

# Health of Women and Children Report 2019



**30 YEARS**

Analysis and Insights to  
Build Healthier Communities



*America's Health Rankings®* is built on the World Health Organization's definition of health: "Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity."

The model's behaviors, community & environment, policy and clinical care categories reflect the personal, social and environmental factors that influence the health outcomes category.

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# Introduction

According to U.S. Census Bureau estimates, in 2018 there were more than 58 million women of reproductive age (18-44) and nearly 73.4 million children (0-17) in the United States. Women and children make up 40.2 percent of the U.S. population, and both populations are growing more diverse. According to U.S. Census, non-Hispanic white children will account for less than half of children in 2020. Figure 1 shows the change in the population of women ages 18-44 and children between 1990 and 2018 by five racial/ethnic groups. Since 1990, the proportion of the population who are non-Hispanic white has decreased in women and children, while the proportion in each racial and ethnic minority has increased.

## Summary of Key Findings

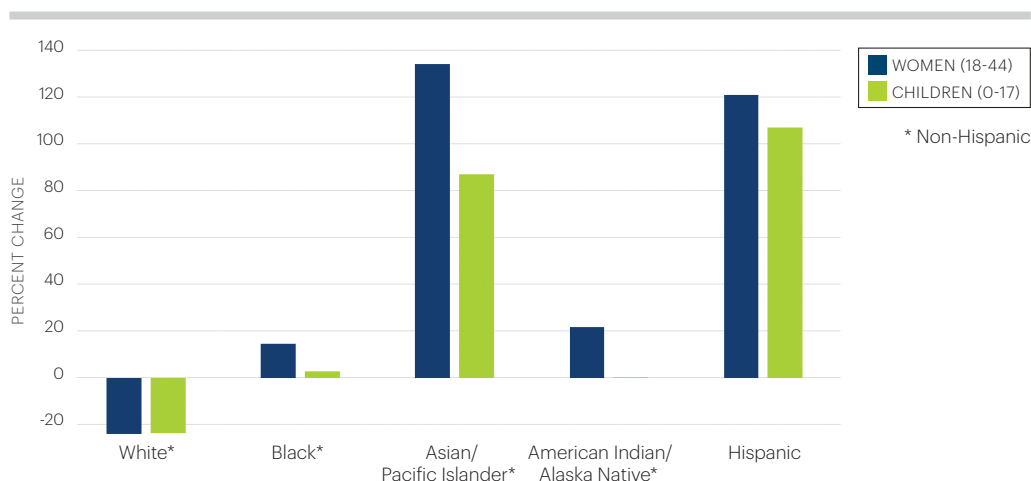
- Social and economic factors, including concentrated disadvantage, continue to influence individual and population health and well-being across the country.
- Stark disparities exist in key measures of health across states and by race/ethnicity, gender and education. To achieve the highest level of health for all people, these disparities need to be addressed and eliminated.

- + Smoking and tobacco use have decreased among women of reproductive age, pregnant women and youth.
- + Advances have been made in clinical care measures such as flu vaccination among women of reproductive age and HPV vaccination among male teens.
- + The teen birth rate has decreased.
- Adverse health behaviors including excessive drinking have increased among women of reproductive age.
- No progress has been made addressing low birthweight infants.
- Troubling mortality rates reveal increases in child mortality, teen suicide and drug deaths among women of reproductive age.

## Purpose and objective

America's Health Rankings' purpose is to create widespread awareness of where states stand on important public health measures. To achieve this, comprehensive data are necessary to assess the current health of populations across

Figure 1  
**Change in population of women and children by race/ethnicity between 1990 and 2018**



the nation. The 2019 *America's Health Rankings Health of Women and Children Report* provides a state-by-state comparison of the health of women, infants and children. The report combines various health-related measures across categories of health determinants and health outcomes using a wealth of reputable data sources.

- **Fifty-five measures** of health are used to rank states. Additionally, six measures from the Pregnancy Risk Assessment Monitoring System and 12 supplemental measures that are not included in the state rankings calculation reveal current and emerging issues affecting women and children.
- **Five categories** of health comprise the rankings model: behaviors, community & environment, policy, clinical care and health outcomes.
- **Twenty-one data sources** are used including the Centers for Disease Control and Prevention's (CDC) Behavioral Risk Factor Surveillance System and Pregnancy Risk Assessment Monitoring System, the U.S. Census Bureau's American Community Survey and the Maternal and Child Health Bureau's National Survey of Children's Health.

The objective of *America's Health Rankings Health of Women and Children Report* is to improve population health of women and children by:

- **Providing a benchmark for states.** Each year the report presents trends, strengths, challenges and highlights of every state. In addition, the website offers a visual that displays all measures in order of impact on a state's overall rank. This enables states to zoom in on health issues that have the largest impact on population health of women and children. With *America's Health Rankings Health of Women and Children Report's* three years

## New This Year

**Twelve supplemental measures were added to the *America's Health Rankings* website to highlight current and emerging issues affecting women, infants and children. For measure definitions see page 162. Additionally, state-level data for adverse childhood experiences (Page 11) and concentrated disadvantage (Page 13) components give additional context that allows users to dive deeper into these two summary measures.**

of data, community leaders, public health officials and policymakers can monitor health trends over time and compare their state with neighboring states and the nation.

- **Stimulating action.** The report is intended to promote data-driven discussions among individuals, community leaders, the media, policymakers and public health officials that can drive change and improve the health of women and children. States can incorporate the report into their annual review of programs, and many organizations use the report as a reference when assigning goals for health-improvement plans.
- **Highlighting disparities.** The state rankings show disparities in health between states and among population groups at state and national levels. The report highlights disparities in age, gender, race/ethnicity, education and income.

# State Rankings

## The health of women and children across states

The U.S. map in Figure 2 displays the 2019 rankings shaded by quintile. The healthiest states for women, infants and children are in the Northeast, West and Midwest. The states with the most health challenges are concentrated in the South, with the exception of Nevada.

- The top five states are Northeastern states.
- Four of the bottom five states are Southern states.

The states are ranked according to a calculated score (see Methodology page 165), with the U.S. score set at zero.

### Highest ranked states

- #1 Rhode Island**
- #2 Massachusetts**
- #3 New Hampshire**
- #4 Vermont**
- #5 Connecticut**

### Lowest ranked states

- #46 Nevada**
- #47 Louisiana**
- #48 Oklahoma**
- #49 Arkansas**
- #50 Mississippi**

Figure 2  
2019 state rankings map

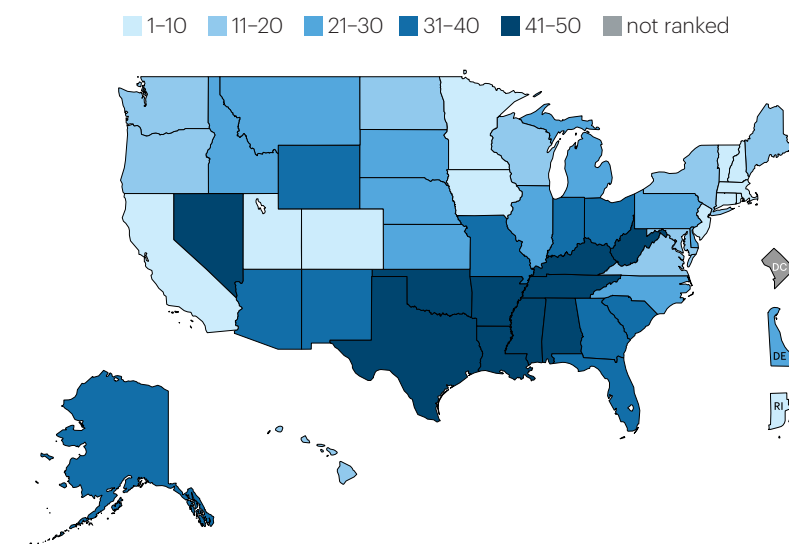
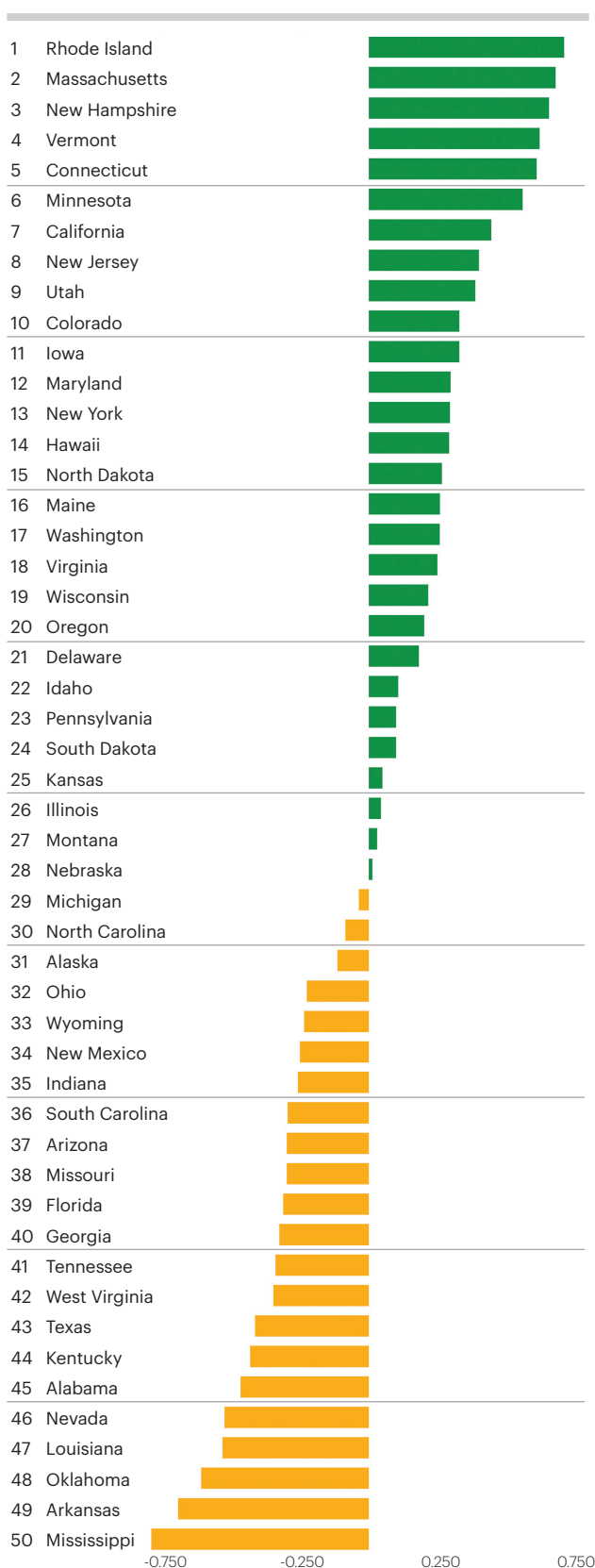


Figure 3  
2019 state scores\* listed by ranking



\* Weighted standard deviation relative to U.S. value. A score of zero is equal to the U.S. value.

Figure 3 displays the states in order of rank. The green bars represent states scoring healthier than the U.S. average (above zero), while gold bars represent states scoring unhealthier than the U.S. average (below zero). The distance between bars indicate the difference between state scores. For example, California (No. 7) and Minnesota (No. 6) have a large difference in score, making it difficult for California to move up in the rankings. There is also a large gap in score between Ohio (No. 32) and the next higher state, Alaska (No. 31).

**Adjust My Rank** is a web tool that illustrates the changes in health needed to improve a state's rank. Users can adjust up to eight measures to achieve the desired change in rank. The tool assumes all other state and national values remain constant. Adjust My Rank demonstrates that improving population health at the state level requires a multi-pronged approach. Focusing on one measure alone likely does not improve health enough to change a state's rank. Adjust My Rank can be used to prioritize public health goals and interventions as well as to spark dialogue on how to improve state health.

# State Rankings

## Rhode Island moves into the top spot

Rhode Island (Page 126) is the healthiest state in this year's report. The state's top rank is driven by No. 1 rankings in the policy and clinical care categories (Table 1). Rhode Island also ranks in the top five across all three populations of women, infants and children. Baby-friendly facilities, uninsured women, prenatal care before the third trimester and well-baby checks have the greatest positive impact on the state's rank. Supportive neighborhoods, infant child care cost, substance use disorder among youth and drug deaths among women have the most negative impact on Rhode Island's rank.

### Strengths:

- Low percentage of uninsured women ages 19-44 at 5.7 percent, compared with 12.4 percent nationally
- High percentage of prenatal care before the third trimester at 98.0 percent of live births, compared with 93.7 percent nationally
- Lowest child mortality rate at 16.3 deaths per 100,000, compared with 25.7 deaths per 100,000 nationally

### Challenges:

- High drug death rate among females ages 15-44 at 21.3 deaths per 100,000, compared with 16.3 deaths per 100,000 nationally
- High cost of infant child care at 13.3 percent of a married couple's median household income, compared with 12.3 percent nationally
- Low prevalence of supportive neighborhoods at 51.0 percent of children ages 0-17, compared with 55.4 percent nationally

Table 1

### Rhode Island 2019 population and model category rankings

Population	2019 ranking	Rank change since 2018
Women	4	—
Infants	2	+2
Children	4	+2

Model category	2019 ranking	Rank change since 2018
Behaviors	16	+6
Community & Environment	18	+7
Policy	1	—
Clinical Care	1	—
Outcomes	9	+1
<b>State rank</b>	<b>1</b>	<b>+2</b>

## Mississippi remains No. 50

Mississippi (Page 96) is No. 50, for the second year in a row. The state ranks last in the behaviors and community & environment categories (Table 2). Improvements were made in policy, clinical care and outcomes categories in the past year, yet declines were seen in the behaviors category. All-in-all, Mississippi ranks in the bottom 10 states across all five model categories. The state also ranks in the bottom five for all three populations of women, infants and children. Infant child care cost, excessive drinking among women ages 18-44 and cervical cancer screening have the most positive impact on Mississippi's rank. Breastfed infants, household smoke, uninsured women and household food insecurity are the measures with the most negative impact on Mississippi's rank.

### Strengths:

- Low prevalence of excessive drinking among women ages 18-44 at 12.4 percent, compared with 19.6 percent nationally



- Low cost of infant child care at 7.3 percent of a married couple's median household income, compared with 12.3 nationally
- High prevalence of children with health insurance at 95.3 percent, compared with 93.9 percent nationally

## Challenges:

- High percentage of uninsured women ages 19-44 at 19.1 percent, compared with 12.4 percent nationally
- Lowest percentage of infants breastfed exclusively for six months at 13.0 percent, compared with 24.9 percent nationally
- Highest prevalence of overweight or obesity among youth at 39.2 percent, compared with 31.0 percent nationally

Table 2  
**Mississippi 2019 population and model category rankings**

Population	2019 ranking	Rank change since 2018
Women	47	—
Infants	50	—
Children	49	+1
Model category	2019 ranking	Rank change since 2018
Behaviors	50	-2
Community & Environment	50	—
Policy	46	+2
Clinical Care	44	+4
Outcomes	48	+2
<b>State rank</b>	<b>50</b>	<b>—</b>

## States with the largest changes in rank in the past year

New York (Page 112) and Maine (Page 86) made the most progress in the rankings since 2018, improving six and five ranks, respectively (Table 3). New York's improvement was driven by progress in infants' health measures (+11 ranks from No. 28 to No. 17) and gains in the policy (+8 ranks) and clinical care (+7 ranks) categories. Maine's rank increase was driven by progress in women's health measures (+7 ranks from No. 27 to No. 20) and in the behaviors (+14 ranks) category.

Nebraska (Page 102) and Washington (Page 142) experienced the largest declines in the rankings since 2018, both dropping six ranks (Table 4). Nebraska's drop in rank was driven by declines in infants' health measures (-17 ranks from No. 24 to No. 41) and declines in the community & environment (-11 ranks) category. Washington's drop in rank was driven by declines in children's health measures (-6 ranks from No. 18 to No. 24) and in the behaviors and clinical care categories (-4 ranks).

Table 3  
**Largest rank improvements since 2018**

State	2018 ranking	2019 ranking	Rank change
New York	19	13	+6
Maine	21	16	+5
Maryland	16	12	+4
Missouri	41	37	+4
New Jersey	12	8	+4

Table 4  
**Largest rank declines since 2018**

State	2018 ranking	2019 ranking	Rank change
Nebraska	22	28	-6
Washington	11	17	-6
Florida	34	39	-5
Wisconsin	14	19	-5

# State Rankings

Table 5  
**2019 Population group rankings sorted by overall state ranking**

	State ranking	Women's ranking	Infants' ranking	Children's ranking
Rhode Island	1	4	2	4
Massachusetts	2	3	7	1
New Hampshire	3	11	1	3
Vermont	4	2	3	9
Connecticut	5	5	6	2
Minnesota	6	1	10	7
California	7	7	5	18
New Jersey	8	18	8	8
Utah	9	10	11	16
Colorado	10	8	14	23
Iowa	10	6	25	10
Maryland	12	17	26	5
New York	13	14	17	15
Hawaii	14	9	22	14
North Dakota	15	13	27	11
Maine	16	20	12	21
Washington	17	19	9	24
Virginia	18	22	23	6
Wisconsin	19	15	24	20
Oregon	20	21	4	34
Delaware	21	26	16	17
Idaho	22	29	13	29
Pennsylvania	23	24	32	12
South Dakota	23	12	21	36
Delaware	25	28	19	27
Illinois	26	27	35	13
Montana	27	16	18	45
Nebraska	28	23	41	19
Michigan	29	31	36	22
North Carolina	30	34	30	25
Alaska	31	30	14	48
Ohio	32	33	42	28
Wyoming	33	32	31	44
New Mexico	34	40	20	43
Indiana	35	41	38	26
South Carolina	36	46	29	35
Arizona	37	36	27	47
Missouri	37	38	39	32
Florida	39	37	34	39
Georgia	40	43	37	31
Tennessee	41	35	46	30
West Virginia	42	25	48	41
Texas	43	49	33	36
Kentucky	44	39	43	40
Alabama	45	42	47	33
Nevada	46	44	44	46
Louisiana	47	50	40	42
Oklahoma	48	45	45	50
Arkansas	49	48	49	38
Mississippi	50	47	50	49

## The health of women, infants and children within states

When examining women, infants and children separately, variations emerge in the rankings within many states. Table 5 displays the overall and individual ranks for women, infants and children shaded by quintile of rank. For example, New Hampshire (No. 3) ranks in the top five for infants and children, but ranks No. 11 for women. Arkansas (No. 49) ranks in the bottom five for women and infants, but ranks No. 38 for children. The largest variations in rank among the three populations occur in Oregon (No. 20), South Dakota (No. 23), Montana (No. 27), Alaska (No. 31) and New Mexico (No. 34). In all five states, the rank for children's health is dramatically lower than the ranks for infants' and women's health. Meanwhile, there is little variation among the ranks of the three populations in Rhode Island (No. 1), New York (No. 13), Nevada (No. 46) and Mississippi (No. 50).

A line graph displayed in the state summaries (Pages 48-153) demonstrates how each state compares with the average U.S. score for each population group (women, infants, and children) and each model category (behaviors, community & environment, policy, clinical care and outcomes) as well as overall.

TOP 10
11 TO 20
21 TO 30
31 TO 40
BOTTOM 10

Figures 4 to 6 show the geographic distribution of rankings across states for each population group. The top ranking states for women's health are spread throughout the West, Midwest and Northeast, while the bottom ranking states are in the South, with the exception of Nevada and Indiana. For infants' health, the top ranking states are in the West and Northeast as well as Minnesota, while the lowest ranking states are clustered in the South, as well as Nevada, Nebraska and Ohio. The top ranking states for children's health are spread in the Northeast as well as Minnesota, Iowa, Virginia and Maryland, while the lowest ranking states are in the West and South.

Figure 4  
**2019 women's health rankings map**

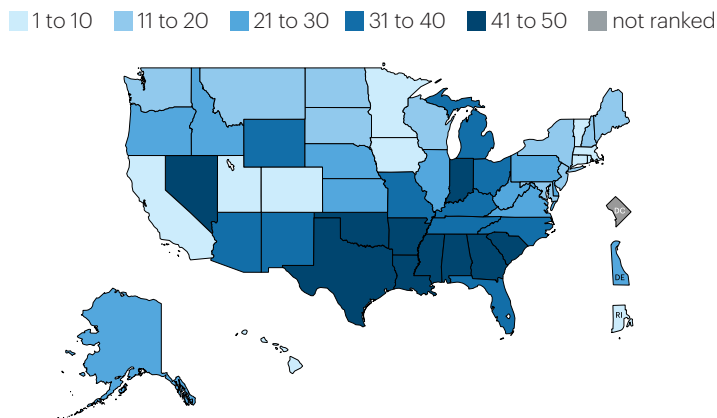


Figure 5  
**2019 infants' health rankings map**

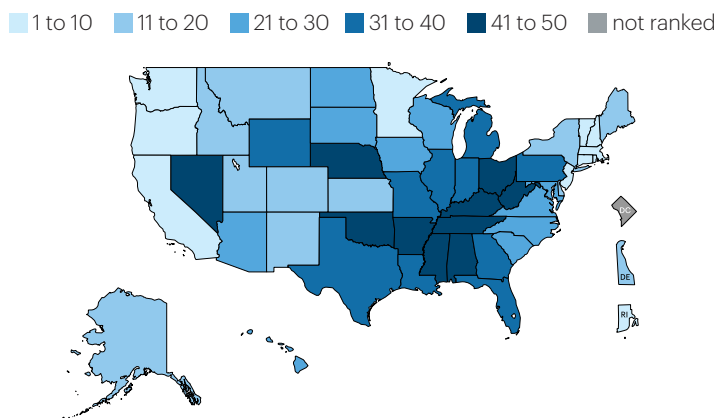
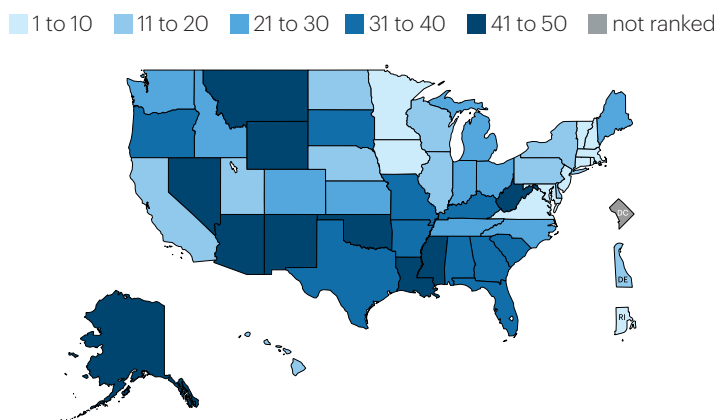


Figure 6  
**2019 children's health rankings map**



# Social and Economic Factors

The health of women, infants and children is fundamental to the health of communities, and vice versa. Health behaviors and outcomes are heavily influenced by social and economic factors at state, community, household and individual levels. Social and economic factors continue to challenge the well-being of families in communities across the country. This year's report finds stark disparities by gender, race/ethnicity, geography and education across key measures of health. To achieve the highest level of health for all people, more work is needed to address and eliminate these disparities.

*America's Health Rankings Health of Women and Children Report* finds that:

- **Nearly 14.7 million (20.5 percent) children ages 0-17 have at least two of nine adverse childhood experiences.** Table 6 shows the nine components of the adverse childhood experiences measure at the state level.

According to the Child and Adolescent Health Measurement Initiative, adverse childhood experiences are stressful or traumatic events that affect children and have a lasting impact on health and well-being. Early experiences have a broad and profound impact on an individual's

development and subsequent emotional, cognitive, social and biological functioning.

- **Nearly a quarter (24.0 percent) of households are in areas of concentrated disadvantage.** This means there is a higher percentage of households headed by females (who are more likely to face wage discrimination than males); a higher percentage of children; and a higher percentage of people unemployed, living in poverty and receiving public assistance. Table 7 displays the five components of the concentrated disadvantage measure at the state level.

