## Medicaid's Role in Financing Maternity Care

Medicaid plays a key role in providing maternity-related services for pregnant women, paying for slightly less than half of all births nationally in 2018. Medicaid covered a greater share of births in rural areas and among minority women. Given its disproportionate role in covering these births, Medicaid could play a key role in addressing concerns about rising pregnancy-related mortality and morbidity and significant racial and ethnic disparities in maternal outcomes (CDC 2019, Petersen et al. 2019a, 2019b). ${ }^{1}$

This fact sheet begins by describing Medicaid's role in financing births in comparison to other payers and across states. It then presents data on the characteristics of women whose births are paid for by Medicaid, including demographic and health characteristics, location of birth, attendant, access to prenatal care, and outcomes. ${ }^{2}$

## Medicaid's Role in Covering Births

Medicaid paid for 43 percent of all births in 2018, while private coverage paid for just under half (49.1 percent). Fewer births were uninsured (4.1 percent) or paid by another payer ( 3.8 percent). ${ }^{3}$ Medicaid paid for a greater share of births in rural areas, among young women (under age 19), and women with lower levels of educational attainment. Medicaid also paid for a greater share of Hispanic, African American, and American Indian and Alaska Native women's births (Table A-1).

The share of births covered by Medicaid varies across states, ranging from about 25 percent in North Dakota to about 63 percent in Louisiana and Mississippi. Medicaid paid for more than half of births in six states: Arizona, Louisiana, Mississippi, New Mexico, Oklahoma, and Tennessee (Table A-2).

## Characteristics of Mothers with Medicaid Coverage and Their Births

Most mothers whose births were covered by Medicaid ( 79.3 percent) were between the ages of 20 and 34; more than half of Medicaid-covered births ( 55.0 percent) were among white, non-Hispanic women (Table A3). ${ }^{4}$ While, as noted above, Medicaid paid for a larger share of births in rural areas than other payers, the majority (84.3 percent) of Medicaid-financed births occurred in urban areas. In comparing mothers with Medicaid coverage in rural and urban areas, a greater percentage of rural mothers were younger than 20. A greater proportion of mothers in rural areas were also white, non-Hispanic; conversely, a greater proportion of women living in urban areas whose birth was paid for by Medicaid were Hispanic and black, nonHispanic (Table A-4).

## Potential complicating health conditions

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Two-thirds of mothers covered by Medicaid had a prior birth; 6 percent of them had a prior preterm birth and 25 percent had a prior cesarean section delivery. In addition, more than half of women whose births were paid for by Medicaid were either overweight or obese and almost 15 percent smoked cigarettes prior to pregnancy. Greater shares of women in Medicaid were overweight or obese or reported cigarette smoking compared to privately insured or uninsured women. Just 1 percent of women covered by Medicaid had pre-pregnancy diabetes and 2 percent had pre-pregnancy hypertension (Table A-3). The share of women with potential complicating health conditions was similar across rural and urban areas for those covered by Medicaid. An exception was cigarette smoking, which was more prevalent in rural areas (Table A-4).

## Location of birth and attendant

Almost all births financed by Medicaid occurred in a hospital setting. This did not vary considerably by state, with most states having less than 1 percent of Medicaid births occurring outside a hospital. Alaska is the outlier with slightly more than 4 percent of births occurred in freestanding birth centers. While more than 90 percent of Medicaid-financed births were attended by a doctor, there was wide variation across states. In 23 states, more than 10 percent of births were attended by a certified nurse midwife, with approximately 30 percent of births attended by a certified nurse midwife in Alaska and New Mexico (Table A-5). ${ }^{5}$ Place of birth and attendant did not differ when looking at women in rural and urban areas who had Medicaid coverage (Table A-4).

Nationally, birth location did not vary between women covered by Medicaid and those with private insurance, with 99 percent of privately insured births occurring in a hospital and 90 percent of privately insured births attended by a doctor. Women who were uninsured had a smaller share of births occurring in a hospital ( 81.2 percent) and a greater share of births occurring at home ( 13.9 percent). Larger shares of women with uninsured births were attended by certified nurse midwives ( 11.8 percent) or other midwives (10.3 percent).

## Access to prenatal care

Over two-thirds of women whose births were financed by Medicaid ( 68.3 percent) started prenatal care during the first trimester and more than three-quarters ( 76.3 percent) received nine or more prenatal care visits over the course of their pregnancy. ${ }^{6}$ However, there was considerable state variation; just over half of women in the District of Columbia began prenatal care in the first trimester and 55 percent received at least nine prenatal care visits. In contrast, in Vermont, 85 percent of women began their prenatal care in the first trimester and almost 90 percent of women received at least nine prenatal care visits (Table A-6). Women living in rural and urban areas with Medicaid coverage did not differ on these access measures (Table A-4).

Greater shares of women with private coverage received prenatal care. Specifically, 87 percent began prenatal care in their first trimester and 88 percent received nine or more prenatal visits. In contrast, just over half of women who were uninsured ( 55.1 percent) began prenatal care in the first trimester and 66 percent received nine or more prenatal care visits. These findings align with prior MACPAC findings that, in general, women whose births were paid for by Medicaid were less likely to both receive prenatal care in the
first trimester and receive adequate prenatal care compared to privately insured women. However, when compared to uninsured women, women with Medicaid were more likely to receive adequate prenatal care (MACPAC 2018).

## Birth outcomes

Almost one-third of women covered by Medicaid delivered their infants via cesarean section, ranging from about 20 percent in Alaska to about 37 percent in Mississippi. Eleven percent of infants born to Medicaidcovered mothers were preterm (delivered prior to 37 weeks) and about 10 percent were low birthweight (less than 2,500 grams). The rate of preterm births was highest in Mississippi (14.4 percent) and lowest in Vermont ( 8.7 percent). The rate of low-birthweight infants was highest in the District of Columbia ( 13.1 percent) and lowest in Alaska, California, and Utah (6.7 percent) (Table A-6).

About one-third of privately insured women and 25 percent of uninsured women delivered via cesarean section; approximately 9 percent of privately insured and uninsured women had a preterm birth and 7 percent had a low-birthweight baby. MACPAC's prior work found no differences in maternal or birth outcomes when comparing privately insured women with those covered by Medicaid; however, when compared to uninsured women, women with Medicaid were more likely to have cesarean sections and lowbirthweight babies (MACPAC 2018).

