.9	-	0.0	0.0	0.0	0.2	1.1	1.7	1.5	0.5	0.0
Eighth child and over .....	0.3	-	0.0	-	0.0	0.0	0.2	0.5	0.8	0.5	0.1
<b>White</b>											
Total .....	62.2	0.6	42.5	23.9	68.1	101.4	107.7	66.1	21.7	3.5	0.2
First child .....	26.4	0.6	33.9	21.4	51.1	51.7	39.2	16.6	4.0	0.5	0.0
Second child .....	21.1	0.0	7.4	2.4	14.4	35.6	41.1	24.3	6.1	0.6	0.0
Third child .....	9.4	0.0	1.0	0.2	2.3	11.0	18.9	15.0	5.1	0.6	0.0
Fourth child .....	3.2	0.0	0.1	0.0	0.3	2.4	6.0	6.1	3.0	0.6	0.0
Fifth child .....	1.1	-	0.0	0.0	0.0	0.5	1.7	2.4	1.5	0.4	0.0
Sixth and seventh child .....	0.7	-	0.0	-	0.0	0.1	0.7	1.4	1.3	0.5	0.0
Eighth child and over .....	0.2	-	0.0	-	0.0	0.0	0.1	0.3	0.6	0.4	0.0
<b>All other</b>											
Total .....	82.5	3.7	89.0	63.3	124.8	136.4	111.5	68.5	29.2	6.0	0.4
First child .....	32.8	3.6	64.2	52.5	80.5	55.6	31.8	13.9	4.4	0.6	0.0
Second child .....	24.7	0.1	19.5	9.6	33.4	46.0	36.9	21.3	7.2	0.9	0.0
Third child .....	13.7	0.0	4.4	1.1	8.9	22.9	23.6	15.7	6.6	1.0	0.0
Fourth child .....	6.2	0.0	0.8	0.1	1.7	8.5	11.2	8.6	4.2	0.8	0.0
Fifth child .....	2.7	-	0.1	0.0	0.2	2.6	4.8	4.4	2.6	0.6	0.0
Sixth and seventh child .....	1.8	-	0.0	0.0	0.0	0.8	2.8	3.5	2.7	1.0	0.1
Eighth child and over .....	0.6	-	0.0	-	0.0	0.1	0.5	1.1	1.5	0.9	0.1
<b>Black</b>											
Total .....	81.4	4.3	95.7	69.7	132.0	137.9	103.2	59.5	24.8	5.1	0.2
First child .....	32.2	4.2	68.7	57.7	84.2	54.5	25.5	9.9	3.1	0.5	0.0
Second child .....	24.1	0.1	21.2	10.7	35.8	46.9	34.5	17.2	5.4	0.7	0.0
Third child .....	13.7	0.0	4.8	1.3	9.8	23.9	23.6	14.8	5.6	0.8	0.0
Fourth child .....	6.3	0.0	0.9	0.1	1.9	8.9	11.4	8.5	4.0	0.7	0.0
Fifth child .....	2.7	-	0.1	0.0	0.3	2.7	4.9	4.4	2.6	0.6	0.0
Sixth and seventh child .....	1.8	-	0.0	0.0	0.0	0.8	2.9	3.5	2.6	1.0	0.1
Eighth child and over .....	0.6	-	0.0	-	0.0	0.1	0.5	1.2	1.4	0.9	0.1

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



**Table 4. Total fertility rates and birth rates by age of mother and race of child: United States, 1970-84**

[Total fertility rates are sums of birth rates for 5-year age groups multiplied by 5. Birth rates are live births per 1,000 women in specified group, enumerated as of April 1 for 1970 and 1980 and estimated as of July 1 for all other years]

Year and race of child	Total fertility rate	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
<b>All races</b>											
1984 <sup>1</sup>	1,805.5	1.2	50.9	31.1	78.3	107.3	108.3	66.5	22.8	3.9	0.2
1983 <sup>1</sup>	1,802.5	1.1	51.7	32.0	78.1	108.3	108.7	64.6	22.1	3.8	0.2
1982 <sup>1</sup>	1,828.5	1.1	52.9	32.4	80.7	111.3	111.0	64.2	21.1	3.9	0.2
1981 <sup>1</sup>	1,815.0	1.1	52.7	32.1	81.7	111.8	112.0	61.4	20.0	3.8	0.2
1980 <sup>1</sup>	1,839.5	1.1	53.0	32.5	82.1	115.1	112.9	61.9	19.8	3.9	0.2
1979 <sup>1</sup>	1,808.0	1.2	52.3	32.3	81.3	112.8	111.4	60.3	19.5	3.9	0.2
1978 <sup>1</sup>	1,760.0	1.2	51.5	32.2	79.8	109.9	108.5	57.8	19.0	3.9	0.2
1977 <sup>1</sup>	1,789.5	1.2	52.8	33.9	80.9	112.9	111.0	56.4	19.2	4.2	0.2
1976 <sup>1</sup>	1,738.0	1.2	52.8	34.1	80.5	110.3	106.2	53.6	19.0	4.3	0.2
1975 <sup>1</sup>	1,774.0	1.3	55.6	36.1	85.0	113.0	108.2	52.3	19.5	4.6	0.3
1974 <sup>1</sup>	1,835.0	1.2	57.5	37.3	88.7	117.7	111.5	53.8	20.2	4.8	0.3
1973 <sup>1</sup>	1,879.0	1.2	59.3	38.5	91.2	119.7	112.2	55.6	22.1	5.4	0.3
1972 <sup>1</sup>	2,010.0	1.2	61.7	39.0	96.9	130.2	117.7	59.8	24.8	6.2	0.4
1971 <sup>2</sup>	2,266.5	1.1	64.5	38.2	105.3	150.1	134.1	67.3	28.7	7.1	0.4
1970 <sup>2</sup>	2,480.0	1.2	68.3	38.8	114.7	167.8	145.1	73.3	31.7	8.1	0.5
<b>White</b>											
1984 <sup>1</sup>	1,718.5	0.6	42.5	23.9	68.1	101.4	107.7	66.1	21.7	3.5	0.2
1983 <sup>1</sup>	1,717.5	0.6	43.6	24.8	68.3	102.6	108.0	64.0	21.0	3.5	0.2
1982 <sup>1</sup>	1,742.0	0.6	44.6	25.2	70.8	105.9	110.3	63.3	20.0	3.5	0.2
1981 <sup>1</sup>	1,726.0	0.5	44.6	25.1	71.9	106.3	111.3	60.2	18.7	3.4	0.2
1980 <sup>1</sup>	1,748.5	0.6	44.7	25.2	72.1	109.5	112.4	60.4	18.5	3.4	0.2
1979 <sup>1</sup>	1,715.5	0.6	43.7	24.7	71.0	107.0	110.8	59.0	18.3	3.5	0.2
1978 <sup>1</sup>	1,667.5	0.6	42.9	24.9	69.4	104.1	107.9	56.6	17.7	3.5	0.2
1977 <sup>1</sup>	1,703.0	0.6	44.1	26.1	70.5	107.7	110.9	55.3	18.0	3.8	0.2
1976 <sup>1</sup>	1,652.0	0.6	44.1	26.3	70.2	105.3	105.9	52.6	17.8	3.9	0.2
1975 <sup>1</sup>	1,686.0	0.6	46.4	28.0	74.0	108.2	108.1	51.3	18.2	4.2	0.2
1974 <sup>1</sup>	1,748.5	0.6	47.9	28.7	77.3	113.0	111.8	52.9	18.9	4.4	0.2
1973 <sup>1</sup>	1,783.0	0.6	49.0	29.2	79.3	114.4	112.3	54.4	20.7	4.9	0.3
1972 <sup>1</sup>	1,906.5	0.5	51.0	29.3	84.3	124.8	117.4	58.4	23.3	5.6	0.3
1971 <sup>2</sup>	2,160.5	0.5	53.6	28.5	92.3	144.9	134.0	65.4	26.9	6.4	0.4
1970 <sup>2</sup>	2,385.0	0.5	57.4	29.2	101.5	163.4	145.9	71.9	30.0	7.5	0.4
<b>All other</b>											
1984 <sup>1</sup>	2,223.5	3.7	89.0	63.3	124.8	136.4	111.5	68.5	29.2	6.0	0.4
1983 <sup>1</sup>	2,225.0	3.5	89.3	64.2	123.9	136.8	112.1	68.4	28.6	5.9	0.4
1982 <sup>1</sup>	2,265.0	3.6	91.5	65.6	128.2	139.3	114.9	69.0	28.0	6.2	0.5
1981 <sup>1</sup>	2,274.5	3.6	91.8	65.2	130.8	140.8	115.9	68.5	27.6	6.3	0.4
1980 <sup>1</sup>	2,323.0	3.9	94.9	68.3	133.2	145.0	115.5	70.8	27.9	6.5	0.4
1979 <sup>1</sup>	2,309.5	4.1	96.5	70.5	134.9	144.3	114.6	68.3	27.3	6.4	0.4
1978 <sup>1</sup>	2,264.5	4.0	96.0	70.4	134.4	142.1	111.9	65.2	26.9	6.4	0.4
1977 <sup>1</sup>	2,278.5	4.3	99.5	74.8	136.8	142.3	111.5	63.4	27.3	6.9	0.5
1976 <sup>1</sup>	2,222.5	4.3	99.9	75.5	137.2	138.9	107.6	59.5	26.9	6.9	0.5
1975 <sup>1</sup>	2,276.0	4.7	106.4	80.5	146.1	141.0	108.7	58.8	27.6	7.5	0.5
1974 <sup>1</sup>	2,338.5	4.6	111.3	84.9	153.1	145.5	109.5	59.9	28.8	7.6	0.5
1973 <sup>1</sup>	2,443.0	5.0	117.5	90.5	160.9	151.6	111.2	63.2	30.9	8.6	0.6
1972 <sup>1</sup>	2,627.5	4.7	123.8	93.8	173.3	163.4	119.3	68.9	34.8	9.9	0.7
1971 <sup>2</sup>	2,919.5	4.7	128.5	94.0	185.6	184.0	134.6	79.3	40.2	11.7	0.9
1970 <sup>2</sup>	3,066.7	4.8	133.4	95.2	195.4	196.8	140.1	82.5	42.2	12.6	0.9

See footnotes at end of table.

Table 4. Total fertility rates and birth rates by age of mother and race of child: United States, 1970-84—Con.

[Total fertility rates are sums of birth rates for 5-year age groups multiplied by 5. Birth rates are live births per 1,000 women in specified group, enumerated as of April 1 for 1970 and 1980 and estimated as of July 1 for all other years]

Year and race of child	Total fertility rate	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
Black											
1984 <sup>1</sup>	2,153.5	4.3	95.7	69.7	132.0	137.9	103.2	59.5	24.8	5.1	0.2
1983 <sup>1</sup>	2,150.5	4.1	95.5	70.1	130.4	137.7	103.4	59.2	24.7	5.2	0.3
1982 <sup>1</sup>	2,188.5	4.1	97.0	71.2	133.3	139.1	106.9	60.4	24.4	5.4	0.4
1981 <sup>1</sup>	2,206.0	4.1	97.1	70.6	135.9	141.2	108.3	60.4	24.2	5.6	0.3
1980 <sup>1</sup>	2,266.0	4.3	100.0	73.6	138.8	146.3	109.1	62.9	24.5	5.8	0.3
1979 <sup>1</sup>	2,263.2	4.6	101.7	75.7	140.4	146.3	108.2	60.7	24.7	6.1	0.4
1978 <sup>1</sup>	2,218.0	4.4	100.9	75.0	139.7	143.8	105.4	58.3	24.3	6.1	0.4
1977 <sup>1</sup>	2,251.0	4.7	104.7	79.6	142.9	144.4	106.4	57.5	25.4	6.6	0.5
1976 <sup>1</sup>	2,187.0	4.7	104.9	80.3	142.5	140.5	101.6	53.6	24.8	6.8	0.5
1975 <sup>1</sup>	2,243.0	5.1	111.8	85.6	152.4	142.8	102.2	53.1	25.6	7.5	0.5
1974 <sup>1</sup>	2,298.5	5.0	116.5	90.0	158.7	146.7	102.2	54.1	27.0	7.6	0.6
1973 <sup>1</sup>	2,411.0	5.4	123.1	96.0	166.6	153.1	103.9	58.1	29.4	8.6	0.6
1972 <sup>1</sup>	2,601.0	5.1	129.8	99.5	179.5	165.0	112.4	64.0	33.4	9.8	0.7
1971 <sup>2</sup>	2,902.0	5.1	134.5	99.4	192.6	186.6	128.0	74.8	38.9	11.6	0.9
1970 <sup>2</sup>	3,098.7	5.2	147.7	101.4	204.9	202.7	136.3	79.6	41.9	12.5	1.0

<sup>1</sup>Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

<sup>2</sup>Based on a 50-percent sample of births.

