



DHHS PUBLICATION NO.  
 (PHS) 80-1120  
 VOL. 29, NO. 1  
 SUPPLEMENT  
 APRIL 28, 1980

## VITAL STATISTICS REPORT

### Advance Report

# Final Natality Statistics, 1978

FROM THE  
 NATIONAL CENTER FOR HEALTH STATISTICS

### Births and Birth Rates

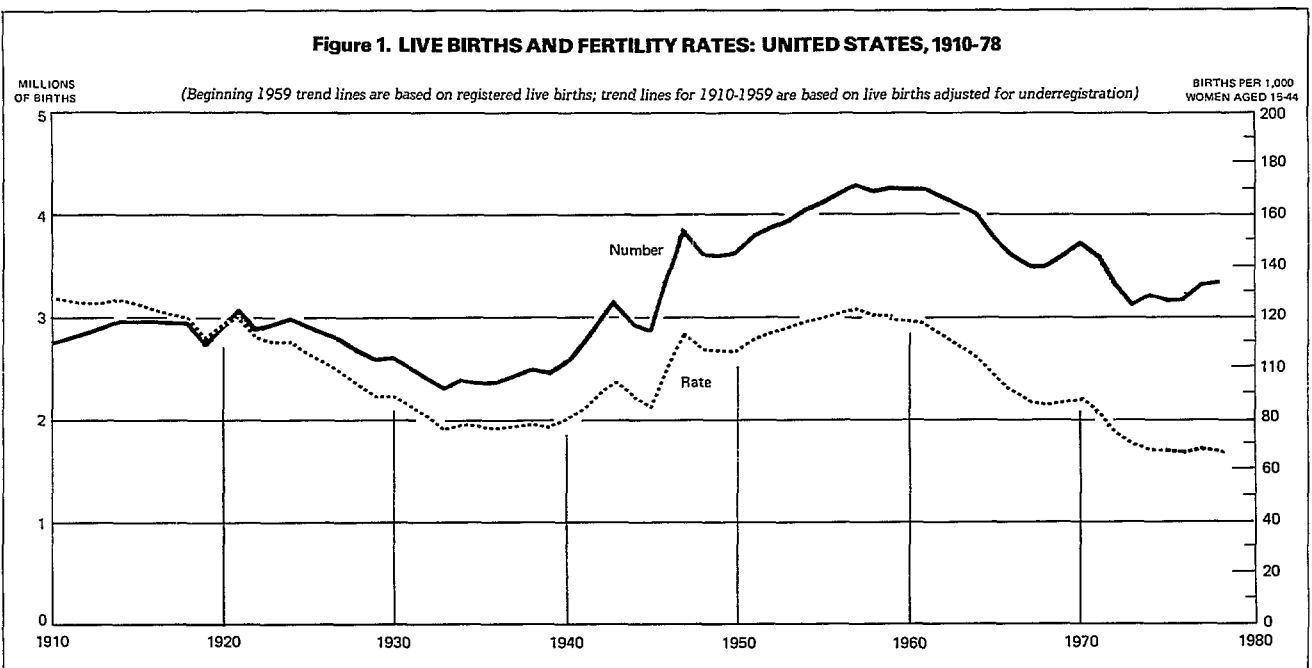
There were 3,333,279 registered live births in the United States during 1978. This was only a slight increase over the 3,326,632 births registered in 1977. Provisional data for 1979 indicate an increase of about 4 percent over the final number recorded for 1978.

The birth rate for 1978 was slightly below (less than 1 percent) the 1977 level, 15.3 live births per 1,000 population in 1978 compared with 15.4 in 1977. Provisional data for 1979 suggest a rise in the birth rate of about 3 percent over the final rate observed for 1978.

The fertility rate for 1978 of 66.6 births per 1,000 women aged 15-44 years was the second lowest rate ever recorded in the United States (the lowest was 65.8 in 1976). This was about 2 percent below the rate for 1977. Again provisional data for 1979 suggest a slight turnaround in the fertility rate, with an increase of about 2 percent over the final rate for 1978.

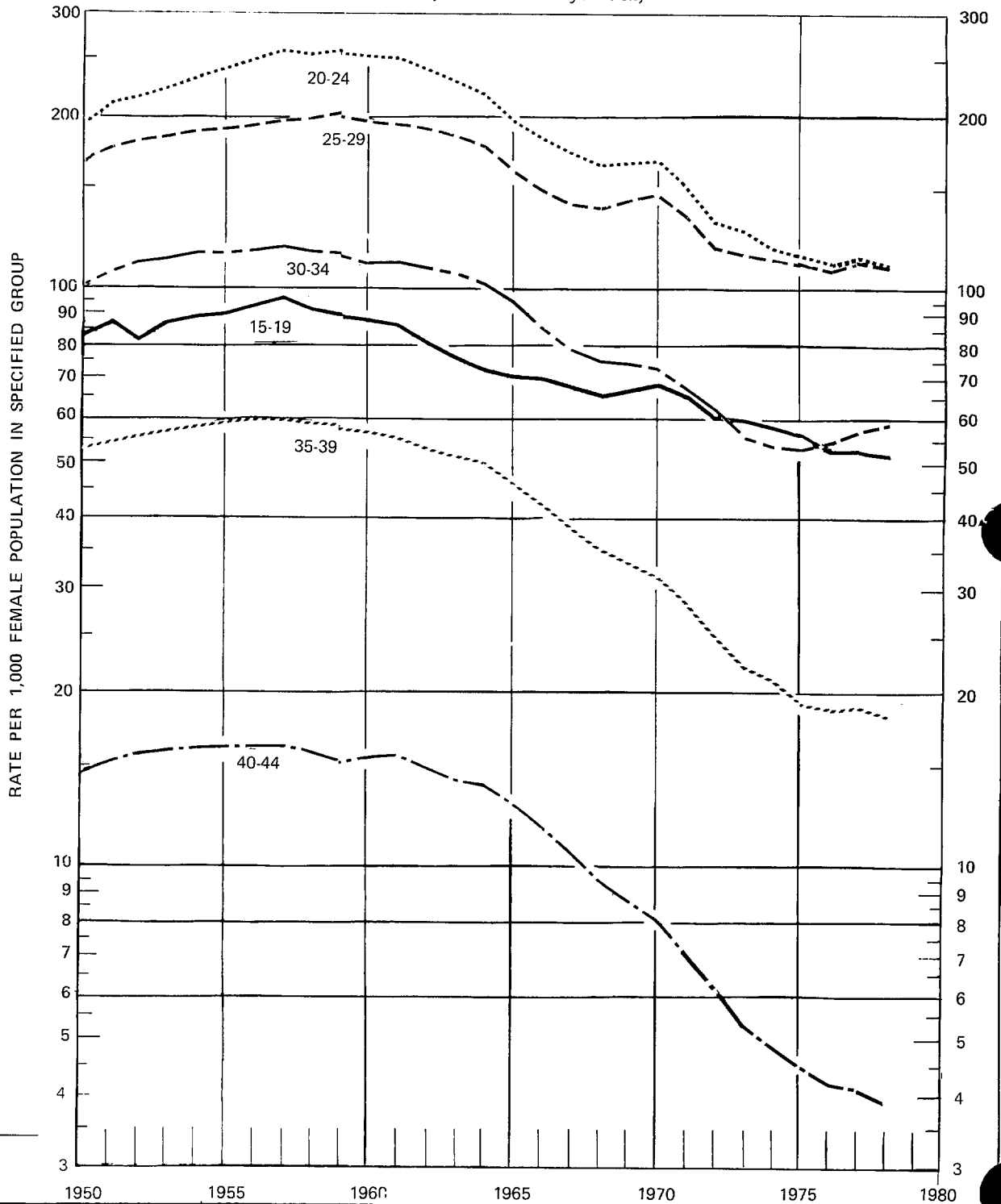
The 1977-78 decline in fertility is reflected in the lower birth rates for women observed for all age groups except those aged 30-34 years, for whom the rates were 2.8 percent higher, and women under 15 years and 45-49 years, for

Figure 1. LIVE BIRTHS AND FERTILITY RATES: UNITED STATES, 1910-78



**Figure 2. BIRTH RATES BY AGE OF MOTHER: UNITED STATES, 1950-78**

*(Beginning 1959 trend lines are based on registered live births; trend lines for 1950-59 are based on live births adjusted for underregistration)*



whom the rates were unchanged. Rates for ages 15-17 years declined 4.6 percent, and rates for women aged 40-44 years declined 7.1 percent. Other declines ranged from 1.1 percent to 2.5 percent.

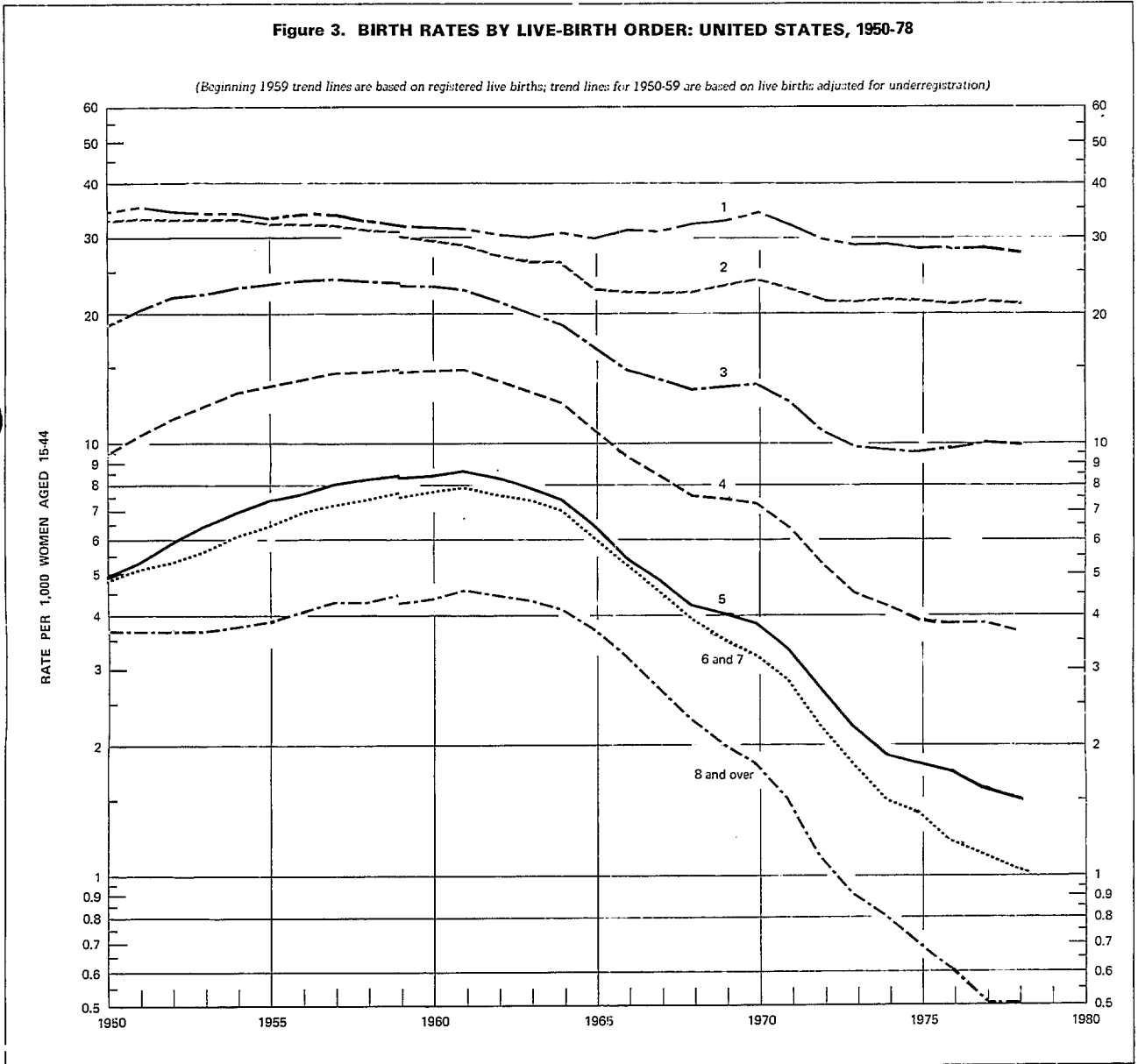
Birth rates declined for all birth orders except for eighth and higher orders. The declines ranged from 1.0 to 2.3 percent for first, second and third order births, and then accelerated to

6.3 to 8.3 percent for fifth and sixth and seventh order births. The birth rate for eighth and higher order births is already very low and was unchanged in 1978 (0.5).