According to the Association of Maternal and Child Health Programs, concentrated disadvantage is a measure of community well-being that helps identify community-level concentrated poverty and economic segregation. Persistent high levels of concentrated disadvantage can harm physical and mental health and is associated with: poor birth outcomes, child maltreatment, lack of access to healthy foods and recreational areas,<sup>1</sup> poor educational outcomes,<sup>2</sup> teen pregnancy<sup>3</sup> and high rates of violent crime.<sup>4</sup>

## DISPARITIES

### ADVERSE CHILDHOOD EXPERIENCES



▲ **1.9x**

higher in **Oklahoma** (28.5% of children ages 0-17) than **California** (14.8%)

### CONCENTRATED DISADVANTAGE



▲ **17.4x**

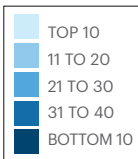
higher in **Mississippi** (43.5% of households) than **Vermont** (2.5%)

# Social and Economic Factors

Table 6

**Nine components of adverse childhood experiences (ACEs) sorted by ACEs ranking, 2019**

	Two or more ACEs	Economic hardship	Parent divorce or separation	Parent death	Parent in jail	Domestic violence	Neighborhood violence	Mental illness	Substance misuse	Discrimination
California	14.8	19.4	21.5	1.7	4.4	3.3	1.6	5.4	7.4	3.2
Maryland	15.6	21.0	20.4	2.3	3.5	3.5	2.0	5.5	5.3	5.7
New Jersey	15.6	24.2	17.8	1.9	3.7	2.6	2.7	4.7	5.5	3.7
Massachusetts	15.7	21.7	19.6	2.7	3.5	3.5	3.3	5.9	5.4	2.0
New York	15.7	25.5	20.5	3.3	3.4	2.9	2.9	5.7	4.1	2.8
Minnesota	17.2	20.8	18.5	2.2	7.1	5.2	4.1	8.4	8.0	3.5
Utah	17.6	22.8	18.0	2.0	6.1	4.1	3.6	11.6	7.0	1.6
North Dakota	17.7	22.0	18.5	2.4	6.5	4.3	3.6	7.5	9.5	2.1
Illinois	18.1	22.1	19.9	3.5	5.9	4.5	3.9	7.1	6.0	4.3
Hawaii	18.2	20.1	19.5	2.9	4.4	8.5	5.6	5.2	8.3	2.2
Rhode Island	18.2	22.2	22.4	3.0	4.9	4.8	5.1	8.0	7.3	2.9
Connecticut	18.3	23.4	20.9	3.2	5.3	4.9	3.2	8.0	7.6	3.1
Washington	18.4	22.2	22.2	1.7	5.1	4.4	3.6	9.1	10.8	4.2
New Hampshire	18.5	21.4	21.3	3.9	3.4	3.9	1.9	9.1	8.9	1.1
Iowa	18.6	23.4	21.3	2.3	5.3	6.6	5.7	8.2	9.5	2.4
Nebraska	18.9	23.6	20.3	2.6	7.8	4.5	3.4	8.9	10.0	1.9
Pennsylvania	19.2	22.7	21.3	4.0	8.2	5.1	4.5	7.7	8.2	3.6
Texas	19.9	25.7	23.3	4.8	8.0	6.2	3.1	5.9	8.8	3.9
Virginia	19.9	23.6	23.3	3.9	8.5	4.2	2.8	7.3	7.0	3.6
Colorado	20.1	23.9	23.5	2.3	7.0	4.4	3.2	8.3	11.3	4.8
South Dakota	20.6	25.5	21.7	2.0	7.5	4.8	4.0	8.7	9.6	4.4
Kansas	20.8	22.9	27.1	2.3	8.3	6.4	4.6	8.1	9.3	4.4
South Carolina	20.9	24.7	25.5	4.6	9.1	6.1	3.2	6.5	6.9	3.0
Idaho	21.1	27.4	23.2	2.2	8.2	5.2	3.4	13.6	9.8	1.6
Vermont	21.5	23.8	24.2	2.3	6.1	5.0	3.8	9.8	12.9	2.2
Wisconsin	21.7	20.4	25.3	2.5	9.1	6.8	4.4	9.8	9.5	4.2
Delaware	22.0	24.6	24.5	2.6	9.1	7.3	6.0	7.9	8.1	3.9
Michigan	22.0	24.2	26.2	4.5	7.6	5.2	4.0	7.7	7.6	4.9
Indiana	22.2	22.9	26.2	5.2	10.0	6.3	4.7	9.1	9.2	3.3
Maine	22.5	27.5	27.8	2.2	6.6	6.2	4.5	11.8	11.2	1.5
Oregon	23.3	26.5	24.9	2.2	6.4	6.3	3.5	11.2	11.3	3.7
North Carolina	23.6	25.5	25.4	3.9	9.9	7.2	4.3	8.0	8.6	4.9
Georgia	23.7	23.6	25.4	4.8	9.6	5.6	5.8	7.9	9.0	5.2
Alaska	24.1	23.8	26.0	4.1	9.8	5.9	6.3	11.3	13.0	3.4
Tennessee	24.1	25.4	26.9	3.5	11.7	6.9	4.2	7.9	10.0	4.4
Nevada	24.4	24.8	29.4	3.9	10.7	6.0	6.4	6.7	10.8	4.4
Ohio	25.1	28.9	25.8	4.2	11.0	6.6	5.5	9.7	9.3	3.3
Wyoming	25.1	27.5	25.5	2.5	8.5	6.8	4.5	10.9	11.7	3.6
Louisiana	25.2	28.3	28.8	4.9	11.6	5.0	3.9	7.0	8.8	3.2
Florida	25.3	27.3	30.8	4.7	10.3	6.1	5.6	6.9	9.2	3.4
Mississippi	25.5	30.7	29.0	5.6	11.9	9.7	4.1	7.8	10.5	4.6
Kentucky	25.8	26.7	30.1	3.0	12.6	5.8	3.2	8.1	11.5	2.6
Missouri	25.9	28.4	26.5	3.5	10.9	7.6	4.5	9.8	11.3	3.0
Montana	25.9	28.7	26.6	4.1	11.4	7.6	6.0	12.3	15.4	2.6
New Mexico	26.0	24.3	30.0	5.0	12.2	9.5	5.9	8.7	11.4	6.0
Alabama	26.3	27.8	29.6	4.1	8.2	6.9	4.2	7.5	9.7	4.6
Arkansas	27.1	28.8	31.5	5.8	13.1	8.9	5.0	10.6	11.7	2.7
Arizona	27.3	26.8	31.0	3.1	10.7	7.2	5.4	8.3	13.7	4.4
West Virginia	27.7	30.6	31.9	4.2	9.0	8.3	6.3	11.2	13.5	2.1
Oklahoma	28.5	30.0	30.6	4.0	14.6	9.2	6.1	11.6	12.5	4.3



Values represent percentages of children ages 0-17

# Social and Economic Factors

- **Nearly one in eight households (12.3 percent) in the nation don't have adequate food** due to lack of resources, despite improvements in food insecurity since 2016.

Food insecurity has broad effects on health due to the mental and physical stress that it places on the body. In women it is associated with obesity, anxiety, depression, risky sexual behavior, low birthweight and gestational diabetes.<sup>5</sup> In children it is associated with anemia, asthma, anxiety, depression, cognitive and behavioral problems as well as hospitalization.<sup>6</sup>

- **Nearly 55.3 million women ages 19-44 (12.4 percent) are uninsured** — ranging dramatically from 3.3 percent of women in Massachusetts to 25.6 percent in Texas.

Health insurance is a critical factor in ensuring women receive needed care to achieve and maintain good health. Moreover, babies born to healthy mothers start off on a promising path to health that has the potential to last a lifetime. According to the Kaiser Family Foundation, the most common reason for being uninsured is cost.

## DISPARITIES

### HOUSEHOLD FOOD INSECURITY



▲ **2.4x**

higher in **New Mexico** (17.9% of households) than **Hawaii** (7.4%)

### UNINSURED WOMEN



▲ **7.8x**

higher in **Texas** (25.6% of women ages 19-44) than **Massachusetts** (3.3%)

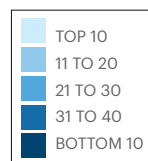
**Social and economic factors continue to challenge the well-being of families in communities across the country. Nearly one in eight households in the nation don't have adequate food.**

# Social and Economic Factors

Table 7

**Five components of concentrated disadvantage sorted by concentrated disadvantage ranking, 2019**

	Concentrated disadvantage (% of households)	Below poverty threshold (% of households)	Receiving public assistance (% of population)	Female-headed household (% of households)	Unemployed (% of population ages 16 and older)	Population younger than 18 years (% of population)
Vermont	2.5	7.3	25.1	8.9	4.4	19.2
North Dakota	3.1	6.8	15.9	7.5	2.7	22.9
Wyoming	3.8	7.3	14.6	8.2	4.7	23.7
New Hampshire	4.2	5.0	17.3	9.4	4.5	19.8
Maine	7.2	8.4	27.5	9.2	5.3	19.3
Montana	8.3	9.1	23.0	8.2	4.8	22.0
Minnesota	8.4	6.6	18.6	9.3	4.3	23.4
Utah	8.8	7.9	15.3	9.3	4.4	30.4
South Dakota	10.3	8.9	25.5	9.3	3.7	24.7
Iowa	10.4	7.6	23.7	9.0	4.1	23.4
Idaho	11.6	10.0	25.4	9.1	5.4	26.2
Nebraska	11.9	8.0	19.8	9.8	3.8	24.8
Virginia	12.6	7.8	20.1	12.1	5.5	22.3
Colorado	12.7	7.6	18.9	9.8	5.2	23.0
Hawaii	13.5	7.0	26.1	12.1	4.9	21.6
Kansas	13.7	8.5	19.3	10.1	4.8	24.7
Washington	13.7	8.0	25.5	10.0	6.0	22.5
Wisconsin	13.8	8.1	24.9	9.9	4.7	22.5
Alaska	13.9	6.9	23.6	10.7	7.7	25.2
Missouri	16.6	10.3	26.1	11.8	5.8	22.9
Maryland	16.8	6.6	23.0	14.2	6.1	22.5
Massachusetts	17.5	7.8	22.1	12.3	6.0	20.4
Pennsylvania	17.9	8.9	26.9	11.8	6.5	21.0
Connecticut	18.8	7.0	20.8	12.6	7.2	21.2
New Jersey	19.9	7.9	19.9	13.3	7.0	22.3
Indiana	20.1	10.3	25.4	12.1	6.1	23.9
West Virginia	20.4	13.0	34.0	11.4	7.2	20.5
Oregon	20.5	9.8	32.3	10.3	6.8	21.5
Delaware	21.2	8.2	28.6	13.5	6.4	21.6
Oklahoma	21.3	11.8	28.0	12.3	5.7	24.5
Michigan	22.5	10.9	29.4	12.4	7.4	22.3
Illinois	23.0	9.8	27.3	12.4	7.4	23.0
Ohio	23.2	10.8	28.3	12.7	6.5	22.6
Arkansas	24.0	13.2	29.8	13.1	6.3	23.7
Tennessee	24.4	12.4	32.2	13.3	6.6	22.7
North Carolina	25.6	11.8	29.0	13.2	7.2	22.8
Rhode Island	26.6	9.5	29.0	13.5	6.8	19.9
New York	26.7	11.3	27.9	14.3	6.8	21.2
Nevada	27.7	10.3	27.0	12.8	8.0	23.2
Florida	27.8	11.1	32.2	13.1	7.2	20.3
Kentucky	28.3	13.8	30.9	12.5	6.8	22.9
Alabama	30.4	13.6	32.4	14.8	7.4	22.7
South Carolina	30.6	12.3	31.6	14.6	7.2	22.3
California	31.4	11.1	26.4	13.3	7.7	23.4
Texas	32.4	12.4	29.0	14.0	5.8	26.3
Georgia	33.3	12.8	30.5	15.0	7.5	24.5
Arizona	34.3	12.3	30.3	12.4	7.1	23.8
Louisiana	34.6	14.9	33.9	16.1	7.2	23.9
New Mexico	41.4	15.6	36.5	13.8	7.7	23.9
Mississippi	43.5	16.6	37.1	17.9	8.8	24.3





# National Successes

## Declines in smoking and tobacco use

**SMOKING** among women ages 18-44 decreased

**▼12%** since 2016 from 17.4 percent to 15.3 percent

**TOBACCO USE** among pregnant women decreased

**▼12%** since 2018 from 7.8 percent to 6.9 percent

**TOBACCO USE** among youth ages 12-17 decreased

**▼31%** since 2016 from 7.4 percent to 5.1 percent

## Advances in clinical care measures

**DEDICATED HEALTH CARE PROVIDER** among women ages 18-44 increased

**▲2%** since 2016 from 71.6 percent to 73.0 percent

**FLU VACCINATION** among women ages 18-44 increased

**▲5%** since 2016 from 32.8 percent to 34.4 percent

**HPV IMMUNIZATION** among males ages 13-17 increased

**▲18%** since 2018 from 37.5 percent to 44.3 percent

**MENINGOCOCCAL IMMUNIZATION** among adolescents ages 13-17 increased

**▲7%** since 2016 from 79.3 percent to 85.1 percent

## Declines in teen births

**TEEN BIRTHS** among females ages 15-19 decreased

**▼22%** since 2016 from 24.2 to 18.8 births per 1,000



# National Challenges

## Increases in adverse health behaviors among women

**CHLAMYDIA** among females ages 15-44 increased

**▲2%** since 2018 from 1,609.0 to 1,639.8 new cases per 100,000 females

**EXCESSIVE DRINKING** among women ages 18-44 increased

**▲11%** since 2016 from 17.7 percent to 19.6 percent

**OBESITY** among women ages 18-44 increased

**▲6%** since 2016 from 25.9 percent to 27.4 percent

## No progress addressing low birthweight

**LOW BIRTHWEIGHT** increased

**▲2%** since 2018 from 8.1 percent of live births to 8.3 percent

## Increases in mortality rates

**CHILD MORTALITY** ages 1-19 increased

**▲6%** since 2016 from 24.3 to 25.7 deaths per 100,000 children

**TEEN SUICIDE** ages 15-19 increased

**▲25%** since 2016 from 8.4 to 10.5 deaths per 100,000 teens

**DRUG DEATHS** among females ages 15-44 increased

**▲36%** since 2016 from 12.0 to 16.3 deaths per 100,000 females

# Successes

## Smoking and tobacco use down, advances in clinical care measures, teen births down

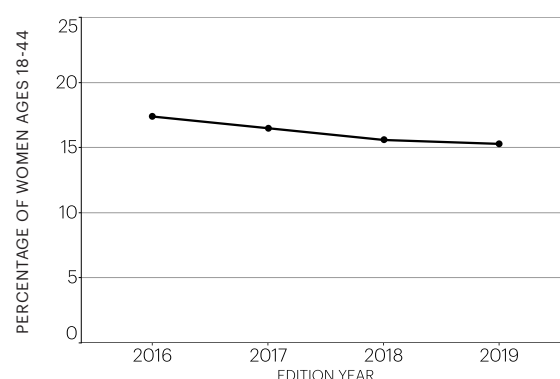
### SMOKING

#### Smoking decreasing among women of reproductive age, with widespread disparities

Smoking among women ages 18-44 decreased 12 percent since 2016 from 17.4 percent to 15.3 percent (Figure 7) — a decrease of nearly 950,000 women. Significant decreases also occurred in nine states (Figure 8). The largest decrease occurred in Rhode Island, dropping 33 percent since 2016.

Smoking is the leading cause of preventable death and disease in the United States, causing an estimated 201,773 deaths in women annually, according to the Centers for Disease Control and Prevention (CDC). Smoking affects reproductive health. According to the National Cancer Institute, women who smoke are more likely to go through menopause at a younger age and have trouble getting pregnant compared with women who do not smoke.

Figure 7  
Smoking among women, 2016-2019



#### DEFINITION

Percentage of women ages 18-44 who reported smoking at least 100 cigarettes in their lifetime and currently smoke daily or some days (does not include e-cigarette use) (2-year estimate)

### DISPARITIES

#### SMOKING among women ages 18-44



▲ 7.3x

higher among **American Indian/Alaska Native** (25.5%) than **Asian** (3.5%) women



▲ 4.1x

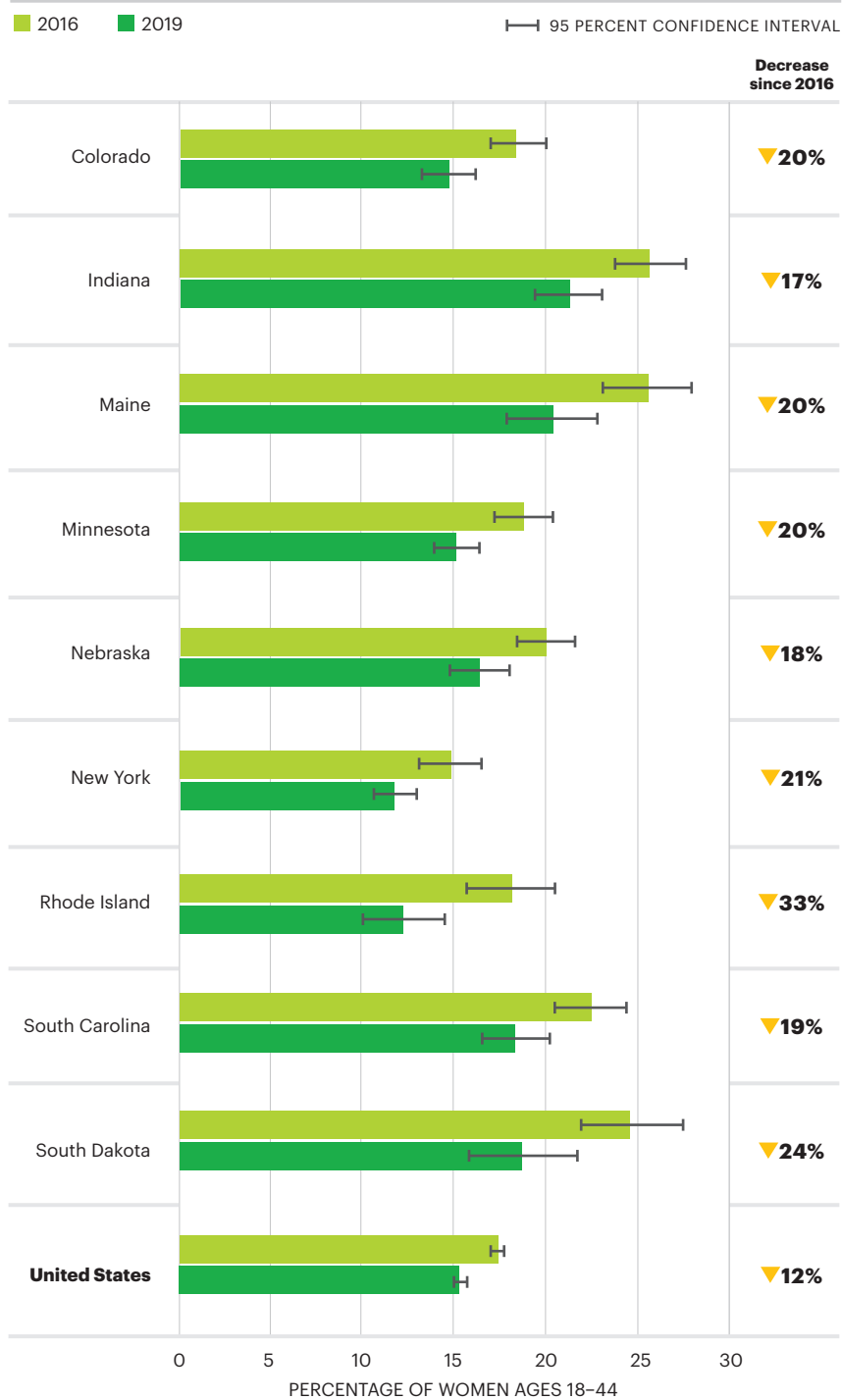
higher among **high school graduates** (26.0%) than **college graduates** (6.3%)



▲ 4.5x

higher in **West Virginia** (33.6%) than **Utah** (7.4%)

Figure 8  
States with decreases in smoking among women  
between 2016 and 2019



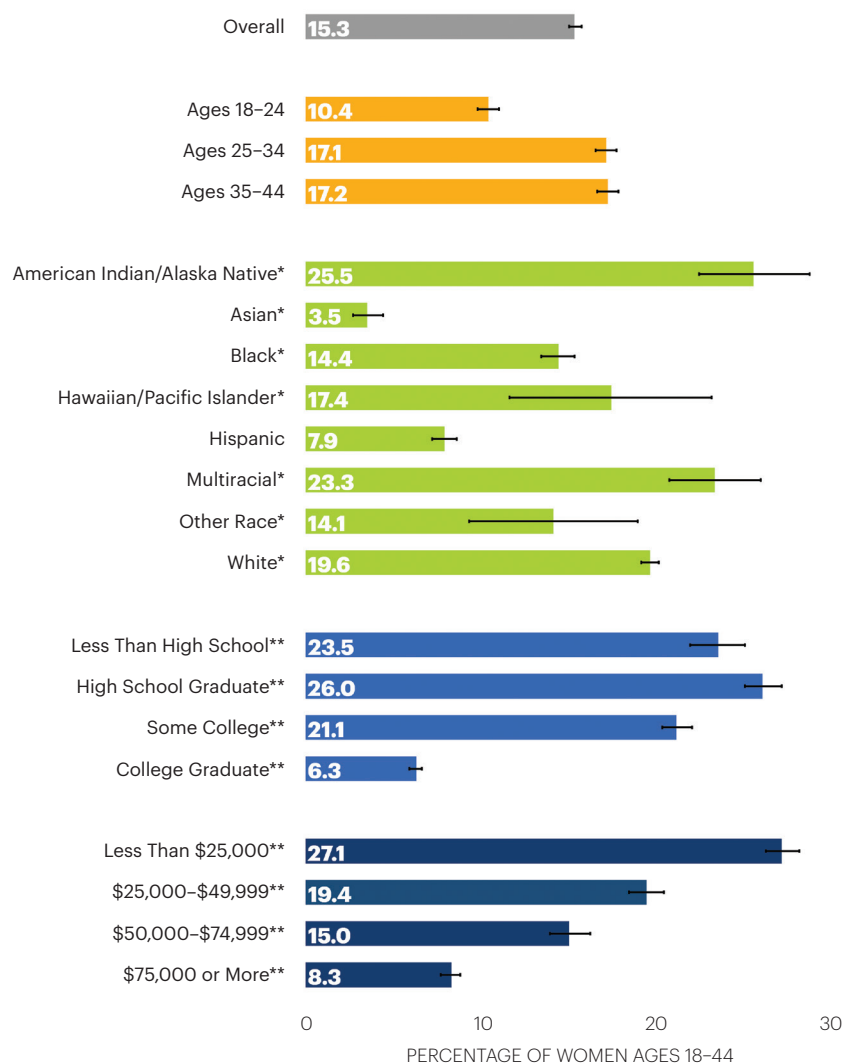
### Disparities and geographic variation

Disparities in smoking among women ages 18-44 are present across age group, race/ethnicity, education and income (Figure 9). American Indian/Alaska Native women have a smoking prevalence that is 7.3 times higher than Asian women. Both populations have made improvements, however, with smoking prevalence declining 23 percent (33.1 percent

to 25.5 percent) and 27 percent (4.8 percent to 3.5 percent), respectively, since 2016.

Large differences are also present across states, with smoking prevalence 4.5 times higher in West Virginia (33.6 percent) than Utah (7.4 percent). And the gap has grown: In 2016, smoking was 4.1 times higher in West Virginia (33.6 percent) than California (8.2 percent).

Figure 9  
**Smoking among women by subpopulation**



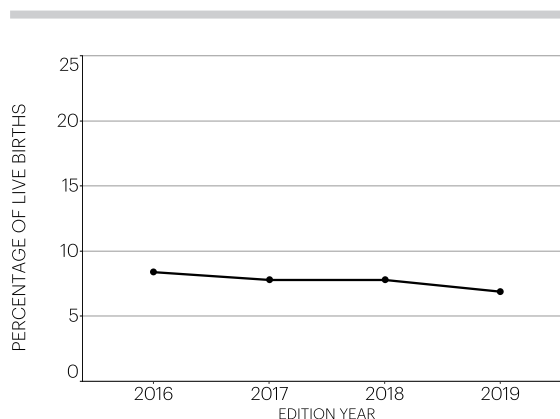
\* Non-Hispanic  
\*\* Women ages 25 and older

## Tobacco use down among pregnant women, disparities across states

Tobacco use among pregnant women decreased 12 percent in the past year from 7.8 percent to 6.9 percent (Figure 10), or 31,535 fewer mothers. Decreases were seen in all states. The largest declines occurred in Maine and North Dakota, both decreasing 2.5 percentage points. Despite these improvements, the geographic variation is astounding; tobacco use during pregnancy is 17.6 times higher in West Virginia (24.7 percent) than California (1.4 percent). The ratio between these two states has grown wider since 2016.

According to CDC's Division of Reproductive Health, smoking during pregnancy increases the risk of abnormal bleeding during pregnancy and delivery and health problems in infants including preterm birth, low birthweight, birth defects of the mouth and lip, sudden infant death syndrome and damage to developing lungs and brain. Other research shows it is associated with miscarriage<sup>7</sup> and ectopic pregnancy.<sup>8</sup>

Figure 10  
Tobacco use during pregnancy, 2016-2019



DEFINITION

Percentage of mothers who used tobacco during pregnancy (does not include e-cigarette use)

### DISPARITIES

#### TOBACCO USE among pregnant women



▲ 17.6x

higher in **West Virginia** (24.7%)  
than **California** (1.4%)

## Tobacco use down among youth, with disparities across states

Tobacco use among youth ages 12-17 decreased 31 percent since 2016 from 7.4 percent to 5.1 percent (Figure 11). It decreased significantly in 18 states shown in green in Figure 12. Despite these improvements, large geographic variation

DEFINITION

Percentage of children ages 12-17 who used a tobacco product in the past month (does not include e-cigarette use) (2-year estimate)

According to CDC's Office on Smoking and Health, nearly nine in 10 cigarette smokers have their first cigarette by age 18. A report from the Surgeon General estimates that 5.6 million Americans who are 17 or younger today will die early from diseases caused by long-term tobacco use.

Edition Year	Percentage of Children Ages 12-17
2016	7.5
2017	6.5
2018	5.5
2019	5.0

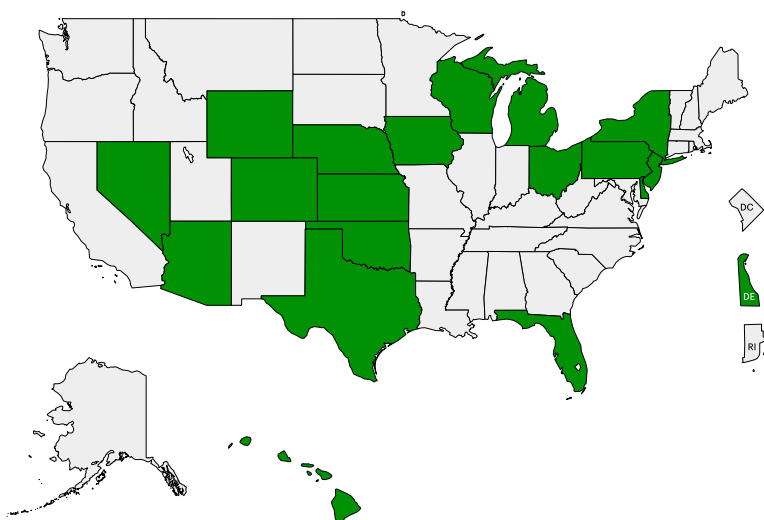
## TOBACCO USE among youth ages 12-17



▲ 2.8x

higher in **Kentucky** (9.6%)  
than **Hawaii** (3.4%)

■ no significant change ■ significant decrease



## Advances in clinical care measures

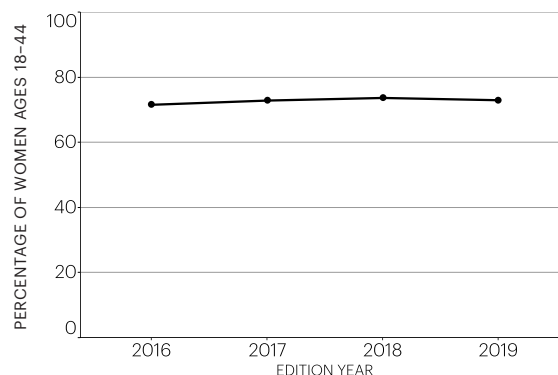
### CLINICAL CARE

#### The percentage of women with a dedicated health care provider up, with widespread disparities

The percentage of women ages 18-44 with a dedicated health care provider increased 2 percent since 2016 from 71.6 percent to 73.0 percent (Figure 13), an increase of nearly 1.6 million women. Significant increases in the percentage of women who reported having a dedicated health care provider occurred in five states (Figure 14), while two states experienced significant decreases. The largest increases occurred in North Carolina and West Virginia, both increasing 8 percent. Delaware had the largest decline, dropping 10 percent.