**Table 5. Birth rates by live-birth order and race of child: United States, 1970 and 1975-84**

[Rates are live births per 1,000 women aged 15-44 years, enumerated as of April 1 for 1970 and 1980 and estimated as of July 1 for all other years. Figures for live-birth order not stated are distributed]

Year and race of child	Total	Live-birth order						
		1	2	3	4	5	6 and 7	8 and over
<b>All races</b>								
1984 <sup>1</sup>	65.4	27.4	21.7	10.1	3.7	1.4	0.9	0.3
1983 <sup>1</sup>	65.8	27.8	21.5	10.1	3.7	1.4	0.9	0.3
1982 <sup>1</sup>	67.3	28.6	22.0	10.2	3.8	1.4	0.9	0.3
1981 <sup>1</sup>	67.4	29.0	21.6	10.2	3.8	1.5	0.9	0.4
1980 <sup>1</sup>	68.4	29.5	21.8	10.3	3.9	1.5	1.0	0.4
1979 <sup>1</sup>	67.2	28.6	21.6	10.1	3.8	1.5	1.0	0.4
1978 <sup>1</sup>	65.5	27.8	21.1	9.8	3.8	1.5	1.0	0.4
1977 <sup>1</sup>	66.8	28.2	21.6	10.0	3.8	1.6	1.1	0.5
1976 <sup>1</sup>	65.0	27.5	20.8	9.5	3.8	1.6	1.2	0.6
1975 <sup>1</sup>	66.0	28.1	20.9	9.4	3.9	1.7	1.3	0.7
1970 <sup>2</sup>	87.9	34.2	24.2	13.6	7.2	3.8	3.2	1.8
<b>White</b>								
1984 <sup>1</sup>	62.2	26.4	21.1	9.4	3.2	1.1	0.7	0.2
1983 <sup>1</sup>	62.4	26.8	20.9	9.4	3.3	1.2	0.7	0.2
1982 <sup>1</sup>	63.9	27.7	21.3	9.5	3.3	1.2	0.7	0.3
1981 <sup>1</sup>	63.9	28.1	20.9	9.4	3.3	1.2	0.8	0.3
1980 <sup>1</sup>	64.7	28.4	21.0	9.5	3.4	1.3	0.8	0.3
1979 <sup>1</sup>	63.4	27.4	20.8	9.4	3.4	1.3	0.8	0.3
1978 <sup>1</sup>	61.7	26.6	20.2	9.2	3.3	1.3	0.8	0.3
1977 <sup>1</sup>	63.2	26.9	20.9	9.4	3.4	1.4	0.9	0.4
1976 <sup>1</sup>	61.5	26.3	20.2	8.9	3.4	1.4	1.0	0.4
1975 <sup>1</sup>	62.5	26.7	20.3	8.8	3.5	1.5	1.1	0.5
1970 <sup>2</sup>	84.1	32.9	23.7	13.3	6.8	3.4	2.7	1.2
<b>All other</b>								
1984 <sup>1</sup>	82.5	32.8	24.7	13.7	6.2	2.7	1.8	0.6
1983 <sup>1</sup>	83.2	33.0	24.8	13.8	6.2	2.7	1.9	0.7
1982 <sup>1</sup>	85.5	33.8	25.6	14.2	6.4	2.8	1.9	0.7
1981 <sup>1</sup>	86.4	34.3	25.9	14.2	6.4	2.8	2.0	0.8
1980 <sup>1</sup>	88.6	35.6	26.2	14.4	6.5	2.9	2.1	0.9
1979 <sup>1</sup>	88.5	35.7	26.2	14.2	6.4	2.9	2.1	1.0
1978 <sup>1</sup>	87.0	35.0	25.8	13.8	6.3	2.9	2.2	1.1
1977 <sup>1</sup>	87.7	35.6	25.7	13.5	6.2	3.0	2.4	1.3
1976 <sup>1</sup>	85.8	35.2	24.7	12.8	6.0	3.0	2.5	1.5
1975 <sup>1</sup>	87.7	36.7	24.6	12.6	6.1	3.1	2.8	1.8
1970 <sup>2</sup>	113.0	42.4	26.9	15.9	9.7	6.1	6.7	5.3
<b>Black</b>								
1984 <sup>1</sup>	81.4	32.2	24.1	13.7	6.3	2.7	1.8	0.6
1983 <sup>1</sup>	81.7	32.3	24.1	13.7	6.3	2.8	1.8	0.6
1982 <sup>1</sup>	84.1	33.0	24.9	14.2	6.5	2.8	1.9	0.7
1981 <sup>1</sup>	85.4	33.8	25.2	14.3	6.6	2.9	2.0	0.8
1980 <sup>1</sup>	88.1	35.2	25.7	14.5	6.7	3.0	2.1	0.9
1979 <sup>1</sup>	88.3	35.3	25.8	14.4	6.6	3.0	2.2	1.0
1978 <sup>1</sup>	86.7	34.6	25.4	13.9	6.5	3.0	2.3	1.1
1977 <sup>1</sup>	88.1	35.6	25.5	13.6	6.4	3.1	2.4	1.4
1976 <sup>1</sup>	85.8	35.2	24.4	12.9	6.2	3.1	2.6	1.5
1975 <sup>1</sup>	87.9	36.9	24.2	12.6	6.3	3.2	2.9	1.9
1970 <sup>2</sup>	115.4	43.3	27.1	16.1	10.0	6.4	7.0	5.6

<sup>1</sup>Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

<sup>2</sup>Based on a 50-percent sample of births.

Table 6. Live births by race of child, birth rates, and fertility rates: United States, each division and State, 1984

[By place of residence. Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes. Birth rates per 1,000 estimated population in each area; fertility rates per 1,000 women aged 15-44 years estimated in each area]

Division and State	Number			Birth rate	Fertility rate
	All races <sup>1</sup>	White	Black		
United States.....	3,669,141	2,923,502	592,745	15.5	65.4
New England.....	172,198	156,438	12,160	13.7	56.7
Maine.....	16,770	16,438	103	14.5	62.6
New Hampshire.....	14,250	13,979	106	14.6	59.1
Vermont.....	8,020	7,943	29	15.1	61.2
Massachusetts.....	78,279	70,565	5,702	13.5	55.2
Rhode Island.....	12,659	11,339	872	13.2	55.8
Connecticut.....	42,220	36,174	5,348	13.4	56.4
Middle Atlantic.....	509,497	402,207	94,401	13.7	58.5
New York.....	251,053	188,914	54,267	14.1	59.3
New Jersey.....	101,334	78,654	19,783	13.5	57.4
Pennsylvania.....	157,110	134,639	20,351	13.2	58.0
East North Central.....	627,140	518,943	97,756	15.1	63.9
Ohio.....	158,519	134,406	22,428	14.8	62.9
Indiana.....	80,084	70,725	8,640	14.6	61.8
Illinois.....	179,274	137,102	38,420	15.6	66.0
Michigan.....	136,076	110,751	23,022	15.0	62.5
Wisconsin.....	73,187	65,959	5,246	15.4	65.9
West North Central.....	274,226	246,053	19,178	15.7	68.5
Minnesota.....	66,716	62,020	1,768	16.0	67.6
Iowa.....	42,367	40,662	1,059	14.6	64.8
Missouri.....	74,736	62,422	11,452	14.9	65.4
North Dakota.....	11,825	10,787	131	17.2	76.8
South Dakota.....	12,445	10,520	101	17.7	81.3
Nebraska.....	26,127	24,114	1,361	16.3	72.0
Kansas.....	40,010	35,528	3,306	16.4	72.9
South Atlantic.....	575,767	402,221	163,484	14.6	61.5
Delaware.....	9,266	7,056	2,112	15.1	61.8
Maryland.....	65,409	43,816	19,721	15.0	59.8
District of Columbia.....	9,666	1,794	7,749	15.5	57.5
Virginia.....	82,719	60,774	19,757	14.7	59.1
West Virginia.....	24,585	23,531	933	12.6	55.5
North Carolina.....	86,042	59,439	24,256	14.0	57.9
South Carolina.....	50,670	30,687	19,564	15.3	62.9
Georgia.....	92,013	59,104	31,890	15.8	63.7
Florida.....	155,397	116,020	37,502	14.1	65.4
East South Central.....	221,354	159,101	60,548	14.7	62.6
Kentucky.....	53,290	48,031	4,885	14.3	61.3
Tennessee.....	65,006	50,017	14,465	13.8	57.6
Alabama.....	59,217	38,291	20,553	14.8	63.3
Mississippi.....	43,841	22,762	20,645	16.9	73.1
West South Central.....	469,814	370,858	84,890	17.9	75.2
Arkansas.....	34,840	26,091	8,364	14.9	66.4
Louisiana.....	81,472	49,198	30,848	18.3	75.4
Oklahoma.....	54,477	43,267	5,331	16.5	71.8
Texas.....	299,025	252,302	40,347	18.6	76.9
Mountain.....	231,763	206,304	7,878	18.4	77.0
Montana.....	14,141	12,451	69	17.2	74.4
Idaho.....	18,028	17,383	89	18.0	79.1
Wyoming.....	9,754	9,278	106	19.0	79.3
Colorado.....	54,364	49,897	2,711	17.0	66.6
New Mexico.....	27,373	22,742	645	19.2	80.7
Arizona.....	55,001	45,920	2,539	17.9	77.4
Utah.....	38,299	36,380	268	23.6	101.9
Nevada.....	14,803	12,253	1,451	16.1	64.9
Pacific.....	587,382	461,377	52,450	17.1	70.5
Washington.....	68,927	60,623	3,103	15.8	65.7
Oregon.....	39,563	36,711	910	14.8	62.0
California.....	447,730	350,464	47,079	17.4	71.3
Alaska.....	12,445	8,921	512	24.7	97.3
Hawaii.....	18,707	4,658	846	18.0	76.7

<sup>1</sup>Includes races other than white and black.

Table 7. Live births by sex and sex ratio, by race of child: United States, 1970-84

Year	All races			White			All other					
			Males per 1,000 females			Males per 1,000 females	Total			Black		
	Male	Female		Male	Female		Male	Female	Males per 1,000 females	Male	Female	Males per 1,000 females
1984 <sup>1</sup>	1,879,490	1,789,651	1,050	1,500,326	1,423,176	1,054	379,164	366,475	1,035	300,951	291,794	1,031
1983 <sup>1</sup>	1,865,553	1,773,380	1,052	1,492,385	1,411,865	1,057	373,168	361,515	1,032	297,011	289,016	1,028
1982 <sup>1</sup>	1,885,676	1,794,861	1,051	1,509,704	1,432,350	1,054	375,972	362,511	1,037	301,121	291,520	1,033
1981 <sup>1</sup>	1,860,272	1,768,966	1,052	1,494,437	1,414,232	1,057	365,835	354,734	1,031	297,864	289,933	1,027
1980 <sup>1</sup>	1,852,616	1,759,642	1,053	1,490,140	1,408,592	1,058	362,476	351,050	1,033	299,033	290,583	1,029
1979 <sup>1</sup>	1,791,267	1,703,131	1,052	1,442,981	1,365,439	1,057	348,286	337,692	1,031	293,013	284,842	1,029
1978 <sup>1</sup>	1,709,394	1,623,885	1,053	1,378,222	1,302,894	1,058	331,172	320,991	1,032	279,598	271,942	1,028
1977 <sup>1</sup>	1,705,916	1,620,716	1,053	1,383,440	1,307,630	1,058	322,476	313,086	1,030	275,556	268,665	1,026
1976 <sup>1</sup>	1,624,436	1,543,352	1,053	1,319,717	1,247,897	1,058	304,719	295,455	1,031	260,661	253,818	1,027
1975 <sup>1</sup>	1,613,135	1,531,063	1,054	1,312,308	1,239,688	1,059	300,827	291,375	1,032	259,610	251,971	1,030
1974 <sup>1</sup>	1,622,114	1,537,844	1,055	1,325,019	1,250,773	1,059	297,095	287,071	1,035	257,277	249,885	1,030
1973 <sup>1</sup>	1,608,326	1,528,639	1,052	1,311,032	1,239,998	1,057	297,294	288,641	1,030	259,877	252,720	1,028
1972 <sup>1</sup>	1,669,927	1,588,484	1,051	1,364,578	1,290,980	1,057	305,349	297,504	1,026	268,842	262,487	1,024
1971 <sup>2</sup>	1,822,910	1,733,060	1,052	1,499,958	1,419,788	1,056	322,952	313,272	1,031	286,430	278,530	1,028
1970 <sup>2</sup>	1,915,378	1,816,008	1,055	1,590,140	1,501,124	1,059	325,238	314,884	1,033	290,508	281,854	1,031

<sup>1</sup>Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

<sup>2</sup>Based on a 50-percent sample of births.

**Table 8. Live births by race of child and observed and seasonally adjusted birth and fertility rates, by month: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes. Rates on an annual basis per 1,000 population for specified month. Birth rates based on the total population. Fertility rates based on women aged 15-44 years]

Month	Number				Observed		Seasonally adjusted	
	All races	White	All other		Birth rate	Fertility rate	Birth rate	Fertility rate
			Total	Black				
Total .....	3,669,141	2,923,502	745,639	592,745	15.5	65.4	...	...
January .....	292,200	229,860	62,340	50,013	14.7	61.9	15.3	64.9
February .....	281,564	223,272	58,292	46,344	15.1	63.7	15.4	64.9
March .....	303,970	243,422	60,548	48,113	15.2	64.3	15.4	65.1
April .....	285,823	231,424	54,399	42,701	14.8	62.4	15.3	64.6
May .....	299,395	241,404	57,991	45,491	15.0	63.2	15.4	64.9
June .....	298,889	239,774	59,115	46,775	15.4	65.1	15.5	64.8
July .....	325,516	258,713	66,803	53,506	16.3	68.6	15.5	65.6
August .....	335,222	265,648	69,574	55,785	16.7	70.5	15.7	66.4
September .....	326,454	260,052	66,402	52,824	16.8	70.9	15.7	66.3
October .....	321,371	255,901	65,470	52,144	16.0	67.5	16.0	67.4
November .....	296,816	235,695	61,121	48,538	15.3	64.3	15.6	65.7
December .....	301,921	238,337	63,584	50,511	15.0	63.3	15.4	65.0

**Table 9. Average number of live births and index of occurrence, by day of week: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Day of week	Average number of births	Index of occurrence <sup>1</sup>
Total .....	10,025	100.0
Sunday .....	8,517	85.0
Monday .....	10,345	103.2
Tuesday .....	10,770	107.4
Wednesday .....	10,510	104.8
Thursday .....	10,519	104.9
Friday .....	10,681	106.5
Saturday .....	8,855	88.3

<sup>1</sup> Index is the ratio of the average number of births on a given day of the week to the average daily number of births for the year, multiplied by 100.

**Table 10. Live births by attendant, place of delivery, and race of child: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Place of delivery and race of child	All births	Attendant			
		Physician	Midwife	Other	Unspecified
<b>All races<sup>1</sup></b>					
Total .....	3,669,141	3,542,174	93,902	23,920	9,145
In hospital <sup>2</sup> .....	3,630,903	3,532,397	78,040	13,085	7,381
Not in hospital .....	37,513	9,216	15,822	10,748	1,727
Not specified .....	725	561	40	87	37
<b>White</b>					
Total .....	2,923,502	2,827,673	70,628	17,975	7,226
In hospital <sup>2</sup> .....	2,890,477	2,819,888	55,682	9,042	5,865
Not in hospital .....	32,376	7,249	14,910	8,887	1,330
Not specified .....	649	536	36	46	31
<b>Black</b>					
Total .....	592,745	569,730	17,920	3,938	1,157
In hospital <sup>2</sup> .....	588,870	568,092	17,304	2,547	927
Not in hospital .....	3,842	1,620	616	1,382	224
Not specified .....	33	18	-	9	6

<sup>1</sup>Includes races other than white and black.

<sup>2</sup>Includes births occurring en route to or on arrival at hospital.

