

Teen Pregnancy in Arkansas Data Deck Spring 2018

Chronic Disease Epidemiology Section
Epidemiology Branch
Center for Public Health Practice

Family Health Branch
Center for Health Advancement

Arkansas Department of Health



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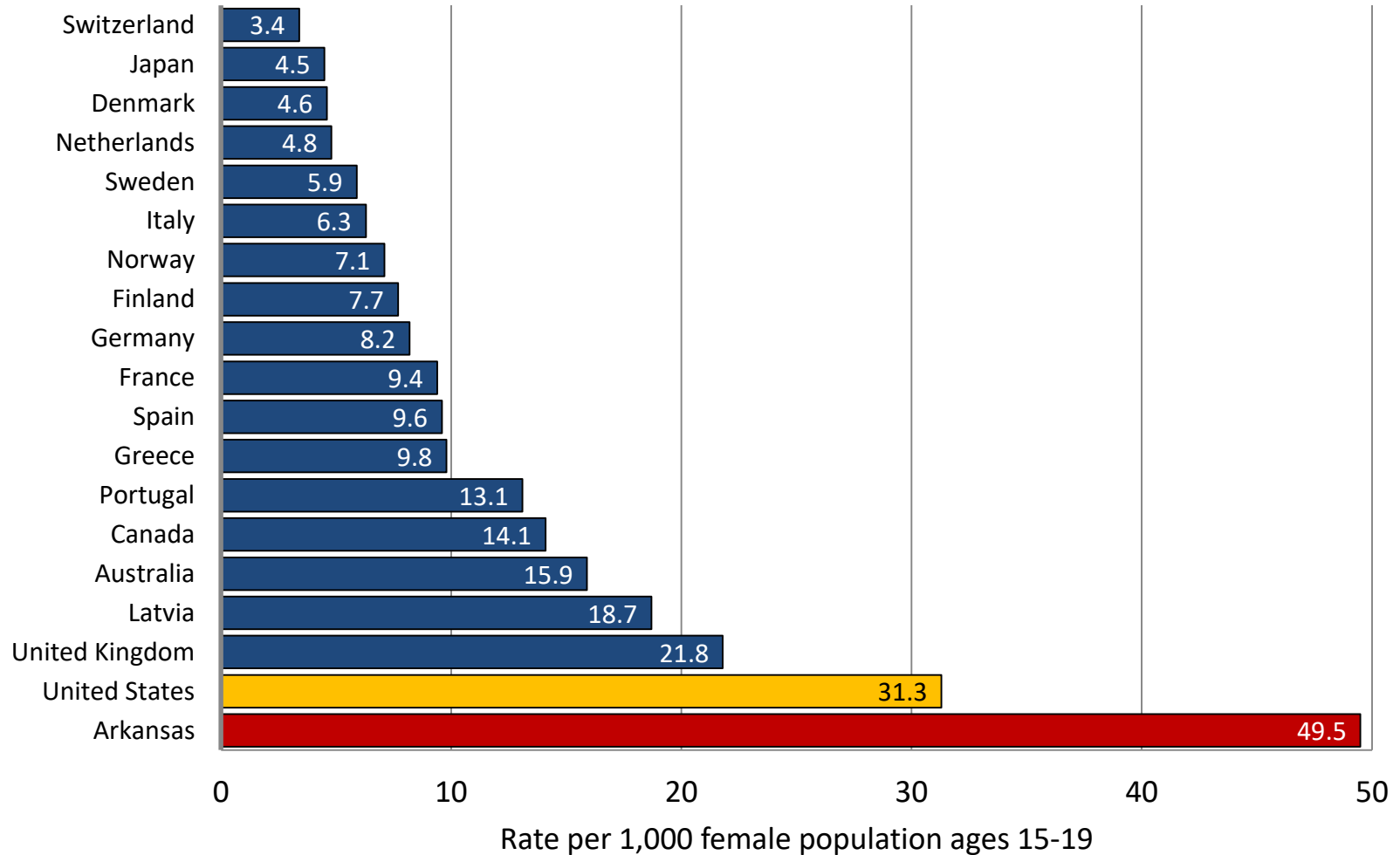
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BIRTHS AMONG TEENS

Birth Rates Among Females Ages 15-19

Arkansas, United States, and Selected Developed Countries, 2011

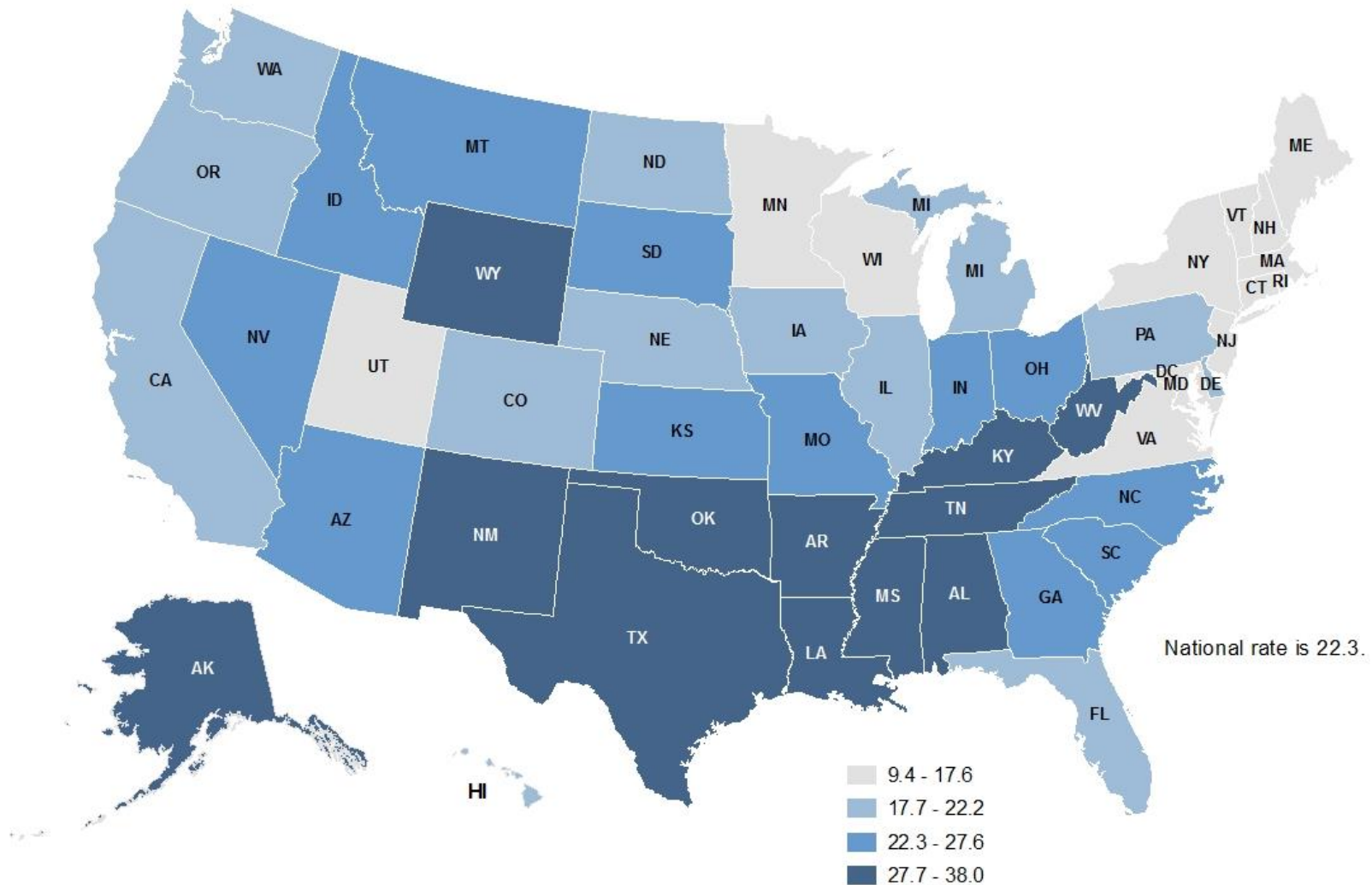


Notes: "Developed countries" were defined using the International Monetary Fund's (IMF) list of advanced economies. The 2011 United States teen birth rate is higher than all other 35 countries listed, although only a selection are highlighted above. Arkansas data are provisional and subject to change.

Sources: The National Campaign to Prevent Teen and Unplanned Pregnancy, *Fast Facts: Teen Birth Rates: How Does the United States Compare?* (August 2014) and Health Statistics Branch Query System, Arkansas Department of Health



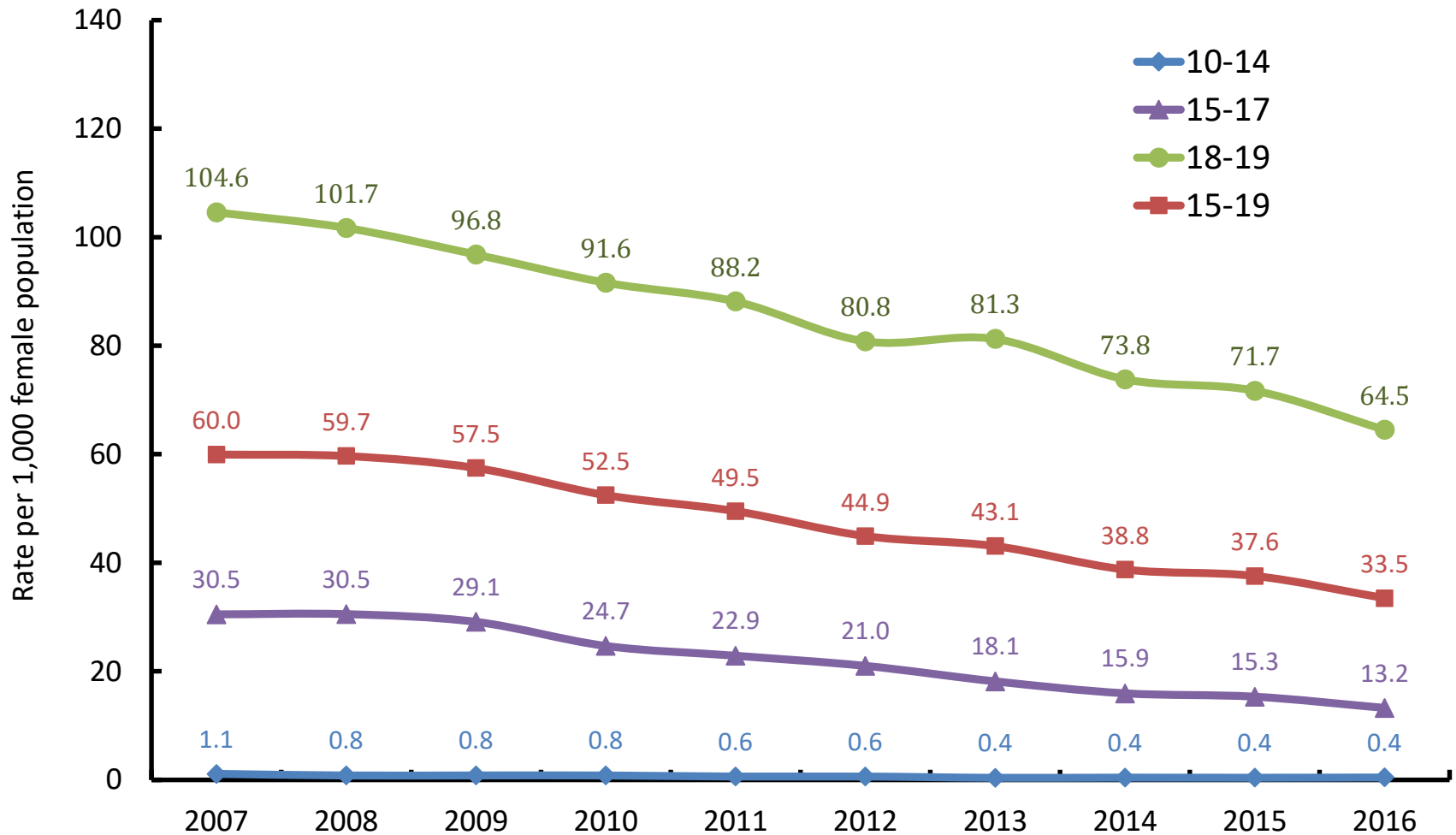
Birth Rates Among Females Ages 15-19 United States, 2015



Note: Rate per 1,000 female population ages 15-19. Classification method: Quantile.
Source: CDC WONDER Online Database, Center for Disease Control and Prevention



Birth Rates Among Females Ages 10-19 By Maternal Age, Arkansas

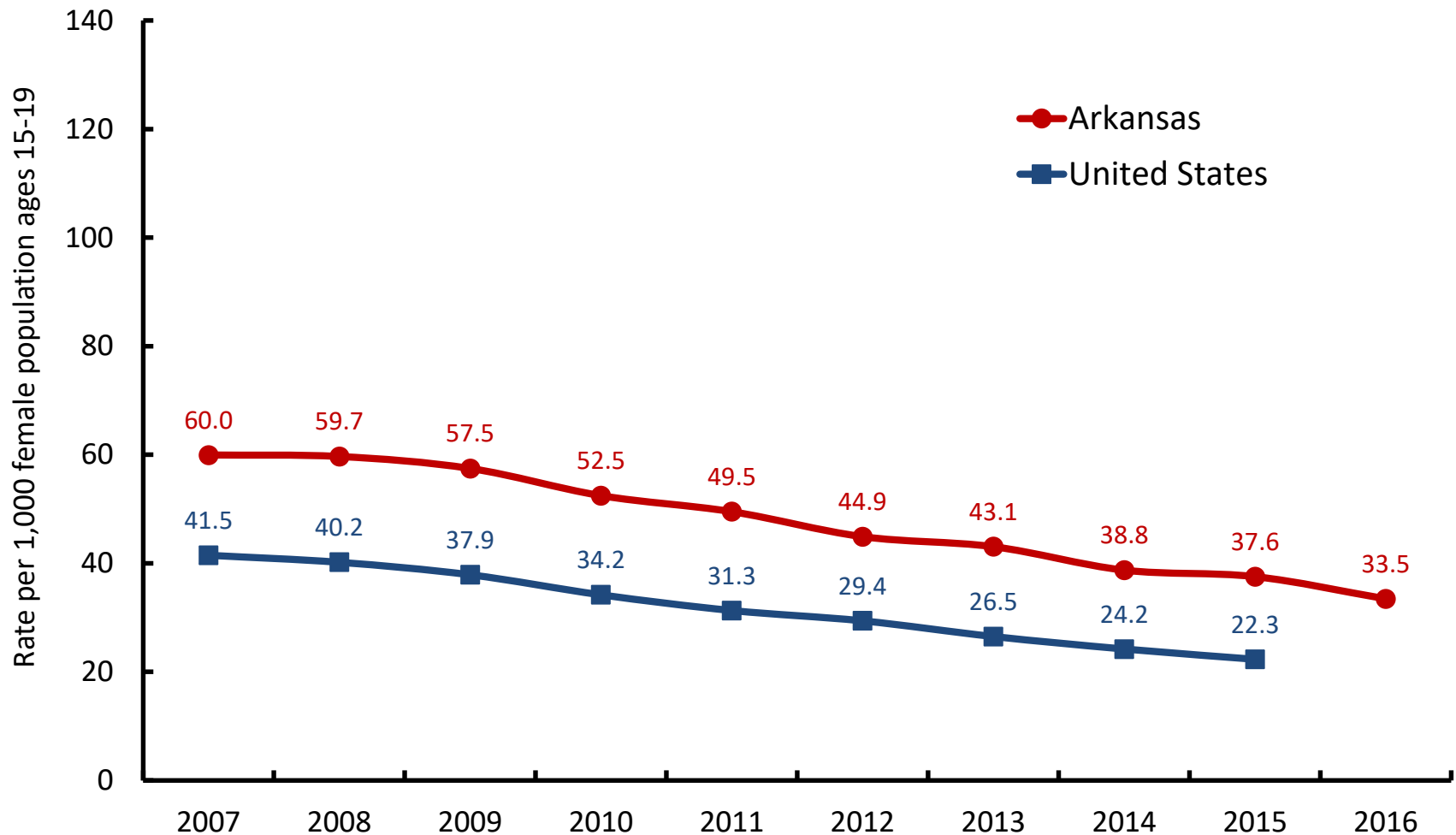


Note: Arkansas data for 2007-2016 are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



Birth Rates Among Females Ages 15-19

Arkansas and United States

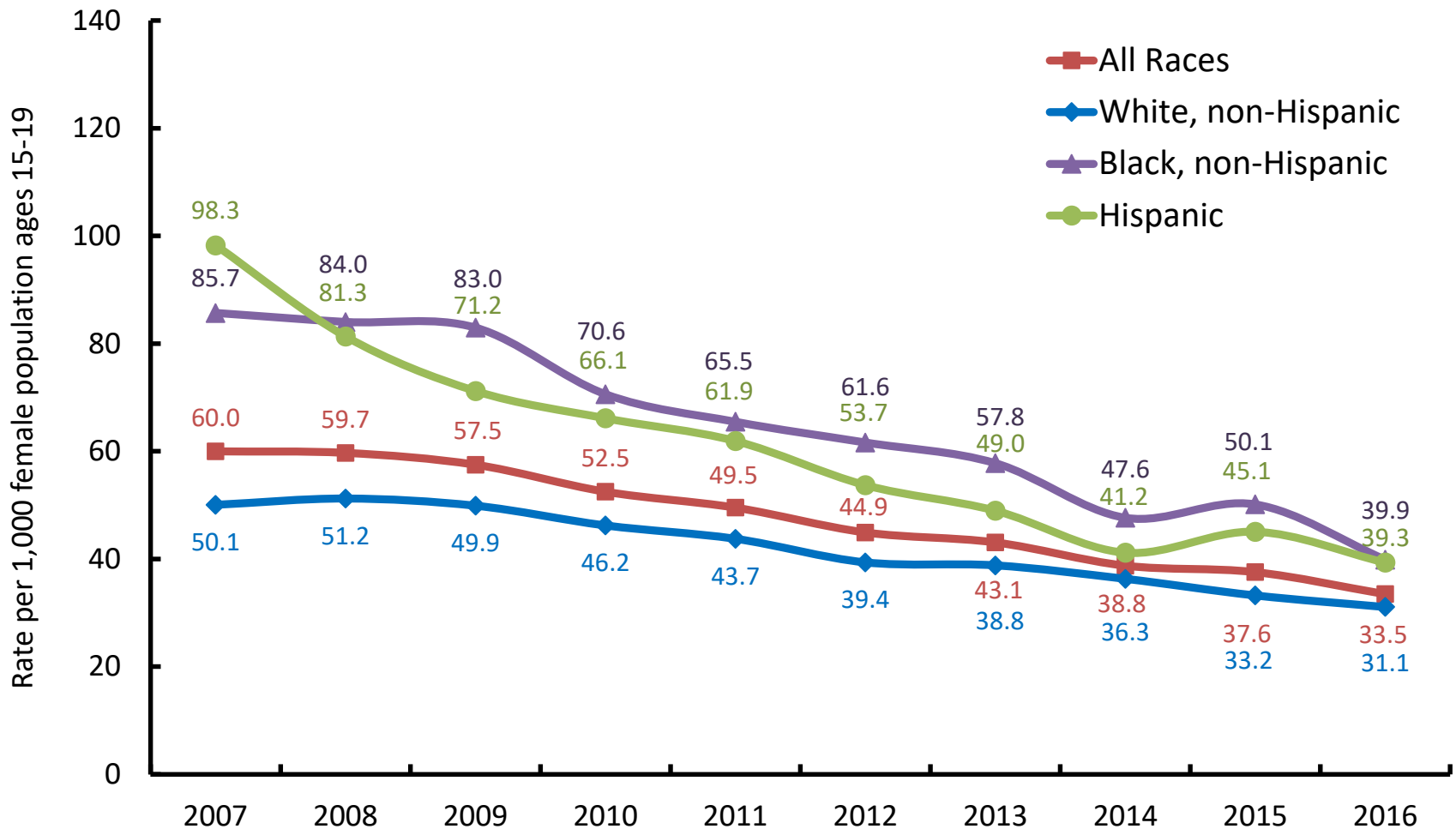


Note: Arkansas data for 2007-2016 are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



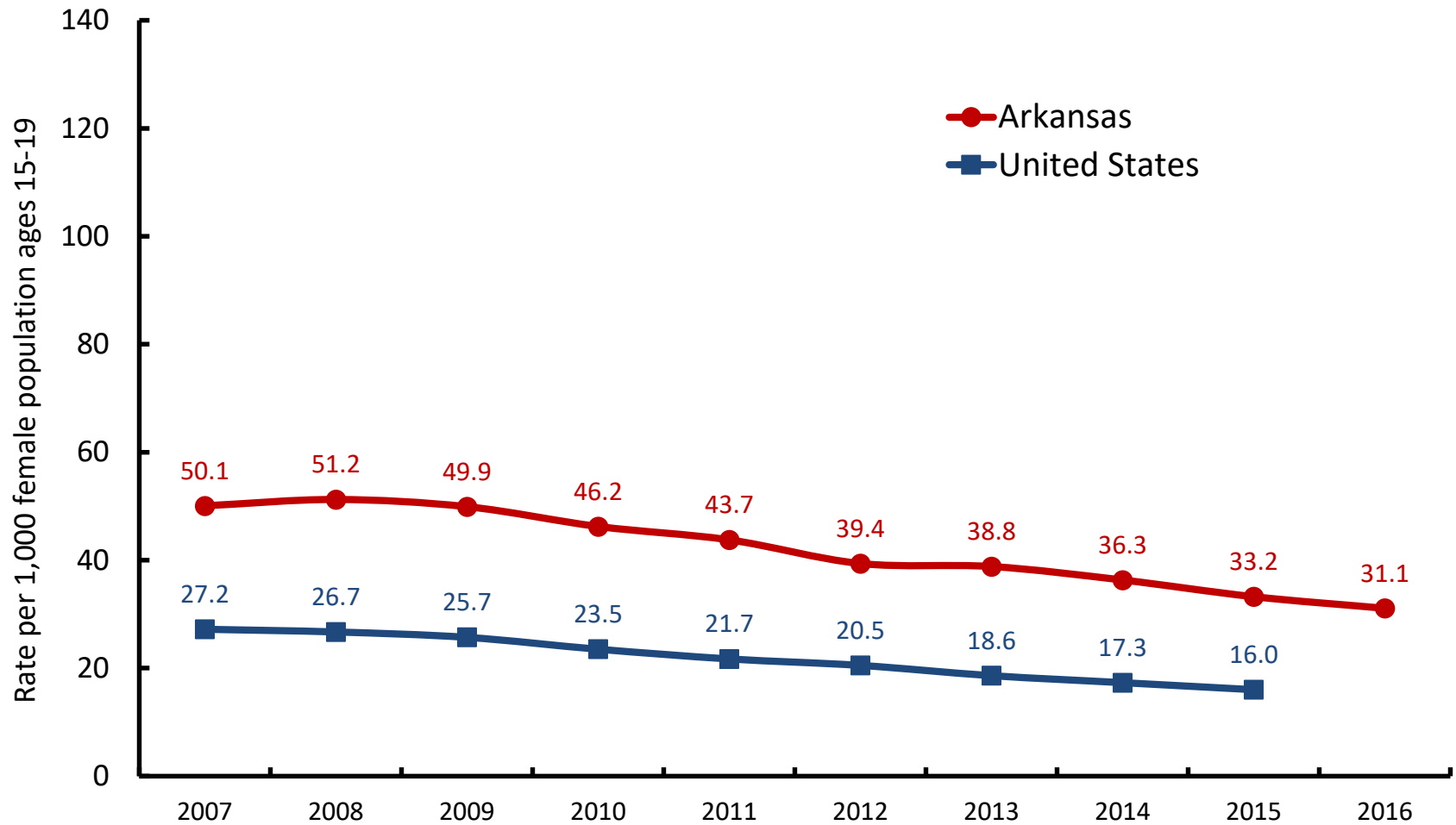
Birth Rates Among Females Ages 15-19 By Maternal Race/Ethnicity, Arkansas



Note: Arkansas data for 2007-2016 are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



Birth Rates Among White, Non-Hispanic Females Ages 15-19, Arkansas and United States

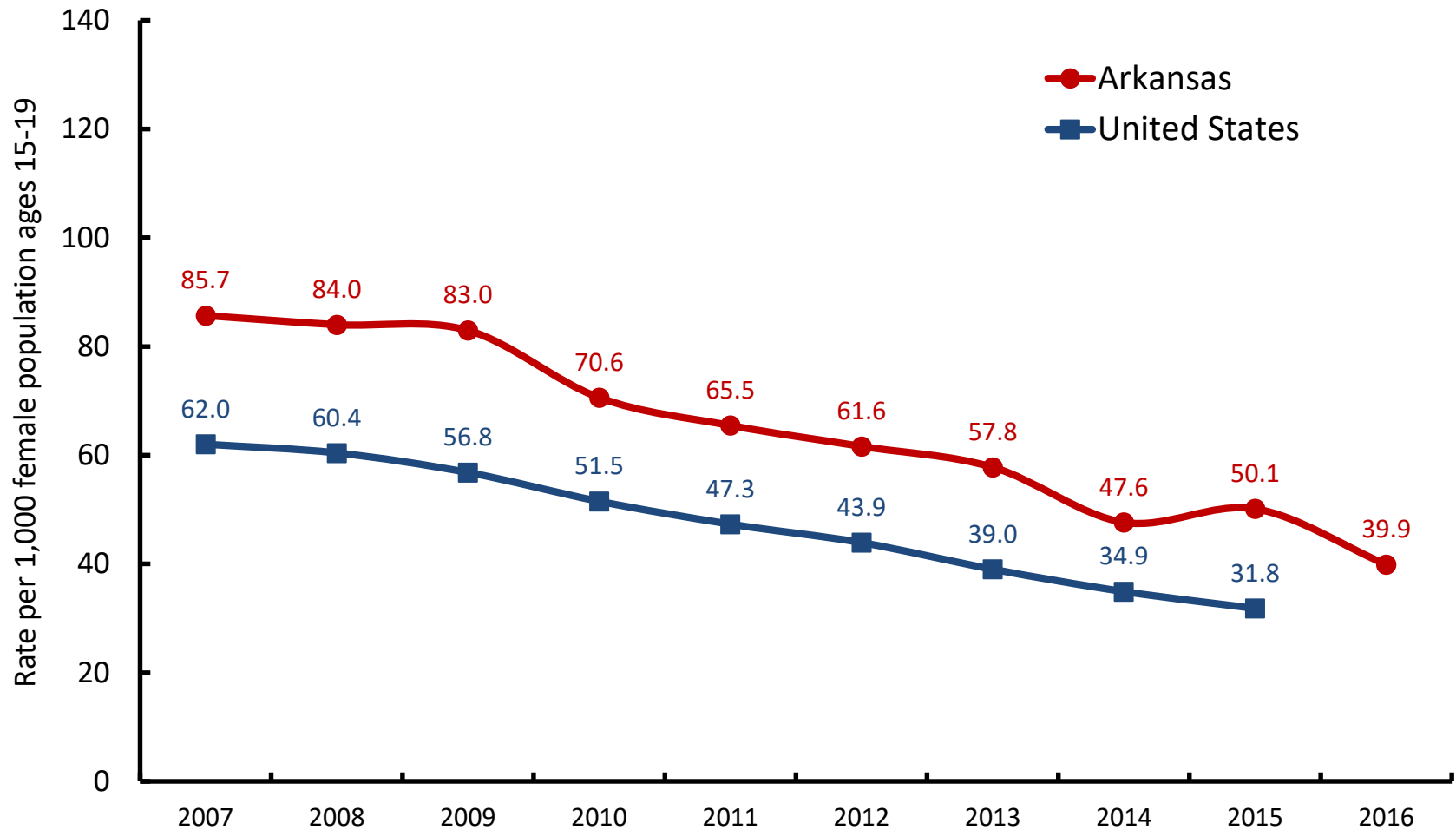


Note: Arkansas data for 2007-2016 are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and Martin JA, Hamilton BE, Osterman MJK, et al. (2017). *Births: Final data for 2015*. National vital statistics report; vol 66, no 1. Hyattsville, MD: National Center for Health Statistics



Birth Rates Among Black, Non-Hispanic Females Ages 15-19, Arkansas and United States

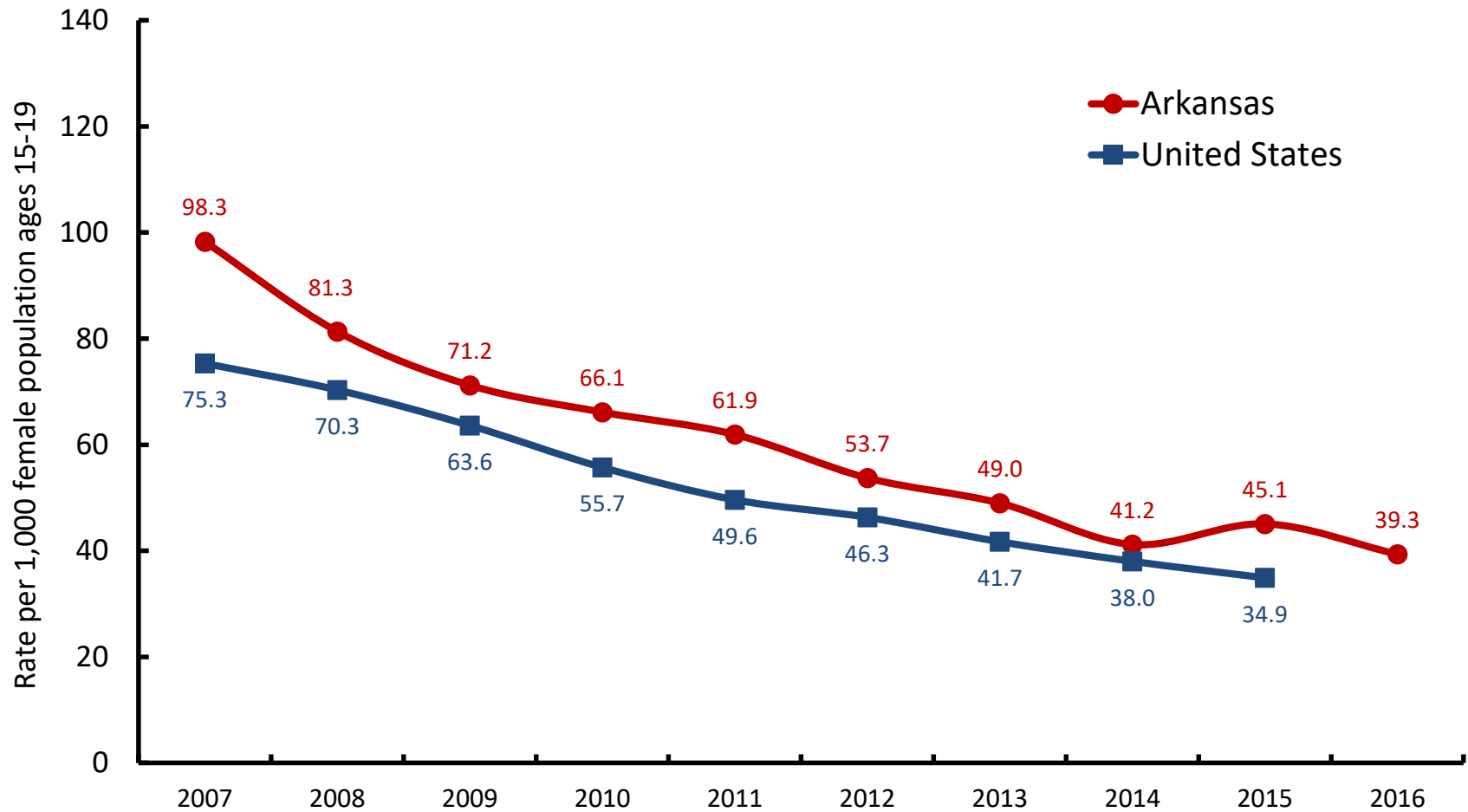


Note: Arkansas data for 2007-2016 are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and Martin JA, Hamilton BE, Osterman MJK, et al. (2017). *Births: Final data for 2015*. National vital statistics report; vol 66, no 1. Hyattsville, MD: National Center for Health Statistics



Birth Rates Among Hispanic Females Ages 15-19, Arkansas and United States

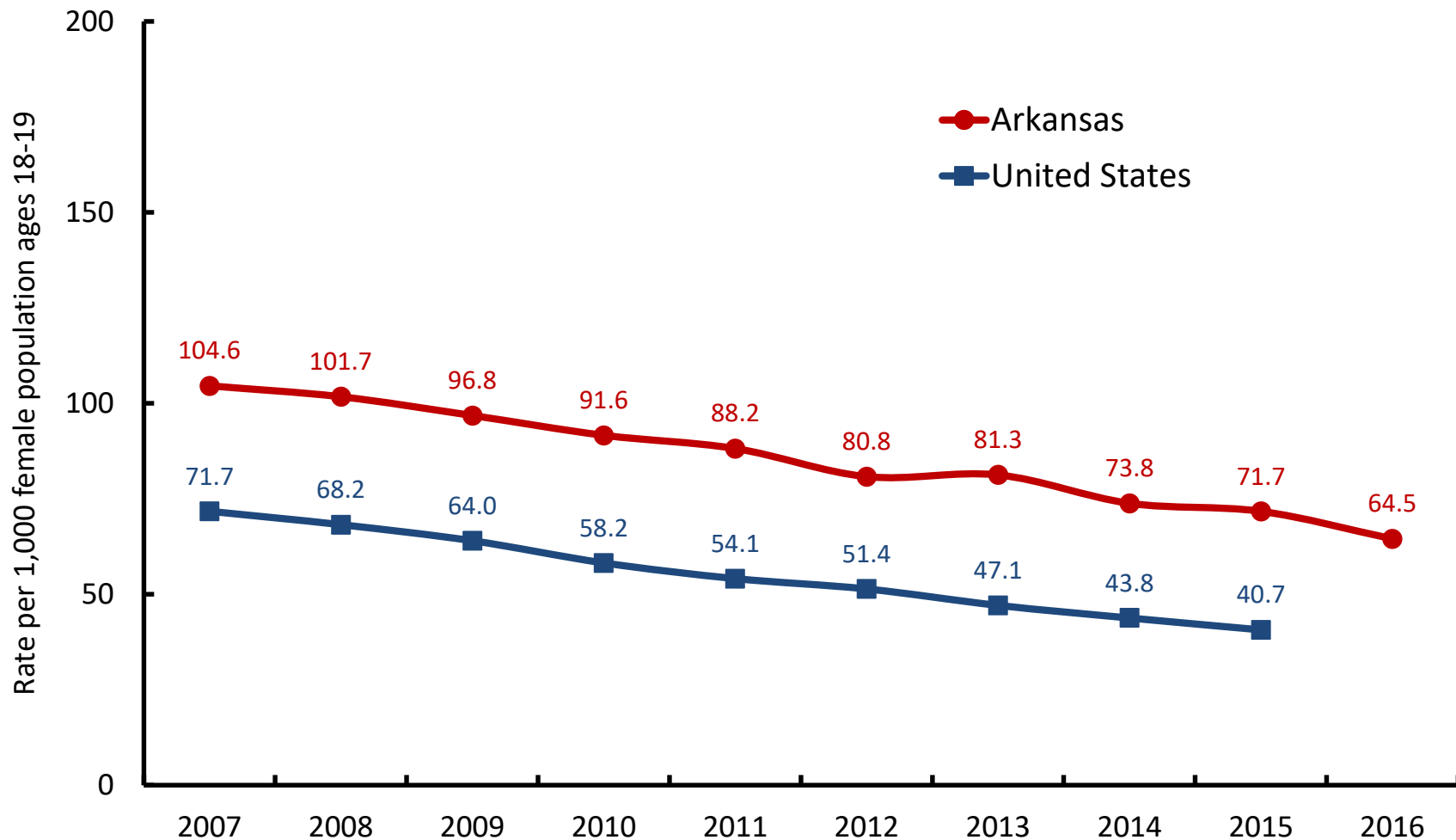


Note: Arkansas data for 2007-2016 are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and Martin JA, Hamilton BE, Osterman MJK, et al. (2017). *Births: Final data for 2015*. National vital statistics report; vol 66, no 1. Hyattsville, MD: National Center for Health Statistics



Birth Rates Among Females Ages 18-19 Arkansas and United States

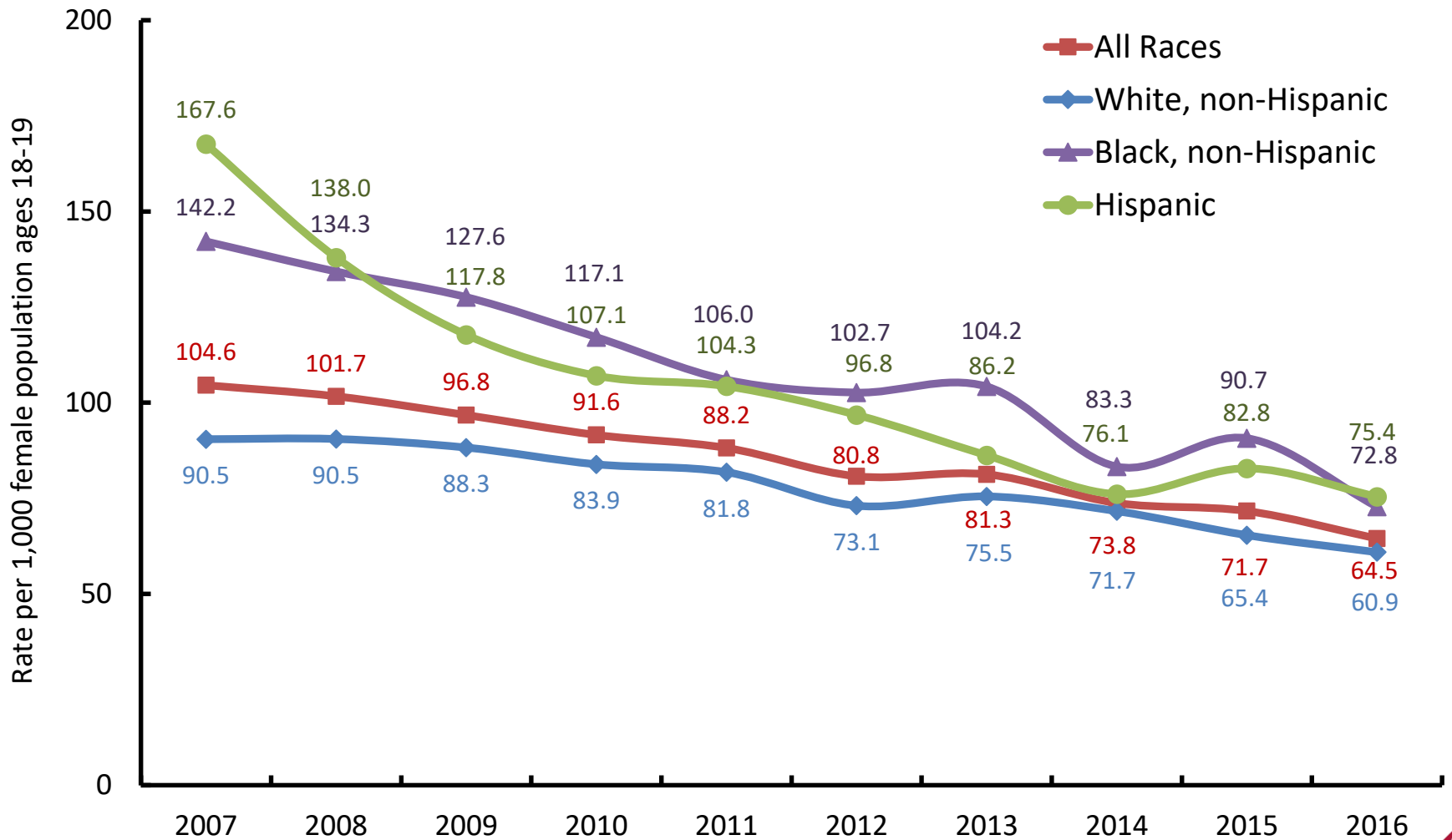


Note: Arkansas data for 2007-2016 are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



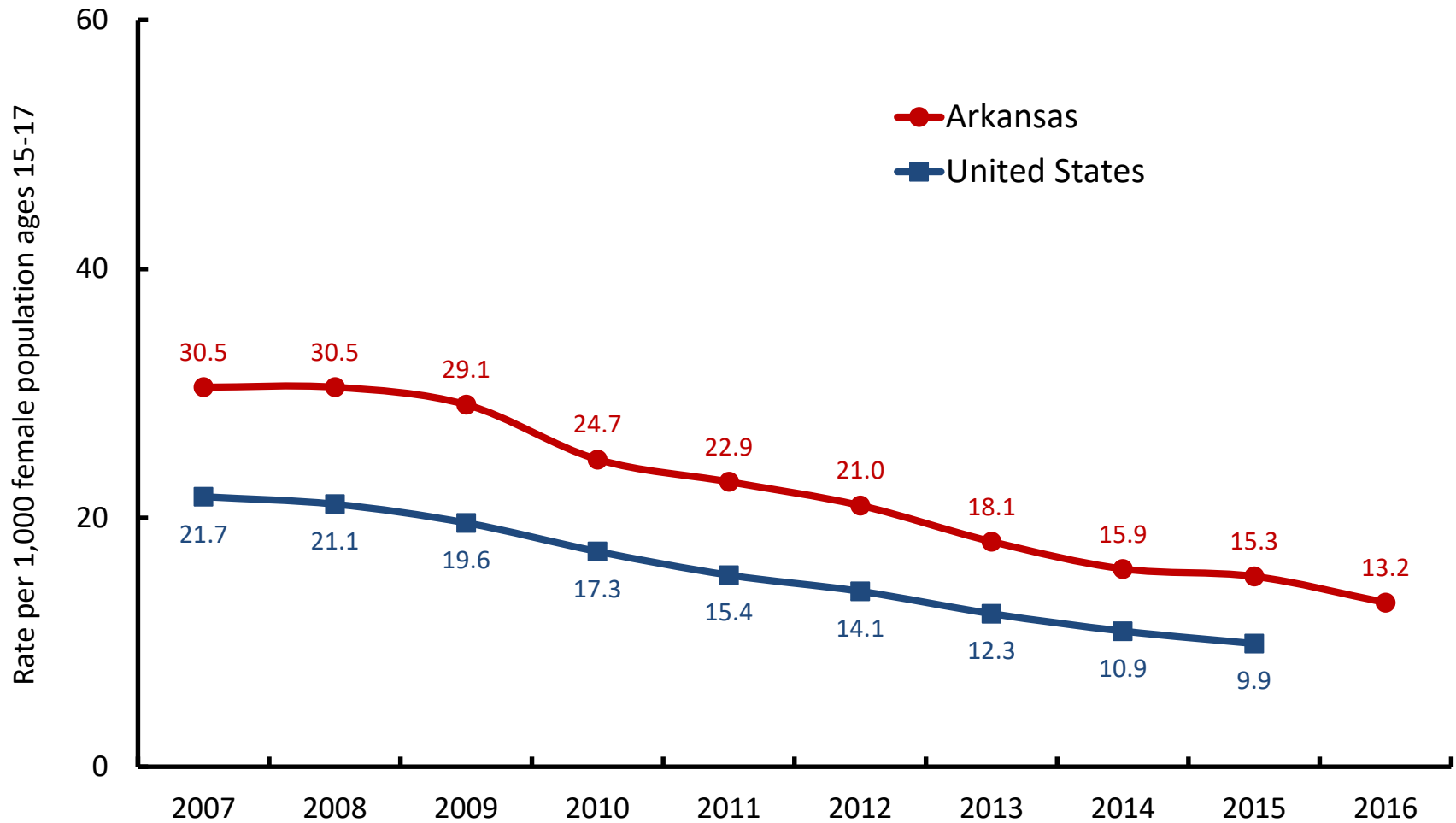
Birth Rates Among Females Ages 18-19 By Maternal Race/Ethnicity, Arkansas



Note: Arkansas data for 2007-2016 are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



Birth Rates Among Females Ages 15-17 Arkansas and United States

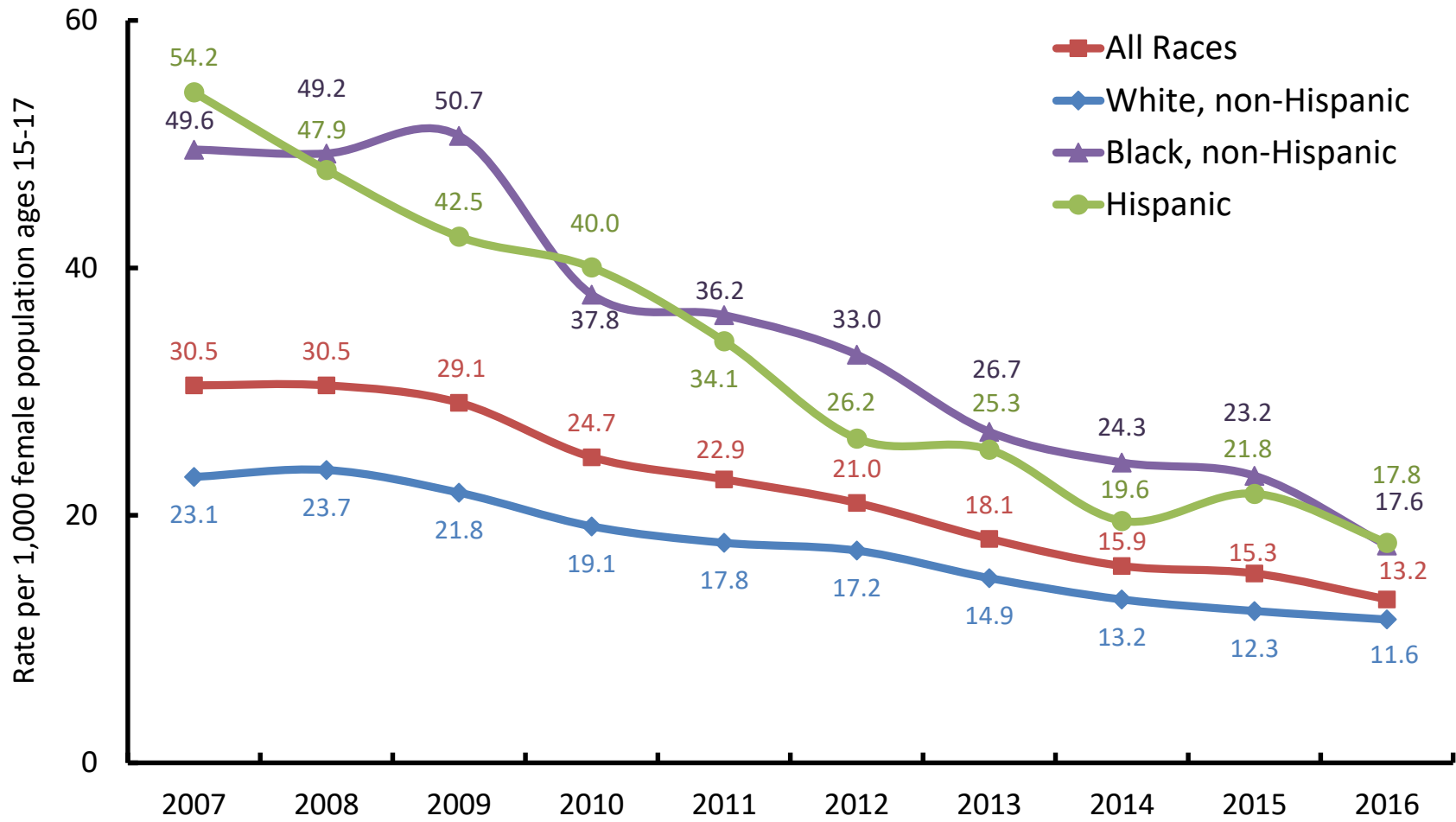


Note: Arkansas data for 2007-2016 are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



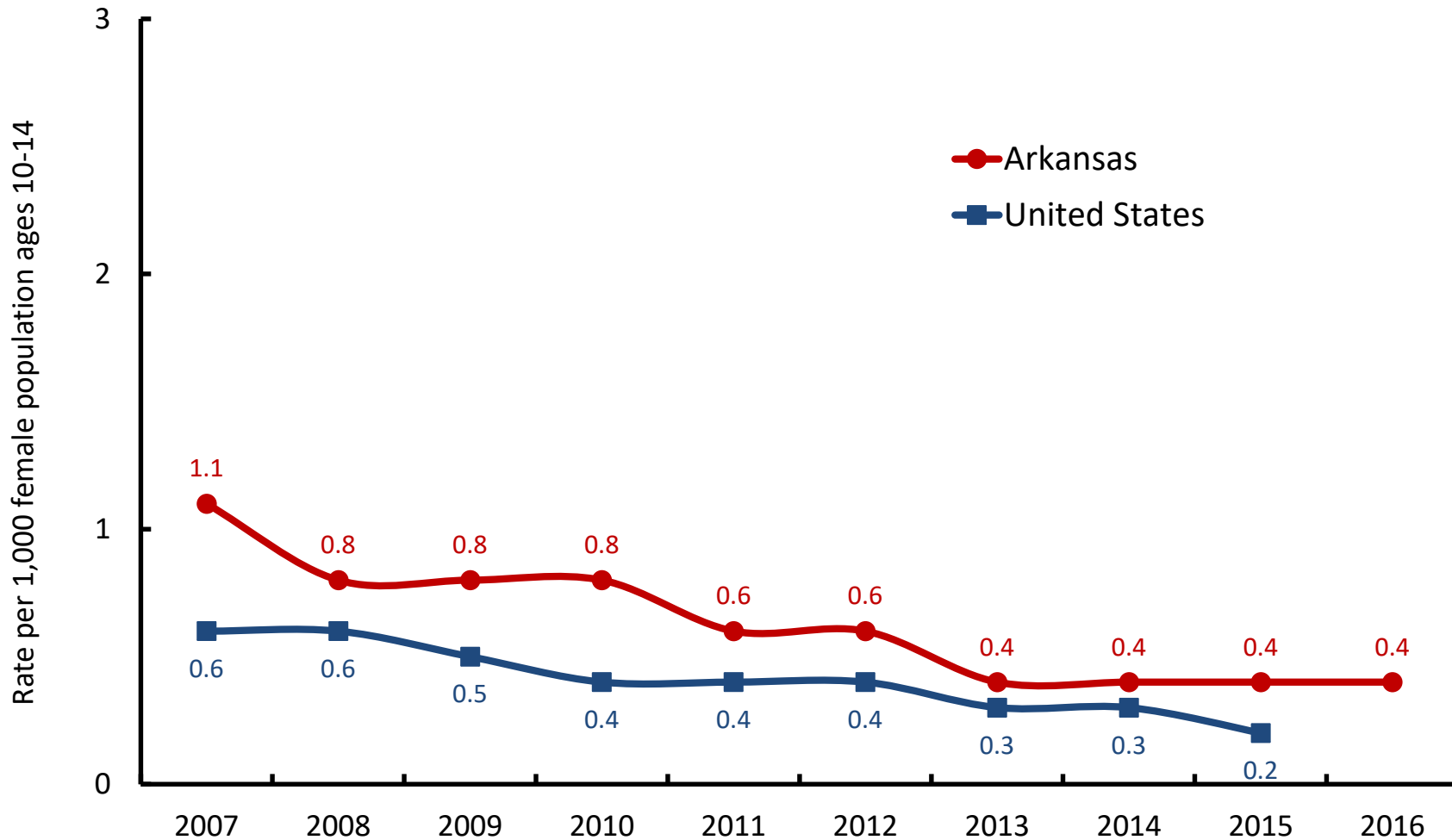
Birth Rates Among Females Ages 15-17 By Maternal Race/Ethnicity, Arkansas



Note: Arkansas data for 2007-2016 are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



Birth Rates Among Females Ages 10-14 Arkansas and United States

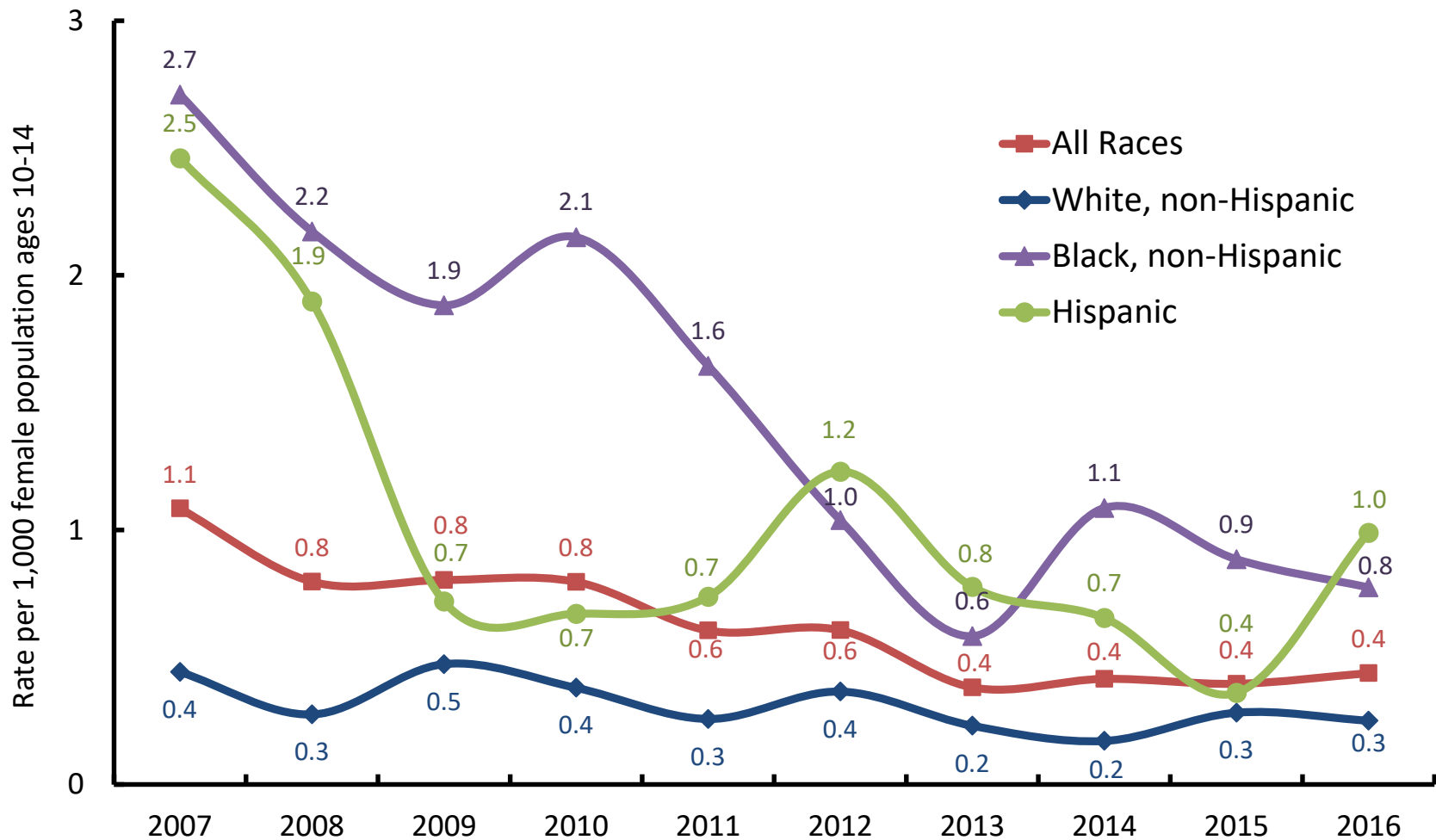


Note: Arkansas data for 2007-2016 are provisional and subject to change.