An examination of age-birth order specific rates suggests that once again previously postponed births are accounting for the observed increases, and that rates of childbearing among young women and higher order birth rates

**Figure 3. BIRTH RATES BY LIVE-BIRTH ORDER: UNITED STATES, 1950-78**

*(Beginning 1959 trend lines are based on registered live births; trend lines for 1950-59 are based on live births adjusted for underregistration)*



for older women are continuing to decline. Increases in first order birth rates were substantial for women aged 30-34 and 35-39 years, 12.1 percent and 10.0 percent, respectively. In addition, rates for second order births to these women increased 6.7 percent and 8.8 percent, respectively. Other increases in rates were for first order births for women aged 25-29 years and for third order births for women aged 30-34 and 35-39 years. The third order birth rate for women aged 18-19 years also increased slightly, but it is still very low (3.3). First order birth rates for young teenagers 15-17 years of age continued to decline; the rate for 1978 was 4.9 percent below that for 1977. Rates for high order births for all age groups are already very low, and most were unchanged or declined slightly.

The total fertility rate indicates the number of births 1,000 women would have if they experienced throughout their childbearing years the set of age-specific birth rates observed in a given calendar year. It shows the implications of current levels of fertility for completed family size. This rate was 1,800.2 in 1978, or 1.4 percent lower than the rate in 1977 (1,826.3).

In 1978 the fertility rate declined by 2.0 percent for white women and by 1.3 percent for black women. The rate was 62.7 for white women and 88.6 for black women. The differential between these two rates increased slightly as a result of the larger decline in the rate for white women than for black women.

The number of births increased in the New England, West North Central, West South Central, Mountain, and Pacific Divisions. The largest increase, 3.1 percent, was in the Mountain Division. There were declines in the numbers of births in the Middle Atlantic, East North Central, South Atlantic, and East South Central Divisions, with the reductions ranging from 1 to 2 percent. Increases and declines in numbers of births were about evenly split among the States, with increases observed in 24 States and declines noted in 26 States and the District of Columbia.

Birth rates increased 1 percent in the New England and Pacific Divisions and declined 1 to 2 percent or remained unchanged in the other divisions. Rates increased in only 13 States, declined in 30 States and the District

of Columbia, and remained the same in 7 States.

### Sex Ratio of Births

The sex ratio in 1978 was 1,053 male births per 1,000 female births, unchanged from 1977. This ratio varies very little from year to year and is consistently higher for white births than for black births. In 1978 the sex ratio was 1,058 for white births and 1,028 for black births.

### Month of Birth

There is a consistent pattern in the monthly occurrence of births that has been observed for many years. The peak months of occurrence are August and September when adjusted for differing number of days per month. If the birth and fertility rates are adjusted to account for the characteristic seasonal variation, it is then possible to observe the underlying trends in these rates. Seasonally adjusted monthly birth and fertility rates in 1978 were generally lower than in 1977, particularly in the early months of the year. Rates for November and December 1978, however, were higher than for the same months of 1977 (by 3 percent in December), a trend which provisional data suggest continued in 1979.

### Place of Delivery and Attendant at Birth

In 1978, 99.0 percent of all babies were born in hospitals, the same as for 1977. Of the 3,300,659 births occurring in hospitals, 97.6 percent were attended by physicians. The comparable proportion for 1977 was 97.7 percent. Midwives attended 1.1 percent of these hospital births in 1978 compared with 0.9 percent in 1977.

In recent years there has been a growing trend toward more deliveries attended by midwives, although the numbers are still relatively small. There were 46,060 births attended by midwives in 1978, 1.4 percent of all births compared with 1.2 percent in 1977 and 1.1 percent in 1976. Overall, the proportion of these births delivered in hospitals has remained about three-fourths in recent years, but among black infants there has been a steady increase in the

proportion of midwife-attended deliveries that occurred in hospitals, from 66.0 percent in 1976 to 85.7 percent in 1978.

### Age of Father

In 1978 the birth rate for men was 55.0 births per 1,000 men aged 15-54 years. This rate was 1.3 percent lower than the rate in 1977 (55.7).

The only age group for which there was an increase in the rate over 1977 was for males aged 30-34 years, for whom there was a 1.1-percent increase. This coincides with the increase in birth rates observed for women of these ages. The rates for all other ages declined or remained unchanged, with reductions of 3 to 5 percent for men under 30 years as well as for ages 45-49 and 50-54 years. The rates for men aged 35-39, 40-44, and 55 years and over declined 1 percent or less or remained unchanged.

The birth rate declined by 2 percent for white men and by 1 percent for black men between 1977 and 1978. The rate for white men declined from 51.6 to 50.7, and the rate for black men declined from 84.1 to 83.2.

### Weight at Birth

The median birth weight of infants born in 1978 was 3,350 grams (equivalent to approximately 7 pounds 6 ounces), 10 grams greater than the medians for 1976 and 1977. For 1978 the median was 3,390 grams for white births and 3,150 grams for black births, the same as for 1977. The racial difference in birth weight of 240 grams is equivalent to about 8½ ounces.

Low birth weight is defined as 2,500 grams (5 pounds 8 ounces) or less. The proportion of all infants in this category was 7.1 percent in 1978, unchanged from 1977. Black infants were more than twice as likely as white infants to be of low birth weight. The proportion of low birth weight was 12.9 percent for black babies compared with 5.9 percent for white babies. This substantial differential has been observed for many years.

The incidence of low birth weight varies considerably according to age of the mother. Generally, the proportions were highest for teenage mothers and for mothers in their forties

and lowest for mothers aged 25-34 years. Births to teenagers under 15 years of age had the highest risk of being of low birth weight, 14.3 percent. This was 2.4 times the level observed for infants born to mothers aged 25-29 years (6.0 percent).

### Multiple Births

There were 65,348 live births in multiple deliveries (twins, triplets, quadruplets, etc.) in 1978. The majority of these, 64,163, were live births in twin deliveries. The multiple birth ratio, defined as the number of live births in multiple deliveries per 1,000 total live births, was 19.6 in 1978 compared with 19.2 in 1977. This ratio has historically been higher for black births than for white births. In 1978 the multiple birth ratio was 24.2 for black births and 18.8 for white births.

The incidence of plural births increases steadily as maternal age advances, generally up to ages 35-39 years. In 1978 the multiple birth ratio for births to mothers aged 35-39 years was 27.1, nearly twice the ratio for mothers 15-19 years old (13.7). These relationships are similar for white and black births.

### Births to Unmarried Women

National estimates of births to unmarried women are based on information on the mother's marital status provided on the birth certificates of 39 States and the District of Columbia.

Births to unmarried women continued to increase in 1978, but at a much slower rate than observed for the previous year. There were an estimated 543,900 live births to unmarried women during 1978, an increase of 5.5 percent over the 1977 estimate of 515,700. This was about half the rate of increase measured between 1976 and 1977 (10.2 percent). The number of births to unmarried white women and unmarried black women increased by 6.1 percent and 4.2 percent, respectively, also about half as much as during the previous year. These increases in 1978 are due principally to the continued rise in the number of unmarried women in the population and, to a much lesser extent, the increase in the rate of childbearing among these women.

The rate of childbearing among unmarried women increased less than 1 percent between 1977 and 1978, from 26.0 to 26.2 births per 1,000 unmarried women 15-44 years of age. The amount of increase during the previous year was 5.3 percent. The rates of childbearing among unmarried white and black women also changed only slightly between 1977 and 1978. The rate for white women increased 1.5 percent to 13.9 while the rate for black women declined 1.7 percent to 83.1.

The number of births to unmarried women increased for all ages 18-39 years. The increases were largest for women aged 25-29 years (12.2 percent), but were also sizable for women aged 20-24 years (10.6 percent) and for women aged 30-34 years (11.8 percent). The declines measured for women under 15 years and 15-17 years were 6.9 percent and 3.6 percent, respectively.

The rates of childbearing increased from 2.0 to 4.0 percent among unmarried women 18-29 years of age and less than 1 percent for women aged 30-34 years. Rates declined 3.0 percent for ages 15-17 years, 2.4 percent for women 35-39 years, and 8.3 percent for women 40-44 years. Birth rates for unmarried white women increased for the age groups 18-34 years and declined for ages 15-17 years and 40-44 years. The rate for white women aged 35-39 years was unchanged. Rates for unmarried black women declined for all age groups except women 20-24 and 25-29 years, for whom the increases were very small—1.4 percent and 1.6 percent, respectively.

The ratio of out-of-wedlock childbearing, defined as the number of births to unmarried women per 1,000 total live births, continued to increase in 1978, to 163.2 compared with 155.0 in 1977. The ratios increased 6.5 percent for white births (87.1) and 2.8 percent for black births (532.0).

#### Interval Since Last Live Birth

Information on the interval since the last live birth is computed from the date of the mother's last live birth, an item on the birth certificates of 47 States and the District of Columbia in 1978. There were four more States in the reporting area for this item in

1978 than in 1977. Interbirth intervals can be calculated for all second and higher order births.

More than one-fourth (27.2 percent) of all second and higher order births in 1978 occurred within 2 years of the mother's previous live birth, slightly higher than the comparable proportion for 1977 (26.3 percent). Just over half (50.4 percent) of all second and higher order births followed the mother's previous live birth by less than 3 years.

The mean interval since the last live birth was 45.3 months in 1978, just slightly shorter than the mean interval in 1977, 45.5 months. The mean interval for white births also declined in this period, from 45.2 months to 44.9 months while the mean interval for black births increased from 47.3 months to 47.7 months. The longer mean interval for black births is a reflection of the relatively greater frequency of black births at long intervals of 6 years or more.

As live-birth order advanced, an increasing proportion of the births occurred within short intervals of the previous live birth. For example, 12.4 percent of second order births followed the birth of the mother's previous child within 18 months compared with 22.2 percent of eighth and higher order births.

Black infants of all orders were more likely than white infants to be born at very short intervals after the previous child; 17.8 percent of all second and higher order black births compared with 13.0 percent of comparable white births occurred less than 18 months after the birth of the previous child.

#### 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 1978, an increase of 3 States over the 1977 reporting area. Nearly three-fourths (73.9 percent) of the women giving birth in 1978 had completed at least 12 years of school. Among fathers of the babies born in 1978, the proportion in this educational attainment category was 80.4 percent.

The educational attainment of parents has increased each year since 1969 when this infor-

mation first became available. There has been an increase in the proportion of college graduates and a concomitant decline in the proportion with 8 or fewer years of schooling. In 1969, 8.5 percent of the mothers and 16.4 percent of the fathers had completed at least 4 years of college, while 8.0 percent of the mothers and 9.9 percent of the fathers had 8 or fewer years of formal education. By 1978 the percentages of college graduates had increased to 13.1 percent for mothers and 21.6 percent for fathers, while the proportions with 0-8 years of education had declined to 5.7 percent for both mothers and fathers.

In 1978 the median years of school completed by mothers was 12.6, and by fathers, 12.8, both slightly higher than the 1977 medians.

Black parents have made substantial gains in their educational attainment in recent years. Despite these gains, however, large racial differences persist. In 1978, 76.6 percent of white births and 61.5 percent of black births were to mothers with 12 or more years of schooling. The racial differential for fathers was smaller: 81.1 percent of white births and 74.4 percent of black births were to fathers with at least a high school education.

As a result of the improvements made in educational attainment by black parents, the differences by race in median years of school completed have narrowed considerably over the years. In 1978 the median years of school completed by parents according to race were 12.6 for white mothers, 12.3 for black mothers, 12.8 for white fathers, and 12.5 for black fathers.

As would be expected, the levels of educational attainment varied widely by age of mother. Mothers aged 30-34 years had the highest median, 13.0 years, followed by mothers aged 25-29 years and 35-39 years with medians of 12.9 and 12.7 years, respectively. The medians for teenage mothers increased from 6.3 years for mothers under 15 years of age to 12.2 for mothers 19 years of age. These variations by maternal age were similar for white and black mothers. The direction of the racial differential in educational attainment, however, shifted as age of mother increased: through age 18, the median years of school

completed by black mothers was higher than that for white mothers. Thereafter, the medians for white mothers equaled or exceeded those for black mothers.