Table 11. Live births by place of delivery, attendant, and race of child: United States, 1975-84

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes]

Year and race of child	Total	In hospital <sup>1</sup>				Not in hospital <sup>2</sup>			
		Physician	Midwife	Other	Unspecified	Physician	Midwife	Other	Unspecified
<b>All races</b>									
1984	3,669,141	3,532,397	78,040	13,085	7,381	9,777	15,862	10,835	1,764
1983	3,638,933	3,508,666	71,617	12,532	6,845	10,215	15,406	11,662	1,990
1982	3,680,537	3,560,644	63,062	11,936	6,554	10,296	14,375	11,855	1,815
1981	3,629,238	3,490,919	55,537	13,303	31,823	10,998	12,754	11,794	2,110
1980	3,612,258	3,499,959	51,576	17,456	7,379	11,992	11,093	11,630	1,173
1979	3,494,398	3,393,773	44,496	11,221	10,994	11,837	10,363	10,032	1,682
1978	3,333,279	3,221,677	36,282	12,721	29,979	11,806	9,778	9,167	1,869
1977	3,326,632	3,203,242	30,635	12,531	47,065	12,766	9,991	7,449	2,953
1976	3,167,788	3,055,287	24,656	12,871	45,282	11,940	9,574	5,914	2,264
1975	3,144,198	3,026,024	19,686	7,122	64,069	11,265	9,727	2,960	3,345
<b>White</b>									
1984	2,923,502	2,819,888	55,682	9,042	5,865	7,785	14,946	8,933	1,361
1983	2,904,250	2,806,960	49,651	8,477	5,400	8,132	14,391	9,748	1,491
1982	2,942,054	2,853,427	42,684	8,197	5,116	7,982	13,262	9,982	1,404
1981	2,908,669	2,804,868	37,019	9,405	25,505	8,560	11,577	10,047	1,688
1980	2,898,732	2,815,382	33,730	13,691	5,548	9,495	9,919	10,021	946
1979	2,808,420	2,733,403	29,086	8,380	9,157	9,356	8,879	8,734	1,425
1978	2,681,116	2,598,455	22,319	9,952	23,977	9,136	7,733	8,059	1,485
1977	2,691,070	2,600,011	17,935	9,643	38,056	9,389	7,028	6,605	2,403
1976	2,567,614	2,486,339	13,733	9,642	36,203	8,894	5,824	5,148	1,831
1975	2,551,996	2,465,957	10,076	5,342	52,392	7,818	5,082	2,585	2,744
<b>All other</b>									
1984	745,639	712,509	22,358	4,043	1,516	1,992	916	1,902	403
1983	734,683	701,706	21,966	4,055	1,445	2,083	1,015	1,914	499
1982	738,483	707,217	20,378	3,739	1,438	2,314	1,113	1,873	411
1981	720,569	686,051	18,518	3,898	6,318	2,438	1,177	1,747	422
1980	713,526	684,577	17,846	3,765	1,831	2,497	1,174	1,609	227
1979	685,978	660,370	15,410	2,841	1,837	2,481	1,484	1,298	257
1978	652,163	623,222	13,963	2,769	6,002	2,670	2,045	1,108	384
1977	635,562	603,231	12,700	2,888	9,009	3,377	2,963	844	550
1976	600,174	568,948	10,923	3,229	9,079	3,046	3,750	766	433
1975	592,202	560,067	9,610	1,780	11,677	3,447	4,645	375	601
<b>Black</b>									
1984	592,745	568,092	17,304	2,547	927	1,638	616	1,391	230
1983	586,027	561,304	17,400	2,377	922	1,602	742	1,384	296
1982	592,641	568,943	16,162	2,147	1,024	1,868	877	1,364	256
1981	587,797	561,821	15,104	2,113	4,267	1,976	991	1,262	263
1980	589,616	567,568	14,229	2,090	1,321	2,062	1,001	1,170	175
1979	577,855	557,183	13,001	1,856	1,205	2,099	1,356	954	201
1978	551,540	527,861	11,549	1,875	4,906	2,325	1,924	825	275
1977	544,221	518,069	10,295	2,105	6,802	3,044	2,883	578	445
1976	514,479	488,335	8,954	2,480	7,378	2,728	3,675	550	379
1975	511,581	484,416	7,707	1,311	9,595	3,161	4,602	281	508

<sup>1</sup>Includes births occurring en route to or on arrival at hospital.<sup>2</sup>Includes births with place of delivery not stated.



**Table 12. Percent distribution of live births by place of delivery and attendant, according to race of child: United States, 1975-84**

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes]

Year and race of child	Place of delivery			Place of delivery and attendant at birth						
	Total	In hospital <sup>1</sup>	Not in hospital <sup>2</sup>	Total <sup>3</sup>	In hospital <sup>1</sup>			Not in hospital <sup>2</sup>		
					Physician	Midwife	Other	Physician	Midwife	Other
All races										
1984	100.0	99.0	1.0	100.0	96.5	2.1	0.4	0.3	0.4	0.3
1983	100.0	98.9	1.1	100.0	96.7	2.0	0.3	0.3	0.4	0.3
1982	100.0	99.0	1.0	100.0	97.0	1.7	0.3	0.3	0.4	0.3
1981	100.0	99.0	1.0	100.0	97.1	1.5	0.4	0.3	0.4	0.3
1980	100.0	99.0	1.0	100.0	97.1	1.4	0.5	0.3	0.3	0.3
1979	100.0	99.0	1.0	100.0	97.5	1.3	0.3	0.3	0.3	0.3
1978	100.0	99.0	1.0	100.0	97.6	1.1	0.4	0.4	0.3	0.3
1977	100.0	99.0	1.0	100.0	97.8	0.9	0.4	0.4	0.3	0.2
1976	100.0	99.1	0.9	100.0	97.9	0.8	0.4	0.4	0.3	0.2
1975	100.0	99.1	0.9	100.0	98.4	0.6	0.2	0.4	0.3	0.1
White										
1984	100.0	98.9	1.1	100.0	96.7	1.9	0.3	0.3	0.5	0.3
1983	100.0	98.8	1.2	100.0	96.9	1.7	0.3	0.3	0.5	0.3
1982	100.0	98.9	1.1	100.0	97.2	1.5	0.3	0.3	0.5	0.3
1981	100.0	98.9	1.1	100.0	97.3	1.3	0.3	0.3	0.4	0.3
1980	100.0	99.0	1.0	100.0	97.3	1.2	0.5	0.3	0.3	0.3
1979	100.0	99.0	1.0	100.0	97.7	1.0	0.3	0.3	0.3	0.3
1978	100.0	99.0	1.0	100.0	97.8	0.8	0.4	0.3	0.3	0.3
1977	100.0	99.1	0.9	100.0	98.1	0.7	0.4	0.4	0.3	0.2
1976	100.0	99.2	0.8	100.0	98.3	0.5	0.4	0.4	0.2	0.2
1975	100.0	99.3	0.7	100.0	98.8	0.4	0.2	0.3	0.2	0.1
All other										
1984	100.0	99.3	0.7	100.0	95.8	3.0	0.5	0.3	0.1	0.3
1983	100.0	99.3	0.7	100.0	95.8	3.0	0.6	0.3	0.1	0.3
1982	100.0	99.2	0.8	100.0	96.0	2.8	0.5	0.3	0.2	0.3
1981	100.0	99.2	0.8	100.0	96.1	2.6	0.5	0.3	0.2	0.2
1980	100.0	99.2	0.8	100.0	96.2	2.5	0.5	0.4	0.2	0.2
1979	100.0	99.2	0.8	100.0	96.6	2.3	0.4	0.4	0.2	0.2
1978	100.0	99.0	1.0	100.0	96.5	2.2	0.4	0.4	0.3	0.2
1977	100.0	98.8	1.2	100.0	96.4	2.0	0.5	0.5	0.5	0.1
1976	100.0	98.7	1.3	100.0	96.3	1.8	0.5	0.5	0.6	0.1
1975	100.0	98.5	1.5	100.0	96.6	1.7	0.3	0.6	0.8	0.1
Black										
1984	100.0	99.3	0.7	100.0	96.0	2.9	0.4	0.3	0.1	0.2
1983	100.0	99.3	0.7	100.0	96.0	3.0	0.4	0.3	0.1	0.2
1982	100.0	99.3	0.7	100.0	96.2	2.7	0.4	0.3	0.1	0.2
1981	100.0	99.2	0.8	100.0	96.3	2.6	0.4	0.3	0.2	0.2
1980	100.0	99.3	0.7	100.0	96.5	2.4	0.4	0.4	0.2	0.2
1979	100.0	99.2	0.8	100.0	96.7	2.3	0.3	0.4	0.2	0.2
1978	100.0	99.0	1.0	100.0	96.6	2.1	0.3	0.4	0.4	0.2
1977	100.0	98.7	1.3	100.0	96.5	1.9	0.4	0.6	0.5	0.1
1976	100.0	98.6	1.4	100.0	96.4	1.8	0.5	0.5	0.7	0.1
1975	100.0	98.3	1.7	100.0	96.6	1.5	0.3	0.6	0.9	0.1

<sup>1</sup>Includes births occurring en route to or on arrival at hospital.

<sup>2</sup>Includes births with place of delivery not stated.

<sup>3</sup>Excludes births with attendant not specified.

Table 13. Live births by age of father, age of mother, and race of child: United States, 1984

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Age of mother and race of child	Total	Age of father										Not stated
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55 years and over	
All races <sup>1</sup>												
All ages . . . . .	3,669,141	232	109,032	696,207	1,067,147	805,875	355,843	109,468	32,044	11,298	7,092	474,903
Under 15 years. . .	9,965	84	2,088	698	113	28	7	5	2	-	6	6,934
15-19 years. . . .	469,682	113	87,179	167,940	34,011	6,976	2,107	770	257	117	83	170,129
20-24 years. . . .	1,141,578	10	18,123	445,701	381,915	89,465	23,859	7,198	2,210	895	671	171,531
25-29 years. . . .	1,165,711	13	1,330	70,235	562,980	341,880	80,390	20,411	5,863	2,128	1,377	79,104
30-34 years. . . .	658,496	9	260	9,836	78,103	332,500	156,177	34,113	9,123	3,243	1,956	33,176
35-39 years. . . .	195,755	3	47	1,610	9,233	33,032	88,689	36,863	9,479	3,130	1,979	11,690
40-44 years. . . .	26,846	-	5	177	770	1,956	4,543	9,934	4,739	1,575	922	2,225
45-49 years. . . .	1,108	-	-	10	22	38	71	174	371	210	98	114
White												
All ages . . . . .	2,923,502	104	83,206	580,835	918,970	689,253	298,184	87,662	24,147	8,114	4,768	228,259
Under 15 years. . .	3,959	27	1,014	513	77	19	5	4	2	-	-	2,298
15-19 years. . . .	320,953	59	66,154	136,601	27,477	5,500	1,683	581	201	74	52	82,571
20-24 years. . . .	898,919	5	14,701	375,941	324,933	72,976	19,184	5,502	1,598	629	442	83,008
25-29 years. . . .	969,061	8	1,084	58,350	492,679	291,309	65,709	16,096	4,236	1,445	889	37,256
30-34 years. . . .	549,595	5	211	7,952	65,751	290,289	132,049	27,079	6,847	2,300	1,266	15,846
35-39 years. . . .	159,246	-	37	1,315	7,418	27,566	75,803	30,119	7,236	2,325	1,390	6,037
40-44 years. . . .	20,974	-	5	156	618	1,564	3,701	8,143	3,744	1,196	664	1,183
45-49 years. . . .	795	-	-	7	17	30	50	138	283	145	65	60
Black												
All ages . . . . .	592,745	112	22,351	93,273	109,943	75,722	35,918	14,377	5,565	2,295	1,646	231,543
Under 15 years. . .	5,720	56	1,012	145	34	7	2	1	-	-	5	4,458
15-19 years. . . .	134,392	45	18,373	26,244	5,099	1,117	341	151	54	39	30	82,899
20-24 years. . . .	203,562	5	2,745	56,618	43,783	11,646	3,426	1,345	490	224	173	83,107
25-29 years. . . .	147,111	3	189	8,829	51,429	32,832	9,407	3,129	1,253	526	381	39,133
30-34 years. . . .	73,858	2	30	1,245	8,322	26,571	14,502	4,525	1,629	666	480	15,886
35-39 years. . . .	24,028	1	2	176	1,177	3,305	7,723	4,099	1,461	574	401	5,109
40-44 years. . . .	3,906	-	-	16	96	237	507	1,108	637	233	165	907
45-49 years. . . .	168	-	-	-	3	7	10	19	41	33	11	44

<sup>1</sup>Includes races other than white and black.

**Table 14. Birth rates by age of father and race of child: United States, 1970 and 1975-84**

[Rates are live births per 1,000 men in specified group, enumerated as of April 1 for 1970 and 1980 and estimated as of July 1 for all other years. Figures for age of father not stated are distributed]