Sources: Martin JA, Hamilton BE, Osterman MJK, et al. (2017). *Births: Final Data for 2015. National Vital Statistics Report*; Vol 66, No 1. Hyattsville, MD: National Center for Health Statistics, and Health Statistics Branch, Arkansas Department of Health



Birth Rates Among Females Ages 10-14 By Maternal Race/Ethnicity, Arkansas



Note: Arkansas data for 2007-2016 are provisional and subject to change. Caution should be used in interpreting and using these data due to small numbers.

Source: Health Statistics Branch Query System, Arkansas Department of Health



Birth Rates Among Females Ages 15-19

States* with Highest and Lowest Rates, 2015

| State Rank | Ages 15-17 | | Ages 18-19 | | Ages 15-19 | |
|------------|----------------------|-------------|-----------------|-------------|---|-------------|
| | State | Rate | State | Rate | State | Rate |
| 1 | District of Columbia | 18.2 | Arkansas | 72.4 | Arkansas | 38.0 |
| 2 | New Mexico | 17.1 | Louisiana | 65.1 | Mississippi (tied for 2 nd) | 34.8 |
| 3 | Texas | 16.7 | Oklahoma | 64.2 | Oklahoma (tied for 2 nd) | 34.8 |
| 4 | Mississippi | 16.1 | Alaska | 63.8 | Texas (tied for 4 th) | 34.6 |
| 5 | Oklahoma | 15.9 | Texas | 63.0 | New Mexico (tied for 4 th) | 34.6 |
| 6 | Arkansas | 15.6 | Mississippi | 62.8 | Louisiana | 34.1 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |
| 51 | Vermont | 3.9 | Massachusetts | 15.3 | Massachusetts | 9.4 |
| N/A | U.S. | 9.9 | U.S. | 40.7 | U.S. | 22.3 |

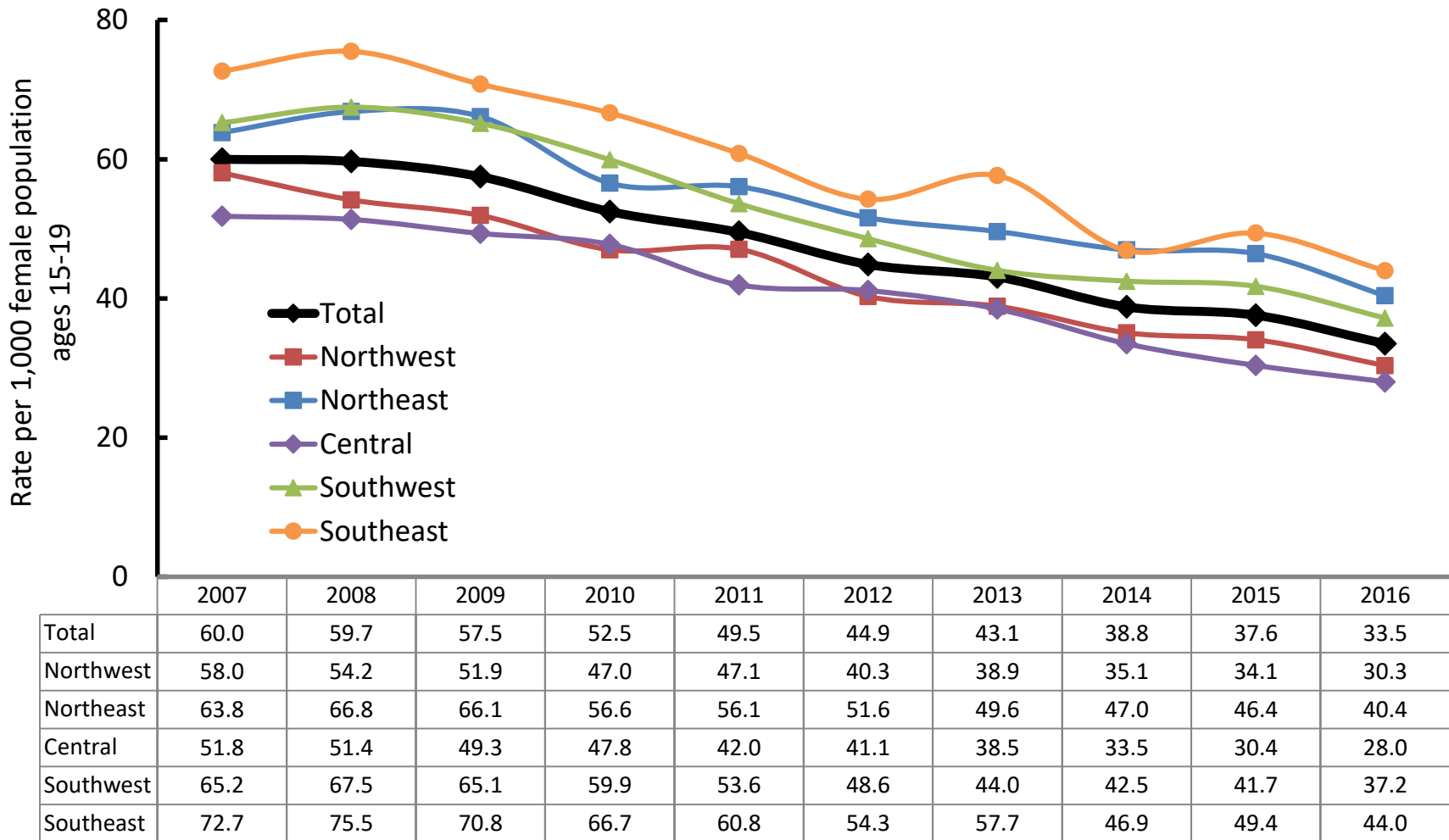
* Includes ranking among 50 states and the District of Columbia.

Notes: Rates are per 1,000 female population in that age group. N/A = not applicable. Arkansas rates presented on this table may differ from rates shown in other parts of this document due to different data sources being used.

Source: CDC WONDER Online Database, Centers for Disease Control and Prevention



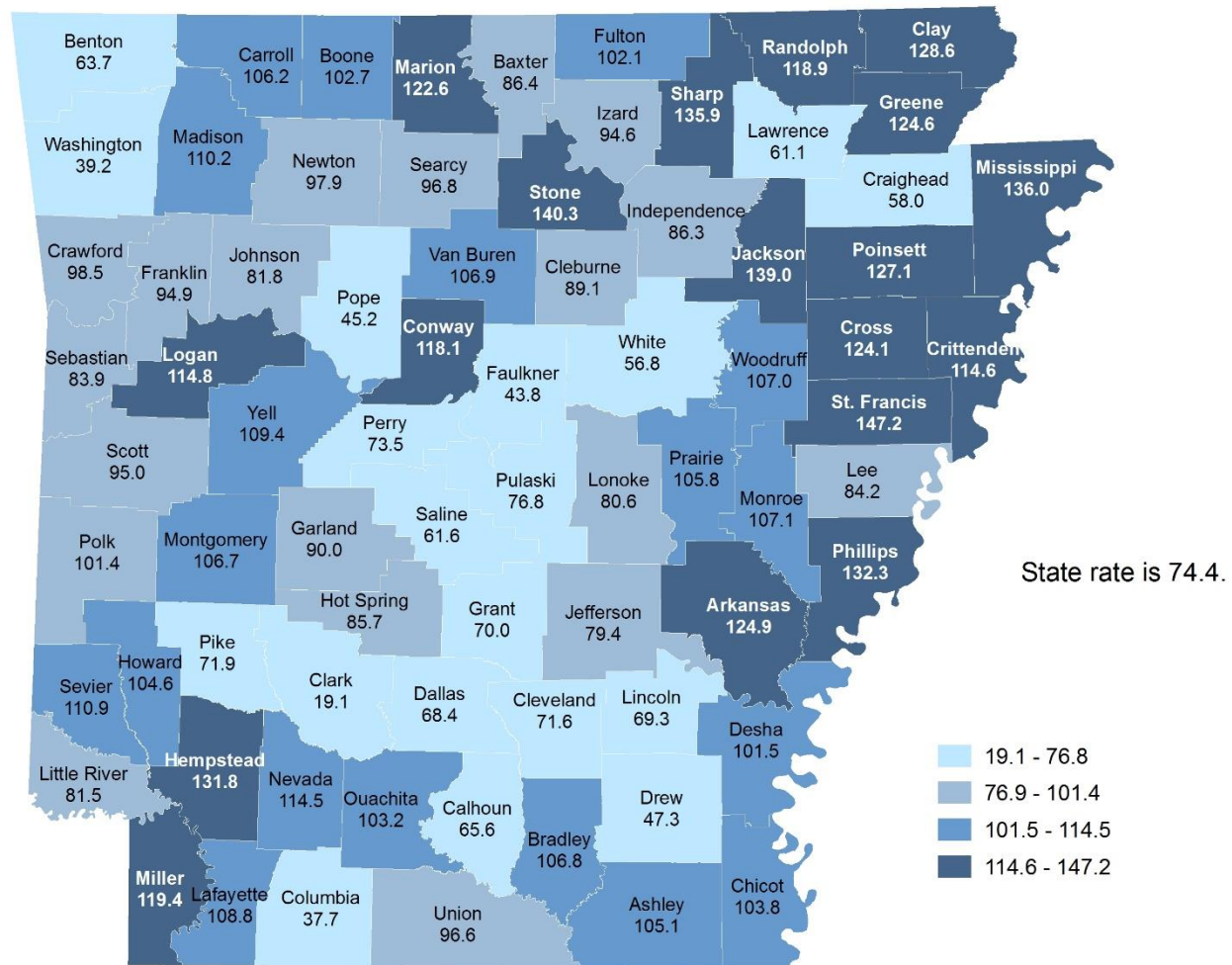
Birth Rates Among Females Ages 15-19 By ADH Public Health Region



Note: Arkansas data for 2007-2016 are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health (ADH)



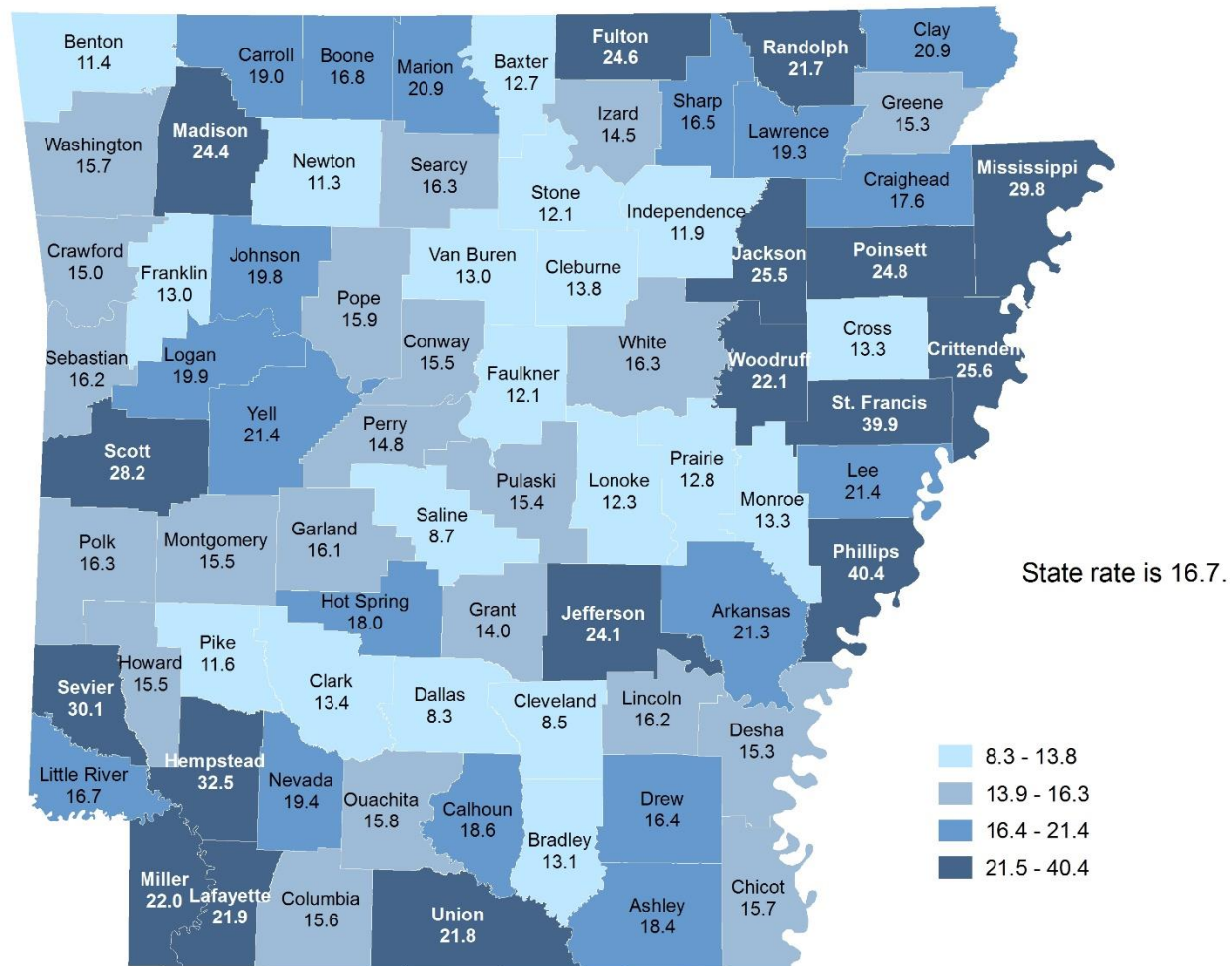
Birth Rates Among Females Ages 18-19 Arkansas, 2012-2016



Notes: Rate is calculated per 1,000 female population ages 18-19. Data are provisional and subject to change. Classification method: Quantile.
Source: Health Statistics Branch Query System, Arkansas Department of Health



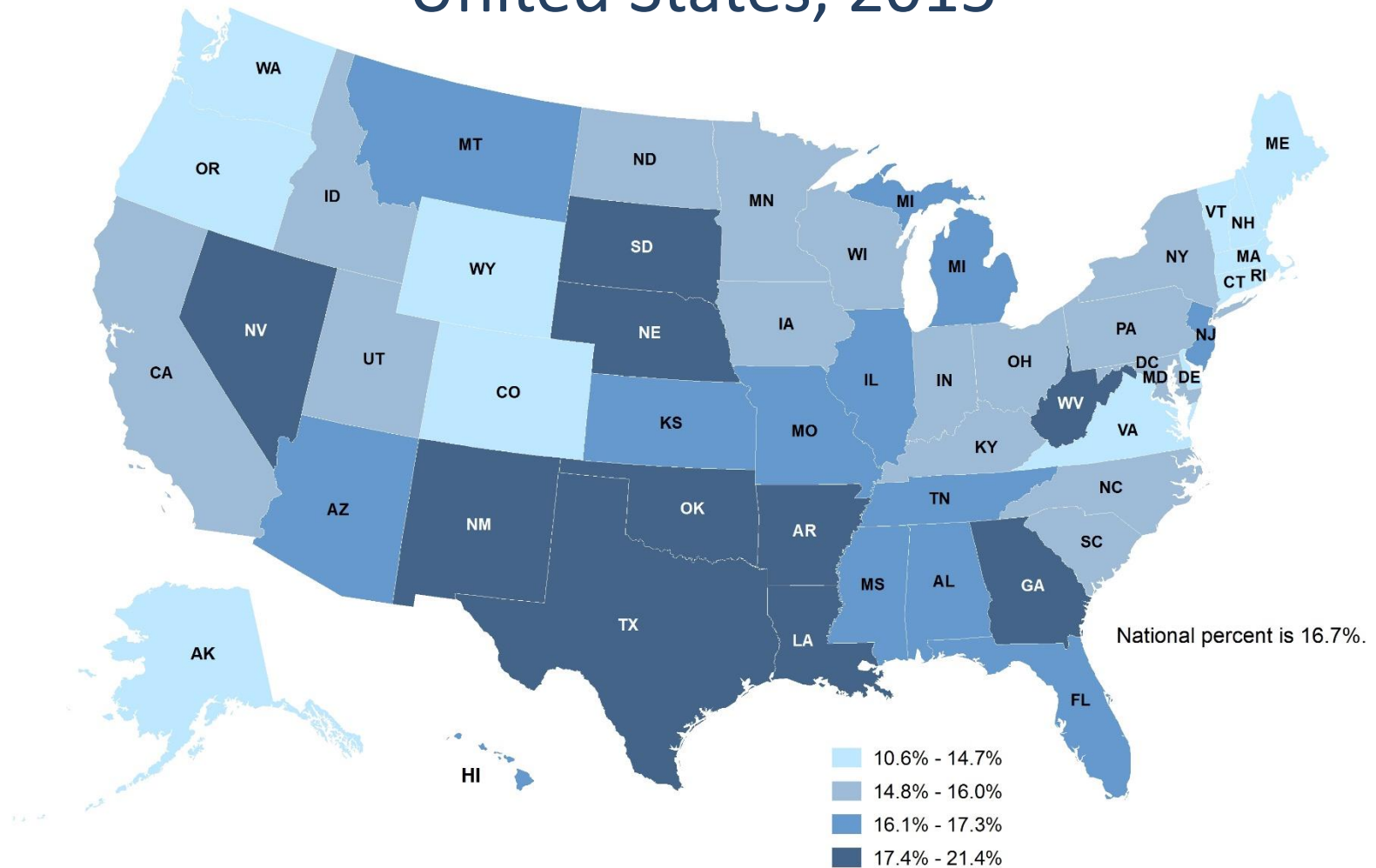
Birth Rates Among Females Ages 15-17 Arkansas, 2012-2016



Notes: Rate is calculated per 1,000 female population ages 15-17. Data are provisional and subject to change. Classification method: Quantile.
Source: Health Statistics Branch Query System, Arkansas Department of Health



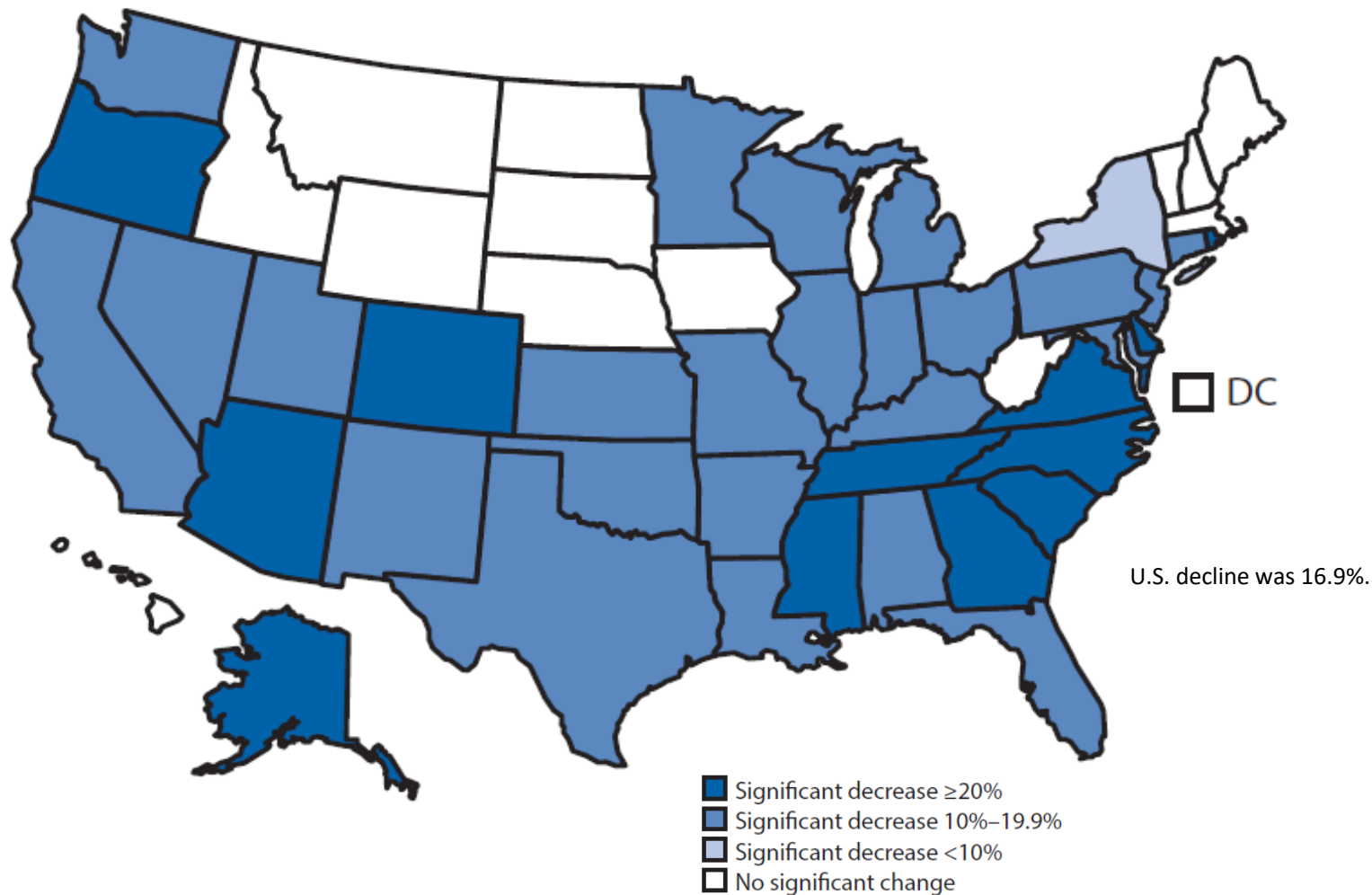
Percent of Repeat Teen Births United States, 2015



Notes: Teens include females ages 15-19. Classification method: Quantile.
Source: CDC WONDER Online Database, Centers for Disease Control and Prevention



Percent Change in Repeat Teen Births United States, 2004-2015

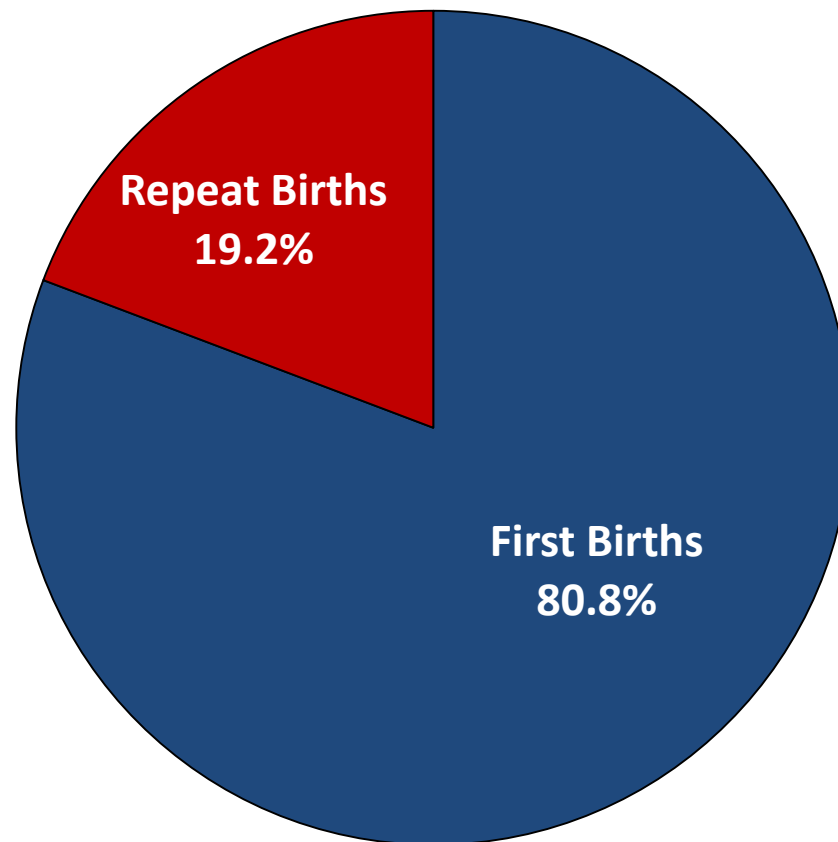


Note: Teens include females ages 15-19.

Source: Dee DL, Pazol K, Cox S, et al. *Trends in Repeat Births and Use of Postpartum Contraception Among Teens — United States, 2004–2015*. MMWR Morb Mortal Wkly Rep 2017;66:422–426. DOI: <http://dx.doi.org/10.15585/mmwr.mm6616a3>



Percent of First and Repeat Births Among Females Ages 15-19, Arkansas, 2016

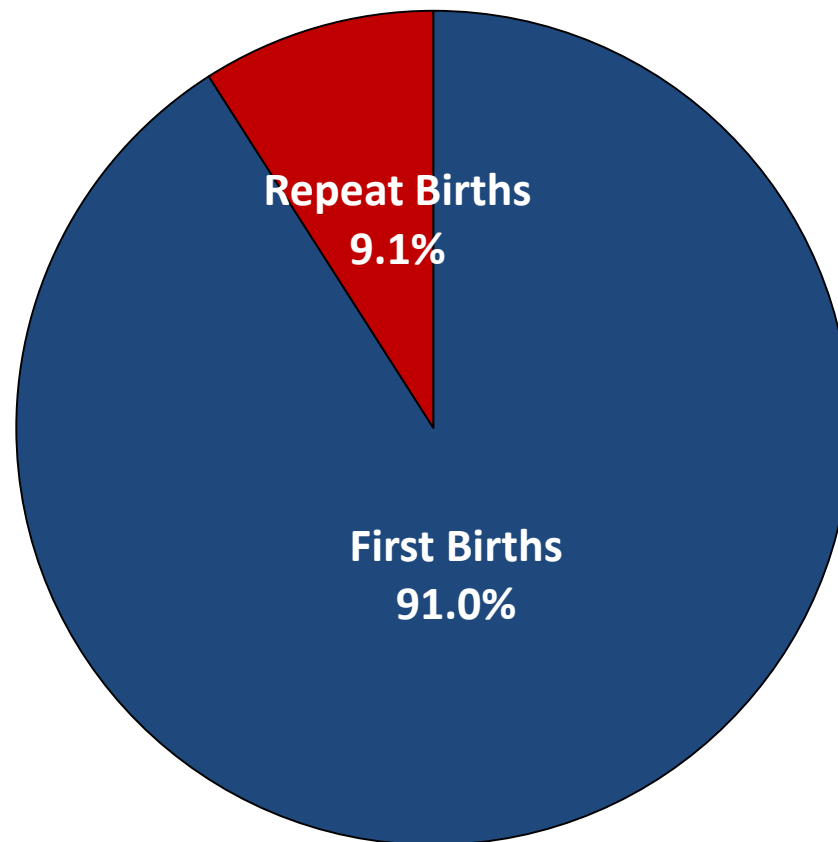


Notes: Data are provisional and subject to change.

Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



Percent of First and Repeat Births Among Females Ages 15-17, Arkansas, 2016

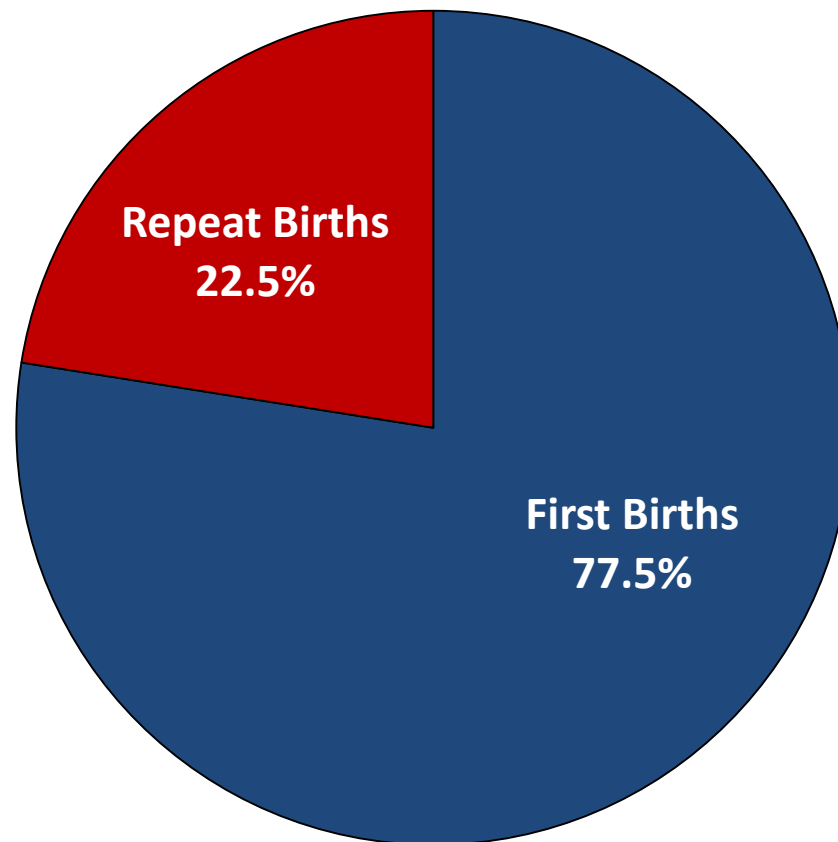


Notes: Data are provisional and subject to change.

Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



Percent of First and Repeat Births Among Females Ages 18-19, Arkansas, 2016



Notes: Data are provisional and subject to change.

Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



Percent of Repeat Teen Births States* with Highest and Lowest Percents, 2015

| State Rank | State | Percent |
|------------|------------------|--------------|
| 1 | Washington, D.C. | 21.4% |
| 2 | Texas | 19.9% |
| 3 | Louisiana | 18.7% |
| 4 | Oklahoma | 18.6% |
| 4 | West Virginia | 18.6% |
| 6 | New Mexico | 18.2% |
| 6 | Arkansas | 18.2% |
| ⋮ | ⋮ | ⋮ |
| 51 | Vermont | 10.6% |
| N/A | U.S. | 16.7% |

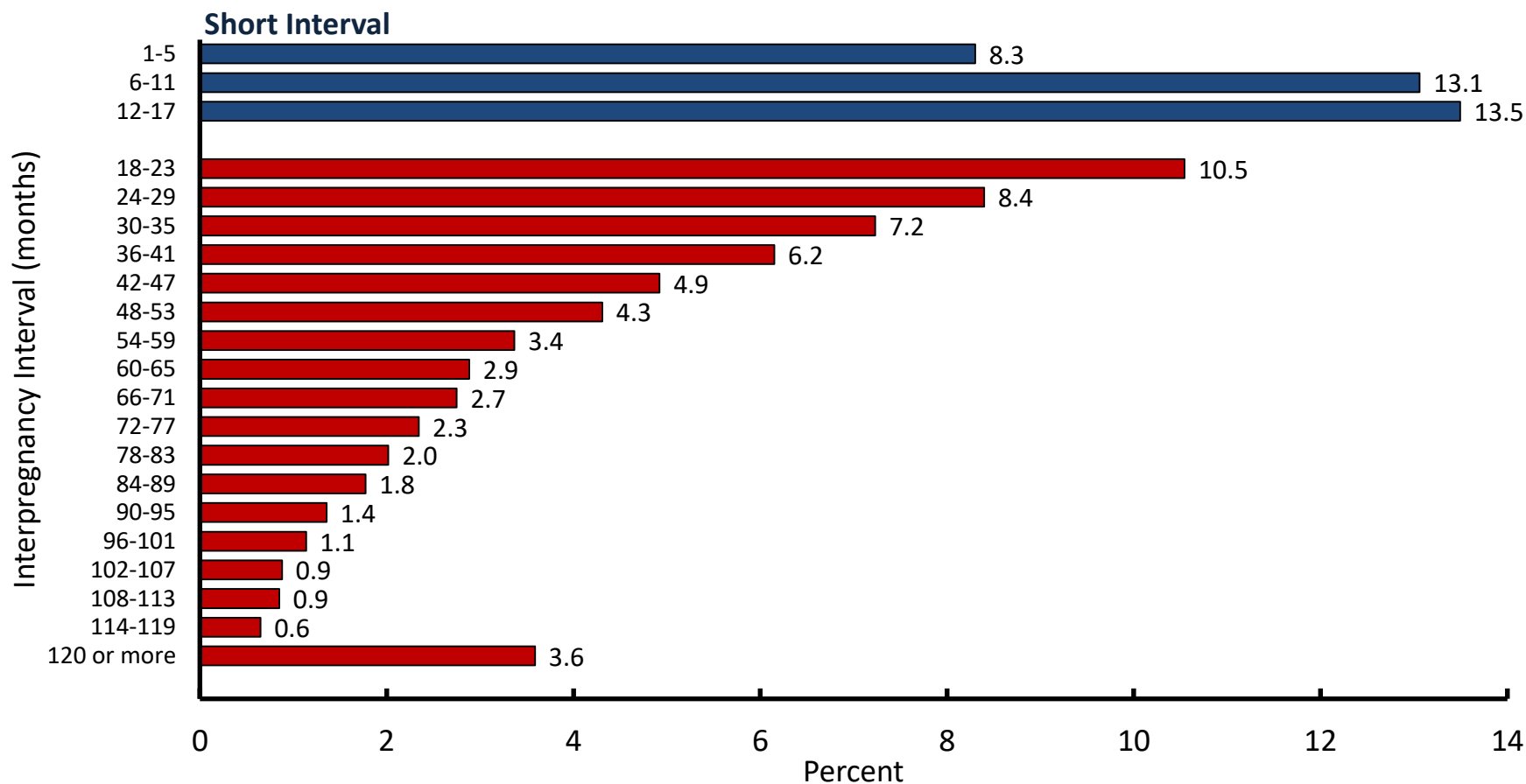
* Includes ranking among 50 states and the District of Columbia.

Notes: Teens include females ages 15-19. N/A = not applicable.

Source: CDC WONDER Online Database, Centers for Disease Control and Prevention



Percent Distribution of Births Among Women with Two or More Births, by Interpregnancy Interval All Ages, Arkansas, 2016

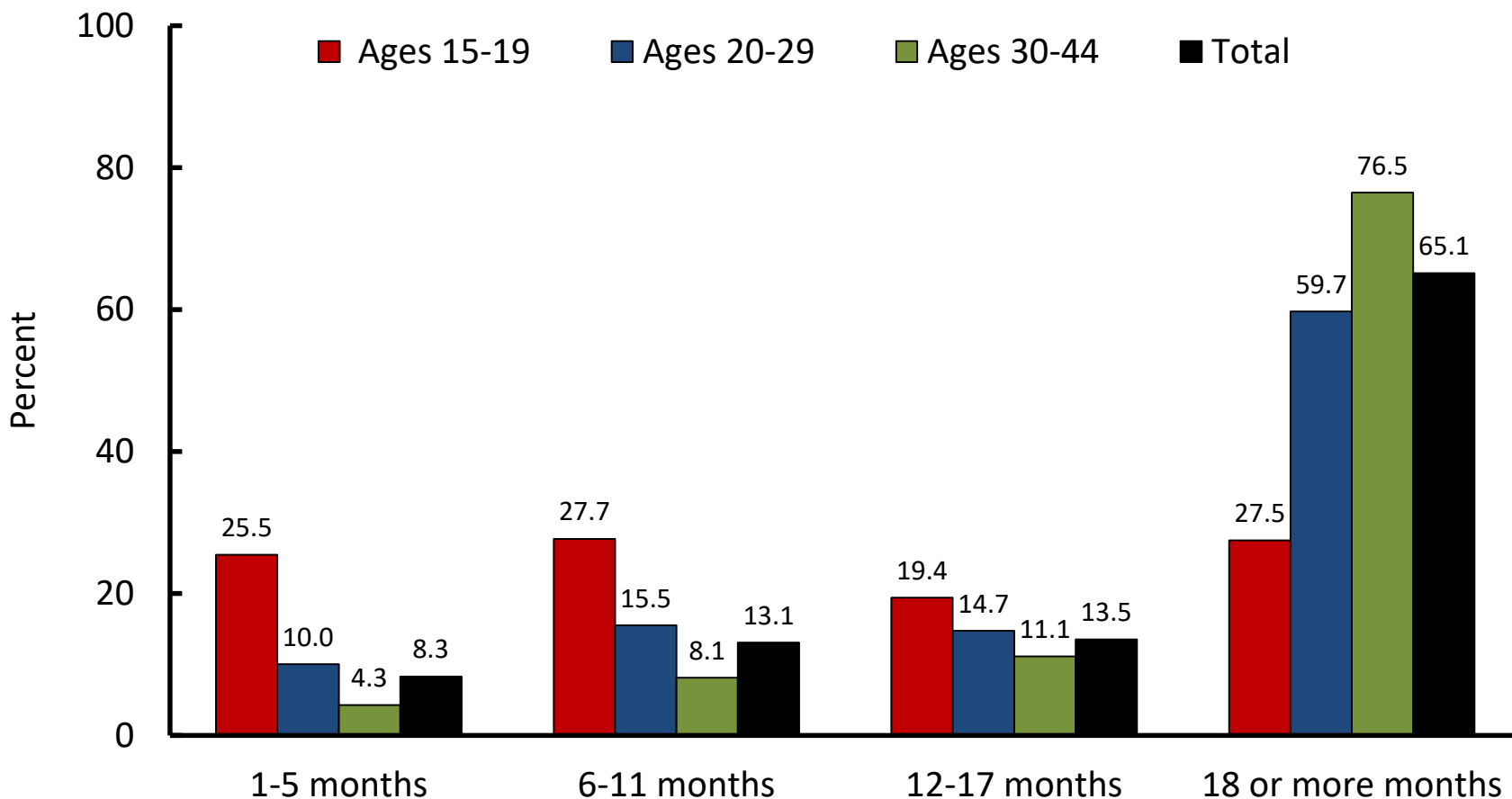


Notes: Interpregnancy interval (IPI) is the number of months between a live birth and the conception of the next live birth. IPI was calculated for women with second- or higher-order singleton births. Short IPI is the conception of a live birth occurring less than 18 months from the preceding live birth. Data are provisional and subject to change.

Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



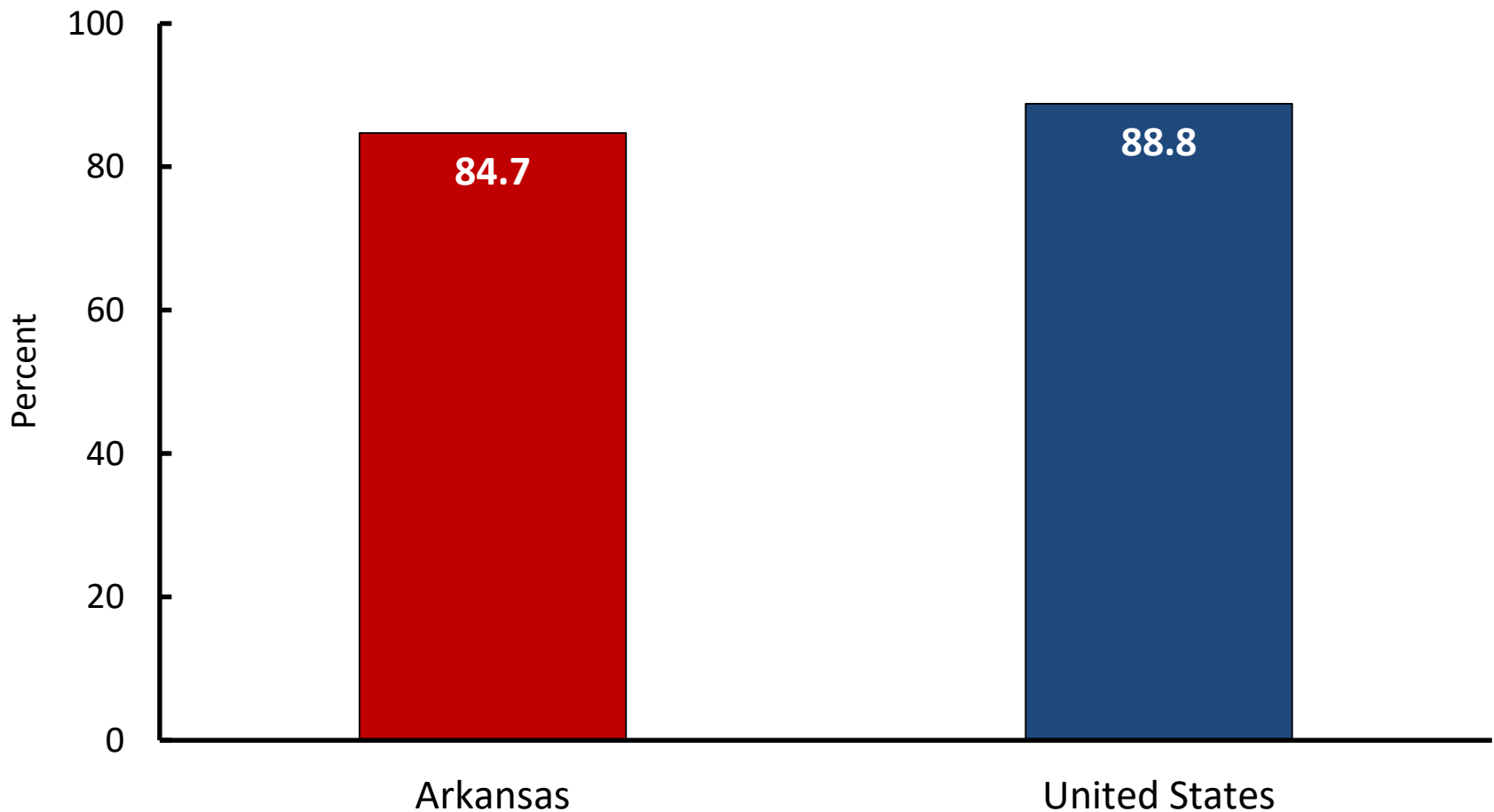
Percent Distribution of Births Among Women with Two or More Births, by Interpregnancy Interval and Maternal Age, Arkansas, 2016



Notes: Interpregnancy interval (IPI) is the number of months between a live birth and the conception of the next live birth. IPI was calculated for women with second- or higher-order singleton births. Maternal age is age of mother at most recent birth. Data are provisional and subject to change. Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



Percent of Teen Births to Unmarried Females Ages 15-19, Arkansas and United States, 2015

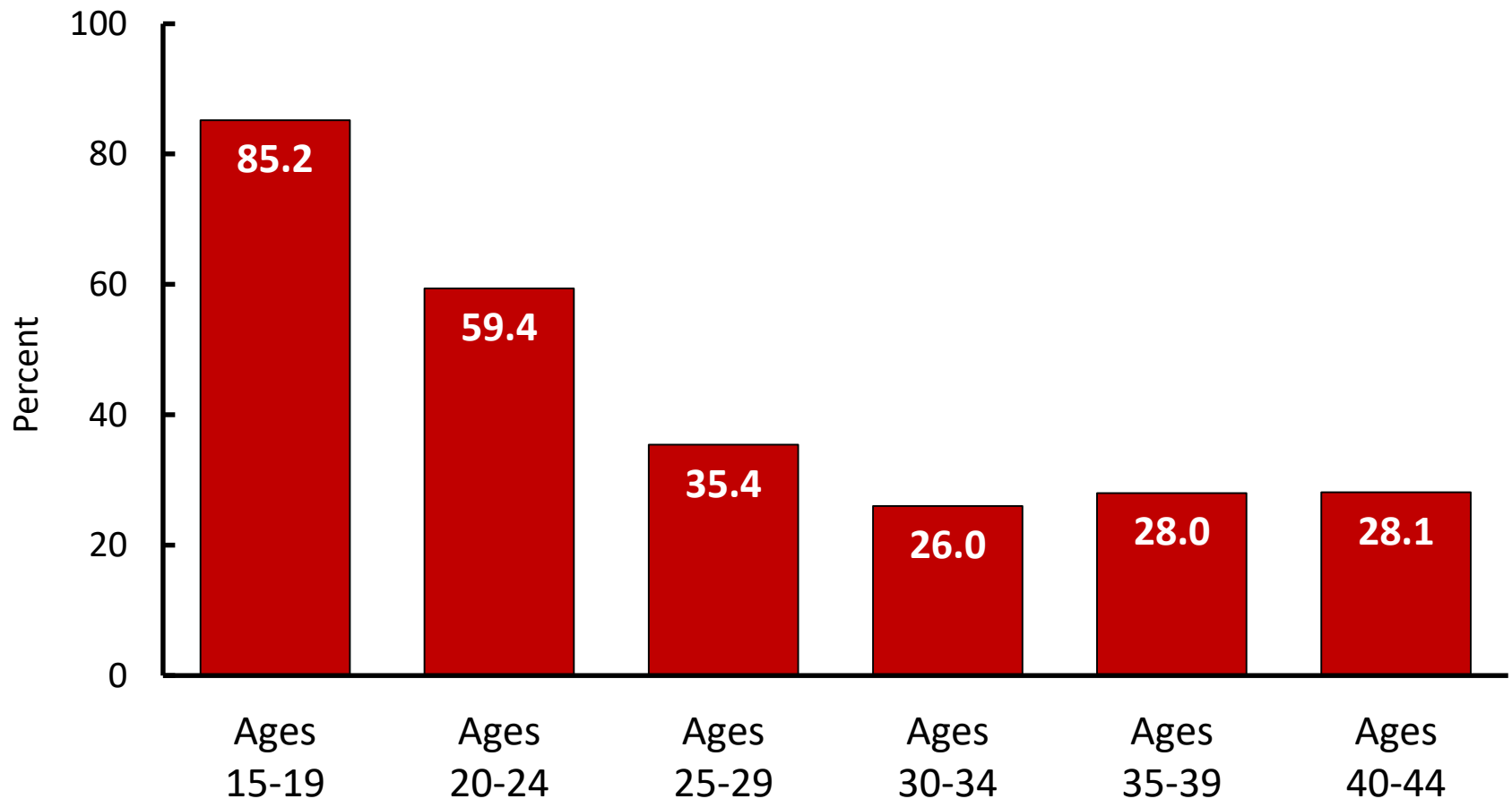


Note: Arkansas data are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



Percent of Births to Unmarried Females By Maternal Age, Arkansas, 2016

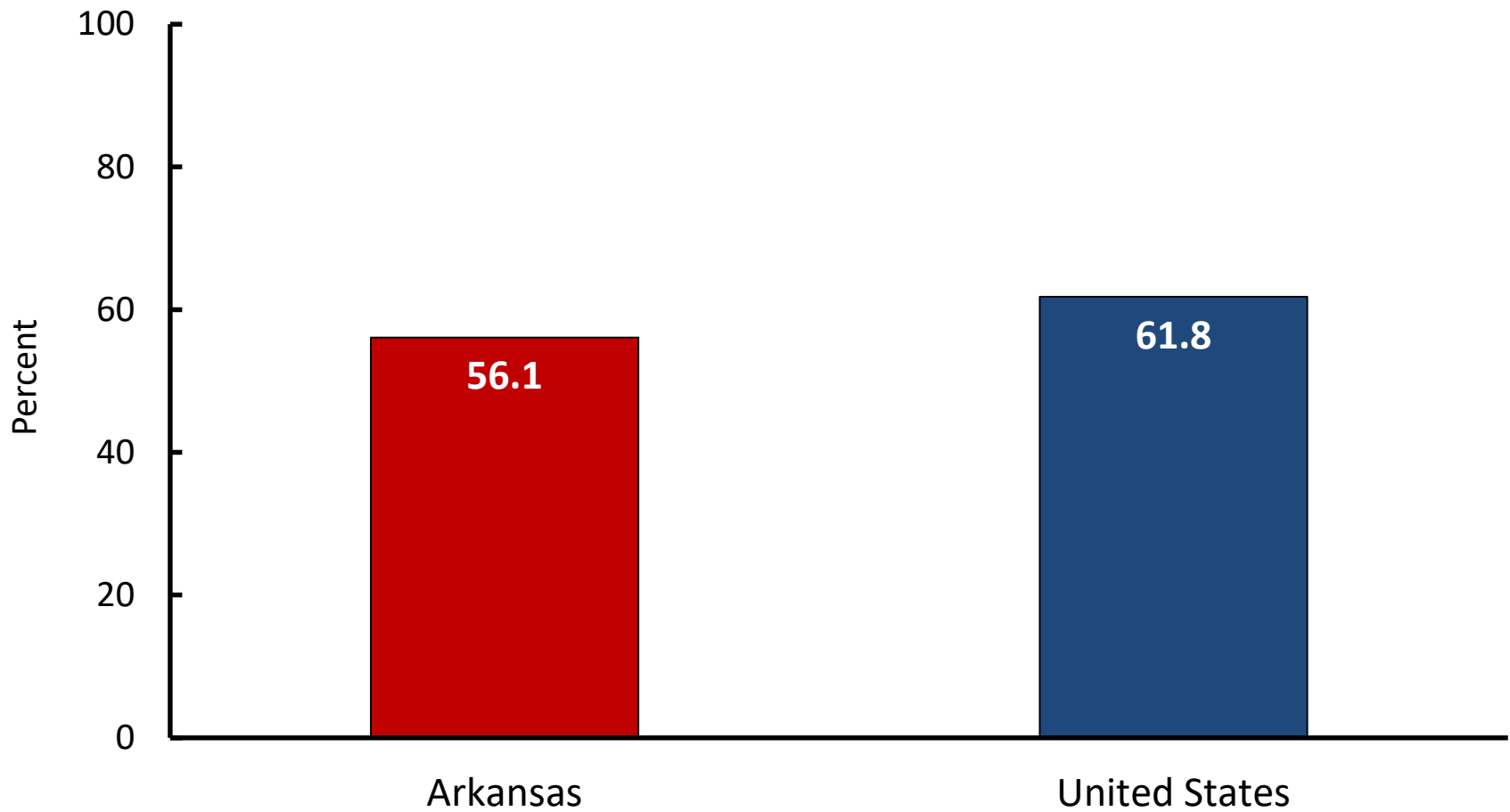


Note: Data are provisional and subject to change.

Source: Health Statistics Branch Query System, Arkansas Department of Health



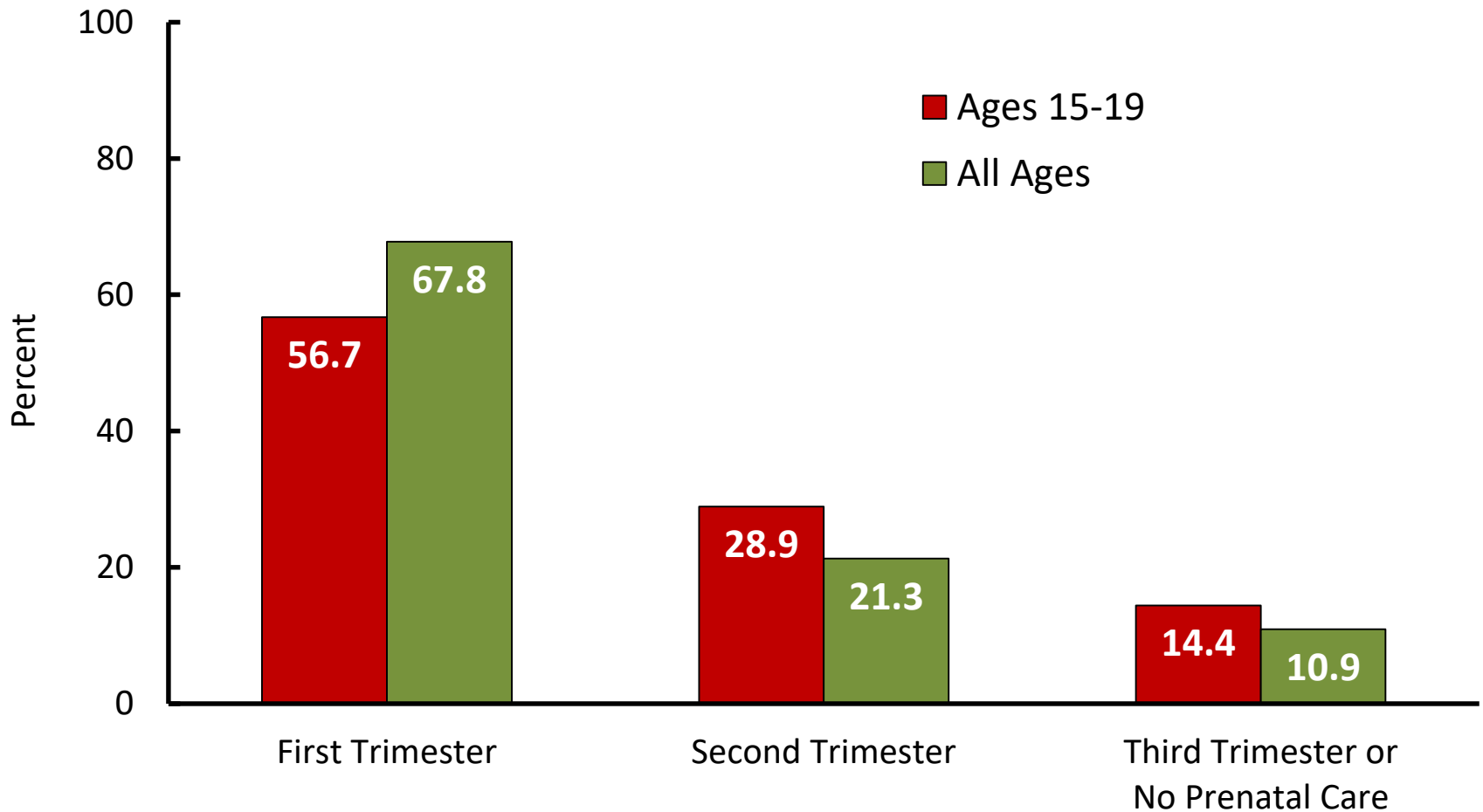
Percent of Mothers Ages 15-19 Receiving Prenatal Care in the First Trimester, Arkansas and United States, 2015



Note: Late prenatal care is defined as having the first prenatal care visit during the third trimester. Arkansas data are provisional and subject to change.
Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



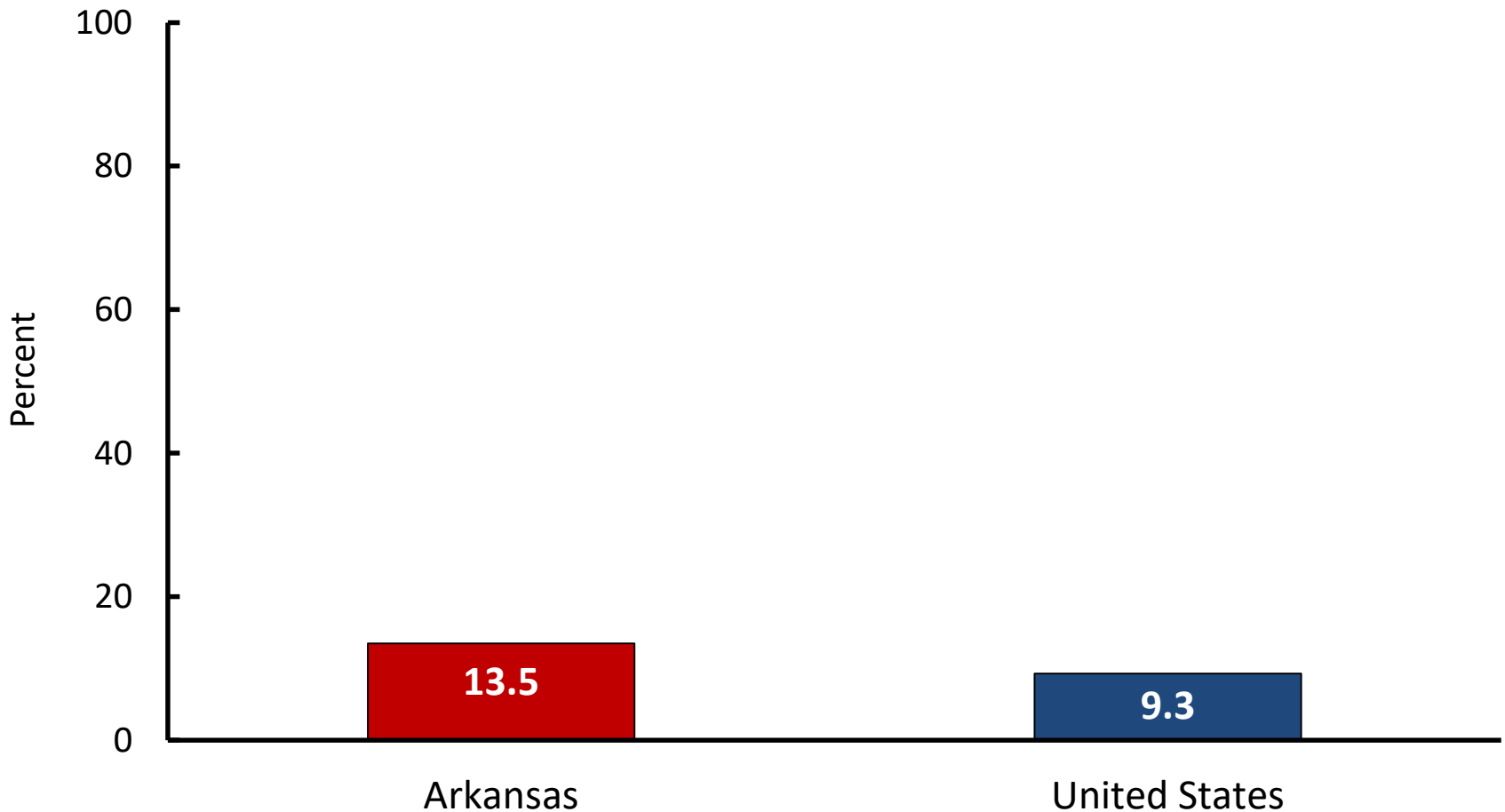
Percent of Mothers Ages 15-19 Receiving Prenatal Care by Trimester, Arkansas, 2016



Note: Data are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



Percent of Mothers Ages 15-19 Who Smoked During Pregnancy, Arkansas and United States, 2015

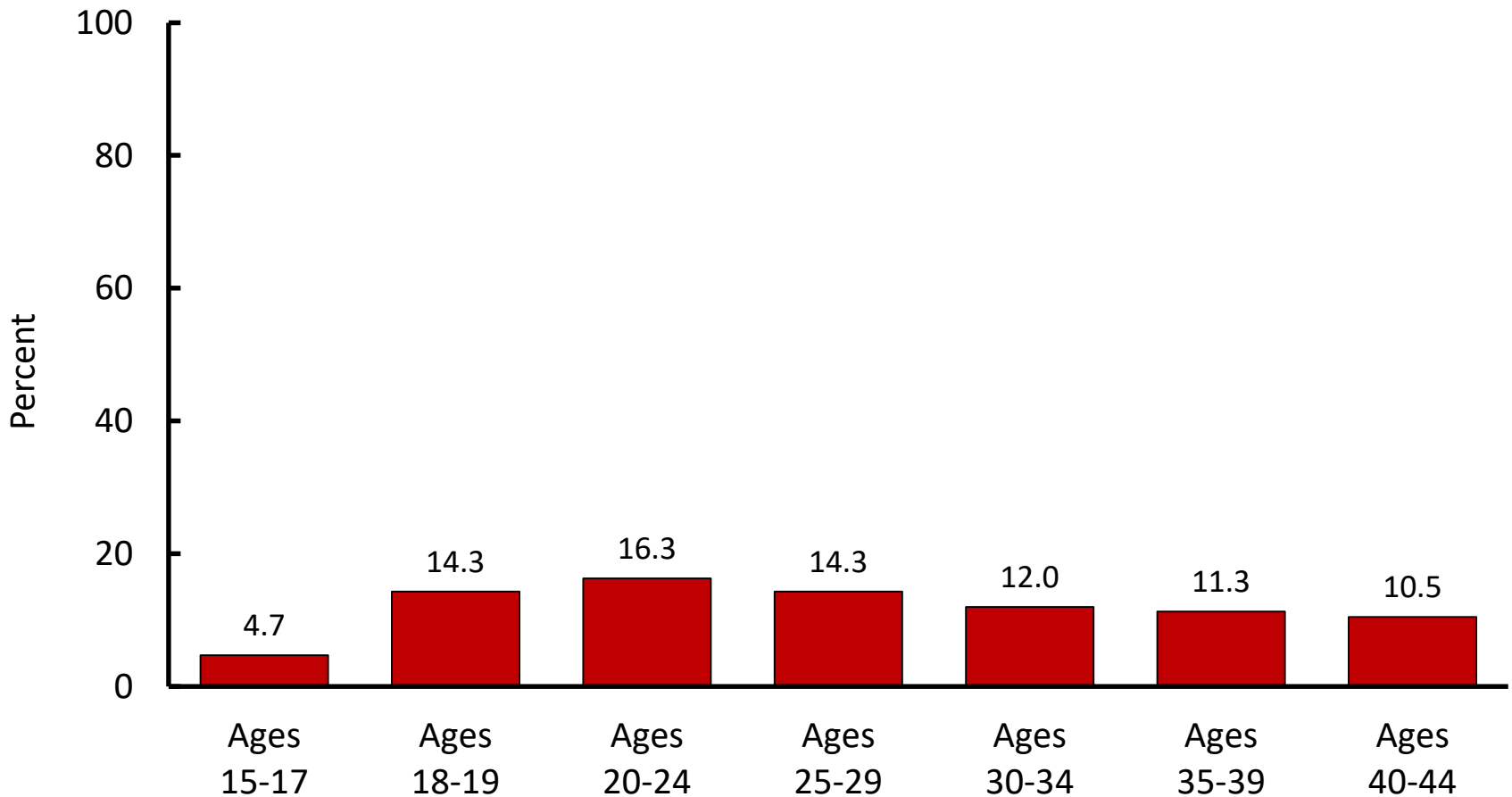


Note: Arkansas data are provisional and subject to change.

Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



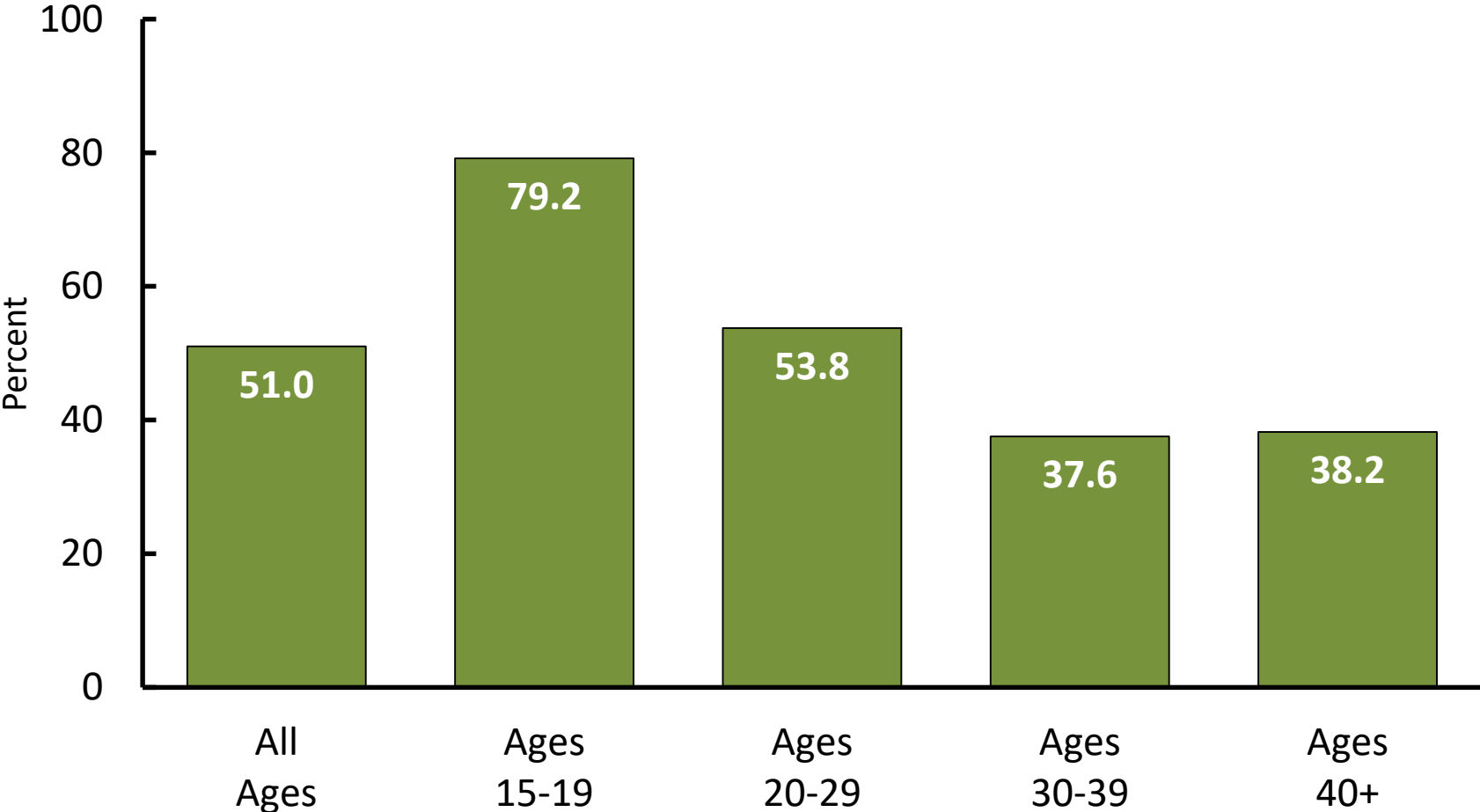
Percent of Mothers Who Smoked During Pregnancy, By Maternal Age, Arkansas, 2016



Note: Arkansas data are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



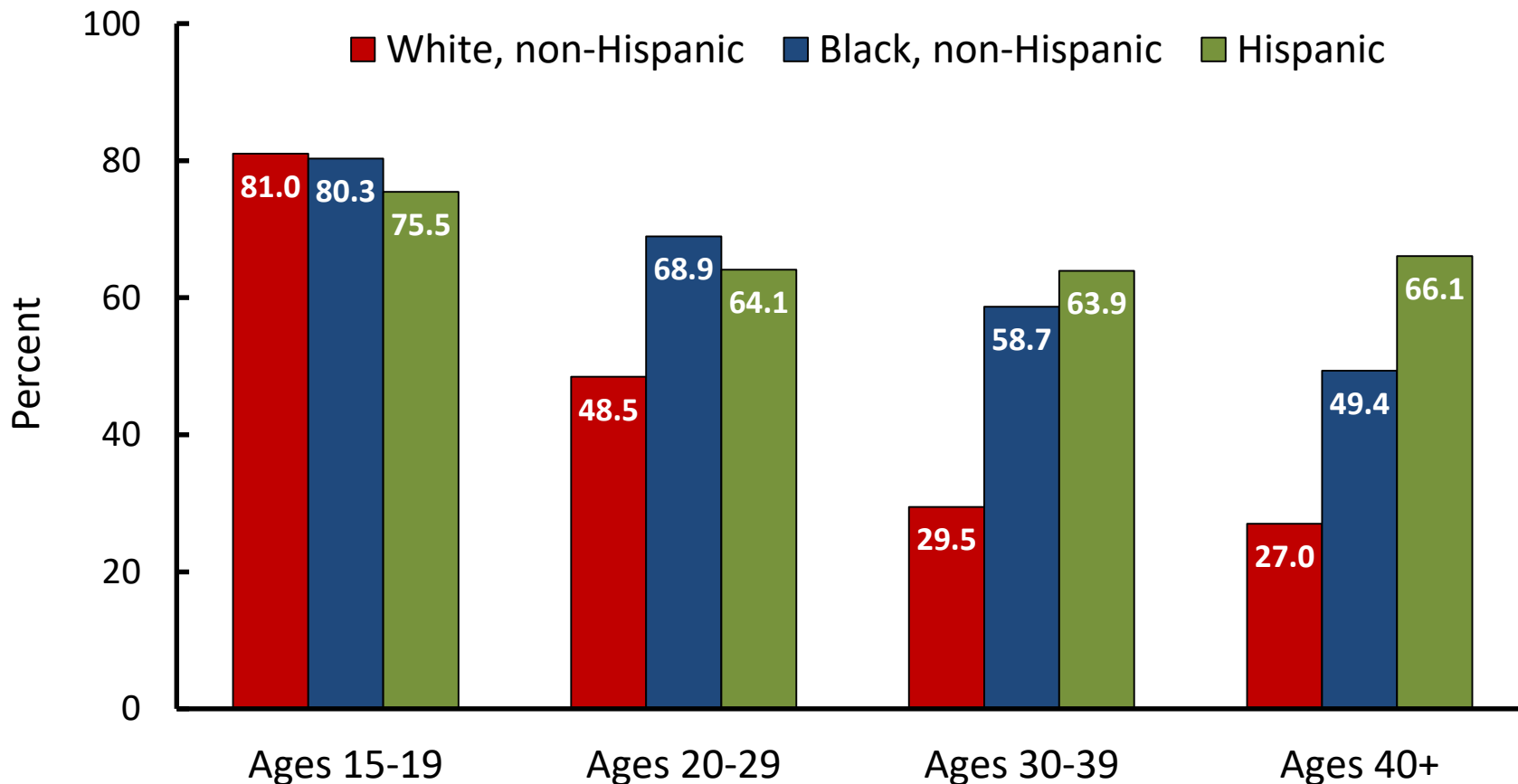
Percent of Mothers Who Participated in WIC During Pregnancy, By Maternal Age, Arkansas, 2016



Notes: Among mothers with a live birth. WIC = Women, Infants, and Children Program. Question: “Did mother get WIC food for herself during this pregnancy?”. Data are provisional and subject to change.
Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



Percent of Mothers Who Participated in WIC During Pregnancy, By Maternal Age and Race/Ethnicity, Arkansas, 2016

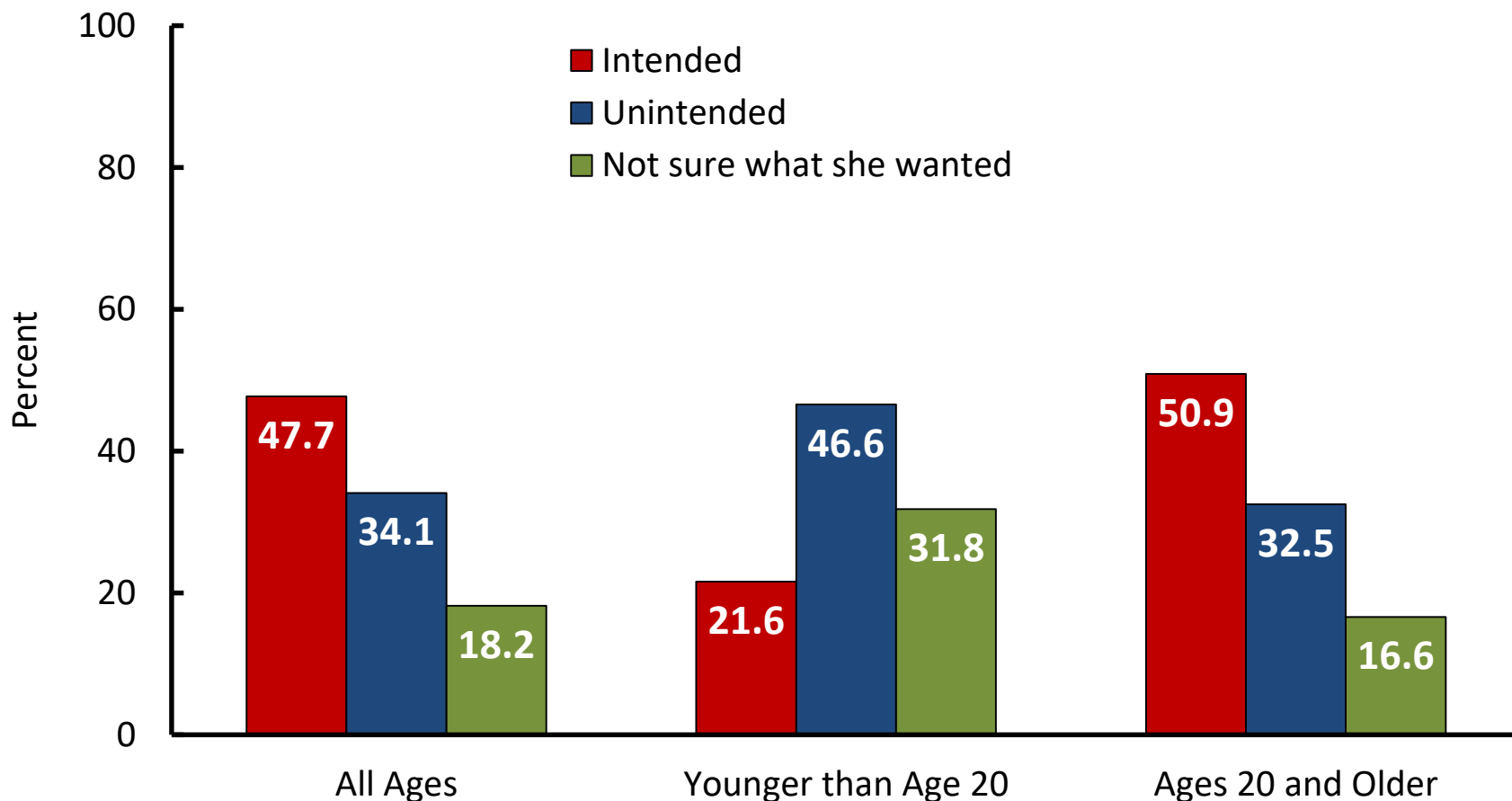


Notes: Among mothers with a live birth. WIC = Women, Infants, and Children Program. Question: "Did mother get WIC food for herself during this pregnancy?". Data are provisional and subject to change.

Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



Percent of Women Having a Live Birth Who Reported Having an Unintended Pregnancy, By Maternal Age, Arkansas, 2014-2015

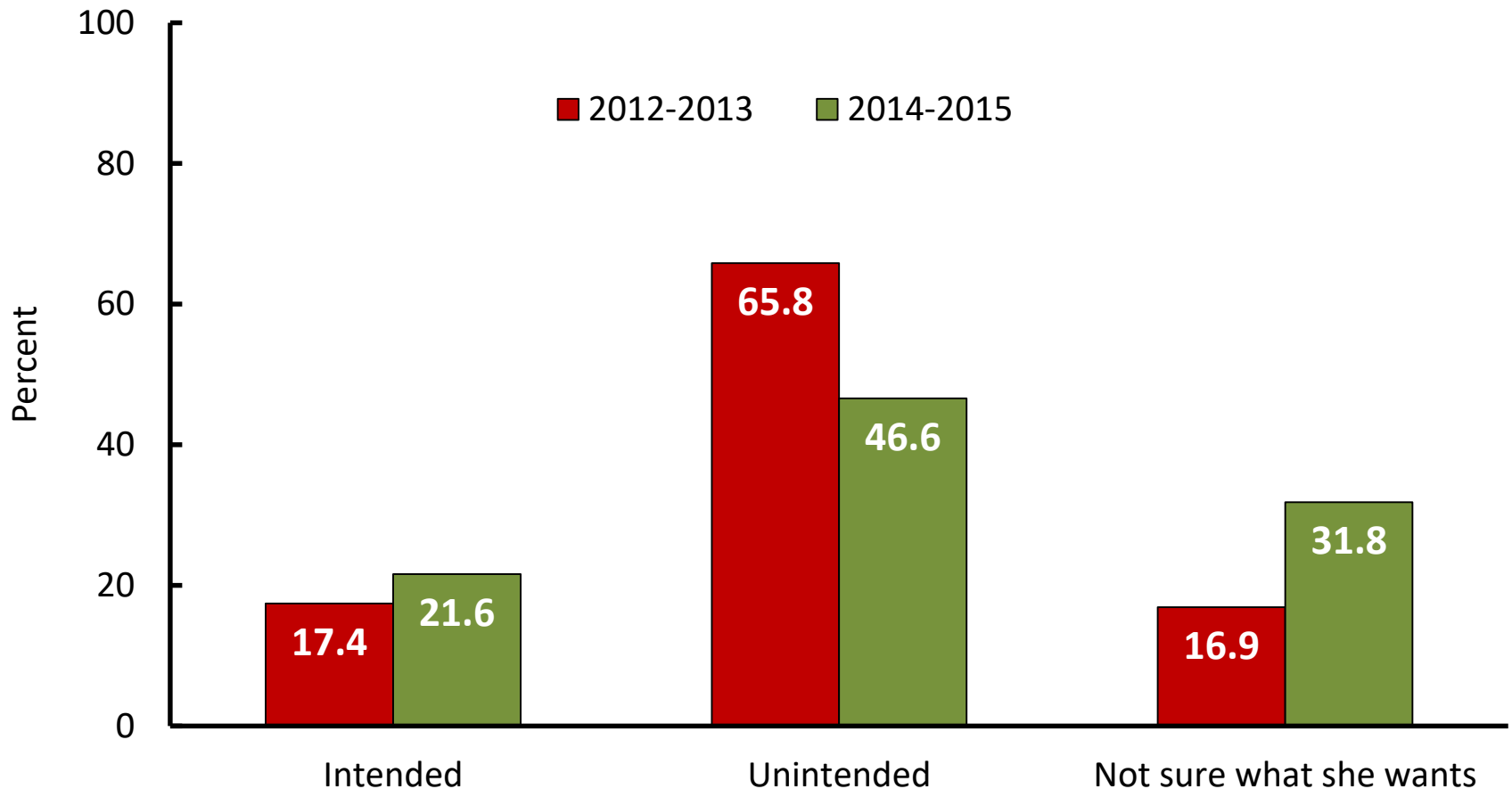


Notes: Unintended pregnancy includes women who said that just before their most recent pregnancy, they wanted to be pregnant later or did not want to be pregnant then or at anytime in the future.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS), Health Statistics Branch, Arkansas Department of Health



Percent of Women Having a Live Birth Who Reported Having an Unintended Pregnancy Among Women Younger Than Age 20, Arkansas, 2012-2013 and 2014-2015

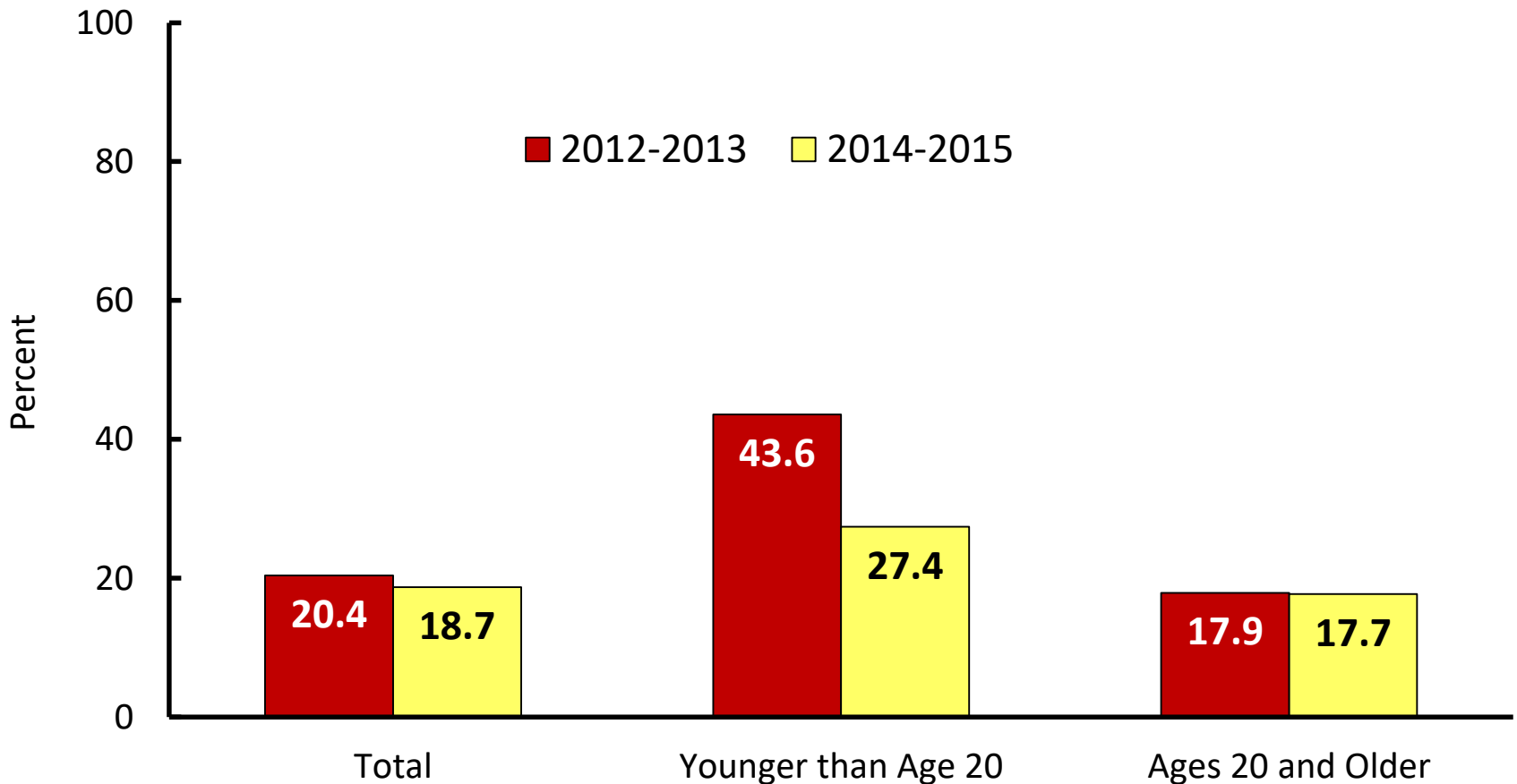


Notes: Unintended pregnancy includes women who said that just before their most recent pregnancy, they wanted to be pregnant later or did not want to be pregnant then or at anytime in the future.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS), Health Statistics Branch, Arkansas Department of Health



Percent of Women Having a Live Birth Who Experienced Post-Partum Depression, By Maternal Age Arkansas, 2012-2013 and 2014-2015

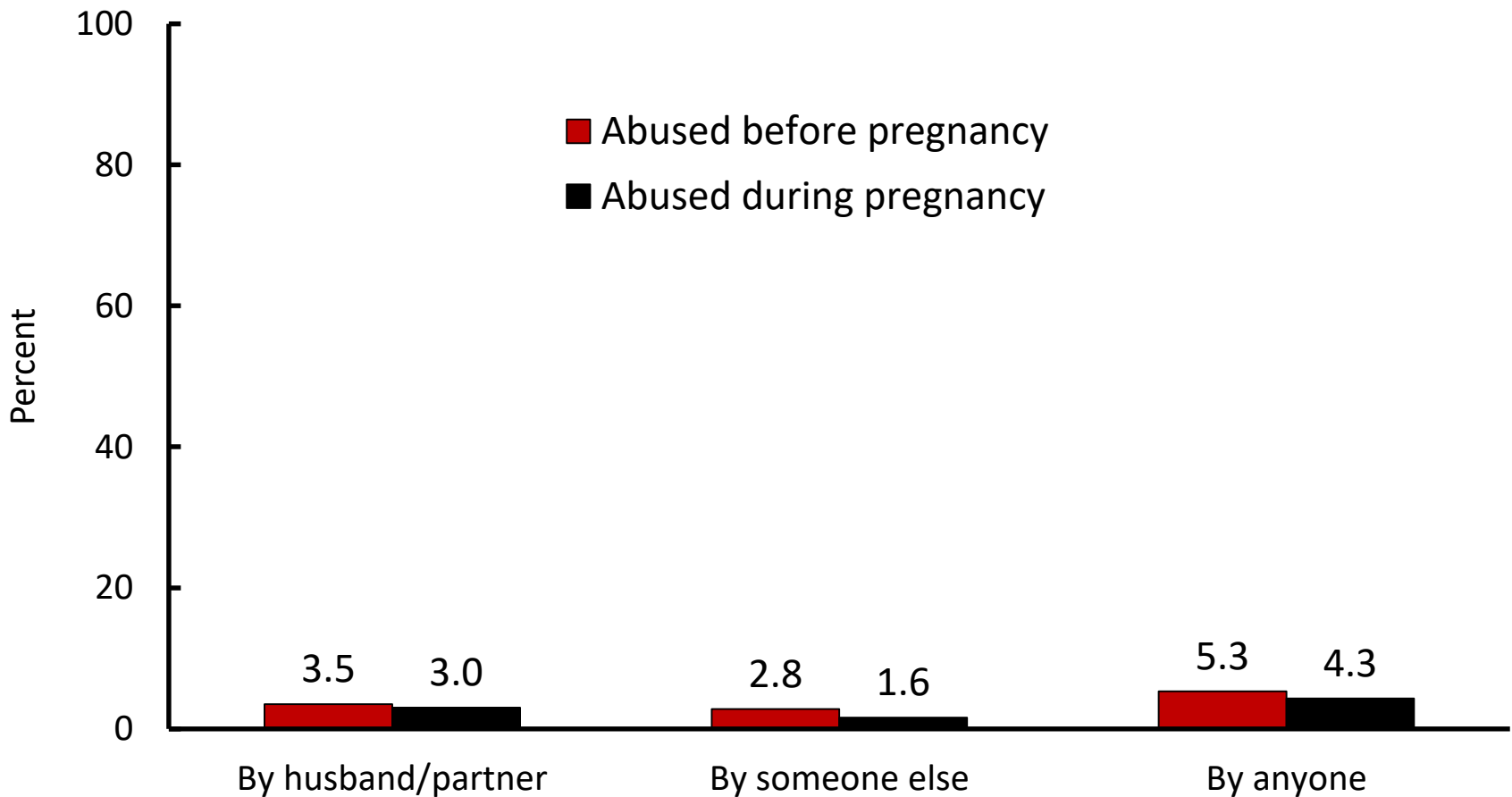


Notes: Post-partum depression is based on a response of “Always” or “Often” for either or both questions: (1) “Since your new baby was born, how often have you felt down, depressed, or hopeless?” and (2) “Since your new baby was born, how often have you had little interest or little pleasure in doing things?”

Source: Pregnancy Risk Assessment Monitoring System (PRAMS), Health Statistics Branch, Arkansas Department of Health



Percent of Women of All Ages Having a Live Birth Who Were Physically Abused, Arkansas, 2014-2015

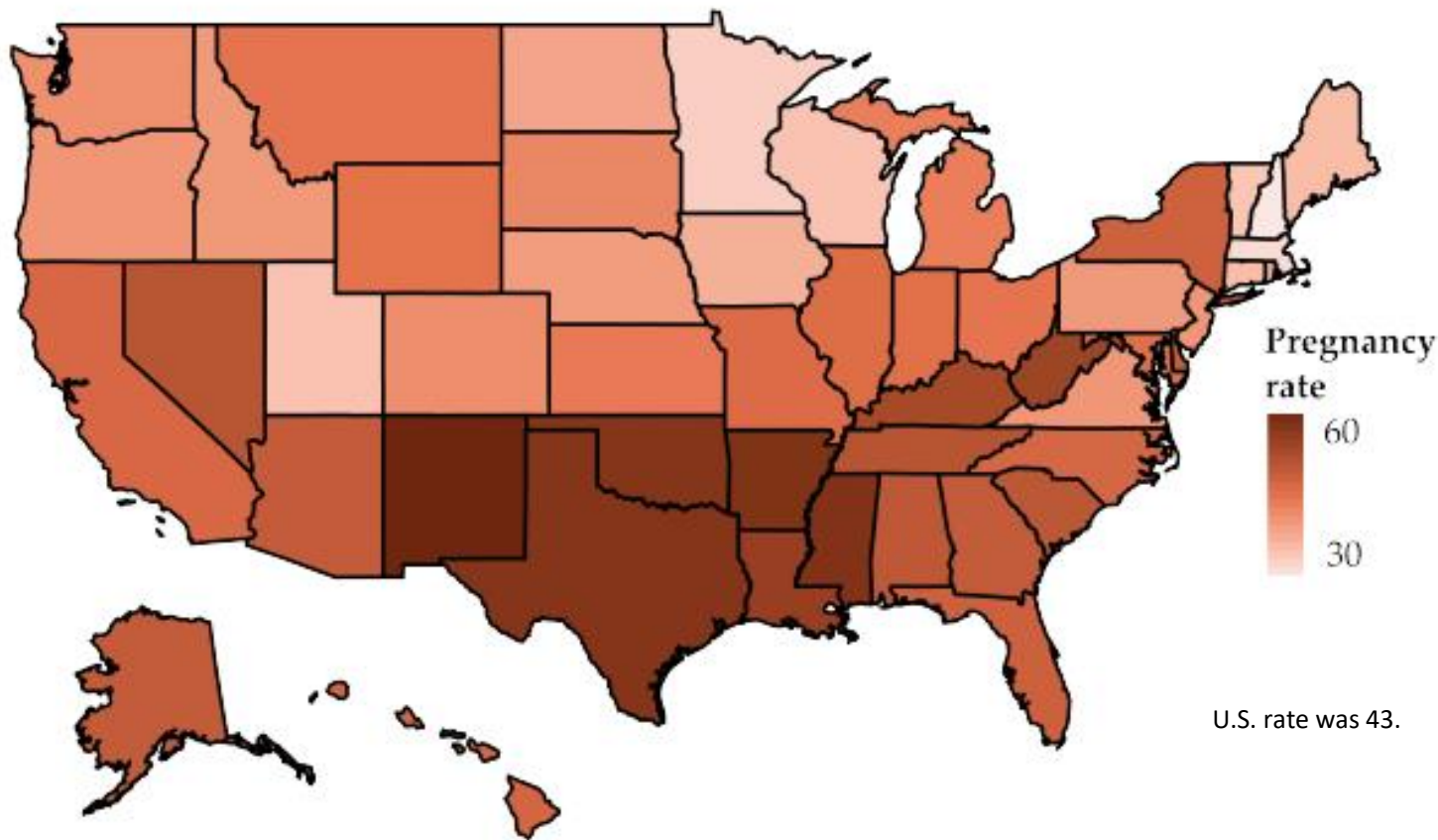


Notes: Physical abuse is based on the two questions (1) "... did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?" and (2) "... did anyone else physically hurt you in any way?" during the 12 months before the pregnancy and during the pregnancy. Physical abuse by anyone was defined as physical abuse by the husband/partner and/or by someone else other than the husband/partner. Source: Pregnancy Risk Assessment Monitoring System (PRAMS), Health Statistics Branch, Arkansas Department of Health



PREGNANCIES AMONG TEENS

Pregnancy Rates Among Females Ages 15-19 United States, 2013

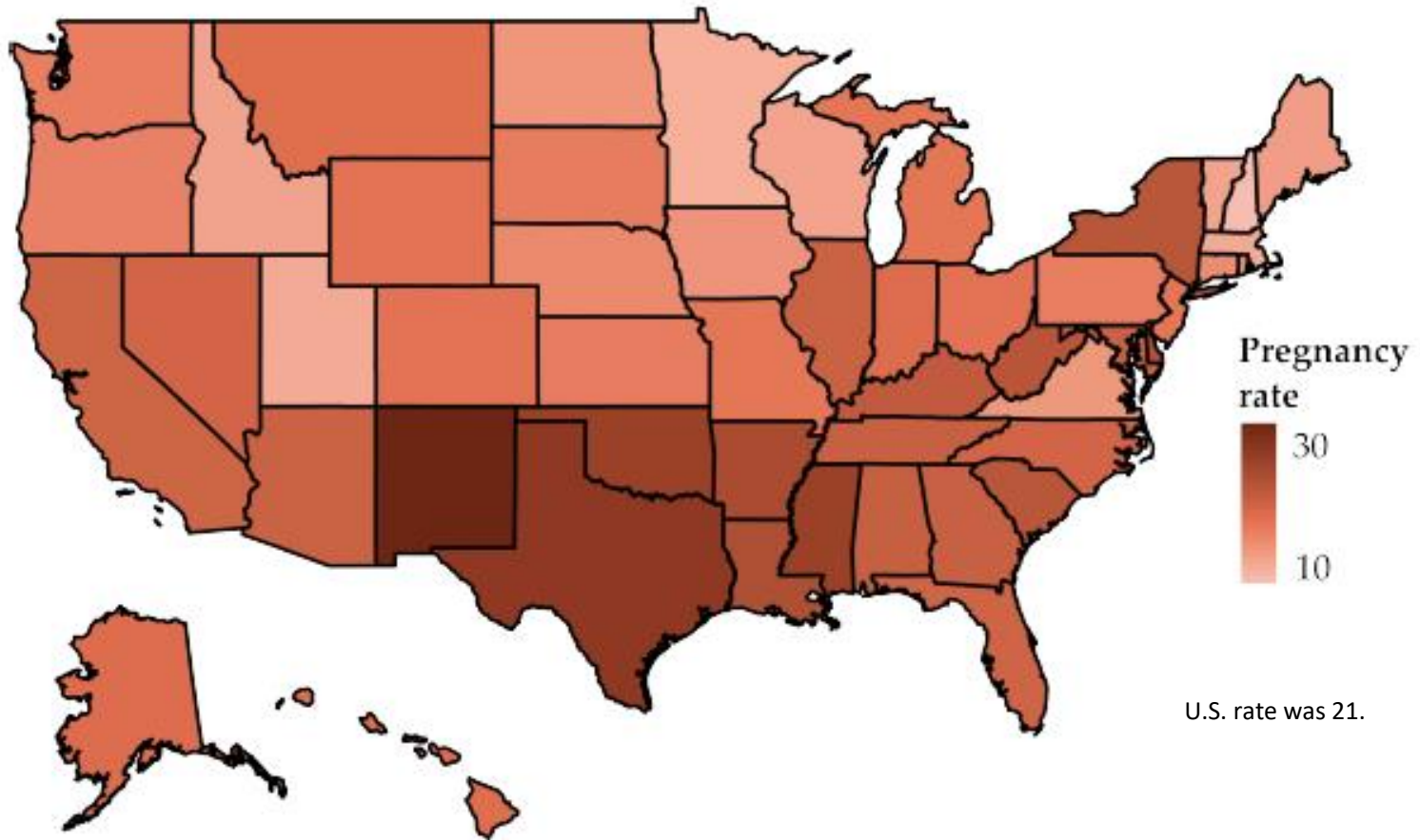


Note: Rate is calculated as pregnancies per 1,000 females ages 15-19.

Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women in the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



Pregnancy Rates Among Females Ages 15-17 United States, 2013

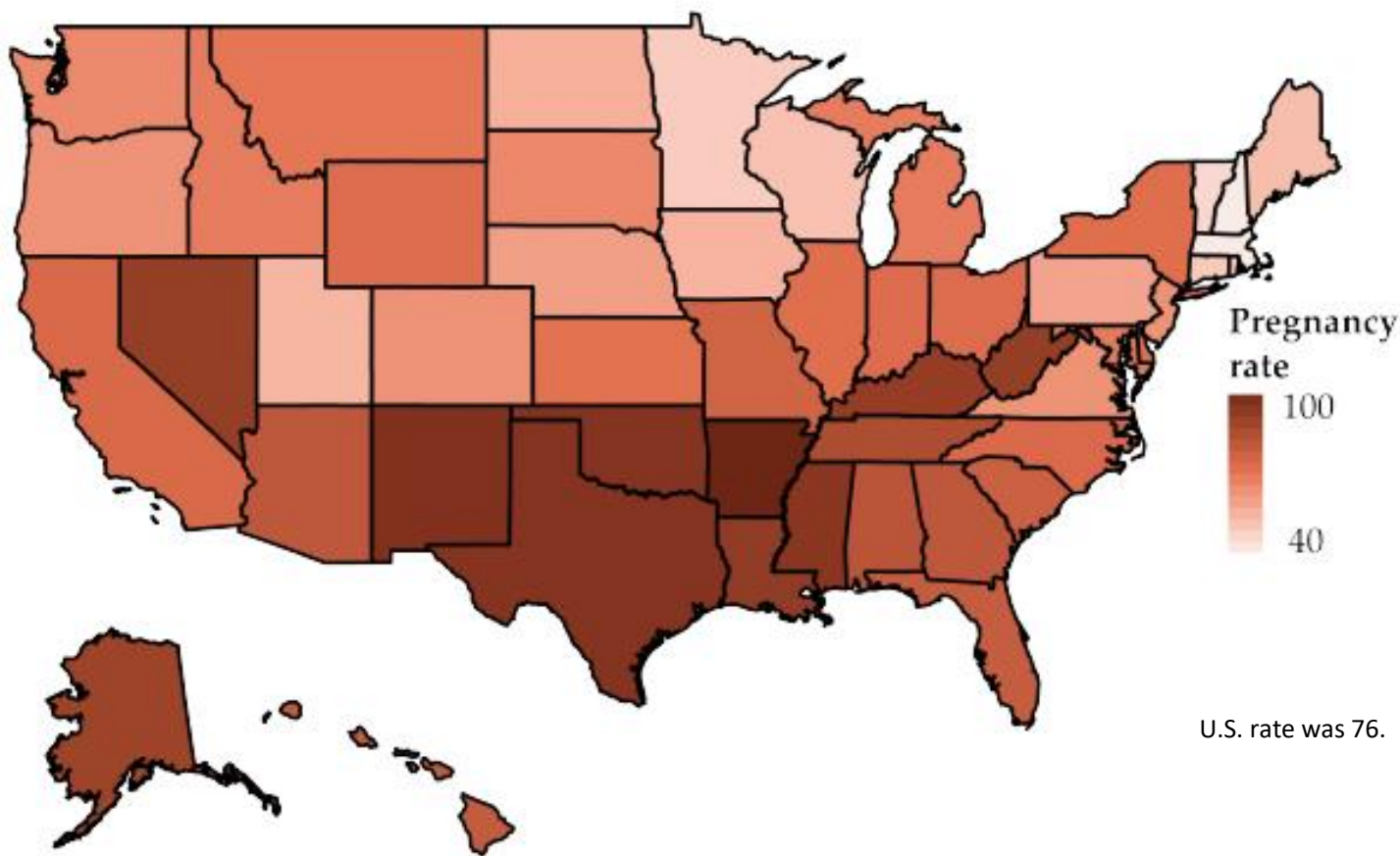


Note: Rate is calculated as pregnancies per 1,000 females ages 15-17.

Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women In the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



Pregnancy Rates Among Females Ages 18-19 United States, 2013



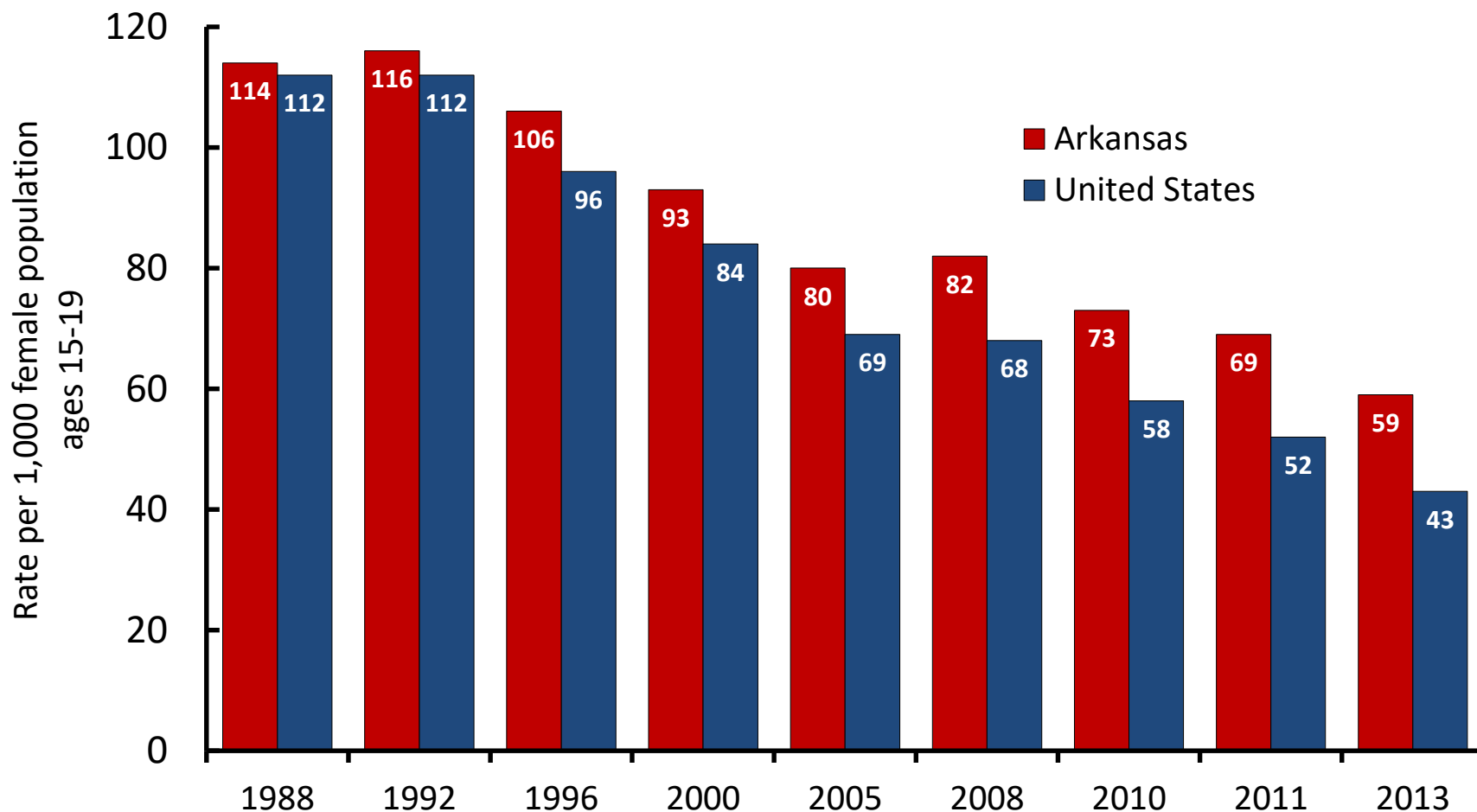
Note: Rate is calculated as pregnancies per 1,000 females ages 18-19.

Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women in the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



Pregnancy Rates Among Females Ages 15-19

Arkansas and United States, Selected Years 1988-2013

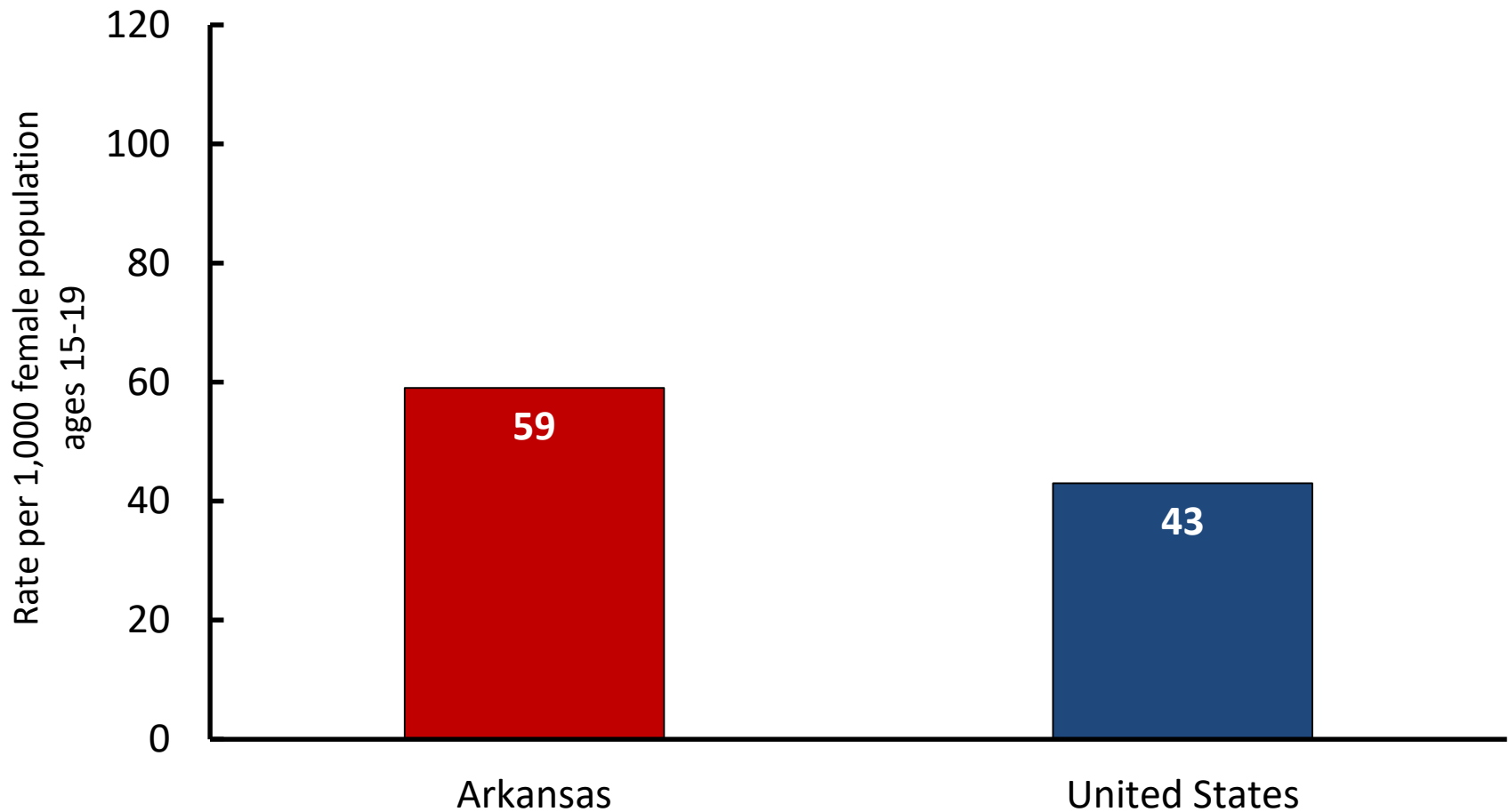


Note: Pregnancy rates include estimated number of pregnancies ending in miscarriage or stillbirth.

Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women In the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



Pregnancy Rates Among Females Ages 15-19 Arkansas and United States, 2013

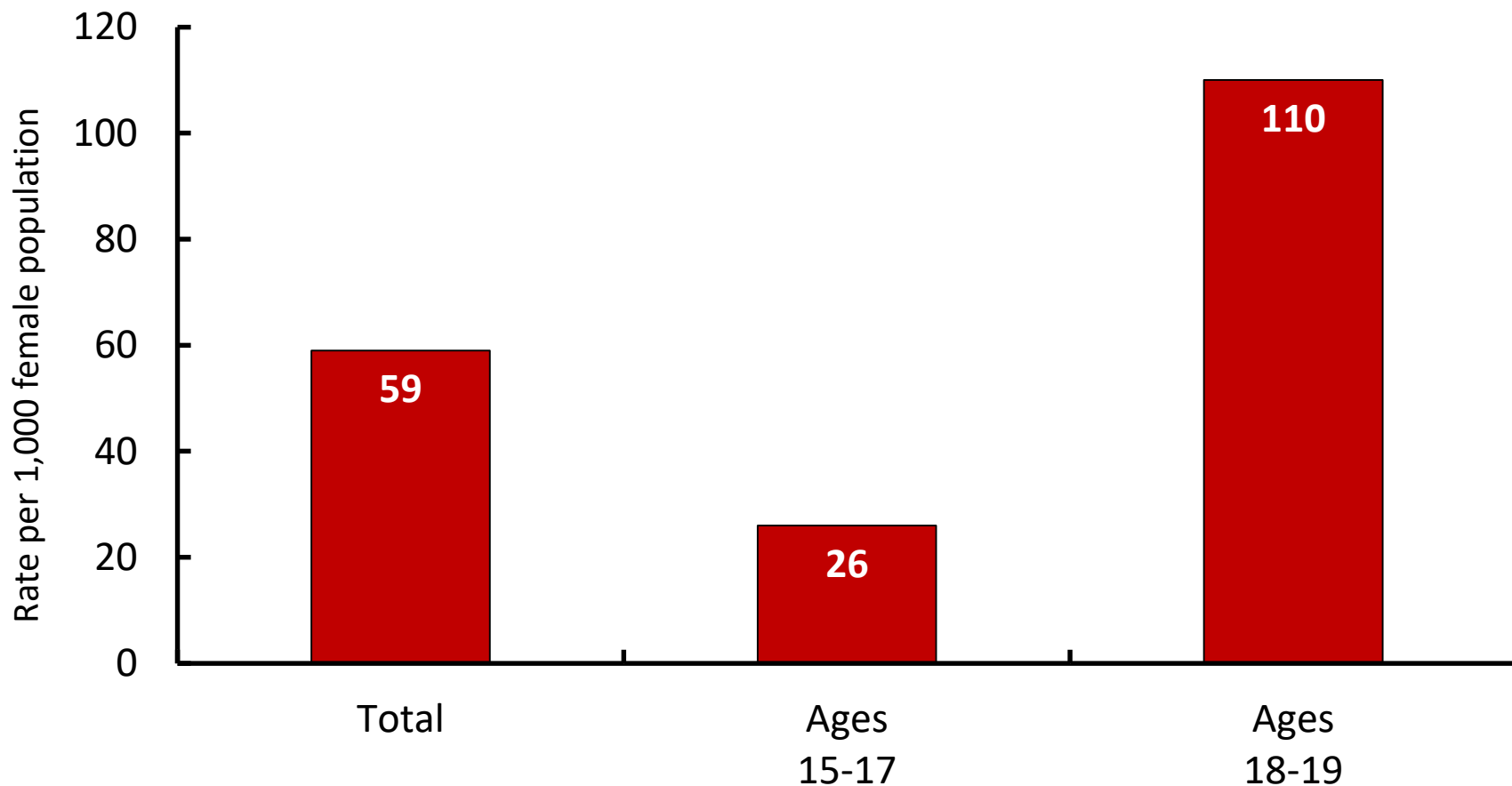


Note: Pregnancy rates include estimated number of pregnancies ending in miscarriage or stillbirth.

Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women In the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



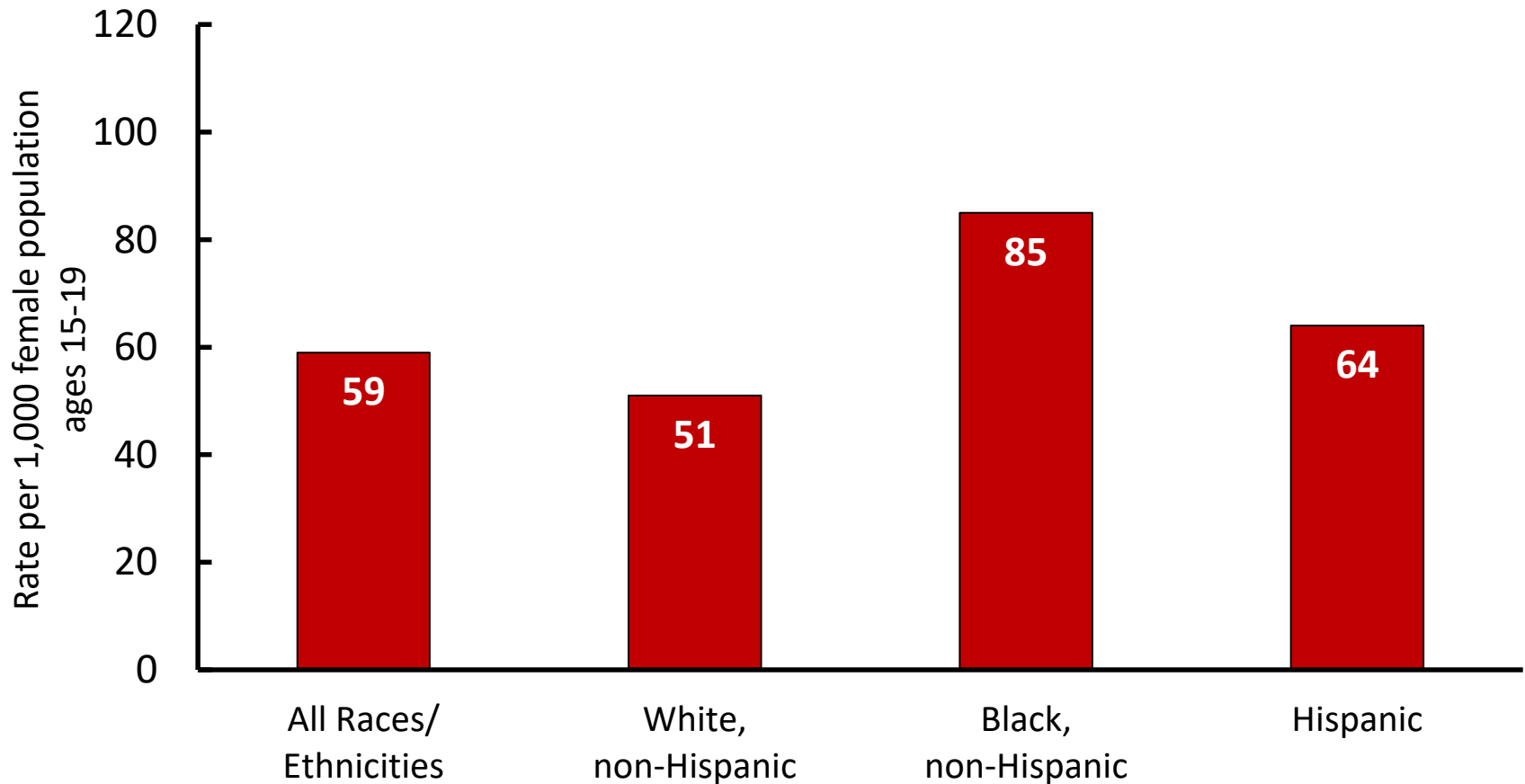
Pregnancy Rates Among Females Ages 15-19 By Maternal Age Group, Arkansas, 2013



Notes: Pregnancy rates include estimated number of pregnancies ending in miscarriage or stillbirth. Includes data for residents only.
Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women In the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



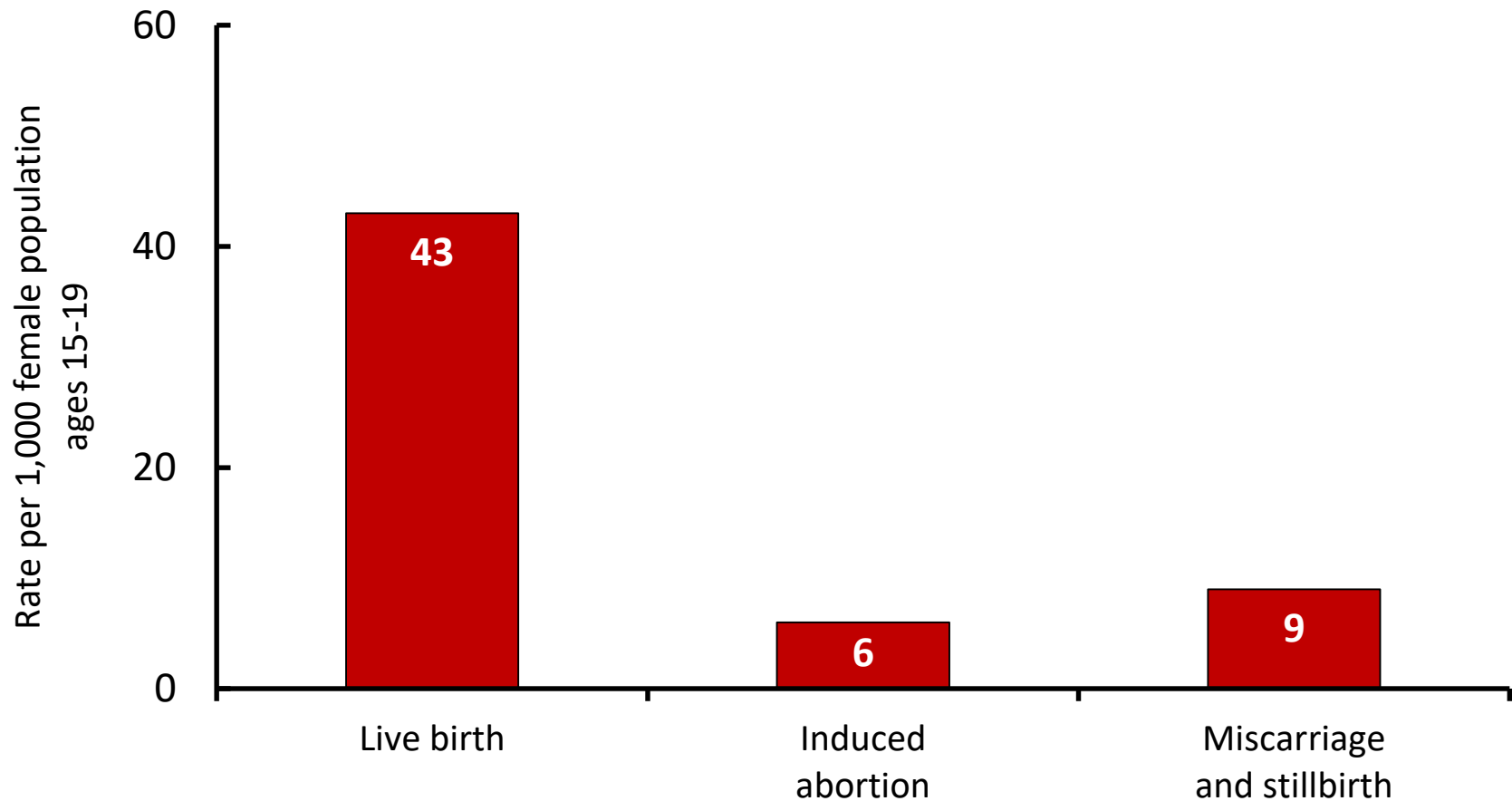
Pregnancy Rates Among Females Ages 15-19 By Maternal Race/Ethnicity, Arkansas, 2013



Notes: Pregnancy rates include estimated number of pregnancies ending in miscarriage or stillbirth. Includes data for residents only.
Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women In the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



Pregnancy Outcome Rates Among Females Ages 15-19 Arkansas, 2013



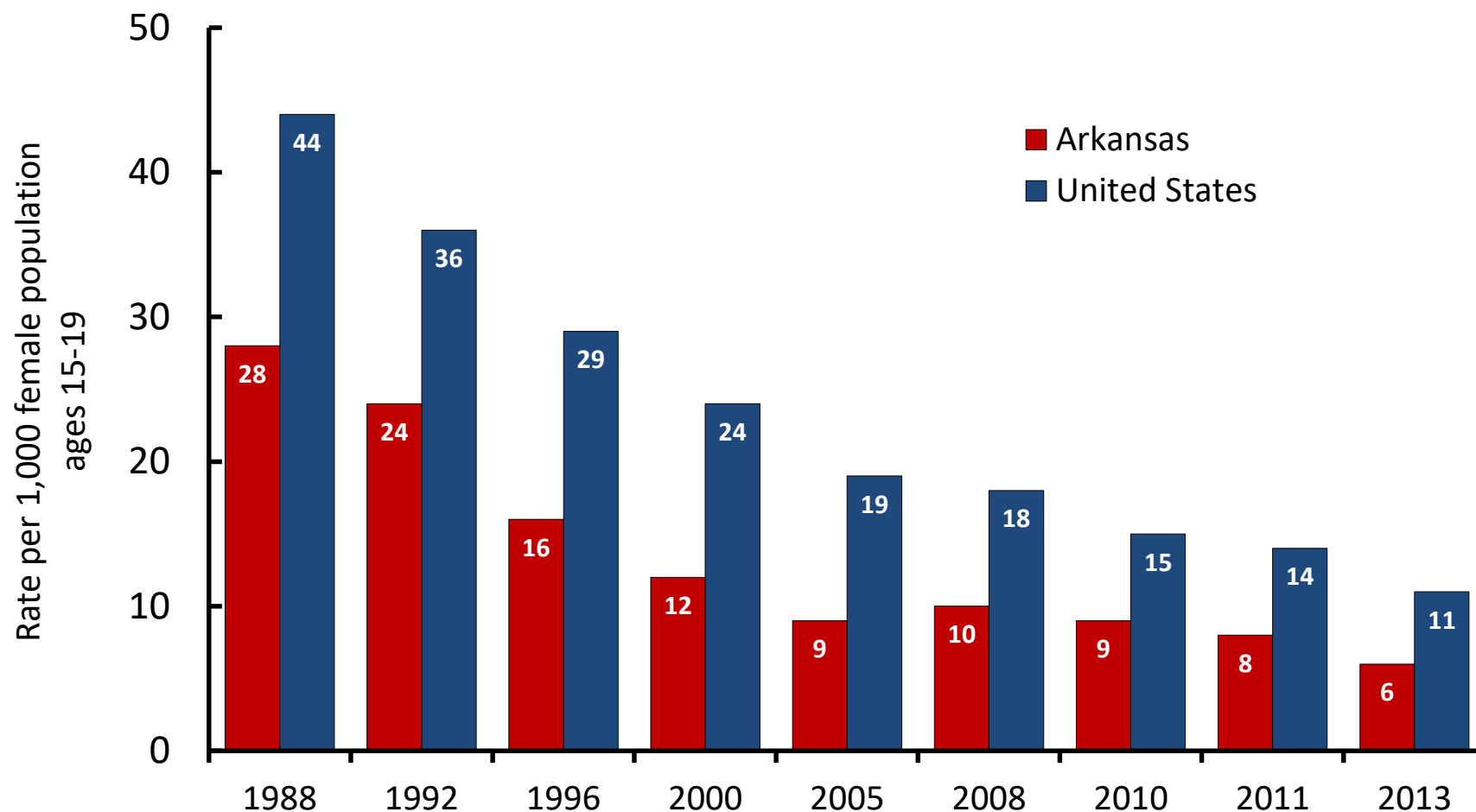
Notes: Miscarriages and stillbirths are estimated as 20% of births plus 10% of abortions. Includes data for residents only.

Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women In the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



Abortion Rates Among Females Ages 15-19

Arkansas and United States, Selected Years 1988-2013

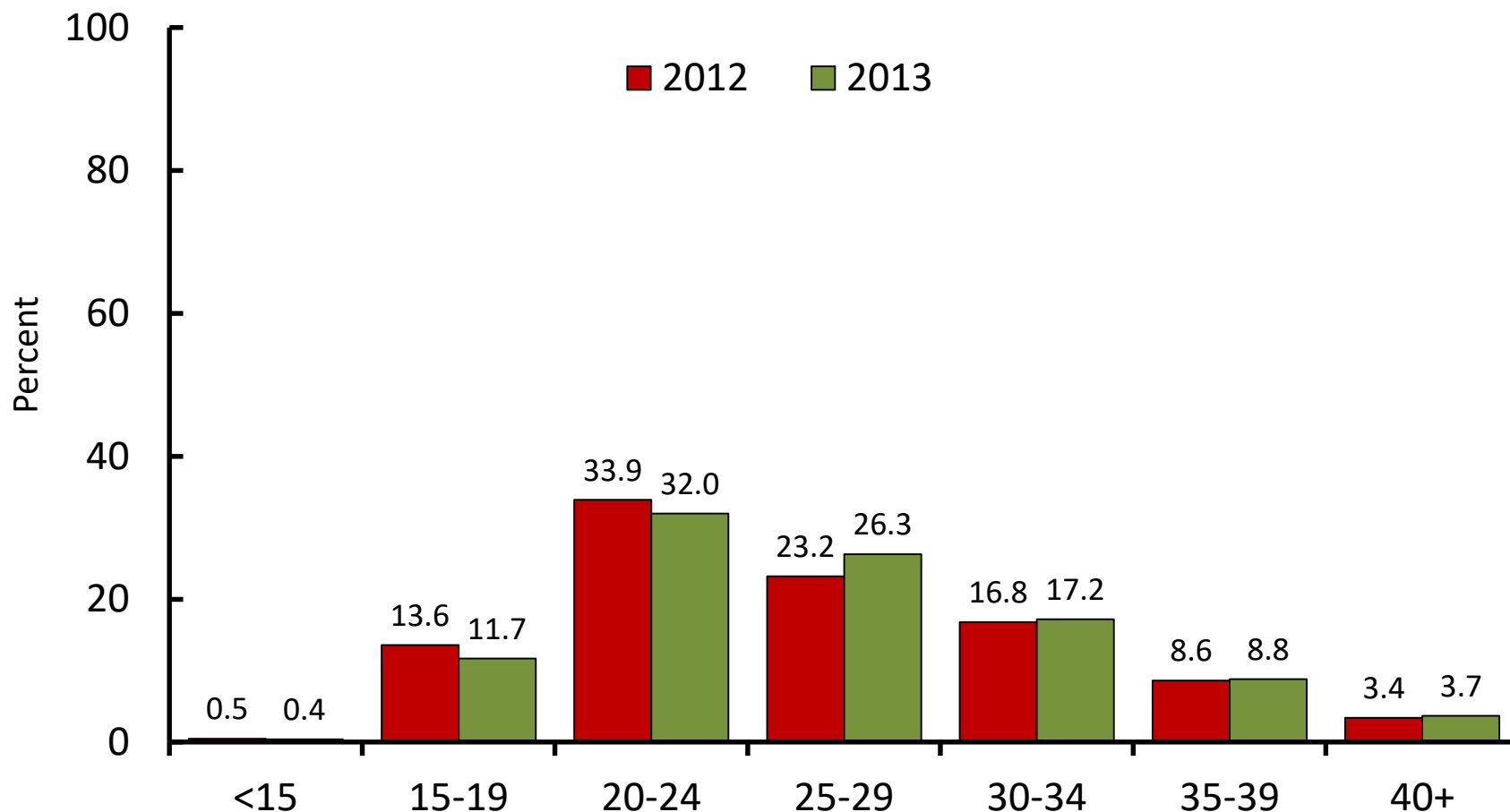


Note: Rate is calculated as abortions per 1,000 females ages 15-19.

Source: Kost K, Maddow-Zimet I, Arpaia A. (August 2017). *Pregnancies, Births and Abortions Among Adolescents and Young Women In the United States, 2013: National and State Trends by Age, Race and Ethnicity*. Guttmacher Institute. Retrieved from https://www.guttmacher.org/sites/default/files/report_pdf/us-adolescent-pregnancy-trends-2013.pdf



Percent Distribution of Induced Abortion By Maternal Age, Arkansas, 2012 and 2013

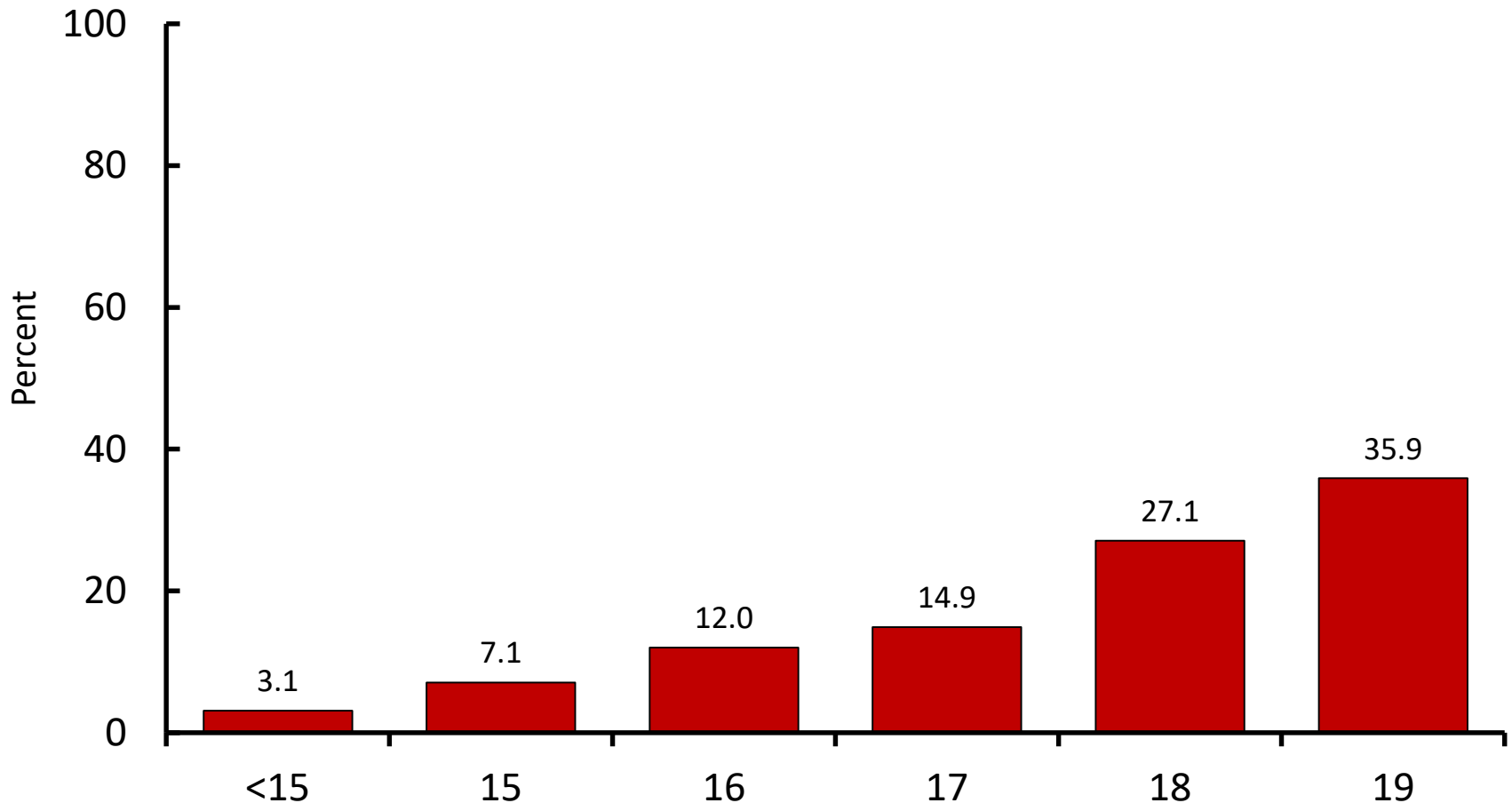


Notes: 3,730 abortions were reported in Arkansas in 2013. Data are occurrences and not limited to residents. Percent might not add to 100 because of rounding.

Source: Jatlaoui TC, Ewing A, Mandel MG, et al. *Abortion Surveillance — United States, 2013*. *MMWR Surveillance Summaries* 2016;65(No. SS-12):1–44. Retrieved from <https://www.cdc.gov/mmwr/volumes/65/ss/pdfs/ss6512.pdf>



Percent Distribution of Induced Abortion Among Females Ages 15-19, by Age, Arkansas, 2013



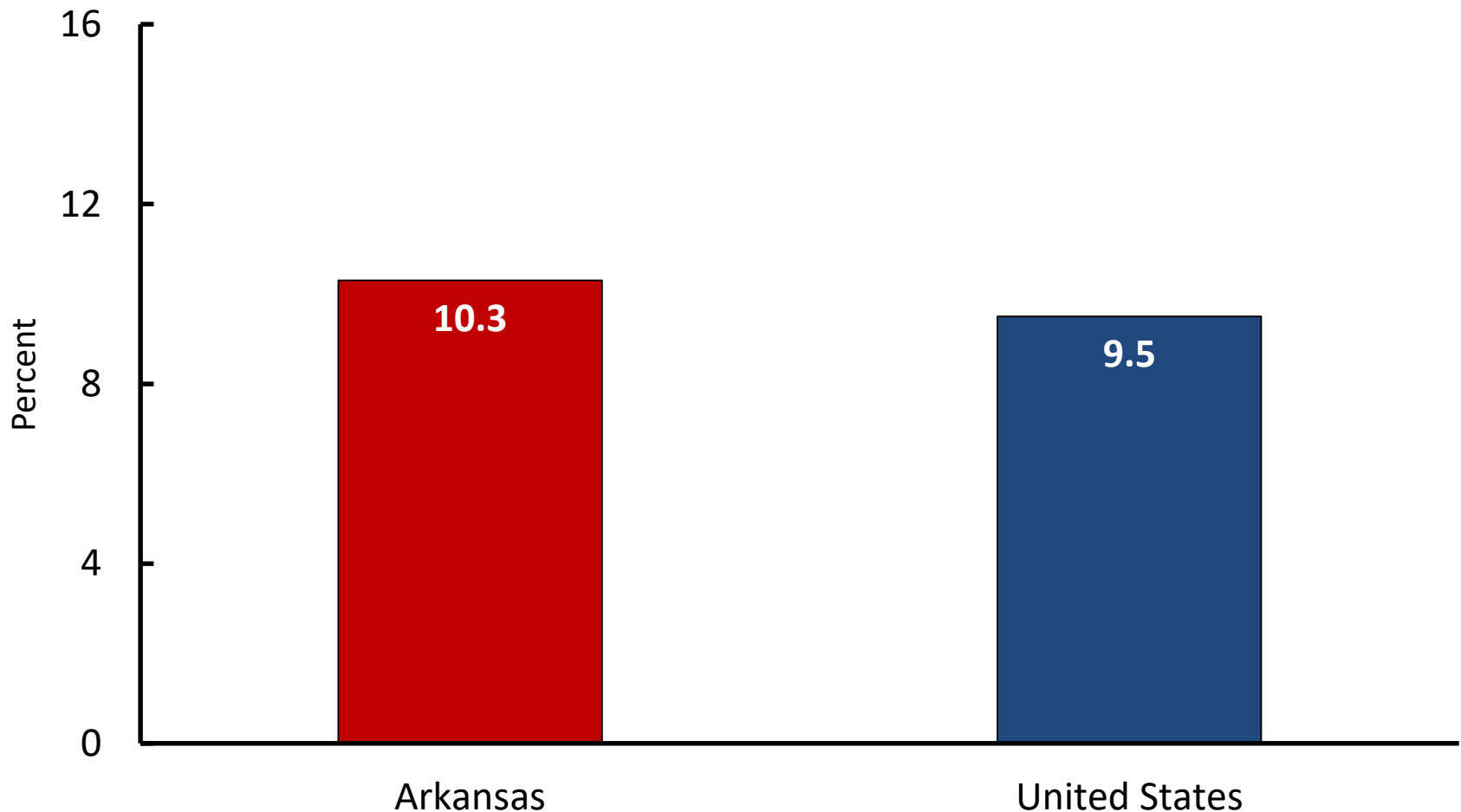
Notes: 451 abortions were reported among females ages 15-19 in Arkansas in 2013. Data are occurrences and not limited to residents. Percent might not add to 100 because of rounding.