The median years of school completed generally declined as live-birth order advanced. The median was 12.6 years for mothers of first and second order births and declined to 10.6 years for mothers of eighth and higher order births.

#### Month of Pregnancy Prenatal Care Began

Information on the month of pregnancy in which prenatal care began was available from the birth certificates of 49 States and the District of Columbia in 1978, an increase of 5 States over the 1977 reporting area. Only New Mexico did not include this item on the birth certificate. The proportion of births to mothers who initially received prenatal care during the first 3 months of pregnancy continued to rise between 1977 and 1978, from 74.1 to 74.9 percent. The proportion of births to mothers receiving late care (starting in the third trimester of pregnancy) or no care in 1978 declined slightly from the previous year—5.4 percent compared with 5.6 percent in 1977.

There continues to be a large racial differential in the trimester in which prenatal care began. White mothers are more likely to make their first prenatal visit in the early months of pregnancy and are less likely to receive late or no prenatal care than are black mothers, although black mothers have made considerable gains in recent years in the proportions receiving care early in their pregnancies. In 1978, 78.2 percent of white births and 60.2 percent of black births were to mothers who began their prenatal care in the first trimester of their pregnancies. The proportions receiving late or no care were 4.5 percent for white births and 9.3 percent for black births.

The time at which prenatal care began varied considerably according to age of mother. Care was sought most promptly by mothers aged 25-29 years and 30-34 years. The proportions seeking care in the first 3 months were 83.2 percent for mothers aged 25-29 years and 82.8 percent for mothers aged 30-34 years. These mothers were similarly least likely to have

received late or no prenatal care—3.2 percent (25-29 years) and 3.3 percent (30-34 years). Very young mothers under 15 years of age were most likely to delay seeking prenatal care; only 35.6 percent obtained care in the first trimester and 19.8 percent received late or no prenatal care in 1978.

### Number of Prenatal Visits

Information on the number of prenatal visits was available from the birth certificates of 47 States and the District of Columbia in 1978, an increase of 6 States over the 1977 reporting area.

The median number of visits made for prenatal care by mothers having some prenatal care was 11.0 in 1978, a slight increase from the 1977 median of 10.9 visits. The median for white mothers was 11.2 visits in 1978, unchanged from the median for 1977. For black births the median number increased from 9.4 visits in 1977 to 9.9 visits in 1978.

As would be expected, the median number of prenatal visits is closely related to the month of pregnancy in which prenatal care began. Thus the median for mothers who began care in the first trimester of pregnancy was 12.0 visits and declined to 4.8 visits for mothers who did not begin prenatal care until the last 3 months of pregnancy. A large portion of the racial differential observed for the median number of prenatal visits is attributable to the fact that white mothers began their prenatal care earlier than black mothers. When the medians for white and black mothers who began care at the same point in their pregnancies are compared, the differences are noticeably reduced. In 1978 the median number of visits by trimester for white births was 12.1 for the first trimester, 8.9 for the second trimester, and 4.9 visits for the last trimester. For black births the medians were 10.9, 8.0, and 4.4 visits, respectively.

### Period of Gestation

Length of gestation is measured from the first day of the mother's last normal menstrual period (LMP). This information was reported by 47 States and the District of Columbia in 1978, an increase of 5 States over the 1977 reporting area.

The majority of 1978 births—82.7 percent—occurred at 37-42 weeks of gestation, about the same as for 1977 births (82.6 percent). In 1978, 8.9 percent of births occurred prematurely (less than 37 weeks gestation), slightly above the 1977 level of 8.8 percent. Black infants were more than twice as likely as white infants to be born prematurely, a differential that has been observed for many years. In 1978, 16.3 percent of black infants and 7.5 percent of white infants were born prematurely.

Birth weight is very closely associated with length of gestation. Among premature births in 1978, 40.7 percent were also of low birth weight (2,500 grams or less). The incidence of low birth weight among full-term infants was only 3.2 percent.

### Apgar Score

The Apgar score is a summary measure used to evaluate the newborn infant's overall condition at birth. The score is a composite evaluation of the infant's heart rate, respiratory effort, muscle tone, reflex irritability, and color. An appropriate numerical value of 0, 1, or 2 is assigned to each of these factors, and the sum of the five values is the overall score; a score of 10 is optimum. The score is generally recorded at 1 and 5 minutes after birth. Various studies have shown a significant relationship between the Apgar scores and birth weight, neonatal mortality, and infant neurological morbidity. In 1978, 39 States reported the 1-minute score and 38 States and the District of Columbia reported the 5-minute score.

In 1978 nearly half (49.0 percent) of the newborn infants had 1-minute Apgar scores of 9-10. An additional 41.8 percent of the 1-minute scores were 7-8. The 1-minute scores of 0-3, considered to indicate a severely depressed status, were assigned to 2.2 percent of the infants. The 5-minute scores showed considerable gains over the 1-minute scores. Scores of 9-10 were given to 88.6 percent of the infants, and scores of 7-8 were assigned to 9.3 percent of the infants. Less than 1 percent of the 5-minute scores were in the 0-3 range.

High scores of 9-10 were assigned to approximately the same proportions of black and white births at 1 minute; at 5 minutes there



was a slightly higher proportion of white than of black births receiving high scores. Black infants were about twice as likely to receive very low scores at 1 minute and 5 minutes. The proportionally greater incidence of low Apgar scores among black infants is probably associated with the fact that black infants are also twice as likely as white infants to be of low birth weight; low birth weight is very closely associated with unfavorable Apgar scores.

There is a definite pattern of generally improved Apgar scores at 5 minutes compared with the 1-minute scores. Thus 26.5 percent of

the infants with 1-minute scores of 0-3 had 5-minute scores in this range, but 33.6 percent of these infants' 5-minute scores increased to the 4-6 range and 28.3 percent increased to the 7-8 range. Similarly, among infants receiving 1-minute scores of 7-8, 88.1 percent were assigned 5-minute scores of 9-10. These patterns were observed for both white and black infants, although black infants with low 1-minute scores were less likely than white infants to show improvement at 5 minutes, probably because of the sustained impact of their lower birth weights.

### SOURCES OF DATA

Data shown in this report for 1978 are based on 100 percent of the birth certificates of 36 States which provided data through the Cooperative Health Statistics System. Data from the remaining areas (Arizona, Arkansas, California, Connecticut, Delaware, the District of Columbia, Georgia, Hawaii, Mississippi, New Jersey, New Mexico, North Dakota, Pennsylvania, South Dakota, and Wyoming) are based on a 50-percent sample of birth certificates filed in those areas.

Beginning with January 1978 a revised Standard Certificate of Live Birth was recommended by the National Center for Health Statistics, replacing the 1968 revision. Most States have adopted this revision or a close approximation to it, modified to meet their needs and requirements. Although there are a

number of changes in wording and format in the 1978 revision, the major addition is an item asking for the infant's Apgar scores at 1 and 5 minutes after birth. In addition, several items which were introduced in the 1968 revision but had not been adopted by all States have been included by more States beginning in 1978. The reporting areas for marital status of mother, interval since last live birth, educational attainment of parents, month of pregnancy prenatal care began, number of prenatal visits, and period of gestation have been enlarged by several States as noted in the text. Although the trend data for 1977 and 1978 presented in this report for these items are based on different reporting areas, it is believed that these year-to-year comparisons can be usefully made.

#### SYMBOLS

Data not available-----	---
Category not applicable-----	...
Quantity zero-----	-
Quantity more than 0 but less than 0.05-----	0.0
Figure does not meet standards of reliability or precision-----	*

This report presents summary tabulations from the final natality statistics for 1978. More detailed tabulations for 1978 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.

## MONTHLY VITAL STATISTICS REPORT

Table 1. LIVE BIRTHS, BIRTH RATES, AND FERTILITY RATES, BY RACE: UNITED STATES, 1970-78

[Birth rates per 1,000 population in specified group. Fertility rates per 1,000 women aged 15-44 years in specified group. Populations enumerated as of April 1 for 1970 and estimated as of July 1 for all other years. 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
1978 <sup>1</sup> .....	3,333,279	2,681,116	652,163	551,540	15.3	14.2	22.1	21.6	66.6	62.7	89.3	88.6
1977 <sup>1</sup> .....	3,326,632	2,691,070	635,562	544,221	15.4	14.4	21.9	21.7	67.8	64.0	89.9	89.8
1976 <sup>1</sup> .....	3,167,788	2,567,614	600,174	514,479	14.8	13.8	21.1	20.8	65.8	62.2	87.6	87.2
1975 <sup>1</sup> .....	3,144,198	2,551,996	592,202	511,581	14.8	13.8	21.2	20.9	66.7	63.0	89.3	89.2
1974 <sup>1</sup> .....	3,159,958	2,575,792	584,166	507,162	14.9	14.0	21.4	21.0	68.4	64.7	91.0	90.8
1973 <sup>1</sup> .....	3,136,965	2,551,030	585,935	512,597	14.9	13.9	21.9	21.5	69.2	65.3	94.3	94.3
1972 <sup>1</sup> .....	3,258,411	2,655,558	602,853	531,329	15.6	14.6	22.9	22.6	73.4	69.2	100.3	100.5
1971 <sup>2</sup> .....	3,555,970	2,919,746	636,224	564,960	17.2	16.2	24.7	24.5	81.8	77.5	109.5	110.1
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

<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 Sources of Data.

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

# MONTHLY VITAL STATISTICS REPORT

**Table 2. LIVE BIRTHS BY AGE OF MOTHER, LIVE-BIRTH ORDER, AND RACE: UNITED STATES, 1978**

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data. Live-birth order refers to number of children born alive to mothers. Figures for age of mother not stated are distributed]

Live-birth order and race	Total	Age of mother												
		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
All races.....	3,333,279	10,772	543,407	28,863	64,923	108,875	151,555	189,191	1,139,524	1,015,183	474,318	126,196	22,627	1,252
First child.....	1,401,491	10,203	418,711	26,926	58,005	90,423	114,337	129,020	545,778	322,587	88,091	14,290	1,751	80
Second child.....	1,062,225	292	100,247	1,377	5,606	15,355	30,361	47,548	404,882	379,258	150,846	24,199	2,442	59
Third child.....	496,592	25	15,505	61	369	1,547	4,425	9,103	134,564	197,150	119,438	26,960	2,863	87
Fourth child.....	189,997	3	1,954	7	28	130	485	1,304	33,730	70,351	59,410	21,290	3,141	118
Fifth child.....	76,518	-	216	-	3	11	45	157	7,956	23,634	27,204	14,354	3,026	128
Sixth child.....	34,764	-	18	-	-	1	6	11	1,816	8,310	12,921	9,155	2,421	123
Seventh child.....	17,826	-	7	-	-	-	4	3	396	3,071	6,355	5,964	1,915	118
Eighth child and over.....	22,407	-	30	-	-	-	20	10	259	1,777	5,934	8,952	4,923	532
Not stated.....	31,459	249	6,719	492	912	1,408	1,872	2,035	10,143	9,045	4,119	1,032	145	7
White.....	2,681,116	4,512	380,060	15,756	40,776	74,425	108,074	141,029	914,772	860,209	401,221	101,880	17,521	941
First child.....	1,143,073	4,361	302,975	15,079	37,536	64,252	85,211	100,897	461,890	284,299	76,270	11,784	1,429	65
Second child.....	871,320	84	64,469	495	2,666	8,707	19,440	33,161	325,088	329,223	130,619	19,869	1,924	44
Third child.....	394,446	16	7,907	17	136	646	2,080	5,028	95,257	163,324	103,067	22,512	2,287	76
Fourth child.....	143,029	-	787	2	7	53	172	553	19,715	52,688	49,358	17,816	2,568	97
Fifth child.....	55,117	-	67	-	1	5	16	45	3,992	15,663	21,145	11,661	2,482	107
Sixth child.....	24,226	-	9	-	-	-	3	6	802	4,982	9,324	7,093	1,919	97
Seventh child.....	12,099	-	2	-	-	-	2	-	163	1,643	4,334	4,449	1,406	102
Eighth child and over.....	14,286	-	22	-	-	-	16	6	151	874	3,635	5,860	3,393	351
Not stated.....	23,520	51	3,822	163	430	762	1,134	1,333	7,714	7,513	3,469	836	113	2
All other.....	652,163	6,260	163,347	13,107	24,147	34,450	43,481	48,162	224,752	154,974	73,097	24,316	5,106	311
First child.....	258,418	5,842	115,736	11,847	20,469	26,171	29,126	28,123	83,888	38,288	11,821	2,506	322	15
Second child.....	190,905	208	35,778	882	2,940	6,648	10,921	14,387	79,794	50,035	20,227	4,330	518	15
Third child.....	102,146	9	7,598	44	233	901	2,345	4,075	39,307	33,826	16,371	4,448	576	11
Fourth child.....	46,968	3	1,167	5	21	77	313	751	14,015	17,663	10,052	3,474	573	21
Fifth child.....	21,401	-	149	-	2	6	29	112	3,964	7,971	6,059	2,693	544	21
Sixth child.....	10,538	-	9	-	-	1	3	5	1,014	3,328	3,597	2,062	502	26
Seventh child.....	5,727	-	5	-	-	-	2	3	233	1,428	2,021	1,515	509	16
Eighth child and over.....	8,121	-	8	-	-	-	4	4	108	903	2,299	3,092	1,530	181
Not stated.....	7,939	198	2,897	329	482	646	738	702	2,429	1,532	650	196	32	5
Black.....	551,540	6,068	151,001	12,525	22,754	32,038	39,933	43,751	196,731	121,613	53,491	18,340	4,048	248
First child.....	216,446	5,662	106,299	11,294	19,206	24,193	26,458	25,148	70,499	25,298	6,937	1,542	201	8
Second child.....	159,270	200	33,302	856	2,824	6,267	10,153	13,202	70,353	39,099	13,238	2,712	356	10
Third child.....	87,404	9	7,273	44	229	864	2,259	3,877	35,714	28,450	12,397	3,136	416	9
Fourth child.....	40,996	3	1,122	5	21	72	303	721	12,938	15,368	8,350	2,750	444	21
Fifth child.....	18,801	-	145	-	2	6	27	110	3,702	7,030	5,179	2,277	448	20
Sixth child.....	9,258	-	9	-	-	1	3	5	959	2,975	3,101	1,767	427	20
Seventh child.....	5,019	-	5	-	-	-	2	3	225	1,288	1,755	1,305	429	12
Eighth child and over.....	7,115	-	7	-	-	-	4	3	101	833	2,025	2,703	1,303	143
Not stated.....	7,231	194	2,839	326	472	635	724	682	2,240	1,272	509	148	24	5