Year and race of child	Age of father									
	15-54 years <sup>1</sup>	15-19 years <sup>2</sup>	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55 years and over
<b>All races</b>										
1984 <sup>3</sup>	55.0	18.0	81.9	111.0	88.8	45.7	17.8	6.3	2.4	0.4
1983 <sup>3</sup>	55.3	18.4	83.5	113.9	88.7	45.3	17.2	6.4	2.3	0.3
1982 <sup>3</sup>	56.4	18.7	86.1	117.4	90.4	44.2	17.6	6.4	2.4	0.4
1981 <sup>3</sup>	56.3	18.5	88.0	119.7	88.6	43.2	16.9	6.3	2.3	0.4
1980 <sup>3</sup>	57.0	18.8	92.0	123.0	91.0	42.8	17.1	6.1	2.2	0.4
1979 <sup>3</sup>	55.8	18.5	90.6	122.4	89.3	42.2	16.7	6.0	2.3	0.3
1978 <sup>3</sup>	54.1	18.1	89.7	120.0	86.7	40.8	16.3	5.8	2.2	0.3
1977 <sup>3</sup>	54.9	19.1	92.8	124.2	85.9	41.1	16.5	6.0	2.2	0.3
1976 <sup>3</sup>	53.2	19.4	92.1	120.3	82.6	39.8	16.2	6.0	2.1	0.3
1975 <sup>3</sup>	53.8	20.8	96.2	123.9	81.5	39.9	16.5	6.1	2.2	0.4
1970 <sup>4</sup>	71.5	25.6	146.6	175.0	112.3	57.6	24.9	9.1	3.1	0.6
<b>White</b>										
1984 <sup>3</sup>	51.2	13.9	74.4	107.2	85.8	42.6	15.7	5.2	1.8	0.3
1983 <sup>3</sup>	51.5	14.4	76.4	110.0	85.4	42.0	15.1	5.2	1.8	0.2
1982 <sup>3</sup>	52.5	14.8	79.2	113.3	86.7	40.9	15.4	5.2	1.8	0.3
1981 <sup>3</sup>	52.3	14.9	80.7	115.2	84.7	39.7	14.7	5.1	1.8	0.3
1980 <sup>3</sup>	52.9	15.2	84.0	118.4	86.9	39.2	14.7	5.0	1.8	0.3
1979 <sup>3</sup>	51.6	14.9	82.2	117.4	85.3	38.7	14.6	5.0	1.8	0.2
1978 <sup>3</sup>	50.0	14.7	81.0	115.0	82.9	37.4	14.2	4.9	1.7	0.2
1977 <sup>3</sup>	50.9	15.5	84.0	119.4	82.7	37.8	14.5	5.1	1.7	0.2
1976 <sup>3</sup>	49.3	15.8	83.2	115.6	79.7	36.7	14.4	5.1	1.7	0.2
1975 <sup>3</sup>	49.8	17.1	86.6	119.5	78.6	36.8	14.8	5.2	1.7	0.3
1970 <sup>4</sup>	67.1	21.0	135.3	170.9	109.3	54.5	22.9	7.9	2.6	0.4
<b>All other</b>										
1984 <sup>3</sup>	77.4	36.9	121.7	132.7	106.8	67.3	32.6	14.1	6.4	1.3
1983 <sup>3</sup>	78.2	36.9	122.2	136.6	109.4	68.6	31.6	14.7	6.2	1.2
1982 <sup>3</sup>	80.1	37.3	123.5	141.9	112.9	67.6	32.6	14.7	6.6	1.3
1981 <sup>3</sup>	81.2	36.3	129.7	147.4	113.9	68.0	32.3	14.3	6.2	1.3
1980 <sup>3</sup>	83.6	37.5	139.0	152.3	118.9	68.6	33.7	14.3	6.2	1.3
1979 <sup>3</sup>	83.5	37.5	141.1	155.1	118.2	68.2	32.3	14.0	6.3	1.2
1978 <sup>3</sup>	81.9	36.7	143.1	153.2	114.6	66.5	31.8	13.1	5.9	1.2
1977 <sup>3</sup>	82.3	38.9	147.3	156.7	110.4	65.3	31.1	13.2	6.2	1.2
1976 <sup>3</sup>	80.1	39.2	148.8	153.9	104.4	62.4	29.3	13.2	5.9	1.3
1975 <sup>3</sup>	81.8	42.4	158.5	156.4	102.5	63.5	29.4	13.1	6.0	1.4
1970 <sup>4</sup>	104.5	55.2	224.9	202.6	135.1	82.4	42.5	20.4	9.0	2.7
<b>Black</b>										
1984 <sup>3</sup>	77.6	41.0	130.6	133.0	98.2	59.8	30.4	13.6	6.1	1.2
1983 <sup>3</sup>	78.0	40.8	131.3	136.3	99.9	61.2	29.5	13.9	5.9	1.2
1982 <sup>3</sup>	79.8	40.7	129.4	141.8	104.0	61.2	30.5	14.1	6.3	1.2
1981 <sup>3</sup>	81.2	39.3	136.6	148.1	105.2	61.9	30.3	13.6	6.0	1.2
1980 <sup>3</sup>	83.8	40.4	146.6	154.2	110.8	62.8	31.5	13.8	6.0	1.2
1979 <sup>3</sup>	83.7	40.2	148.7	156.7	109.8	62.3	30.7	13.7	6.2	1.1
1978 <sup>3</sup>	81.9	39.0	150.7	154.1	106.3	61.0	30.1	12.7	5.7	1.1
1977 <sup>3</sup>	82.9	41.4	155.2	158.6	104.5	60.5	30.1	12.7	6.1	1.1
1976 <sup>3</sup>	80.4	41.7	156.6	154.3	97.7	57.2	28.0	12.7	5.7	1.1
1975 <sup>3</sup>	82.1	45.0	167.3	156.8	95.5	57.7	28.5	12.6	5.9	1.1
1970 <sup>4</sup>	107.4	58.7	243.7	209.6	132.6	80.9	41.9	20.6	8.8	2.1

<sup>1</sup>Rates computed by relating total births, regardless of age of father, to men aged 15-54 years.

<sup>2</sup>Rates computed by relating births of fathers under 20 years of age to men aged 15-19 years.

<sup>3</sup>Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

<sup>4</sup>Based on a 50-percent sample of births.

**Table 15. Number and percent low birth weight and live births by birth weight, by age of mother and race of child: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Age of mother and race of child	Low birth weight <sup>1</sup>		Total	Birth weight <sup>2</sup>											Not stated
	Number	Percent		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 grams or more	
				grams	grams	grams	grams	grams	grams	grams	grams	grams	grams	grams	
<b>All races</b>															
All ages.....	246,105	6.7	3,669,141	4,444	16,794	22,261	47,059	155,547	583,500	1,345,126	1,083,113	335,175	62,629	8,449	5,044
Under 15 years.....	1,350	13.6	9,965	28	138	159	264	761	2,439	3,947	1,839	326	42	6	16
15-19 years.....	43,817	9.3	469,682	734	3,055	4,315	8,541	27,172	96,434	183,430	114,238	26,937	3,740	421	665
15 years.....	2,744	11.4	24,142	61	248	311	561	1,563	5,524	9,592	5,175	945	110	14	38
16 years.....	5,789	10.9	53,178	104	410	617	1,122	3,536	11,524	21,026	11,893	2,556	292	29	69
17 years.....	8,719	9.8	89,424	146	610	913	1,711	5,339	19,123	34,894	21,216	4,610	671	63	128
18 years.....	12,087	9.3	130,159	190	828	1,154	2,367	7,548	26,599	50,832	31,737	7,537	1,049	122	196
19 years.....	14,478	8.4	172,779	233	959	1,320	2,780	9,186	33,664	67,086	44,217	11,289	1,618	193	234
20-24 years.....	78,444	6.9	1,141,578	1,358	5,087	6,789	14,658	50,552	194,386	432,160	325,291	92,137	15,786	1,872	1,502
25-29 years.....	68,224	5.9	1,165,711	1,248	4,717	5,984	12,937	43,338	170,009	423,321	362,277	115,799	21,663	2,881	1,537
30-34 years.....	38,762	5.9	658,496	776	2,786	3,541	7,517	24,142	89,302	228,307	210,136	73,661	15,178	2,183	967
35-39 years.....	13,180	6.7	195,755	260	875	1,223	2,665	8,157	26,791	64,925	61,103	23,134	5,380	930	312
40-44 years.....	2,220	8.3	26,846	36	134	236	460	1,354	3,952	8,685	7,928	3,071	805	143	42
45-49 years.....	108	9.8	1,108	4	2	14	17	71	187	351	301	110	35	13	3
<b>White</b>															
All ages.....	163,117	5.6	2,923,502	2,541	10,093	14,281	31,168	105,034	413,505	1,055,522	924,441	299,066	56,540	7,404	3,907
Under 15 years.....	428	10.8	3,959	7	32	61	99	229	760	1,610	936	195	20	5	5
15-19 years.....	24,503	7.6	320,953	347	1,572	2,394	4,771	15,419	57,530	124,271	88,137	22,437	3,237	365	473
15 years.....	1,187	9.2	12,869	26	99	149	253	660	2,477	5,019	3,391	686	83	7	19
16 years.....	2,981	9.2	32,529	36	220	320	586	1,819	5,990	12,809	8,424	2,018	238	26	43
17 years.....	4,794	8.1	59,618	76	300	521	947	2,950	11,085	23,079	16,132	3,807	582	55	84
18 years.....	6,968	7.7	90,470	95	430	663	1,374	4,406	16,241	35,133	24,692	6,280	904	107	145
19 years.....	8,573	6.8	125,467	114	523	741	1,611	5,584	21,737	48,231	35,498	9,646	1,430	170	182
20-24 years.....	51,122	5.7	898,919	720	2,991	4,331	9,481	33,599	136,978	336,491	275,489	81,808	14,251	1,641	1,139
25-29 years.....	48,138	5.0	969,061	771	2,999	4,070	9,166	31,132	127,771	346,989	317,582	105,000	19,814	2,549	1,218
30-34 years.....	28,013	5.1	549,595	501	1,849	2,448	5,447	17,768	67,561	187,401	183,733	66,456	13,732	1,909	790
35-39 years.....	9,302	5.9	159,246	163	554	812	1,872	5,901	19,948	51,875	51,887	20,432	4,761	769	245
40-44 years.....	1,540	7.4	20,974	30	94	156	322	938	2,850	6,646	6,434	2,645	697	127	35
45-49 years.....	71	9.0	795	2	2	9	10	48	107	239	243	93	28	12	2
<b>All other</b>															
All ages.....	82,988	11.1	745,639	1,903	6,701	7,980	15,891	50,513	169,995	289,604	158,672	36,109	6,089	1,045	1,137
Under 15 years.....	922	15.4	6,006	21	106	98	165	532	1,679	2,337	903	131	22	1	11
15-19 years.....	19,314	13.0	148,729	387	1,483	1,921	3,770	11,753	38,904	59,159	26,101	4,500	503	56	192
15 years.....	1,557	13.8	11,273	35	149	162	308	903	3,047	4,573	1,784	259	27	7	19
16 years.....	2,808	13.6	20,649	68	190	297	536	1,717	5,534	8,217	3,469	538	54	3	26
17 years.....	3,925	13.2	29,806	70	310	392	764	2,389	8,038	11,815	5,084	803	89	8	44
18 years.....	5,119	12.9	39,689	95	398	491	993	3,142	10,358	15,699	7,045	1,257	145	15	51
19 years.....	5,905	12.5	47,312	119	436	579	1,169	3,602	11,927	18,855	8,719	1,643	199	23	52
20-24 years.....	27,322	11.3	242,659	638	2,096	2,458	5,177	16,953	57,408	95,669	49,802	10,329	1,535	231	363
25-29 years.....	20,086	10.2	196,650	477	1,718	1,914	3,771	12,206	42,238	76,332	44,695	10,799	1,849	332	319
30-34 years.....	10,749	9.9	108,901	275	937	1,093	2,070	6,374	21,741	40,906	26,403	7,205	1,446	274	177
35-39 years.....	3,878	10.6	36,509	97	321	411	793	2,256	6,843	13,050	9,216	2,702	619	134	67

40-44 years.....	680	11.6	5,872	6	40	80	138	416	1,102	2,039	1,494	426	108	16	7
45-49 years.....	37	11.9	313	2	-	5	7	23	80	112	58	17	7	1	1
Black															
All ages.....	73,178	12.4	592,745	1,782	6,155	7,200	14,176	43,865	140,266	227,546	119,596	26,277	4,229	753	900
Under 15 years.....	891	15.6	5,720	20	104	94	159	514	1,610	2,247	827	121	13	1	10
15-19 years.....	18,147	13.5	134,392	371	1,408	1,813	3,551	11,004	36,001	53,495	22,481	3,675	383	48	162
15 years.....	1,501	14.1	10,637	35	143	158	292	873	2,902	4,333	1,635	222	18	7	19
16 years.....	2,678	14.0	19,158	66	177	279	514	1,642	5,258	7,614	3,087	450	45	3	23
17 years.....	3,703	13.7	27,112	65	291	376	720	2,251	7,493	10,761	4,408	642	63	7	35
18 years.....	4,782	13.4	35,656	92	386	459	932	2,913	9,513	14,126	6,053	1,012	110	15	45
19 years.....	5,483	13.1	41,829	113	411	541	1,093	3,325	10,835	16,661	7,298	1,349	147	16	40
20-24 years.....	24,699	12.2	203,562	605	1,964	2,268	4,723	15,139	49,620	79,804	39,996	7,880	1,092	176	295
25-29 years.....	17,231	11.7	147,111	450	1,571	1,698	3,264	10,248	32,616	55,695	32,105	7,710	1,270	233	251
30-34 years.....	8,640	11.7	73,858	248	810	923	1,722	4,937	15,071	26,717	17,321	4,786	998	194	131
35-39 years.....	3,018	12.6	24,028	82	263	336	646	1,691	4,574	8,222	5,869	1,811	397	91	46
40-44 years.....	530	13.6	3,906	4	35	64	105	322	729	1,312	963	286	72	9	5
45-49 years.....	22	13.1	168	2	-	4	7	10	45	54	34	8	4	1	-

<sup>1</sup>Less than 2,500 grams.

<sup>2</sup>Equivalents of the gram weight in terms of pounds and ounces are as follows:

Under 500 grams = 1 pound 1 ounce or less  
500-999 grams = 1 pound 2 ounces-2 pounds 3 ounces  
1,000-1,499 grams = 2 pounds 4 ounces-3 pounds 4 ounces  
1,500-1,999 grams = 3 pounds 5 ounces-4 pounds 6 ounces  
2,000-2,499 grams = 4 pounds 7 ounces-5 pounds 8 ounces  
2,500-2,999 grams = 5 pounds 9 ounces-6 pounds 9 ounces  
3,000-3,499 grams = 6 pounds 10 ounces-7 pounds 11 ounces  
3,500-3,999 grams = 7 pounds 12 ounces-8 pounds 13 ounces  
4,000-4,499 grams = 8 pounds 14 ounces-9 pounds 14 ounces  
4,500-4,999 grams = 9 pounds 15 ounces-11 pounds 0 ounces  
5,000 grams or more = 11 pounds 1 ounce or more

**Table 16. Number and percent of births of low birth weight and number and ratio of births to unmarried women, by race of child: United States and each State, 1984**