Source: Jatlaoui TC, Ewing A, Mandel MG, et al. *Abortion Surveillance — United States, 2013. MMWR Surveillance Summaries* 2016;65(No. SS-12):1–44. Retrieved from <https://www.cdc.gov/mmwr/volumes/65/ss/pdfs/ss6512.pdf>



BIRTH OUTCOMES AMONG TEENS

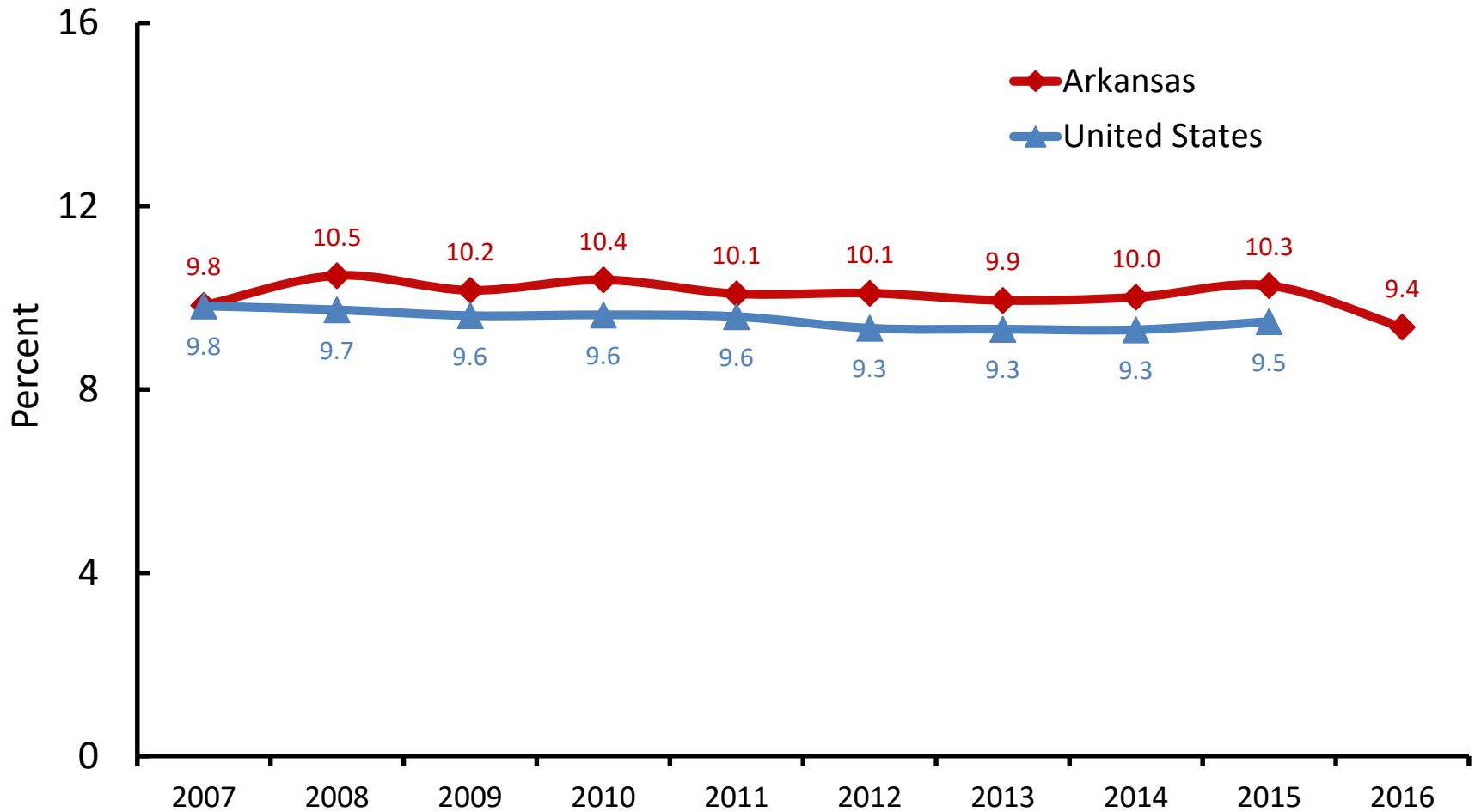
Percent of Low Birth Weight Births Among Females Ages 15-19, Arkansas and United States, 2015



Notes: Low birth weight is defined as less than 2,500 grams. Arkansas data are provisional and subject to change.
Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



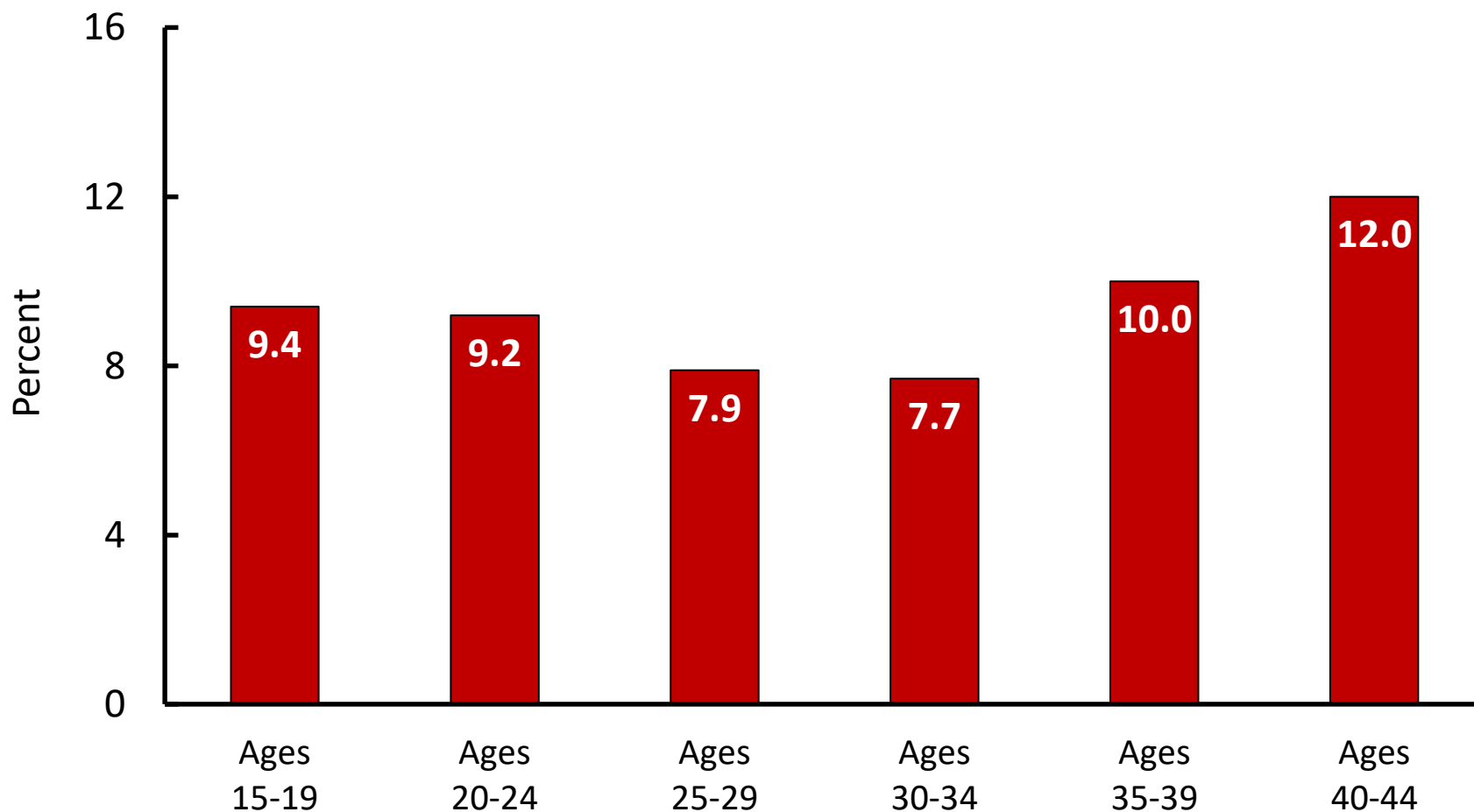
Percent of Low Birth Weight Births Among Females Ages 15-19, Arkansas and United States



Notes: Low birth weight is defined as less than 2,500 grams. Arkansas data are provisional and subject to change.
Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



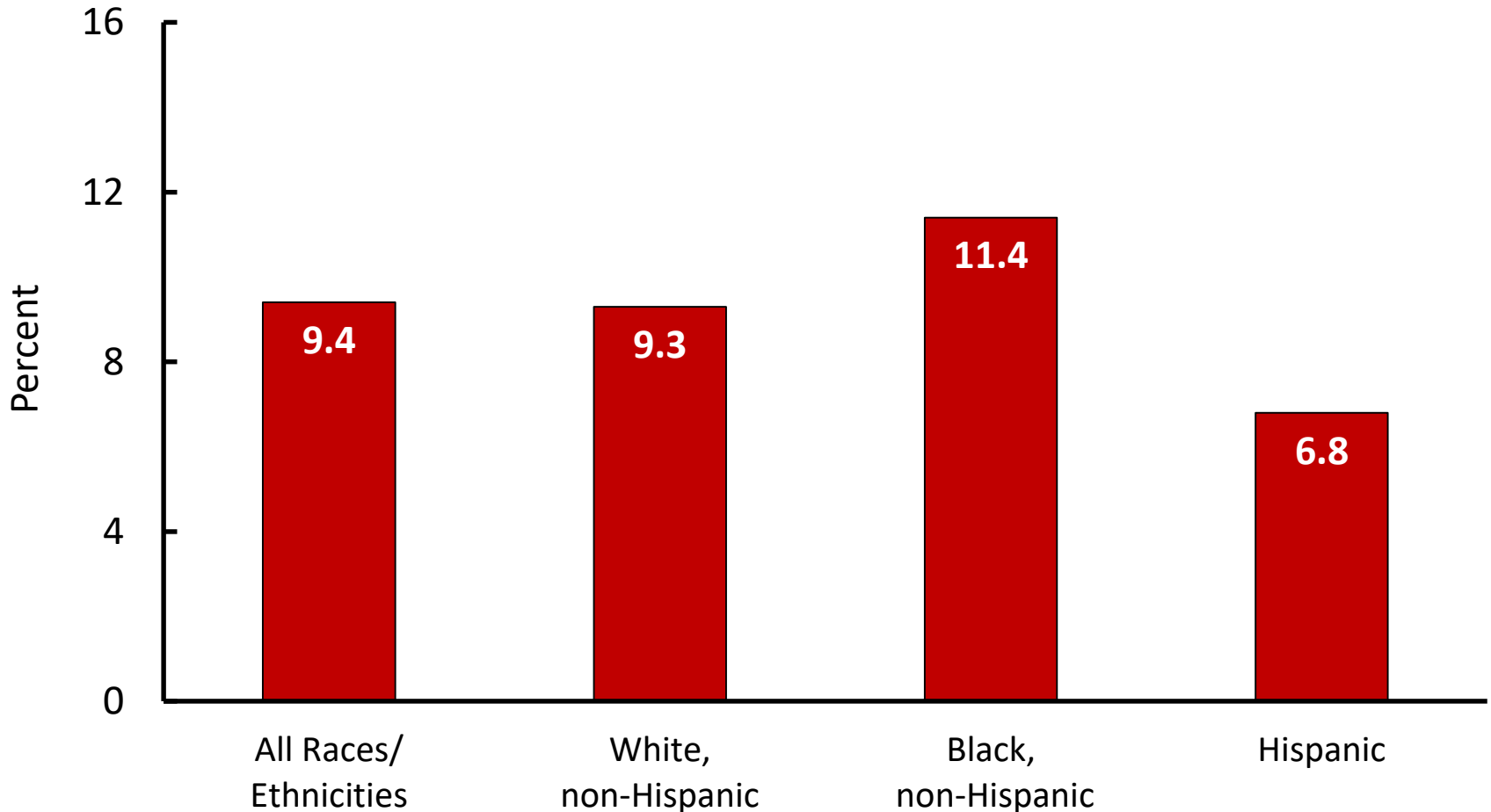
Percent of LBW Births by Maternal Age Group Arkansas, 2016



Notes: Low birth weight (LBW) is defined as less than 2,500 grams. Data are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



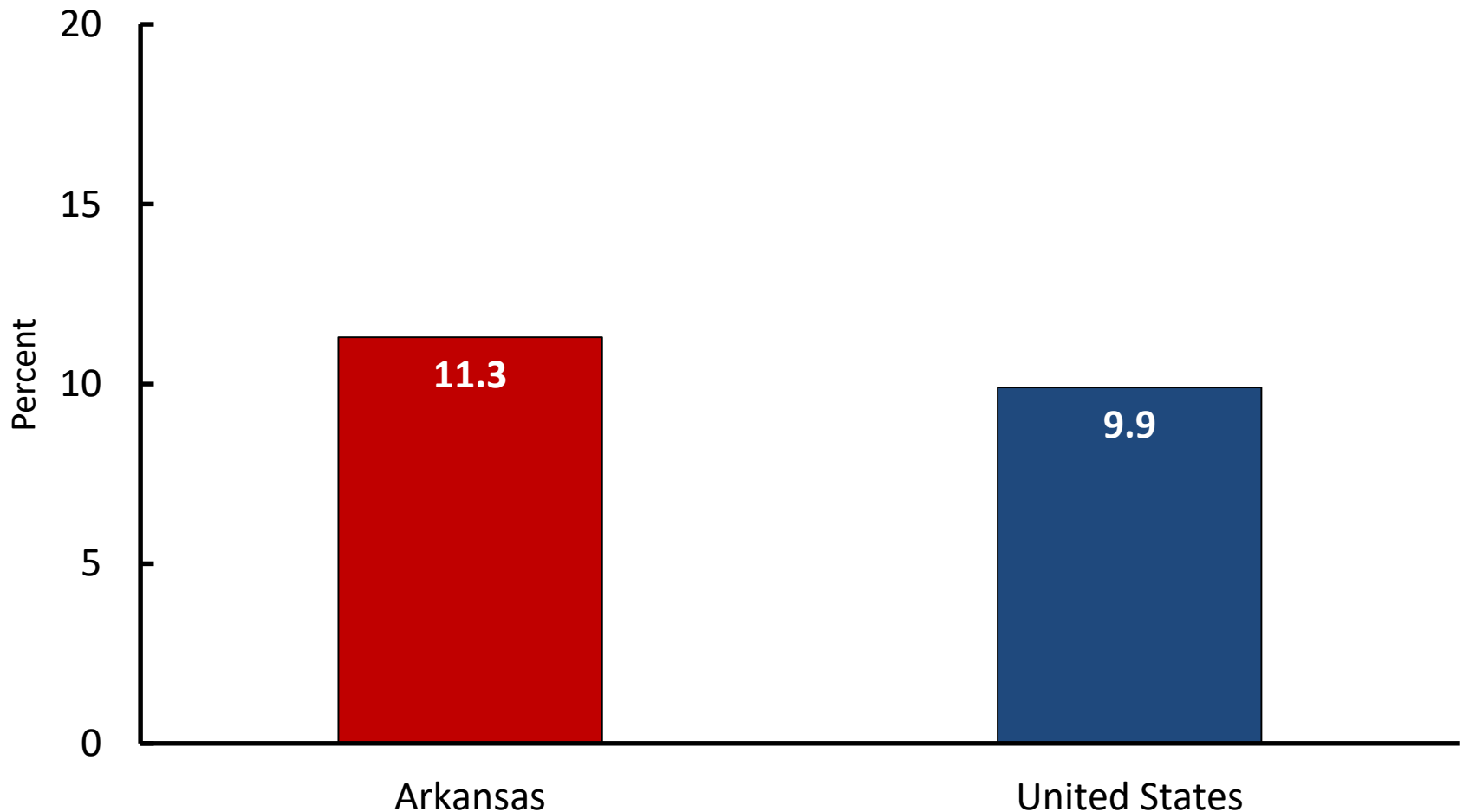
Percent of LBW Births Among Females Ages 15-19 By Maternal Race/Ethnicity, Arkansas, 2016



Notes: Low birth weight (LBW) is defined as less than 2,500 grams. Data are provisional and subject to change.
Source: Health Statistics Branch Query System, Arkansas Department of Health



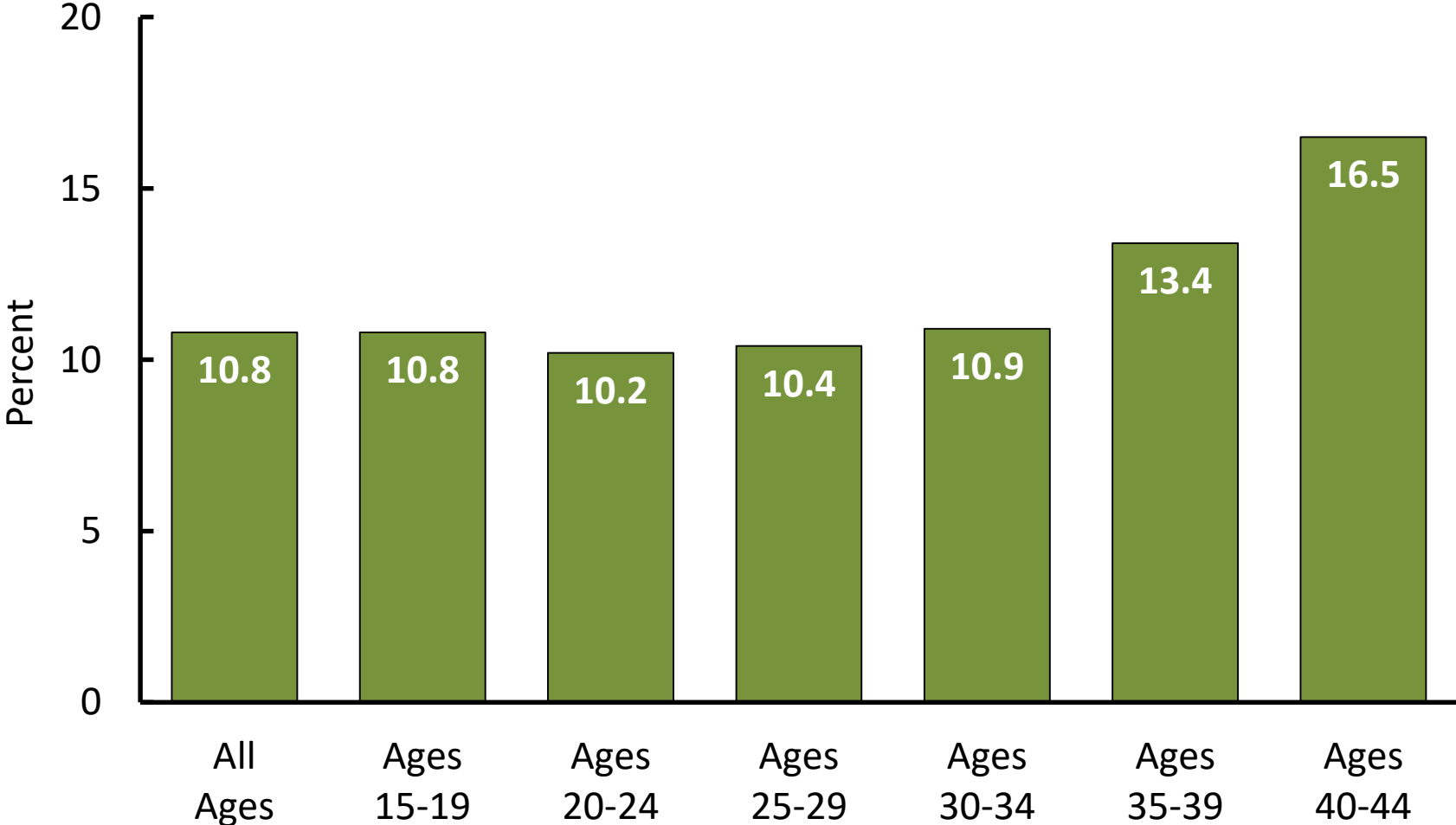
Percent of Preterm Births Among Females Ages 15-19, Arkansas and United States, 2015



Notes: Preterm is defined as less than 37 weeks gestation based on obstetric estimates. Data are provisional and subject to change.
Sources: Health Statistics Branch birth certificate data, Arkansas Department of Health, and CDC WONDER Online Database



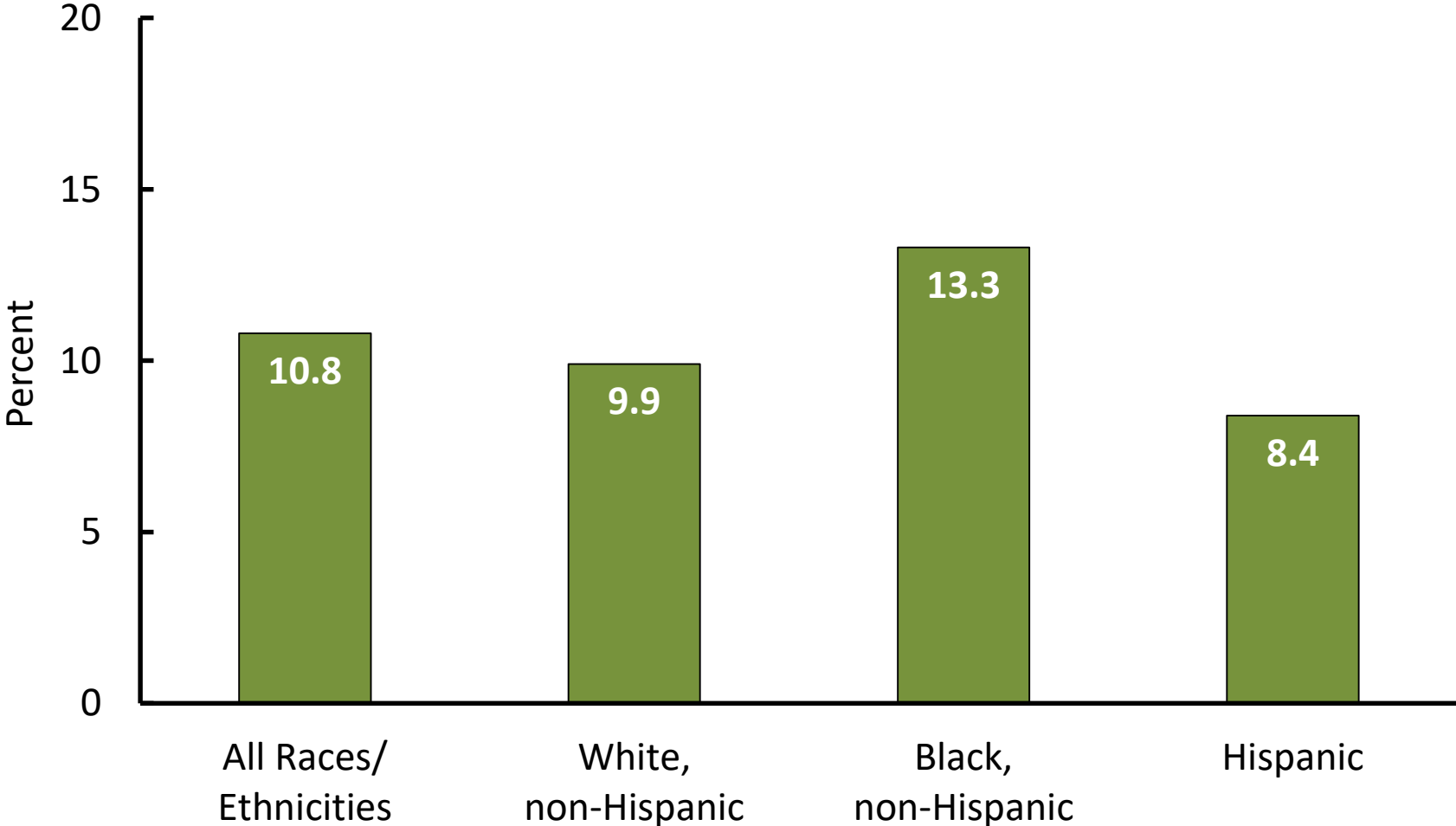
Percent of Preterm Births By Maternal Age Group, Arkansas, 2016



Notes: Preterm is defined as less than 37 weeks gestation based on obstetric estimates. Data are provisional and subject to change.
Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



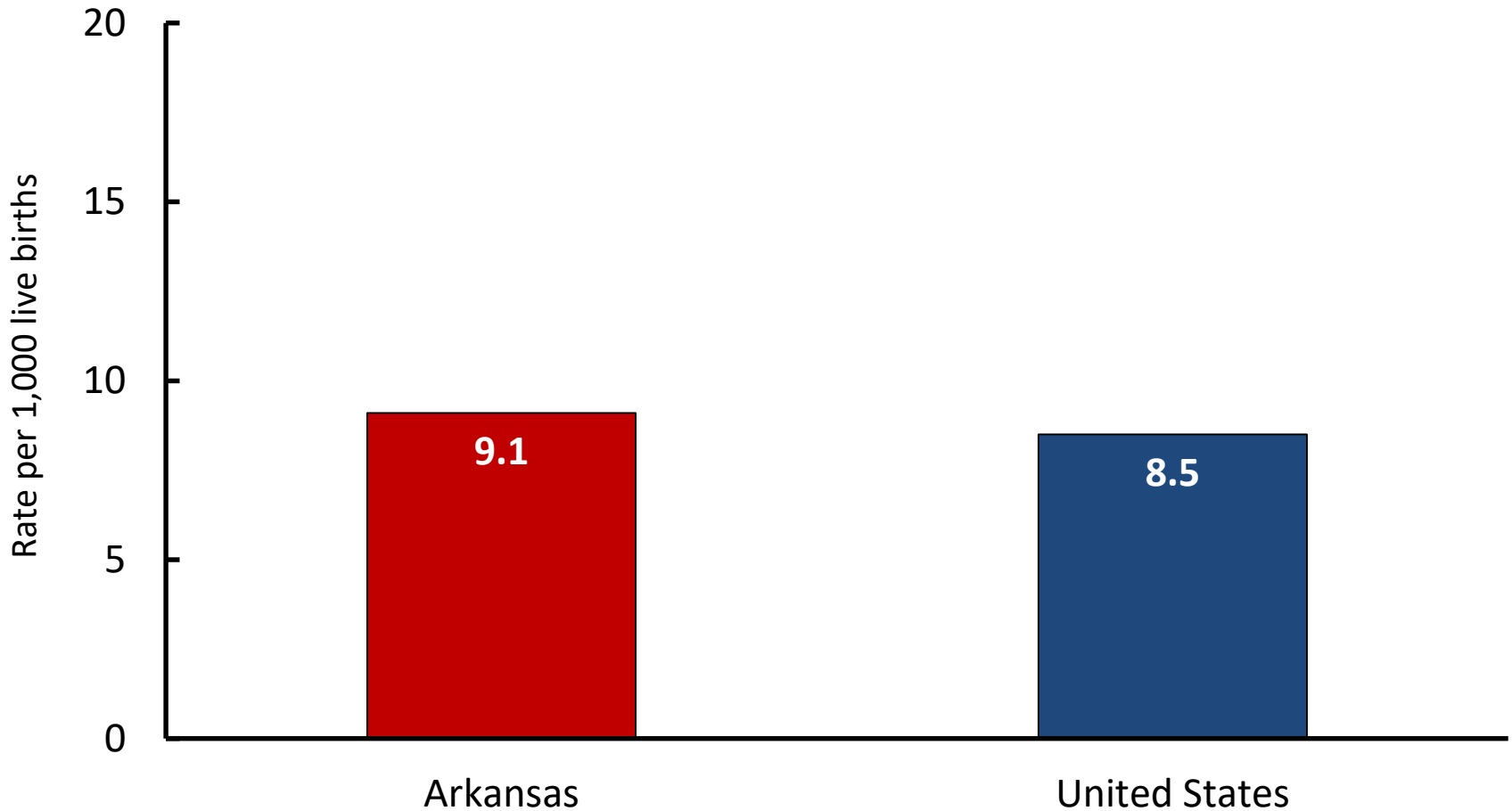
Percent of Preterm Births Among Females Ages 15-19 By Maternal Race/Ethnicity, Arkansas, 2016



Notes: Preterm is defined as less than 37 weeks gestation based on obstetric estimates. Data are provisional and subject to change. Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



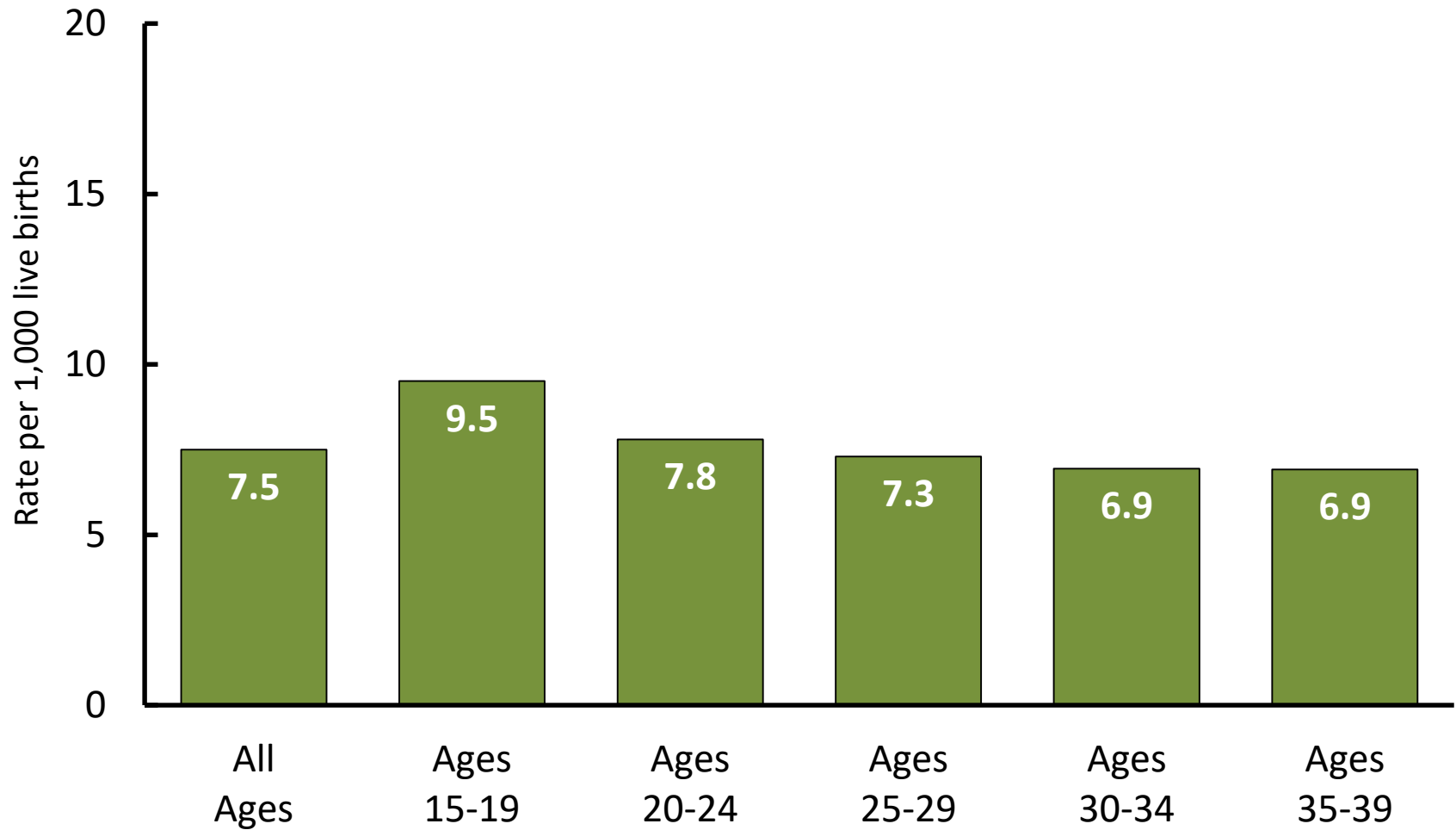
Infant Mortality Rate Among Females Ages 15-19 Arkansas and United States, 2014



Notes: Infant mortality rate is defined as the number of deaths among infants less than 1 year of age divided by the number of live births multiplied by 1,000. Arkansas data are provisional and subject to change. Rates are based on year of death and linked birth-infant deaths. Sources: Health Statistics Branch Query System, Arkansas Department of Health, and CDC WONDER Online Database



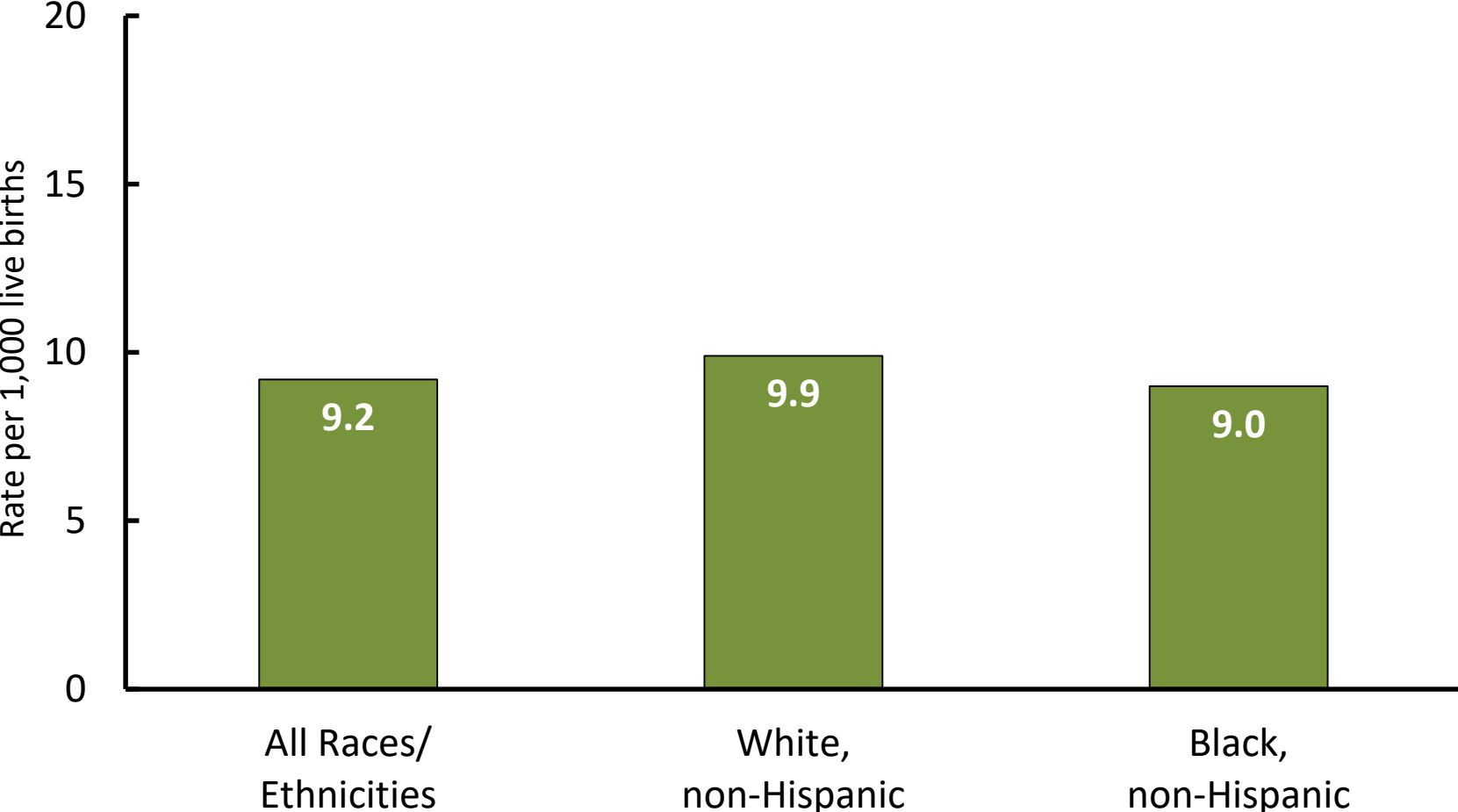
Infant Mortality Rate by Maternal Age Group Arkansas, 2016



Notes: Infant mortality rate is defined as the number of deaths among infants less than 1 year of age divided by the number of live births multiplied by 1,000. Data are provisional and subject to change. Rates are based on year of death and linked birth-infant deaths.
Source: Health Statistics Branch Query System, Arkansas Department of Health



Infant Mortality Rate Among Females Ages 15-19 By Maternal Race/Ethnicity, Arkansas, 2014-2016



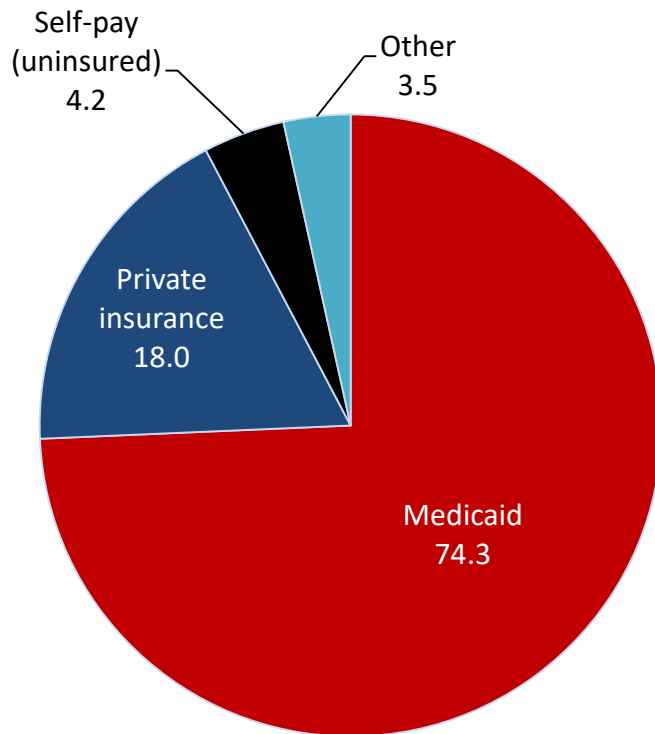
Notes: Infant mortality rate is defined as the number of deaths among infants less than 1 year of age divided by the number of live births multiplied by 1,000. Data are provisional and subject to change. Rates are based on year of death and linked birth-infant deaths. The infant mortality rate among Hispanic teens is suppressed due to the small number of deaths during the reporting period.

Source: Health Statistics Branch Query System, Arkansas Department of Health

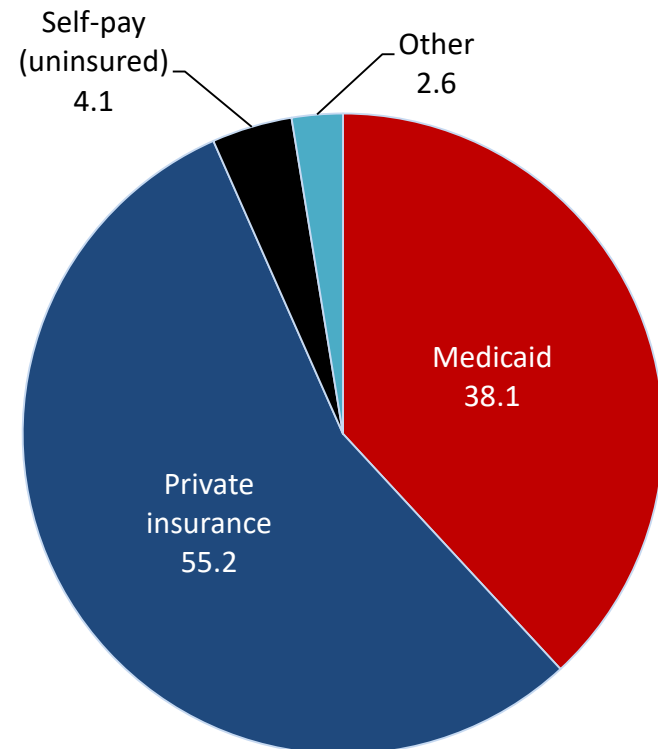


Percent Distribution of Principal Payment Source For Delivery, Arkansas, 2016

Births Among Females Younger than Age 20



Births Among Females Ages 20 and Older



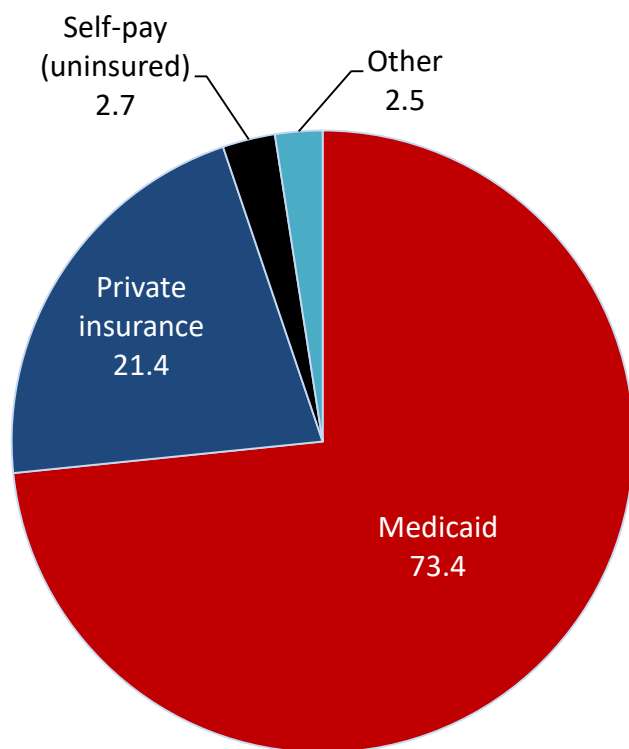
Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding.

Source: Health Statistics Branch birth certificate data, Arkansas Department of Health

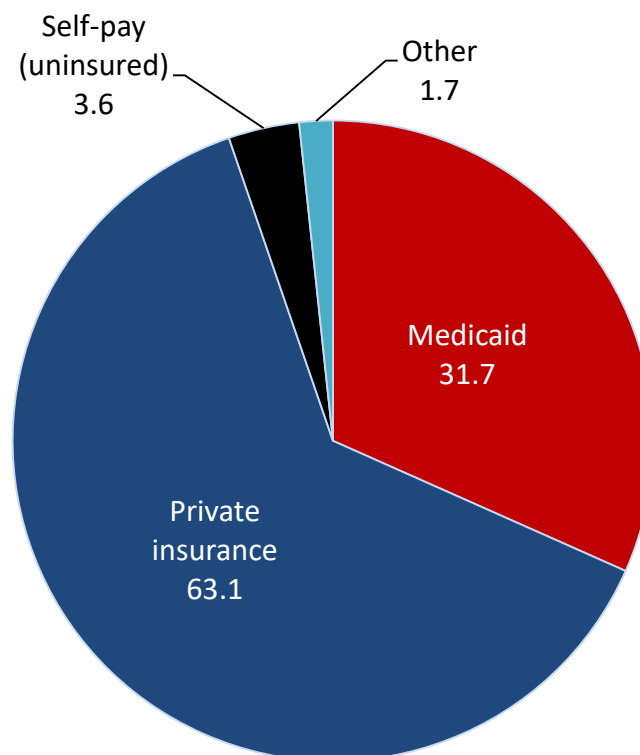


Percent Distribution of Principal Payment Source For Delivery, White Non-Hispanics, Arkansas, 2016

Births Among WNH Females Younger than Age 20



Births Among WNH Females Ages 20 and Older

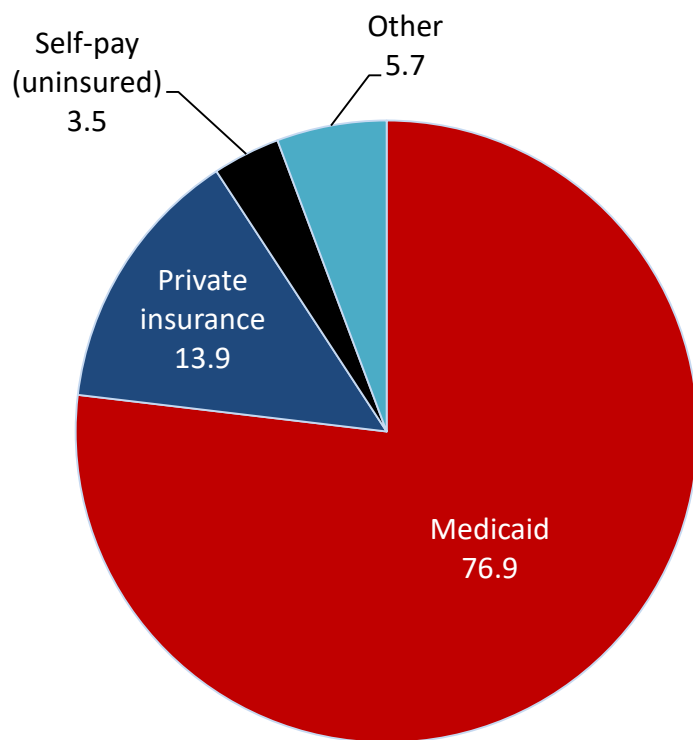


Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. WNH = White, non-Hispanic. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding. Source: Health Statistics Branch birth certificate data, Arkansas Department of Health

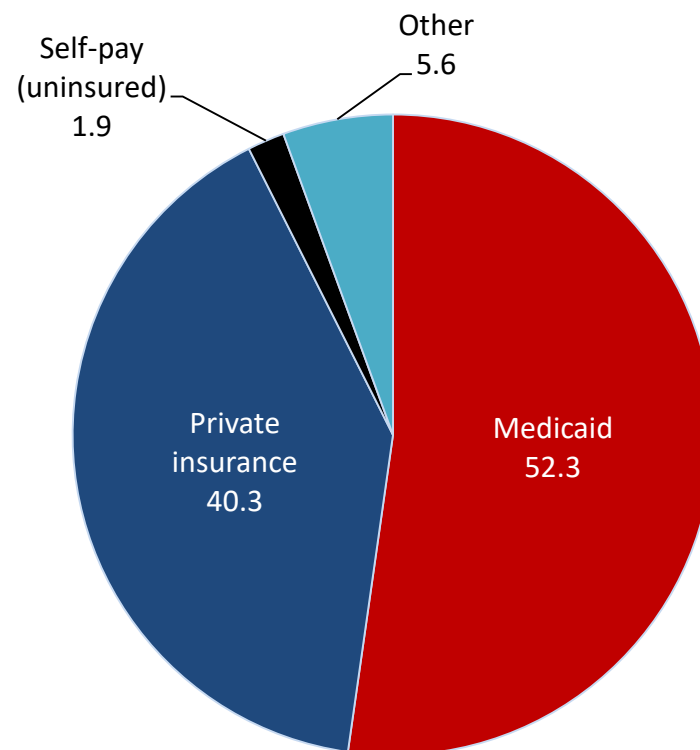


Percent Distribution of Principal Payment Source For Delivery, Black Non-Hispanics, Arkansas, 2016

Births Among BNH Females Younger than Age 20



Births Among BNH Females Ages 20 and Older

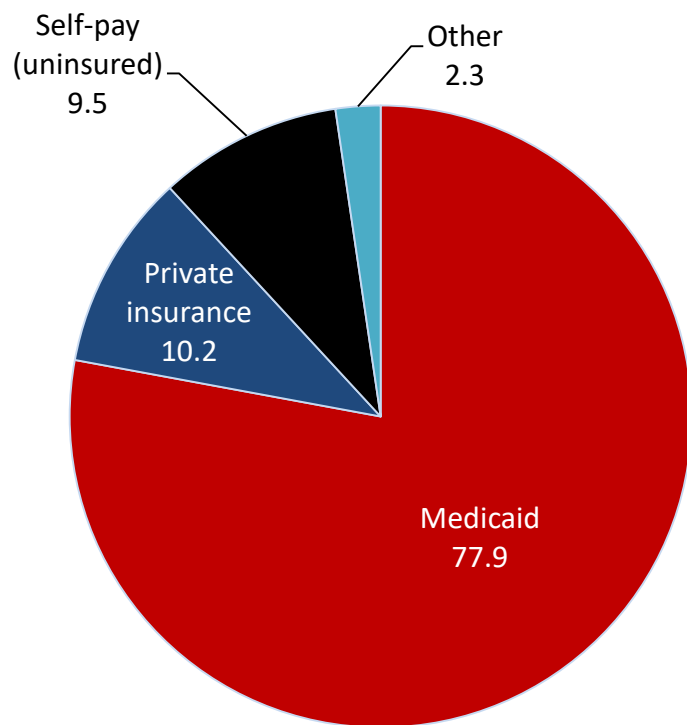


Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. BNH = Black, non-Hispanic. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding.
Source: Health Statistics Branch birth certificate data, Arkansas Department of Health

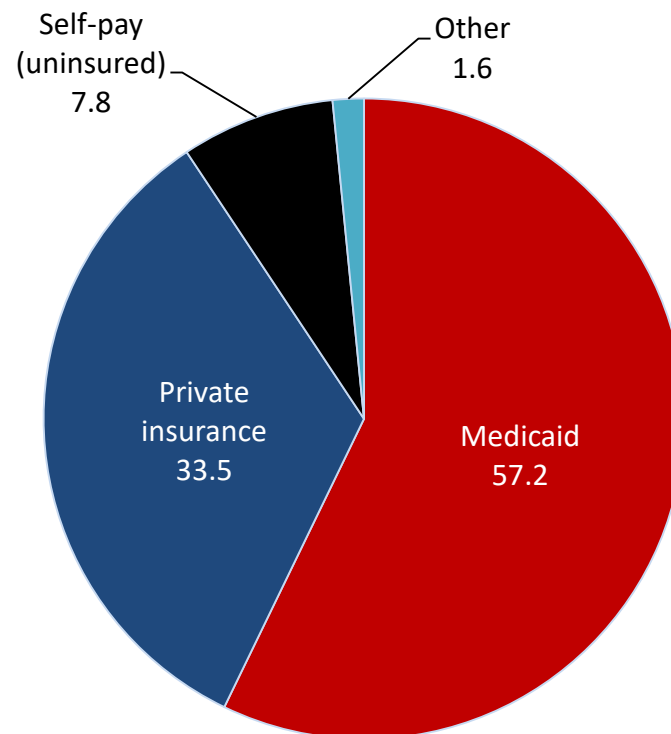


Percent Distribution of Principal Payment Source For Delivery, Hispanics, Arkansas, 2016

Births Among Hispanic Females Younger than Age 20



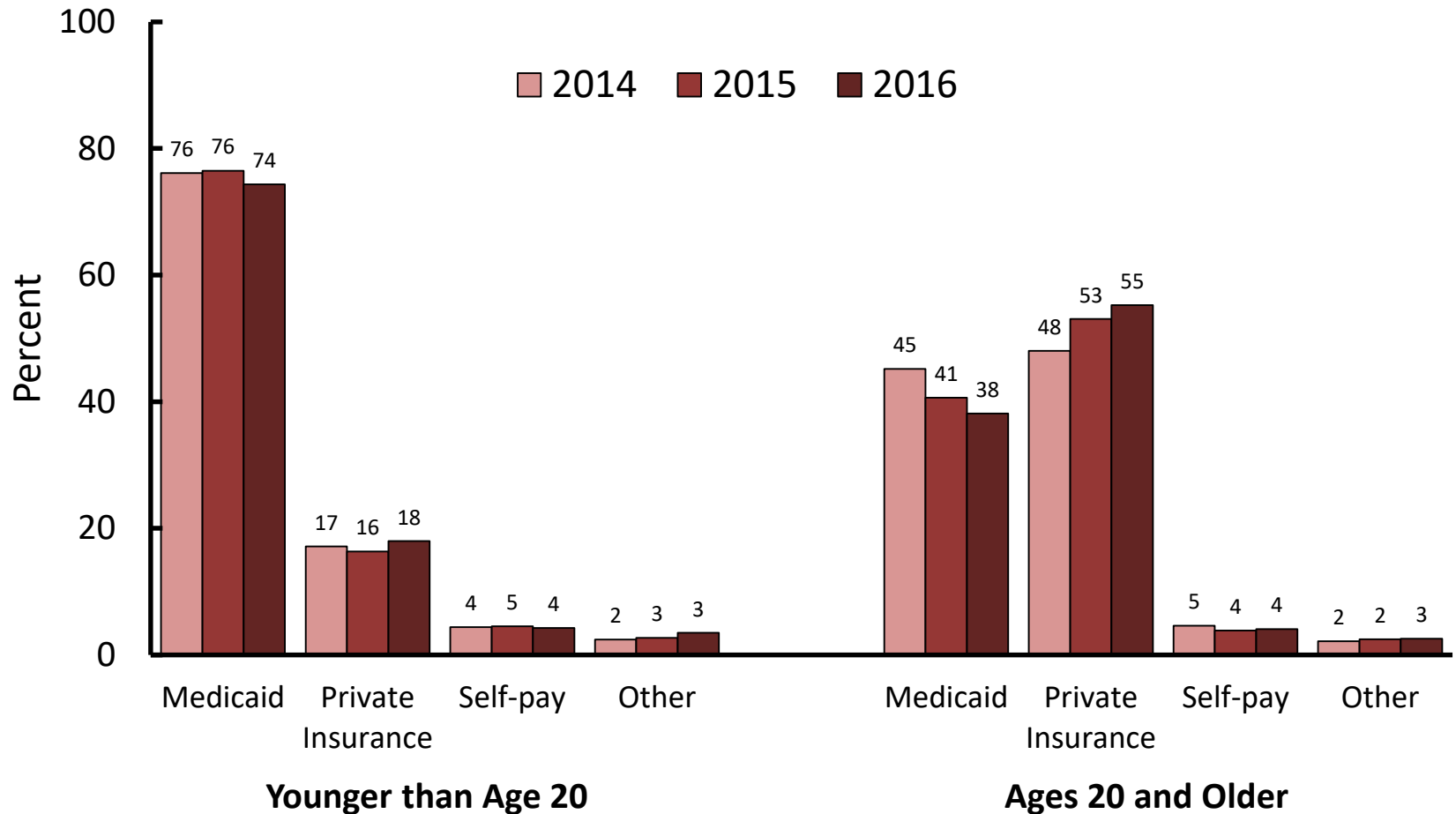
Births Among Hispanic Females Ages 20 and Older



Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding.
Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



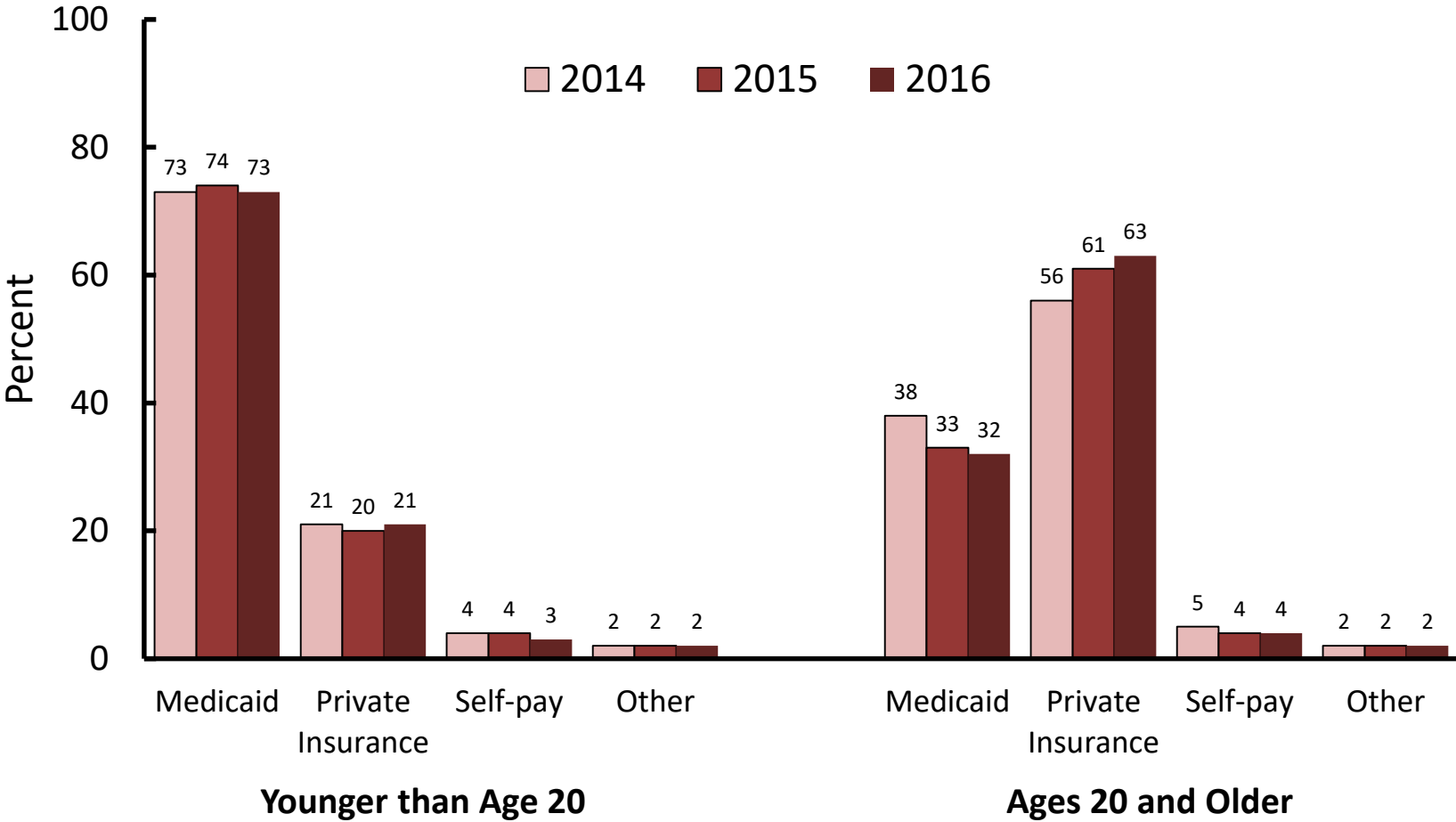
Percent Distribution of Principal Payment Source for Delivery, by Age Group, Arkansas, 2014-2016



Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding.
 Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



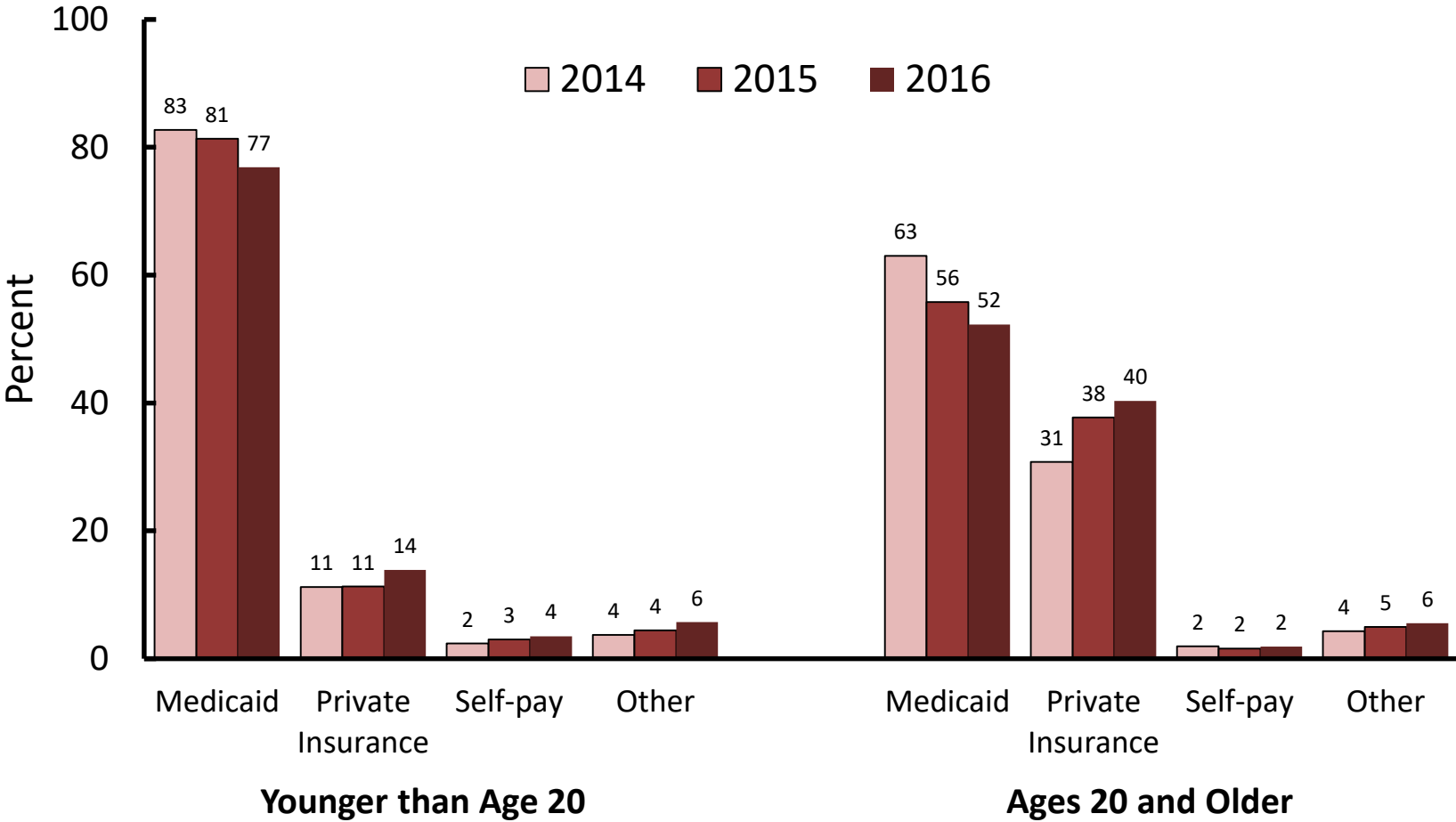
Percent Distribution of Principal Payment Source for Delivery, White Non-Hispanics, Arkansas, 2014-2016



Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding.
 Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



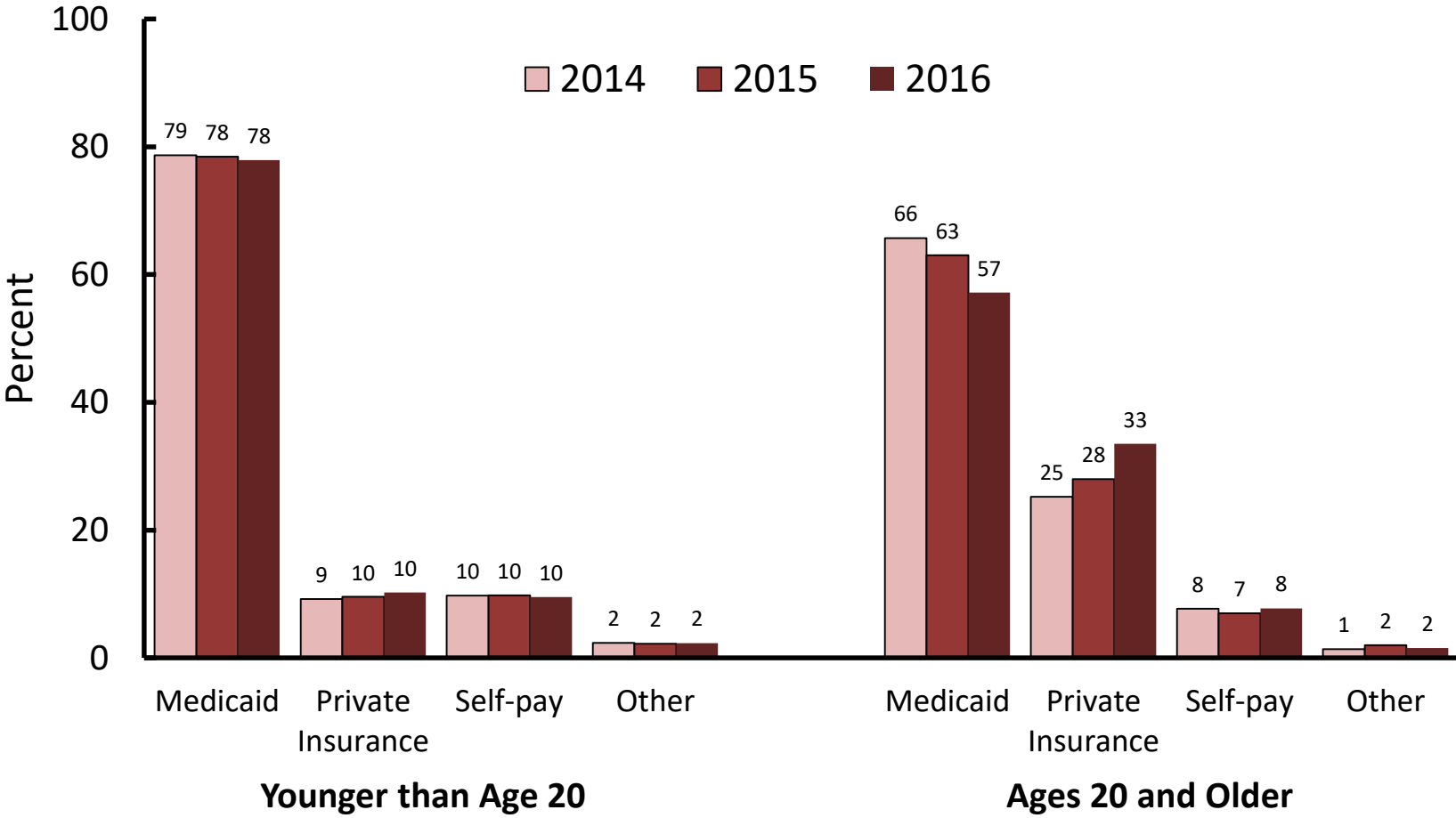
Percent Distribution of Principal Payment Source for Delivery, Black Non-Hispanics, Arkansas, 2014-2016



Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding.
 Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



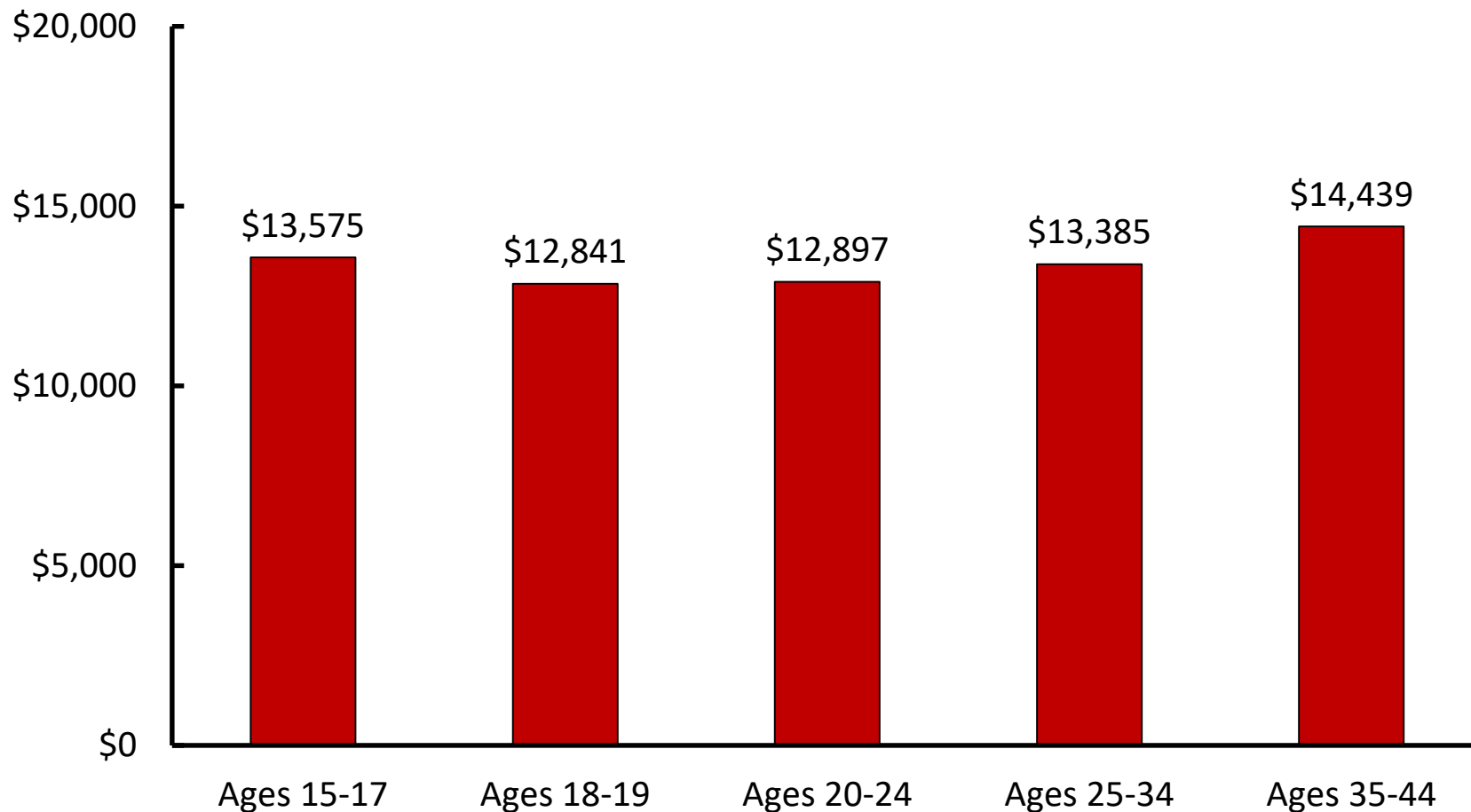
Percent Distribution of Principal Payment Source for Delivery, Hispanics, Arkansas, 2014-2016



Notes: The principal source of payment for the delivery is the source that covered the majority of the delivery costs, even if there was more than one source. Data are provisional and subject to change. Percentages may not sum up to 100 due to rounding.
 Source: Health Statistics Branch birth certificate data, Arkansas Department of Health



Average Hospital Charges for Childbirth By Maternal Age Group, Arkansas, 2014

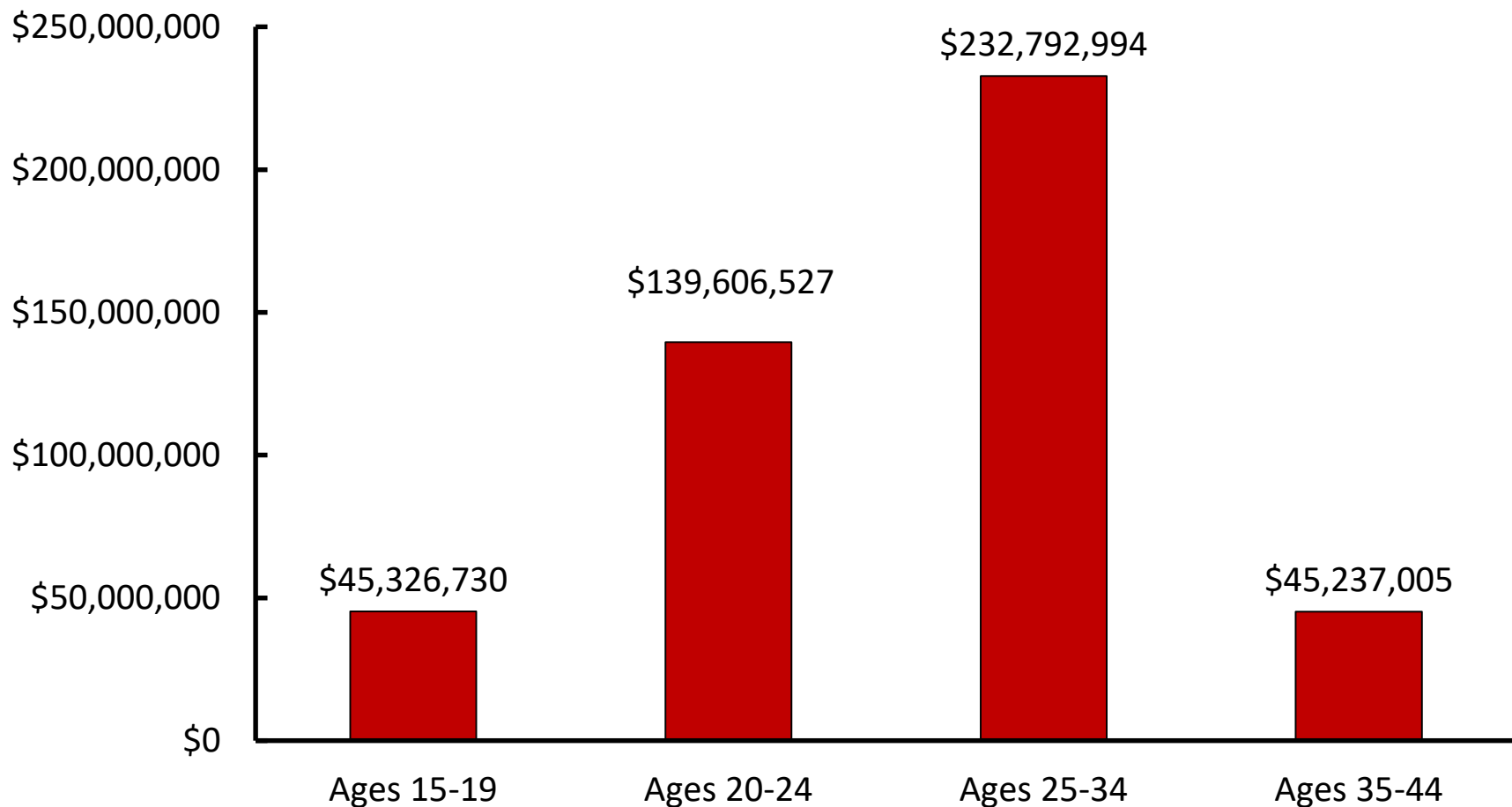


Notes: Diagnosis Related Group (DRG) codes for C-section delivery (765-766) and vaginal birth (767-768, 774-775) were used. The average charge for all maternal ages was \$13,297.

Source: Hospital Discharge Data System, Health Statistics Branch, Arkansas Department of Health



Total Hospital Charges for Childbirth By Maternal Age Group, Arkansas, 2014

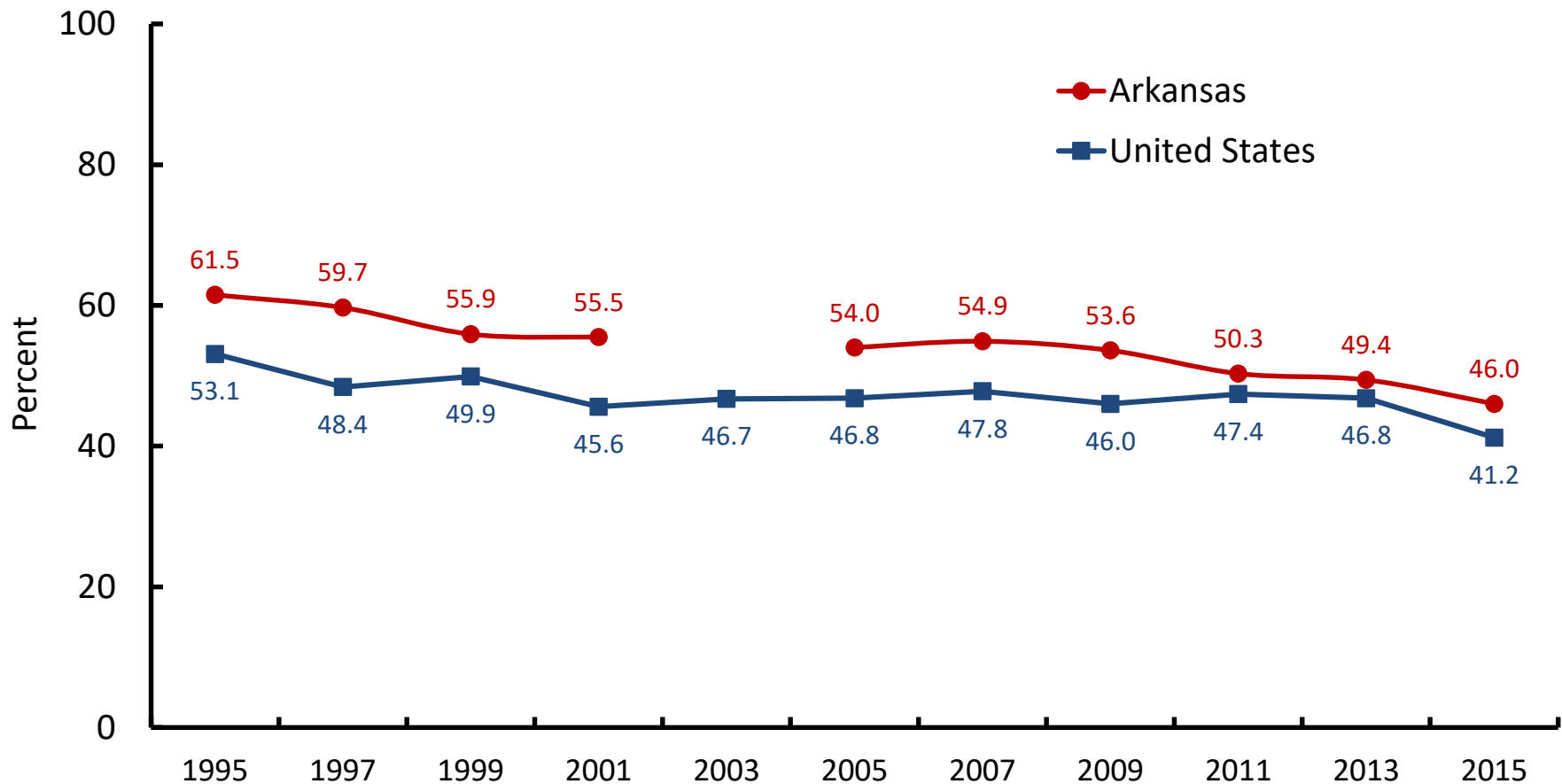


Notes: Diagnosis Related Group (DRG) codes for C-section delivery (765-766) and vaginal birth (767-768, 774-775) were used.
Source: Hospital Discharge Data System, Health Statistics Branch, Arkansas Department of Health



SEXUAL ACTIVITY AMONG TEENS

Percent of High School Students Who Ever Had Sexual Intercourse, Arkansas and United States, 1995-2015

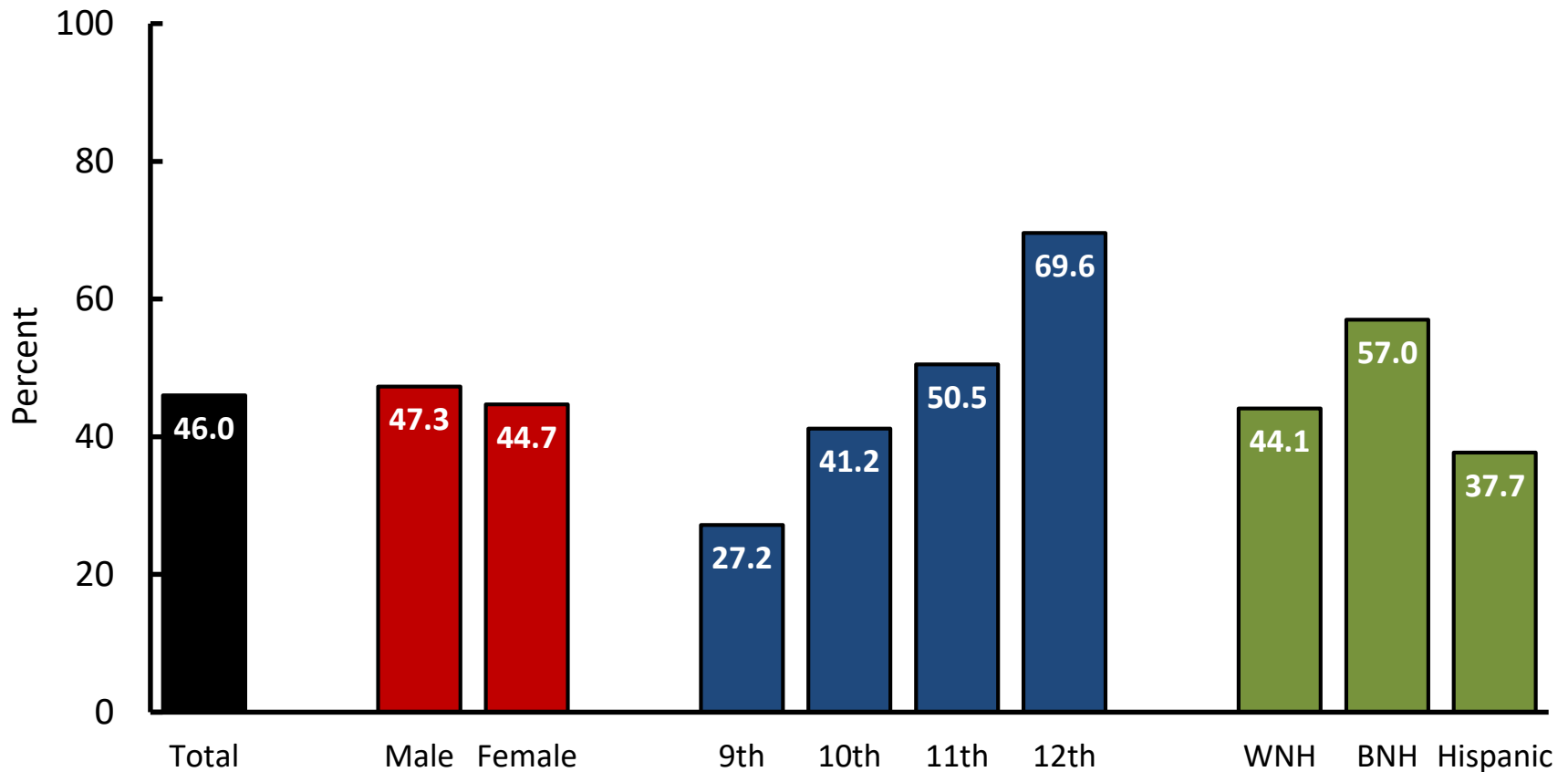


Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Ever Had Sexual Intercourse, by Sex, Grade, and Race/Ethnicity, Arkansas, 2015

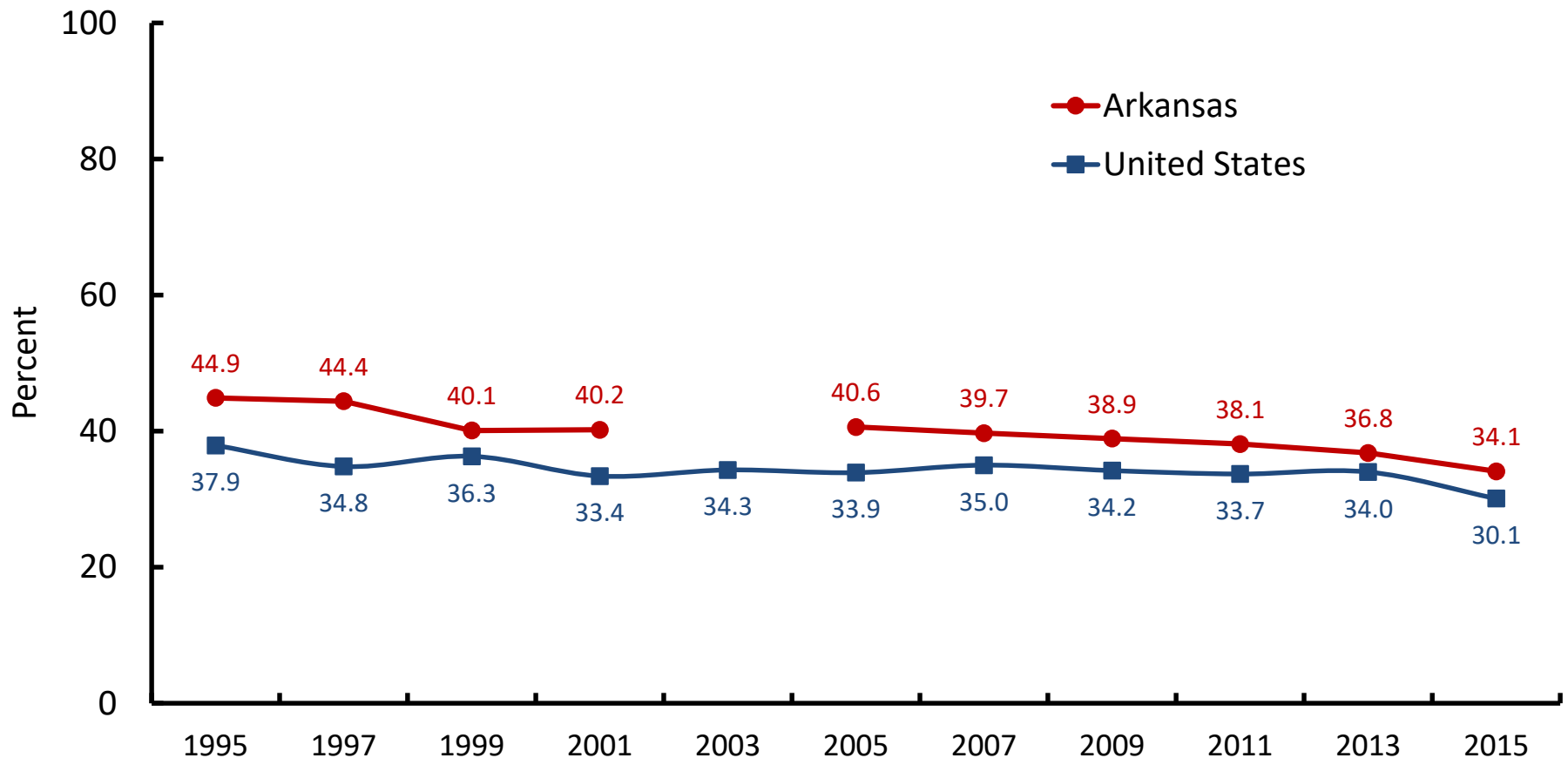


Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Were Currently Sexually Active,* Arkansas and United States, 1995-2015



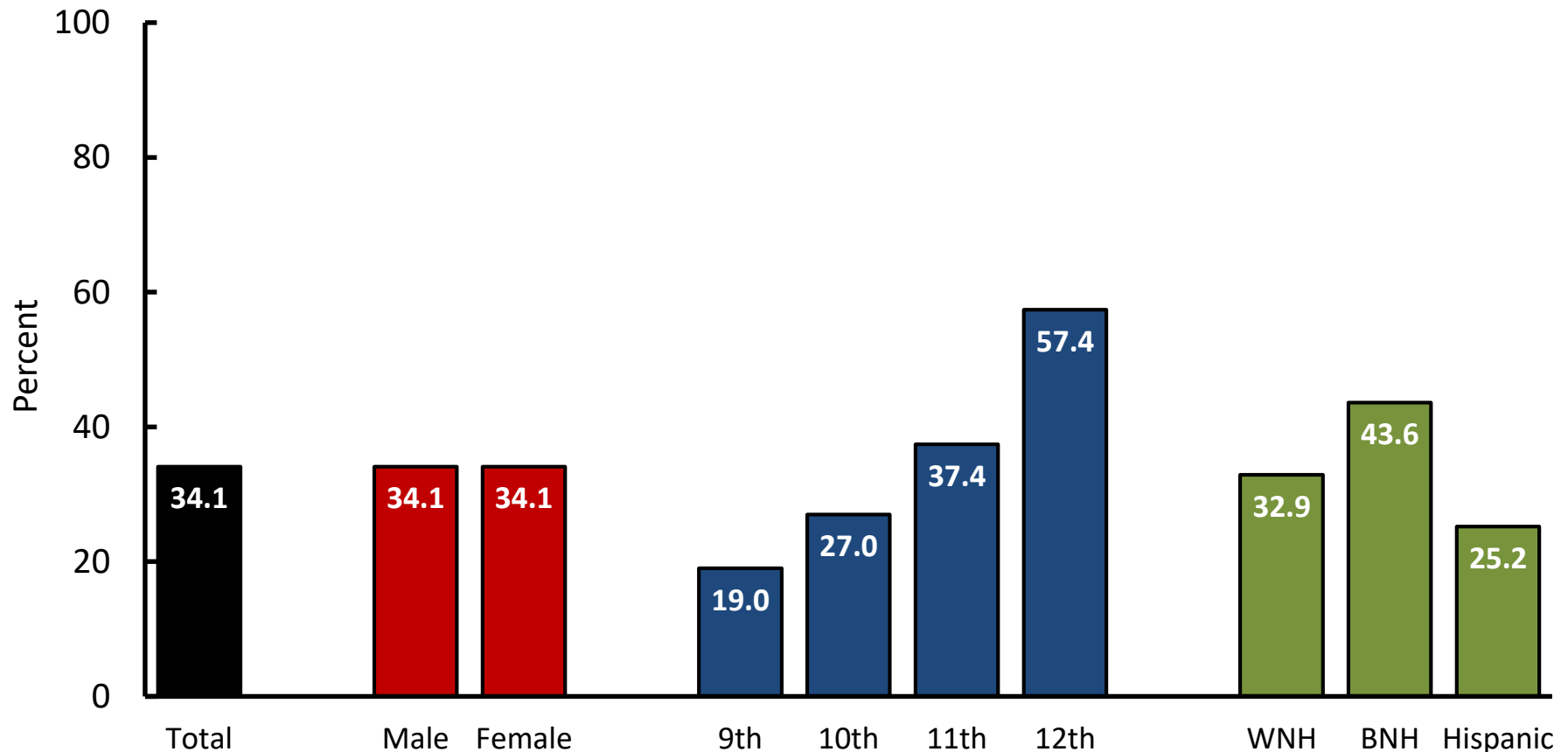
*Sexual intercourse with at least one person during the 3 months before the survey

Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Were Currently Sexually Active,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*Sexual intercourse with at least one person during the 3 months before the survey

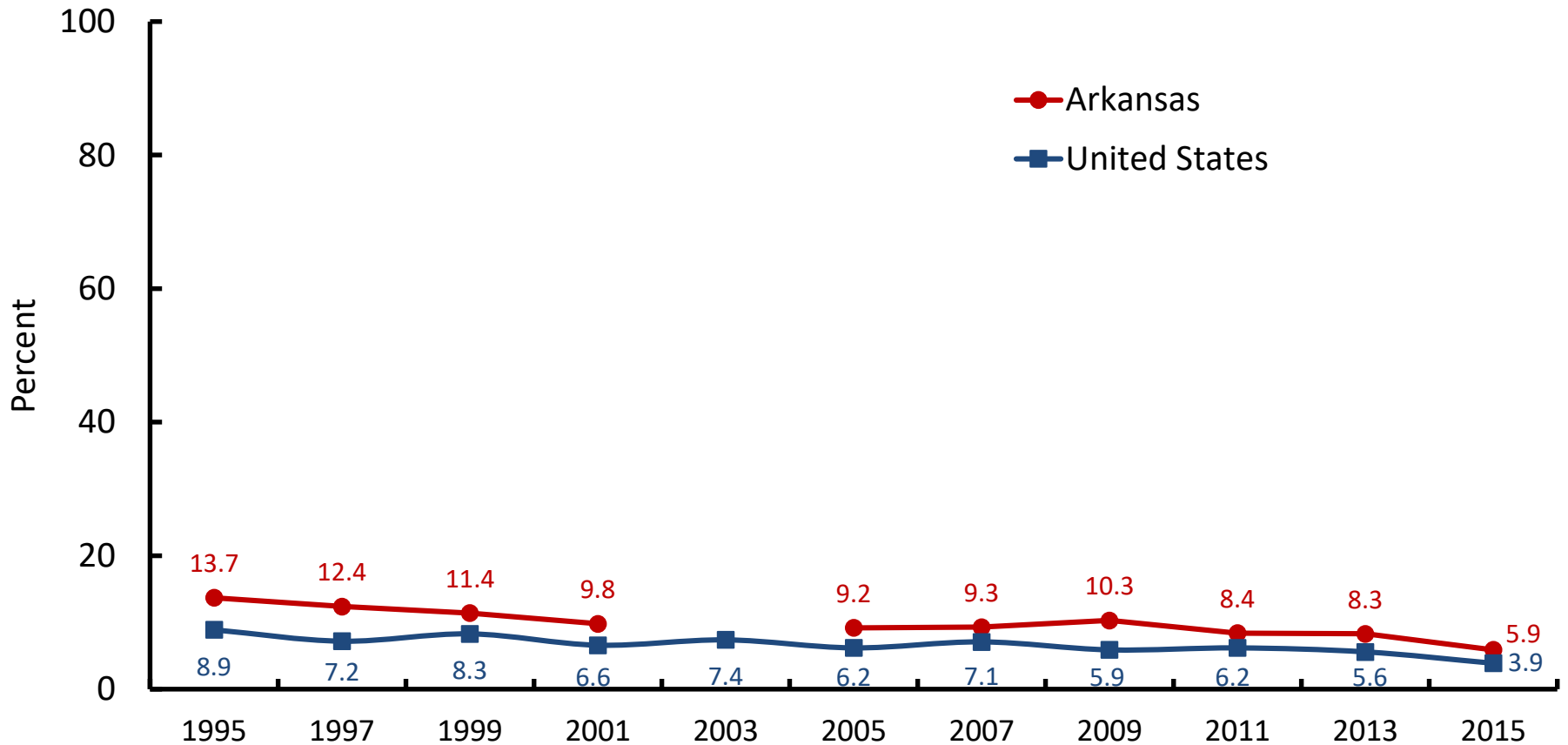
Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Had Sexual Intercourse Before Age 13 Years*

Arkansas and United States, 1995-2015



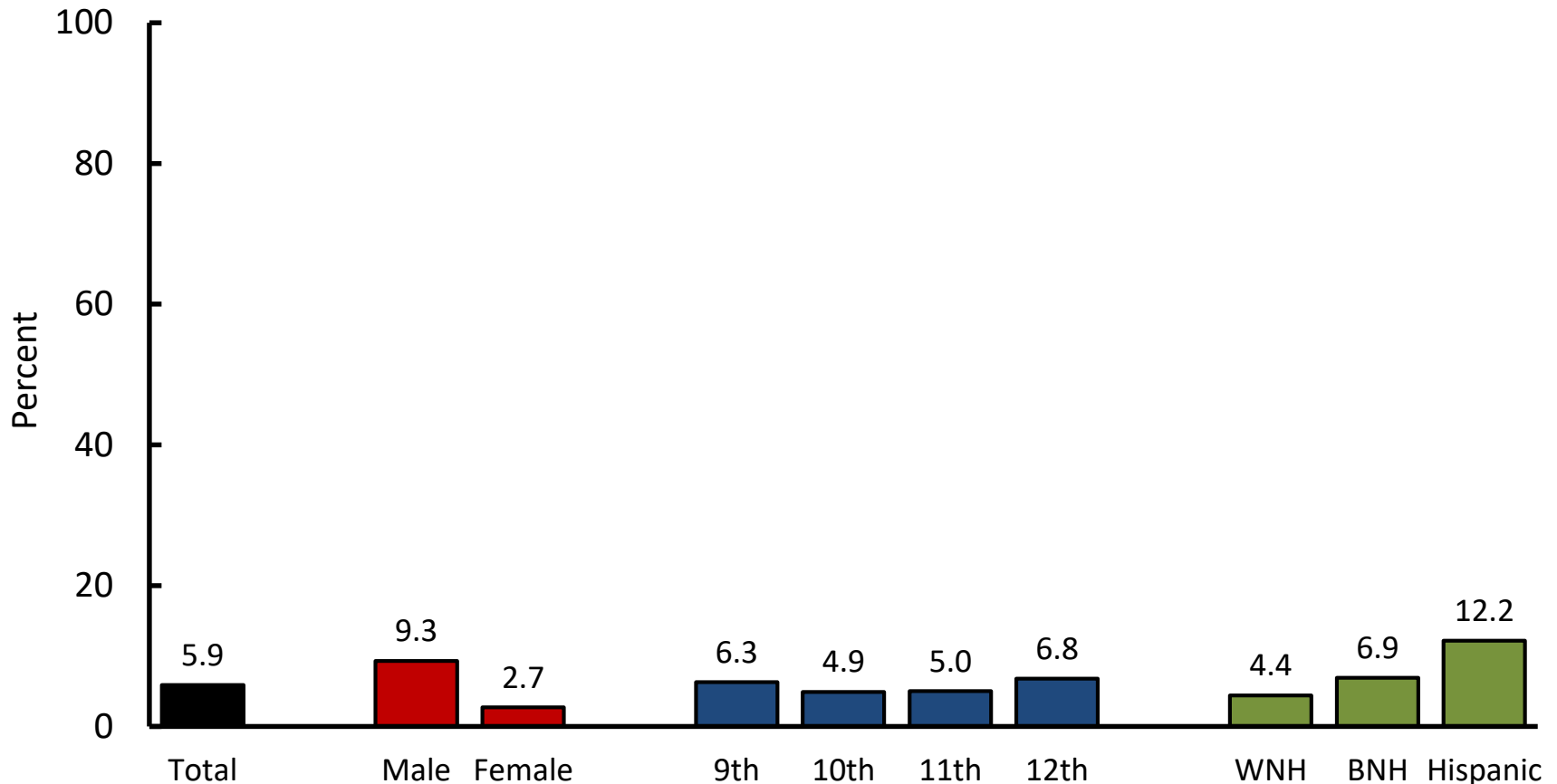
*Sexual intercourse before age 13 years for the first time

Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Had Sexual Intercourse Before Age 13 Years,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



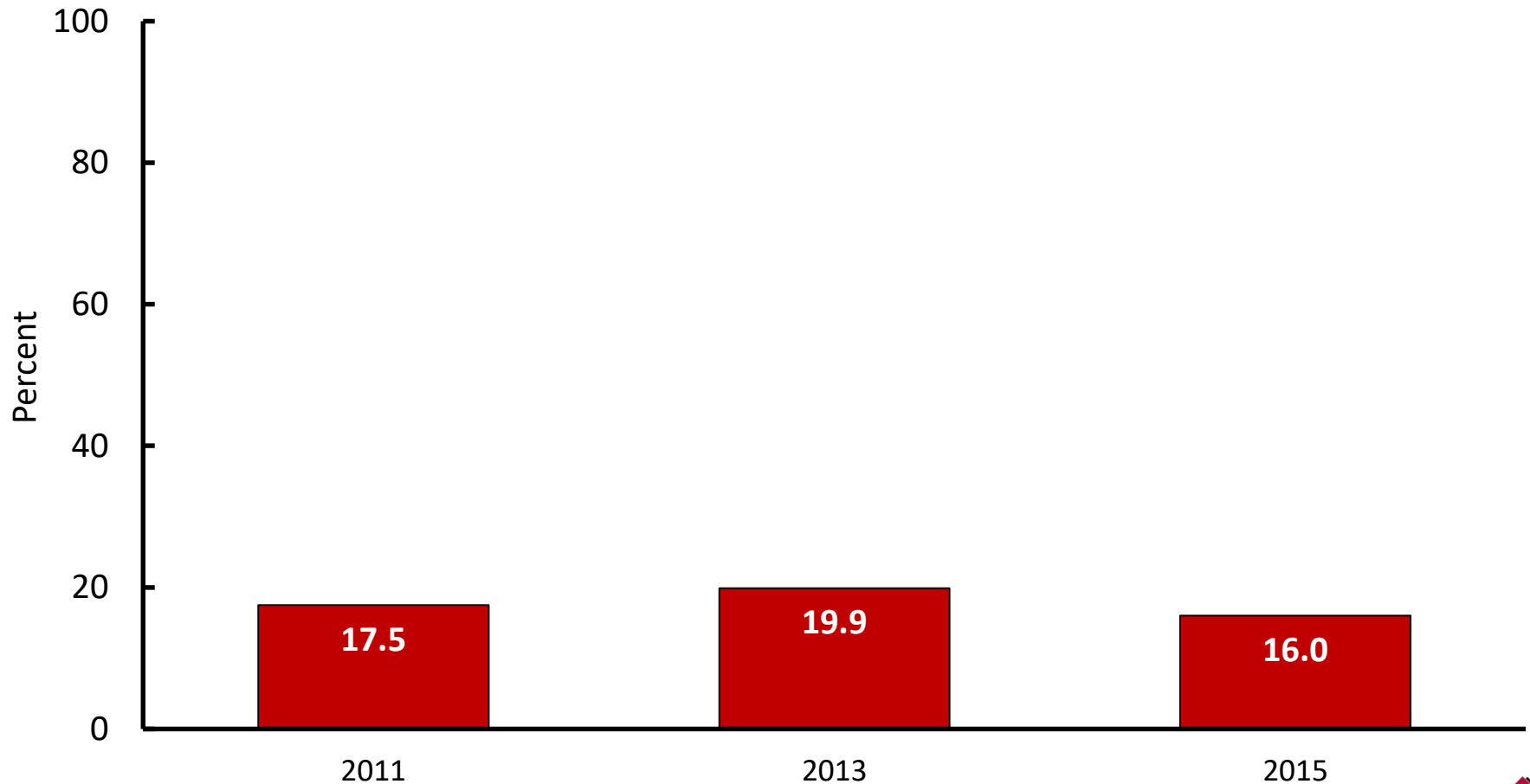
*Sexual intercourse before age 13 years for the first time

Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Reported Their Partners Were Three or More Years Older than Themselves the First Time They Had Sexual Intercourse,* Arkansas, 2011-2015