## Endnotes

${ }^{1}$ According to the Centers for Disease Control and Prevention (CDC), the reasons for the overall increase in pregnancyrelated mortality are unclear. Due to the use of computerized data linkages by states, changes in the way causes of death are coded, and the addition of a pregnancy checkbox to the death certificate, the identification of pregnancy-related deaths has improved. However, noted errors in reported pregnancy status on death certificates may be leading to overestimation of the number of pregnancy-related deaths. It is not clear whether the actual risk of a woman dying from pregnancy-related causes has increased, and in recent years the pregnancy-related mortality ratios (the estimate of the number of pregnancyrelated deaths for every 100,000 live births) have been relatively stable. Currently available data do not report the number of women covered by Medicaid who die from pregnancy-related causes (CDC 2019).
${ }^{2}$ For this analysis, MACPAC worked with our survey data contractor, the State Health Access Data Assistance Center at the University of Minnesota, using Centers for Disease Control and Prevention (CDC) natality data. The CDC natality data are derived from birth certificates and essentially report a complete count of live births occurring within the United States to U.S. residents. In other MACPAC work using survey data, we conduct statistical testing to account for sampling error. Although the data used in this fact sheet are not subject to sampling error, CDC documentation notes that these data may be affected by other errors, such as mistakes in recording the mother's residence or age.
${ }^{3}$ Those reporting self-pay are coded as uninsured.
${ }^{4}$ While the reporting here focuses on Medicaid-financed births, the appendix tables also include data for other payers for comparison.

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${ }^{5}$ This does not include births attended by other midwives.
${ }^{6}$ Adequate prenatal care is defined as the initiation of prenatal care in the first trimester and nine or more visits (Kessner et al. 1973).

## References

Centers for Disease Control and Prevention (CDC), U.S. Department of Health and Human Services (HHS). 2019. Pregnancy Mortality Surveillance System. https://www.cdc.gov/reproductivehealth/maternal-mortality/pregnancy-mortality-surveillance-system.htm.

Kessner, D., J. Singer, C. Kalk, and E. Schlesinger. 1973. Infant death: An analysis by maternal risk and health care. In Washington, DC: Institute of Medicine and National Academies of Sciences.

Martin, J.A., B.E. Hamilton, M.J.K. Osterman, et al. 2018. Births: Final data for 2017. National Vital Statistics Reports, Volume 67, no. 8. https://www.cdc.gov/nchs/data/nvsr/nvsr67/nvsr67_08-508.pdf.

Medicaid and CHIP Payment and Access Commission (MACPAC). 2018. Access in brief: Pregnant women and Medicaid. Washington, DC: MACPAC. https://www.macpac.gov/wp-content/uploads/2018/11/Pregnant-Women-and-Medicaid.pdf.

Petersen, E.E., N.L. Davis, D. Goodman, et al. 2019a. Vital signs: Pregnancy-related deaths, United States, 2011-2015, and strategies for prevention, 13 states, 2013-2017. Morbidity and mortality weekly report (MMWR) 68, no. 18: 423-429.
https://www.cdc.gov/mmwr/volumes/68/wr/mm6818e1.htm.

Petersen, E.E., N.L. Davis, D. Goodman, et al. 2019b. Racial/ethnic disparities in pregnancy-related deaths-United States, 2017-2016. Morbidity and mortality weekly report (MMWR) 68, no. 35: 762-765.
https://www.cdc.gov/mmwr/volumes/68/wr/mm6835a3.htm.

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## Appendix: Medicaid's Role in Financing Maternity Care

TABLE A-1. Number and Share of Births, by Payer and Maternal Characteristics, 2018

| Characteristic | Total | Medicaid | Private | Uninsured | Other |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total births | 3,832,168 | 43.0\% | 49.1\% | 4.1\% | 3.8\% |
| Residence |  |  |  |  |  |
| Rural | 516,779 | 50.0\% | 41.1\% | 4.9\% | 4.0\% |
| Urban | 3,315,389 | 41.9\% | 50.3\% | 4.0\% | 3.8\% |
| Maternal age |  |  |  |  |  |
| 0-19 | 194,988 | 77.5\% | 15.2\% | 3.6\% | 3.8\% |
| 20-34 | 2,962,002 | 44.1\% | 48.0\% | 4.0\% | 4.0\% |
| 35 or older | 675,178 | 28.2\% | 63.9\% | 4.8\% | 3.1\% |
| Maternal Hispanic ethnicity |  |  |  |  |  |
| Hispanic or Latino | 894,418 | 60.2\% | 28.5\% | 6.7\% | 4.7\% |
| Not Hispanic or Latino | 2,906,389 | 37.8\% | 55.3\% | 3.3\% | 3.6\% |
| Maternal race |  |  |  |  |  |
| American Indian or Alaska Native, non-Hispanic | 29,699 | 67.3\% | 19.5\% | 1.8\% | 11.4\% |
| White, non-Hispanic | 1,979,495 | 30.5\% | 63.1\% | 3.0\% | 3.4\% |
| Black, non-Hispanic | 557,571 | 65.9\% | 27.7\% | 3.0\% | 3.4\% |
| Asian, non-Hispanic | 248,410 | 25.0\% | 65.2\% | 6.8\% | 2.9\% |
| Native Hawaiian or Pacific Islander, non-Hispanic | 9,315 | 56.2\% | 28.6\% | 6.3\% | 8.9\% |
| More than one race, nonHispanic | 81,899 | 49.3\% | 43.0\% | 2.1\% | 5.6\% |
| Maternal years of education |  |  |  |  |  |
| 8 th grade or less | 123,476 | 66.7\% | 7.3\% | 21.2\% | 4.8\% |
| Some high school | 378,566 | 79.1\% | 10.8\% | 6.0\% | 4.1\% |
| High school diploma or GED certificate | 967,101 | 65.8\% | 26.8\% | 3.6\% | 3.8\% |
| Some college or associate's degree | 1,090,106 | 44.4\% | 48.5\% | 2.6\% | 4.6\% |
| College or graduate degree | 1,224,980 | 10.2\% | 83.4\% | 3.5\% | 2.9\% |

Notes: Percentages are calculated based on number of births. Total number of births may be inconsistent across breakdowns due to missing values or suppression. Urban and rural categories are based on the mother's legal county of residence as recorded on the birth certificate and are defined using the 2013 National Center for Health Statistics Urban-Rural Scheme for Counties. Urban includes counties classified as large central metro, large fringe metro, medium metro, and small metro. Rural includes counties classified as micropolitan and non-core.