[By place of residence. Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

State	Low birth weight <sup>1</sup>						Births to unmarried women					
	Number			Percent			Number			Ratio per 1,000 live births		
	All races <sup>2</sup>	White	Black	All races <sup>2</sup>	White	Black	All races <sup>2</sup>	White	Black	All races <sup>2</sup>	White	Black
United States	246,105	163,117	73,178	6.7	5.6	12.4	770,355	391,929	350,896	210.0	134.1	592.0
Alabama	4,701	2,188	2,487	7.9	5.7	12.1	14,532	2,802	11,706	245.4	73.2	569.6
Alaska	600	386	36	4.8	4.3	7.1	2,187	951	146	175.6	106.6	285.2
Arizona	3,369	2,696	303	6.1	5.9	11.9	12,774	8,474	1,332	232.3	184.5	524.6
Arkansas	2,610	1,562	1,021	7.5	6.0	12.3	7,603	2,525	5,042	218.2	96.8	602.8
California <sup>3</sup>	26,185	17,728	5,347	5.9	5.1	11.4	106,739	74,031	26,176	238.4	211.2	556.0
Colorado	4,142	3,654	353	7.6	7.3	13.0	8,300	7,003	1,078	152.7	140.3	397.6
Connecticut <sup>3</sup>	2,777	2,042	688	6.6	5.6	12.9	8,934	5,401	3,435	211.6	149.3	642.3
Delaware	682	430	248	7.4	6.1	11.8	2,297	908	1,378	247.9	128.7	652.5
District of Columbia	1,199	90	1,092	12.5	5.1	14.2	5,499	306	5,176	568.9	170.6	668.0
Florida	11,528	6,946	4,451	7.4	6.0	11.9	38,966	15,133	23,665	250.8	130.4	631.0
Georgia	7,613	3,491	4,026	8.3	5.9	12.6	23,076	4,920	18,104	250.8	83.2	567.7
Hawaii	1,353	284	76	7.2	6.1	9.0	3,576	591	98	191.2	126.9	115.8
Idaho	919	868	3	5.1	5.0	3.4	1,679	1,553	22	93.1	89.3	247.2
Illinois	12,759	7,253	5,279	7.1	5.3	13.8	44,834	17,317	27,224	250.1	126.3	708.6
Indiana	5,032	3,984	1,007	6.3	5.7	11.7	14,961	9,172	574.6	186.8	129.7	665.0
Iowa	2,062	1,912	112	4.9	4.7	10.6	5,318	4,550	643	125.5	111.9	607.2
Kansas	2,429	1,943	401	6.1	5.5	12.1	5,514	3,633	1,705	137.8	102.3	515.7
Kentucky	3,677	3,061	585	6.9	6.4	12.0	9,410	6,388	3,005	176.6	133.0	615.1
Louisiana	6,951	2,811	4,046	8.5	5.7	13.1	21,654	4,317	17,207	265.8	87.7	557.8
Maine	913	889	10	5.5	5.4	9.7	2,729	2,654	17	162.7	161.5	165.0
Maryland <sup>3</sup>	4,860	2,366	2,367	7.4	5.4	12.0	18,613	6,101	12,212	284.6	139.2	619.2
Massachusetts	4,607	3,851	627	5.9	5.5	11.0	13,833	10,431	3,160	176.7	147.8	554.2
Michigan <sup>3</sup>	9,477	6,065	3,272	7.0	5.5	14.2	24,055	11,221	12,663	176.8	101.3	550.0
Minnesota	3,235	2,870	187	4.9	4.7	10.6	9,019	6,949	1,027	135.2	112.0	580.9
Mississippi	3,806	1,372	2,413	8.7	6.0	11.7	14,170	1,712	12,371	323.2	75.2	599.2
Missouri	4,972	3,463	1,446	6.7	5.6	12.6	15,285	7,393	7,821	204.5	118.4	682.9
Montana <sup>3</sup>	825	708	5	5.8	5.7	7.2	2,139	1,360	10	151.3	109.2	144.9
Nebraska	1,404	1,208	158	5.4	5.0	11.6	3,655	2,541	901	139.9	105.4	662.0
Nevada <sup>3</sup>	988	744	148	6.7	6.1	10.2	2,089	1,245	710	141.1	101.6	489.3
New Hampshire	708	693	6	5.8	5.0	5.7	1,796	1,761	22	126.0	126.0	207.5
New Jersey	7,081	4,444	2,453	7.0	5.7	12.4	22,403	9,821	12,411	221.1	124.9	627.4
New Mexico	2,047	1,744	62	7.6	7.8	9.8	6,759	4,629	225	246.9	203.5	348.8
New York <sup>3</sup>	17,596	10,828	6,334	7.0	5.7	11.7	67,567	33,505	33,344	269.1	177.4	614.4
North Carolina	6,742	3,631	2,947	7.8	6.1	12.2	18,205	4,695	12,955	211.6	79.0	534.1
North Dakota	563	487	10	4.8	4.5	7.7	1,274	847	9	107.7	78.5	68.7
Ohio <sup>3</sup>	10,165	7,324	2,730	6.4	5.5	12.2	32,286	17,630	14,516	203.7	131.2	647.2
Oklahoma	3,442	2,514	610	6.3	5.8	11.5	8,793	4,670	2,837	161.4	107.9	532.2
Oregon	2,041	1,829	99	5.2	5.0	10.9	6,882	5,960	513	174.0	162.3	563.7
Pennsylvania	10,439	7,461	2,823	6.6	5.5	13.9	32,877	18,362	14,296	209.3	136.4	702.5
Rhode Island	764	631	101	6.0	5.6	11.6	2,244	1,697	478	177.3	149.7	548.2
South Carolina	4,442	1,917	2,491	8.8	6.2	12.7	12,967	2,560	10,375	255.9	83.4	530.3
South Dakota	632	510	8	5.1	4.8	7.9	2,036	979	26	163.6	93.1	257.4
Tennessee	5,163	3,221	1,903	7.9	6.4	13.2	14,885	5,603	9,260	229.0	112.0	640.2
Texas <sup>3</sup>	20,421	15,073	4,922	6.8	6.0	12.2	45,698	26,169	19,237	152.8	103.7	476.8
Utah	2,131	1,965	27	5.6	5.4	10.1	2,954	2,566	107	77.1	70.5	399.3
Vermont	490	488	1	6.1	6.2	3.4	1,276	1,258	10	159.1	158.4	344.8
Virginia	5,939	3,439	2,360	7.2	5.7	12.0	17,195	6,034	11,031	207.9	99.3	558.3
Washington	3,491	2,830	324	5.1	4.7	10.5	11,619	9,165	1,279	168.6	151.2	412.2
West Virginia	1,694	1,559	125	6.9	6.6	13.4	3,989	3,501	485	162.3	148.8	519.8
Wisconsin	3,751	3,005	636	5.1	4.6	12.1	12,121	7,975	3,664	165.6	120.9	698.4
Wyoming	688	659	12	7.1	7.1	11.3	1,089	960	36	111.6	103.5	339.6

<sup>1</sup>Less than 2,500 grams (5 pounds 8 ounces).  
<sup>2</sup>Includes races other than white and black.  
<sup>3</sup>Marital status of mother is inferred; see Technical notes.

**Table 17. Live births by plurality of birth, age of mother, and race of child: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Age of mother	All live births			Single live births			Live births in twin deliveries			Live births in triplet and other plural deliveries		
	All races <sup>1</sup>	White	Black	All races <sup>1</sup>	White	Black	All races <sup>1</sup>	White	Black	All races <sup>1</sup>	White	Black
All ages . . . . .	3,669,141	2,923,502	592,745	3,594,539	2,865,664	578,428	72,949	56,439	14,111	1,653	1,399	206
Under 15 years . . .	9,965	3,959	5,720	9,861	3,928	5,649	104	31	71	-	-	-
15-19 years . . . .	469,682	320,953	134,392	463,503	316,994	132,345	6,124	3,928	2,027	55	31	20
15 years . . . . .	24,142	12,869	10,637	23,858	12,729	10,507	282	140	128	2	-	2
16 years . . . . .	53,178	32,529	19,158	52,563	32,155	18,935	612	371	223	3	3	-
17 years . . . . .	89,424	59,618	27,112	88,381	58,978	26,747	1,035	635	362	8	5	3
18 years . . . . .	130,159	90,470	35,656	128,305	89,266	35,054	1,835	1,193	594	19	11	8
19 years . . . . .	172,779	125,467	41,829	170,396	123,866	41,102	2,360	1,589	720	23	12	7
20-24 years . . . .	1,141,578	898,919	203,562	1,121,002	883,839	198,670	20,211	14,787	4,829	365	293	63
25-29 years . . . .	1,165,711	969,061	147,111	1,140,232	948,581	142,898	24,890	19,975	4,143	589	505	70
30-34 years . . . .	658,496	549,595	73,858	642,096	536,042	71,630	15,920	13,122	2,192	480	431	36
35-39 years . . . .	195,755	159,246	24,028	190,497	154,980	23,263	5,106	4,139	748	152	127	17
40-44 years . . . .	26,846	20,974	3,906	26,254	20,515	3,809	581	448	97	11	11	-
45-49 years . . . .	1,108	795	168	1,094	785	164	13	9	4	1	1	-

<sup>1</sup>Includes races other than white and black.

**Table 18. Numbers, rates, and ratios of births to unmarried women, by age of mother and race of child: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes. For 41 States and the District of Columbia, marital status of mother is reported on the birth certificate, and for 9 States, mother's marital status is inferred; see Technical notes. Populations estimated as of July 1]

Age of mother	Number				Rate per 1,000 unmarried women in specified group				Ratio per 1,000 live births			
	All races	White	All other		All races	White	All other		All races	White	All other	
			Total	Black			Total	Black			Total	Black
All ages . . . . .	770,355	391,929	378,426	350,896	131.0	120.1	171.4	176.8	210.0	134.1	507.5	592.0
Under 15 years . . . . .	9,075	3,193	5,882	5,634	---	---	---	---	910.7	806.5	979.4	985.0
15-19 years . . . . .	261,104	133,275	127,829	119,742	30.2	19.0	78.3	87.1	555.9	415.2	859.5	891.0
15 years . . . . .	19,945	9,032	10,913	10,386	21.9	13.5	59.3	66.8	826.2	701.8	968.1	976.4
16 years . . . . .	38,763	19,267	19,496	18,415					728.9	592.3	944.2	961.2
17 years . . . . .	56,647	29,681	26,966	25,261					633.5	497.9	904.7	931.7
18 years . . . . .	70,175	36,388	33,787	31,558	43.0	27.6	106.1	116.2	539.1	402.2	851.3	885.1
19 years . . . . .	75,574	38,907	36,667	34,122					437.4	310.1	775.0	815.7
20-24 years . . . . .	279,192	141,799	137,393	127,672	43.2	27.8	101.3	110.7	244.6	157.7	566.2	627.2
25-29 years . . . . .	136,956	68,527	68,429	63,129	37.0	24.5	75.8	80.0	117.5	70.7	348.0	429.1
30-34 years . . . . .	59,261	30,969	28,292	25,467	23.2	16.1	45.0	45.0	90.0	56.3	259.8	344.8
35-39 years . . . . .	20,916	11,901	9,015	7,911	10.9	8.0	20.5	20.3	106.8	74.7	246.9	329.2
40 years and over . . . . .	3,851	2,265	1,586	1,341	22.5	21.9	24.7	24.5	137.8	104.0	256.4	329.2

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

<sup>2</sup>Rates computed by relating births to unmarried mothers aged 40 years and over to unmarried women aged 40-44 years.

Table 19. Birth rates for unmarried women by age of mother and race of child: United States, 1970-84

[Rates are live births to unmarried women per 1,000 unmarried women in specified group, estimated as of July 1]

Year and race of child	Age of mother								
	15-44 years <sup>1</sup>	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years <sup>2</sup>
		Total	15-17 years	18-19 years					
<b>ALL RACES</b>									
Reported and/or inferred <sup>3</sup>									
1984 <sup>4</sup> .....	31.0	30.2	21.9	43.0	43.2	37.0	23.2	10.9	2.5
1983 <sup>4</sup> .....	30.4	29.7	22.1	41.0	42.0	35.6	22.3	10.3	2.5
1982 <sup>4</sup> .....	30.0	28.9	21.5	40.2	41.4	35.1	21.9	10.0	2.7
1981 <sup>4</sup> .....	29.6	28.2	20.9	39.9	40.9	34.7	20.8	9.8	2.6
1980 <sup>4</sup> .....	29.4	27.6	20.6	39.0	40.9	34.0	21.1	9.7	2.6
Estimated <sup>5</sup>									
1980 <sup>4</sup> .....	28.4	27.5	20.7	38.7	39.7	31.4	18.5	8.4	2.3
1979 <sup>4</sup> .....	27.2	26.4	19.9	37.2	37.7	29.9	17.7	8.4	2.3
1978 <sup>4</sup> .....	25.7	24.9	19.1	35.1	35.3	28.5	16.9	8.2	2.2
1977 <sup>4</sup> .....	25.6	25.1	19.8	34.6	34.0	27.7	16.9	8.4	2.4
1976 <sup>4</sup> .....	24.3	23.7	19.0	32.1	31.7	26.8	17.5	9.0	2.5
1975 <sup>4</sup> .....	24.5	23.9	19.3	32.5	31.2	27.5	17.9	9.1	2.6
1974 <sup>4</sup> .....	23.9	23.0	18.8	31.2	30.5	27.9	18.4	10.0	2.6
1973 <sup>4</sup> .....	24.3	22.7	18.7	30.4	31.5	29.6	20.3	10.8	3.0
1972 <sup>4</sup> .....	24.8	22.8	18.5	30.9	33.2	30.8	22.6	12.0	3.1
1971 <sup>6</sup> .....	25.5	22.3	17.5	31.7	35.5	34.5	25.2	13.3	3.5
1970 <sup>6</sup> .....	26.4	22.4	17.1	32.9	38.4	37.0	27.1	13.6	3.5
<b>WHITE</b>									
Reported and/or inferred <sup>3</sup>									
1984 <sup>4</sup> .....	20.1	19.0	13.5	27.6	27.8	24.5	16.1	8.0	1.9
1983 <sup>4</sup> .....	19.3	18.5	13.5	26.1	26.4	22.9	15.3	7.5	1.9
1982 <sup>4</sup> .....	18.8	17.7	12.9	25.1	25.7	22.2	14.7	7.1	2.0
1981 <sup>4</sup> .....	18.2	17.1	12.4	24.6	24.9	21.6	13.6	6.9	1.8
1980 <sup>4</sup> .....	17.6	16.2	11.8	23.6	24.4	20.7	13.6	6.8	1.8
Estimated <sup>5</sup>									
1980 <sup>4</sup> .....	16.2	15.9	11.7	22.8	22.4	17.3	10.5	5.3	1.4
1979 <sup>4</sup> .....	14.9	14.6	10.8	21.0	20.3	15.9	10.0	5.1	1.4
1978 <sup>4</sup> .....	13.7	13.6	10.3	19.3	18.1	14.8	9.4	4.8	1.3
1977 <sup>4</sup> .....	13.5	13.4	10.5	18.7	17.4	14.4	9.3	4.9	1.4
1976 <sup>4</sup> .....	12.6	12.3	9.7	16.9	15.8	14.0	10.1	5.5	1.4
1975 <sup>4</sup> .....	12.4	12.0	9.6	16.5	15.5	14.8	9.8	5.4	1.5
1974 <sup>4</sup> .....	11.7	11.0	8.8	15.3	15.0	14.7	9.5	5.5	1.5
1973 <sup>4</sup> .....	11.8	10.6	8.4	14.9	15.5	15.9	10.6	5.9	1.7
1972 <sup>4</sup> .....	11.9	10.4	8.0	15.1	16.6	16.5	12.1	6.5	1.6
1971 <sup>6</sup> .....	12.5	10.3	7.4	15.8	18.7	18.5	13.2	7.2	1.9
1970 <sup>6</sup> .....	13.9	10.9	7.5	17.6	22.5	21.1	14.2	7.6	2.0
<b>ALL OTHER</b>									
Reported and/or inferred <sup>3</sup>									
1984 <sup>4</sup> .....	71.4	78.3	59.3	106.1	101.3	75.8	45.0	20.5	4.7
1983 <sup>4</sup> .....	72.3	78.3	60.2	104.6	101.1	77.3	44.7	20.1	4.9
1982 <sup>4</sup> .....	73.9	79.2	60.7	107.0	102.1	78.9	44.4	20.0	5.4
1981 <sup>4</sup> .....	75.4	79.2	60.3	109.0	104.5	80.1	45.6	19.7	5.7
1980 <sup>4</sup> .....	77.2	81.7	63.1	111.6	106.6	79.1	46.9	19.2	5.6

See footnotes at end of table.