Having a dedicated health care provider is associated with greater use of preventive services,<sup>9</sup> lower health care costs,<sup>10</sup> fewer hospitalizations and emergency room visits,<sup>11</sup> and better management of chronic conditions such as high blood pressure<sup>12</sup> and high cholesterol.<sup>13</sup> Women ages 20-64 who have a dedicated provider are about four times more likely to receive a clinical breast exam and cervical cancer screening.<sup>9</sup> Those without one are more likely to have unmet health care needs.<sup>14</sup>

Figure 13  
Dedicated health care provider among women, 2016-2019



#### DEFINITION

Percentage of women ages 18-44 who reported having one or more people they think of as their personal doctor or health care provider (2-year estimate)

### DISPARITIES

#### DEDICATED HEALTH CARE PROVIDER among women ages 18-44



▲ 1.3x

higher among **white** (77.8%)  
than **Hispanic** (59.7%) women



▲ 1.4x

higher among **college graduates** (81.3%)  
than those with **less than a high school education** (58.5%)

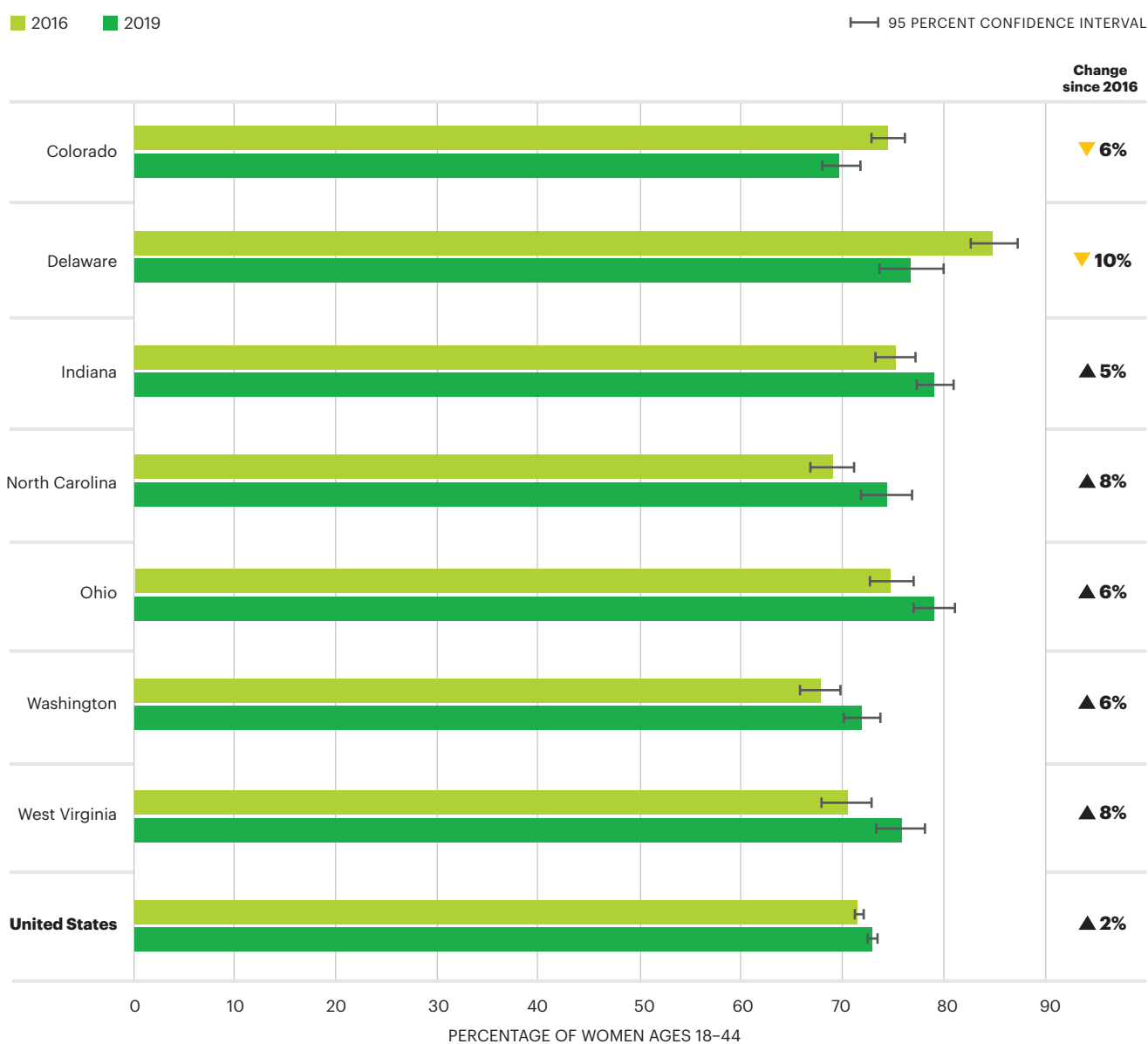


▲ 1.4x

higher in **Maine** (87.5%)  
than **Nevada** (60.8%)

Figure 14

### States with significant increases and decreases in dedicated health care provider among women between 2016 and 2019



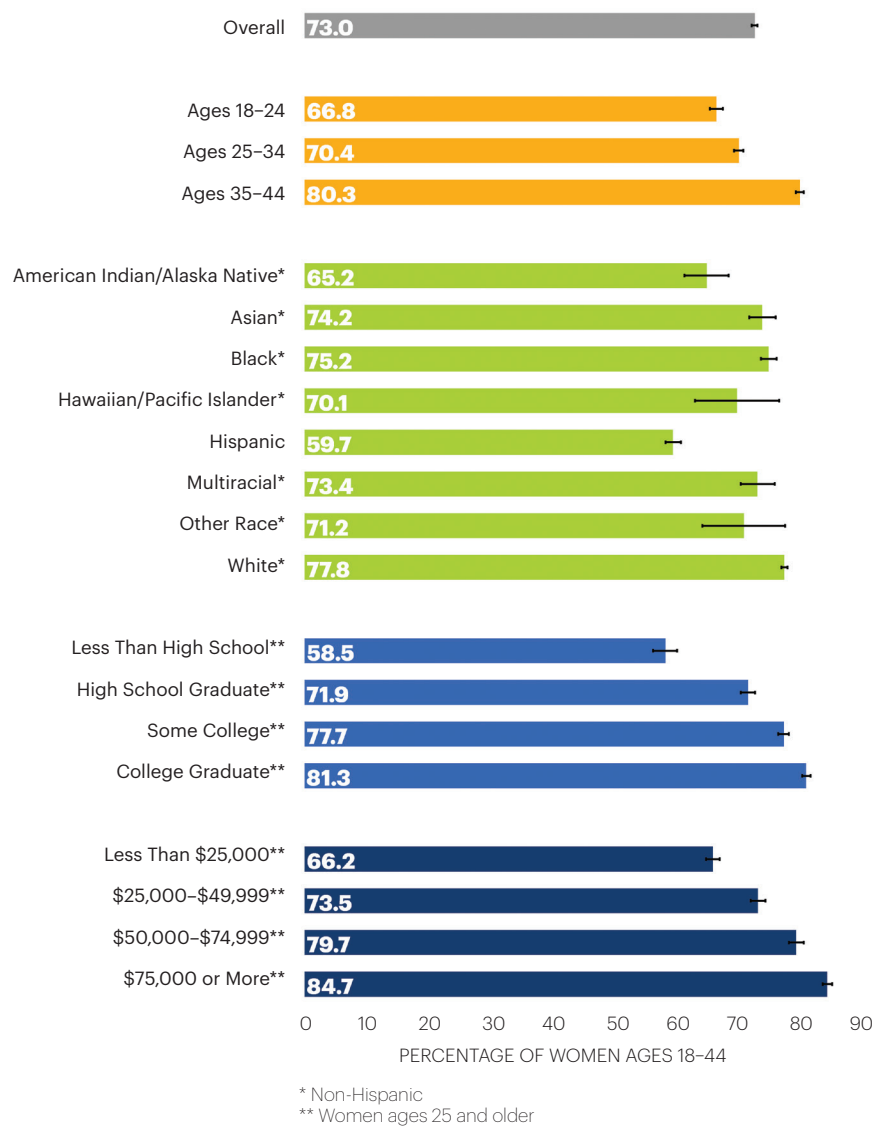


### Disparities and geographic variation

Disparities in the percentage of women with a dedicated health care provider are present by age group, race/ethnicity, education and income (Figure 15) as well as across states. The percentage of women ages 18-44 with a dedicated health care provider is 1.4 times

higher among college graduates (81.3 percent) than those with less than a high school education (58.5 percent). This gap, however, has shrunk due to an 8 percent increase among women with less than a high school education (54.3 percent to 58.5 percent) since 2016.

Figure 15  
Dedicated health care provider among women by subpopulation



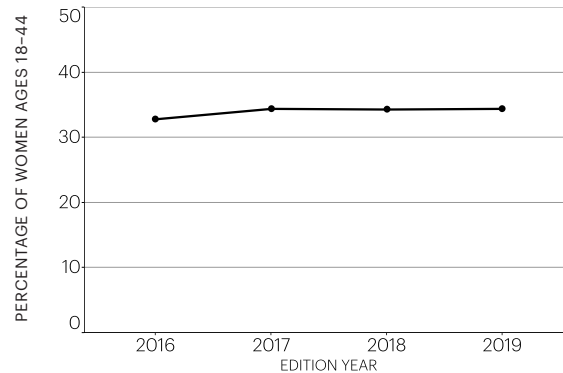
### Flu vaccination up among women, with widespread disparities

Flu vaccination coverage among women ages 18-44 increased 5 percent since 2016 from 32.8 percent to 34.4 percent (Figure 16), an increase of nearly 1.3 million women. Since 2016, flu vaccination coverage increased significantly in Florida from 20.7 percent to 27.4 percent and decreased significantly in Louisiana from 35.3 percent to 28.0 percent.

According to CDC, pregnant women are at greater risk of severe illness and hospitalization from the flu. Among pregnant women, the flu shot reduced risk of being hospitalized with flu by an average of 40 percent in 2018. Flu vaccination in the 2017-2018 flu season prevented an estimated 7 million illnesses and more than 100,000 influenza-related hospitalizations.

Figure 16

Flu vaccination among women, 2016-2019



DEFINITION

Percentage of women ages 18-44 who received the flu vaccine in the last year (2-year estimate)

#### DISPARITIES

##### FLU VACCINATION among women ages 18-44



▲ 1.5x

higher among **Asian** (43.8%) than **black** (29.1%) women



▲ 1.6x

higher among **college graduates** (44.2%) than those with **less than a high school education** (28.5%) and **high school graduates** (27.8%)



▲ 1.8x

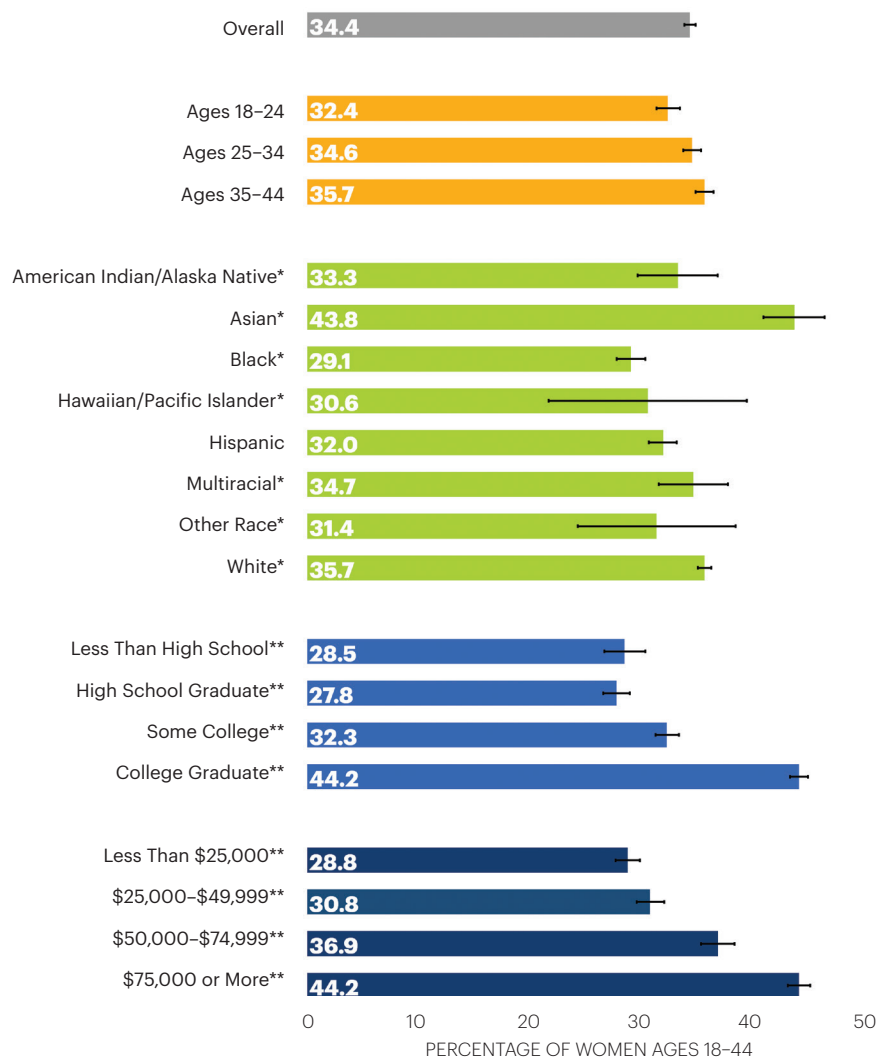
higher in **South Dakota** (48.7%) than **Nevada** (26.5%)

### Disparities and geographic variation

Disparities in flu vaccination among women ages 18-44 are present across age groups, race/ethnicity, education and income (Figure 17) and across states. Some groups have

made significant improvements. Since 2016, flu vaccination has increased 12 percent among women ages 18-24 (28.9 percent to 32.4 percent) and 10 percent among Hispanic women (29.1 percent to 32.0 percent).

Figure 17  
**Flu vaccination among women by subpopulation**



\* Non-Hispanic

\*\* Women ages 25 and older

### HPV immunization up among teenage males, disparities across states and by race/ethnicity and poverty status

HPV immunization among males ages 13-17 increased 18 percent in the past year from 37.5 percent to 44.3 percent (Figure 18). Significant increases occurred in two states, Montana at 72 percent (27.9 percent to 48.1 percent) and Texas at 36 percent (26.5 percent to 36.0 percent). National male HPV immunization coverage is now within 10 percentage points of female coverage (53.1 percent).

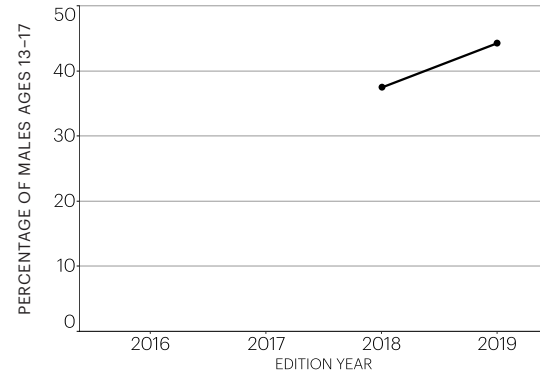
According to CDC, human papillomavirus (HPV) is the most common sexually transmitted infection, affecting nearly all sexually active men and women. It can cause genital warts and certain cancers. HPV vaccination could prevent more than 90 percent of these cancers from developing.

#### Disparities and geographic variation

There are disparities in HPV immunization among males ages 13-17 across race/ethnicity, poverty

Figure 18

**HPV immunization among teen males, 2018-2019**



#### DEFINITION

Percentage of males ages 13-17 who are up-to-date on all recommended doses of human papillomavirus (HPV) vaccine

status (Figure 19) and across states. A higher percentage of males living below poverty (49.5 percent) received recommended doses of HPV vaccine than those above poverty (41.7 percent).

#### DISPARITIES

##### HPV VACCINATION among males ages 13-17



**▲ 1.4x**

higher among **Hispanic** (54.6%) than **white** (40.2%) males

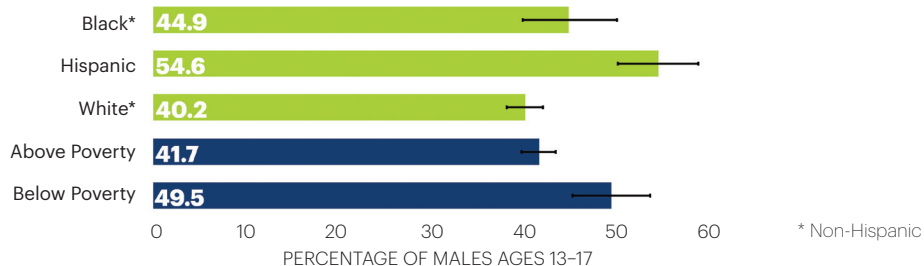


**▲ 3.4x**

higher in **Rhode Island** (78.4%) than **Mississippi** (23.4%)

Figure 19

**HPV immunization among teen males by subpopulation**



## Meningococcal immunization up among teens, with no differences by race/ethnicity or poverty status

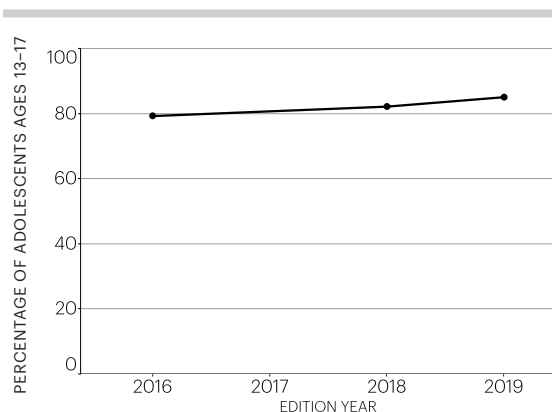
Meningococcal immunization coverage among teens ages 13-17 increased 7 percent since 2016 from 79.3 percent to 85.1 percent (Figure 20). Since 2016, significant increases occurred in 11 states shown in green in Figure 21.

Meningococcal disease is a potentially life-threatening illness caused by *Neisseria meningitidis*, the leading cause of bacterial meningitis in the nation. According to CDC, meningococcal disease is spread from person-to-person among those with close contact. The CDC recommends this vaccine for all children ages 11 or 12, with a booster shot at age 16 to protect against the period of increased risk from ages 16-21.

### Disparities and geographic variation

There are no significant differences by race/ethnicity or poverty status (Figure 22), although differences exist across states. In Georgia, 95.3 percent of teens received the meningococcal vaccine compared with 90.7 percent in Wyoming. Meningococcal immunization increased significantly among white teens in the past year, from 81.2 percent to 84.6 percent, as well as teens living above the poverty level, from 82.0 percent to 84.8 percent.

Figure 20  
**Meningococcal immunization among teens, 2016-2019**



#### DEFINITION

Percentage of adolescents ages 13-17 who received one or more doses of meningococcal conjugate (MenACWY) vaccine

Figure 21

### Map of states with increases in meningococcal immunization between 2016 and 2019

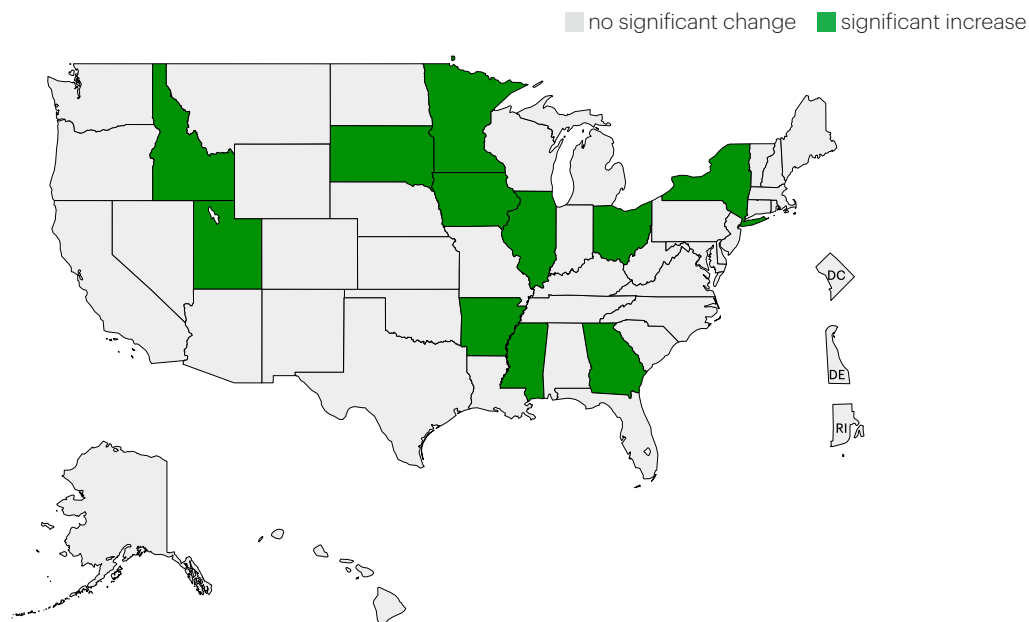
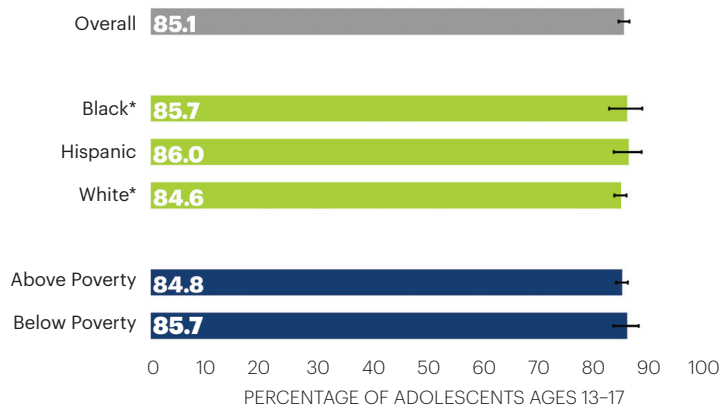


Figure 22

### Meningococcal immunization among teens by subpopulation



\* Non-Hispanic

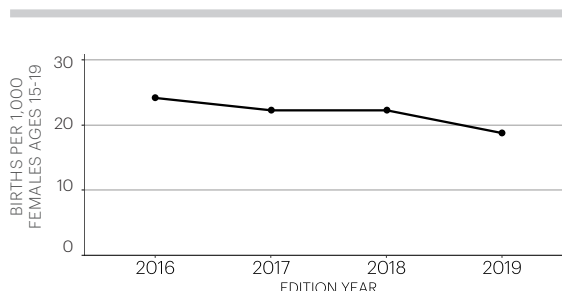
## Teen births down, disparities across states

### TEEN BIRTHS

Teen births decreased 22 percent since 2016 from 24.2 to 18.8 births per 1,000 females ages 15-19 (Figure 23). Teen births have decreased in all states since 2016. Figure 24 shows the five states with the largest and smallest decreases. Texas had the largest drop from 37.8 to 27.6 births per 1,000 females, and Delaware had the smallest drop from 20.7 to 18.5 births per 1,000 females. States with large decreases had the highest rates. Despite improvements over the past three years, there is variation across states; teen births are 4.0 times higher in Arkansas (32.8 births per 1,000) than Massachusetts (8.1 births per 1,000).

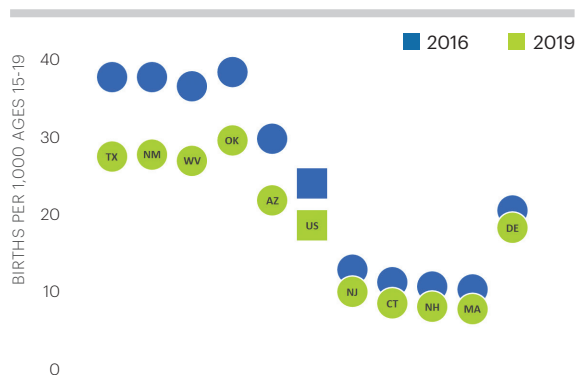
According to Planned Parenthood, teenage mothers are more likely to experience maternal illness, miscarriage, stillbirth and neonatal death. Teen mothers are also significantly more likely to drop out of high school and face unemployment. Children born to teen mothers are more likely to have worse educational, behavioral and health outcomes than children born to older parents, according to CDC.

Figure 23  
Teen births among females, 2016-2019



DEFINITION  
Number of births per 1,000 females ages 15-19

Figure 24  
Teen births, largest and smallest state improvements between 2016 and 2019



States with the largest rate decreases in teen births relative to the United States are to the left, and states with the smallest decreases are to the right.

### DISPARITIES

#### TEEN BIRTHS among females ages 15-19



▲4.0x

higher in **Arkansas** (32.8 births per 1,000) than **Massachusetts** (8.1)

# Challenges

**Adverse health behaviors up among women; no progress made addressing low birthweight; and child mortality, teen suicide and drug deaths among women up**

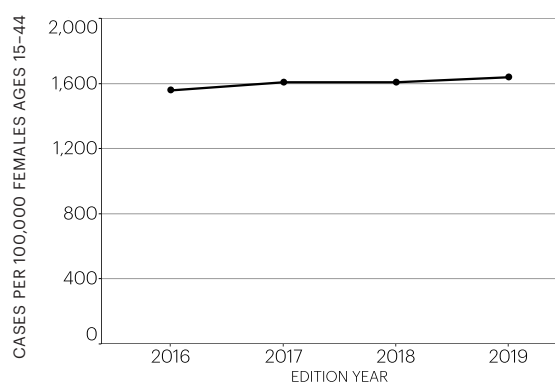
## BEHAVIORS

### Chlamydia up among women with disparities across states and by race/ethnicity

Chlamydia incidence, a proxy for risky sexual activity, increased 2 percent since 2018 among females ages 15-44 from 1,609.0 to 1,639.8 new cases per 100,000 females and increased 5 percent since 2016 (from 1,559.0) (Figure 25). There were 61,822 more cases in 2019 than in 2016. Chlamydia has increased in 40 states and D.C. since 2016. Figure 26 shows the five states with the largest increases and the seven states with the largest decreases in chlamydia incidence since 2016. Delaware had the largest increase (306.0 more new cases per 100,000 females ages 15-44) and Alabama saw the largest drop (406.4 fewer new cases per 100,000 females ages 15-44).