Source: MACPAC, 2019, analysis of U.S. Centers for Disease Control and Prevention WONDER online database, Natality information-live births, https://wonder.cdc.gov/natality.html.

TABLE A-2. Number of Births, by Payer, by State, 2018

| State | Total | Medicaid |  | Private insurance |  | Uninsured |  | Other |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Total | 3,832,168 | 1,647,833 | 43.0\% | 1,881,528 | 49.1\% | 156,604 | 4.1\% | 146,203 | 3.8\% |
| Alabama | 58,908 | 29,120 | 49.4\% | 26,348 | 44.7\% | 1,272 | 2.2\% | 2,168 | 3.7\% |
| Alaska | 10,267 | 4,026 | 39.2\% | 3,877 | 37.8\% | 325 | 3.2\% | 2,039 | 19.9\% |
| Arizona | 81,696 | 43,517 | 53.3\% | 33,241 | 40.7\% | 2,713 | 3.3\% | 2,225 | 2.7\% |
| Arkansas | 37,003 | 16,921 | 45.7\% | 18,036 | 48.7\% | 1,072 | 2.9\% | 974 | 2.6\% |
| California | 471,142 | 202,943 | 43.1\% | 229,115 | 48.6\% | 19,000 | 4.0\% | 20,084 | 4.3\% |
| Colorado | 64,186 | 25,261 | 39.4\% | 33,088 | 51.6\% | 1,642 | 2.6\% | 4,195 | 6.5\% |
| Connecticut | 35,144 | 13,058 | 37.2\% | 19,499 | 55.5\% | 1,836 | 5.2\% | 751 | 2.1\% |
| Delaware | 10,841 | 4,855 | 44.8\% | 5,403 | 49.8\% | 215 | 2.0\% | 368 | 3.4\% |
| District of Columbia | 9,540 | 4,155 | 43.6\% | 4,608 | 48.3\% | 77 | 0.8\% | 700 | 7.3\% |
| Florida | 222,687 | 109,078 | 49.0\% | 93,061 | 41.8\% | 13,701 | 6.2\% | 6,847 | 3.1\% |
| Georgia | 129,008 | 59,425 | 46.1\% | 50,350 | 39.0\% | 8,633 | 6.7\% | 10,600 | 8.2\% |
| Hawaii | 17,491 | 5,490 | 31.4\% | 7,382 | 42.2\% | 573 | 3.3\% | 4,046 | 23.1\% |
| Idaho | 22,156 | 8,196 | 37.0\% | 11,890 | 53.7\% | 1,269 | 5.7\% | 801 | 3.6\% |
| Illinois | 148,709 | 60,852 | 40.9\% | 84,181 | 56.6\% | 2,280 | 1.5\% | 1,396 | 0.9\% |
| Indiana | 81,993 | 33,693 | 41.1\% | 42,903 | 52.3\% | 3,764 | 4.6\% | 1,633 | 2.0\% |
| lowa | 38,410 | 15,381 | 40.0\% | 21,429 | 55.8\% | 1,230 | 3.2\% | 370 | 1.0\% |
| Kansas | 36,398 | 11,466 | 31.5\% | 20,435 | 56.1\% | 2,487 | 6.8\% | 2,010 | 5.5\% |
| Kentucky | 54,331 | 26,158 | 48.2\% | 24,024 | 44.2\% | 1,914 | 3.5\% | 2,235 | 4.1\% |
| Louisiana | 61,016 | 38,340 | 62.8\% | 20,648 | 33.8\% | 504 | 0.8\% | 1,524 | 2.5\% |
| Maine | 12,260 | 4,804 | 39.2\% | 6,703 | 54.7\% | 478 | 3.9\% | 275 | 2.2\% |
| Maryland | 71,263 | 28,631 | 40.2\% | 38,102 | 53.5\% | 2,232 | 3.1\% | 2,298 | 3.2\% |
| Massachusetts | 70,598 | 19,652 | 27.8\% | 47,788 | 67.7\% | 542 | 0.8\% | 2,616 | 3.7\% |
| Michigan | 111,097 | 46,989 | 42.3\% | 61,988 | 55.8\% | 1,586 | 1.4\% | 534 | 0.5\% |
| Minnesota | 68,454 | 21,871 | 32.0\% | 43,378 | 63.4\% | 1,607 | 2.4\% | 1,598 | 2.3\% |
| Mississippi | 37,307 | 23,339 | 62.6\% | 12,358 | 33.1\% | 1,149 | 3.1\% | 461 | 1.2\% |
| Missouri | 72,008 | 27,919 | 38.8\% | 40,071 | 55.7\% | 2,508 | 3.5\% | 1,510 | 2.1\% |
| Montana | 11,774 | 4,864 | 41.3\% | 5,616 | 47.7\% | 617 | 5.2\% | 677 | 5.8\% |
| Nebraska | 25,501 | 8,822 | 34.6\% | 14,905 | 58.5\% | 980 | 3.8\% | 794 | 3.1\% |
| Nevada | 35,508 | 16,834 | 47.4\% | 15,589 | 43.9\% | 1,746 | 4.9\% | 1,339 | 3.8\% |
| New Hampshire | 12,029 | 3,091 | 25.7\% | 8,316 | 69.1\% | 202 | 1.7\% | 420 | 3.5\% |
| New Jersey | 101,221 | 31,194 | 30.8\% | 60,977 | 60.2\% | 7,966 | 7.9\% | 1,084 | 1.1\% |
| New Mexico | 23,737 | 13,350 | 56.2\% | 6,781 | 28.6\% | 1,546 | 6.5\% | 2,060 | 8.7\% |
| New York | 228,873 | 110,653 | 48.4\% | 107,662 | 47.0\% | 2,784 | 1.2\% | 7,774 | 3.4\% |