**Table 19. Birth rates for unmarried women by age of mother and race of child: United States, 1970-84—Con.**

[Rates are live births to unmarried women per 1,000 unmarried women in specified group, estimated as of July 1]

Year and race of child	Age of mother								
	15-44 years <sup>1</sup>	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years <sup>2</sup>
		Total	15-17 years	18-19 years					
<b>ALL OTHER—Con.</b>									
Estimated <sup>5</sup>									
1980 <sup>4</sup>	78.0	83.0	64.0	113.4	108.2	79.1	46.2	18.5	5.3
1979 <sup>4</sup>	78.2	83.9	64.8	115.3	107.1	77.7	44.8	19.1	5.7
1978 <sup>4</sup>	76.5	81.2	63.2	111.6	104.9	76.4	43.6	18.2	5.6
1977 <sup>4</sup>	77.4	84.0	67.2	112.7	103.1	74.4	43.7	18.5	6.6
1976 <sup>4</sup>	76.4	82.5	67.5	108.9	101.1	74.0	43.4	18.7	6.9
1975 <sup>4</sup>	79.0	86.3	70.7	114.3	102.1	73.2	47.9	20.0	6.9
1974 <sup>4</sup>	80.3	87.3	73.2	113.4	103.0	77.0	50.9	23.2	6.6
1973 <sup>4</sup>	83.2	88.5	75.6	112.8	107.8	81.0	55.8	26.2	7.2
1972 <sup>4</sup>	86.2	91.8	77.6	119.3	112.4	83.3	55.7	29.0	8.2
1971 <sup>6</sup>	90.2	92.0	75.4	125.4	120.6	92.6	65.3	32.2	10.4
1970 <sup>6</sup>	89.9	90.8	73.3	126.5	121.0	93.8	69.8	32.0	10.7
<b>BLACK</b>									
Reported and/or inferred <sup>3</sup>									
1984 <sup>4</sup>	76.8	87.1	66.8	116.2	110.7	80.0	45.0	20.3	4.5
1983 <sup>4</sup>	77.7	86.4	67.1	114.0	110.0	82.0	45.3	20.3	4.9
1982 <sup>4</sup>	79.6	87.0	67.6	115.8	110.2	85.5	45.8	20.1	5.4
1981 <sup>4</sup>	81.4	86.8	66.9	117.6	112.5	86.4	47.2	20.4	5.8
1980 <sup>4</sup>	82.9	89.2	69.6	120.2	115.1	83.9	48.2	19.6	5.6
Estimated <sup>5</sup>									
1980 <sup>4</sup>	83.2	90.3	70.6	121.8	116.0	82.9	47.0	18.5	5.5
1979 <sup>4</sup>	83.0	91.0	71.0	123.3	114.1	80.0	44.8	19.3	5.9
1978 <sup>4</sup>	81.1	87.9	68.8	119.6	111.4	79.6	43.9	18.5	6.2
1977 <sup>4</sup>	82.6	90.9	73.0	121.7	110.1	78.6	45.7	19.0	6.6
1976 <sup>4</sup>	81.6	89.7	73.5	117.9	107.2	78.0	45.0	19.2	7.0
1975 <sup>4</sup>	84.2	93.5	76.8	123.8	108.0	75.7	50.0	20.5	7.2
1974 <sup>4</sup>	85.5	93.8	78.6	122.2	109.8	80.3	51.8	24.3	6.7
1973 <sup>4</sup>	88.6	94.9	81.2	120.5	116.0	84.5	57.8	27.6	7.7
1972 <sup>4</sup>	91.6	98.2	82.8	128.2	121.2	88.3	57.4	30.4	8.5
1971 <sup>6</sup>	96.1	98.6	80.7	135.2	130.6	99.6	68.6	32.7	10.1
1970 <sup>6</sup>	95.5	96.9	77.9	136.4	131.5	100.9	71.8	32.9	10.4

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

<sup>2</sup>Rates computed by relating births to unmarried mothers aged 40 years and over to unmarried women aged 40-44 years.

<sup>3</sup>Data for States in which marital status was not reported have been inferred and included with data from the remaining States; see Technical notes.

<sup>4</sup>Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

<sup>5</sup>Births to unmarried women are estimated for the United States from data for registration areas in which marital status of mother was reported; see Technical notes.

<sup>6</sup>Based on a 50-percent sample of births.

**Table 20. Live births by interval since last live birth, live-birth order, and race of child: Total of 49 reporting States and the District of Columbia, 1984**

[Based on 100 percent of births in 45 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes. Refers only to second and higher order births. Live-birth order refers to number of children born alive to mother]

Interval since last live birth and race of child	Total, second and higher order births <sup>1</sup>	Live-birth order						
		2	3	4	5	6	7	8 and over
<b>All races<sup>2</sup></b>								
Total .....	1,944,487	1,111,990	515,424	189,214	69,715	29,516	13,633	14,995
0 months (plural deliveries) .....	30,403	11,200	10,207	5,153	2,151	872	393	427
1-11 months .....	29,766	14,591	8,011	3,927	1,728	768	371	370
12-17 months .....	201,165	104,527	53,441	23,943	9,952	4,495	2,164	2,643
18-23 months .....	258,784	145,773	66,509	26,962	10,074	4,619	2,164	2,683
24-35 months .....	449,526	271,864	109,907	40,324	14,653	6,357	3,006	3,415
36-47 months .....	300,172	185,592	74,678	24,698	8,569	3,515	1,535	1,585
48-59 months .....	187,155	109,906	50,920	16,631	5,606	2,186	941	965
60-71 months .....	115,906	65,224	33,818	10,797	3,593	1,320	614	540
72 months or more.....	279,620	150,253	85,331	27,740	9,660	3,723	1,591	1,322
Not stated .....	91,990	53,060	22,602	9,039	3,729	1,661	854	1,045
<b>White</b>								
Total .....	1,524,994	904,135	399,984	136,785	46,935	18,985	8,581	9,589
0 months (plural deliveries) .....	23,306	9,043	8,021	3,772	1,472	535	229	234
1-11 months .....	18,766	10,194	5,011	2,114	794	330	163	160
12-17 months .....	145,934	81,057	38,464	15,713	5,749	2,446	1,089	1,416
18-23 months .....	206,995	121,518	52,455	19,838	6,874	3,058	1,446	1,806
24-35 months .....	373,240	233,840	89,162	30,810	10,478	4,435	2,090	2,425
36-47 months .....	247,649	157,800	60,456	18,695	6,138	2,420	1,057	1,083
48-59 months .....	147,764	88,993	39,946	12,213	3,918	1,440	612	642
60-71 months .....	88,591	50,532	26,130	7,825	2,475	908	388	333
72 months or more.....	203,489	109,060	63,805	19,645	6,671	2,449	1,000	859
Not stated .....	69,260	42,098	16,534	6,160	2,366	964	507	631
<b>Black</b>								
Total .....	332,451	162,286	92,754	42,540	18,377	8,361	3,940	4,193
0 months (plural deliveries) .....	6,007	1,756	1,840	1,213	594	291	145	168
1-11 months .....	8,955	3,544	2,522	1,482	745	342	160	160
12-17 months .....	43,218	17,741	12,082	6,667	3,325	1,646	815	942
18-23 months .....	39,439	17,951	10,939	5,631	2,499	1,196	569	654
24-35 months .....	57,793	27,829	16,195	7,514	3,277	1,491	704	783
36-47 months .....	40,838	21,057	11,306	4,848	2,000	868	375	384
48-59 months .....	31,363	16,441	8,809	3,587	1,373	643	254	256
60-71 months .....	22,331	11,914	6,291	2,502	931	336	182	175
72 months or more.....	64,278	35,167	17,842	6,774	2,556	1,050	501	388
Not stated .....	18,229	8,886	4,928	2,322	1,077	498	235	283

<sup>1</sup>Excludes not stated birth order.

<sup>2</sup>Includes races other than white and black.

NOTE: Excludes data for Texas, which did not require reporting of date of last live birth.

**Table 21. Live births by educational attainment of mother and father and race of child: Total of 47 reporting States and the District of Columbia, 1984**

[Based on 100 percent of births in 44 States and on a 50-percent sample of births in 3 States and the District of Columbia; see Technical notes]

<i>Years of school completed</i>	<i>Mother</i>			<i>Father</i>		
	<i>All races<sup>1</sup></i>	<i>White</i>	<i>Black</i>	<i>All races<sup>1</sup></i>	<i>White</i>	<i>Black</i>
Total .....	2,853,459	2,260,113	502,216	2,853,459	2,260,113	502,216
0-5 years .....	15,016	9,172	2,860	14,484	10,565	2,044
6 years.....	13,200	9,717	2,252	12,960	10,507	1,505
7 years.....	15,596	10,568	4,224	9,859	7,963	1,364
8 years.....	58,196	43,004	12,601	40,737	35,146	3,955
9 years.....	107,662	77,591	26,487	57,408	49,364	6,330
10 years .....	175,644	123,430	46,519	104,809	86,682	15,049
11 years .....	203,093	127,530	69,096	127,824	97,633	26,430
12 years .....	1,204,718	960,749	212,199	1,000,473	831,631	142,401
13 years .....	219,515	180,761	33,480	144,826	125,009	16,004
14 years .....	248,265	203,588	37,480	228,669	197,259	24,681
15 years .....	89,202	72,963	13,436	79,617	67,273	9,667
16 years .....	314,545	278,209	25,084	334,593	302,677	21,198
17 years or more .....	148,140	131,423	9,781	245,746	222,850	10,828
Not stated .....	40,667	31,408	6,717	451,454	215,554	220,760

<sup>1</sup>Includes races other than white and black.

NOTE: Excludes data for California, Texas, and Washington, which did not require reporting of educational attainment of mother and father.

**Table 22. Live births by educational attainment of mother, age of mother, and race of child: Total of 47 reporting States and the District of Columbia, 1984**

[Based on 100 percent of births in 44 States and on a 50-percent sample of births in 3 States and the District of Columbia; see Technical notes]

Age of mother and race of child	Total	Years of school completed by mother					Not stated
		0-8 years	9-11 years	12 years	13-15 years	16 years or more	
All races <sup>1</sup>							
All ages .....	2,853,459	102,008	486,399	1,204,718	556,982	462,685	40,667
Under 15 years .....	7,829	5,823	1,797	-	-	-	209
15-19 years .....	367,282	26,915	193,335	128,475	12,855	125	5,577
15 years .....	18,668	5,714	12,480	145	-	-	329
16 years .....	41,403	5,179	34,632	896	18	-	678
17 years .....	70,144	5,001	52,785	11,079	147	-	1,132
18 years .....	102,155	5,353	48,471	44,745	2,081	-	1,505
19 years .....	134,912	5,668	44,967	71,610	10,609	125	1,933
20-24 years .....	885,625	27,305	171,803	471,526	166,301	36,838	11,852
25-29 years .....	911,271	20,196	77,676	388,822	224,962	187,175	12,440
30-34 years .....	512,090	13,026	28,892	163,352	119,325	180,042	7,453
35-39 years .....	148,600	6,732	10,407	45,411	30,078	53,318	2,654
40 years and over .....	20,762	2,011	2,489	7,132	3,461	5,187	482
White							
All ages .....	2,260,113	72,461	328,551	960,749	457,312	409,632	31,408
Under 15 years .....	2,617	1,943	566	-	-	-	108
15-19 years .....	241,080	19,352	122,687	86,902	8,279	97	3,763
15 years .....	8,971	3,043	5,685	64	-	-	179
16 years .....	23,642	3,481	19,212	522	12	-	415
17 years .....	44,688	3,894	33,282	6,658	100	-	754
18 years .....	68,481	4,296	32,656	29,260	1,233	-	1,036
19 years .....	95,298	4,638	31,852	50,398	6,934	97	1,379
20-24 years .....	688,950	21,695	124,811	373,445	129,134	30,848	9,017
25-29 years .....	759,817	14,588	53,941	325,568	190,010	165,744	9,966
30-34 years .....	430,349	9,019	18,401	133,384	101,902	161,563	6,080
35-39 years .....	121,251	4,542	6,597	35,908	25,115	46,970	2,119
40 years and over .....	16,049	1,322	1,548	5,542	2,872	4,410	355
Black							
All ages .....	502,216	21,937	142,102	212,199	84,396	34,865	6,717
Under 15 years .....	5,018	3,750	1,178	-	-	-	90
15-19 years .....	115,974	6,613	65,403	38,203	4,221	22	1,512
15 years .....	9,263	2,541	6,506	79	-	-	137
16 years .....	16,669	1,533	14,561	350	5	-	220
17 years .....	23,530	916	18,120	4,126	42	-	326
18 years .....	30,791	837	14,446	14,342	785	-	381
19 years .....	35,721	786	11,770	19,306	3,389	22	448
20-24 years .....	171,738	3,594	41,694	86,693	32,835	4,763	2,159
25-29 years .....	123,090	3,517	20,607	53,467	29,227	14,598	1,674
30-34 years .....	62,299	2,537	9,051	24,710	13,786	11,330	885
35-39 years .....	20,530	1,481	3,329	7,798	3,884	3,709	329
40 years and over .....	3,567	445	840	1,328	443	443	68

<sup>1</sup>Includes races other than white and black.

NOTE: Excludes data for California, Texas, and Washington, which did not require reporting of educational attainment of mother.