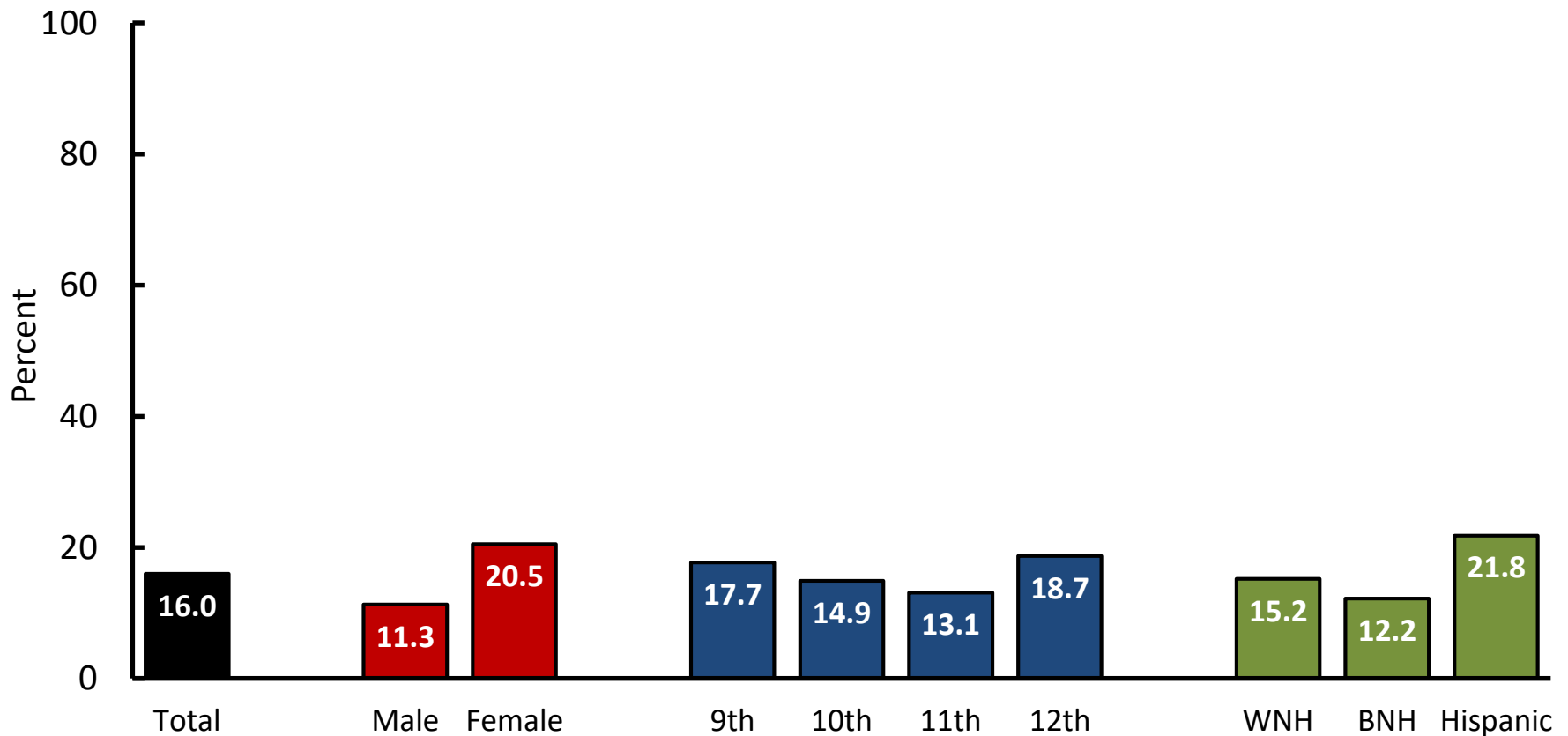


*Among students who have had sexual intercourse

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Reported Their Partners Were Three or More Years Older than Themselves the First Time They Had Sexual Intercourse,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



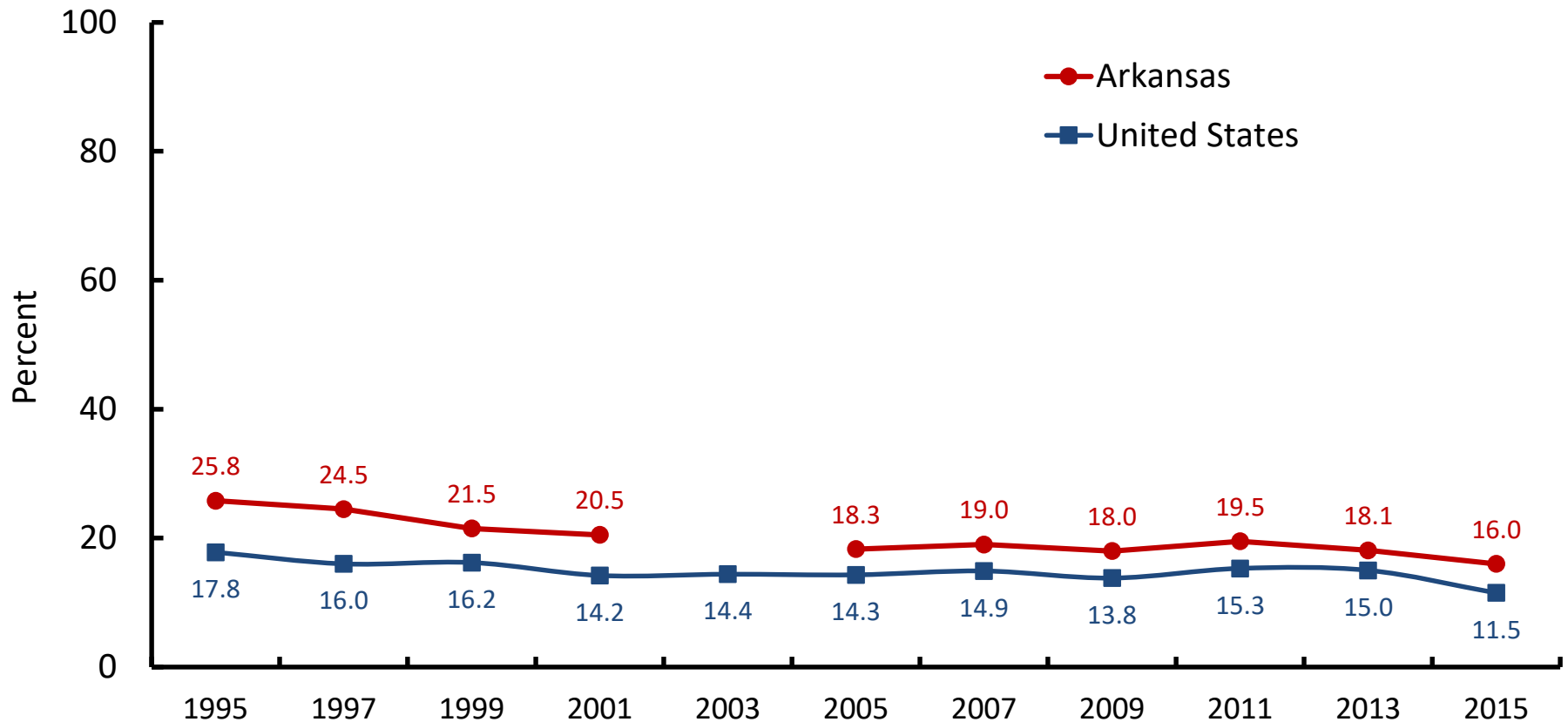
*Among students who have had sexual intercourse

Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Had Sexual Intercourse with Four or More Persons,* Arkansas and United States, 1995-2015



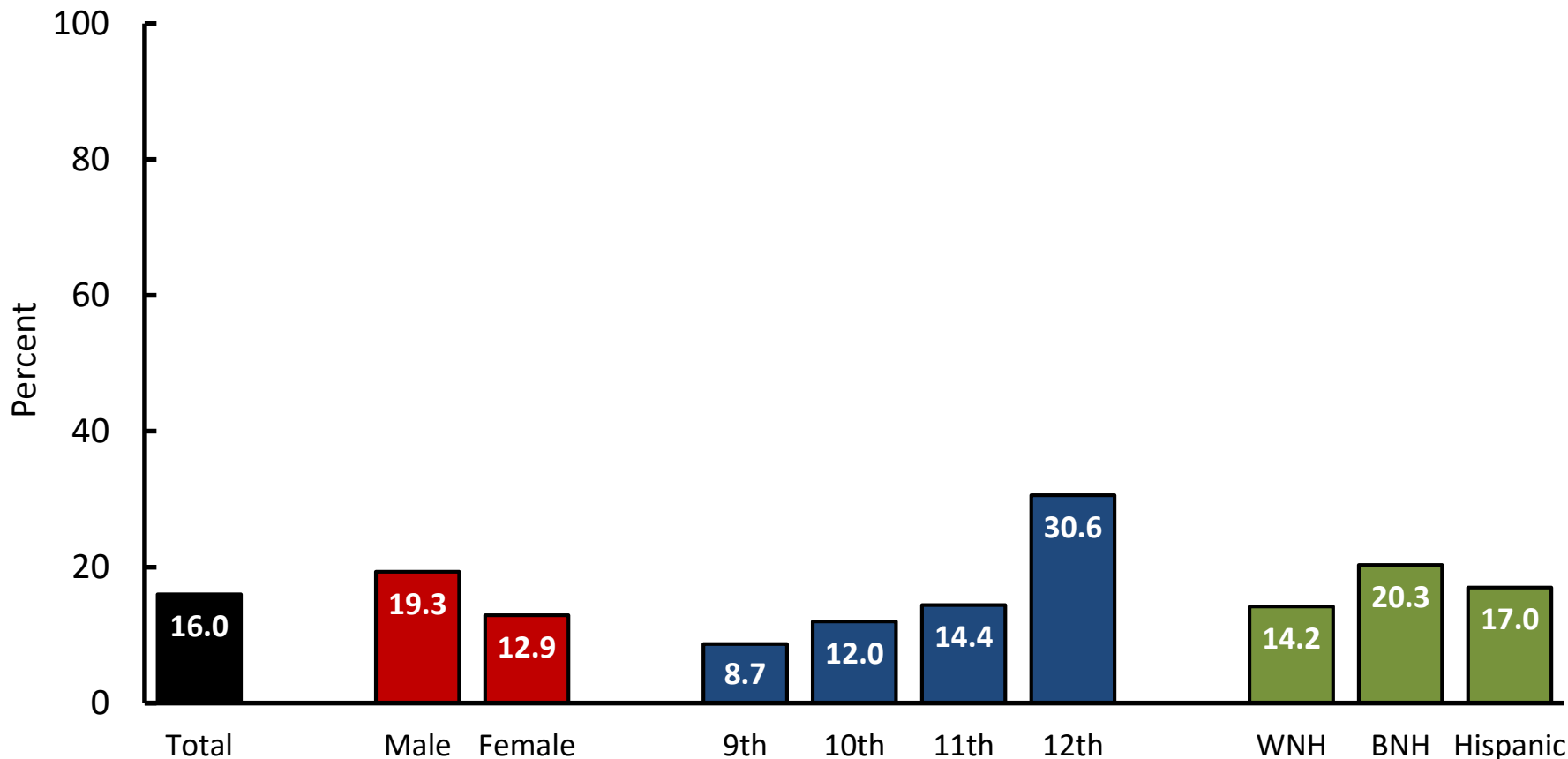
*During their life

Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Had Sexual Intercourse with Four or More Persons,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



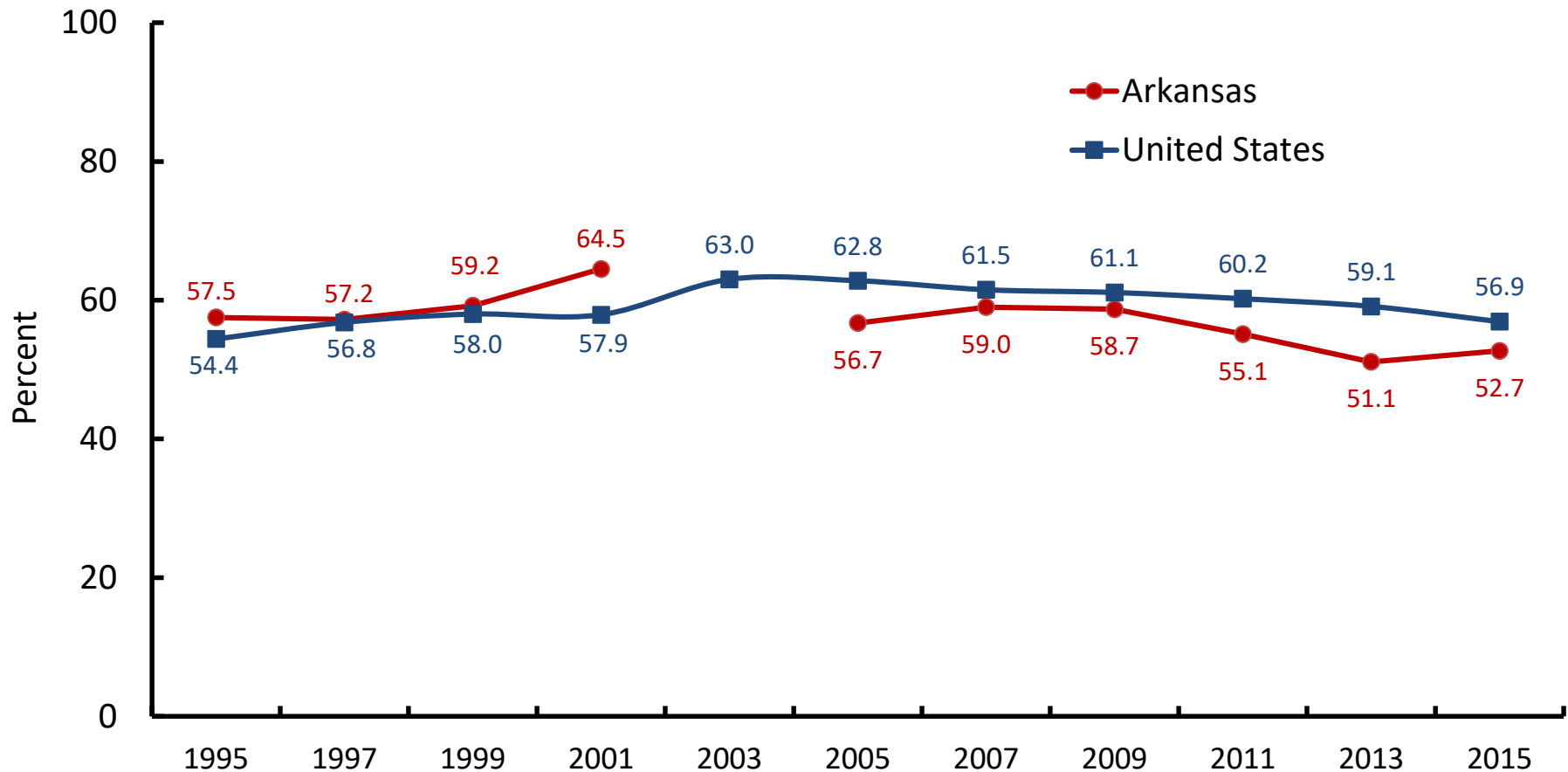
*During their life

Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Used a Condom,* Arkansas and United States, 1995-2015



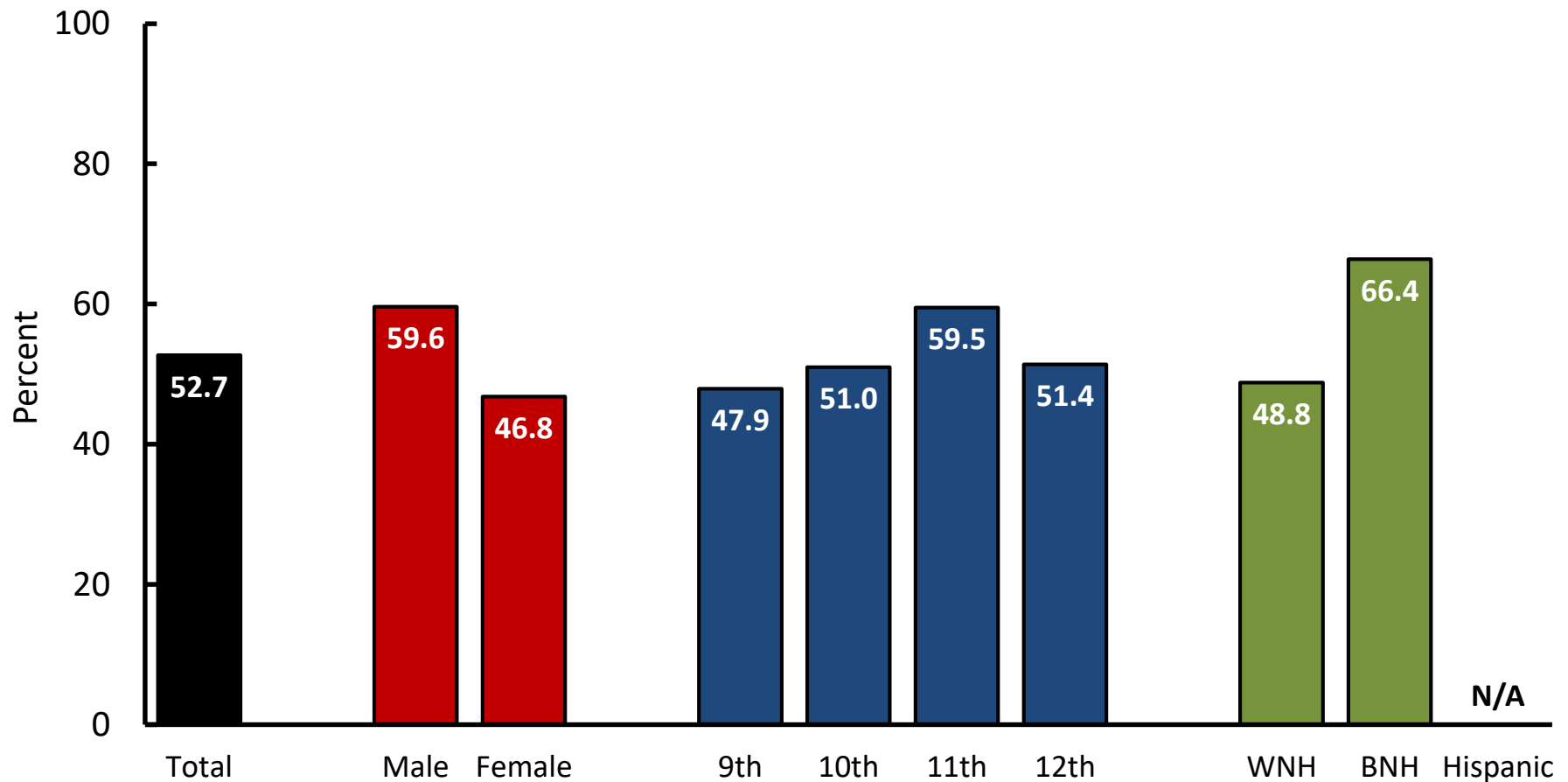
*Used by the student or partner during last sexual intercourse, among students who were currently sexually active

Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Used a Condom,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



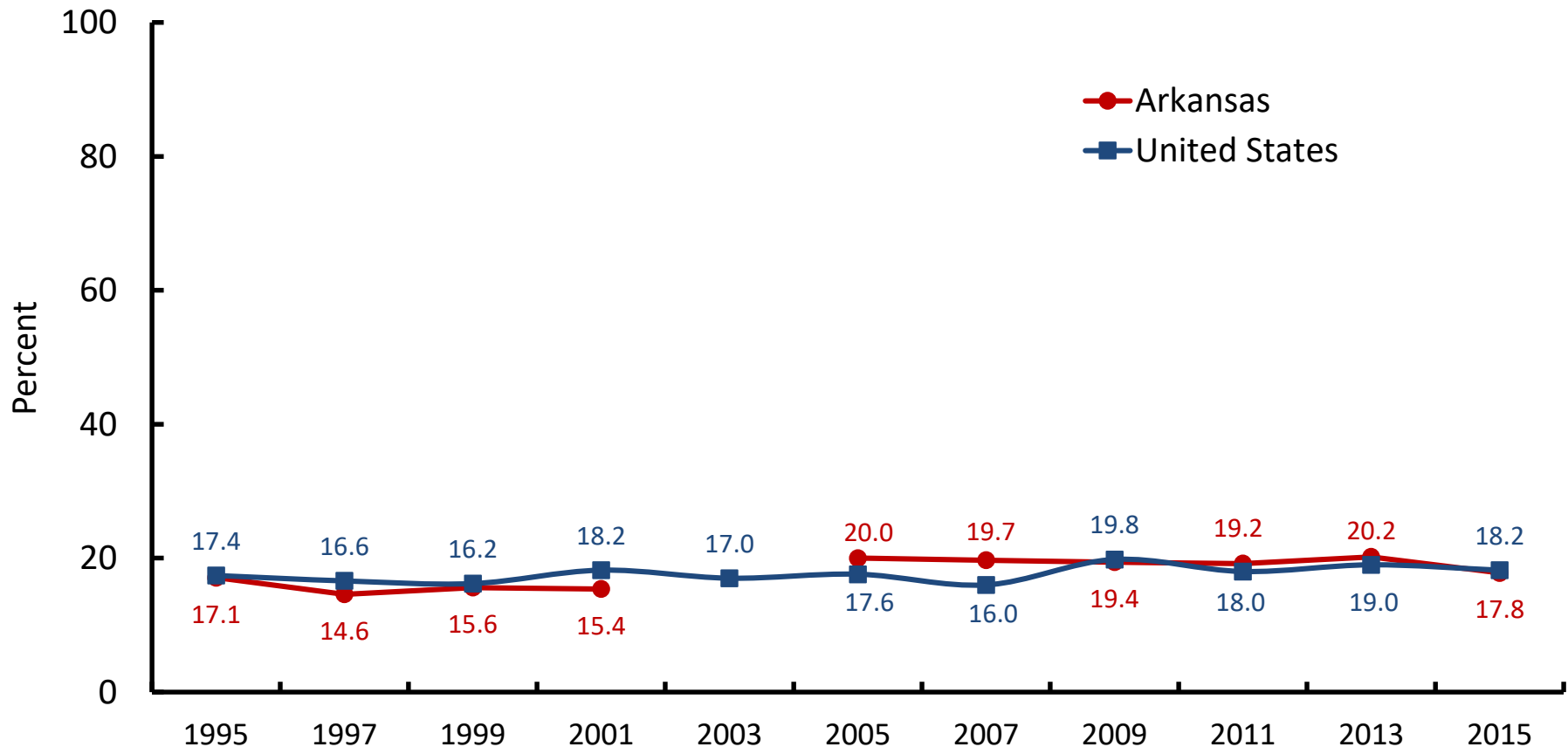
*Used by the student or partner during last sexual intercourse, among students who were currently sexually active

Notes: N/A = not available due to fewer than 100 students in this subgroup. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Used Birth Control Pills,* Arkansas and United States, 1995-2015



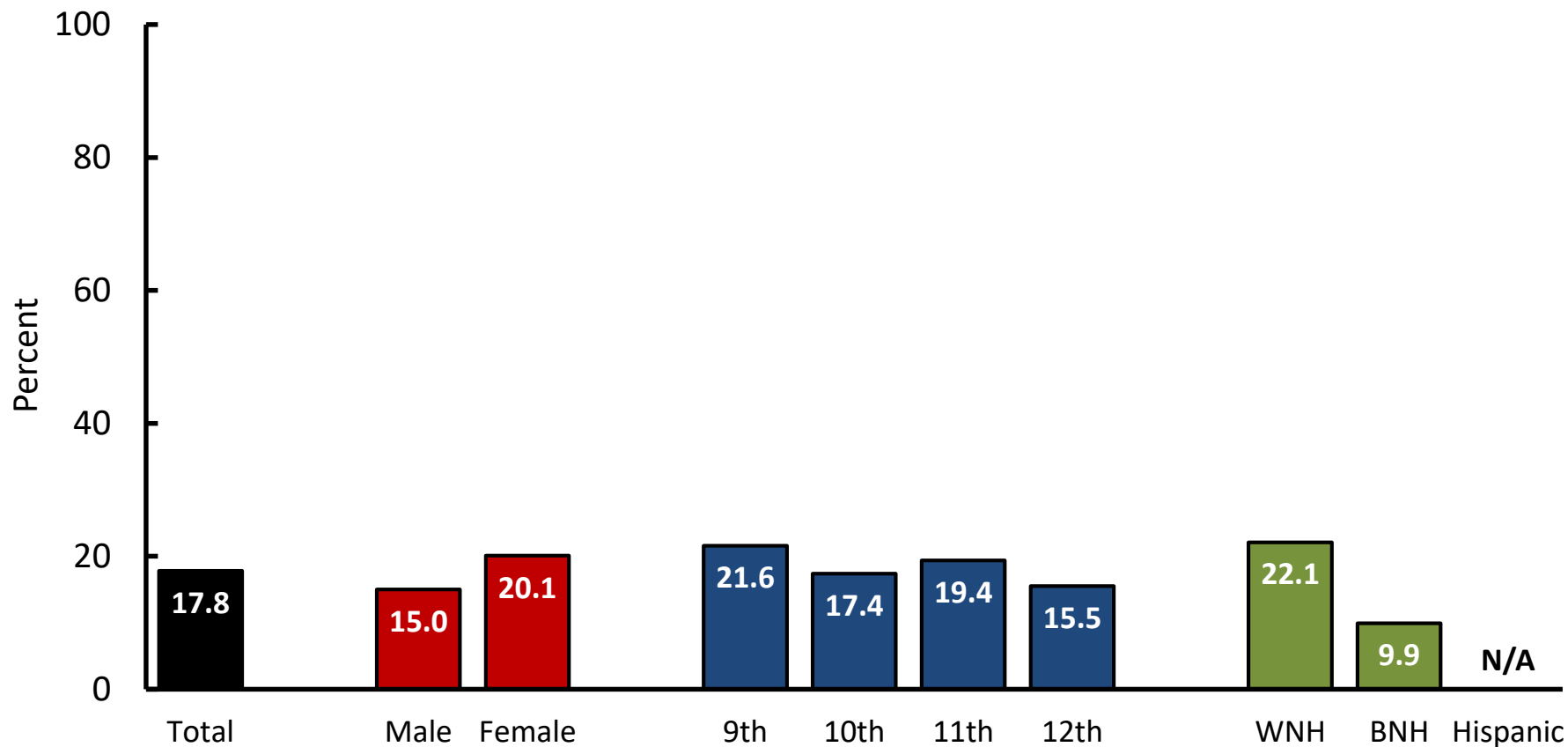
*Used by the student or partner before last sexual intercourse to prevent pregnancy, among students who were currently sexually active

Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



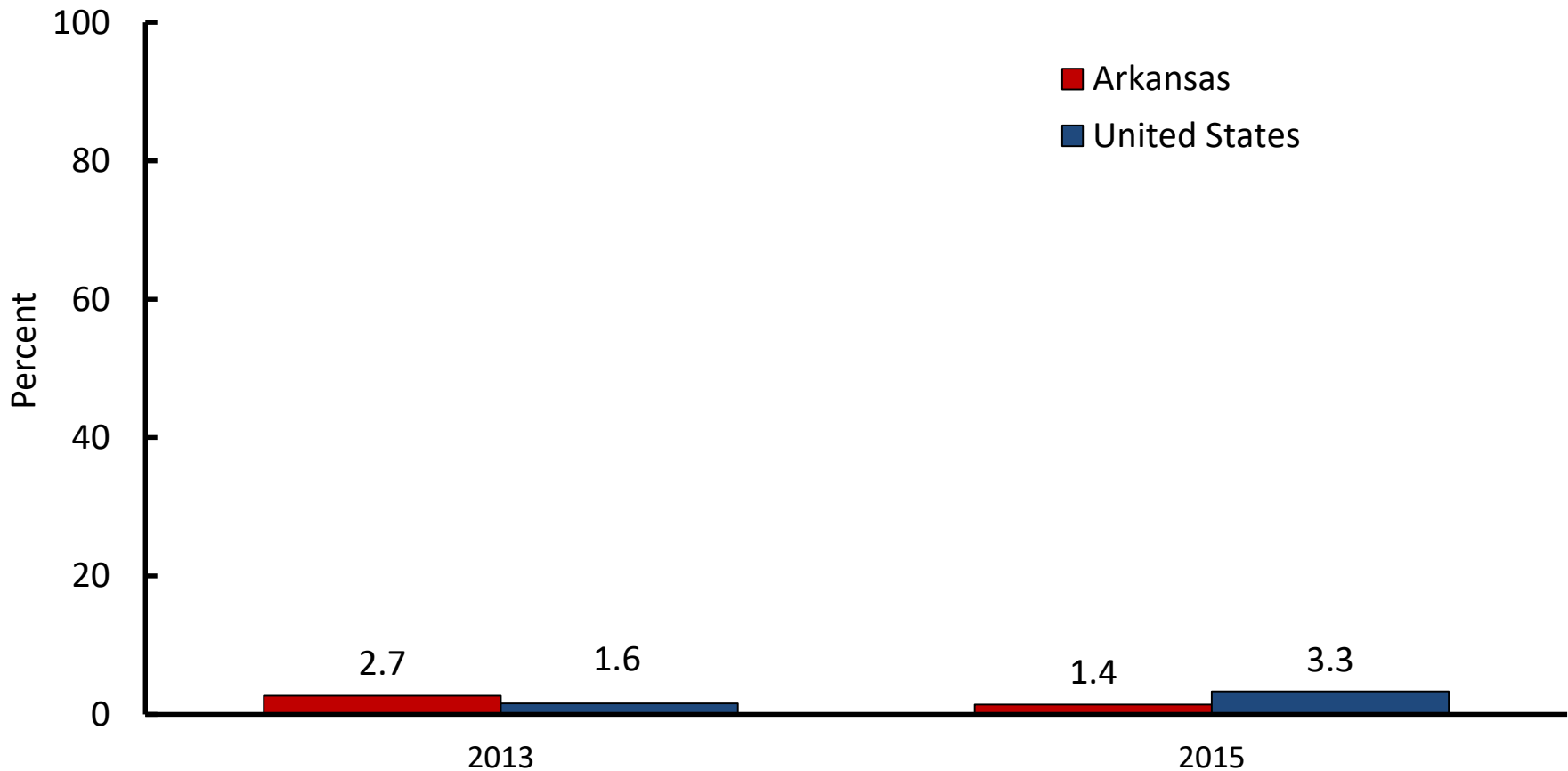
Percent of High School Students Who Used Birth Control Pills,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*Used by the student or partner before last sexual intercourse to prevent pregnancy, among students who were currently sexually active
 Notes: N/A = not available due to fewer than 100 students in this subgroup. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.
 Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Used an IUD or Implant,* Arkansas, 2013 and 2015



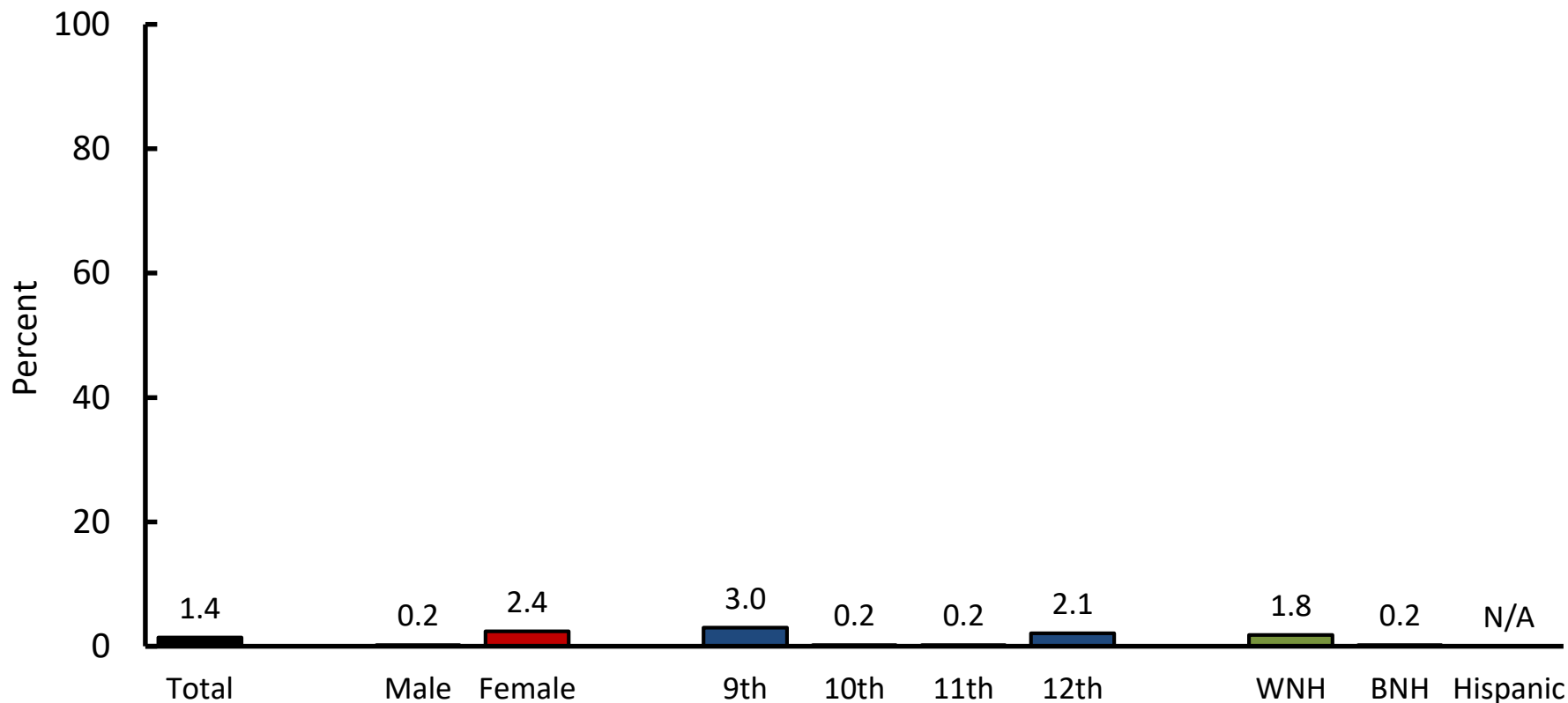
*Student or partner used an IUD (e.g., Mirena or Paragard) or implant (e.g., Implanon or Nexplanon) before last sexual intercourse to prevent pregnancy, among students who were currently sexually active

Note: IUD = Intrauterine Device.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Used an IUD or Implant,* By Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*Student or partner used an IUD (e.g., Mirena or Paragard) or implant (e.g., Implanon or Nexplanon) before last sexual intercourse to prevent pregnancy, among students who were currently sexually active

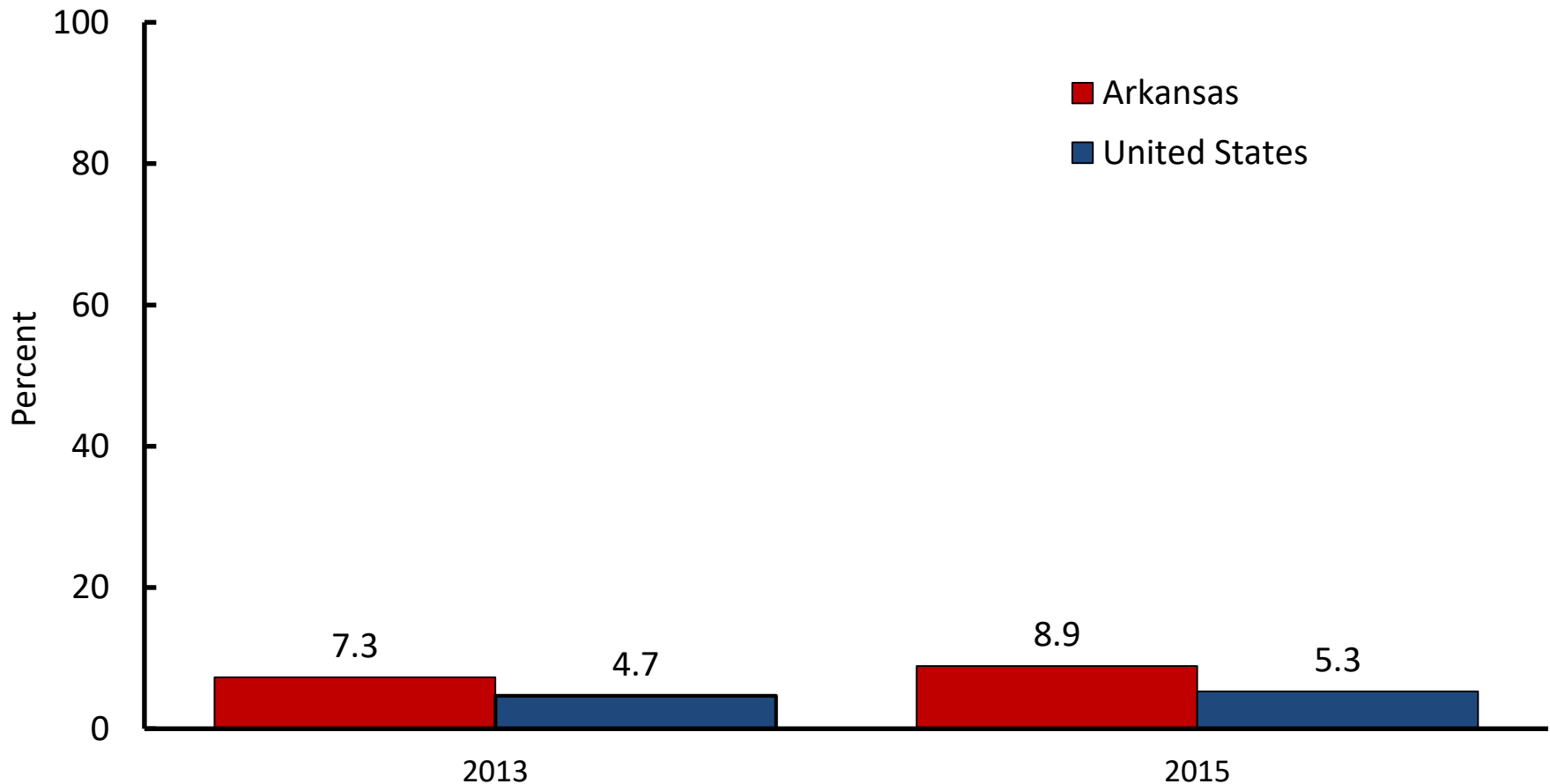
Notes: N/A = not available due to fewer than 100 students in this subgroup. IUD = Intrauterine Device. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Used a Shot, Patch, or Birth Control Ring*

Arkansas and United States, 2013 and 2015

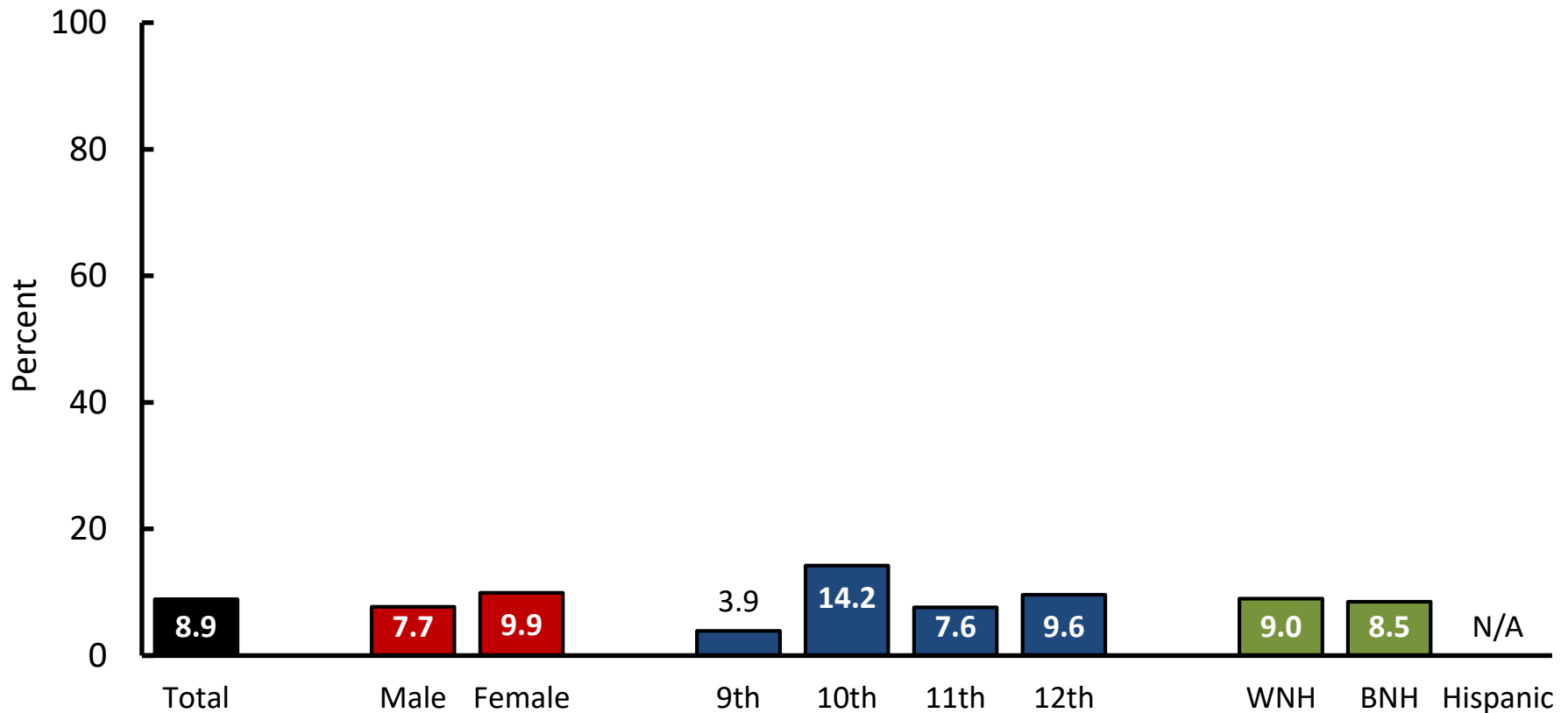


*Student or partner used a shot (e.g., Depo-Provera), patch (e.g., OrthoEvra), or birth control ring (e.g., NuvaRing) before last sexual intercourse, among students who were currently sexually active

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percentage of High School Students Who Used a Shot, Patch, or Birth Control Ring,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



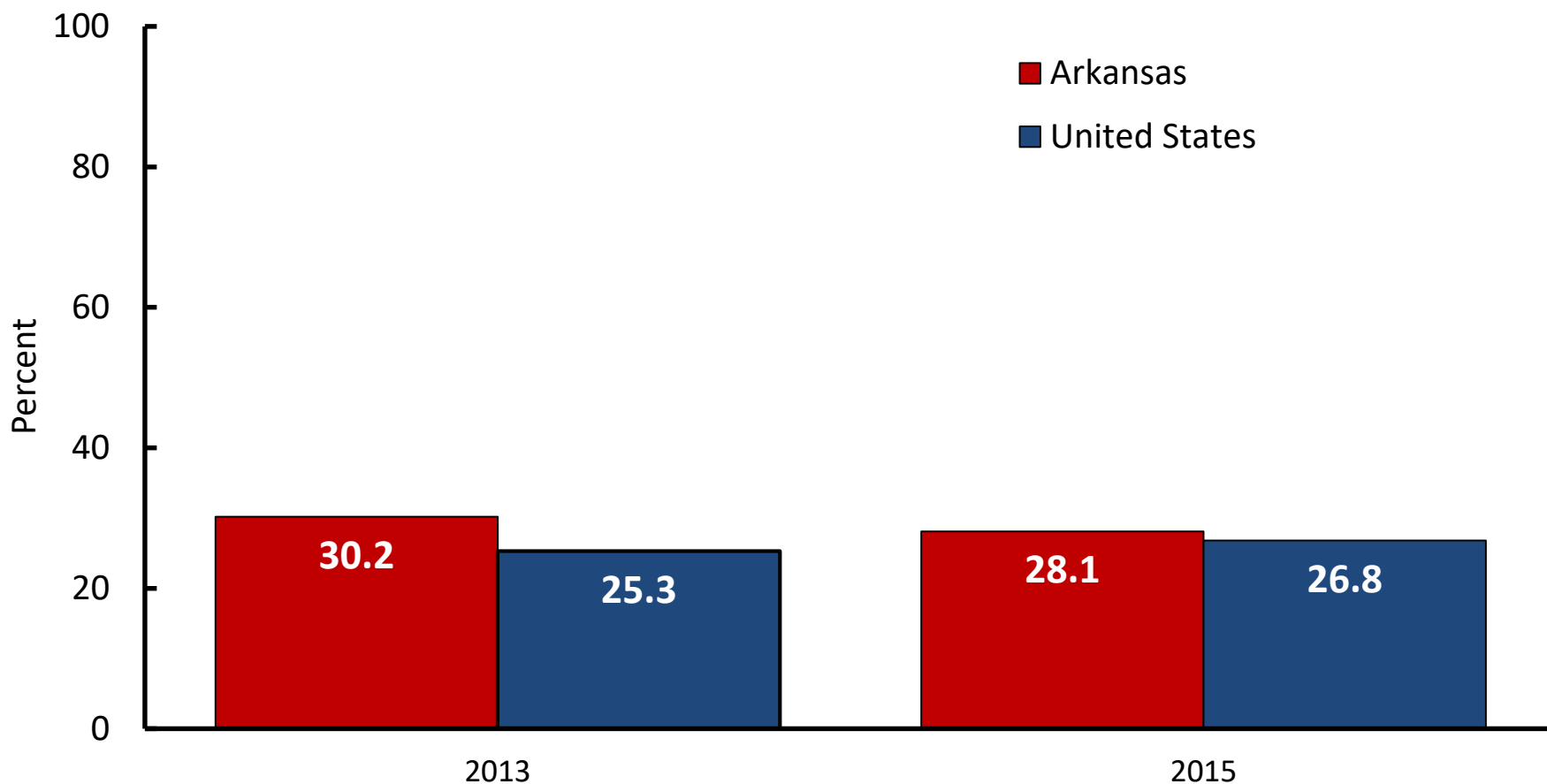
*Student or partner used a shot (e.g., Depo-Provera), patch (e.g., OrthoEvra), or birth control ring (e.g., NuvaRing) during last sexual intercourse, among students who were currently sexually active

Notes: N/A = not available due to fewer than 100 students in this subgroup. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



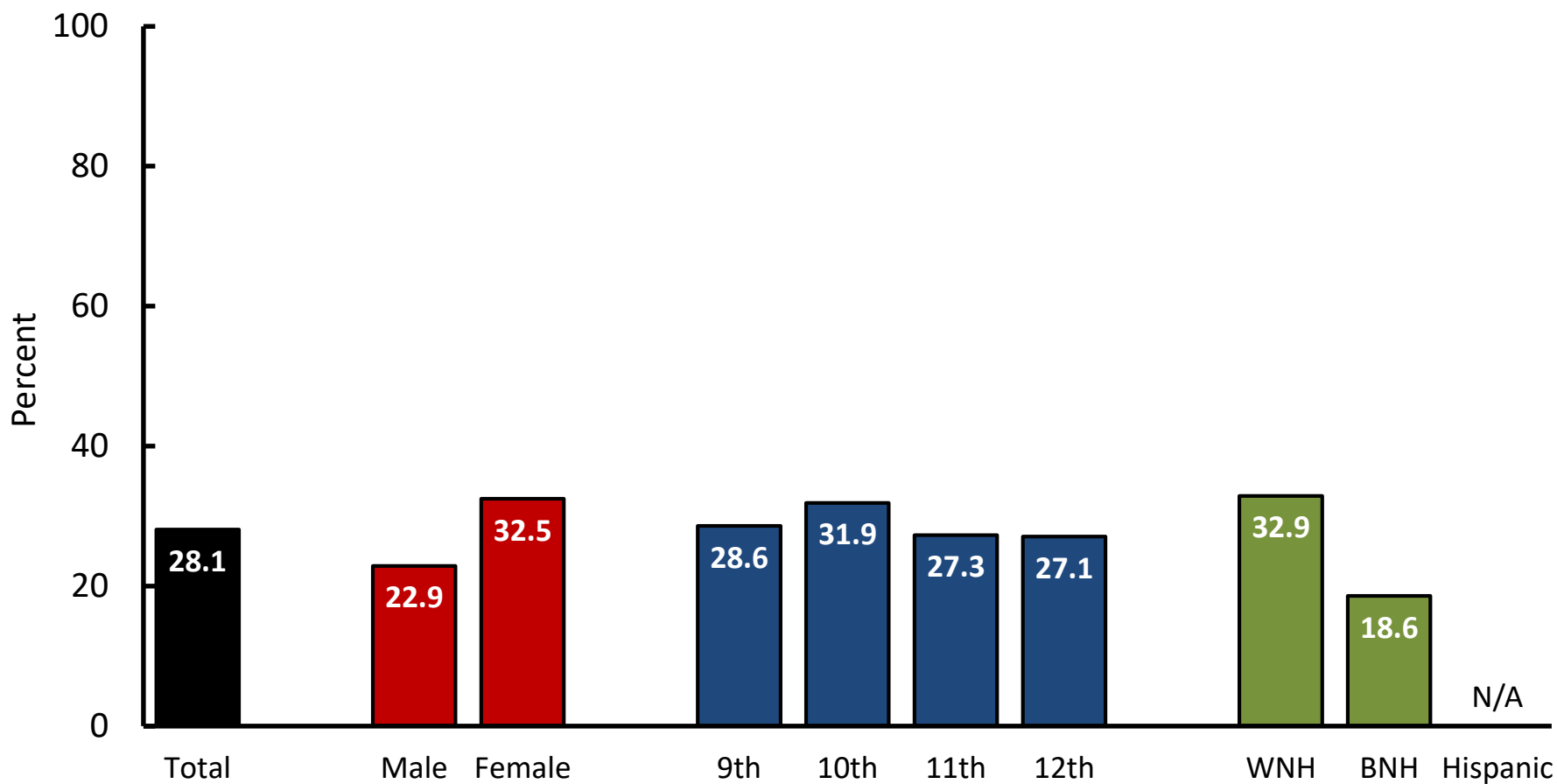
Percent of High School Students Who Used Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring,* Arkansas and United States, 2013 and 2015



*Used by the student or partner before last sexual intercourse to prevent pregnancy, among students who were currently sexually active
Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