TABLE A-2. (continued)

| State | Total | Medicaid |  | Private insurance |  | Uninsured |  | Other |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| North Carolina | 120,010 | 51,686 | 43.1\% | 54,138 | 45.1\% | 8,327 | 6.9\% | 5,859 | 4.9\% |
| North Dakota | 10,602 | 2,677 | 25.3\% | 5,940 | 56.0\% | 283 | 2.7\% | 1,702 | 16.1\% |
| Ohio | 135,913 | 57,120 | 42.0\% | 68,586 | 50.5\% | 6,407 | 4.7\% | 3,800 | 2.8\% |
| Oklahoma | 50,095 | 25,959 | 51.8\% | 20,066 | 40.1\% | 1,038 | 2.1\% | 3,032 | 6.1\% |
| Oregon | 43,518 | 19,639 | 45.1\% | 22,409 | 51.5\% | 886 | 2.0\% | 584 | 1.3\% |
| Pennsylvania | 133,209 | 45,537 | 34.2\% | 78,578 | 59.0\% | 6,146 | 4.6\% | 2,948 | 2.2\% |
| Rhode Island | 10,627 | 5,146 | 48.4\% | 5,216 | 49.1\% | 71 | 0.7\% | 194 | 1.8\% |
| South Carolina | 56,874 | 28,253 | 49.7\% | 24,518 | 43.1\% | 1,626 | 2.9\% | 2,477 | 4.4\% |
| South Dakota | 12,080 | 3,871 | 32.0\% | 7,162 | 59.3\% | 360 | 3.0\% | 687 | 5.7\% |
| Tennessee | 76,755 | 39,045 | 50.9\% | 33,041 | 43.1\% | 1,521 | 2.0\% | 3,148 | 4.1\% |
| Texas | 381,322 | 180,969 | 47.5\% | 151,035 | 39.6\% | 27,959 | 7.3\% | 21,359 | 5.6\% |
| Utah | 47,016 | 12,222 | 26.0\% | 30,281 | 64.4\% | 2,506 | 5.3\% | 2,007 | 4.3\% |
| Vermont | 5,644 | 2,421 | 42.9\% | 2,951 | 52.3\% | 91 | 1.6\% | 181 | 3.2\% |
| Virginia | 100,237 | 30,247 | 30.2\% | 62,394 | 62.3\% | 5,238 | 5.2\% | 2,358 | 2.4\% |
| Washington | 86,174 | 34,135 | 39.6\% | 45,417 | 52.7\% | 962 | 1.1\% | 5,660 | 6.6\% |
| West Virginia | 18,557 | 9,261 | 49.9\% | 8,757 | 47.2\% | 365 | 2.0\% | 174 | 0.9\% |
| Wisconsin | 64,104 | 23,500 | 36.7\% | 37,472 | 58.5\% | 1,832 | 2.9\% | 1,300 | 2.0\% |
| Wyoming | 6,875 | 2,197 | 32.0\% | 3,815 | 55.5\% | 536 | 7.8\% | 327 | 4.8\% |

Notes: Percent columns are calculated based on number of births. State is mother's legal state of residence recorded on the birth certificate.

Source: MACPAC, 2019, analysis of U.S. Centers for Disease Control and Prevention WONDER online database, Natality information- live births, https://wonder.cdc.gov/natality.html.

TABLE A-3. Demographic and Health Characteristics of Pregnant Women, by Insurance Status, 2018

| Characteristic | Total |  | Health insurance status |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Medicaid |  | Private insurance |  | Uninsured |  | Other |  |
|  | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Total | 3,832,168 | 100.0\% | 1,647,833 | 100.0\% | 1,881,528 | 100.0\% | 156,604 | 100.0\% | 146,203 | 100.0\% |
| Residence |  |  |  |  |  |  |  |  |  |  |
| Rural | 516,779 | 13.5\% | 258,306 | 15.7\% | 212,622 | 11.3\% | 25,347 | 16.2\% | 20,504 | 14.0\% |
| Urban | 3,315,389 | 86.5\% | 1,389,527 | 84.3\% | 1,668,906 | 88.7\% | 131,257 | 83.8\% | 125,699 | 86.0\% |
| Maternal age |  |  |  |  |  |  |  |  |  |  |
| 0-19 | 194,988 | 5.1\% | 151,033 | 9.2\% | 29,686 | 1.6\% | 6,929 | 4.4\% | 7,340 | 5.0\% |
| 20-34 | 2,962,002 | 77.3\% | 1,306,363 | 79.3\% | 1,420,537 | 75.5\% | 117,134 | 74.8\% | 117,968 | 80.7\% |
| 35 or older | 675,178 | 17.6\% | 190,437 | 11.6\% | 431,305 | 22.9\% | 32,541 | 20.8\% | 20,895 | 14.3\% |
| Maternal Hispanic ethnicity |  |  |  |  |  |  |  |  |  |  |
| Hispanic or Latino | 894,418 | 23.5\% | 538,171 | 32.9\% | 254,760 | 13.7\% | 59,498 | 38.3\% | 41,989 | 28.9\% |
| Not Hispanic or Latino | 2,906,389 | 76.5\% | 1,098,855 | 67.1\% | 1,608,528 | 86.3\% | 95,699 | 61.7\% | 103,307 | 71.1\% |
| Maternal Non-Hispanic race |  |  |  |  |  |  |  |  |  |  |
| American Indian or Alaska Native, non-Hispanic | 29,699 | 1.0\% | 19,973 | 1.8\% | 5,787 | 0.4\% | 541 | 0.6\% | 3,398 | 3.3\% |
| White, non-Hispanic | 1,979,495 | 68.1\% | 603,766 | 55.0\% | 1,248,310 | 77.6\% | 59,187 | 61.9\% | 68,232 | 66.1\% |
| Black, non-Hispanic | 557,571 | 19.2\% | 367,279 | 33.4\% | 154,483 | 9.6\% | 16,868 | 17.6\% | 18,941 | 18.3\% |
| Asian, non-Hispanic | 248,410 | 8.6\% | 62,221 | 5.7\% | 162,069 | 10.1\% | 16,819 | 17.6\% | 7,301 | 7.1\% |
| Native Hawaiian or Pacific Islander, non-Hispanic | 9,315 | 0.3\% | 5,232 | 0.5\% | 2,667 | 0.2\% | 586 | 0.6\% | 830 | 0.8\% |
| More than one race, nonHispanic | 81,899 | 2.8\% | 40,384 | 3.7\% | 35,212 | 2.2\% | 1,698 | 1.8\% | 4,605 | 4.5\% |
| Maternal years of education |  |  |  |  |  |  |  |  |  |  |
| 0-8 years | 123,476 | 3.3\% | 82,305 | 5.1\% | 9,023 | 0.5\% | 26,163 | 17.0\% | 5,985 | 4.1\% |
| 9-11 years | 378,566 | 10.0\% | 299,428 | 18.4\% | 40,892 | 2.2\% | 22,537 | 14.6\% | 15,709 | 10.9\% |
| 12 years | 967,101 | 25.6\% | 635,933 | 39.1\% | 259,518 | 14.0\% | 34,559 | 22.5\% | 37,091 | 25.6\% |