Chlamydia is the most commonly reported sexually transmitted infection, with more than

Figure 25  
**Chlamydia among women, 2016-2019**



**DEFINITION**  
Number of new cases of chlamydia per 100,000 females ages 15-44

## DISPARITIES

### CHLAMYDIA INCIDENCE among females



**▲ 10.2x**

higher among **black** (3,320.3 cases per 100,000) than **Asian** (325.8) females



**▲ 2.8x**

higher in **Alaska** (2,497.4 cases per 100,000) than **Utah** (906.1)

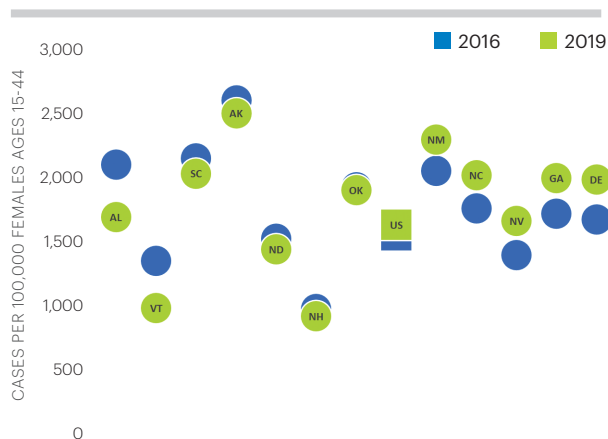


1.7 million cases of chlamydia reported to the CDC in 2017. While women usually have no symptoms, chlamydial infections can cause permanent damage to reproductive organs. According to CDC, chlamydia in pregnant women can result in negative health outcomes for the baby, including premature delivery, low birthweight, eye infection and pneumonia.

### Disparities and geographic variation

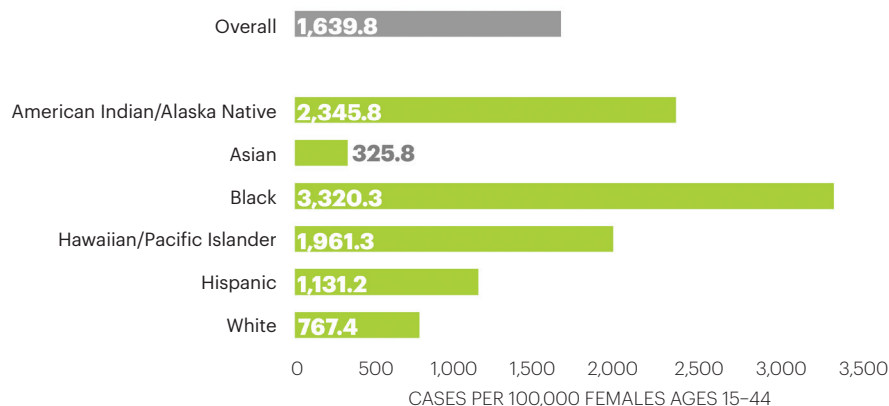
There are large disparities by race/ethnicity and across states. Chlamydia incidence among females ages 15-44 is 10.2 times higher among black (3,320.3) than Asian (325.8) females (Figure 27).

Figure 26  
**Chlamydia, largest state improvements and declines between 2016 and 2019**



States with the largest rate decreases in chlamydia relative to the United States are to the left, and states with the largest increases are to the right.

Figure 27  
**Chlamydia among females by subpopulation**

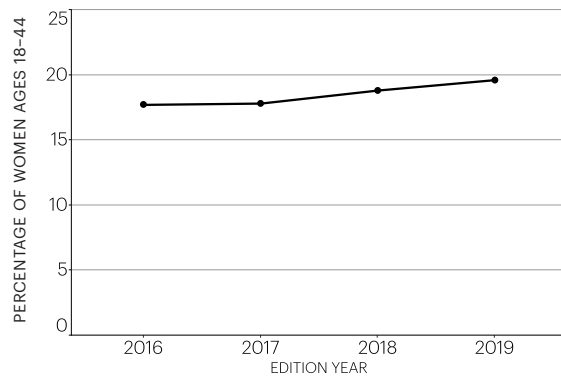


### Excessive drinking up among women, with widespread disparities

Excessive drinking increased 11 percent since 2016 from 17.7 percent to 19.6 percent of women ages 18-44, an increase of nearly 1.2 million women (Figure 28). Six states had significant increases in excessive drinking (Figure 29). The largest increase occurred in Tennessee, increasing 50 percent.

According to the National Institute on Alcohol Abuse and Alcoholism, excessive drinking is the third leading cause of preventable death in the nation; an estimated 26,000 women die annually from alcohol-related causes. Excessive alcohol consumption is associated with increased risk of liver and heart disease, breast cancer and high blood pressure,<sup>15</sup> and it is detrimental to mother and infant health. CDC notes, however, that most who drink in excess do not have an alcohol use disorder.

Figure 28  
Excessive drinking among women, 2016-2019



#### DEFINITION

Percentage of women ages 18-44 who reported either binge drinking (having four or more drinks on one occasion in the past 30 days) or chronic drinking (having eight or more drinks per week) (2-year estimate)

#### DISPARITIES

##### EXCESSIVE DRINKING among women ages 18-44



▲2.0x

higher among **multiracial** (24.7%) than **Asian** (12.4%) women



▲2.1x

higher among **college graduates** (21.2%) than those with **less than a high school education** (9.9%)

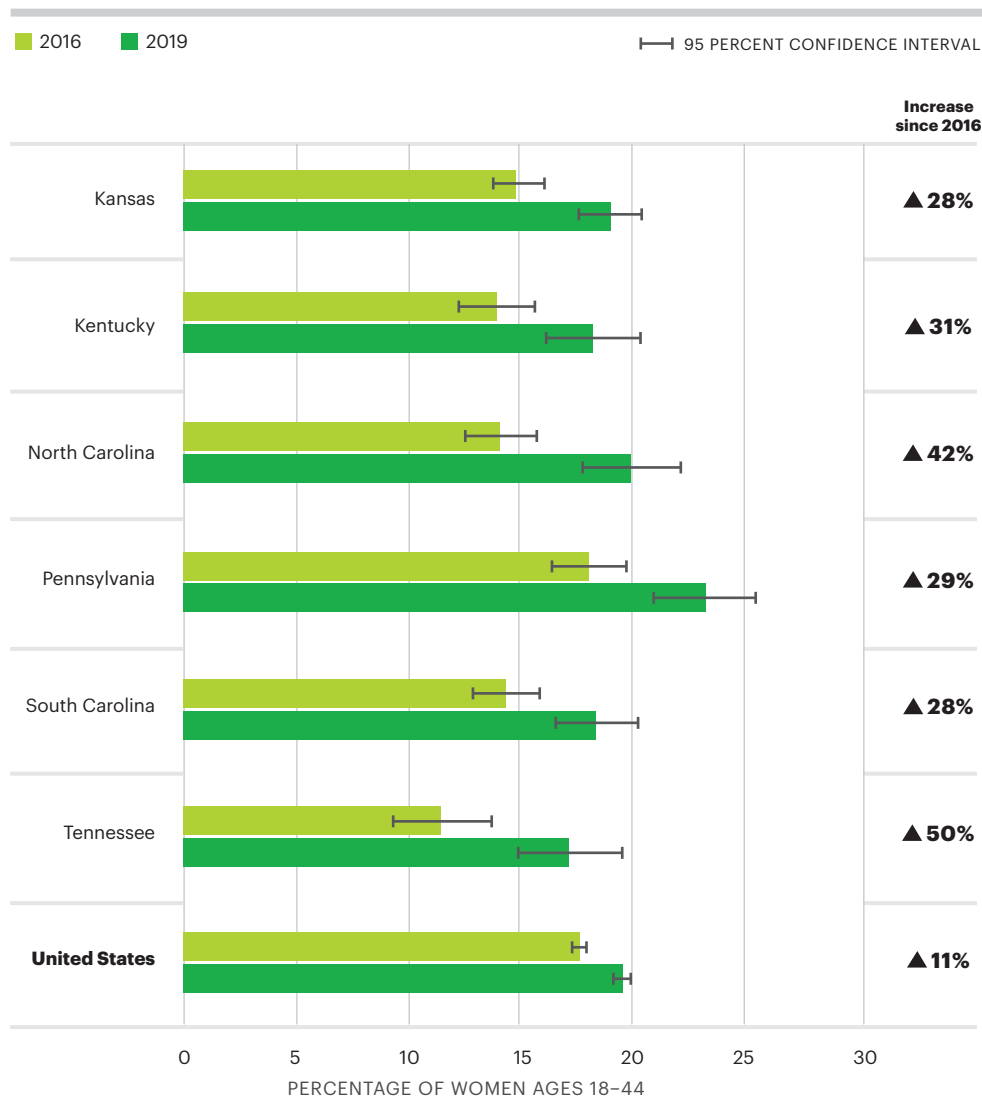


▲2.2x

higher in **Wisconsin** and **North Dakota** (both 26.8%) than **West Virginia** (12.2%)

Figure 29

### States with increases in excessive drinking among women between 2016 and 2019

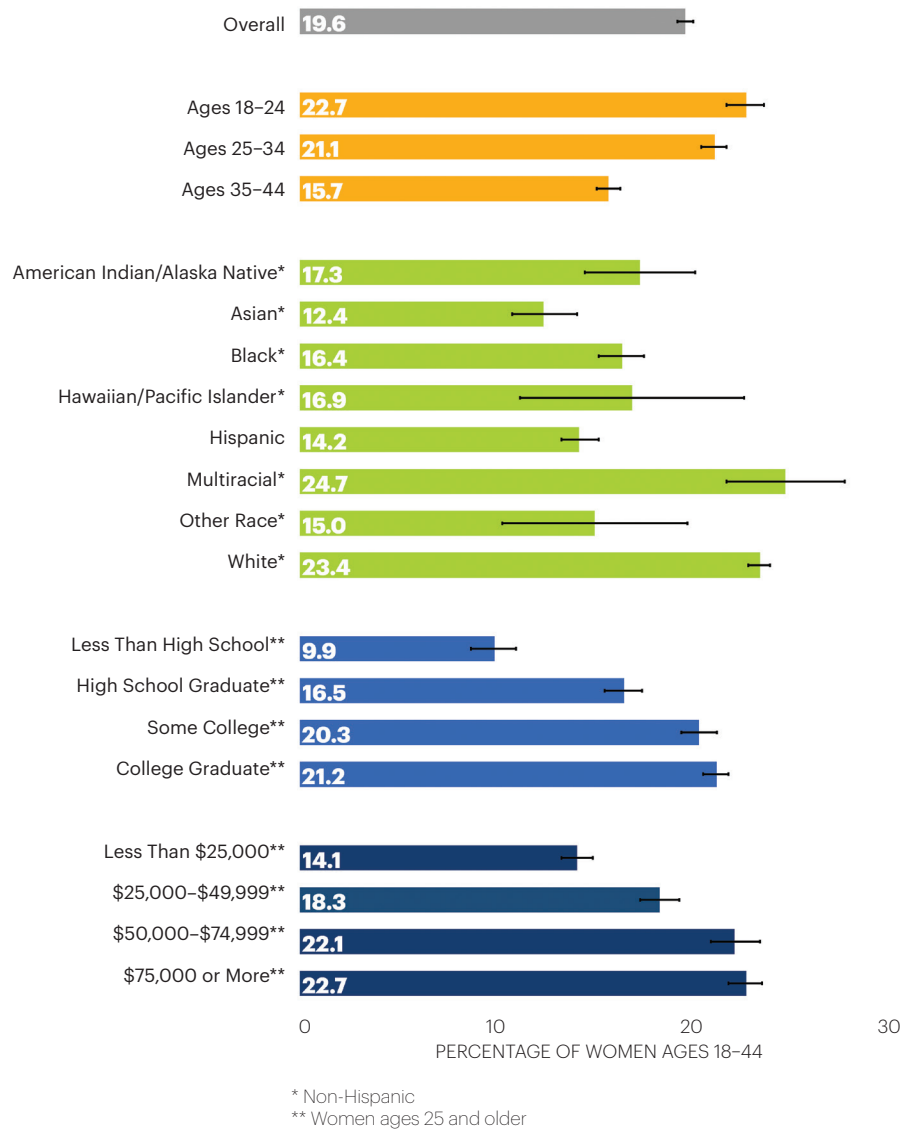


### Disparities and geographic variation

There are significant differences in excessive drinking among women ages 18-44 by age group, race/ethnicity, education, income (Figure 30) and across states. Since 2016, excessive drinking increased significantly among women ages 35-44 (13.6 percent to 15.7 percent). Significant increases also occurred during the same time

frame among black (13.5 percent to 16.4 percent) and white (20.8 percent to 23.4 percent) women, those with some college (16.6 percent to 20.3 percent) and college graduates (19.8 percent to 21.2 percent), those with annual household incomes of \$50,000-\$74,999 (18.2 percent to 22.1 percent) and \$75,000 or more (20.1 percent to 22.7 percent).

Figure 30  
**Excessive drinking among women by subpopulation**

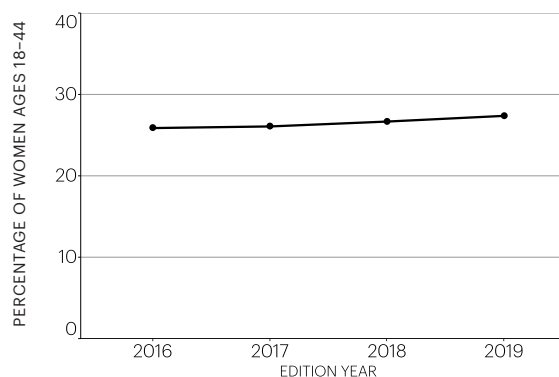


## Obesity up among women of reproductive age, with widespread disparities

Obesity among women ages 18-44 increased 6 percent since 2016 from 25.9 percent to 27.4 percent (Figure 31). The only state with a significant change since 2016 was Nebraska, where obesity increased 16 percent (25.8 percent to 29.8 percent).

According to CDC, adults with obesity are more likely to have decreased quality of life and an increased risk of serious health conditions. Obesity impacts reproductive health; it is associated with reduced fertility and contraception effectiveness.<sup>16</sup> Obesity can have a negative effect on mother and infant health by contributing to gestational hypertension and diabetes; birth complications (preeclampsia, C-section and postpartum hemorrhage);<sup>16</sup> miscarriage; stillbirth; and neonatal mortality.<sup>17</sup>

Figure 31  
**Obesity among women, 2016-2019**



### DEFINITION

Percentage of women ages 18-44 with a body mass index of 30.0 or higher based on reported height and weight (2-year estimate)

### DISPARITIES

#### OBESITY among women 18-44



▲ **4.7x**

higher among **American Indian/Alaska Native** (42.9%) than **Asian** (9.1%) women



▲ **2.1x**

higher among those with **less than a high school education** (41.0%) than **college graduates** (20.0%)



▲ **2.2x**

higher in **Arkansas** (40.2%) than **Massachusetts** (18.5%)

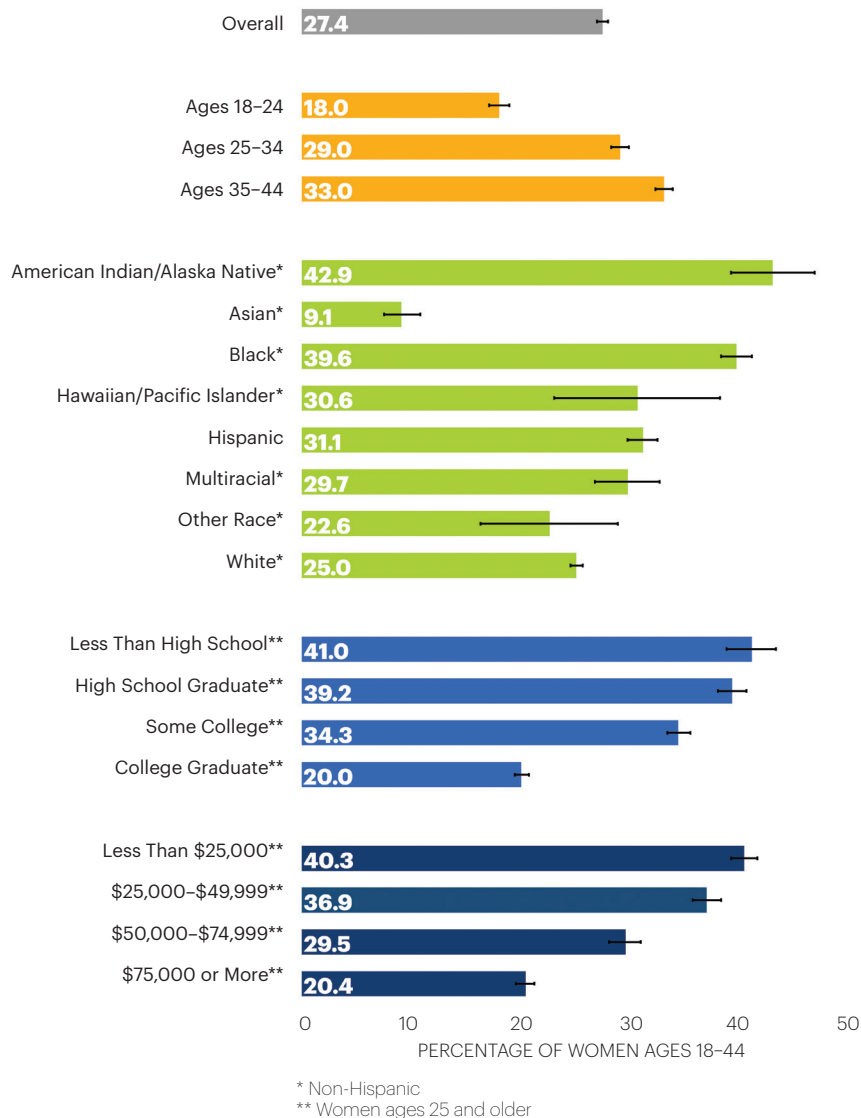
### Disparities and geographic variation

There are significant differences in obesity prevalence among women ages 18-44 by age group, race/ethnicity, education, income (Figure 32) and across states. Since 2016, the prevalence of obesity increased significantly among women ages 18-24 (16.0 percent to 18.0 percent), American/Alaska Native (32.5 percent

to 42.9 percent) and white (23.3 percent to 25.0 percent) women, and high school (36.2 percent to 39.2 percent) and college (18.2 percent to 20.0 percent) graduates. Obesity increased significantly across all annual household income levels except among women making less than \$25,000, who have the highest prevalence of all income groups at 40.3 percent.

Figure 32

### Obesity among women by subpopulation



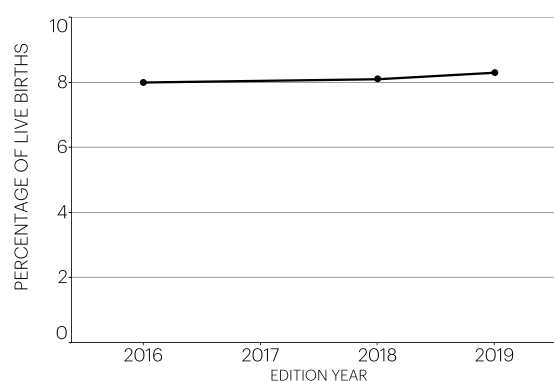
## No progress addressing low birthweight, with widespread disparities

### LOW BIRTHWEIGHT

Low birthweight increased 2 percent since 2016 from 8.1 percent to 8.3 percent of live births (Figure 33). Since 2016, the largest increase occurred in Nebraska (+0.9 percent points), and the greatest decreases, though not substantial, occurred in Maine and Wyoming (both -0.5 percent points).

According to CDC's Division of Vital Statistics, low birthweight infants are at increased risk of infant mortality. Low birthweight is associated with multiple health conditions in infants and additional health problems during childhood and adulthood. The average hospital cost for a low birthweight infant is estimated to be \$27,200, compared with \$3,200 on average for all babies, according to the Agency for Health Care Research and Quality's Health Care Cost Utilization Project.

Figure 33  
Low birthweight, 2016-2019



DEFINITION  
Percentage of infants weighing less than 2,500 grams (5 pounds, 8 ounces) at birth

### DISPARITIES

#### LOW BIRTHWEIGHT



▲2.0x

higher among **black** (13.7%)  
than **white** (7.0%) women



▲1.9x

higher in **Mississippi** (11.6%)  
than **Alaska** (6.2%)

# Challenges

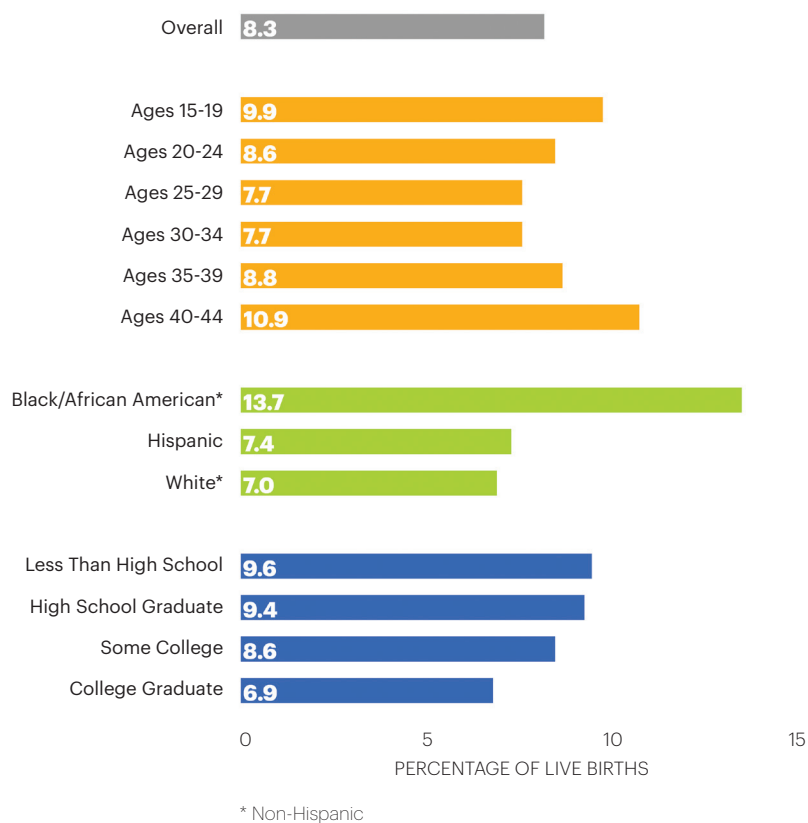
## LOW BIRTHWEIGHT

### Disparities and geographic variation

The percentage of mothers with a low birthweight infant differs by maternal age group, race/ethnicity, education (Figure 34) and across states. The percentage

of mothers with low birthweight babies is 1.4 times higher among mothers ages 40-44 (10.9 percent) than younger mothers (mothers ages 25-29 and 30-34, both 7.7 percent).

Figure 34  
**Low birthweight by subpopulation**





## Child mortality, teen suicide and drug deaths among women of reproductive age up

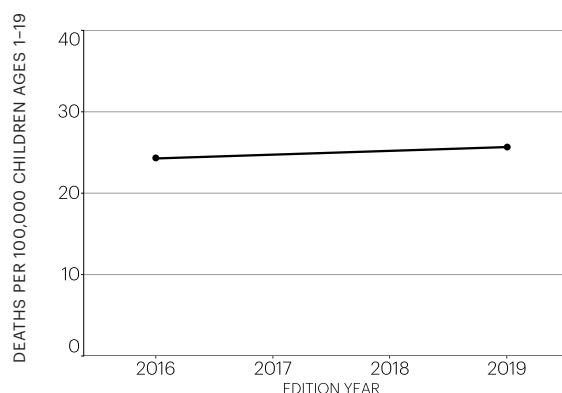
### MORTALITY RATES

#### Child mortality up with disparities across states and by age group, gender and race/ethnicity

Child mortality increased 6 percent since 2016 from 24.3 to 25.7 deaths per 100,000 children (Figure 35). Eight states experienced significant increases since 2016 (Figure 36), notably Alaska with a 37 percent increase (33.1 to 45.4 deaths per 100,000).