**Table 23. Live births by age of mother and specified race of child: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Age of mother	All races <sup>1</sup>	White	Black	American Indian <sup>2</sup>	Asian or Pacific Islander				
					Chinese	Japanese	Hawaiian	Filipino	Other
All ages . . . . .	3,669,141	2,923,502	592,745	41,451	16,186	9,350	7,258	19,864	56,570
Under 15 years . . . . .	9,965	3,959	5,720	147	5	1	20	14	93
15-19 years . . . . .	469,682	320,953	134,392	8,160	162	288	1,170	1,251	3,084
15 years . . . . .	24,142	12,869	10,637	384	4	8	49	61	118
16 years . . . . .	53,178	32,529	19,158	935	16	22	108	131	269
17 years . . . . .	89,424	59,618	27,112	1,604	28	45	204	234	538
18 years . . . . .	130,159	90,470	35,656	2,271	36	71	340	334	902
19 years . . . . .	172,779	125,467	41,829	2,966	78	142	469	491	1,257
20-24 years . . . . .	1,141,578	898,919	203,562	15,304	1,741	1,389	2,645	4,052	13,308
25-29 years . . . . .	1,165,711	969,061	147,111	10,413	6,099	3,325	1,984	6,374	20,597
30-34 years . . . . .	658,496	549,595	73,858	5,236	6,017	3,153	1,069	5,365	13,783
35-39 years . . . . .	195,755	159,246	24,028	1,856	1,960	1,046	311	2,355	4,819
40-44 years . . . . .	26,846	20,974	3,906	325	194	147	56	433	783
45-49 years . . . . .	1,108	795	168	10	8	1	3	20	103

<sup>1</sup>Includes births of other races not shown separately.

<sup>2</sup>Includes births to Aleuts and Eskimos.

**Table 24. Live births by birth weight and number and percent low birth weight, by specified race of child: United States, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Birth weight <sup>1</sup>	All races <sup>2</sup>	White	Black	American Indian <sup>3</sup>	Asian or Pacific Islander				
					Chinese	Japanese	Hawaiian	Filipino	Other
Number									
Total . . . . .	3,669,141	2,923,502	592,745	41,451	16,186	9,350	7,258	19,864	56,570
Less than 2,500 grams . . . . .	246,105	163,117	73,178	2,546	827	565	552	1,537	3,639
Less than 500 grams . . . . .	4,444	2,541	1,782	25	14	5	13	21	41
500-999 grams . . . . .	16,794	10,093	6,155	159	28	27	34	67	217
1,000-1,499 grams . . . . .	22,261	14,281	7,200	241	68	44	37	113	264
1,500-1,999 grams . . . . .	47,059	31,168	14,176	500	126	94	99	275	599
2,000-2,499 grams . . . . .	155,547	105,034	43,865	1,621	591	395	369	1,061	2,518
2,500-2,999 grams . . . . .	583,500	413,505	140,266	6,241	3,231	1,908	1,349	4,315	12,294
3,000-3,499 grams . . . . .	1,345,126	1,055,522	227,546	15,031	7,150	3,971	2,829	8,206	24,018
3,500-3,999 grams . . . . .	1,083,113	924,441	119,596	12,537	4,073	2,293	1,902	4,541	13,126
4,000-4,499 grams . . . . .	335,175	299,066	26,277	4,006	763	517	523	1,017	2,811
4,500-4,999 grams . . . . .	62,629	56,540	4,229	860	109	80	86	200	501
5,000 grams or more . . . . .	8,449	7,404	753	133	24	4	11	32	84
Not stated . . . . .	5,044	3,907	900	97	9	12	6	16	97
Percent									
Less than 2,500 grams . . . . .	6.7	5.6	12.4	6.2	5.1	6.1	7.6	7.7	6.4

<sup>1</sup>Equivalents of the gram weights in pounds and ounces are shown in table 15.

<sup>2</sup>Includes births of other races not shown separately.

<sup>3</sup>Includes births to Aleuts and Eskimos.

Table 25. Live births by month of pregnancy prenatal care began, age of mother, and race of child: United States, 1984

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Age of mother and race of child	Month of pregnancy prenatal care began						
	Total	1st and 2d month	3d month	4th-6th month	7th-9th month	No prenatal care	Not stated
All races <sup>1</sup>							
All ages .....	3,669,141	1,922,774	824,309	643,349	140,535	59,937	78,237
Under 15 years .....	9,965	1,653	1,664	4,276	1,422	600	350
15-19 years .....	469,682	137,880	109,585	156,299	38,217	15,567	12,134
15 years .....	24,142	4,888	4,954	9,761	2,750	1,048	741
16 years .....	53,178	12,605	11,526	20,329	5,084	2,130	1,504
17 years .....	89,424	23,867	20,717	31,611	7,643	3,186	2,400
18 years .....	130,159	38,115	30,742	43,213	10,479	4,346	3,264
19 years .....	172,779	58,405	41,646	51,385	12,261	4,857	4,225
20-24 years .....	1,141,578	542,694	268,586	231,807	51,928	21,668	24,895
25-29 years .....	1,165,711	700,493	254,550	146,597	28,683	12,471	22,917
30-34 years .....	658,496	412,464	140,667	72,694	13,522	6,243	12,906
35-39 years .....	195,755	114,474	42,893	26,046	5,429	2,702	4,211
40 years and over .....	27,954	13,116	6,364	5,630	1,334	686	824
White							
All ages .....	2,923,502	1,626,145	657,001	450,105	94,989	38,461	56,801
Under 15 years .....	3,959	724	685	1,549	596	269	136
15-19 years .....	320,953	100,580	77,934	101,086	24,358	9,493	7,502
15 years .....	12,869	2,785	2,780	4,906	1,486	542	370
16 years .....	32,529	8,184	7,366	11,847	3,040	1,249	843
17 years .....	59,618	16,619	14,478	20,334	4,817	1,905	1,465
18 years .....	90,470	27,958	22,215	28,780	6,830	2,676	2,011
19 years .....	125,467	45,034	31,095	35,219	8,185	3,121	2,813
20-24 years .....	898,919	452,842	213,151	164,830	35,812	14,227	18,057
25-29 years .....	969,061	607,474	209,644	106,349	19,959	8,144	17,491
30-34 years .....	549,595	357,173	116,020	53,118	9,403	4,041	9,840
35-39 years .....	159,246	96,694	34,544	19,094	3,880	1,821	3,213
40 years and over .....	21,769	10,658	5,023	4,079	981	466	562
Black							
All ages .....	592,745	224,251	134,086	162,279	36,690	18,825	16,614
Under 15 years .....	5,720	886	937	2,591	794	313	199
15-19 years .....	134,392	33,480	28,579	50,340	12,307	5,592	4,094
15 years .....	10,637	1,990	2,045	4,601	1,185	473	343
16 years .....	19,158	4,119	3,856	7,912	1,849	826	696
17 years .....	27,112	6,616	5,667	10,251	2,555	1,165	858
18 years .....	35,656	9,056	7,677	13,112	3,195	1,533	1,083
19 years .....	41,829	11,699	9,334	14,464	3,523	1,595	1,214
20-24 years .....	203,562	73,853	46,882	57,473	13,233	6,555	5,566
25-29 years .....	147,111	67,434	34,226	31,486	6,367	3,697	3,901
30-34 years .....	73,858	36,084	16,927	14,256	2,747	1,807	2,037
35-39 years .....	24,028	10,989	5,633	5,026	1,008	707	665
40 years and over .....	4,074	1,525	902	1,107	234	154	152

<sup>1</sup>Includes races other than white and black.

**Table 26. Live births by month of pregnancy prenatal care began, number of prenatal visits, and race of child: Total of 49 reporting States and the District of Columbia, 1984**

[Based on 100 percent of births in 46 States and on a 50-percent sample of births in 3 States and the District of Columbia; see Technical notes]

Number of prenatal visits and race of child	Month of pregnancy prenatal care began						
	All births	1st and 2d month	3d month	4th-6th month	7th-9th month	No prenatal care	Not stated
<b>All races<sup>1</sup></b>							
Total .....	3,221,411	1,681,250	728,650	564,250	124,263	53,763	69,235
No visits .....	53,763	...	...	...	...	53,763	...
1-2 visits .....	57,424	6,809	4,769	15,033	29,286	...	1,527
3-4 visits .....	103,783	12,194	12,130	43,757	34,368	...	1,334
5-6 visits .....	199,980	36,909	39,643	92,394	29,332	...	1,702
7-8 visits .....	342,533	108,147	87,482	128,350	16,443	...	2,111
9-10 visits .....	661,186	302,294	199,151	148,593	8,029	...	3,119
11-12 visits .....	880,300	573,901	221,814	79,064	2,911	...	2,610
13-14 visits .....	458,898	338,151	91,126	27,424	951	...	1,246
15-16 visits .....	250,154	190,386	43,626	14,814	544	...	784
17-18 visits .....	55,265	41,852	9,876	3,221	138	...	178
19 visits or more .....	66,675	50,116	11,280	4,732	224	...	323
Not stated .....	91,450	20,491	7,753	6,868	2,037	...	54,301
<b>White</b>							
Total .....	2,573,038	1,434,204	582,480	389,869	82,602	33,652	50,231
No visits .....	33,652	...	...	...	...	33,652	...
1-2 visits .....	34,174	4,528	2,786	8,002	17,992	...	866
3-4 visits .....	63,349	7,588	7,292	25,257	22,381	...	831
5-6 visits .....	133,195	25,888	26,623	59,645	19,974	...	1,065
7-8 visits .....	253,780	84,817	66,457	89,355	11,663	...	1,488
9-10 visits .....	525,919	252,455	159,132	106,297	5,710	...	2,325
11-12 visits .....	751,110	501,262	186,004	59,620	2,128	...	2,096
13-14 visits .....	396,137	297,288	76,169	20,966	718	...	996
15-16 visits .....	213,157	165,370	35,863	10,858	420	...	646
17-18 visits .....	46,893	36,400	7,920	2,333	96	...	144
19 visits or more .....	54,319	42,119	8,579	3,199	163	...	259
Not stated .....	67,353	16,489	5,655	4,337	1,357	...	39,515
<b>Black</b>							
Total .....	545,666	201,759	123,332	151,800	34,844	18,179	15,752
No visits .....	18,179	...	...	...	...	18,179	...
1-2 visits .....	20,316	2,028	1,798	6,337	9,619	...	534
3-4 visits .....	35,116	4,054	4,281	16,385	9,999	...	397
5-6 visits .....	57,772	9,551	11,475	28,494	7,764	...	488
7-8 visits .....	75,504	19,575	17,873	33,693	3,911	...	452
9-10 visits .....	113,810	40,902	33,777	36,621	1,901	...	609
11-12 visits .....	105,039	57,964	29,327	16,711	663	...	374
13-14 visits .....	50,238	32,130	12,200	5,530	197	...	181
15-16 visits .....	30,776	20,420	6,604	3,551	106	...	95
17-18 visits .....	7,161	4,635	1,681	782	35	...	28
19 visits or more .....	11,004	7,042	2,437	1,420	56	...	49
Not stated .....	20,751	3,458	1,879	2,276	593	...	12,545

<sup>1</sup>Includes races other than white and black.

NOTE: Excludes data for California, which did not require reporting of number of prenatal visits.

**Table 27. Live births by period of gestation, birth weight, and race of child: Total of 49 reporting States and the District of Columbia, 1984**

[Based on 100 percent of births in 45 States and on a 50-percent sample of births in 4 States and the District of Columbia; see Technical notes]

Birth weight <sup>1</sup> and race of child	All births	Period of gestation								Not stated
		Under 28 weeks	28-31 weeks	32-35 weeks	36 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks and over	
<b>All races<sup>2</sup></b>										
Total . . . . .	3,641,768	25,829	38,355	157,652	108,322	1,318,624	784,949	546,231	530,493	131,313
Under 500 grams . . . . .	4,421	3,313	161	67	15	77	42	62	43	641
500-999 grams . . . . .	16,693	10,272	2,867	772	95	366	208	145	228	1,740
1,000-1,499 grams . . . . .	22,111	3,297	9,954	4,743	479	1,070	259	199	348	1,762
1,500-1,999 grams . . . . .	46,684	1,320	8,495	19,605	3,529	7,087	1,284	886	1,411	3,067
2,000-2,499 grams . . . . .	154,149	1,210	4,044	40,602	17,666	54,024	12,551	7,015	9,431	7,606
2,500-2,999 grams . . . . .	577,783	1,836	4,445	40,154	37,585	269,711	90,753	51,082	59,273	22,944
3,000-3,499 grams . . . . .	1,334,293	2,292	5,054	32,603	32,182	553,320	298,354	185,209	179,792	45,487
3,500-3,999 grams . . . . .	1,076,403	1,231	2,505	14,944	13,028	340,917	278,444	205,015	186,593	33,726
4,000-4,499 grams . . . . .	333,728	299	523	3,281	3,027	77,940	86,352	78,064	73,992	10,250
4,500-4,999 grams . . . . .	62,426	78	109	521	544	11,701	14,605	16,201	16,652	2,015
5,000 grams or over . . . . .	8,406	97	20	94	77	1,598	1,697	2,066	2,440	317
Not stated . . . . .	4,671	584	178	266	95	813	400	287	290	1,758
<b>White</b>										
Total . . . . .	2,900,760	14,971	23,517	104,895	77,466	1,028,149	650,868	463,486	438,532	98,876
Under 500 grams . . . . .	2,521	1,909	79	39	9	46	30	35	25	349
500-999 grams . . . . .	10,007	6,207	1,700	486	41	219	113	83	141	1,017
1,000-1,499 grams . . . . .	14,159	1,980	6,500	3,094	328	650	170	143	208	1,086
1,500-1,999 grams . . . . .	30,853	621	5,670	13,128	2,351	4,699	852	574	962	1,996
2,000-2,499 grams . . . . .	103,833	590	2,195	28,192	12,112	36,221	8,582	4,871	6,218	4,852
2,500-2,999 grams . . . . .	408,728	924	2,229	26,139	26,847	190,770	66,401	37,613	42,507	15,298
3,000-3,499 grams . . . . .	1,046,632	1,270	2,890	20,331	23,093	429,844	240,517	152,017	142,703	33,967
3,500-3,999 grams . . . . .	918,879	814	1,672	10,323	9,784	285,541	241,553	180,038	161,319	27,835
4,000-4,499 grams . . . . .	297,839	209	387	2,516	2,335	68,007	77,702	71,083	66,684	8,916
4,500-4,999 grams . . . . .	56,373	54	81	396	416	10,234	13,155	14,906	15,317	1,814
5,000 grams or over . . . . .	7,369	68	9	61	69	1,307	1,479	1,889	2,217	270
Not stated . . . . .	3,567	325	105	190	81	611	314	234	231	1,476
<b>Black</b>										
Total . . . . .	592,100	10,083	13,379	45,897	26,258	230,924	103,746	64,048	73,660	24,105
Under 500 grams . . . . .	1,782	1,322	77	28	6	25	12	24	15	273
500-999 grams . . . . .	6,152	3,775	1,074	261	53	123	78	55	78	655
1,000-1,499 grams . . . . .	7,195	1,214	3,135	1,497	132	378	85	47	123	584
1,500-1,999 grams . . . . .	14,168	651	2,540	5,779	1,042	2,154	391	275	407	929
2,000-2,499 grams . . . . .	43,819	591	1,675	10,894	4,822	15,400	3,433	1,851	2,861	2,292
2,500-2,999 grams . . . . .	140,108	859	2,010	12,268	9,078	64,687	19,909	11,147	14,272	5,878
3,000-3,499 grams . . . . .	227,286	942	1,935	10,506	7,759	96,970	44,799	25,993	30,089	8,293
3,500-3,999 grams . . . . .	119,467	365	724	3,854	2,709	42,454	27,472	18,545	19,364	3,980
4,000-4,499 grams . . . . .	26,257	82	112	624	551	7,340	6,302	5,026	5,373	847
4,500-4,999 grams . . . . .	4,224	21	19	97	88	1,039	1,019	924	883	134
5,000 grams or over . . . . .	752	28	11	25	6	198	178	129	150	27
Not stated . . . . .	890	233	67	64	12	156	68	32	45	213

<sup>1</sup>Equivalents of the gram weights in pounds and ounces are shown in table 15.