TABLE A-3. (continued)

| Characteristic | Total |  | Health insurance status |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Medicaid |  | Private insurance |  | Uninsured |  | Other |  |
|  | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| 12-15 years | 1,090,106 | 28.8\% | 483,466 | 29.7\% | 528,264 | 28.4\% | 28,381 | 18.4\% | 49,995 | 34.5\% |
| $\geq 16$ years | 1,224,980 | 32.4\% | 125,397 | 7.7\% | 1,021,231 | 54.9\% | 42,308 | 27.5\% | 36,044 | 24.9\% |
| History of prior births |  |  |  |  |  |  |  |  |  |  |
| Prior births | 2,374,261 | 62.1\% | 1,105,856 | 67.3\% | 1,071,167 | 57.0\% | 107,547 | 68.9\% | 89,691 | 61.5\% |
| Preterm | 125,541 | 5.3\% | 69,093 | 6.3\% | 47,852 | 4.5\% | 4,085 | 3.8\% | 4,511 | 5.0\% |
| Cesarean | 592,192 | 25.0\% | 274,795 | 24.9\% | 274,988 | 25.7\% | 21,279 | 19.8\% | 21,130 | 23.6\% |
| Health conditions |  |  |  |  |  |  |  |  |  |  |
| Overweight or obese | 1,993,077 | 53.3\% | 928,075 | 58.0\% | 920,772 | 49.9\% | 67,719 | 45.1\% | 76,511 | 53.6\% |
| Pre-pregnancy diabetes | 35,121 | 0.9\% | 17,748 | 1.1\% | 14,987 | 0.8\% | 1,011 | 0.7\% | 1,375 | 0.9\% |
| Gestational diabetes | 243,514 | 6.4\% | 102,398 | 6.2\% | 125,135 | 6.7\% | 7,623 | 4.9\% | 8,358 | 5.7\% |
| Pre-pregnancy hypertension | 72,586 | 1.9\% | 34,299 | 2.1\% | 33,769 | 1.8\% | 1,544 | 1.0\% | 2,974 | 2.0\% |
| Gestational hypertension | 247,054 | 6.5\% | 104,840 | 6.4\% | 127,441 | 6.8\% | 6,044 | 3.9\% | 8,729 | 6.0\% |
| Cigarette smoking before pregnancy | 341,701 | 9.0\% | 239,845 | 14.7\% | 84,517 | 4.5\% | 7,129 | 4.6\% | 10,210 | 7.0\% |
| Cigarette smoking during pregnancy | 262,678 | 6.9\% | 196,838 | 12.0\% | 52,498 | 2.8\% | 5,944 | 3.8\% | 7,398 | 5.1\% |

Notes: Percent columns are calculated based on number of births. Total number of births may not be consistent across breaks due to missing values or suppression. Urban and rural categories are based on the mother's legal county of residence as recorded on the birth certificate and are defined using the 2013 National Center for Health Statistics Urban-Rural Scheme for Counties. Urban includes counties classified as large central metro, large fringe metro, medium metro, and small metro. Rural includes counties classified as micropolitan and non-core. Preterm birth is delivery prior to 37 weeks.
Source: MACPAC, 2019, analysis of U.S. Centers for Disease Control and Prevention WONDER online database, Natality information- live births, https://wonder.cdc.gov/natality.html.

TABLE A-4. Demographic and Health Characteristics, by Urban and Rural Status and Payer, 2018

| Characteristic | Urban |  |  |  | Rural |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Medicaid | Private | Uninsured | Other | Medicaid | Private | Uninsured | Other |
| Maternal age |  |  |  |  |  |  |  |  |
| 0-19 | 8.7\% | 1.4\% | 4.4\% | 4.8\% | 11.8\% | 2.7\% | 4.6\% | 6.2\% |
| 20-34 | 79.1\% | 74.5\% | 74.2\% | 80.4\% | 80.5\% | 83.3\% | 77.7\% | 82.6\% |
| 35 or older | 12.3\% | 24.1\% | 21.4\% | 14.8\% | 7.8\% | 14.1\% | 17.6\% | 11.3\% |
| Maternal Hispanic ethnicity |  |  |  |  |  |  |  |  |
| Hispanic or Latino | 36.2\% | 14.6\% | 40.7\% | 31.3\% | 15.4\% | 6.7\% | 26.2\% | 14.4\% |
| Maternal race |  |  |  |  |  |  |  |  |
| American Indian or Alaska Native, non-Hispanic | 1.0\% | 0.3\% | 0.4\% | 1.7\% | 5.0\% | 1.0\% | 1.4\% | 10.9\% |
| White, non-Hispanic | 50.2\% | 75.6\% | 54.8\% | 64.4\% | 74.3\% | 92.0\% | 91.2\% | 74.0\% |
| Black, non-Hispanic | 37.6\% | 10.4\% | 20.9\% | 20.2\% | 16.6\% | 3.8\% | 4.1\% | 8.9\% |
| Asian, non-Hispanic | 6.8\% | 11.3\% | 21.4\% | 8.1\% | 0.9\% | 1.5\% | 1.6\% | 2.1\% |
| Native Hawaiian or Pacific Islander, non-Hispanic | 0.5\% | 0.2\% | 0.6\% | 0.9\% | 0.3\% | 0.1\% | 0.6\% | 0.3\% |
| More than one race, nonHispanic | 3.9\% | 2.3\% | 1.9\% | 4.6\% | 3.0\% | 1.6\% | 1.2\% | 3.7\% |
| Maternal years of education |  |  |  |  |  |  |  |  |
| 0-8 years | 5.4\% | 0.5\% | 13.0\% | 3.9\% | 3.3\% | 0.8\% | 37.4\% | 5.6\% |
| 9-11 years | 18.3\% | 2.1\% | 14.9\% | 10.9\% | 18.9\% | 3.1\% | 13.4\% | 10.4\% |
| 12 years | 38.4\% | 13.2\% | 22.6\% | 25.2\% | 42.7\% | 19.7\% | 21.5\% | 28.1\% |
| 12-15 years | 29.6\% | 27.2\% | 18.8\% | 34.3\% | 30.5\% | 37.8\% | 16.6\% | 35.7\% |
| $\geq 16$ years | 8.3\% | 57.0\% | 30.7\% | 25.7\% | 4.7\% | 38.6\% | 11.0\% | 20.2\% |