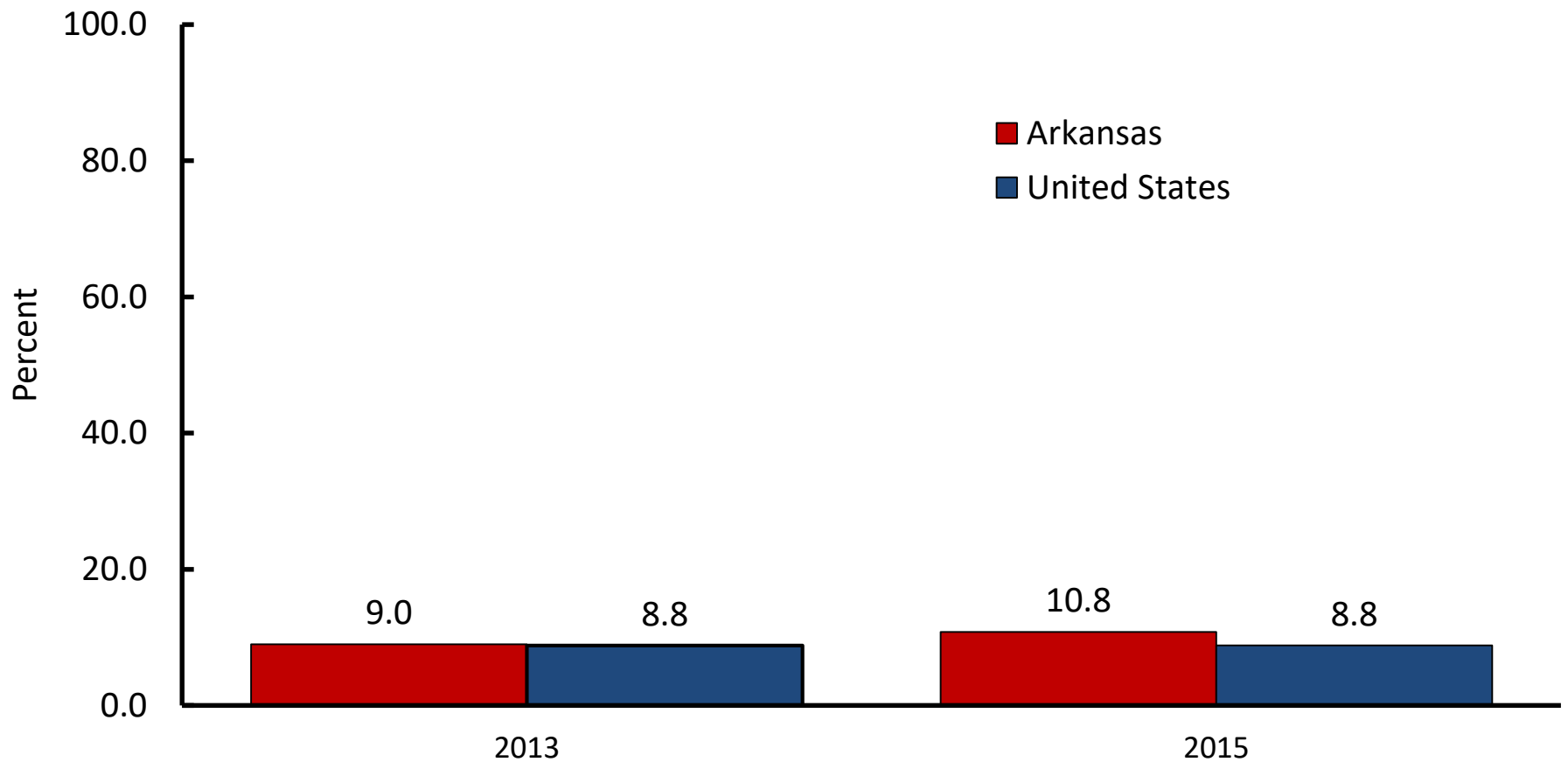
Percent of High School Students Who Used Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*Used by the student or partner before last sexual intercourse to prevent pregnancy, among students who were currently sexually active
 Notes: N/A = not available due to fewer than 100 students in this subgroup. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.
 Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Used Both a Condom During Last Sexual Intercourse AND Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring Before Last Sexual Intercourse,* Arkansas and United States, 2013 and 2015



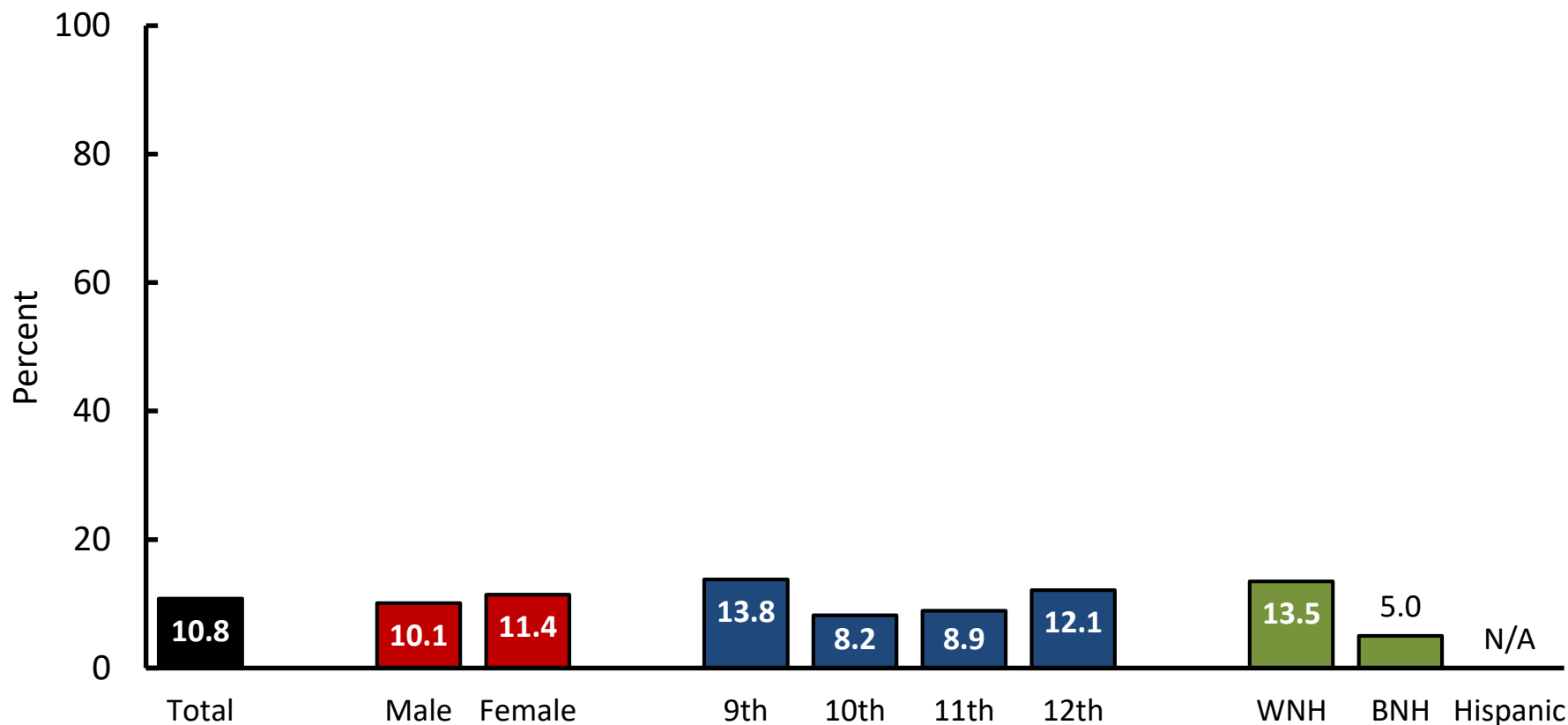
*Used by the student or partner to prevent STD and pregnancy, among students who were currently sexually active

Note: IUD = Intrauterine Device.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Used Both a Condom During Last Sexual Intercourse AND Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring Before Last Sexual Intercourse,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*Used by the student or partner to prevent STD and pregnancy, among students who were currently sexually active

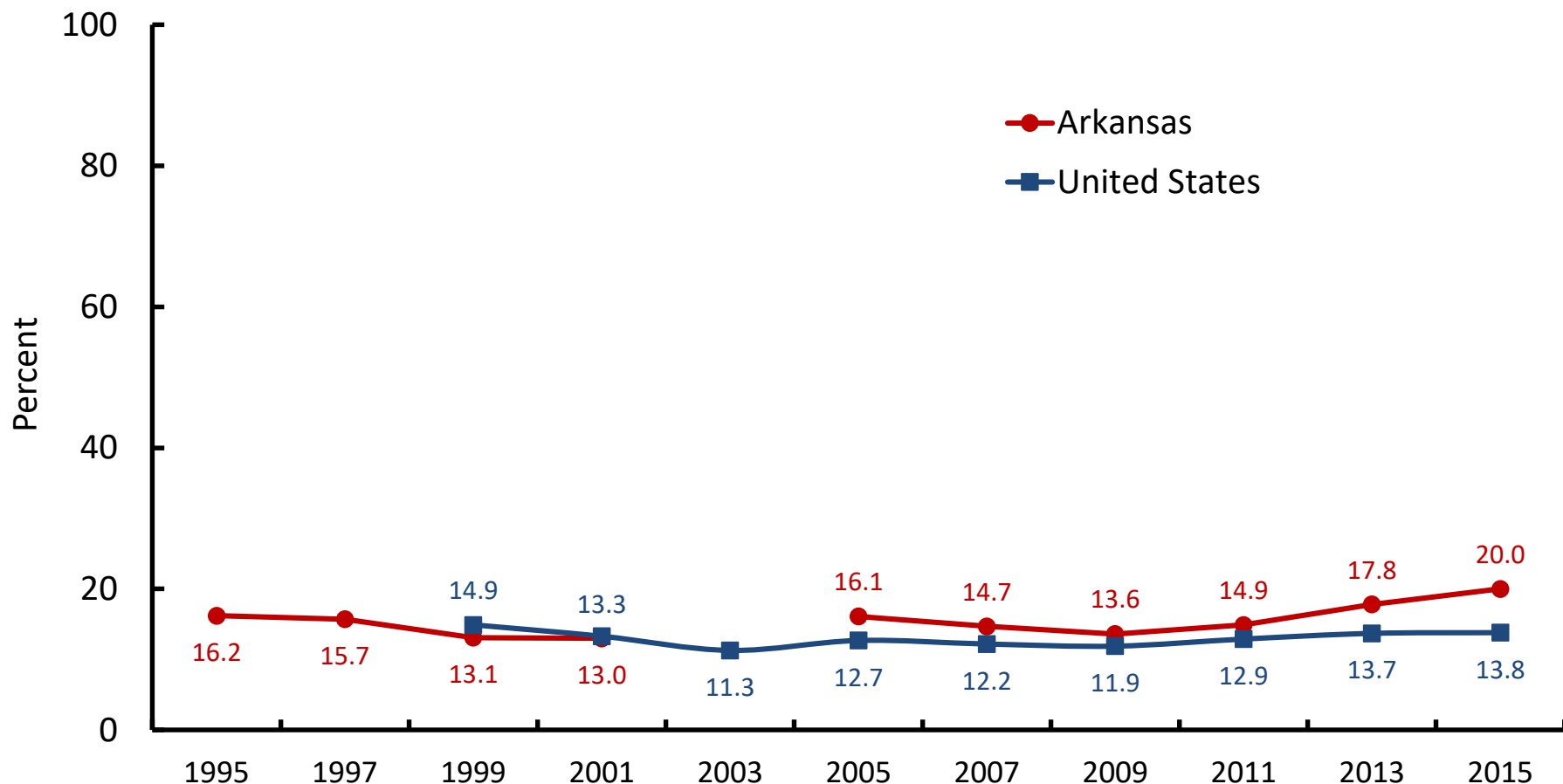
Notes: N/A = not available due to fewer than 100 students in this subgroup. IUD = Intrauterine Device. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Did Not Use Any Method to Prevent Pregnancy*

Arkansas and United States, 1995-2015



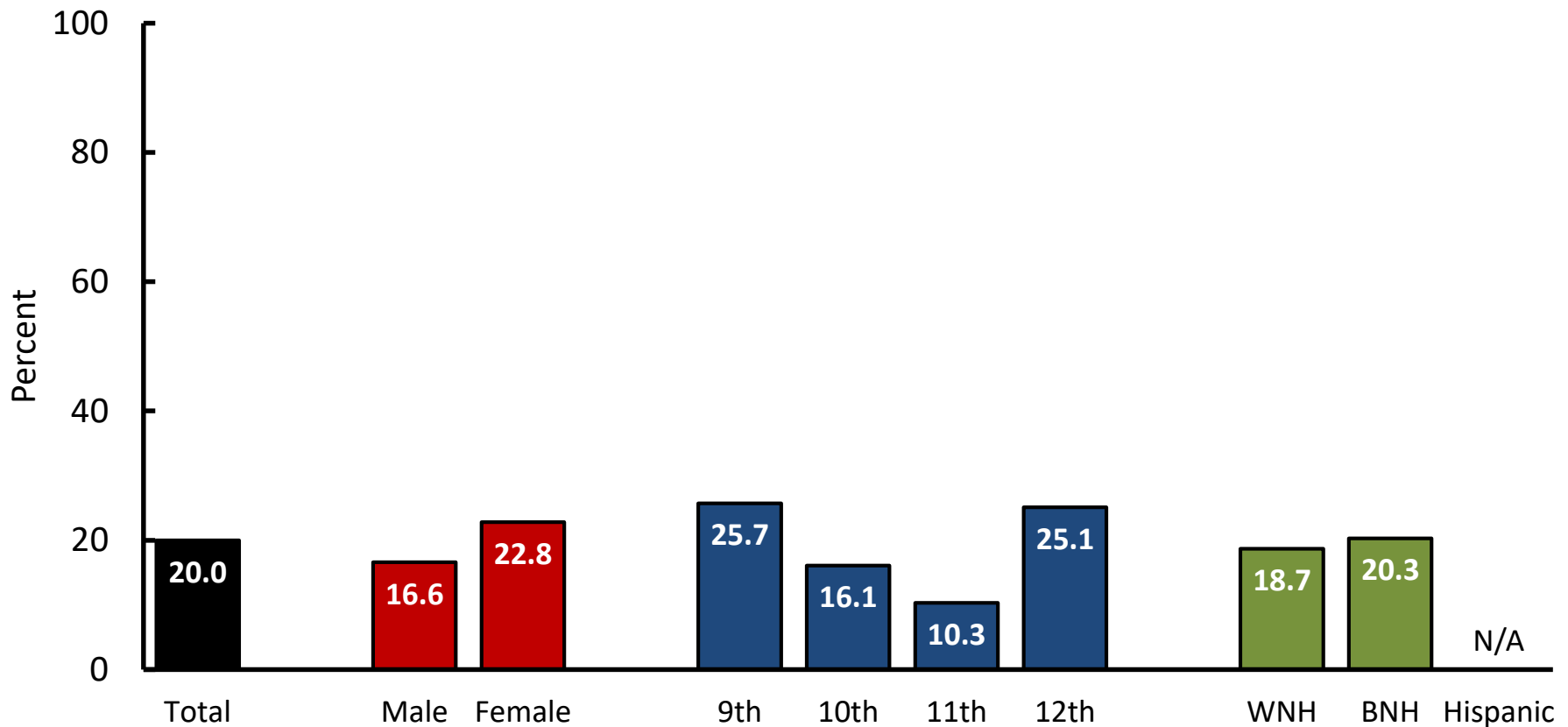
*During last sexual intercourse, among students who were currently sexually active

Note: Arkansas data not available for 2003. U.S. data not available for 1995 and 1997.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Did Not Use Any Method to Prevent Pregnancy,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



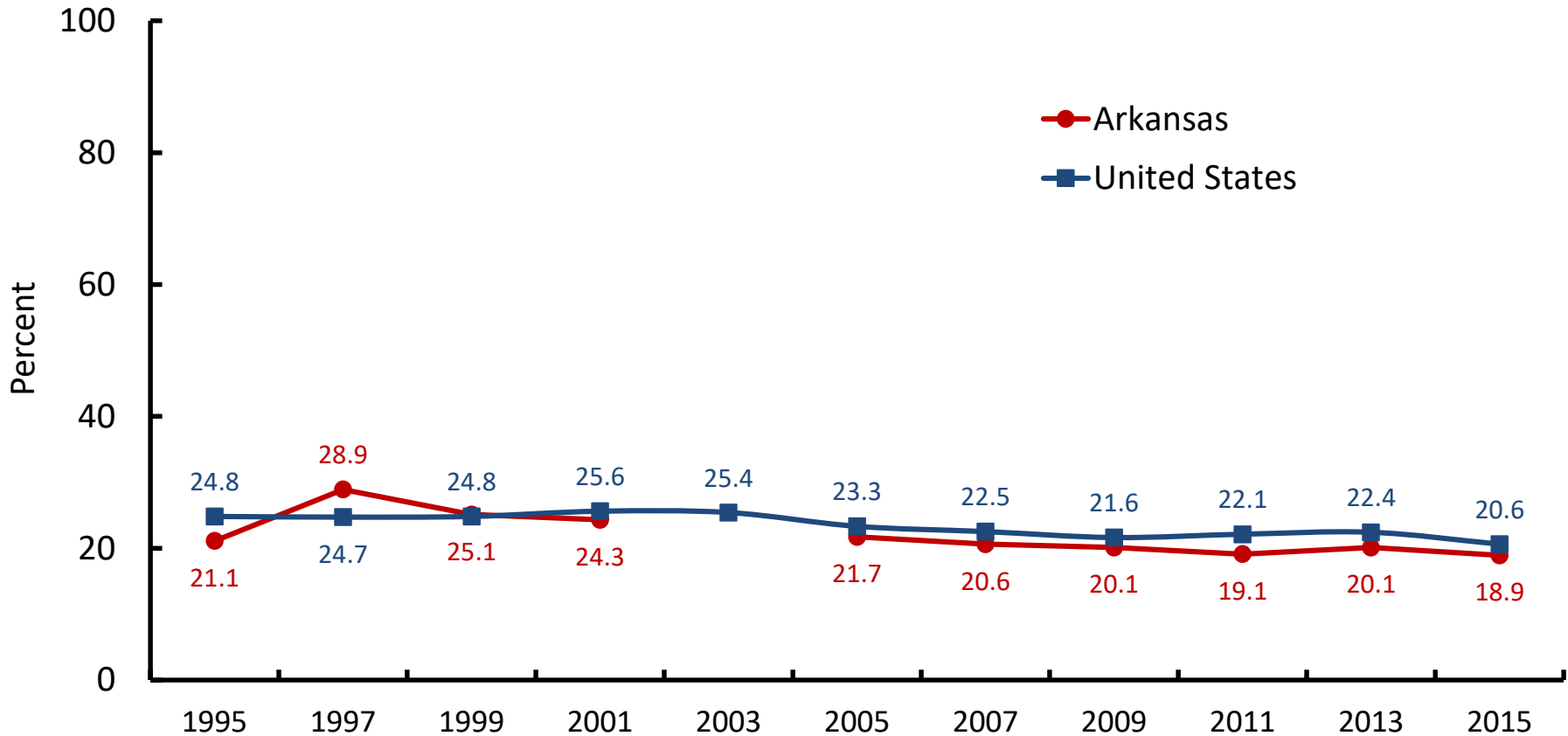
*During last sexual intercourse, among students who were currently sexually active

Notes: N/A = not available due to fewer than 100 students in this subgroup. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Drank Alcohol or Used Drugs Before Last Sexual Intercourse,* Arkansas and United States, 1995-2015



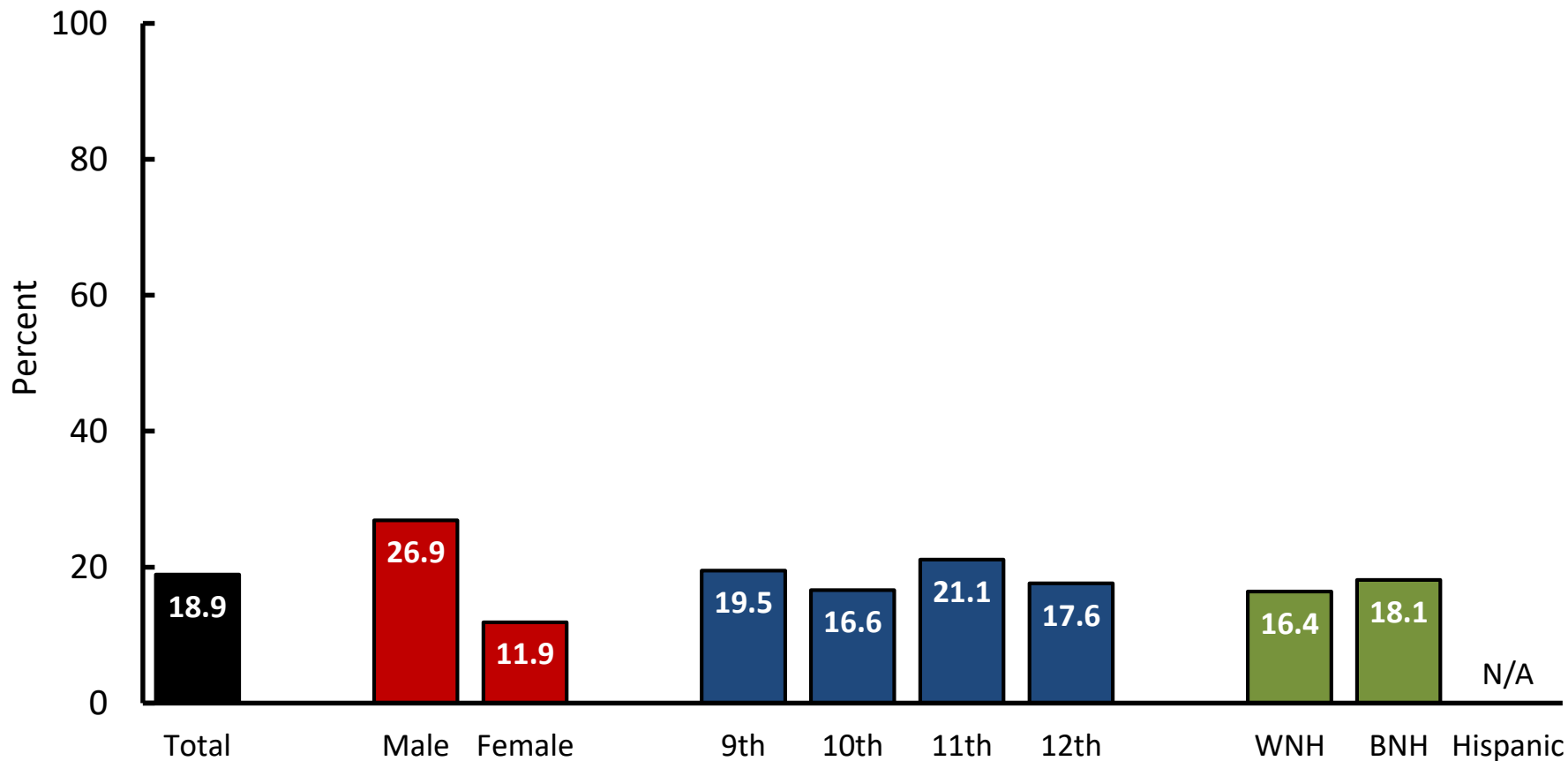
*Among students who were currently sexually active

Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Drank Alcohol or Used Drugs Before Last Sexual Intercourse,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



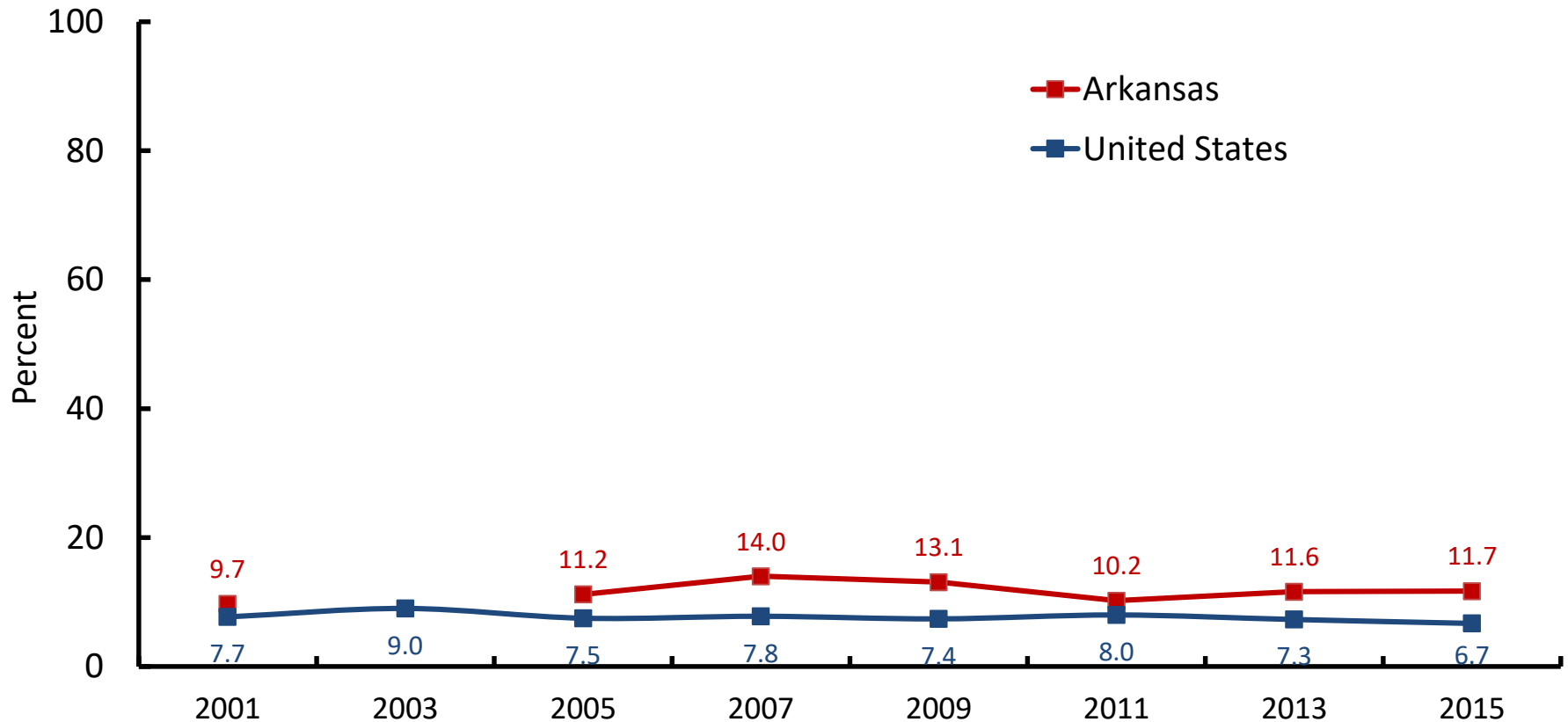
*Among students who were currently sexually active

Notes: N/A = not available due to fewer than 100 students in this subgroup. WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Were Ever Physically Forced to Have Sexual Intercourse* Arkansas and United States, 2001-2015



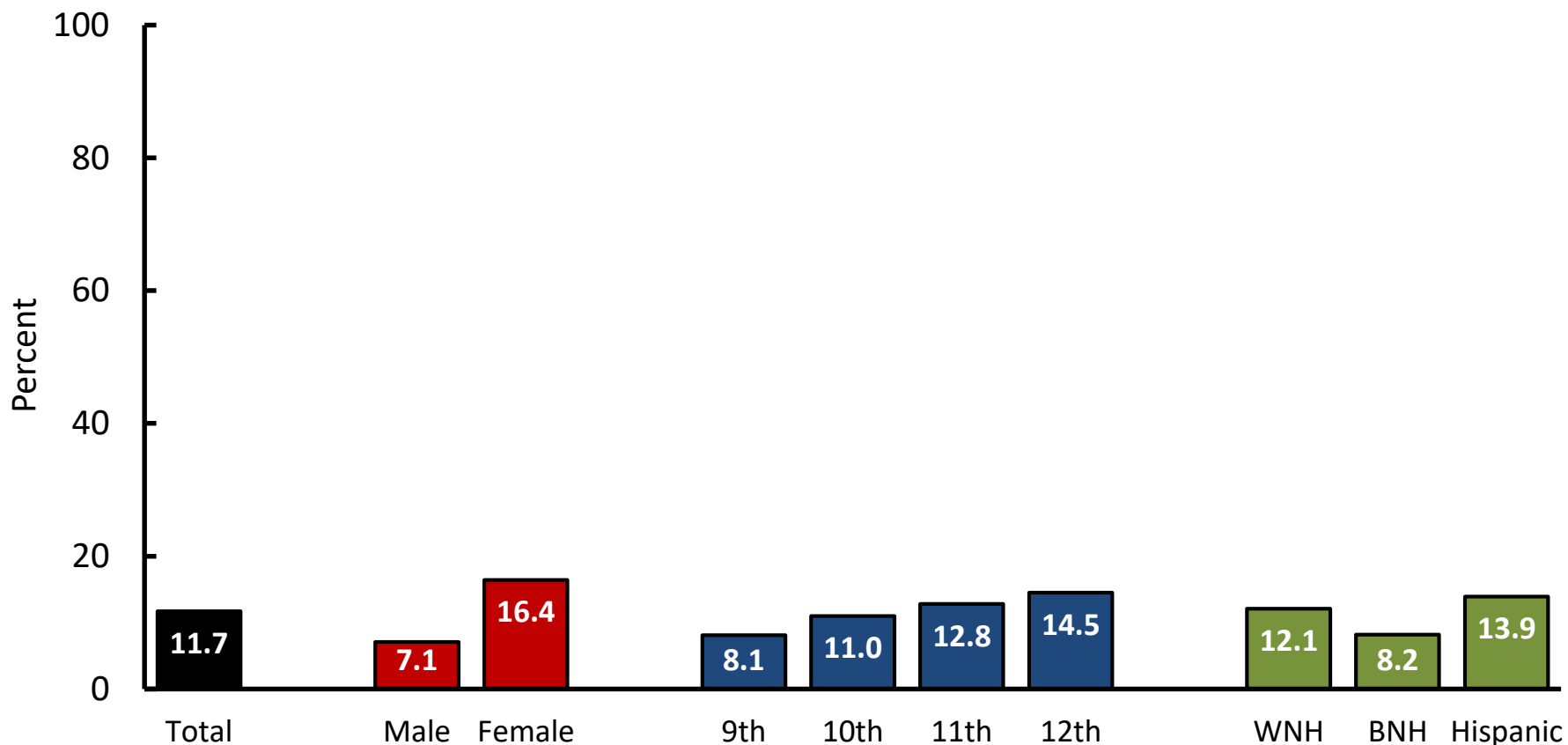
*When they did not want to

Note: Arkansas data not available for 2003.

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Were Ever Physically Forced to Have Sexual Intercourse,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*When they did not want to

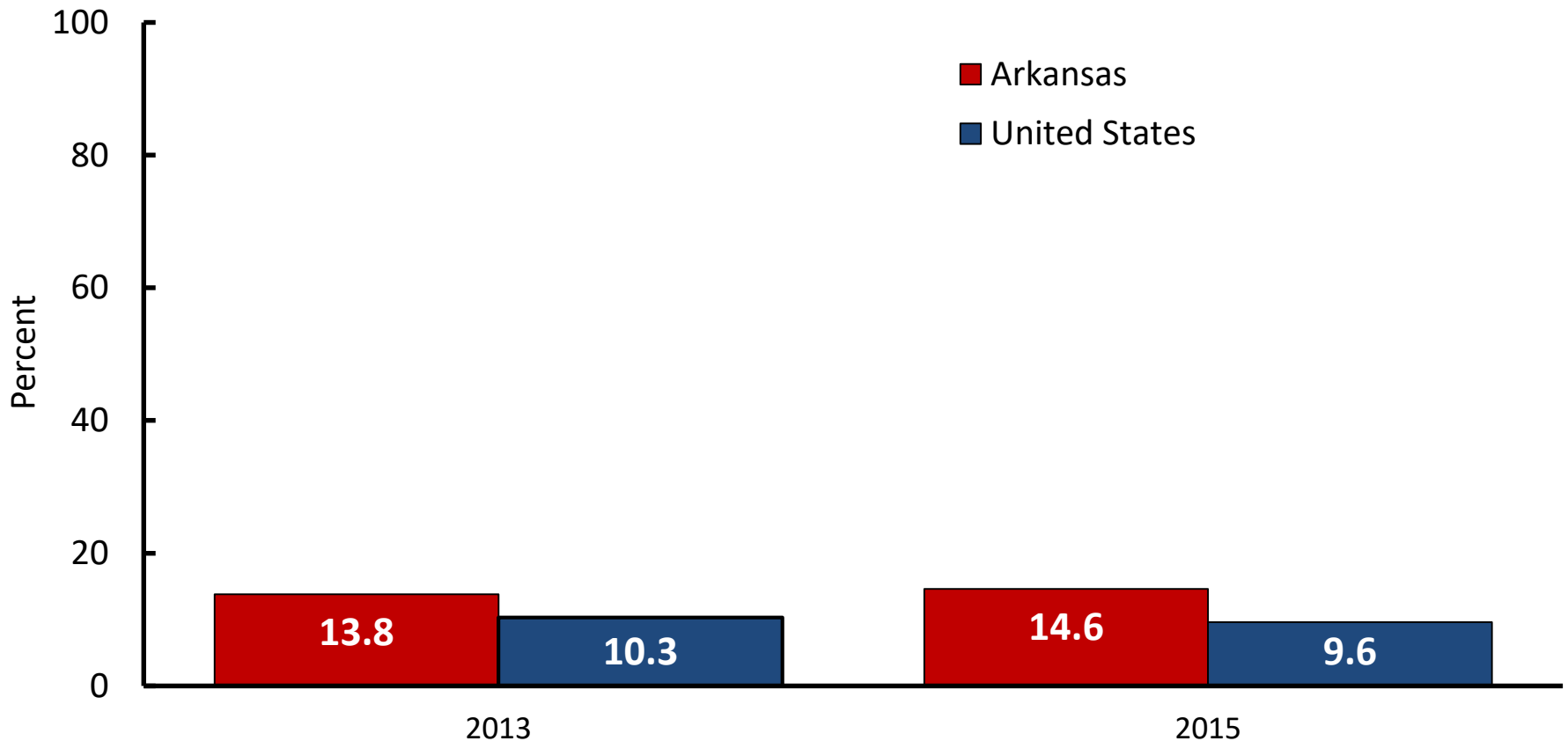
Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Experienced Physical Dating Violence*

Arkansas and United States, 2013 and 2015

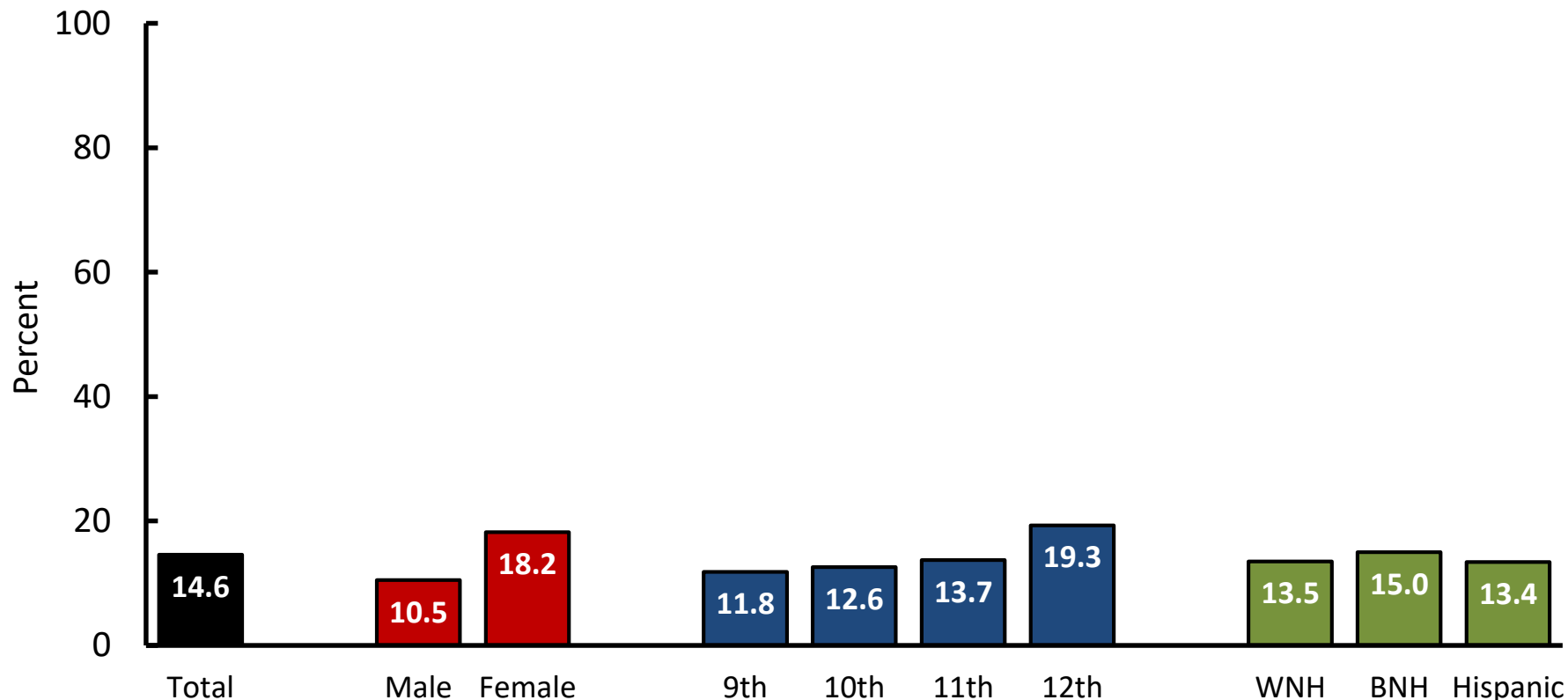


*One or more times during the 12 months before the survey, including being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with, among students who dated or went out with someone during the 12 months before the survey

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Experienced Physical Dating Violence,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*One or more times during the 12 months before the survey, including being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with, among students who dated or went out with someone during the 12 months before the survey

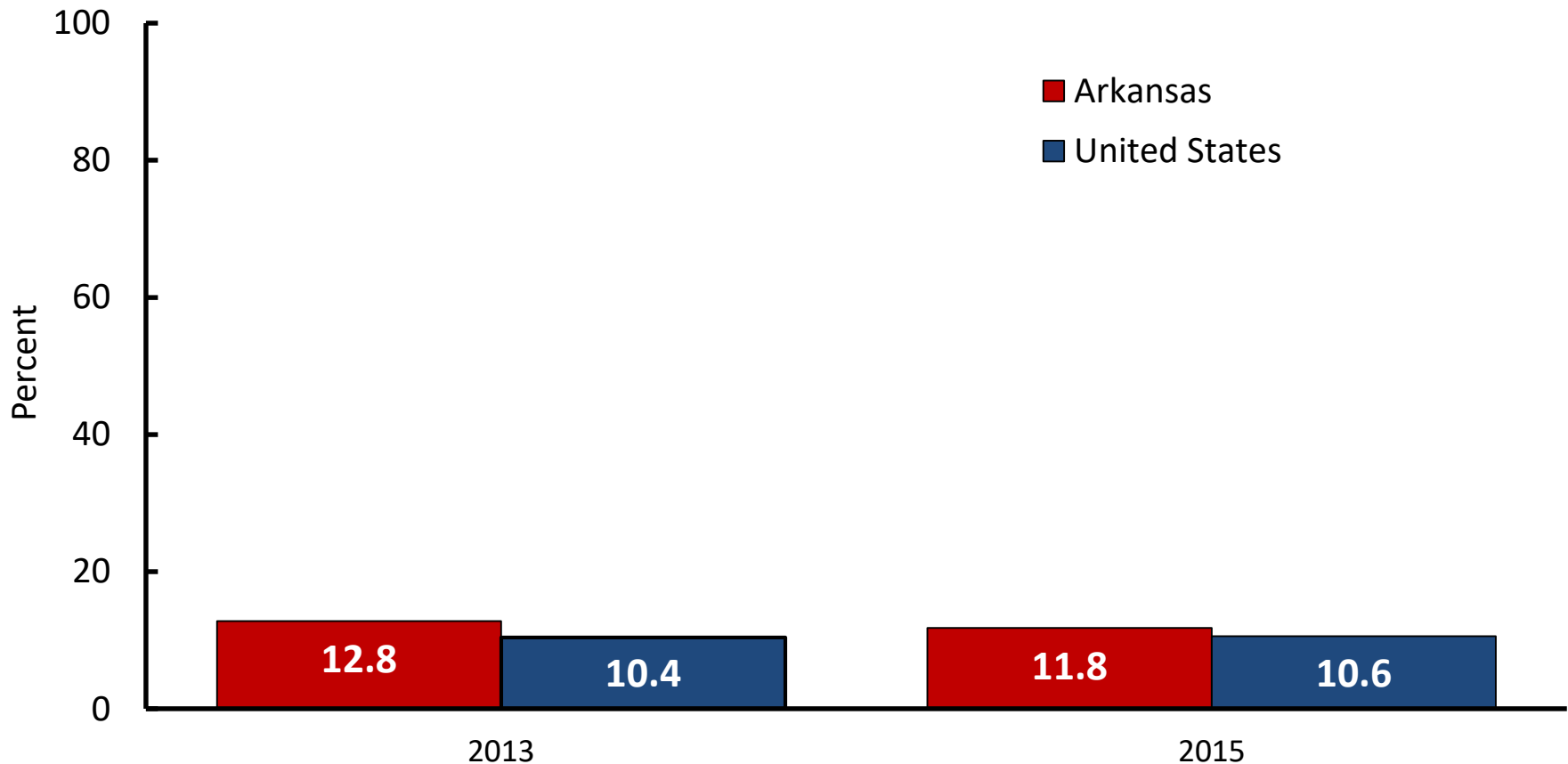
Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



Percent of High School Students Who Experienced Sexual Dating Violence*

Arkansas and United States, 2013 and 2015

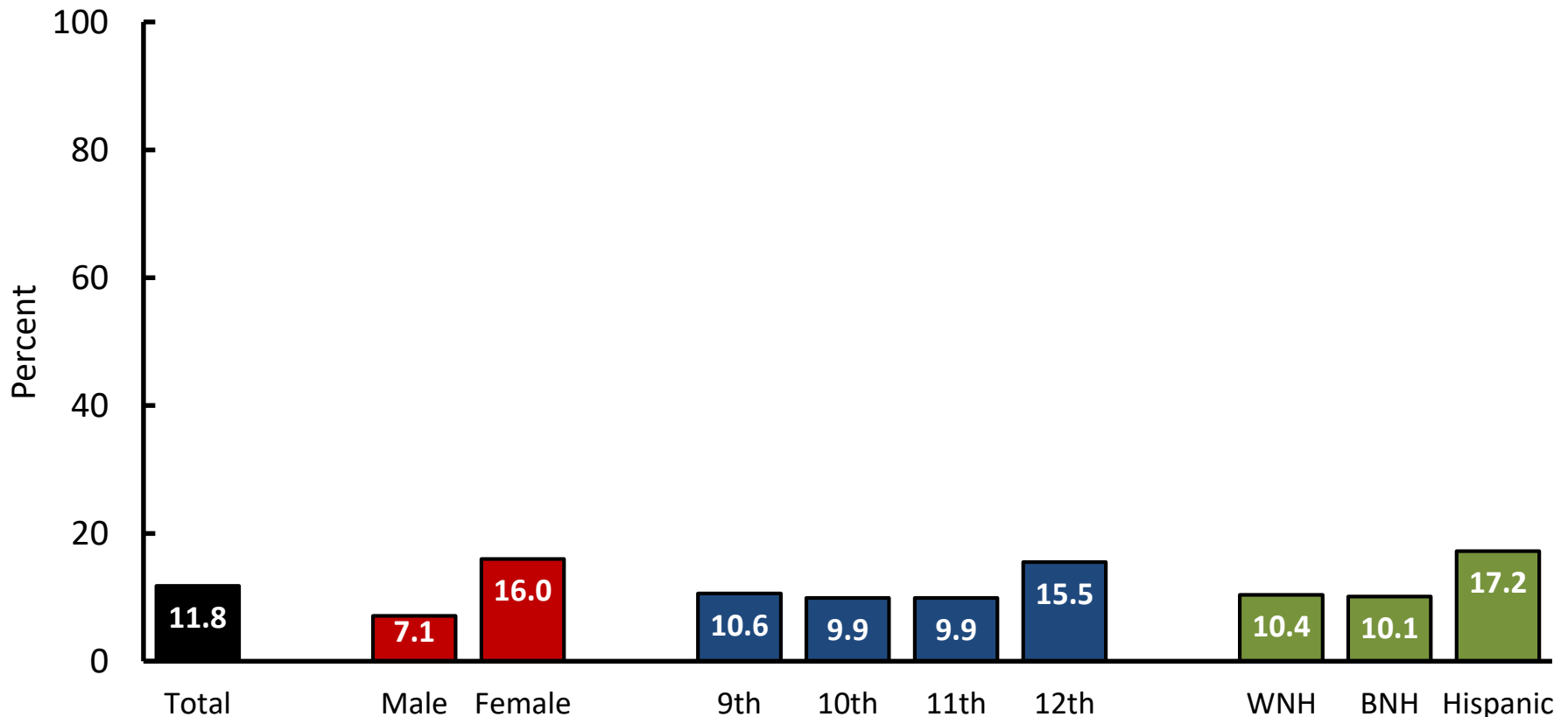


*One or more times during the 12 months before the survey, including kissing, touching, or being physically forced to have sexual intercourse when they did not want to by someone they were dating or going out with, among students who dated or went out with someone during the 12 months before the survey

Sources: Youth Risk Behavior Survey (YRBS), Arkansas Department of Education and Centers for Disease Control and Prevention



Percent of High School Students Who Experienced Sexual Dating Violence,* by Sex, Grade, and Race/Ethnicity, Arkansas, 2015



*One or more times during the 12 months before the survey, including kissing, touching, or being physically forced to have sexual intercourse when they did not want to by someone they were dating or going out with, among students who dated or went out with someone during the 12 months before the survey

Notes: WNH = White, non-Hispanic. BNH = Black, non-Hispanic.

Source: Arkansas Youth Risk Behavior Survey (YRBS), Arkansas Department of Education



DATA SOURCES

Data Sources

- **Vital Statistics (Birth and Death Data)**: The Health Statistics Branch provides a variety of data concerning the health of Arkansans. The Vital Statistics Section reports information on all vital events: birth, death, marriage, divorce, fetal deaths, and induced terminations of pregnancies. In 2014, Arkansas implemented the Electronic Registration of Arkansas Vital Events (ERAVE) system and the 2003 U.S. standard certificate of live birth. Rates are calculated for Arkansas residents.
- **National Center for Health Statistics' CDC Wide-Ranging Online Data for Epidemiologic Research (CDC WONDER)**: CDC WONDER is an easy-to-use, menu-driven system that makes the information resources of the U.S. Centers for Disease Control and Prevention (CDC) available to public health professionals and the public at large. It provides access to a wide array of public health information such as births and deaths, cancer incidence, HIV and AIDS, tuberculosis, vaccinations, and census data. National, state, and sub-state level data are available.
- **Hospital Discharge Data System**: The Hospital Discharge Section reports on all inpatient and emergency department discharges in Arkansas hospitals. Information reported includes demographics, clinical data (dates of service, discharge status, diagnoses, procedures), and charges. Arkansas began collecting data in 1996.



Data Sources (cont'd)

- **Pregnancy Risk Assessment Monitoring System (PRAMS)**: PRAMS is a joint research project between the Health Statistics Branch of the Arkansas Department of Health and the U.S. Centers for Disease Control and Prevention (CDC). The PRAMS survey collects information from new mothers about their experiences and behaviors before, during, and after their pregnancy that might affect the health of their baby (pregnancy intention, smoking, drinking, prenatal care, breastfeeding, flu vaccinations). Women who receive the survey are chosen from a sample of all women who recently had a live birth. Arkansas sends surveys to about 2,000 or more women a year and has been conducting the survey since 1997.
- **Youth Risk Behavior Survey (YRBS)**: The U.S. Centers for Disease Control and Prevention (CDC) YRBS is the only surveillance system designed to monitor a wide range of priority health risk behaviors among high school students such as unintentional injuries and violence; tobacco, alcohol, and other drug use; sexual behaviors that contribute to unintended pregnancy and sexually transmitted diseases, including HIV infection; unhealthy dietary behaviors; physical inactivity; obesity; and asthma. It uses a stratified random sample of schools and students at both the national and state levels. It is a paper-based classroom survey. Arkansas data are available for years 1995 and forward.