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Table 3. BIRTH RATES BY AGE OF MOTHER, LIVE-BIRTH ORDER, AND RACE: UNITED STATES, 1978

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data. Rates are live births per 1,000 women in specified age and racial groups. Live-birth order refers to number of children born alive to mother. Figures for age of mother and live-birth order not stated are distributed]

Live-birth order and race	15-44 years <sup>1</sup>	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						
All races .....	66.6	1.2	52.4	32.9	81.0	112.3	112.0	59.1	18.9	3.9	0.2
First child .....	28.3	1.1	40.9	28.9	58.5	54.3	35.9	11.1	2.2	0.3	0.0
Second child .....	21.4	0.0	9.8	3.7	18.7	40.3	42.2	19.0	3.7	0.4	0.0
Third child .....	10.0	0.0	1.5	0.3	3.3	13.4	22.0	15.0	4.1	0.5	0.0
Fourth child .....	3.8	0.0	0.2	0.0	0.4	3.4	7.8	7.5	3.2	0.5	0.0
Fifth child .....	1.5	-	0.0	0.0	0.0	0.8	2.6	3.4	2.2	0.5	0.0
Sixth and seventh child .....	1.1	-	0.0	0.0	0.0	0.2	1.3	2.4	2.3	0.8	0.0
Eighth child and over .....	0.5	-	0.0	-	0.0	0.0	0.2	0.7	1.4	0.9	0.1
White .....	62.7	0.6	43.6	25.4	70.1	106.3	111.1	57.9	17.6	3.5	0.2
First child .....	27.0	0.6	35.1	22.9	52.9	54.2	37.0	11.1	2.1	0.3	0.0
Second child .....	20.5	0.0	7.5	2.3	14.9	38.1	42.9	19.0	3.5	0.4	0.0
Third child .....	9.3	0.0	0.9	0.2	2.0	11.2	21.3	15.0	3.9	0.5	0.0
Fourth child .....	3.4	-	0.1	0.0	0.2	2.3	6.9	7.2	3.1	0.5	0.0
Fifth child .....	1.3	-	0.0	0.0	0.0	0.5	2.0	3.1	2.0	0.5	0.0
Sixth and seventh child .....	0.9	-	0.0	-	0.0	0.1	0.9	2.0	2.0	0.7	0.0
Eighth child and over .....	0.3	-	0.0	-	0.0	0.0	0.1	0.5	1.0	0.7	0.1
All other .....	89.3	4.1	99.1	72.3	139.9	145.7	117.3	66.7	27.0	6.5	0.4
First child .....	35.9	3.9	71.5	60.2	88.8	55.0	29.3	10.9	2.8	0.4	0.0
Second child .....	26.5	0.1	22.1	10.8	39.3	52.3	38.3	18.6	4.8	0.7	0.0
Third child .....	14.1	0.0	4.7	1.2	10.0	25.8	25.9	15.1	5.0	0.7	0.0
Fourth child .....	6.5	0.0	0.7	0.1	1.7	9.2	13.5	9.3	3.9	0.7	0.0
Fifth child .....	3.0	-	0.1	0.0	0.2	2.6	6.1	5.6	3.0	0.7	0.0
Sixth and seventh child .....	2.2	-	0.0	0.0	0.0	0.8	3.6	5.2	4.0	1.3	0.1
Eighth child and over .....	1.1	-	0.0	-	0.0	0.1	0.7	2.1	3.5	1.9	0.2
Black .....	88.6	4.4	103.7	76.6	145.0	147.5	110.6	59.6	24.0	6.0	0.4
First child .....	35.3	4.3	74.4	63.6	91.0	53.5	23.2	7.8	2.0	0.3	0.0
Second child .....	25.9	0.2	23.3	11.6	41.2	53.3	35.9	14.9	3.6	0.5	0.0
Third child .....	14.2	0.0	5.1	1.3	10.8	27.1	26.1	14.0	4.1	0.6	0.0
Fourth child .....	6.7	0.0	0.8	0.1	1.8	9.8	14.1	9.4	3.6	0.7	0.0
Fifth child .....	3.1	-	0.1	0.0	0.2	2.8	6.5	5.8	3.0	0.7	0.0
Sixth and seventh child .....	2.3	-	0.0	0.0	0.0	0.9	3.9	5.5	4.0	1.3	0.1
Eighth child and over .....	1.2	-	0.0	-	0.0	0.1	0.8	2.3	3.6	2.0	0.2

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

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Table 4. TOTAL FERTILITY RATES AND BIRTH RATES BY AGE OF MOTHER, BY RACE: UNITED STATES, 1970-78

[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 estimated as of July 1 for all other years. Figures for age of mother not stated are distributed. Excludes births to nonresidents of the United States]

Year and race	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>											
1978 <sup>1</sup> .....	1,800.2	1.2	52.4	32.9	81.0	112.3	112.0	59.1	18.9	3.9	0.2
1977 <sup>1</sup> .....	1,826.3	1.2	53.7	34.5	81.9	115.2	114.2	57.5	19.2	4.2	0.2
1976 <sup>1</sup> .....	1,768.2	1.2	53.5	34.6	81.3	112.1	108.8	54.5	19.0	4.3	0.2
1975 <sup>1</sup> .....	1,799.0	1.3	56.3	36.6	85.7	114.7	110.3	53.1	19.4	4.6	0.3
1974 <sup>1</sup> .....	1,856.6	1.2	58.1	37.7	89.3	119.0	113.3	54.4	20.2	4.8	0.3
1973 <sup>1</sup> .....	1,895.6	1.3	59.7	38.9	91.8	120.7	113.6	56.1	22.0	5.4	0.3
1972 <sup>1</sup> .....	2,021.9	1.2	62.0	39.2	97.3	131.0	118.7	60.2	24.8	6.2	0.4
1971 <sup>2</sup> .....	2,274.6	1.1	64.7	38.3	105.6	150.6	134.8	67.6	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>											
1978 <sup>1</sup> .....	1,704.2	0.6	43.6	25.4	70.1	106.3	111.1	57.9	17.6	3.5	0.2
1977 <sup>1</sup> .....	1,734.8	0.6	44.6	26.5	71.1	109.8	113.8	56.3	17.8	3.8	0.2
1976 <sup>1</sup> .....	1,679.0	0.6	44.6	26.7	70.7	107.0	108.4	53.5	17.7	3.8	0.2
1975 <sup>1</sup> .....	1,708.2	0.6	46.8	28.3	74.4	109.7	110.0	52.1	18.1	4.1	0.2
1974 <sup>1</sup> .....	1,767.5	0.6	48.3	29.0	77.7	114.2	113.5	53.5	18.9	4.4	0.2
1973 <sup>1</sup> .....	1,798.3	0.6	49.3	29.5	79.6	115.4	113.7	54.9	20.7	4.9	0.3
1972 <sup>1</sup> .....	1,918.2	0.5	51.2	29.4	84.5	125.6	118.4	58.8	23.3	5.6	0.3
1971 <sup>2</sup> .....	2,168.4	0.5	53.8	28.6	92.4	145.4	134.6	65.7	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>											
1978 <sup>1</sup> .....	2,333.3	4.1	99.1	72.3	139.9	145.7	117.3	66.7	27.0	6.5	0.4
1977 <sup>1</sup> .....	2,342.7	4.3	102.4	76.6	141.9	145.7	116.5	64.8	27.5	6.9	0.5
1976 <sup>1</sup> .....	2,276.2	4.3	102.4	77.1	141.5	141.7	111.6	60.7	27.0	7.0	0.5
1975 <sup>1</sup> .....	2,321.6	4.7	108.6	82.0	150.1	143.5	112.1	59.7	27.6	7.6	0.5
1974 <sup>1</sup> .....	2,376.8	4.7	113.3	86.2	156.4	147.4	112.3	60.7	28.9	7.6	0.5
1973 <sup>1</sup> .....	2,473.6	5.0	119.1	91.6	163.7	153.2	113.3	63.9	31.0	8.7	0.6
1972 <sup>1</sup> .....	2,650.5	4.7	125.0	94.5	175.2	164.5	120.9	69.4	34.9	10.0	0.7
1971 <sup>2</sup> .....	2,932.8	4.7	129.2	94.3	187.0	184.6	135.7	79.6	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
<b>BLACK</b>											
1978 <sup>1</sup> .....	2,280.9	4.4	103.7	76.6	145.0	147.5	110.6	59.6	24.0	6.0	0.4
1977 <sup>1</sup> .....	2,308.7	4.7	107.3	81.2	147.6	147.7	111.1	58.8	25.1	6.6	0.5
1976 <sup>1</sup> .....	2,235.3	4.7	107.0	81.5	146.8	143.4	105.5	54.7	24.6	6.8	0.5
1975 <sup>1</sup> .....	2,284.0	5.1	113.8	86.6	156.0	145.1	105.4	54.1	25.4	7.5	0.5
1974 <sup>1</sup> .....	2,332.5	5.0	118.3	91.0	162.0	148.7	104.8	54.8	26.8	7.5	0.6
1973 <sup>1</sup> .....	2,437.0	5.4	124.5	96.8	169.5	154.6	105.9	58.6	29.2	8.6	0.6
1972 <sup>1</sup> .....	2,621.2	5.1	130.8	99.9	181.7	166.2	113.9	64.6	33.2	9.8	0.7
1971 <sup>2</sup> .....	2,913.6	5.1	135.1	99.7	193.8	187.3	129.0	75.1	38.8	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 Sources of Data.