TABLE A-4. (continued)

| Characteristic | Urban |  |  |  | Rural |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Medicaid | Private | Uninsured | Other | Medicaid | Private | Uninsured | Other |
| History of prior births |  |  |  |  |  |  |  |  |
| Prior births | 67.3\% | 56.5\% | 67.6\% | 61.0\% | 67.1\% | 61.0\% | 76.1\% | 64.8\% |
| Preterm | 6.2\% | 4.4\% | 3.8\% | 5.0\% | 6.6\% | 4.8\% | 3.8\% | 5.3\% |
| Cesarean | 25.0\% | 25.8\% | 20.8\% | 23.8\% | 24.4\% | 24.7\% | 15.2\% | 22.2\% |
| Health conditions |  |  |  |  |  |  |  |  |
| Overweight or obese | 57.6\% | 49.0\% | 44.2\% | 53.2\% | 59.9\% | 57.3\% | 49.2\% | 56.1\% |
| Pre-pregnancy diabetes | 1.1\% | 0.8\% | 0.7\% | 0.9\% | 1.2\% | 1.0\% | 0.6\% | 1.2\% |
| Gestational diabetes | 6.3\% | 6.7\% | 5.1\% | 5.7\% | 5.9\% | 6.6\% | 3.9\% | 5.8\% |
| Pre-pregnancy hypertension | 2.1\% | 1.7\% | 1.0\% | 2.0\% | 2.3\% | 2.2\% | 0.9\% | 2.2\% |
| Gestational hypertension | 6.3\% | 6.6\% | 3.9\% | 5.9\% | 6.7\% | 8.0\% | 3.5\% | 6.6\% |
| Cigarette smoking before pregnancy | 12.2\% | 3.9\% | 3.9\% | 5.9\% | 27.8\% | 9.2\% | 8.3\% | 14.0\% |
| Cigarette smoking during pregnancy | 9.9\% | 2.3\% | 3.2\% | 4.2\% | 23.6\% | 6.4\% | 7.2\% | 10.8\% |
| Access to prenatal care |  |  |  |  |  |  |  |  |
| Prenatal care began in first trimester | 68.0\% | 87.3\% | 56.7\% | 76.4\% | 69.9\% | 86.0\% | 47.1\% | 73.7\% |
| Nine or more prenatal care visits | 76.2\% | 88.3\% | 67.9\% | 78.6\% | 76.7\% | 88.8\% | 56.2\% | 77.5\% |
| Place of birth |  |  |  |  |  |  |  |  |
| Hospital | 99.4\% | 99.0\% | 84.3\% | 98.7\% | 99.4\% | 99.2\% | 65.4\% | 96.6\% |
| Freestanding birth center | 0.2\% | 0.5\% | 3.4\% | 0.4\% | 0.2\% | 0.3\% | 7.5\% | 0.2\% |
| Home birth | 0.3\% | 0.4\% | 11.9\% | 0.9\% | 0.4\% | 0.4\% | 24.2\% | 3.0\% |
| Attendant at birth |  |  |  |  |  |  |  |  |
| Doctor | 90.4\% | 89.9\% | 77.5\% | 83.7\% | 90.7\% | 90.8\% | 58.6\% | 82.1\% |
| Certified nurse midwife | 8.6\% | 9.3\% | 11.1\% | 12.5\% | 8.2\% | 8.3\% | 15.8\% | 13.4\% |

TABLE A-4. (continued)

| Characteristic | Urban |  |  |  | Rural |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Medicaid | Private | Uninsured | Other | Medicaid | Private | Uninsured | Other |
| Other midwife | 0.3\% | 0.4\% | 8.8\% | 0.5\% | 0.3\% | 0.4\% | 17.9\% | 2.2\% |
| Maternal and birth outcome |  |  |  |  |  |  |  |  |
| Cesarean | 31.5\% | 33.2\% | 25.9\% | 29.3\% | 32.5\% | 32.8\% | 18.6\% | 29.4\% |
| Preterm birth | 11.0\% | 9.1\% | 8.7\% | 9.6\% | 11.3\% | 9.3\% | 8.1\% | 10.4\% |
| Low-birthweight infant | 9.7\% | 7.2\% | 7.1\% | 7.8\% | 9.9\% | 6.8\% | 6.5\% | 8.1\% |

Notes: Percent columns are calculated based on number of births. Total number of births may not be consistent across breakdowns due to missing values or suppression. Urban and rural categories are based on the mother's legal county of residence as recorded on the birth certificate and are defined using the 2013 National Center on Health Statistics Urban-Rural Scheme for Counties. Urban includes counties classified as large central metro, large fringe metro, medium metro, and small metro. Rural includes counties classified as micropolitan and noncore. Preterm birth is delivery prior to 37 weeks. Low birthweight is less than 2,500 grams.

Source: MACPAC, 2019, analysis of U.S. Centers for Disease Control and Prevention WONDER online database, Natality information- live births, https://wonder.cdc.gov/natality.html.