According to Child Trends, child mortality had been declining since 1980, with rates among children ages 1-4 and 5-14 declining until 2017. Death rates for teens ages 15-19 declined from 1980 to 2013. CDC's Division of Vital Statistics reported there were 20,337 deaths among children ages 1-19 in 2017. Among children and adolescents, motor vehicle crashes are the leading cause of death, followed by firearm-related injuries and cancer, according to a recent study.<sup>18</sup>

Figure 35  
Child mortality, 2016-2019



#### DEFINITION

Age-adjusted number of deaths per 100,000 children ages 1-19 (3-year estimate)

### DISPARITIES

#### CHILD MORTALITY



▲3.0x

higher among **American Indian/Alaska Native** (46.9 deaths per 100,000) than **Asian** (15.4) children



▲2.8x

higher in **Alaska** (45.4 deaths per 100,000) than **Connecticut** (16.3)

# Challenges

## MORTALITY RATES

Figure 36

### States with increases in child mortality between 2016 and 2019

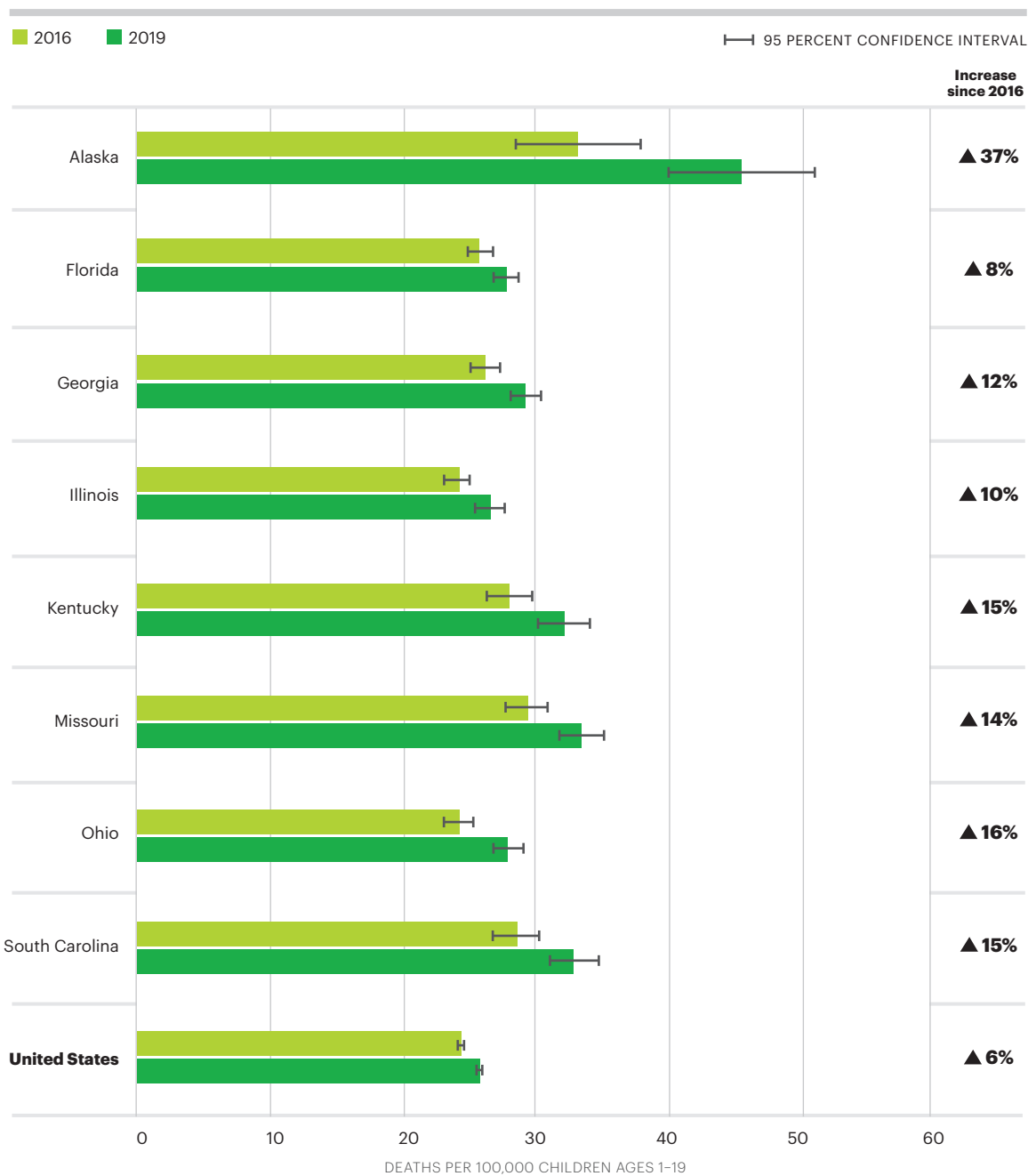
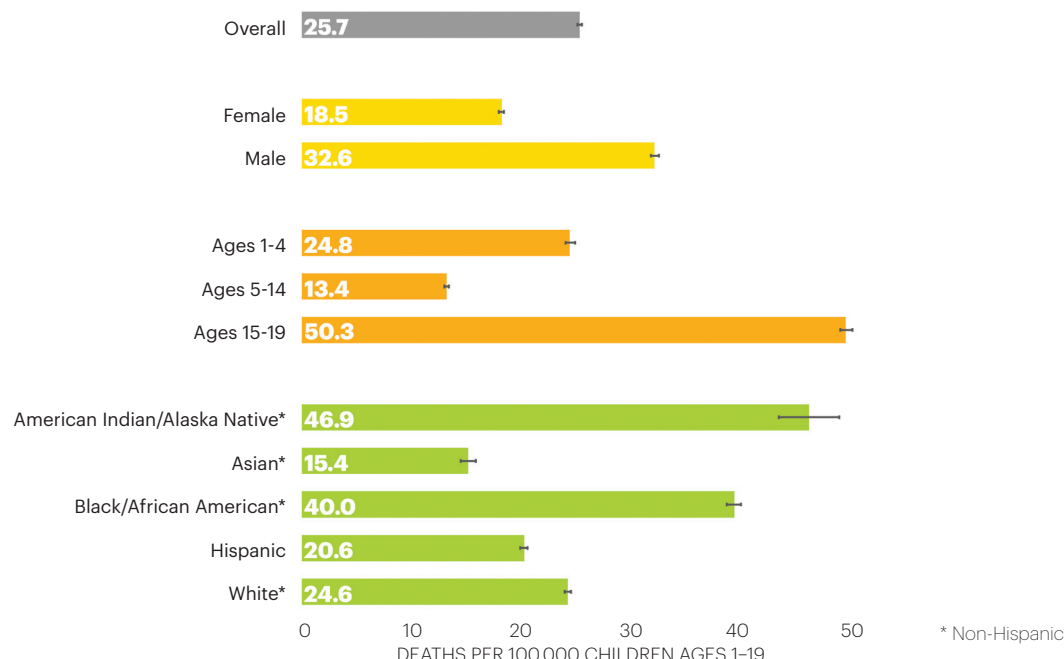


Figure 37  
**Child mortality by subpopulation**



### Disparities and geographic variation

Child mortality rates differ significantly by age group, gender and race/ethnicity (Figure 37) as well as across states. Child mortality rates are 3.8 times higher among children ages 15-19 (50.3 deaths per 100,000) than children ages 5-14 (13.4). Figure 38 shows this disparity has grown. Since 2016, there was no significant change in the rate among children ages 1-4, a 5 percent increase among children ages 5-14 (12.8 to 13.4 deaths per 100,000) and a 10 percent increase among children ages 15-19 (45.8 to 50.3 deaths per 100,000). The child mortality rate is 1.8 times higher among males than females. Both experienced significant increases since 2016, males from 30.7 to 32.6 deaths per 100,000 and females from 17.5 to 18.5 deaths per 100,000. Since 2016, child mortality increased 5 percent among white (23.5 to 24.6 deaths per 100,000) and Hispanic children (19.7 to 20.6 deaths per 100,000), and 11 percent among black children (36.1 to 40.0 deaths per 100,000) (Figure 39). Increases among Asian and American Indian/Alaska Native children were not significant due to large confidence intervals.

Figure 38  
**Child mortality by age group, 2016-2019**

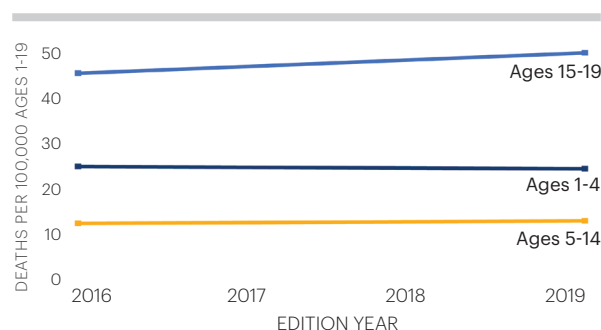
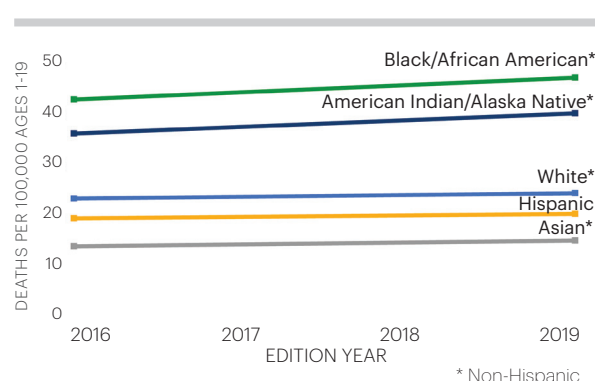


Figure 39  
**Child mortality by race/ethnicity, 2016-2019**



# Challenges

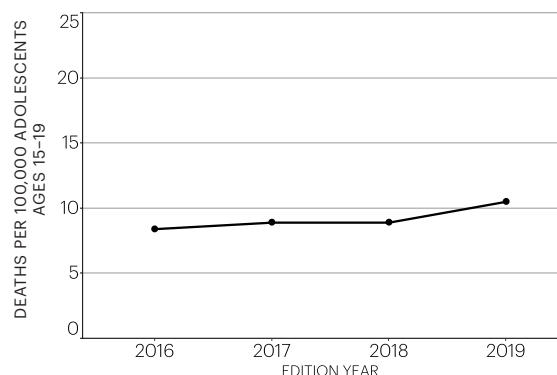
## MORTALITY RATES

### Teen suicide up with large disparities across states and by gender and race/ethnicity

Teen suicide increased 25 percent since 2016 from 8.4 to 10.5 deaths per 100,000 teens ages 15-19 (Figure 40). Since 2016, significant increases occurred in seven states (Figure 41). The largest increase occurred in Colorado, increasing 58 percent.

According to CDC's Division of Violence Prevention, suicide was the second leading cause of death among teens ages 15-19 in 2016. Far more adolescents have suicidal thoughts or attempt suicide and survive than those who die by suicide. Results from the 2017 Youth Behavioral Risk Factor Surveillance System show that in the past year 17.2 percent of high school students seriously considered attempting suicide and 7.4 percent attempted suicide.

Figure 40  
Teen suicide, 2016-2019



#### DEFINITION

Number of deaths by suicide per 100,000 adolescents ages 15-19 (3-year estimate)

#### DISPARITIES

##### TEEN SUICIDE RATE



▲ **4.5x**

higher among **American Indian/Alaska Native** (30.0 deaths per 100,000) than **black** (6.7) teens



▲ **7.3x**

higher in **Alaska** (35.7 deaths per 100,000) than **Rhode Island** (4.9)

Figure 41

### States with increases in teen suicide between 2016 and 2019

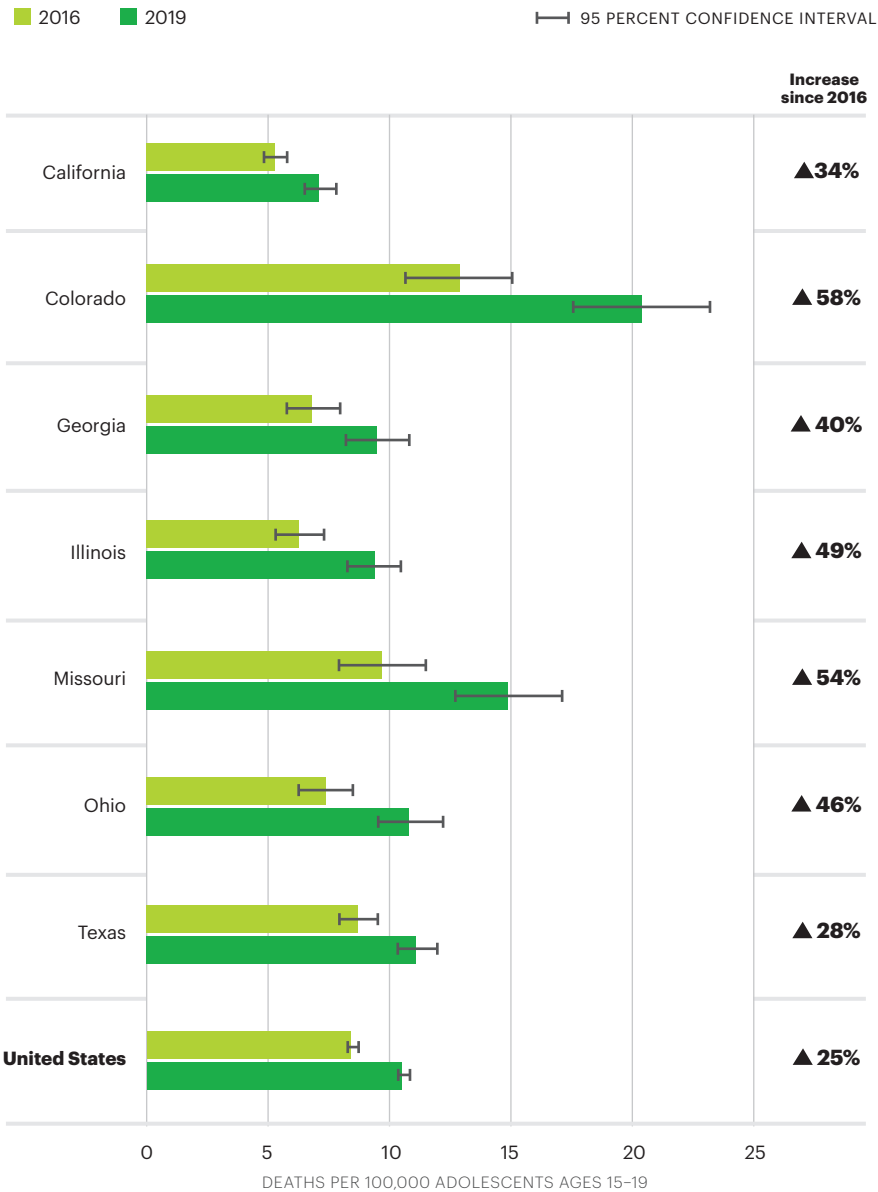
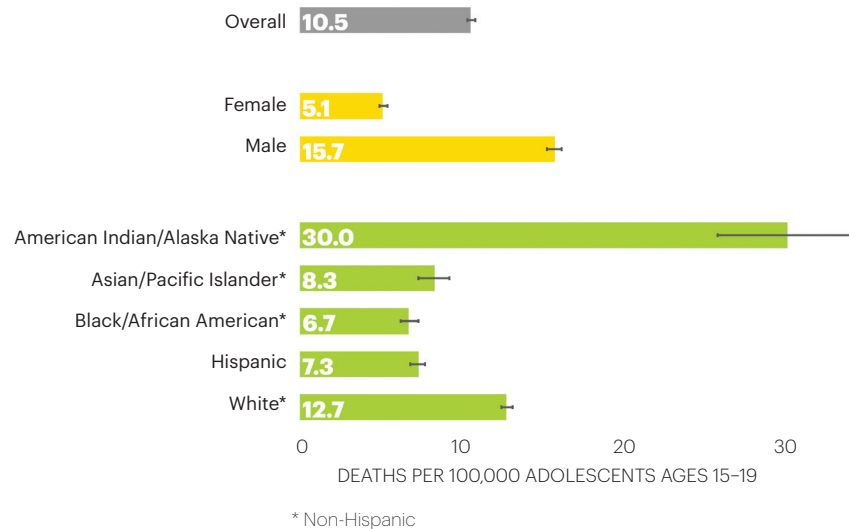


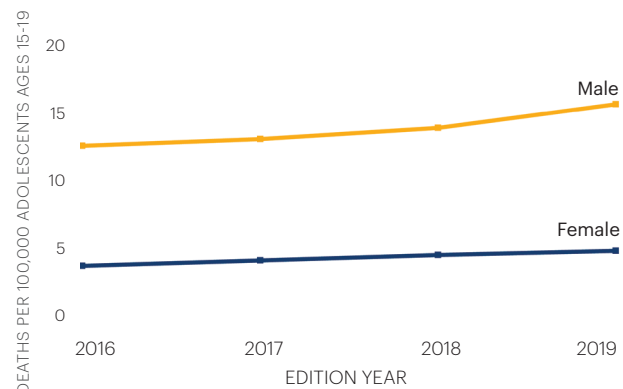
Figure 42  
**Teen suicide by subpopulation**



### Disparities and geographic variation

Teen suicide varies by gender, race/ethnicity (Figure 42) and across states. Teen suicide is 3.1 times higher among males (15.7 deaths per 100,000 teens) than females (5.1 deaths per 100,000 teens). Both significantly increased since 2016, with females increasing 28 percent (4.0 to 5.1 deaths per 100,000 teens) and males increasing 24 percent (12.7 to 15.7 deaths per 100,000 teens) (Figure 43). Teen suicide also increased significantly since 2016 among Hispanic (30 percent increase from 5.6 to 7.3 deaths per 100,000), black (46 percent increase from 4.6 to 6.7 deaths per 100,000) and white (37 percent increase from 9.3 to 12.7 deaths per 100,000) teens.

Figure 43  
**Teen suicide by gender, 2016-2019**

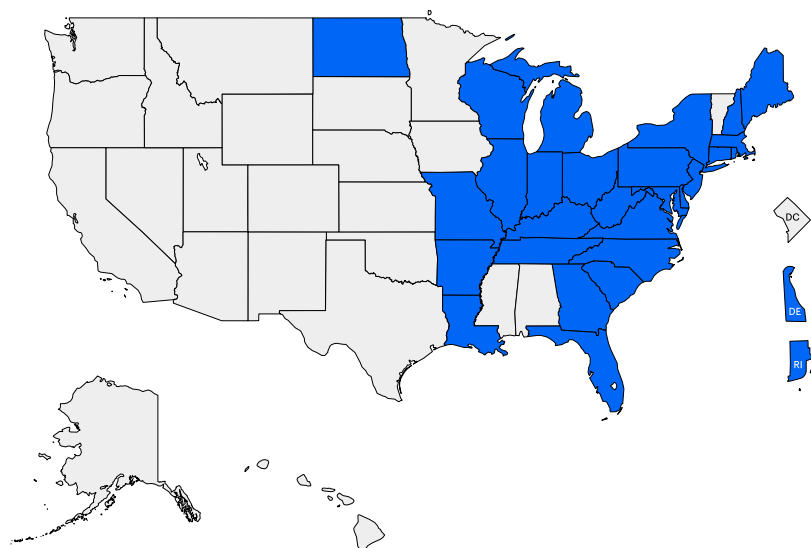


According to the U.S. Drug Enforcement Administration's 2018 National Drug Threat Report, drug overdose deaths have risen steadily in the United States over the past two decades and have become a leading cause of injury death. The alarming rise is fueled largely by an epidemic of opioid overdoses, accounting for nearly seven in 10 drug overdose deaths in 2017, reports CDC. According to the American College of Obstetricians and Gynecologists, drug use during pregnancy can result in the child developing neonatal abstinence syndrome as well as placental growth issues, preterm labor, miscarriage and stillbirths.

Edition Year	Deaths per 100,000 Females Ages 15-44
2016	12.0
2017	12.8
2018	14.5
2019	16.3

Age-adjusted number of deaths due to drug injury  
(unintentional, suicide, homicide or undetermined)  
per 100,000 females ages 15-44 (3-year estimate)

■ no significant change   ■ significant increase

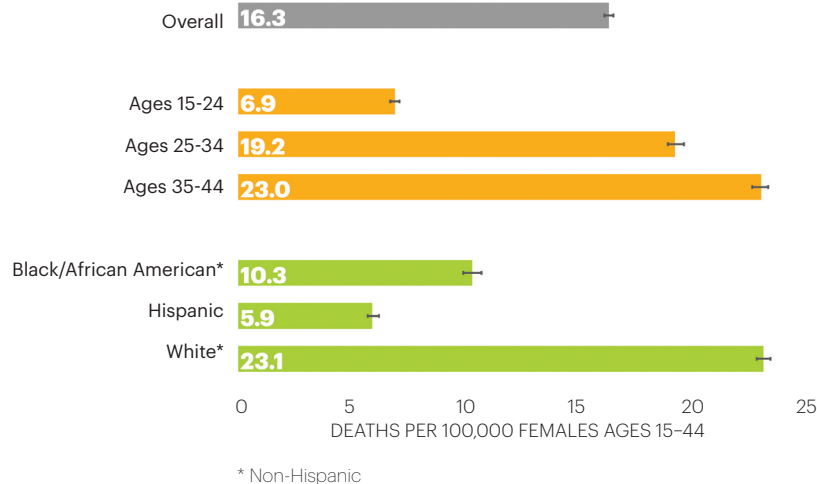


# Challenges

## MORTALITY RATES

Figure 46

### Drug deaths among females by subpopulation

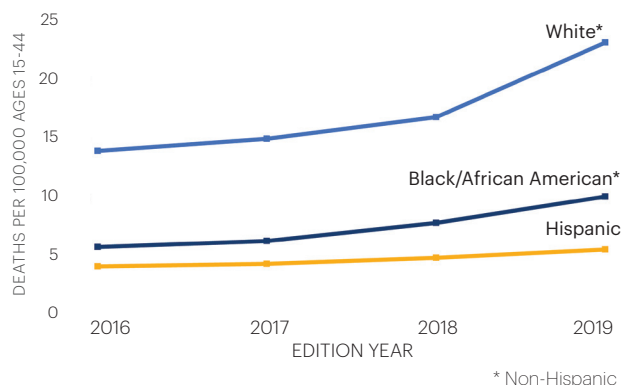


### Disparities and geographic variation

The drug death rate among women of reproductive age varies by age group, race/ethnicity (Figure 46) and across states. The rate is 3.3 times higher among females ages 35-44 (23.0 deaths per 100,000) than females ages 15-24 (6.9). The differences in drug death rates by race/ethnicity have increased since 2016 (Figure 47). Since 2016, drug deaths increased 69 percent among black (6.1 to 10.3 deaths per 100,000), 64 percent among white (14.1 to 23.1) and 31 percent among Hispanic (4.5 to 5.9) females.

Figure 47

### Drug deaths among females by race/ethnicity, 2016-2019



## DISPARITIES

### DRUG DEATH RATE among females ages 15-44



▲ 3.9x

higher among **white** (23.1 deaths per 100,000) than **Hispanic** (5.9) females



▲ 9.7x

higher in **West Virginia** (51.3 deaths per 100,000) than **Hawaii** (5.3)



## Maternal mortality a national concern

The United States has the highest maternal mortality rate of all developed countries and is the only industrialized nation with a rising rate.<sup>19</sup> According to CDC's Pregnancy Mortality Surveillance System, maternal mortality has increased dramatically in the United States since 1987, when surveillance was first implemented.

Nationally, the maternal mortality rate is 29.6 deaths per 100,000 live births. The estimates provided in this report are calculated using death certificate data. Estimates of maternal mortality released directly from states may differ.

### DEFINITION

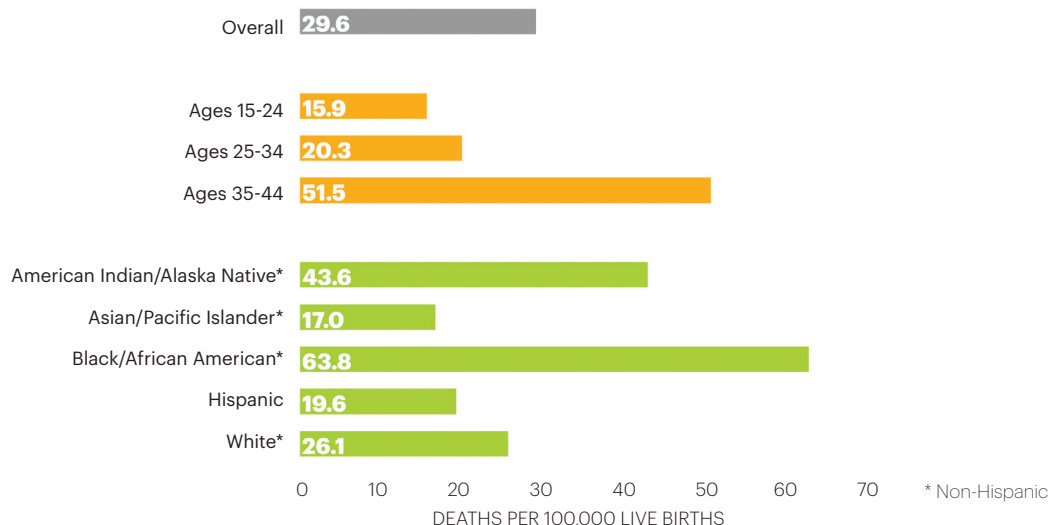
Number of deaths from any cause related to or aggravated by pregnancy or its management (excluding accidental or incidental causes) during pregnancy and childbirth or within one year of termination of pregnancy, irrespective of the duration and site of the pregnancy, per 100,000 births (5-year estimate)

## Disparities and geographic variation

Large differences in maternal mortality rates exist by race/ethnicity, maternal age group (Figure 48) and across states. Maternal mortality is 3.2 times higher among mothers ages 35-44 (51.5 deaths per 100,000 live births) than mothers ages 15-24 (15.9), 3.8 times higher among black (63.8) than Asian/Pacific Islander (17.0) mothers and 5.8 times higher in Louisiana (72.0) than Alaska (12.4).