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

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Table 5. BIRTH RATES BY LIVE-BIRTH ORDER AND RACE: UNITED STATES, 1970-78

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

Year and race	Total	Live-birth order						
		1	2	3	4	5	6 and 7	8 and over
<b>ALL RACES</b>								
1978 <sup>1</sup> .....	66.6	28.3	21.4	10.0	3.8	1.5	1.1	0.5
1977 <sup>1</sup> .....	67.8	28.6	21.9	10.1	3.9	1.6	1.2	0.5
1976 <sup>1</sup> .....	65.8	27.9	21.1	9.6	3.8	1.7	1.2	0.6
1975 <sup>1</sup> .....	66.7	28.4	21.2	9.5	3.9	1.8	1.4	0.7
1974 <sup>1</sup> .....	68.4	28.9	21.5	9.6	4.2	1.9	1.5	0.8
1973 <sup>1</sup> .....	69.2	28.8	21.1	9.8	4.6	2.2	1.8	0.9
1972 <sup>1</sup> .....	73.4	29.9	21.5	10.7	5.3	2.7	2.2	1.2
1971 <sup>2</sup> .....	81.8	32.1	23.1	12.5	6.4	3.3	2.8	1.5
1970 <sup>2</sup> .....	87.9	34.2	24.2	13.6	7.2	3.8	3.2	1.8
<b>WHITE</b>								
1978 <sup>1</sup> .....	62.7	27.0	20.5	9.3	3.4	1.3	0.9	0.3
1977 <sup>1</sup> .....	64.0	27.3	21.1	9.5	3.5	1.4	0.9	0.4
1976 <sup>1</sup> .....	62.2	26.5	20.4	9.0	3.4	1.4	1.0	0.4
1975 <sup>1</sup> .....	63.0	26.9	20.5	8.9	3.6	1.5	1.1	0.5
1974 <sup>1</sup> .....	64.7	27.4	21.0	9.0	3.8	1.7	1.2	0.6
1973 <sup>1</sup> .....	65.3	27.2	20.5	9.3	4.2	2.0	1.5	0.7
1972 <sup>1</sup> .....	69.2	28.2	21.0	10.2	4.9	2.3	1.8	0.8
1971 <sup>2</sup> .....	77.5	30.6	22.6	12.0	6.0	3.0	2.3	1.0
1970 <sup>2</sup> .....	84.1	32.9	23.7	13.3	6.8	3.4	2.7	1.2
<b>ALL OTHER</b>								
1978 <sup>1</sup> .....	89.3	35.9	26.5	14.1	6.5	3.0	2.2	1.1
1977 <sup>1</sup> .....	89.9	36.4	26.4	13.9	6.4	3.1	2.4	1.4
1976 <sup>1</sup> .....	87.6	35.9	25.3	13.1	6.2	3.0	2.5	1.5
1975 <sup>1</sup> .....	89.3	37.3	25.1	12.8	6.2	3.2	2.8	1.8
1974 <sup>1</sup> .....	91.0	38.2	25.1	12.7	6.4	3.3	3.2	2.1
1973 <sup>1</sup> .....	94.3	39.2	24.7	13.1	6.9	3.9	3.8	2.7
1972 <sup>1</sup> .....	100.3	40.9	25.2	13.8	7.8	4.6	4.6	3.4
1971 <sup>2</sup> .....	109.5	41.8	26.9	15.6	9.1	5.6	6.0	4.6
1970 <sup>2</sup> .....	113.0	42.4	26.9	15.9	9.7	6.1	6.7	5.3
<b>BLACK</b>								
1978 <sup>1</sup> .....	88.6	35.3	25.9	14.2	6.7	3.1	2.3	1.2
1977 <sup>1</sup> .....	89.8	36.3	26.0	13.9	6.5	3.1	2.5	1.4
1976 <sup>1</sup> .....	87.2	35.8	24.8	13.1	6.3	3.1	2.6	1.6
1975 <sup>1</sup> .....	89.2	37.4	24.6	12.8	6.3	3.3	2.9	1.9
1974 <sup>1</sup> .....	90.8	38.1	24.4	12.7	6.5	3.4	3.3	2.2
1973 <sup>1</sup> .....	94.3	39.2	24.1	13.1	7.1	4.0	3.9	2.8
1972 <sup>1</sup> .....	100.5	40.9	24.8	13.7	7.9	4.8	4.8	3.6
1971 <sup>2</sup> .....	110.1	41.8	26.7	15.6	9.2	5.7	6.2	4.8
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 Sources of Data.

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

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Table 6. LIVE BIRTHS BY RACE AND BIRTH RATES: UNITED STATES, EACH DIVISION AND STATE, 1978

[By place of residence. Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data. Rates per 1,000 estimated population in each area]

Division and State	Number			Birth rate	Division and State	Number			Birth rate
	All races <sup>1</sup>	White	Black			All races <sup>1</sup>	White	Black	
United States .....	3,333,279	2,681,116	551,540	15.3	South Atlantic—Con.				
New England .....	152,869	140,430	10,403	12.5	Virginia.....	73,443	54,485	17,473	14.2
Maine.....	15,847	15,569	91	14.5	West Virginia.....	29,280	27,942	1,206	15.7
New Hampshire.....	12,429	12,239	85	14.3	North Carolina.....	82,442	55,552	24,785	14.8
Vermont.....	7,120	7,061	25	14.6	South Carolina.....	49,671	29,125	20,135	17.1
Massachusetts.....	68,657	62,844	4,823	11.9	Georgia.....	84,140	52,717	30,458	16.6
Rhode Island.....	11,522	10,560	738	12.4	Florida.....	113,343	81,640	30,374	13.1
Connecticut.....	37,294	32,157	4,641	12.0	East South Central.....	228,567	164,273	62,858	16.4
Middle Atlantic.....	479,737	383,386	88,118	13.0	Kentucky.....	57,334	51,576	5,336	16.4
New York.....	233,954	179,877	48,876	13.2	Tennessee.....	66,607	51,291	14,892	15.4
New Jersey.....	93,535	72,617	19,236	12.8	Alabama.....	60,227	38,753	21,223	16.2
Pennsylvania.....	152,248	130,892	20,006	12.9	Mississippi.....	44,399	22,653	21,407	18.4
East North Central.....	626,788	522,284	96,045	15.2	West South Central.....	392,578	306,838	77,460	17.8
Ohio.....	160,863	137,024	22,420	15.0	Arkansas.....	34,793	25,682	8,843	16.1
Indiana.....	83,598	74,088	8,930	15.5	Louisiana.....	74,928	45,192	28,955	18.8
Illinois.....	174,509	133,544	37,521	15.5	Oklahoma.....	45,905	36,757	4,643	16.1
Michigan.....	139,149	114,232	23,039	15.2	Texas.....	236,952	199,207	35,019	18.2
Wisconsin.....	68,669	63,396	4,135	14.7	Mountain.....	202,546	182,383	6,405	19.5
West North Central.....	264,854	240,581	17,830	15.5	Montana.....	13,545	12,104	55	17.4
Minnesota.....	61,993	58,980	1,384	15.4	Idaho.....	19,391	18,853	81	22.0
Iowa.....	44,584	43,105	1,023	15.3	Wyoming.....	8,661	8,144	87	20.4
Missouri.....	72,892	60,981	11,181	15.0	Colorado.....	44,107	40,960	2,044	16.3
North Dakota.....	11,299	10,424	84	17.3	New Mexico.....	23,932	19,569	860	19.7
South Dakota.....	12,239	10,631	60	17.7	Arizona.....	43,112	36,021	1,868	18.2
Nebraska.....	25,112	23,438	1,140	16.0	Utah.....	38,808	37,489	217	29.5
Kansas.....	36,735	33,022	2,958	15.7	Nevada.....	10,990	9,243	1,193	16.5
South Atlantic.....	505,716	347,435	150,415	14.6	Pacific.....	479,624	393,506	42,006	16.1
Delaware.....	8,685	6,488	2,138	14.9	Washington.....	58,726	52,810	2,364	15.5
Maryland.....	55,329	38,071	15,998	13.3	Oregon.....	38,974	36,652	946	15.9
District of Columbia.....	9,383	1,415	7,848	14.0	California.....	356,310	293,495	37,894	16.0
					Alaska.....	8,861	6,280	392	21.6
					Hawaii.....	16,753	4,269	410	18.6

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

Table 7. LIVE BIRTHS BY SEX AND SEX RATIO, BY RACE: UNITED STATES, 1970-78

[Excludes births to nonresidents of the United States]

Year	All races			White			All other					
	Male	Female	Males per 1,000 females	Male	Female	Males per 1,000 females	Total			Black		
							Male	Female	Males per 1,000 females	Male	Female	Males per 1,000 females
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 Sources of Data.

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

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Table 8. LIVE BIRTHS BY RACE AND OBSERVED AND SEASONALLY ADJUSTED BIRTH AND FERTILITY RATES, BY MONTH: UNITED STATES, 1978

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data. 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 .....	3,333,279	2,681,116	652,163	551,540	15.3	66.6	...	...
January .....	270,695	216,408	54,287	45,943	14.7	64.2	15.1	66.3
February .....	249,898	201,119	48,779	41,488	15.0	65.5	15.2	66.3
March .....	276,584	224,424	52,160	43,799	15.0	65.4	15.2	66.4
April .....	254,585	207,774	46,811	39,080	14.2	62.1	14.9	65.1
May .....	270,818	220,461	50,357	41,971	14.6	63.9	15.2	66.4
June .....	270,704	218,036	52,668	44,525	15.1	65.9	15.2	66.4
July .....	294,704	235,619	59,085	50,502	15.9	69.3	15.3	66.8
August .....	302,805	241,672	61,133	52,242	16.3	71.1	15.5	67.3
September .....	293,903	235,993	57,910	49,122	16.4	71.2	15.3	66.5
October .....	288,965	232,718	56,247	47,510	15.6	67.6	15.3	66.7
November .....	274,679	220,019	54,660	46,056	15.3	66.3	15.5	67.2
December .....	284,939	226,873	58,066	49,302	15.3	66.4	15.5	67.4

Table 9. LIVE BIRTHS BY ATTENDANT AND PLACE OF DELIVERY, BY RACE: UNITED STATES, 1978

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

Place of delivery and race	Total	Physician	Midwife	Other	Unspecified
All races <sup>1</sup> .....	3,333,279	3,233,483	46,060	21,888	31,848
In hospital .....	3,300,659	3,221,677	36,282	12,721	29,979
Not in hospital .....	31,350	11,117	9,674	8,923	1,636
Not specified .....	1,270	689	104	244	233
White .....	2,681,116	2,607,591	30,052	18,011	25,462
In hospital .....	2,654,703	2,598,455	22,319	9,952	23,977
Not in hospital .....	25,437	8,633	7,676	7,847	1,281
Not specified .....	976	503	57	212	204
Black .....	551,540	530,186	13,473	2,700	5,181
In hospital .....	546,191	527,861	11,549	1,875	4,906
Not in hospital .....	5,234	2,275	1,897	806	256
Not specified .....	115	50	27	19	19

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



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Table 10. LIVE BIRTHS BY AGE OF FATHER, AGE OF MOTHER, AND RACE: UNITED STATES, 1978

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data. Figures for age of mother not stated are distributed]

Age of mother and race	Total	Age of father										
		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	Not stated
All races <sup>1</sup> .....	3,333,279	196	134,101	763,688	1,010,166	653,150	245,244	83,856	29,741	11,237	6,104	395,796
Under 15 years .....	10,772	84	2,166	763	138	46	14	8	2	-	2	7,549
15-19 years .....	543,407	82	111,421	205,994	37,908	8,457	2,440	836	324	172	99	175,674
20-24 years .....	1,139,524	13	19,156	492,310	385,165	79,735	19,499	6,112	2,147	956	609	133,822
25-29 years .....	1,015,183	14	1,121	57,528	529,677	297,967	56,057	14,524	5,051	1,966	1,164	50,114
30-34 years .....	474,318	2	200	6,081	51,982	247,439	110,838	25,349	8,139	3,172	1,577	19,539
35-39 years .....	126,196	1	30	892	4,847	18,274	53,426	28,361	8,370	3,079	1,649	7,267
40-44 years .....	22,627	-	7	115	427	1,201	2,909	8,527	5,188	1,646	886	1,721
45-49 years .....	1,252	-	-	5	22	31	61	139	520	246	118	110
White .....	2,681,116	95	108,172	645,495	878,362	566,446	204,413	66,689	23,211	8,517	4,238	175,478
Under 15 years .....	4,512	23	1,173	579	97	37	9	4	2	-	1	2,587
15-19 years .....	380,060	51	89,674	169,798	30,732	6,668	1,878	601	261	118	73	80,206
20-24 years .....	914,772	13	16,170	421,500	330,617	65,951	15,412	4,542	1,616	686	396	57,869
25-29 years .....	860,209	5	943	47,818	468,724	258,917	45,270	11,029	3,747	1,433	770	21,553
30-34 years .....	401,221	2	178	4,946	43,953	218,886	94,236	20,148	6,337	2,443	1,108	8,984
35-39 years .....	101,880	1	30	750	3,897	15,020	45,241	23,287	6,669	2,374	1,192	3,419
40-44 years .....	17,521	-	4	99	327	941	2,319	6,957	4,162	1,278	616	818
45-49 years .....	941	-	-	5	15	26	48	121	417	185	82	42
Black .....	551,540	91	22,730	100,902	104,889	61,888	29,145	12,788	5,129	2,170	1,378	210,430
Under 15 years .....	6,068	61	948	171	39	8	5	4	-	-	1	4,831
15-19 years .....	151,001	24	19,256	31,930	6,000	1,452	468	218	57	41	22	91,533
20-24 years .....	196,731	-	2,393	60,610	45,239	10,547	3,268	1,323	469	221	160	72,501
25-29 years .....	121,613	6	114	7,339	47,230	27,769	7,651	2,647	1,047	442	284	27,084
30-34 years .....	53,491	-	18	747	5,659	19,775	11,382	3,648	1,382	589	346	9,945
35-39 years .....	18,340	-	-	96	652	2,161	5,925	3,724	1,286	551	330	3,615
40-44 years .....	4,048	-	1	9	63	172	437	1,208	807	282	212	857
45-49 years .....	248	-	-	-	7	4	9	16	81	44	23	64