TABLE A-5. Place of Birth and Birth Attendee among Medicaid Births, by State, 2018

| State or territory | Place of birth |  |  | Birth attendant |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hospital | Freestanding birth center | Home | Doctor | Certified nurse midwife | Other midwife |
| United States | 99.36\% | 0.21\% | 0.34\% | 90.43\% | 8.57\% | 0.31\% |
| Alabama | 99.68\% | -- | 0.24\% | 98.46\% | 0.79\% | -- |
| Alaska | 93.69\% | 4.40\% | 1.59\% | 63.49\% | 30.73\% | 5.37\% |
| Arizona | 99.59\% | 0.17\% | 0.13\% | 92.31\% | 7.42\% | 0.03\% |
| Arkansas | 99.76\% | -- | 0.15\% | 99.29\% | 0.07\% | -- |
| California | 99.57\% | 0.15\% | 0.19\% | 93.51\% | 5.92\% | 0.06\% |
| Colorado | 99.14\% | 0.33\% | 0.47\% | 77.74\% | 21.48\% | -- |
| Connecticut | 99.34\% | 0.18\% | 0.38\% | 89.46\% | 10.33\% | -- |
| Delaware | 98.91\% | 0.62\% | 0.35\% | 89.43\% | 9.74\% | -- |
| District of Columbia | 99.30\% | -- | 0.31\% | 91.69\% | 7.92\% | -- |
| Florida | 98.59\% | 0.62\% | 0.67\% | 85.96\% | 12.32\% | 1.01\% |
| Georgia | 99.63\% | 0.09\% | 0.28\% | 85.41\% | 12.59\% | 0.20\% |
| Hawaii | 98.58\% | -- | 0.77\% | 89.65\% | 9.86\% | -- |
| Idaho | 97.93\% | 0.94\% | 1.06\% | 87.53\% | 10.47\% | 1.56\% |
| Illinois | 99.68\% | -- | 0.22\% | 90.18\% | 9.11\% | 0.12\% |
| Indiana | 99.82\% | -- | 0.18\% | 92.20\% | 6.66\% | 0.59\% |
| lowa | 99.68\% | -- | 0.26\% | 89.55\% | 10.16\% | -- |
| Kansas | 99.40\% | 0.39\% | 0.17\% | 94.04\% | 5.69\% | -- |
| Kentucky | 99.61\% | 0.04\% | 0.23\% | 91.81\% | 7.75\% | 0.14\% |
| Louisiana | 99.63\% | 0.10\% | 0.21\% | 96.33\% | 3.36\% | 0.12\% |
| Maine | 99.40\% | -- | 0.52\% | 79.70\% | 20.05\% | -- |
| Maryland | 99.33\% | 0.17\% | 0.36\% | 86.61\% | 12.57\% | 0.06\% |
| Massachusetts | 99.45\% | 0.13\% | 0.32\% | 79.17\% | 19.13\% | 1.33\% |
| Michigan | 99.62\% | -- | 0.31\% | 90.21\% | 8.98\% | 0.35\% |
| Minnesota | 99.04\% | 0.27\% | 0.61\% | 86.24\% | 13.02\% | 0.12\% |
| Mississippi | 99.74\% | -- | 0.21\% | 97.08\% | 2.29\% | -- |
| Missouri | 99.34\% | 0.28\% | 0.26\% | 95.68\% | 3.82\% | -- |
| Montana | 99.05\% | 0.43\% | 0.51\% | 87.00\% | 12.01\% | -- |
| Nebraska | 99.78\% | -- | 0.17\% | 92.85\% | 6.63\% | -- |
| Nevada | 99.58\% | -- | 0.35\% | 93.33\% | 4.32\% | 0.37\% |
| New Hampshire | 97.90\% | 0.94\% | 1.13\% | 75.06\% | 22.97\% | 1.49\% |
| New Jersey | 99.55\% | -- | 0.29\% | 89.71\% | 9.10\% | -- |
| New Mexico | 98.28\% | 0.52\% | 1.05\% | 68.21\% | 30.08\% | 1.07\% |
| New York | 99.22\% | 0.08\% | 0.53\% | 87.09\% | 12.33\% | -- |

TABLE A-5. (continued)

| State or territory | Place of birth |  |  | Birth attendant |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hospital | Freestanding birth center | Home | Doctor | Certified nurse midwife | Other midwife |
| North Carolina | 99.28\% | 0.44\% | 0.26\% | 87.18\% | 12.40\% | 0.11\% |
| North Dakota | 99.51\% | -- | -- | 92.79\% | 7.10\% | -- |
| Ohio | 99.70\% | -- | 0.22\% | 90.97\% | 8.51\% | 0.19\% |
| Oklahoma | 99.73\% | -- | 0.18\% | 96.53\% | 2.83\% | -- |
| Oregon | 98.44\% | 0.66\% | 0.85\% | 78.24\% | 20.27\% | 0.50\% |
| Pennsylvania | 99.32\% | 0.27\% | 0.31\% | 87.92\% | 11.52\% | -- |
| Rhode Island | 99.59\% | -- | 0.39\% | 86.98\% | 12.97\% | -- |
| South Carolina | 99.38\% | 0.34\% | 0.26\% | 94.67\% | 4.44\% | 0.43\% |
| South Dakota | 99.59\% | -- | 0.41\% | 90.49\% | 8.40\% | -- |
| Tennessee | 99.70\% | 0.12\% | 0.17\% | 93.00\% | 5.47\% | 0.92\% |
| Texas | 99.70\% | 0.20\% | 0.09\% | 96.42\% | 2.75\% | 0.29\% |
| Utah | 99.68\% | 0.10\% | 0.17\% | 88.96\% | 10.53\% | - |
| Vermont | 97.48\% | -- | 2.44\% | 73.32\% | 23.92\% | 2.02\% |
| Virginia | 99.43\% | 0.07\% | 0.48\% | 92.11\% | 7.30\% | 0.39\% |
| Washington | 97.05\% | 1.27\% | 1.59\% | 84.14\% | 7.49\% | 2.27\% |
| West Virginia | 99.47\% | -- | 0.31\% | 88.40\% | 11.19\% | 0.11\% |
| Wisconsin | 99.31\% | 0.21\% | 0.47\% | 88.92\% | 11.00\% | -- |
| Wyoming | 98.95\% | -- | 1.00\% | 94.90\% | 3.92\% | 0.77\% |

Notes: Universe is births paid for by Medicaid. Percent columns are calculated based on number of births. Total number of births may not be consistent across breakdowns due to missing values and/or suppression. Home births include both those intended and unintended. State is mother's legal state of residence recorded on the birth certificate.

- Dash indicates data suppressed by CDC WONDER because the number of births was less than 10 .

Source: MACPAC, 2019, analysis of U.S. Centers for Disease Control and Prevention WONDER online database, Natality information- live births, https://wonder.cdc.gov/natality.html.