Figure 48

### Maternal mortality by subpopulation



### DISPARITIES

#### MATERNAL MORTALITY



▲ **3.8x**

higher among **black** (63.8 deaths per 100,000 live births) than **Asian/Pacific Islander** (17.0) mothers



▲ **5.8x**

higher in **Louisiana** (72.0 deaths per 100,000 live births) than **Alaska** (12.4) mothers

# State Summaries

<b>2019 RANK</b>	<b>State</b>
45	Alabama
31	Alaska
37	Arizona
49	Arkansas
7	California
10	Colorado
5	Connecticut
21	Delaware
39	Florida
40	Georgia
14	Hawaii
22	Idaho
26	Illinois
35	Indiana
10	Iowa
25	Kansas
44	Kentucky
47	Louisiana
16	Maine
12	Maryland
2	Massachusetts
29	Michigan
6	Minnesota
50	Mississippi
37	Missouri
27	Montana
28	Nebraska
46	Nevada
3	New Hampshire
8	New Jersey
34	New Mexico
13	New York
30	North Carolina
15	North Dakota
32	Ohio
48	Oklahoma
20	Oregon
23	Pennsylvania
1	Rhode Island
36	South Carolina
23	South Dakota
41	Tennessee
43	Texas
9	Utah
4	Vermont
18	Virginia
17	Washington
42	West Virginia
19	Wisconsin
33	Wyoming

# Alabama

ALABAMA

**OVERALL  
RANK:  
45**


	2016	2018	2019
Women	34	43	42
Infants	47	48	47
Children	34	30	33
<b>Overall</b>	<b>44</b>	<b>46</b>	<b>45</b>

Annual Report Rank: **48**Senior Report Rank: **44**
**Strengths:**

- Low prevalence of excessive drinking among women
- Low cost of infant child care
- High percentage of high school graduation

**Challenges:**

- High prevalence of diabetes among women
- High infant mortality rate
- High prevalence of 2+ adverse childhood experiences

**State Health Department Website:**
[alabamapublichealth.gov](http://alabamapublichealth.gov)
**Highlights:**

- In the past year, the percentage of infants exclusively breastfed for six months increased 58% from 13.0% to 20.6%
- In the past year, HPV immunization among males ages 13-17 increased 36% from 24.7% to 33.7%
- In the past year, immunizations among children ages 19-35 months decreased 8% from 77.3% to 71.2%
- In the past three years, chlamydia decreased 19% from 2,103.1 to 1,696.7 cases per 100,000 females ages 15-44
- In the past three years, excessive drinking among women ages 18-44 increased 30% from 11.3% to 14.7%
- In the past three years, tobacco use during pregnancy decreased 11% from 10.8% to 9.6% of live births

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	42				
Infants	+	43				
Children	+++	30				
<b>Total</b>	+	42				
<b>Community &amp; Environment</b>						
Women	+	44				
Infants	++++	13				
Children	+	44				
<b>Total</b>	++	40				
<b>Policy</b>						
Women	+++	30				
Infants	+	44				
Children	+++++	2				
<b>Total</b>	+++	30				
<b>Clinical Care</b>						
Women	++	37				
Infants	+	44				
Children	+	41				
<b>Total</b>	+	43				
<b>Outcomes</b>						
Women	+	44				
Infants	+	49				
Children	+++	26				
<b>Total</b>	+	46				
<b>Overall</b>						
Women	+	42				
Infants	+	47				
Children	++	33				
<b>Total</b>	+	45				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,696.7	34	906.1
Excessive Drinking (% ages 18–44)	+++++	14.7	5	12.2
Obesity (% ages 18–44)	+	36.1	48	18.5
Physical Inactivity (% ages 18–44)	+	26.6	44	12.4
Smoking (% ages 18–44)	+	23.1	43	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	30.4	42	2.5
Food Insecurity (% of households)	+	16.3	46	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	37.5	27	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	3.7	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	88.7	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	31	12	63
Uninsured (% ages 19–44)	++	15.0	39	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	80.8	27	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	73.1	26	87.5
Dental Visit (% ages 18–44)	++	63.4	40	78.9
Flu Vaccination (% ages 18–44)	+	29.8	43	48.7
Well-Woman Visit (% ages 18–44)	+++	65.8	29	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	5.3	50	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	16.0	21	5.3
Maternal Mortality (deaths per 100,000 live births)	++	34.5	39	12.4
Postpartum Depression (% with a recent live birth)	*	19.9	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	40.0	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	20.6	45	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	52.9	*	25.8
Sleep Position (% with a recent live birth)	*	72.1	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	9.6	28	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	21.5	44	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	7.6	3	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	16.5	32	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	72	46	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	28.2	40	17.7
Prenatal Care Before Third Trimester (% of live births)	+	92.5	42	98.3
Well-Baby Check (% ages 0–2)	++	81.1	32	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	8.7	49	3.9
Low Birthweight (% of live births)	+	10.3	48	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	4.9	47	2.6
Preterm Birth (% of live births)	+	12.0	47	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	89.3	7	91.0
Overweight or Obesity (% ages 10–17)	+	34.3	43	21.9
Substance Use Disorder (% ages 12–17)	++++	4.0	17	3.2
Tobacco Use (% ages 12–17)	+	7.9	44	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	26.3	46	14.8
Neighborhood Amenities (% ages 0–17)	+	19.5	48	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	12.1	30	21.9
Supportive Neighborhoods (% ages 0–17)	+++	57.1	29	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	81.2	2	82.9
Children With Health Insurance (% ages 0–17)	++++	95.5	20	98.4
Homeless Family Households (number per 10,000)	+++++	2.3	7	1.4
Water Fluoridation (% served)	+++	78.6	23	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	76.3	37	90.9
Developmental Screening (% ages 9 months–5 years)	++	26.6	37	60.0
Immunizations—Adolescents (mean z score)	++	-0.547	39	1.518
HPV Female (% ages 13–17)	++	47.2	38	76.8
HPV Male (% ages 13–17)	+	33.7	42	78.4
Meningococcal (% ages 13–17)	++	78.3	38	95.3
Tdap (% ages 13–17)	+++	88.7	30	96.2
Immunizations—Children (% ages 19–35 months)	+++	71.2	21	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	40.1	43	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	36.3	45	16.3
Missed School Days (% ages 6–17)	+++++	1.8	1	1.8
Teen Births (births per 1,000 ages 15–19)	+	27.0	42	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	9.1	10	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Alaska

ALASKA

**OVERALL  
RANK:  
31**


	2016	2018	2019
Women	31	34	30
Infants	4	10	14
Children	47	49	48
<b>Overall</b>	<b>28</b>	<b>33</b>	<b>31</b>

Annual Report Rank: **32**Senior Report Rank: **33**
**Strengths:**

- Low maternal mortality rate
- Low prevalence of low birthweight
- Low prevalence of overweight or obesity among children

**Challenges:**

- High incidence of chlamydia among females
- Low prevalence of well-baby visits
- High child mortality rate

**State Health Department Website:**
[dhss.alaska.gov](http://dhss.alaska.gov)
**Highlights:**

- In the past year, the percentage of infants exclusively breastfed for six months increased 27% from 33.1% to 42.1%
- In the past year, teen births decreased 25% from 29.3 to 22.0 births per 1,000 females ages 15-19
- In the past year, tobacco use during pregnancy decreased 14% from 12.5% to 10.7% of live births
- In the past three years, child mortality increased 37% from 33.1 to 45.4 deaths per 100,000 children ages 1-19
- In the past three years, obesity among women ages 18-44 increased 24% from 26.8% to 33.1%
- In the past three years, teen suicide increased 18% from 30.3 to 35.7 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	❖ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	45	.....◆.....❖.....			
Infants	+++++	5	.....◆.....❖.....◆.....			
Children	+	50	◆.....◆.....❖.....			
<b>Total</b>	++	39	.....◆.....❖.....			
<b>Community &amp; Environment</b>						
Women	+++	29	.....◆.....❖.....			
Infants	++++	11	.....◆.....❖.....◆.....			
Children	+++	30	.....◆.....❖.....			
<b>Total</b>	+++	26	.....◆.....❖.....			
<b>Policy</b>						
Women	++++	16	.....◆.....❖.....◆.....			
Infants	++	34	.....◆.....❖.....			
Children	+	47	.....◆.....❖.....			
<b>Total</b>	++	34	.....◆.....❖.....			
<b>Clinical Care</b>						
Women	+	41	.....◆.....❖.....			
Infants	++++	19	.....◆.....❖.....◆.....			
Children	+	46	.....◆.....❖.....			
<b>Total</b>	++	40	.....◆.....❖.....			
<b>Outcomes</b>						
Women	+++++	3	.....◆.....❖.....◆.....			
Infants	+++++	8	.....◆.....❖.....◆.....			
Children	+	49	.....◆.....❖.....			
<b>Total</b>	+++	24	.....◆.....❖.....			
<b>Overall</b>						
Women	+++	30	.....◆.....❖.....			
Infants	++++	14	.....◆.....❖.....◆.....			
Children	+	48	.....◆.....❖.....			
<b>Total</b>	++	31	.....◆.....❖.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	2,497.4	50	906.1
Excessive Drinking (% ages 18–44)	++	21.0	34	12.2
Obesity (% ages 18–44)	+	33.1	43	18.5
Physical Inactivity (% ages 18–44)	++++	18.0	12	12.4
Smoking (% ages 18–44)	++	19.3	33	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	13.9	19	2.5
Food Insecurity (% of households)	+++	11.6	22	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	43.3	48	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	87.6	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	63	1	63
Uninsured (% ages 19–44)	+	16.7	42	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.7	16	85.8
Dedicated Health Care Provider (% ages 18–44)	+	69.0	43	87.5
Dental Visit (% ages 18–44)	+++	69.0	21	78.9
Flu Vaccination (% ages 18–44)	++	31.2	38	48.7
Well-Woman Visit (% ages 18–44)	+	52.7	49	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.3	7	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	17.1	26	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	12.4	1	12.4
Postpartum Depression (% with a recent live birth)	*	13.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	27.1	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	42.1	1	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	57.2	*	25.8
Sleep Position (% with a recent live birth)	*	80.0	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	10.7	31	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.2	15	7.1
Infant Child Care Cost (% of married couple's median income)	+++	11.9	22	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	3.4	49	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	82	13	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	19.2	5	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	94.2	23	98.3
Well-Baby Check (% ages 0–2)	+	78.2	44	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.1	26	3.9
Low Birthweight (% of live births)	+++++	6.2	1	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.2	11	2.6
Preterm Birth (% of live births)	++++	9.0	14	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	78.2	46	91.0
Overweight or Obesity (% ages 10–17)	+++++	25.0	5	21.9
Substance Use Disorder (% ages 12–17)	+	6.5	50	3.2
Tobacco Use (% ages 12–17)	+	8.7	48	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	24.1	34	14.8
Neighborhood Amenities (% ages 0–17)	++	31.8	35	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	18.3	4	21.9
Supportive Neighborhoods (% ages 0–17)	++	53.6	37	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	78.5	8	82.9
Children With Health Insurance (% ages 0–17)	+	91.0	48	98.4
Homeless Family Households (number per 10,000)	+	11.5	47	1.4
Water Fluoridation (% served)	+	49.3	43	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	67.9	50	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	42.3	6	60.0
Immunizations—Adolescents (mean z score)	+	-1.538	50	1.518
HPV Female (% ages 13–17)	++	45.7	40	76.8
HPV Male (% ages 13–17)	++	39.8	33	78.4
Meningococcal (% ages 13–17)	+	68.4	48	95.3
Tdap (% ages 13–17)	+	78.9	50	96.2
Immunizations—Children (% ages 19–35 months)	++	69.5	32	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	47.3	17	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	45.4	50	16.3
Missed School Days (% ages 6–17)	++	4.2	35	1.8
Teen Births (births per 1,000 ages 15–19)	++	22.0	35	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	35.7	50	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Arizona

ARIZONA

**OVERALL  
RANK:  
37**


	2016	2018	2019
Women	38	36	36
Infants	20	31	27
Children	49	44	47
<b>Overall</b>	<b>43</b>	<b>39</b>	<b>37</b>

Annual Report Rank: **30**  
Senior Report Rank: **31**

## Strengths:

- Low prevalence of diabetes among women
- Low percentage of low-risk cesarean deliveries
- Low prevalence of tobacco use among adolescents

## Challenges:

- Low prevalence of women with a dedicated health care provider
- Low percentage of prenatal care before third trimester
- Low prevalence of supportive neighborhoods

## State Health Department Website:

[azdhs.gov](http://azdhs.gov)

## Highlights:

- In the past year, HPV immunization among females ages 13-17 increased 24% from 46.6% to 57.9%
- In the past year, HPV immunization among males ages 13-17 increased 16% from 41.7% to 48.4%
- In the past year, substance use disorder among youth decreased 14% from 5.6% to 4.8%
- In the past three years, flu vaccination among women ages 18-44 increased 16% from 25.3% to 29.4%
- In the past three years, tobacco use among youth ages 12-17 decreased 47% from 6.8% to 3.6%
- In the past three years, teen suicide increased 25% from 10.4 to 13.0 deaths per 100,000 adolescents ages 15-19

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	9				
Infants	+++++	10				
Children	+++	22				
<b>Total</b>	+++++	9				
<b>Community &amp; Environment</b>						
Women	+	46				
Infants	+++	22				
Children	+	47				
<b>Total</b>	+	45				
<b>Policy</b>						
Women	+	42				
Infants	++	35				
Children	+	47				
<b>Total</b>	+	47				
<b>Clinical Care</b>						
Women	+	46				
Infants	+	41				
Children	+	44				
<b>Total</b>	+	47				
<b>Outcomes</b>						
Women	++++	14				
Infants	++++	15				
Children	++	38				
<b>Total</b>	+++	21				
<b>Overall</b>						
Women	++	36				
Infants	+++	27				
Children	+	47				
<b>Total</b>	++	37				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,747.4	37	906.1
Excessive Drinking (% ages 18–44)	+++++	16.1	7	12.2
Obesity (% ages 18–44)	+++	26.9	23	18.5
Physical Inactivity (% ages 18–44)	++++	19.4	20	12.4
Smoking (% ages 18–44)	+++++	12.0	6	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	34.3	47	2.5
Food Insecurity (% of households)	++	13.1	33	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	42.6	47	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	15	46	63
Uninsured (% ages 19–44)	++	13.3	36	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	77.6	42	85.8
Dedicated Health Care Provider (% ages 18–44)	+	66.0	44	87.5
Dental Visit (% ages 18–44)	+	58.9	48	78.9
Flu Vaccination (% ages 18–44)	+	29.4	45	48.7
Well-Woman Visit (% ages 18–44)	+	61.0	41	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.3	7	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	16.0	21	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	27.3	29	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	26.3	24	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.8	10	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	13.8	11	7.1
Infant Child Care Cost (% of married couple's median income)	++	13.9	37	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	6.8	47	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	79	26	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	20.6	7	17.7
Prenatal Care Before Third Trimester (% of live births)	+	91.0	47	98.3
Well-Baby Check (% ages 0–2)	++	79.3	39	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.4	16	3.9
Low Birthweight (% of live births)	++++	7.5	15	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.6	18	2.6
Preterm Birth (% of live births)	++++	9.3	17	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	78.0	48	91.0
Overweight or Obesity (% ages 10–17)	+++++	25.5	9	21.9
Substance Use Disorder (% ages 12–17)	++	4.8	40	3.2
Tobacco Use (% ages 12–17)	+++++	3.6	3	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	27.3	48	14.8
Neighborhood Amenities (% ages 0–17)	++	33.2	31	59.2
Protective Family Routines and Habits (% ages 0–17)	++	12.0	32	21.9
Supportive Neighborhoods (% ages 0–17)	+	45.3	49	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	72.1	35	82.9
Children With Health Insurance (% ages 0–17)	+	91.2	47	98.4
Homeless Family Households (number per 10,000)	+++	4.8	26	1.4
Water Fluoridation (% served)	++	57.8	38	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	71.2	46	90.9
Developmental Screening (% ages 9 months–5 years)	++	29.2	31	60.0
Immunizations—Adolescents (mean z score)	++	-0.402	35	1.518
HPV Female (% ages 13–17)	++++	57.9	17	76.8
HPV Male (% ages 13–17)	++++	48.4	20	78.4
Meningococcal (% ages 13–17)	+++	83.8	28	95.3
Tdap (% ages 13–17)	+	82.4	47	96.2
Immunizations—Children (% ages 19–35 months)	+	66.5	44	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	36.6	46	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	26.7	25	16.3
Missed School Days (% ages 6–17)	+	4.6	44	1.8
Teen Births (births per 1,000 ages 15–19)	++	22.0	35	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	13.0	28	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Arkansas

**OVERALL  
RANK:  
49**


	2016	2018	2019
Women	46	48	48
Infants	49	47	49
Children	44	38	38
<b>Overall</b>	<b>49</b>	<b>49</b>	<b>49</b>

Annual Report Rank: **46**Senior Report Rank: **45**
**Strengths:**

- Low prevalence of excessive drinking among women
- Low cost of infant child care
- Low prevalence of homeless family households

**Challenges:**

- High prevalence of diabetes among women
- High prevalence of tobacco use during pregnancy
- High teen birth rate

**State Health Department Website:**
[healthy.arkansas.gov](http://healthy.arkansas.gov)
**Highlights:**

- In the past year, HPV immunization among females ages 13-17 increased 31% from 35.5% to 46.6%
- In the past year, HPV immunization among males ages 13-17 decreased 28% from 33.6% to 24.3%
- In the past year, teen births decreased 14% from 38.0 to 32.8 births per 1,000 females ages 15-19
- In the past three years, the percentage of infants exclusively breastfed for six months increased 48% from 13.8% to 20.4%
- In the past three years, meningococcal immunization among children ages 13-17 increased 42% from 64.8% to 91.7%
- In the past year, teen suicide increased 30% from 11.0 to 14.3 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	49	.....◆.....			
Infants	+	47	.....◆.....			
Children	+++	25	.....◆.....			
<b>Total</b>	+	49	.....◆.....			
<b>Community &amp; Environment</b>						
Women	+	47	.....◆.....			
Infants	++	38	.....◆.....			
Children	+	43	.....◆.....			
<b>Total</b>	+	46	.....◆.....			
<b>Policy</b>						
Women	+++	24	.....◆.....			
Infants	+	49	.....◆.....			
Children	++++	13	.....◆.....			
<b>Total</b>	++	36	.....◆.....			
<b>Clinical Care</b>						
Women	+	42	.....◆.....			
Infants	+	48	.....◆.....			
Children	++	33	.....◆.....			
<b>Total</b>	+	48	.....◆.....			
<b>Outcomes</b>						
Women	+	48	.....◆.....			
Infants	+	46	.....◆.....			
Children	+	47	.....◆.....			
<b>Total</b>	+	49	.....◆.....			
<b>Overall</b>						
Women	+	48	.....◆.....			
Infants	+	49	.....◆.....			
Children	++	38	.....◆.....			
<b>Total</b>	+	49	.....◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	2,068.7	46	906.1
Excessive Drinking (% ages 18–44)	++++	17.4	12	12.2
Obesity (% ages 18–44)	+	40.2	50	18.5
Physical Inactivity (% ages 18–44)	+	29.3	49	12.4
Smoking (% ages 18–44)	+	28.6	49	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	24.0	34	2.5
Food Insecurity (% of households)	+	17.4	49	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	40.8	41	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	4.4	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	85.8	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	29	17	63
Uninsured (% ages 19–44)	+++	11.6	26	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	78.0	40	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	73.5	24	87.5
Dental Visit (% ages 18–44)	+	60.3	45	78.9
Flu Vaccination (% ages 18–44)	+++	36.3	22	48.7
Well-Woman Visit (% ages 18–44)	+	60.1	42	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	5.0	49	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	15.7	20	5.3
Maternal Mortality (deaths per 100,000 live births)	+	44.5	46	12.4
Postpartum Depression (% with a recent live birth)	*	21.0	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	32.4	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	20.4	46	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	48.8	*	25.8
Sleep Position (% with a recent live birth)	*	91.9	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	13.7	43	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	26.1	50	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	9.7	8	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	21.7	21	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	67	49	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	26.6	34	17.7
Prenatal Care Before Third Trimester (% of live births)	+	90.0	48	98.3
Well-Baby Check (% ages 0–2)	+	76.2	48	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	7.9	47	3.9
Low Birthweight (% of live births)	+	9.3	42	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	4.6	42	2.6
Preterm Birth (% of live births)	+	11.4	45	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	88.0	14	91.0
Overweight or Obesity (% ages 10–17)	+++	30.2	27	21.9
Substance Use Disorder (% ages 12–17)	+++	4.1	21	3.2
Tobacco Use (% ages 12–17)	+	7.5	41	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	27.1	47	14.8
Neighborhood Amenities (% ages 0–17)	++	28.0	39	59.2
Protective Family Routines and Habits (% ages 0–17)	++	11.8	35	21.9
Supportive Neighborhoods (% ages 0–17)	++	55.9	33	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	78.9	6	82.9
Children With Health Insurance (% ages 0–17)	++	93.9	35	98.4
Homeless Family Households (number per 10,000)	+++++	1.9	5	1.4
Water Fluoridation (% served)	++	70.3	32	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	73.0	44	90.9
Developmental Screening (% ages 9 months–5 years)	+++	35.2	22	60.0
Immunizations—Adolescents (mean z score)	+++	0.127	23	1.518
HPV Female (% ages 13–17)	++	46.6	39	76.8
HPV Male (% ages 13–17)	+	24.3	49	78.4
Meningococcal (% ages 13–17)	++++	91.7	11	95.3
Tdap (% ages 13–17)	++++	92.4	11	96.2
Immunizations—Children (% ages 19–35 months)	++	69.4	34	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	42.3	37	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	35.2	44	16.3
Missed School Days (% ages 6–17)	++	4.1	34	1.8
Teen Births (births per 1,000 ages 15–19)	+	32.8	50	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	14.3	37	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# California

**OVERALL  
RANK:  
7**


	2016	2018	2019
Women	12	10	7
Infants	5	2	5
Children	22	21	18
<b>Overall</b>	<b>10</b>	<b>7</b>	<b>7</b>

Annual Report Rank: **12**Senior Report Rank: **17**
**Strengths:**

- Low prevalence of smoking among women
- Low prevalence of tobacco use during pregnancy
- Low prevalence of 2+ adverse childhood experiences

**Challenges:**

- Low prevalence of women with a dedicated health care provider
- High cost of infant child care
- Low prevalence of supportive neighborhoods

**State Health Department Website:**
[cdph.ca.gov](http://cdph.ca.gov)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 15% from 40.3% to 46.3%
- In the past year, substance use disorder among youth decreased 10% from 5.1% to 4.6%
- In the past year, teen births decreased 21% from 19.0 to 15.1 births per 1,000 females ages 15-19
- In the past three years, food insecurity decreased 17% from 13.5% to 11.2% of households
- In the past three years, infant child care cost increased 29% from 14.4% to 18.6% of married couple's median income
- In the past three years, teen suicide increased 34% from 5.3 to 7.1 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	❖ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	3		◆	◆	
Infants	+++++	3		◆	◆	
Children	+++	21		◆	◆	
<b>Total</b>	+++++	4		◆	◆	
<b>Community &amp; Environment</b>						
Women	+++	26		◆	◆	
Infants	++	34		◆	◆	
Children	++++	11		◆	◆	
<b>Total</b>	+++	24		◆	◆	
<b>Policy</b>						
Women	+++++	2		◆	◆	
Infants	+++++	6		◆	◆	
Children	+++	22		◆	◆	
<b>Total</b>	+++++	3		◆	◆	
<b>Clinical Care</b>						
Women	++	36		◆	◆	
Infants	+++	22		◆	◆	
Children	++	37		◆	◆	
<b>Total</b>	++	34		◆	◆	
<b>Outcomes</b>						
Women	+++++	2		◆	◆	
Infants	+++++	4		◆	◆	
Children	+++++	8		◆	◆	
<b>Total</b>	+++++	1		◆	◆	
<b>Overall</b>						
Women	+++++	7		◆	◆	
Infants	+++++	5		◆	◆	
Children	++++	18		◆	◆	
<b>Total</b>	+++++	7		◆	◆	

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,483.6	18	906.1
Excessive Drinking (% ages 18–44)	++++	18.2	15	12.2
Obesity (% ages 18–44)	+++++	23.4	9	18.5
Physical Inactivity (% ages 18–44)	++++	18.5	15	12.4
Smoking (% ages 18–44)	+++++	7.8	2	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	31.4	44	2.5
Food Insecurity (% of households)	++++	11.2	18	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	34.9	16	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	87.5	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	50	3	63
Uninsured (% ages 19–44)	++++	9.3	19	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	79.6	36	85.8
Dedicated Health Care Provider (% ages 18–44)	++	70.8	38	87.5
Dental Visit (% ages 18–44)	++	66.9	31	78.9
Flu Vaccination (% ages 18–44)	++	33.5	32	48.7
Well-Woman Visit (% ages 18–44)	++	64.2	32	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.4	10	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	6.5	3	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	17.6	7	12.4
Postpartum Depression (% with a recent live birth)	*	13.0	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	31.2	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	26.3	24	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	79.7	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	1.4	1	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	11.1	2	7.1
Infant Child Care Cost (% of married couple's median income)	+	18.6	50	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	44.8	8	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	85	7	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	24.4	24	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	96.2	7	98.3
Well-Baby Check (% ages 0–2)	+	79.0	42	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.3	4	3.9
Low Birthweight (% of live births)	+++++	6.9	8	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	2.9	5	2.6
Preterm Birth (% of live births)	+++++	8.7	6	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	82.7	34	91.0
Overweight or Obesity (% ages 10–17)	+++	30.7	30	21.9
Substance Use Disorder (% ages 12–17)	++	4.6	34	3.2
Tobacco Use (% ages 12–17)	+++++	3.5	2	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	14.8	1	14.8
Neighborhood Amenities (% ages 0–17)	+++++	55.4	3	59.2
Protective Family Routines and Habits (% ages 0–17)	++	12.0	32	21.9
Supportive Neighborhoods (% ages 0–17)	+	51.2	44	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	78.1	9	82.9
Children With Health Insurance (% ages 0–17)	+++	95.3	23	98.4
Homeless Family Households (number per 10,000)	+	7.5	42	1.4
Water Fluoridation (% served)	++	63.7	34	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	76.2	38	90.9
Developmental Screening (% ages 9 months–5 years)	+	22.2	48	60.0
Immunizations—Adolescents (mean z score)	++	-0.355	34	1.518
HPV Female (% ages 13–17)	++++	60.9	13	76.8
HPV Male (% ages 13–17)	+++	46.3	25	78.4
Meningococcal (% ages 13–17)	++	82.2	34	95.3
Tdap (% ages 13–17)	+	83.5	44	96.2
Immunizations—Children (% ages 19–35 months)	++	68.6	39	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	42.2	39	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	19.9	7	16.3
Missed School Days (% ages 6–17)	+++	3.8	28	1.8
Teen Births (births per 1,000 ages 15–19)	++++	15.1	16	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	7.1	7	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Colorado

**OVERALL  
RANK:  
10**


	2016	2018	2019
Women	8	7	8
Infants	13	10	14
Children	23	22	23
<b>Overall</b>	<b>14</b>	<b>10</b>	<b>10</b>

Annual Report Rank: **8**Senior Report Rank: **5**
**Strengths:**

- Low prevalence of food insecurity
- Low neonatal mortality rate
- High prevalence of neighborhood amenities

**Challenges:**

- High prevalence of excessive drinking among women
- High cost of infant child care
- High teen suicide rate