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

TABLE 11. BIRTH RATES BY AGE OF FATHER: UNITED STATES, 1970-78

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

Year	15-54 years <sup>1</sup>	Age of father									
		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	
1978 <sup>3</sup> .....	55.0	18.5	91.9	124.5	88.8	41.2	16.4	5.8	2.1	0.3	
1977 <sup>3</sup> .....	55.7	19.5	94.9	128.3	87.8	41.4	16.6	6.0	2.2	0.3	
1976 <sup>3</sup> .....	53.8	19.7	93.9	123.7	84.1	40.0	16.3	6.0	2.1	0.3	
1975 <sup>3</sup> .....	54.4	21.1	97.8	126.6	82.7	40.1	16.6	6.1	2.1	0.4	
1974 <sup>3</sup> .....	55.5	21.9	102.8	131.3	84.9	40.8	16.8	6.2	2.2	0.4	
1973 <sup>3</sup> .....	56.1	22.5	105.6	132.2	86.8	42.5	17.9	6.6	2.2	0.4	
1972 <sup>3</sup> .....	59.4	23.3	114.3	139.6	92.4	46.6	19.9	7.3	2.5	0.4	
1971 <sup>4</sup> .....	66.3	23.7	130.7	161.5	104.1	53.1	22.7	8.1	2.8	0.5	
1970 <sup>4</sup> .....	71.5	25.6	146.6	175.0	112.3	57.6	24.9	9.1	3.1	0.6	

<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 Sources of Data.

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

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Table 12. PERCENT LOW BIRTH WEIGHT AND LIVE BIRTHS BY BIRTH WEIGHT, BY AGE OF MOTHER AND RACE: UNITED STATES, 1978

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data. Figures for age of mother not stated are distributed]

Table with columns for Age of mother and race, Percent low birth weight, Total, Birth weight (500 grams or less to 5,001 grams or more), and Not stated. Rows include All races, White, All other, Black, and various age groups.

1Equivalents of the gram weight in terms of pounds and ounces are as follows:

- 500 grams or less = 1 lb 1 oz or less
501-1,000 grams = 1 lb 2 oz - 2 lb 3 oz
1,001-1,500 grams = 2 lb 4 oz - 3 lb 4 oz
1,501-2,000 grams = 3 lb 5 oz - 4 lb 6 oz
2,001-2,500 grams = 4 lb 7 oz - 5 lb 8 oz
2,501-3,000 grams = 5 lb 9 oz - 6 lb 9 oz
3,001-3,500 grams = 6 lb 10 oz - 7 lb 11 oz
3,501-4,000 grams = 7 lb 12 oz - 8 lb 13 oz
4,001-4,500 grams = 8 lb 14 oz - 9 lb 14 oz
4,501-5,000 grams = 9 lb 15 oz - 11 lb 0 oz
5,001 grams or more = 11 lb 1 oz or more

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Table 13. ESTIMATED NUMBERS, RATES, AND RATIOS OF BIRTHS TO UNMARRIED WOMEN, BY AGE OF MOTHER AND RACE: UNITED STATES, 1978

[National estimates based on births occurring in 39 States and the District of Columbia which require reporting of marital status. Based on 100 percent of births in selected reporting States and on a 50-percent sample of births in all other reporting States; see Sources of Data. Figures for age of mother not stated are distributed]

Age of mother	Number <sup>1</sup>				Rates 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.....	543,900	233,600	310,200	293,400	<sup>2</sup> 26.2	<sup>2</sup> 13.9	<sup>2</sup> 78.7	<sup>2</sup> 83.1	163.2	87.1	475.6	532.0
Under 15 years.....	9,400	3,300	6,100	5,900	---	---	---	---	872.6	731.4	974.4	972.3
15-19 years.....	239,700	108,500	131,200	125,200	25.4	13.8	83.9	90.3	441.1	285.5	803.2	829.1
15 years.....	21,400	8,900	12,500	12,000	19.5	10.5	64.9	70.3	741.4	564.9	953.7	958.1
16 years.....	40,200	18,200	22,100	21,100					619.2	446.3	915.2	927.3
17 years.....	54,900	25,400	29,400	28,100	35.7	19.5	116.3	124.3	504.2	341.3	853.4	877.1
18 years.....	62,200	28,300	33,900	32,300					410.4	261.9	779.7	808.9
19 years.....	61,000	27,600	33,400	31,700	36.1	18.5	107.6	114.2	322.4	195.7	693.5	724.6
20-24 years.....	186,500	77,000	109,500	103,500					163.7	84.2	487.2	526.1
25-29 years.....	70,000	28,300	41,800	38,900	29.4	15.2	80.1	83.5	69.0	32.9	269.7	319.9
30-34 years.....	26,500	11,400	15,200	14,000	17.3	9.6	44.6	45.0	55.9	28.4	207.9	261.7
35-39 years.....	9,400	4,200	5,200	4,800	8.1	4.8	18.3	18.2	74.5	41.2	213.9	261.7
40 years and over.....	2,300	1,100	1,200	1,200	<sup>3</sup> 2.2	<sup>3</sup> 1.3	<sup>3</sup> 5.6	<sup>3</sup> 6.1	96.3	59.6	221.5	279.3

<sup>1</sup>Due to rounding estimates to nearest hundred, figures by race may not add to totals.

<sup>2</sup>Rates computed by relating total births to unmarried mothers, regardless of age of mother, to unmarried women aged 15-44 years.

<sup>3</sup>Rates computed by relating births to unmarried mothers age 40 years and over to unmarried women aged 40-44 years.

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**Table 14. LIVE BIRTHS BY INTERVAL SINCE LAST LIVE BIRTH, LIVE-BIRTH ORDER, AND RACE: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978**

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data. 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	Total, second and higher order births <sup>1</sup>	Live-birth order						
		2	3	4	5	6	7	8 and over
All races <sup>2</sup> .....	1,703,912	956,812	445,805	169,276	67,406	30,244	15,412	18,957
0 months (plural deliveries).....	23,409	8,362	7,696	4,063	1,730	748	359	451
1-11 months.....	26,093	13,486	6,776	3,088	1,351	618	354	420
12-17 months.....	172,723	89,288	45,421	20,314	8,604	4,019	2,064	3,013
18-23 months.....	211,711	119,205	52,769	22,027	8,606	4,095	2,160	2,849
24-35 months.....	369,406	226,809	86,370	32,010	12,146	5,533	2,903	3,635
36-47 months.....	256,551	158,652	63,339	20,335	7,304	3,259	1,605	2,057
48-59 months.....	163,465	94,657	45,336	13,989	5,041	2,130	1,024	1,288
60-71 months.....	110,365	60,927	31,903	10,279	3,851	1,674	796	935
72 months and over .....	261,499	122,886	79,904	32,460	14,211	6,136	3,032	2,870
Not stated .....	108,690	62,540	26,291	10,711	4,562	2,032	1,115	1,439
White.....	1,362,389	787,205	355,281	127,728	48,649	21,073	10,423	12,030
0 months (plural deliveries).....	18,269	6,802	6,177	3,093	1,215	504	234	244
1-11 months.....	17,841	9,859	4,576	1,894	788	328	189	207
12-17 months.....	130,574	70,932	34,169	14,257	5,653	2,560	1,276	1,727
18-23 months.....	172,331	100,455	42,308	16,912	6,315	2,954	1,492	1,895
24-35 months.....	309,096	195,809	70,581	24,932	9,112	4,101	2,084	2,477
36-47 months.....	213,081	135,253	51,738	15,752	5,453	2,351	1,147	1,387
48-59 months.....	131,664	77,421	36,838	10,651	3,705	1,497	713	839
60-71 months.....	86,339	47,730	25,679	7,783	2,812	1,180	555	600
72 months and over .....	201,114	93,969	63,714	24,971	10,491	4,265	2,001	1,703
Not stated .....	82,080	48,975	19,501	7,483	3,105	1,333	732	951
Black .....	287,805	140,048	76,776	36,053	16,419	8,056	4,371	6,082
0 months (plural deliveries).....	4,494	1,310	1,306	878	467	229	116	188
1-11 months.....	7,148	3,052	1,936	1,052	504	260	153	191
12-17 months.....	35,491	14,922	9,636	5,257	2,583	1,278	690	1,125
18-23 months.....	32,395	14,894	8,772	4,369	1,957	997	567	839
24-35 months.....	49,365	24,568	13,217	6,026	2,616	1,238	711	989
36-47 months.....	35,803	18,833	9,640	3,943	1,592	798	400	597
48-59 months.....	26,588	14,231	7,124	2,864	1,160	550	271	388
60-71 months.....	20,396	11,209	5,179	2,158	895	436	211	308
72 months and over .....	53,222	25,499	14,061	6,650	3,348	1,671	931	1,062
Not stated .....	22,903	11,530	5,905	2,856	1,297	599	321	395

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

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

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

Table 15. LIVE BIRTHS BY EDUCATIONAL ATTAINMENT OF MOTHER AND FATHER AND RACE: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978

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

Years of school completed	Mother			Father		
	All races <sup>1</sup>	White	Black	All races <sup>1</sup>	White	Black
Total .....	3,013,669	2,409,530	513,297	3,013,669	2,409,530	513,297
0-5 years .....	36,933	32,117	2,985	36,921	31,712	4,094
6 years .....	29,729	25,774	2,414	28,999	26,177	1,944
7 years .....	21,644	15,798	5,051	16,215	13,264	2,506
8 years .....	79,172	60,126	16,401	64,456	55,893	7,018
9 years .....	133,987	98,478	31,683	74,250	63,253	9,224
10 years .....	220,723	158,603	56,171	130,084	106,871	19,969
11 years .....	247,461	162,890	78,150	154,598	118,568	32,241
12 years .....	1,278,724	1,042,101	207,953	1,035,350	865,143	144,640
13 years .....	220,917	184,142	31,503	158,137	136,705	16,982
14 years .....	210,880	173,284	29,472	236,120	203,887	24,103
15 years .....	85,333	70,772	10,812	89,269	75,952	10,072
16 years .....	266,695	234,975	19,850	311,622	282,008	17,982
17 years or more .....	119,925	104,266	8,530	246,071	222,186	10,515
Not stated .....	61,546	46,204	12,322	431,577	207,911	212,007

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

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

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**Table 16. LIVE BIRTHS BY EDUCATIONAL ATTAINMENT OF MOTHER, AGE OF MOTHER, AND RACE: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978**

[Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Sources of Data.  
Figures for age of mother not stated are distributed]