<sup>2</sup>Includes races other than white and black.

NOTE: Excludes data for New Mexico, which did not require reporting of first day of last normal menstrual period.



**Table 28. Live births by 1- and 5-minute Apgar scores and race of child: Total of 46 reporting States and the District of Columbia, 1984**

[Based on 100 percent of births in 44 States and on a 50-percent sample of births in 2 States and the District of Columbia; see Technical notes]

1-minute score and race of child	Total	5-minute score										Not stated	
		0	1	2	3	4	5	6	7	8	9		10
<b>All races<sup>1</sup></b>													
Total .....	2,858,643	2,481	6,732	3,816	4,034	5,633	10,306	21,939	55,545	243,624	1,820,824	632,959	50,750
0 .....	2,620	1,075	447	248	201	138	139	88	74	66	81	35	28
1 .....	20,240	744	4,903	1,395	1,585	1,667	2,136	2,246	2,063	1,834	1,336	109	222
2 .....	20,379	184	741	1,468	977	1,623	2,307	3,381	3,489	3,414	2,485	154	156
3 .....	25,013	62	213	226	673	965	2,366	4,126	5,585	5,800	4,621	247	129
4 .....	36,958	26	80	150	147	536	1,555	4,910	8,355	10,918	9,604	569	108
5 .....	61,039	17	51	87	117	162	884	3,977	12,887	20,928	20,497	1,282	150
6 .....	111,005	13	42	56	84	149	240	1,962	13,450	43,842	47,617	3,347	203
7 .....	295,679	54	52	66	103	141	238	563	7,102	87,397	187,891	11,784	288
8 .....	1,049,651	127	90	63	98	163	277	441	1,815	66,713	901,550	77,570	744
9 .....	1,136,316	145	87	38	35	68	120	200	625	2,420	643,808	487,916	854
10 .....	50,276	6	3	5	-	2	6	6	11	50	516	49,571	100
Not stated.....	49,467	28	23	14	14	19	38	39	89	242	818	375	47,768
<b>White</b>													
Total .....	2,270,413	1,552	4,138	2,420	2,674	3,702	7,053	15,710	41,740	191,436	1,440,790	518,327	40,871
0 .....	1,656	628	289	172	141	93	90	54	51	41	55	21	21
1 .....	13,174	479	2,961	874	1,024	1,093	1,396	1,512	1,412	1,293	911	92	127
2 .....	14,118	103	465	940	660	1,047	1,598	2,365	2,461	2,444	1,806	128	101
3 .....	17,802	35	123	146	446	651	1,614	2,900	4,014	4,133	3,454	205	81
4 .....	27,210	15	51	75	98	362	1,093	3,531	6,080	8,151	7,216	462	76
5 .....	46,755	10	32	59	77	103	631	2,902	9,798	15,990	15,975	1,076	102
6 .....	87,481	8	32	40	56	90	174	1,511	10,478	34,302	37,882	2,762	146
7 .....	238,363	42	35	44	70	98	163	434	5,519	69,433	152,312	10,003	210
8 .....	847,713	108	68	34	70	107	182	321	1,393	53,508	724,920	66,434	568
9 .....	895,701	104	68	24	23	42	84	148	467	1,933	495,196	396,960	652
10 .....	40,478	3	-	2	-	2	4	5	7	41	442	39,904	68
Not stated.....	39,962	17	14	10	9	14	24	27	60	167	621	280	38,719
<b>Black</b>													
Total .....	497,876	855	2,408	1,313	1,261	1,784	2,978	5,641	12,315	44,775	318,974	97,324	8,248
0 .....	883	412	145	72	52	41	46	33	19	23	20	14	6
1 .....	6,451	247	1,809	483	512	533	676	658	583	472	378	12	88
2 .....	5,645	73	257	498	294	530	646	916	923	857	580	19	52
3 .....	6,476	24	82	76	218	289	695	1,122	1,420	1,478	987	38	47
4 .....	8,711	10	29	73	44	158	417	1,270	2,053	2,451	2,081	94	31
5 .....	12,539	6	17	27	39	57	239	951	2,749	4,334	3,908	166	46
6 .....	20,294	5	10	15	27	55	60	404	2,603	8,281	8,268	513	53
7 .....	48,475	11	16	21	33	40	68	118	1,424	15,395	29,796	1,481	72
8 .....	166,077	15	19	28	26	52	87	111	375	11,007	145,020	9,182	155
9 .....	205,736	38	15	13	11	24	29	46	140	401	127,720	77,120	179
10 .....	8,707	3	1	3	-	-	1	1	4	9	50	8,607	28
Not stated.....	7,882	11	8	4	5	5	14	11	22	67	166	78	7,491

<sup>1</sup>Includes races other than white and black.

NOTE: Excludes data for California, Delaware, Oklahoma, and Texas, which did not require reporting of both 1- and 5-minute Apgar scores.

**Table 29. Live births by 5-minute Apgar score, age of mother, and race of child: Total of 46 reporting States and the District of Columbia, 1984**

[Based on 100 percent of births in 44 States and on a 50-percent sample of births in 2 States and the District of Columbia; see Technical notes]

Age of mother and race of child	Total	5-minute score										Not stated	
		0	1	2	3	4	5	6	7	8	9		10
<b>All races<sup>1</sup></b>													
All ages . . . . .	2,858,643	2,481	6,732	3,816	4,034	5,633	10,306	21,939	55,545	243,624	1,820,824	632,959	50,750
Under 15 years . . .	7,727	23	37	19	17	33	58	101	252	814	4,749	1,431	193
15-19 years . . . .	364,441	425	1,091	657	693	934	1,770	3,877	9,123	35,064	229,218	74,768	6,821
15 years . . . . .	18,494	25	86	47	47	54	106	227	541	1,775	11,701	3,512	373
16 years . . . . .	41,076	52	138	78	85	137	238	469	1,135	4,060	25,576	8,264	844
17 years . . . . .	69,386	78	212	126	133	168	365	800	1,792	6,671	43,663	14,058	1,320
18 years . . . . .	101,351	120	289	188	194	253	494	1,067	2,520	9,787	63,538	21,091	1,810
19 years . . . . .	134,134	150	366	218	234	322	567	1,314	3,135	12,771	84,740	27,843	2,474
20-24 years . . . .	883,664	757	2,089	1,189	1,276	1,790	3,289	6,975	17,803	78,064	562,624	191,686	16,122
25-29 years . . . .	914,846	693	1,957	1,091	1,109	1,584	2,903	6,149	16,008	73,964	586,305	207,434	15,649
30-34 years . . . .	516,832	408	1,134	617	658	922	1,640	3,497	8,974	41,272	331,162	117,870	8,678
35-39 years . . . .	150,215	150	364	199	241	308	540	1,142	2,916	12,534	94,220	34,796	2,805
40-44 years . . . .	20,130	24	55	44	36	59	103	193	451	1,818	12,105	4,781	461
45-49 years . . . .	788	1	5	-	4	3	3	5	18	94	441	193	21
<b>White</b>													
All ages . . . . .	2,270,413	1,552	4,138	2,420	2,674	3,702	7,053	15,710	41,740	191,436	1,440,790	518,327	40,871
Under 15 years . . .	2,579	5	9	5	3	10	21	33	88	289	1,562	488	66
15-19 years . . . .	240,162	215	545	357	368	503	1,000	2,354	5,928	23,375	149,019	51,758	4,740
15 years . . . . .	8,926	9	41	21	18	22	41	99	249	867	5,555	1,809	195
16 years . . . . .	23,555	26	67	39	36	66	122	261	682	2,342	14,376	5,014	524
17 years . . . . .	44,332	32	108	75	65	95	215	474	1,127	4,341	27,451	9,472	877
18 years . . . . .	68,191	59	142	105	117	135	286	647	1,676	6,729	42,171	14,816	1,308
19 years . . . . .	95,158	89	187	117	132	185	336	873	2,194	9,096	59,466	20,647	1,836
20-24 years . . . .	689,459	452	1,210	732	804	1,191	2,238	4,964	13,334	60,780	436,023	154,812	12,919
25-29 years . . . .	764,150	473	1,291	750	806	1,136	2,137	4,725	12,686	61,245	488,568	177,161	13,172
30-34 years . . . .	434,997	289	788	416	487	623	1,215	2,648	7,151	34,234	278,744	101,083	7,319
35-39 years . . . .	122,840	102	250	131	176	193	370	844	2,223	10,073	77,107	29,088	2,283
40-44 years . . . .	15,670	16	43	29	27	45	71	139	317	1,384	9,448	3,795	356
45-49 years . . . .	556	-	2	-	3	1	1	3	13	56	319	142	16
<b>Black</b>													
All ages . . . . .	497,876	855	2,408	1,313	1,261	1,784	2,978	5,641	12,315	44,775	318,974	97,324	8,248
Under 15 years . . .	4,961	18	27	13	14	23	37	67	159	498	3,059	922	124
15-19 years . . . .	114,743	208	526	286	312	413	726	1,450	3,016	10,747	73,639	21,545	1,875
15 years . . . . .	9,173	16	45	26	29	32	64	122	276	873	5,877	1,645	168
16 years . . . . .	16,507	26	70	38	48	69	111	200	435	1,620	10,502	3,089	299
17 years . . . . .	23,276	46	98	48	65	68	140	314	627	2,158	14,974	4,329	409
18 years . . . . .	30,487	59	140	80	74	112	197	408	794	2,792	19,521	5,862	448
19 years . . . . .	35,300	61	173	94	96	132	214	406	884	3,304	22,765	6,620	551
20-24 years . . . .	169,998	284	826	437	432	562	981	1,853	4,049	15,158	109,957	32,766	2,693
25-29 years . . . .	122,200	188	612	318	283	406	683	1,269	2,912	10,605	78,561	24,344	2,019
30-34 years . . . .	62,024	110	303	182	157	269	375	714	1,500	5,530	39,201	12,638	1,045
35-39 years . . . .	20,418	40	101	62	55	99	149	246	564	1,879	12,521	4,292	410
40-44 years . . . .	3,377	7	11	15	8	10	26	40	110	330	1,966	775	79
45-49 years . . . .	155	-	2	-	-	2	1	2	5	28	70	42	3

<sup>1</sup>Includes races other than white and black.

NOTE: Excludes data for California, Delaware, Oklahoma, and Texas, which did not require reporting of 5-minute Apgar scores.

## Technical notes

### Sources of data

Data shown in this report are based on 100 percent of the birth certificates of 46 States that provided data through the Vital Statistics Cooperative Program. These States accounted for 83 percent of all births in the United States in 1984. Data from the remaining areas (Arizona, California, Delaware, the District of Columbia, and Georgia) are based on a 50-percent sample of birth certificates filed in those areas.

Many of the topics discussed in this brief report are covered in more analytical detail in other reports published by the National Center for Health Statistics. Topics of reports issued within the past 4 years include first births to older mothers,<sup>1</sup> Asian births,<sup>5</sup> teenage childbearing,<sup>6</sup> and midwife-attended births.<sup>7</sup> Also available are methodological reports on imputing length of gestation<sup>8</sup> and on evaluating inferred birth statistics for unmarried women in California,<sup>9</sup> four brief reports on births of Hispanic parentage,<sup>10-13</sup> and a report presenting birth and fertility rates by State for 1980.<sup>14</sup>

### Population denominators

Birth and fertility rates for 1984 are based on populations estimated as of July 1, 1984.<sup>15</sup> The estimates are based on the 1980 census count. The 1980 census counts by race were modified to be consistent with Office of Management and Budget categories and historical categories for birth data. The modification procedures are discussed in detail in a U.S. Bureau of the Census report.<sup>16</sup>

### Births by marital status of mother

Beginning with 1980 data, national estimates of births to unmarried women are derived from two sources. For 41 States

and the District of Columbia, marital status is reported directly on the birth certificate; for the remaining 9 States, which lack such an item, marital status is inferred from a comparison of the child's and parents' surnames. This procedure represents a substantial departure from the method used prior to 1980 to prepare national estimates of births to unmarried women. The previous method assumed that the incidence of births to unmarried women in States with no direct question on marital status was the same as the incidence in reporting States in the same geographic division.

The new method represents an attempt to use related information on the birth certificate to improve the quality of national data on this topic as well as to provide data for the individual nonreporting States. The method is based on a comparison of the child's surname, the mother's present and maiden surnames, and the father's surname. An evaluation study of the new method and its continuing validity for California (the largest nonreporting State) has been published.<sup>9</sup>

### Computation of percent distributions and medians

Births of unknown live-birth order, attendant at birth, educational attainment of mother, date of last live birth, month of pregnancy prenatal care began, number of prenatal visits, and birth weight were subtracted from figures for total births used as denominators before percent distributions and medians were computed. In the case of birth intervals, the percent distributions exclude the second or later born child in a multiple delivery (interval of 0 months). Percent distributions of the number of prenatal visits also exclude births to mothers who had no prenatal care. Computations of the median number of prenatal visits were based on tabulations of ungrouped data.

NOTE: A list of references follows the text.

This report presents summary tabulations from the final natality statistics for 1984. More detailed tabulations for 1984 will be published in *Vital Statistics of the United States, Volume I—Natality*. Prior to the publication of that volume, the National Center for Health Statistics will respond to requests for unpublished data whenever possible.

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### Symbols

- Data not available
  - ... Category not applicable
  - Quantity zero
  - 0.0 Quantity more than zero but less than 0.05
  - Z Quantity more than zero but less than 500 where numbers are rounded to thousands
  - \* Figure does not meet standards of reliability or precision
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