**State Health Department Website:**
[colorado.gov/cdphe](http://colorado.gov/cdphe)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 24% from 44.0% to 54.4%
- In the past year, the percentage of infants exclusively breastfed for six months decreased 37% from 35.3% to 22.4%
- In the past three years, dedicated health care provider among women ages 18-44 decreased 6% from 74.5% to 69.8%
- In the past three years, teen suicide increased 58% from 12.9 to 20.4 deaths per 100,000 adolescents ages 15-19
- In the past three years, smoking among women ages 18-44 decreased 20% from 18.4% to 14.7%
- In the past three years, tobacco use among youth ages 12-17 decreased 47% from 8.9% to 4.7%

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	8				
Infants	+++	29				
Children	+	41				
<b>Total</b>	+++	24				
<b>Community &amp; Environment</b>						
Women	+++++	10				
Infants	+	42				
Children	+++++	3				
<b>Total</b>	+++++	10				
<b>Policy</b>						
Women	+++++	10				
Infants	+++++	5				
Children	++	39				
<b>Total</b>	+++++	8				
<b>Clinical Care</b>						
Women	+++	28				
Infants	+++++	10				
Children	++++	15				
<b>Total</b>	++++	16				
<b>Outcomes</b>						
Women	+++++	6				
Infants	++++	13				
Children	++	31				
<b>Total</b>	++++	14				
<b>Overall</b>						
Women	+++++	8				
Infants	++++	14				
Children	+++	23				
<b>Total</b>	+++++	10				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,495.8	19	906.1
Excessive Drinking (% ages 18–44)	++	23.2	40	12.2
Obesity (% ages 18–44)	+++++	20.8	2	18.5
Physical Inactivity (% ages 18–44)	+++++	16.5	8	12.4
Smoking (% ages 18–44)	++++	14.7	16	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	12.7	14	2.5
Food Insecurity (% of households)	+++++	9.2	4	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	36.8	23	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.5	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	91.7	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	38	7	63
Uninsured (% ages 19–44)	+++	10.1	23	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	80.9	26	85.8
Dedicated Health Care Provider (% ages 18–44)	++	69.8	40	87.5
Dental Visit (% ages 18–44)	++++	69.5	19	78.9
Flu Vaccination (% ages 18–44)	+++++	41.5	8	48.7
Well-Woman Visit (% ages 18–44)	+	59.1	44	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.0	4	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	15.3	19	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	21.9	15	12.4
Postpartum Depression (% with a recent live birth)	*	11.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	30.0	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	22.4	38	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	65.9	*	25.8
Sleep Position (% with a recent live birth)	*	87.8	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	6.1	16	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.2	14	7.1
Infant Child Care Cost (% of married couple's median income)	+	16.1	47	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	48.9	6	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	85	7	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	21.6	10	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	94.0	25	98.3
Well-Baby Check (% ages 0–2)	++++	85.3	13	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.7	8	3.9
Low Birthweight (% of live births)	++	9.1	39	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	3.1	9	2.6
Preterm Birth (% of live births)	+++++	8.8	8	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	79.1	45	91.0
Overweight or Obesity (% ages 10–17)	++++	27.5	15	21.9
Substance Use Disorder (% ages 12–17)	+	5.6	46	3.2
Tobacco Use (% ages 12–17)	++++	4.7	14	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	20.1	20	14.8
Neighborhood Amenities (% ages 0–17)	+++++	59.2	1	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	17.7	6	21.9
Supportive Neighborhoods (% ages 0–17)	+++	58.2	25	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	68.5	46	82.9
Children With Health Insurance (% ages 0–17)	+++	94.9	29	98.4
Homeless Family Households (number per 10,000)	+	7.2	41	1.4
Water Fluoridation (% served)	+++	74.0	27	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	80.7	21	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	49.9	3	60.0
Immunizations—Adolescents (mean z score)	+++	0.045	25	1.518
HPV Female (% ages 13–17)	+++	53.1	26	76.8
HPV Male (% ages 13–17)	+++++	54.4	8	78.4
Meningococcal (% ages 13–17)	++	82.4	33	95.3
Tdap (% ages 13–17)	++	88.6	31	96.2
Immunizations—Children (% ages 19–35 months)	+++	71.0	23	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	46.2	22	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	26.0	22	16.3
Missed School Days (% ages 6–17)	+++	3.7	22	1.8
Teen Births (births per 1,000 ages 15–19)	++++	16.1	19	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	20.4	45	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Connecticut

**OVERALL  
RANK:**  
**5**



	2016	2018	2019
Women	6	6	5
Infants	14	13	6
Children	2	2	2
<b>Overall</b>	<b>4</b>	<b>6</b>	<b>5</b>

Annual Report Rank: **3**

Senior Report Rank: **3**

#### Strengths:

- High flu vaccination coverage among women
- High prevalence of well-baby visits
- Low child mortality rate

#### Challenges:

- High drug death rate among women
- High percentage of low-risk cesarean deliveries
- Low prevalence of children with adequate health insurance

#### State Health Department Website:

[portal.ct.gov/dph](http://portal.ct.gov/dph)

#### Highlights:

- In the past year, HPV immunization among males ages 13-17 increased 27% from 41.5% to 52.7%
- In the past year, HPV immunization among females ages 13-17 increased 12% from 56.9% to 63.5%
- In the past year, teen births decreased 13% from 10.1 to 8.8 births per 1,000 females ages 15-19
- In the past three years, tobacco use among youth ages 12-17 decreased 40% from 6.8% to 4.1%
- In the past three years, drug deaths increased 66% from 11.6 to 19.3 deaths per 100,000 females ages 15-44
- In the past three years, teen suicide increased 26% from 5.3 to 6.7 deaths per 100,000 adolescents ages 15-19

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	6				
Infants	++++	16				
Children	+++++	5				
<b>Total</b>	+++++	7				
<b>Community &amp; Environment</b>						
Women	+++	25				
Infants	++++	15				
Children	+++	22				
<b>Total</b>	++++	18				
<b>Policy</b>						
Women	+++++	5				
Infants	+++++	8				
Children	+++++	9				
<b>Total</b>	+++++	4				
<b>Clinical Care</b>						
Women	+++++	2				
Infants	+++++	6				
Children	+++++	3				
<b>Total</b>	+++++	4				
<b>Outcomes</b>						
Women	++++	19				
Infants	++++	16				
Children	+++++	4				
<b>Total</b>	+++++	8				
<b>Overall</b>						
Women	+++++	5				
Infants	+++++	6				
Children	+++++	2				
<b>Total</b>	+++++	5				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	1,359.9	10	906.1
Excessive Drinking (% ages 18–44)	+++	20.5	29	12.2
Obesity (% ages 18–44)	+++++	21.6	5	18.5
Physical Inactivity (% ages 18–44)	+++	21.1	24	12.4
Smoking (% ages 18–44)	+++++	13.2	10	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	18.8	24	2.5
Food Insecurity (% of households)	+++	12.2	26	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	37.7	30	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.7	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	93.8	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	38	7	63
Uninsured (% ages 19–44)	+++++	7.1	8	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	83.4	7	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	80.6	11	87.5
Dental Visit (% ages 18–44)	+++++	78.8	2	78.9
Flu Vaccination (% ages 18–44)	+++++	41.7	7	48.7
Well-Woman Visit (% ages 18–44)	+++++	70.3	10	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.8	23	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	19.3	34	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	19.0	8	12.4
Postpartum Depression (% with a recent live birth)	*	12.7	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	23.4	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	23.6	35	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	57.5	*	25.8
Sleep Position (% with a recent live birth)	*	79.6	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.5	7	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	13.9	12	7.1
Infant Child Care Cost (% of married couple's median income)	++	12.6	31	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	46.3	7	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	83	10	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	28.2	40	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	96.7	3	98.3
Well-Baby Check (% ages 0–2)	+++++	90.1	3	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.2	12	3.9
Low Birthweight (% of live births)	+++	8.1	22	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.3	12	2.6
Preterm Birth (% of live births)	+++	9.5	21	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	87.9	15	91.0
Overweight or Obesity (% ages 10–17)	+++++	25.3	7	21.9
Substance Use Disorder (% ages 12–17)	++	4.6	34	3.2
Tobacco Use (% ages 12–17)	+++++	4.1	8	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	18.3	12	14.8
Neighborhood Amenities (% ages 0–17)	++++	39.6	16	59.2
Protective Family Routines and Habits (% ages 0–17)	++	11.7	38	21.9
Supportive Neighborhoods (% ages 0–17)	+++	58.7	23	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	71.9	37	82.9
Children With Health Insurance (% ages 0–17)	+++++	98.1	4	98.4
Homeless Family Households (number per 10,000)	++	6.3	39	1.4
Water Fluoridation (% served)	++++	89.5	15	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	85.8	9	90.9
Developmental Screening (% ages 9 months–5 years)	++++	36.9	16	60.0
Immunizations—Adolescents (mean z score)	+++++	1.208	3	1.518
HPV Female (% ages 13–17)	+++++	63.5	7	76.8
HPV Male (% ages 13–17)	++++	52.7	13	78.4
Meningococcal (% ages 13–17)	+++++	94.9	2	95.3
Tdap (% ages 13–17)	+++++	94.9	4	96.2
Immunizations—Children (% ages 19–35 months)	+++++	75.3	10	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	49.8	10	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	16.3	1	16.3
Missed School Days (% ages 6–17)	+++	3.8	27	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	8.8	3	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	6.7	6	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Delaware

DELAWARE

**OVERALL  
RANK:  
21**


	2016	2018	2019
Women	20	21	26
Infants	27	26	16
Children	18	13	17
<b>Overall</b>	<b>22</b>	<b>20</b>	<b>21</b>

Annual Report Rank: **31**Senior Report Rank: **15**

### Strengths:

- High prevalence of well-woman visits
- High percentage of births at baby-friendly facilities
- Low prevalence of tobacco use among adolescents

### Challenges:

- High prevalence of physical inactivity among women
- High infant mortality rate
- Low prevalence of supportive neighborhoods

### State Health Department Website:

[dhss.delaware.gov](http://dhss.delaware.gov)

### Highlights:

- In the past year, HPV immunization among males ages 13-17 increased 20% from 47.3% to 56.7%
- In the past year, chlamydia increased 18% from 1,679.0 to 1,987.1 cases per 100,000 females ages 15-44
- In the past year, the percentage of infants exclusively breastfed for six months increased 15% from 20.5% to 23.6%
- In the past three years, dedicated health care provider among women ages 18-44 decreased 10% from 84.9% to 76.8%
- In the past three years, tobacco use among youth ages 12-17 decreased 51% from 8.1% to 4.0%
- In the past three years, drug deaths increased 55% from 17.9 to 27.7 deaths per 100,000 females ages 15-44

## SUMMARY

	Rating	State Rank	Least Healthy State	◆ State Score	✦ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	47	.....◆.....✦.....			
Infants	++	37	.....◆.....✦.....			
Children	++++	13	.....◆.....✦.....			
<b>Total</b>	++	37	.....◆.....✦.....			
<b>Community &amp; Environment</b>						
Women	+++	23	.....✦.....◆.....			
Infants	++++	15	.....✦.....◆.....			
Children	++	35	.....◆.....✦.....			
<b>Total</b>	+++	28	.....◆.....✦.....			
<b>Policy</b>						
Women	++++	15	.....✦.....◆.....			
Infants	+++++	2	.....✦.....◆.....			
Children	++++	16	.....✦.....◆.....			
<b>Total</b>	+++++	2	.....✦.....◆.....			
<b>Clinical Care</b>						
Women	+++	23	.....✦.....◆.....			
Infants	++++	14	.....✦.....◆.....			
Children	+++++	7	.....✦.....◆.....			
<b>Total</b>	++++	11	.....✦.....◆.....			
<b>Outcomes</b>						
Women	+++	23	.....✦.....◆.....			
Infants	+	44	.....◆.....✦.....			
Children	++++	19	.....◆.....✦.....			
<b>Total</b>	++	35	.....◆.....✦.....			
<b>Overall</b>						
Women	+++	26	.....✦.....◆.....			
Infants	++++	16	.....✦.....◆.....			
Children	++++	17	.....✦.....◆.....			
<b>Total</b>	+++	21	.....✦.....◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	1,987.1	42	906.1
Excessive Drinking (% ages 18–44)	++	20.9	33	12.2
Obesity (% ages 18–44)	+++	28.3	26	18.5
Physical Inactivity (% ages 18–44)	+	29.5	50	12.4
Smoking (% ages 18–44)	+++	17.8	26	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	21.2	29	2.5
Food Insecurity (% of households)	++++	11.1	17	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	37.6	28	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	86.9	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	30	15	63
Uninsured (% ages 19–44)	++++	8.1	14	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	77.6	42	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	76.8	19	87.5
Dental Visit (% ages 18–44)	++	66.3	34	78.9
Flu Vaccination (% ages 18–44)	++++	37.0	19	48.7
Well-Woman Visit (% ages 18–44)	+++++	73.0	4	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.4	10	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	27.7	45	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	16.9	4	12.4
Postpartum Depression (% with a recent live birth)	*	11.7	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	23.6	35	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	55.5	*	25.8
Sleep Position (% with a recent live birth)	*	97.5	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	9.1	27	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	16.6	26	7.1
Infant Child Care Cost (% of married couple's median income)	++++	10.9	12	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	88.1	1	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	90	2	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	24.9	26	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.3	37	98.3
Well-Baby Check (% ages 0–2)	+++++	87.4	9	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	8.5	48	3.9
Low Birthweight (% of live births)	++	9.0	38	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	4.8	44	2.6
Preterm Birth (% of live births)	+++	10.2	29	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	86.9	19	91.0
Overweight or Obesity (% ages 10–17)	+++	29.9	24	21.9
Substance Use Disorder (% ages 12–17)	+++	4.3	26	3.2
Tobacco Use (% ages 12–17)	+++++	4.0	7	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	22.0	27	14.8
Neighborhood Amenities (% ages 0–17)	++	29.3	38	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	12.4	28	21.9
Supportive Neighborhoods (% ages 0–17)	++	52.5	39	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	75.1	21	82.9
Children With Health Insurance (% ages 0–17)	+++	95.2	24	98.4
Homeless Family Households (number per 10,000)	++	5.3	34	1.4
Water Fluoridation (% served)	++++	87.1	19	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	86.9	6	90.9
Developmental Screening (% ages 9 months–5 years)	+	24.8	42	60.0
Immunizations—Adolescents (mean z score)	++++	0.598	11	1.518
HPV Female (% ages 13–17)	++++	59.6	15	76.8
HPV Male (% ages 13–17)	+++++	56.7	6	78.4
Meningococcal (% ages 13–17)	++++	90.5	12	95.3
Tdap (% ages 13–17)	+++	89.6	26	96.2
Immunizations—Children (% ages 19–35 months)	+++++	77.1	6	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	51.7	5	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	23.5	14	16.3
Missed School Days (% ages 6–17)	++	4.4	38	1.8
Teen Births (births per 1,000 ages 15–19)	+++	18.5	25	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	9.1	10	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Florida

FLORIDA

**OVERALL  
RANK:  
39**


	2016	2018	2019
Women	41	38	37
Infants	36	29	34
Children	38	33	39
<b>Overall</b>	<b>40</b>	<b>34</b>	<b>39</b>

Annual Report Rank: **29**Senior Report Rank: **29**

### Strengths:

- Low prevalence of excessive drinking among women
- Low prevalence of tobacco use during pregnancy
- High immunization coverage among children

### Challenges:

- Low flu vaccination coverage among women
- High percentage of low-risk cesarean deliveries
- High prevalence of 2+ adverse childhood experiences

### State Health Department Website:

[floridahealth.gov](http://floridahealth.gov)

### Highlights:

- In the past year, immunizations among children ages 19-35 months increased 14% from 67.1% to 76.2%
- In the past year, teen births decreased 13% from 20.8 to 18.2 births per 1,000 females ages 15-19
- In the past three years, drug deaths increased 66% from 11.3 to 18.8 deaths per 100,000 females ages 15-44
- In the past three years, tobacco use among youth ages 12-17 decreased 30% from 6.6% to 4.6%
- In the past three years, child mortality increased 8% from 25.7 to 27.7 deaths per 100,000 children ages 1-19
- In the past three years, flu vaccination among women ages 18-44 increased 32% from 20.7% to 27.4%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	18				
Infants	+++	27				
Children	+	42				
<b>Total</b>	<b>++</b>	<b>31</b>				
<b>Community &amp; Environment</b>						
Women	+++	30				
Infants	++++	14				
Children	++	37				
<b>Total</b>	<b>+++</b>	<b>30</b>				
<b>Policy</b>						
Women	+	48				
Infants	+++	27				
Children	++	37				
<b>Total</b>	<b>+</b>	<b>42</b>				
<b>Clinical Care</b>						
Women	+	45				
Infants	+	46				
Children	++	39				
<b>Total</b>	<b>+</b>	<b>46</b>				
<b>Outcomes</b>						
Women	++	31				
Infants	++	31				
Children	+++	23				
<b>Total</b>	<b>+++</b>	<b>30</b>				
<b>Overall</b>						
Women	++	37				
Infants	++	34				
Children	++	39				
<b>Total</b>	<b>++</b>	<b>39</b>				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,655.2	31	906.1
Excessive Drinking (% ages 18–44)	+++++	17.2	9	12.2
Obesity (% ages 18–44)	++++	24.3	12	18.5
Physical Inactivity (% ages 18–44)	+	26.2	42	12.4
Smoking (% ages 18–44)	++++	13.5	13	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	27.8	40	2.5
Food Insecurity (% of households)	+++	11.9	24	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	37.9	31	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	17	41	63
Uninsured (% ages 19–44)	+	19.1	46	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	77.6	42	85.8
Dedicated Health Care Provider (% ages 18–44)	+	63.0	47	87.5
Dental Visit (% ages 18–44)	+	62.7	42	78.9
Flu Vaccination (% ages 18–44)	+	27.4	49	48.7
Well-Woman Visit (% ages 18–44)	++++	69.3	15	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.1	31	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	18.8	31	5.3
Maternal Mortality (deaths per 100,000 live births)	++	28.1	32	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	21.3	42	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.8	10	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.9	20	7.1
Infant Child Care Cost (% of married couple's median income)	+++	11.8	21	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	17.5	31	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	80	21	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	31.0	50	17.7
Prenatal Care Before Third Trimester (% of live births)	+	92.4	43	98.3
Well-Baby Check (% ages 0–2)	++++	84.0	18	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.2	29	3.9
Low Birthweight (% of live births)	++	8.8	34	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	4.1	29	2.6
Preterm Birth (% of live births)	+++	10.2	29	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	82.3	38	91.0
Overweight or Obesity (% ages 10–17)	+	36.4	47	21.9
Substance Use Disorder (% ages 12–17)	++	4.5	33	3.2
Tobacco Use (% ages 12–17)	++++	4.6	12	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	25.3	40	14.8
Neighborhood Amenities (% ages 0–17)	++++	39.9	15	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	12.4	28	21.9
Supportive Neighborhoods (% ages 0–17)	+	50.4	46	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.2	27	82.9
Children With Health Insurance (% ages 0–17)	+	91.6	46	98.4
Homeless Family Households (number per 10,000)	++	5.6	37	1.4
Water Fluoridation (% served)	+++	77.6	24	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	81.3	16	90.9
Developmental Screening (% ages 9 months–5 years)	+	16.0	50	60.0
Immunizations—Adolescents (mean z score)	++	-0.227	32	1.518
HPV Female (% ages 13–17)	+	45.3	42	76.8
HPV Male (% ages 13–17)	++	39.4	34	78.4
Meningococcal (% ages 13–17)	++	80.2	35	95.3
Tdap (% ages 13–17)	++++	91.1	17	96.2
Immunizations—Children (% ages 19–35 months)	+++++	76.2	8	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	30.8	49	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	27.7	29	16.3
Missed School Days (% ages 6–17)	++	4.4	37	1.8
Teen Births (births per 1,000 ages 15–19)	+++	18.2	24	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	8.4	8	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Georgia

GEORGIA

**OVERALL  
RANK:  
40**


	2016	2018	2019
Women	44	42	43
Infants	48	40	37
Children	26	28	31
<b>Overall</b>	<b>45</b>	<b>37</b>	<b>40</b>

Annual Report Rank: **39**Senior Report Rank: **41**
**Strengths:**

- Low prevalence of excessive drinking among women
- Low cost of infant child care
- Low prevalence of substance use disorder among adolescents

**Challenges:**

- High percentage of uninsured women
- Low percentage of prenatal care before third trimester
- Low percentage of high school graduation

**State Health Department Website:**
[dph.georgia.gov](http://dph.georgia.gov)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 28% from 36.2% to 46.4%
- In the past year, HPV immunization among females ages 13-17 decreased 19% from 55.4% to 45.0%
- In the past three years, drug deaths increased 24% from 9.9 to 12.3 deaths per 100,000 females ages 15-44
- In the past three years, teen suicide increased 40% from 6.8 to 9.5 deaths per 100,000 adolescents ages 15-19
- In the past three years, meningococcal immunization among children ages 13-17 increased 27% from 74.9% to 95.3%
- In the past three years, child mortality increased 12% from 26.1 to 29.2 deaths per 100,000 children ages 1-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	33				
Infants	+++	24				
Children	+++	24				
<b>Total</b>	+++	29				
<b>Community &amp; Environment</b>						
Women	++	37				
Infants	+++++	8				
Children	+	41				
<b>Total</b>	++	33				
<b>Policy</b>						
Women	+	49				
Infants	+++	29				
Children	+++	23				
<b>Total</b>	++	40				
<b>Clinical Care</b>						
Women	++	32				
Infants	+	44				
Children	++++	19				
<b>Total</b>	++	35				
<b>Outcomes</b>						
Women	++	37				
Infants	+	47				
Children	++	36				
<b>Total</b>	+	41				
<b>Overall</b>						
Women	+	43				
Infants	++	37				
Children	++	31				
<b>Total</b>	++	40				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	1,997.7	43	906.1
Excessive Drinking (% ages 18–44)	+++++	15.3	6	12.2
Obesity (% ages 18–44)	++	31.7	39	18.5
Physical Inactivity (% ages 18–44)	++	25.7	40	12.4
Smoking (% ages 18–44)	++++	15.0	18	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	33.3	46	2.5
Food Insecurity (% of households)	++	13.0	32	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	37.4	26	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.4	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	91.0	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	16	44	63
Uninsured (% ages 19–44)	+	20.2	48	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	81.2	21	85.8
Dedicated Health Care Provider (% ages 18–44)	+	66.0	44	87.5
Dental Visit (% ages 18–44)	+++	68.4	23	78.9
Flu Vaccination (% ages 18–44)	+	29.6	44	48.7
Well-Woman Visit (% ages 18–44)	++++	70.0	12	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.8	23	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	12.3	14	5.3
Maternal Mortality (deaths per 100,000 live births)	+	66.3	49	12.4
Postpartum Depression (% with a recent live birth)	*	12.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	33.6	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	22.1	39	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	50.2	*	25.8
Sleep Position (% with a recent live birth)	*	73.9	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.8	10	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	15.4	21	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	10.3	9	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	31.1	13	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	75	37	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	27.9	39	17.7
Prenatal Care Before Third Trimester (% of live births)	+	91.5	45	98.3
Well-Baby Check (% ages 0–2)	+++	82.8	23	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	7.6	45	3.9
Low Birthweight (% of live births)	+	9.9	47	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	4.8	44	2.6
Preterm Birth (% of live births)	+	11.4	45	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	80.6	41	91.0
Overweight or Obesity (% ages 10–17)	++	32.4	38	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.2	1	3.2
Tobacco Use (% ages 12–17)	+++	5.5	23	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	23.7	33	14.8
Neighborhood Amenities (% ages 0–17)	++	29.3	37	59.2
Protective Family Routines and Habits (% ages 0–17)	++	11.8	35	21.9
Supportive Neighborhoods (% ages 0–17)	+	51.3	42	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.6	24	82.9
Children With Health Insurance (% ages 0–17)	+	92.1	45	98.4
Homeless Family Households (number per 10,000)	++++	3.2	14	1.4
Water Fluoridation (% served)	+++++	96.2	6	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	78.1	31	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	40.8	7	60.0
Immunizations—Adolescents (mean z score)	+++++	0.662	9	1.518
HPV Female (% ages 13–17)	+	45.0	44	76.8
HPV Male (% ages 13–17)	+++	46.4	24	78.4
Meningococcal (% ages 13–17)	+++++	95.3	1	95.3
Tdap (% ages 13–17)	+++++	93.3	8	96.2
Immunizations—Children (% ages 19–35 months)	+	65.6	50	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	45.5	26	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	29.2	34	16.3
Missed School Days (% ages 6–17)	++	4.5	40	1.8
Teen Births (births per 1,000 ages 15–19)	++	21.9	33	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	9.5	15	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Hawaii

HAWAII

**OVERALL  
RANK:  
14**


	2016	2018	2019
Women	10	9	9
Infants	9	19	22
Children	13	17	14
<b>Overall</b>	<b>7</b>	<b>13</b>	<b>14</b>

Annual Report Rank: 1

Senior Report Rank: 1

**Strengths:**

- Low drug death rate among women
- Low prevalence of tobacco use during pregnancy
- Low prevalence of tobacco use among adolescents

**Challenges:**

- High prevalence of diabetes among women
- High cost of infant child care
- High prevalence of homeless family households

**State Health Department Website:**
[health.hawaii.gov](http://health.hawaii.gov)
**Highlights:**

- In the past year, the percentage of infants exclusively breastfed for six months increased 9% from 30.2% to 32.9%
- In the past year, infant mortality increased 14% from 5.1 to 5.8 deaths per 1,000 live births
- In the past year, meningococcal immunization among children ages 13-17 increased 13% from 75.8% to 85.9%
- In the past three years, teen suicide increased 59% from 8.3 to 13.2 deaths per 100,000 adolescents ages 15-19
- In the past three years, food insecurity decreased 40% from 12.3% to 7.4% of households
- In the past three years, tobacco use among youth ages 12-17 decreased 49% from 6.7% to 3.4%

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	20	.....◆◆.....			
Infants	+++++	1	.....◆.....			◆
Children	+++++	8	.....◆.....			
<b>Total</b>	+++++	3	.....◆.....			
<b>Community &amp; Environment</b>						
Women	+++++	3	.....◆.....			◆
Infants	++	35	◆.....◆.....			
Children	+++++	10	.....◆.....			◆
<b>Total</b>	+++++	9	.....◆.....			
<b>Policy</b>						
Women	++++	14	.....◆.....			◆
Infants	++	32	◆.....◆.....			
Children	++	32	.....◆◆.....			
<b>Total</b>	+++	24	.....◆◆.....			
<b>Clinical Care</b>						
Women	++++	15	.....◆.....			◆
Infants	+++	30	.....◆◆.....			
Children	+++	26	.....◆◆.....			
<b>Total</b>	+++	24	.....◆◆.....			
<b>Outcomes</b>						
Women	+++	21	.....◆.....			◆
Infants	+++	27	.....◆◆.....			
Children	++++	12	.....◆◆.....			◆
<b>Total</b>	+++	21	.....◆◆.....			
<b>Overall</b>						
Women	+++++	9	.....◆.....			◆
Infants	+++	22	.....◆◆.....			
Children	++++	14	.....◆◆.....			◆
<b>Total</b>	++++	14	.....◆◆.....			