Age of mother and race	Total	Years of school completed by mother					
		0-8 years	9-11 years	12 years	13-15 years	16 years or more	Not stated
All races <sup>1</sup> .....	3,013,669	167,478	602,171	1,278,724	517,130	386,620	61,546
Under 15 years .....	9,580	6,543	2,591	-	-	-	446
15-19 years .....	485,790	38,554	261,566	159,796	14,728	137	11,009
15 years .....	25,663	6,894	17,828	156	-	-	785
16 years .....	57,838	6,748	48,229	1,337	33	-	1,491
17 years .....	97,092	7,257	72,184	15,151	254	-	2,246
18 years .....	135,690	8,386	65,438	56,222	2,671	-	2,973
19 years .....	169,507	9,269	57,887	86,930	11,770	137	3,514
20-24 years .....	1,026,216	48,003	199,790	539,769	178,743	40,197	19,714
25-29 years .....	922,582	36,058	82,990	377,659	214,565	193,791	17,519
30-34 years .....	432,685	23,190	36,730	151,863	87,246	124,253	9,403
35-39 years .....	115,240	11,244	14,846	41,870	19,015	25,414	2,851
40 years and over .....	21,576	3,886	3,658	7,767	2,833	2,828	604
White .....	2,409,530	133,815	419,971	1,042,101	428,198	339,241	46,204
Under 15 years .....	3,828	2,748	894	-	-	-	186
15-19 years .....	334,875	30,150	175,008	113,627	8,894	96	7,100
15 years .....	13,494	4,232	8,803	76	-	-	383
16 years .....	35,554	5,000	28,889	768	30	-	8
17 years .....	65,253	5,914	48,190	9,557	141	-	1,491
18 years .....	95,448	7,081	46,399	38,572	1,457	-	1,935
19 years .....	125,126	7,923	42,727	64,654	7,266	96	2,460
20-24 years .....	818,695	40,806	147,164	441,387	141,362	33,235	14,741
25-29 years .....	778,798	29,701	58,963	318,797	185,050	172,287	14,000
30-34 years .....	364,421	18,676	25,688	127,750	74,847	109,956	7,504
35-39 years .....	92,401	8,818	9,975	34,313	15,709	21,359	2,227
40 years and over .....	16,512	2,916	2,279	6,227	2,336	2,308	446
Black .....	513,297	26,851	166,004	207,953	71,787	28,380	12,322
Under 15 years .....	5,585	3,682	1,657	-	-	-	246
15-19 years .....	140,020	7,503	80,684	42,827	5,415	33	3,558
15 years .....	11,662	2,503	8,701	77	-	-	381
16 years .....	21,047	1,607	18,307	545	3	-	585
17 years .....	29,717	1,192	22,392	5,318	108	-	707
18 years .....	37,095	1,104	17,443	16,483	1,124	-	941
19 years .....	40,499	1,097	13,841	20,404	4,180	33	944
20-24 years .....	182,566	5,422	47,430	87,438	32,605	5,554	4,117
25-29 years .....	113,468	4,345	20,951	49,936	22,449	13,195	2,592
30-34 years .....	50,260	3,281	9,666	20,016	8,698	7,286	1,313
35-39 years .....	17,339	1,877	4,353	6,423	2,254	2,031	401
40 years and over .....	4,059	741	1,263	1,313	366	281	95

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

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

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Table 17. LIVE BIRTHS BY EDUCATIONAL ATTAINMENT OF MOTHER, LIVE-BIRTH ORDER, AND RACE: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978

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

Live-birth order and race	Total	Years of school completed by mother					
		0-8 years	9-11 years	12 years	13-15 years	16 years or more	Not stated
All races <sup>1</sup> .....	3,013,669	167,478	602,171	1,278,724	517,130	386,620	61,546
First child.....	1,267,304	52,866	258,395	526,218	226,164	183,035	20,626
Second child.....	960,998	41,879	168,073	431,846	172,553	133,040	13,607
Third child .....	448,836	28,592	92,089	198,603	75,201	47,720	6,631
Fourth child .....	170,864	17,238	42,214	70,365	25,014	13,238	2,795
Fifth child.....	68,383	9,947	18,782	25,368	8,863	4,102	1,321
Sixth child.....	30,866	5,906	8,941	10,201	3,480	1,710	628
Seventh child.....	15,720	3,809	4,568	4,695	1,575	716	357
Eighth child and over .....	19,546	6,480	5,520	4,842	1,478	656	570
Not stated .....	31,152	761	3,589	6,586	2,802	2,403	15,011
White .....	2,409,530	133,815	419,971	1,042,101	428,198	339,241	46,204
First child.....	1,028,098	41,299	184,971	438,188	187,512	160,545	15,583
Second child.....	784,783	35,415	123,350	355,538	143,528	116,738	10,214
Third child .....	354,297	23,633	63,379	158,246	62,491	41,768	4,780
Fourth child .....	127,254	13,809	26,388	53,304	20,154	11,655	1,944
Fifth child.....	48,484	7,776	10,788	18,376	7,009	3,639	896
Sixth child.....	21,002	4,336	4,705	7,204	2,808	1,535	414
Seventh child.....	10,362	2,720	2,244	3,264	1,257	640	237
Eighth child and over .....	11,964	4,320	2,192	3,302	1,212	585	353
Not stated .....	23,286	507	1,954	4,679	2,227	2,136	11,783
Black .....	513,297	26,851	166,004	207,953	71,787	28,380	12,322
First child.....	201,218	9,742	66,825	76,337	30,930	13,407	3,977
Second child.....	147,511	4,589	40,289	67,112	23,304	9,614	2,603
Third child .....	81,194	3,731	26,169	35,820	10,375	3,619	1,480
Fourth child .....	38,286	2,726	14,589	15,211	4,045	1,038	677
Fifth child.....	17,635	1,812	7,349	6,275	1,560	304	335
Sixth child.....	8,760	1,298	3,914	2,689	578	122	159
Seventh child.....	4,745	897	2,150	1,293	275	44	86
Eighth child and over .....	6,725	1,824	3,122	1,394	214	49	122
Not stated .....	7,223	232	1,597	1,822	506	183	2,883

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

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

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**Table 18. LIVE BIRTHS BY MONTH OF PREGNANCY PRENATAL CARE BEGAN, AGE OF MOTHER, AND RACE: TOTAL OF 49 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978<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 Sources of Data. Figures for age of mother not stated are distributed.]

Age of mother and race	Total	Month of pregnancy prenatal care began					
		1st and 2d month	3d month	4th-6th month	7th-9th month	No prenatal care	Not stated
All races <sup>1</sup> .....	3,309,347	1,562,876	826,287	627,303	126,827	44,703	121,351
Under 15 years .....	10,714	1,742	1,832	4,473	1,421	565	681
15-19 years .....	538,799	153,105	130,273	177,628	40,426	13,808	23,559
15 years.....	28,643	5,491	5,784	11,683	3,050	1,101	1,534
16 years.....	64,420	14,134	14,415	24,604	6,037	2,102	3,128
17 years.....	107,931	26,926	25,796	38,545	8,811	2,988	4,865
18 years.....	150,268	43,008	36,866	49,368	11,043	3,685	6,298
19 years.....	187,537	63,546	47,412	53,428	11,485	3,932	7,734
20-24 years .....	1,130,994	518,349	289,866	220,928	44,282	15,760	41,809
25-29 years .....	1,008,583	561,306	250,239	132,212	23,423	7,923	33,480
30-34 years .....	471,294	260,342	116,639	63,046	11,082	4,142	16,043
35-39 years .....	125,318	59,341	31,669	22,953	4,713	1,877	4,765
40 years and over.....	23,645	8,691	5,769	6,063	1,480	628	1,014
White .....	2,661,547	1,334,917	675,909	445,902	87,152	28,167	89,500
Under 15 years .....	4,478	730	772	1,783	660	279	254
15-19 years .....	376,369	113,975	95,138	117,275	26,726	8,281	14,977
15 years.....	15,580	3,078	3,340	6,161	1,686	576	73
16 years.....	40,369	9,160	9,502	14,946	3,766	1,190	1,805
17 years.....	73,671	19,185	18,388	25,452	5,875	1,789	2,982
18 years.....	107,045	32,337	27,294	33,508	7,484	2,282	4,140
19 years.....	139,704	50,215	36,614	37,208	7,915	2,444	5,308
20-24 years .....	907,809	440,859	237,503	158,101	30,616	10,053	30,677
25-29 years .....	854,660	494,215	213,110	99,243	16,460	5,115	26,517
30-34 years .....	398,741	228,123	98,929	48,073	8,162	2,750	12,704
35-39 years .....	101,197	49,986	25,876	17,010	3,446	1,248	3,631
40 years and over.....	18,293	7,029	4,581	4,417	1,082	441	743
Black.....	550,680	187,910	126,437	159,270	33,693	15,070	28,300
Under 15 years .....	6,062	990	1,034	2,608	737	276	417
15-19 years .....	150,810	36,252	32,579	56,194	12,471	5,183	8,131
15 years.....	12,519	2,329	2,343	5,298	1,275	499	775
16 years.....	22,722	4,704	4,667	9,110	2,108	861	1,272
17 years.....	32,010	7,273	6,887	12,263	2,686	1,119	1,782
18 years.....	39,892	9,846	8,864	14,634	3,198	1,315	2,035
19 years.....	43,667	12,100	9,818	14,889	3,204	1,389	2,267
20-24 years .....	196,394	67,589	45,927	55,839	11,727	5,214	10,098
25-29 years .....	121,426	52,057	28,802	26,880	5,300	2,496	5,891
30-34 years .....	53,396	22,972	12,784	11,559	2,171	1,213	2,697
35-39 years .....	18,310	6,752	4,365	4,809	978	535	871
40 years and over.....	4,282	1,298	946	1,381	309	153	195

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

NOTE: Excludes data for New Mexico, which did not require reporting of month of pregnancy prenatal care began.



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**Table 19. LIVE BIRTHS BY MONTH OF PREGNANCY PRENATAL CARE BEGAN AND RACE: TOTAL OF 49 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978**

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

Race	Total	Month prenatal care began									
		1st and 2d month	3d month	4th month	5th month	6th month	7th month	8th month	9th month	No prenatal care	Not stated
All races <sup>1</sup> .....	3,309,347	1,562,876	826,287	337,941	182,349	107,013	69,272	40,397	17,158	44,703	121,351
White .....	2,661,547	1,334,917	675,909	248,828	125,178	71,896	47,659	27,753	11,740	28,167	89,500
Black .....	550,680	187,910	126,437	78,008	50,580	30,682	18,671	10,560	4,462	15,070	28,300

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

NOTE: Excludes data for New Mexico, which did not require reporting of month of pregnancy prenatal care began.

**Table 20. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS AND RACE: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978**

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

Race	Total	Number of prenatal visits											
		No visits	1-2 visits	3-4 visits	5-6 visits	7-8 visits	9-10 visits	11-12 visits	13-14 visits	15-16 visits	17-18 visits	19 visits or more	Not stated
All races <sup>1</sup> ..	3,017,066	36,190	54,358	113,627	225,680	370,354	648,078	779,700	349,750	185,796	39,506	45,389	168,638
White .....	2,424,269	21,524	32,140	71,224	155,892	282,700	529,706	669,730	305,556	159,188	33,365	37,153	126,091
Black .....	499,663	13,268	19,453	37,390	60,945	74,834	98,876	88,345	34,566	21,938	5,142	7,167	37,739

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

NOTE: Excludes data for Maryland, New Mexico, and Texas, which did not require reporting of number of prenatal visits.