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TABLE A-6. Prenatal Care and Birth Outcomes among Medicaid Births, by State, 2018

| State or territory | Prenatal care began in first trimester | Nine or more prenatal care visits | Cesarean section | Preterm birth | Lowbirthweight baby |
| :---: | :---: | :---: | :---: | :---: | :---: |
| United States | 68.3\% | 76.3\% | 31.7\% | 11.0\% | 9.7\% |
| Alabama | 60.9\% | 72.6\% | 33.9\% | 12.9\% | 11.3\% |
| Alaska | 66.5\% | 63.2\% | 19.7\% | 10.3\% | 6.7\% |
| Arizona | 65.3\% | 73.1\% | 25.6\% | 9.9\% | 7.7\% |
| Arkansas | 59.5\% | 71.2\% | 33.4\% | 12.0\% | 9.4\% |
| California | 78.5\% | 83.6\% | 31.4\% | 9.3\% | 6.7\% |
| Colorado | 69.7\% | 69.7\% | 24.8\% | 9.5\% | 9.0\% |
| Connecticut | 78.3\% | 81.5\% | 34.0\% | 10.8\% | 8.5\% |
| Delaware | 68.7\% | 71.7\% | 31.9\% | 11.7\% | 10.6\% |
| District of Columbia | 52.4\% | 55.1\% | 30.9\% | 13.8\% | 13.1\% |
| Florida | 65.4\% | 73.1\% | 36.1\% | 11.5\% | 9.7\% |
| Georgia | 66.7\% | 75.9\% | 33.8\% | 12.8\% | 10.8\% |
| Hawaii | 65.5\% | 66.2\% | 24.9\% | 10.7\% | 7.1\% |
| Idaho | 73.3\% | 80.7\% | 24.1\% | 10.0\% | 7.3\% |
| Illinois | 66.3\% | 74.1\% | 29.5\% | 11.6\% | 9.3\% |
| Indiana | 60.8\% | 74.2\% | 29.8\% | 11.0\% | 9.0\% |
| Iowa | 72.2\% | 82.7\% | 30.6\% | 10.5\% | 7.4\% |
| Kansas | 74.5\% | 79.0\% | 30.5\% | 11.3\% | 8.3\% |
| Kentucky | 73.6\% | 80.1\% | 35.2\% | 12.5\% | 9.9\% |
| Louisiana | 70.6\% | 77.6\% | 36.9\% | 13.8\% | 11.8\% |
| Maine | 79.1\% | 87.3\% | 30.4\% | 9.5\% | 7.7\% |
| Maryland | 61.6\% | 68.2\% | 33.0\% | 11.6\% | 9.3\% |
| Massachusetts | 71.6\% | 79.7\% | 31.0\% | 9.6\% | 7.5\% |
| Michigan | 71.4\% | 80.1\% | 31.8\% | 11.5\% | 9.8\% |
| Minnesota | 71.5\% | 74.6\% | 26.4\% | 9.8\% | 7.2\% |
| Mississippi | 72.7\% | 80.8\% | 37.2\% | 14.4\% | 12.8\% |
| Missouri | 64.2\% | 73.1\% | 29.7\% | 12.0\% | 9.9\% |
| Montana | 67.6\% | 73.0\% | 28.3\% | 11.4\% | 9.1\% |
| Nebraska | 63.0\% | 72.7\% | 29.9\% | 11.1\% | 8.0\% |
| Nevada | 67.1\% | 77.5\% | 34.4\% | 11.9\% | 9.8\% |
| New Hampshire | 75.0\% | 81.5\% | 28.8\% | 9.3\% | 7.7\% |
| New Jersey | 61.8\% | 70.4\% | 33.7\% | 10.1\% | 7.5\% |
| New Mexico | 66.6\% | 69.8\% | 23.0\% | 10.3\% | 9.0\% |
| New York | 72.4\% | 76.5\% | 32.1\% | 9.0\% | 7.9\% |
| North Carolina | 65.3\% | 78.5\% | 28.9\% | 11.7\% | 10.5\% |

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TABLE A-6. (continued)

| State or territory | Prenatal care began in first trimester | Nine or more prenatal care visits | Cesarean section | Preterm birth | Lowbirthweight baby |
| :---: | :---: | :---: | :---: | :---: | :---: |
| North Dakota | 61.1\% | 62.1\% | 30.9\% | 10.3\% | 7.5\% |
| Ohio | 67.1\% | 74.2\% | 30.8\% | 12.3\% | 10.3\% |
| Oklahoma | 67.9\% | 75.4\% | 32.1\% | 12.0\% | 8.8\% |
| Oregon | 72.7\% | 81.1\% | 27.9\% | 9.4\% | 7.1\% |
| Pennsylvania | 68.6\% | 75.1\% | 30.6\% | 11.5\% | 9.8\% |
| Rhode Island | 78.3\% | 91.5\% | 30.3\% | 9.4\% | 7.8\% |
| South Carolina | 65.2\% | 77.4\% | 33.0\% | 12.8\% | 10.9\% |
| South Dakota | 61.1\% | 61.0\% | 25.5\% | 10.6\% | 6.8\% |
| Tennessee | 68.4\% | 75.7\% | 32.0\% | 12.5\% | 10.3\% |
| Texas | 59.7\% | 72.7\% | 34.2\% | 11.1\% | 8.3\% |
| Utah | 72.2\% | 78.7\% | 24.0\% | 10.2\% | 6.7\% |
| Vermont | 84.8\% | 89.4\% | 26.6\% | 8.7\% | 7.7\% |
| Virginia | 64.3\% | 79.9\% | 32.5\% | 11.2\% | 9.2\% |
| Washington | 69.7\% | 74.9\% | 26.9\% | 9.5\% | 6.9\% |
| West Virginia | 70.7\% | 75.7\% | 35.1\% | 13.4\% | 10.7\% |
| Wisconsin | 73.0\% | 78.9\% | 26.5\% | 11.3\% | 9.0\% |
| Wyoming | 66.1\% | 71.2\% | 25.8\% | 9.3\% | 8.1\% |

[^0]Source: MACPAC, 2019, analysis of U.S. Centers for Disease Control and Prevention WONDER online database, Natality information - live births, https://wonder.cdc.gov/natality.html.


[^0]:    Notes: Universe is births paid for by Medicaid. Percent columns are calculated based on number of births. Total number of births may not be consistent across breakdowns due to missing values or suppression. State is mother's legal state of residence recorded on the birth certificate.