**Table 21. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, MONTH OF PREGNANCY PRENATAL CARE BEGAN, AND RACE: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978**

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

Month of pregnancy prenatal care began and race	Total	Number of prenatal visits											
		No visits	1-2 visits	3-4 visits	5-6 visits	7-8 visits	9-10 visits	11-12 visits	13-14 visits	15-16 visits	17-18 visits	19 visits or more	Not stated
All races <sup>1</sup> .....	3,017,066	36,190	54,358	113,627	225,680	370,354	648,078	779,700	349,750	185,796	39,506	45,389	168,638
1st and 2d month .....	1,428,399	-	5,298	13,470	43,219	116,659	287,967	484,352	245,171	134,475	28,974	33,225	35,589
3d month .....	753,250	-	4,533	14,962	50,184	105,140	210,815	216,381	79,103	38,000	7,794	8,364	17,974
4th-6th month .....	571,133	-	16,017	51,450	103,942	131,525	138,830	72,867	23,103	11,974	2,464	3,370	15,591
7th-9th month .....	113,885	-	26,820	31,794	25,917	14,293	6,636	2,771	958	562	86	173	3,875
No prenatal care .....	36,190	36,190	-	-	-	-	-	-	-	-	-	-	-
Not stated .....	114,209	-	1,690	1,951	2,418	2,737	3,830	3,329	1,415	785	188	257	95,609
White .....	2,424,269	21,524	32,140	71,224	155,892	282,700	529,706	669,730	305,556	159,188	33,365	37,153	126,091
1st and 2d month .....	1,220,881	-	3,248	8,701	31,434	92,921	244,197	424,020	217,072	117,714	25,010	27,959	28,605
3d month .....	616,164	-	2,648	9,322	35,657	83,132	174,206	184,393	68,429	31,589	6,353	6,520	13,915
4th-6th month .....	404,841	-	8,654	30,761	69,177	94,408	103,490	56,564	18,125	8,854	1,793	2,367	10,648
7th-9th month .....	77,023	-	16,617	21,299	18,054	10,292	4,900	2,004	732	404	61	110	2,550
No prenatal care .....	21,524	21,524	-	-	-	-	-	-	-	-	-	-	-
Not stated .....	83,836	-	973	1,141	1,570	1,947	2,913	2,749	1,198	627	148	197	70,373
Black .....	499,663	13,268	19,453	37,390	60,945	74,834	98,876	88,345	34,566	21,938	5,142	7,167	37,739
1st and 2d month .....	169,384	-	1,819	4,173	10,266	20,323	36,190	47,771	21,547	13,593	3,266	4,504	5,932
3d month .....	114,184	-	1,687	5,030	12,705	18,520	30,397	25,635	8,469	5,321	1,223	1,638	3,559
4th-6th month .....	144,855	-	6,637	18,621	30,682	32,096	30,094	13,785	4,180	2,757	599	912	4,492
7th-9th month .....	31,048	-	8,676	8,877	6,553	3,241	1,431	664	187	138	23	57	1,201
No prenatal care .....	13,268	13,268	-	-	-	-	-	-	-	-	-	-	-
Not stated .....	26,924	-	634	689	739	654	764	490	183	129	31	56	22,555

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

NOTE: Excludes data for Maryland, New Mexico, and Texas, which did not require reporting of both number of prenatal visits and month of pregnancy prenatal care began.

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Table 22. LIVE BIRTHS BY BIRTH WEIGHT, PERIOD OF GESTATION, AND RACE: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1978

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

Period of gestation and race	Total	Birth weight											Not stated
		500 grams or less	501-1,000 grams	1,001-1,500 grams	1,501-2,000 grams	2,001-2,500 grams	2,501-3,000 grams	3,001-3,500 grams	3,501-4,000 grams	4,001-4,500 grams	4,501-5,000 grams	5,001 grams or more	
All races <sup>1</sup>	3,035,101	2,900	13,359	19,128	41,279	137,949	512,267	1,125,429	861,656	259,504	46,766	6,788	8,076
Under 20 weeks	889	163	147	52	31	45	105	149	88	26	7	1	75
20-27 weeks	14,317	1,514	6,189	2,166	750	649	838	1,048	550	134	28	74	387
28-31 weeks	24,535	88	1,823	6,651	5,814	2,787	2,669	2,770	1,290	317	53	17	256
32-35 weeks	105,082	29	429	2,935	13,453	27,563	26,607	21,541	9,660	2,039	375	94	367
36 weeks	71,015	3	41	363	2,285	11,944	24,827	20,616	8,388	1,969	352	69	158
37-39 weeks	870,569	44	178	758	5,240	39,124	191,630	367,496	210,960	46,181	6,569	971	1,418
40 weeks	542,770	26	72	178	964	9,314	68,572	213,479	185,256	54,386	8,552	1,141	830
41-42 weeks	597,290	17	115	198	978	8,334	60,146	205,311	219,154	82,855	16,736	2,294	1,152
43 weeks and over	206,094	8	53	120	587	4,226	25,086	72,448	69,767	26,438	6,033	924	404
Not stated	602,540	1,008	4,312	5,717	11,177	33,963	111,787	220,571	156,543	45,159	8,061	1,203	3,039
White	2,430,183	1,737	8,186	12,193	27,260	93,575	366,257	893,574	740,428	232,594	42,305	5,944	6,130
Under 20 weeks	501	83	64	24	15	21	55	91	70	24	5	-	49
20-27 weeks	8,774	955	3,969	1,359	352	329	423	605	382	98	17	43	242
28-31 weeks	15,513	50	1,173	4,434	3,922	1,588	1,382	1,629	893	237	36	11	158
32-35 weeks	71,357	15	263	1,916	9,331	19,553	17,492	13,746	6,854	1,569	307	64	247
36 weeks	51,748	3	22	242	1,541	8,397	18,029	15,119	6,347	1,580	294	58	116
37-39 weeks	688,626	28	123	519	3,596	27,217	139,420	291,474	178,311	40,350	5,734	812	1,042
40 weeks	457,613	22	48	120	660	6,664	51,986	176,451	162,813	49,391	7,787	1,008	663
41-42 weeks	516,479	13	73	126	639	5,960	46,159	172,757	195,882	76,289	15,516	2,098	967
43 weeks and over	172,194	7	32	76	400	2,926	18,483	58,840	60,734	24,006	5,544	835	311
Not stated	447,378	561	2,419	3,377	6,804	20,920	72,828	162,862	128,142	39,050	7,065	1,015	2,335
Black	511,020	1,092	4,818	6,408	12,905	40,109	127,490	194,297	97,396	20,812	3,379	649	1,665
Under 20 weeks	369	78	79	25	16	24	48	51	18	2	2	1	25
20-27 weeks	5,153	513	2,062	753	381	305	387	403	144	30	11	30	134
28-31 weeks	8,270	37	601	2,018	1,721	1,129	1,183	1,052	356	68	16	6	83
32-35 weeks	30,196	14	149	923	3,745	7,202	8,195	6,962	2,450	381	54	23	98
36 weeks	16,966	-	18	107	680	3,154	6,005	4,820	1,757	332	49	7	37
37-39 weeks	150,916	15	48	219	1,502	10,554	44,419	62,493	26,042	4,518	655	127	324
40 weeks	68,962	4	20	50	269	2,313	13,960	30,150	17,601	3,804	566	95	130
41-42 weeks	65,125	2	35	67	307	2,122	12,112	26,443	17,936	4,907	888	146	160
43 weeks and over	28,223	1	19	38	175	1,183	5,862	11,392	7,232	1,822	364	67	68
Not stated	136,840	428	1,787	2,208	4,109	12,123	35,319	50,531	23,860	4,948	774	147	606

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

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

Table 23. LIVE BIRTHS BY 1- AND 5-MINUTE APGAR SCORES, BY RACE: TOTAL OF REPORTING STATES, 1978

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

Race	Total	Apgar score										Not stated	
		0	1	2	3	4	5	6	7	8	9		10
1-minute Apgar score <sup>1,2</sup>	2,385,454	2,273	12,809	14,993	18,225	25,811	45,505	86,127	221,788	715,613	981,440	118,999	141,871
White	1,954,726	1,498	9,015	11,006	13,637	19,944	35,930	70,039	183,314	596,123	803,327	97,717	113,176
Black	353,978	670	3,358	3,550	3,975	5,067	8,252	13,670	31,625	94,552	146,285	18,755	24,219
5-minute Apgar score <sup>1,3</sup>	2,357,543	2,872	4,697	3,765	3,726	4,791	9,322	17,592	40,116	166,412	1,129,688	832,266	142,296
White	1,923,984	1,860	3,137	2,515	2,592	3,415	6,663	13,130	31,005	133,493	924,801	687,726	113,647
Black	357,185	828	1,408	1,148	1,041	1,234	2,390	3,942	7,966	27,791	162,896	123,391	23,150

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

<sup>2</sup>Total of 39 reporting States. Excludes data for Delaware, District of Columbia, Florida, Georgia, Illinois, Louisiana, Maryland, Minnesota, New Mexico, Oklahoma, Texas, and Washington.

<sup>3</sup>Total of 38 reporting States and the District of Columbia. Excludes data for Connecticut, Delaware, Florida, Georgia, Illinois, Louisiana, Maryland, Minnesota, New Mexico, Oklahoma, Texas, and Washington.

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Table 24. LIVE BIRTHS BY 1-MINUTE APGAR SCORE, 5-MINUTE APGAR SCORE, AND RACE: TOTAL OF 38 REPORTING STATES, 1978

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

1-minute Apgar score and race	Total	5-minute Apgar score											
		0	1	2	3	4	5	6	7	8	9	10	Not stated
All races <sup>1</sup> .....	2,348,160	2,872	4,634	3,725	3,688	4,757	9,222	17,465	39,838	165,528	1,124,505	830,248	141,678
0.....	2,258	1,117	272	182	145	91	81	52	41	52	98	65	62
1.....	12,580	597	3,124	1,161	1,094	1,128	1,343	1,188	994	804	688	123	336
2.....	14,764	159	584	1,516	1,041	1,327	1,821	2,389	2,036	1,924	1,388	217	362
3.....	18,009	53	197	308	796	950	2,118	3,137	3,721	3,589	2,442	403	295
4.....	25,490	30	68	135	134	579	1,527	3,972	5,677	6,931	5,291	832	314
5.....	44,955	25	55	80	128	145	1,093	3,374	9,503	14,514	13,295	2,325	418
6.....	85,143	38	31	70	75	128	236	1,863	10,024	32,462	33,877	5,692	647
7.....	219,980	95	48	69	99	155	328	496	5,183	59,619	132,035	20,493	1,360
8.....	708,397	235	79	77	78	156	319	514	1,448	40,976	537,019	123,110	4,386
9.....	963,056	462	120	67	48	53	209	263	673	2,716	387,503	561,397	9,545
10.....	116,913	31	15	10	6	6	25	17	37	262	1,378	112,651	2,475
Not stated.....	136,615	30	41	50	44	39	122	200	501	1,679	9,491	2,940	121,478
White.....	1,922,569	1,860	3,135	2,513	2,592	3,415	6,661	13,121	30,987	133,389	924,006	687,463	113,427
0.....	1,486	674	194	134	115	67	62	39	33	28	53	42	45
1.....	8,835	420	2,093	775	765	808	954	846	722	598	517	94	243
2.....	10,825	125	392	1,049	738	959	1,323	1,799	1,512	1,439	1,073	166	250
3.....	13,463	34	135	202	556	696	1,512	2,230	2,779	2,761	1,935	328	205
4.....	19,676	15	45	77	95	411	1,129	2,995	4,407	5,397	4,211	666	228
5.....	35,490	16	40	58	83	95	774	2,611	7,359	11,439	10,843	1,872	309
6.....	69,221	22	20	41	52	83	165	1,450	8,013	25,972	28,152	4,758	493
7.....	181,747	67	29	43	74	116	232	356	4,086	48,246	109,980	17,437	1,081
8.....	589,688	157	60	55	60	115	244	376	1,166	33,709	445,169	105,099	3,478
9.....	787,308	278	85	44	28	38	160	181	529	2,309	313,894	462,329	7,433
10.....	95,801	26	12	4	5	3	20	11	32	213	1,126	92,388	1,961
Not stated.....	109,029	26	30	31	30	24	86	137	349	1,278	7,053	2,284	97,701
Black.....	349,337	828	1,347	1,110	1,003	1,200	2,292	3,828	7,708	27,015	158,572	121,654	22,780
0.....	667	406	66	45	28	23	19	11	8	16	15	17	13
1.....	3,312	153	931	350	302	280	357	290	239	178	125	19	88
2.....	3,502	34	173	434	277	337	460	529	441	422	258	44	93
3.....	3,939	17	59	94	219	221	526	695	824	713	428	65	78
4.....	5,016	11	20	52	32	150	352	870	1,110	1,319	885	143	72
5.....	8,156	8	15	20	49	43	288	676	1,891	2,649	2,042	387	88
6.....	13,516	14	11	24	22	41	65	375	1,753	5,586	4,693	822	110
7.....	31,407	19	16	26	24	36	78	129	938	9,568	17,806	2,562	205
8.....	93,858	51	18	21	17	40	71	123	242	5,841	71,899	15,006	529
9.....	144,201	107	26	21	18	13	45	72	121	352	58,068	84,097	1,261
10.....	18,615	4	3	4	1	3	3	5	5	45	220	17,957	365
Not stated.....	23,148	4	9	19	14	13	28	53	136	326	2,133	535	19,878

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

NOTE: Excludes data for Connecticut, Delaware, District of Columbia, Florida, Georgia, Illinois, Louisiana, Maryland, Minnesota, New Mexico, Oklahoma, Texas, and Washington, which did not require the reporting of both 1- and 5-minute Apgar scores.