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,615.3	26	906.1
Excessive Drinking (% ages 18–44)	++	22.5	39	12.2
Obesity (% ages 18–44)	+++++	22.8	7	18.5
Physical Inactivity (% ages 18–44)	+++	22.7	28	12.4
Smoking (% ages 18–44)	++++	13.4	12	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	13.5	15	2.5
Food Insecurity (% of households)	+++++	7.4	1	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	34.7	14	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	25	28	63
Uninsured (% ages 19–44)	+++++	5.5	3	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	79.7	34	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	81.9	9	87.5
Dental Visit (% ages 18–44)	++++	71.5	12	78.9
Flu Vaccination (% ages 18–44)	+++	35.4	25	48.7
Well-Woman Visit (% ages 18–44)	++++	68.0	19	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	3.9	43	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	5.3	1	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	22.9	18	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	32.9	7	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.0	5	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	16.0	23	7.1
Infant Child Care Cost (% of married couple's median income)	++	14.3	39	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	12.1	41	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	80	21	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	20.7	8	17.7
Prenatal Care Before Third Trimester (% of live births)	+	92.9	41	98.3
Well-Baby Check (% ages 0–2)	++	79.7	38	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	5.8	21	3.9
Low Birthweight (% of live births)	+++	8.5	29	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.7	19	2.6
Preterm Birth (% of live births)	++	10.4	33	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	82.7	34	91.0
Overweight or Obesity (% ages 10–17)	++++	28.0	18	21.9
Substance Use Disorder (% ages 12–17)	++++	3.9	13	3.2
Tobacco Use (% ages 12–17)	+++++	3.4	1	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	18.2	11	14.8
Neighborhood Amenities (% ages 0–17)	+++++	55.3	4	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	15.3	12	21.9
Supportive Neighborhoods (% ages 0–17)	+	51.3	43	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	82.9	1	82.9
Children With Health Insurance (% ages 0–17)	+++++	98.4	2	98.4
Homeless Family Households (number per 10,000)	+	19.4	48	1.4
Water Fluoridation (% served)	+	11.7	50	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	74.6	42	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	39.1	10	60.0
Immunizations—Adolescents (mean z score)	+++	-0.057	28	1.518
HPV Female (% ages 13–17)	+++++	62.7	9	76.8
HPV Male (% ages 13–17)	+++	47.2	23	78.4
Meningococcal (% ages 13–17)	+++	85.9	21	95.3
Tdap (% ages 13–17)	+	84.8	43	96.2
Immunizations—Children (% ages 19–35 months)	++	69.8	31	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	44.8	29	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	22.7	11	16.3
Missed School Days (% ages 6–17)	+++++	3.1	10	1.8
Teen Births (births per 1,000 ages 15–19)	+++	19.1	27	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	13.2	29	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Idaho

IDAHO

**OVERALL  
RANK:  
22**


	2016	2018	2019
Women	29	29	29
Infants	6	5	13
Children	36	32	29
<b>Overall</b>	<b>26</b>	<b>25</b>	<b>22</b>

Annual Report Rank: **16**Senior Report Rank: **24**
**Strengths:**

- Low prevalence of physical inactivity among women
- Low percentage of low-risk cesarean deliveries
- Low prevalence of overweight or obesity among children

**Challenges:**

- Low prevalence of well-woman visits
- Low percentage of births at baby-friendly facilities
- High teen suicide rate

**State Health Department Website:**
[healthandwelfare.idaho.gov](http://healthandwelfare.idaho.gov)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 22% from 30.0% to 36.5%
- In the past year, the percentage of infants exclusively breastfed for six months decreased 16% from 33.9% to 28.4%
- In the past year, teen births decreased 17% from 22.5 to 18.6 births per 1,000 females ages 15-19
- In the past three years, meningococcal immunization among children ages 13-17 increased 16% from 78.1% to 90.5%
- In the past three years, Tdap immunization among children ages 13-17 increased 23% from 70.8% to 87.3%
- In the past three years, smoking among women ages 18-44 decreased 19% from 18.3% to 14.8%

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	✦ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	2		◆	◆	
Infants	++++	18		◆	◆	
Children	+++	26		◆	◆	
<b>Total</b>	+++++	9		◆	◆	
<b>Community &amp; Environment</b>						
Women	+++++	8		◆	◆	
Infants	+++++	4		◆	◆	
Children	++++	19		◆	◆	
<b>Total</b>	+++++	6		◆	◆	
<b>Policy</b>						
Women	+	45		◆	◆	
Infants	++	35		◆	◆	
Children	++	40		◆	◆	
<b>Total</b>	+	44		◆	◆	
<b>Clinical Care</b>						
Women	+	47	◆	◆	◆	
Infants	+++++	5		◆	◆	
Children	++	34		◆	◆	
<b>Total</b>	++	36		◆	◆	
<b>Outcomes</b>						
Women	+++	27		◆	◆	
Infants	+++++	10		◆	◆	
Children	+++	21		◆	◆	
<b>Total</b>	++++	16		◆	◆	
<b>Overall</b>						
Women	+++	29		◆	◆	
Infants	+++++	13		◆	◆	
Children	+++	29		◆	◆	
<b>Total</b>	+++	22		◆	◆	

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	1,236.9	8	906.1
Excessive Drinking (% ages 18–44)	+++++	17.2	9	12.2
Obesity (% ages 18–44)	++++	24.3	12	18.5
Physical Inactivity (% ages 18–44)	+++++	15.9	5	12.4
Smoking (% ages 18–44)	++++	14.8	17	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	11.6	11	2.5
Food Insecurity (% of households)	++++	11.0	16	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.0	5	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	3.1	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	94.4	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	21	35	63
Uninsured (% ages 19–44)	+	16.8	43	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	74.7	49	85.8
Dedicated Health Care Provider (% ages 18–44)	++	70.4	39	87.5
Dental Visit (% ages 18–44)	++	65.3	37	78.9
Flu Vaccination (% ages 18–44)	+	30.1	41	48.7
Well-Woman Visit (% ages 18–44)	+	52.6	50	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.9	29	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	13.0	16	5.3
Maternal Mortality (deaths per 100,000 live births)	++	32.8	37	12.4
Postpartum Depression (% with a recent live birth)	*	22.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	27.9	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	28.4	17	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	48.5	*	25.8
Sleep Position (% with a recent live birth)	*	84.0	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	8.8	24	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	13.4	9	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	10.5	10	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	9.8	43	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	78	27	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	18.1	3	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.8	11	98.3
Well-Baby Check (% ages 0–2)	++	81.4	31	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.3	15	3.9
Low Birthweight (% of live births)	++++	7.0	11	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.4	13	2.6
Preterm Birth (% of live births)	+++++	8.8	8	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	79.7	43	91.0
Overweight or Obesity (% ages 10–17)	+++++	24.3	3	21.9
Substance Use Disorder (% ages 12–17)	++	4.6	34	3.2
Tobacco Use (% ages 12–17)	+++	6.0	30	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	21.1	24	14.8
Neighborhood Amenities (% ages 0–17)	++	29.8	36	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	14.8	16	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	64.5	3	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	75.7	20	82.9
Children With Health Insurance (% ages 0–17)	++	94.2	32	98.4
Homeless Family Households (number per 10,000)	++	5.0	32	1.4
Water Fluoridation (% served)	+	31.9	47	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	75.7	40	90.9
Developmental Screening (% ages 9 months–5 years)	+	24.4	43	60.0
Immunizations—Adolescents (mean z score)	+++	-0.033	27	1.518
HPV Female (% ages 13–17)	+++	52.1	28	76.8
HPV Male (% ages 13–17)	++	36.5	39	78.4
Meningococcal (% ages 13–17)	++++	90.5	12	95.3
Tdap (% ages 13–17)	++	87.3	36	96.2
Immunizations—Children (% ages 19–35 months)	++	69.2	36	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	42.3	38	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	28.0	32	16.3
Missed School Days (% ages 6–17)	+++++	2.5	3	1.8
Teen Births (births per 1,000 ages 15–19)	+++	18.6	26	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	19.3	43	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	
+++++	1–10
++++	11–20
+++	21–30
++	31–40
+	41–50

# Illinois

**OVERALL  
RANK:  
26**



	2016	2018	2019
Women	28	26	27
Infants	26	30	35
Children	8	11	13
<b>Overall</b>	<b>21</b>	<b>26</b>	<b>26</b>

Annual Report Rank: **26**

Senior Report Rank: **31**

### Strengths:

- High prevalence of women with a dedicated health care provider
- Low prevalence of tobacco use during pregnancy
- High prevalence of neighborhood amenities

### Challenges:

- High prevalence of excessive drinking among women
- Low percentage of infants exclusively breastfed for six months
- Low prevalence of children with adequate health insurance

### State Health Department Website:

[dph.illinois.gov](http://dph.illinois.gov)

### Highlights:

- In the past year, the percentage of infants exclusively breastfed for six months decreased 24% from 25.8% to 19.5%
- In the past year, HPV immunization among males ages 13-17 increased 20% from 43.2% to 51.8%
- In the past three years, drug deaths increased 44% from 9.8 to 14.1 deaths per 100,000 females ages 15-44
- In the past three years, teen suicide increased 49% from 6.3 to 9.4 deaths per 100,000 adolescents ages 15-19
- In the past three years, meningococcal immunization among children ages 13-17 increased 16% from 77.1% to 89.2%
- In the past three years, child mortality increased 10% from 24.1 to 26.5 deaths per 100,000 children ages 1-19

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	30				
Infants	++	40				
Children	+++	23				
<b>Total</b>	++	35				
<b>Community &amp; Environment</b>						
Women	++	32				
Infants	++	32				
Children	++++	12				
<b>Total</b>	+++	29				
<b>Policy</b>						
Women	+++	27				
Infants	+++	22				
Children	++++	17				
<b>Total</b>	+++	23				
<b>Clinical Care</b>						
Women	++++	16				
Infants	+++	28				
Children	++++	13				
<b>Total</b>	++++	17				
<b>Outcomes</b>						
Women	+++	24				
Infants	++	33				
Children	++++	15				
<b>Total</b>	+++	28				
<b>Overall</b>						
Women	+++	27				
Infants	++	35				
Children	++++	13				
<b>Total</b>	+++	26				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,822.8	38	906.1
Excessive Drinking (% ages 18–44)	+	23.8	43	12.2
Obesity (% ages 18–44)	+++	26.6	22	18.5
Physical Inactivity (% ages 18–44)	+++	22.1	25	12.4
Smoking (% ages 18–44)	++++	13.5	13	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	23.0	32	2.5
Food Insecurity (% of households)	++++	11.2	18	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	41.5	43	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.3	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	92.4	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	20	36	63
Uninsured (% ages 19–44)	+++	9.8	22	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	83.4	7	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	79.3	13	87.5
Dental Visit (% ages 18–44)	++++	70.0	17	78.9
Flu Vaccination (% ages 18–44)	++	32.6	35	48.7
Well-Woman Visit (% ages 18–44)	+++	66.5	26	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.4	37	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	14.1	17	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	21.4	13	12.4
Postpartum Depression (% with a recent live birth)	*	9.3	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	32.1	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	19.5	49	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	62.4	*	25.8
Sleep Position (% with a recent live birth)	*	81.5	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	6.4	18	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	15.5	22	7.1
Infant Child Care Cost (% of married couple's median income)	++	14.3	39	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	22.3	20	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	81	19	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	25.1	28	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	94.0	25	98.3
Well-Baby Check (% ages 0–2)	+++	83.0	21	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.2	29	3.9
Low Birthweight (% of live births)	+++	8.5	29	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.4	35	2.6
Preterm Birth (% of live births)	++	10.4	33	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	87.0	18	91.0
Overweight or Obesity (% ages 10–17)	+++	30.5	29	21.9
Substance Use Disorder (% ages 12–17)	++	4.7	37	3.2
Tobacco Use (% ages 12–17)	++++	5.2	20	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	18.1	9	14.8
Neighborhood Amenities (% ages 0–17)	+++++	53.7	5	59.2
Protective Family Routines and Habits (% ages 0–17)	+	10.6	42	21.9
Supportive Neighborhoods (% ages 0–17)	+++	58.2	24	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	68.9	44	82.9
Children With Health Insurance (% ages 0–17)	+++++	96.5	10	98.4
Homeless Family Households (number per 10,000)	++++	4.0	20	1.4
Water Fluoridation (% served)	+++++	98.5	3	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	81.1	19	90.9
Developmental Screening (% ages 9 months–5 years)	++++	37.4	12	60.0
Immunizations—Adolescents (mean z score)	++++	0.497	15	1.518
HPV Female (% ages 13–17)	++	48.9	31	76.8
HPV Male (% ages 13–17)	++++	51.8	14	78.4
Meningococcal (% ages 13–17)	++++	89.2	15	95.3
Tdap (% ages 13–17)	++++	92.4	11	96.2
Immunizations—Children (% ages 19–35 months)	+++++	75.4	9	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	43.3	35	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	26.5	24	16.3
Missed School Days (% ages 6–17)	++++	3.6	19	1.8
Teen Births (births per 1,000 ages 15–19)	+++	17.4	22	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	9.4	12	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	
+++++	1–10
++++	11–20
+++	21–30
++	31–40
+	41–50

# Indiana

INDIANA

**OVERALL  
RANK:  
35**


	2016	2018	2019
Women	43	41	41
Infants	33	41	38
Children	31	25	26
<b>Overall</b>	<b>36</b>	<b>35</b>	<b>35</b>

Annual Report Rank: **41**Senior Report Rank: **36**

## Strengths:

- High prevalence of women with a dedicated health care provider
- High percentage of infants exclusively breastfed for six months
- Low prevalence of substance use disorder among adolescents

## Challenges:

- High maternal mortality rate
- High neonatal mortality rate
- Low prevalence of neighborhood amenities

## State Health Department Website:

[in.gov/isdh](http://in.gov/isdh)

## Highlights:

- In the past year, the percentage of infants exclusively breastfed for six months increased 37% from 23.1% to 31.7%
- In the past year, substance use disorder among youth decreased 21% from 4.2% to 3.3%
- In the past year, HPV immunization among males ages 13-17 increased 36% from 24.7% to 33.5%
- In the past three years, drug deaths increased 48% from 16.1 to 23.8 deaths per 100,000 females ages 15-44
- In the past three years, dedicated health care provider among women ages 18-44 increased 5% from 75.3% to 79.1%
- In the past three years, smoking among women ages 18-44 decreased 17% from 25.7% to 21.3%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	35				
Infants	+++	28				
Children	++++	18				
<b>Total</b>	+++	30				
<b>Community &amp; Environment</b>						
Women	++	39				
Infants	+	50				
Children	+++	28				
<b>Total</b>	+	42				
<b>Policy</b>						
Women	++	34				
Infants	++++	15				
Children	++++	18				
<b>Total</b>	+++	26				
<b>Clinical Care</b>						
Women	++	31				
Infants	+++	28				
Children	+++	29				
<b>Total</b>	+++	30				
<b>Outcomes</b>						
Women	+	47				
Infants	++	38				
Children	++	33				
<b>Total</b>	++	40				
<b>Overall</b>						
Women	+	41				
Infants	++	38				
Children	+++	26				
<b>Total</b>	++	35				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,642.9	30	906.1
Excessive Drinking (% ages 18–44)	+++	19.3	23	12.2
Obesity (% ages 18–44)	++	29.9	32	18.5
Physical Inactivity (% ages 18–44)	++	24.2	36	12.4
Smoking (% ages 18–44)	++	21.3	38	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	20.1	26	2.5
Food Insecurity (% of households)	++	13.6	37	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	42.5	46	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	19	39	63
Uninsured (% ages 19–44)	+++	11.7	27	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	77.5	45	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	79.1	14	87.5
Dental Visit (% ages 18–44)	+++	67.1	29	78.9
Flu Vaccination (% ages 18–44)	+++	34.1	30	48.7
Well-Woman Visit (% ages 18–44)	++	63.8	34	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.4	37	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	23.8	43	5.3
Maternal Mortality (deaths per 100,000 live births)	+	50.2	48	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	31.7	9	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	13.5	42	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	21.4	43	7.1
Infant Child Care Cost (% of married couple's median income)	+	15.2	43	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	31.0	14	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	80	21	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.4	16	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.7	32	98.3
Well-Baby Check (% ages 0–2)	+++	81.7	30	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	7.4	43	3.9
Low Birthweight (% of live births)	+++	8.3	25	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	4.9	47	2.6
Preterm Birth (% of live births)	+++	9.8	27	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	83.8	30	91.0
Overweight or Obesity (% ages 10–17)	+++	29.9	25	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.3	3	3.2
Tobacco Use (% ages 12–17)	++	6.4	32	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	22.2	29	14.8
Neighborhood Amenities (% ages 0–17)	+	27.7	41	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	13.0	23	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	63.2	5	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.6	25	82.9
Children With Health Insurance (% ages 0–17)	+	93.1	41	98.4
Homeless Family Households (number per 10,000)	+++++	2.9	10	1.4
Water Fluoridation (% served)	+++++	94.7	8	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	79.7	24	90.9
Developmental Screening (% ages 9 months–5 years)	++	29.0	33	60.0
Immunizations—Adolescents (mean z score)	++++	0.575	13	1.518
HPV Female (% ages 13–17)	++	48.4	35	76.8
HPV Male (% ages 13–17)	+	33.5	43	78.4
Meningococcal (% ages 13–17)	+++++	93.1	8	95.3
Tdap (% ages 13–17)	+++++	95.1	2	96.2
Immunizations—Children (% ages 19–35 months)	+	66.3	46	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	44.2	30	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	30.5	36	16.3
Missed School Days (% ages 6–17)	+++	3.7	23	1.8
Teen Births (births per 1,000 ages 15–19)	++	22.8	39	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	11.4	22	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Iowa

IOWA

**OVERALL  
RANK:  
10**


	2016	2018	2019
Women	7	5	6
Infants	22	22	25
Children	5	9	10
<b>Overall</b>	<b>8</b>	<b>9</b>	<b>10</b>

Annual Report Rank: **18**Senior Report Rank: **13**
**Strengths:**

- High flu vaccination coverage among women
- Low prevalence of low birthweight
- High percentage of high school graduation

**Challenges:**

- High prevalence of excessive drinking among women
- High prevalence of tobacco use during pregnancy
- High teen suicide rate

**State Health Department Website:**
[idph.iowa.gov](http://idph.iowa.gov)
**Highlights:**

- In the past year, HPV immunization among females ages 13-17 increased 38% from 47.4% to 65.5%
- In the past year, tobacco use during pregnancy decreased 9% from 13.7% to 12.4% of live births
- In the past year, teen births decreased 14% from 18.6 to 16.0 births per 1,000 females ages 15-19
- In the past three years, tobacco use among youth ages 12-17 decreased 47% from 9.4% to 5.0%
- In the past three years, meningococcal immunization among children ages 13-17 increased 30% from 64.4% to 83.6%
- In the past three years, teen suicide increased 30% from 10.5 to 13.7 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	32				
Infants	++	32				
Children	++++	11				
<b>Total</b>	+++	22				
<b>Community &amp; Environment</b>						
Women	+++++	9				
Infants	+++	23				
Children	++++	13				
<b>Total</b>	++++	12				
<b>Policy</b>						
Women	++++	12				
Infants	+	43				
Children	+++++	7				
<b>Total</b>	+++	22				
<b>Clinical Care</b>						
Women	+++++	4				
Infants	++++	13				
Children	++++	12				
<b>Total</b>	+++++	7				
<b>Outcomes</b>						
Women	+++++	4				
Infants	+++++	9				
Children	+++	29				
<b>Total</b>	++++	12				
<b>Overall</b>						
Women	+++++	6				
Infants	+++	25				
Children	+++++	10				
<b>Total</b>	+++++	10				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,480.8	17	906.1
Excessive Drinking (% ages 18–44)	+	24.3	46	12.2
Obesity (% ages 18–44)	++	31.5	38	18.5
Physical Inactivity (% ages 18–44)	++++	18.0	12	12.4
Smoking (% ages 18–44)	+++	18.2	27	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	10.4	10	2.5
Food Insecurity (% of households)	++++	10.5	12	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	35.3	18	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.2	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	94.2	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	29	17	63
Uninsured (% ages 19–44)	+++++	6.7	5	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.9	13	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	81.9	9	87.5
Dental Visit (% ages 18–44)	+++++	75.6	7	78.9
Flu Vaccination (% ages 18–44)	+++++	43.4	4	48.7
Well-Woman Visit (% ages 18–44)	+++	67.1	22	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.1	5	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	9.3	6	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	26.5	25	12.4
Postpartum Depression (% with a recent live birth)	*	7.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	24.2	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	29.5	12	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	62.8	*	25.8
Sleep Position (% with a recent live birth)	*	86.7	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	12.4	38	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	17.4	31	7.1
Infant Child Care Cost (% of married couple's median income)	++++	11.7	20	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	8.1	45	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	75	37	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	24.0	22	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.6	12	98.3
Well-Baby Check (% ages 0–2)	+++	82.2	26	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.1	11	3.9
Low Birthweight (% of live births)	+++++	6.6	2	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.5	17	2.6
Preterm Birth (% of live births)	++++	9.2	16	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	91.0	1	91.0
Overweight or Obesity (% ages 10–17)	++	31.5	34	21.9
Substance Use Disorder (% ages 12–17)	+++	4.2	24	3.2
Tobacco Use (% ages 12–17)	++++	5.0	17	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	18.6	15	14.8
Neighborhood Amenities (% ages 0–17)	+++	36.1	26	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	13.0	23	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	62.2	8	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	77.5	13	82.9
Children With Health Insurance (% ages 0–17)	++	94.2	33	98.4
Homeless Family Households (number per 10,000)	+++	4.1	22	1.4
Water Fluoridation (% served)	++++	92.7	11	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	81.1	18	90.9
Developmental Screening (% ages 9 months–5 years)	++	28.4	34	60.0
Immunizations—Adolescents (mean z score)	++++	0.513	14	1.518
HPV Female (% ages 13–17)	+++++	65.5	5	76.8
HPV Male (% ages 13–17)	+++	42.6	29	78.4
Meningococcal (% ages 13–17)	+++	83.6	30	95.3
Tdap (% ages 13–17)	+++++	93.4	6	96.2
Immunizations—Children (% ages 19–35 months)	++++	72.8	16	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	51.9	3	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	25.7	21	16.3
Missed School Days (% ages 6–17)	+	4.6	43	1.8
Teen Births (births per 1,000 ages 15–19)	++++	16.0	18	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	13.7	33	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Kansas

KANSAS

**OVERALL  
RANK:  
25**


	2016	2018	2019
Women	26	28	28
Infants	29	23	19
Children	19	26	27
<b>Overall</b>	<b>25</b>	<b>27</b>	<b>25</b>

Annual Report Rank: **27**Senior Report Rank: **28**
**Strengths:**

- Low drug death rate among women
- High percentage of prenatal care before third trimester
- Low prevalence of homeless family households

**Challenges:**

- High prevalence of obesity among women
- High prevalence of tobacco use during pregnancy
- Low HPV immunization coverage among adolescent females

**State Health Department Website:**
[kdheks.gov](http://kdheks.gov)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 17% from 26.0% to 30.4%
- In the past year, HPV immunization among females ages 13-17 decreased 16% from 45.6% to 38.5%
- In the past year, preterm birth increased 9% from 8.8% to 9.6% of live births before 37 weeks gestation
- In the past three years, excessive drinking among women ages 18-44 increased 28% from 14.9% to 19.1%
- In the past three years, tobacco use among youth ages 12-17 decreased 39% from 8.8% to 5.4%
- In the past three years, tobacco use during pregnancy decreased 16% from 12.0% to 10.1% of live births

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	29	.....◆◆.....			
Infants	++	34	.....◆◆◆.....			
Children	++++	20	.....◆◆◆.....			
<b>Total</b>	+++	28	.....◆◆◆.....			
<b>Community &amp; Environment</b>						
Women	++++	20	.....◆◆◆.....			
Infants	++++	20	.....◆◆◆.....			
Children	+++	21	.....◆◆◆.....			
<b>Total</b>	++++	17	.....◆◆◆.....			
<b>Policy</b>						
Women	++	40	.....◆◆◆.....			
Infants	++++	17	.....◆◆◆.....			
Children	+++	25	.....◆◆◆.....			
<b>Total</b>	++	31	.....◆◆◆.....			
<b>Clinical Care</b>						
Women	++	32	.....◆◆◆.....			
Infants	++++	11	.....◆◆◆.....			
Children	++	40	.....◆◆◆.....			
<b>Total</b>	+++	29	.....◆◆◆.....			
<b>Outcomes</b>						
Women	++++	11	.....◆◆◆.....			
Infants	+++	24	.....◆◆◆.....			
Children	+++	29	.....◆◆◆.....			
<b>Total</b>	++++	20	.....◆◆◆.....			
<b>Overall</b>						
Women	+++	28	.....◆◆◆.....			
Infants	++++	19	.....◆◆◆.....			
Children	+++	27	.....◆◆◆.....			
<b>Total</b>	+++	25	.....◆◆◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,527.1	22	906.1
Excessive Drinking (% ages 18–44)	+++	19.1	21	12.2
Obesity (% ages 18–44)	++	30.8	35	18.5
Physical Inactivity (% ages 18–44)	+++	22.2	27	12.4
Smoking (% ages 18–44)	+++	18.4	29	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	13.7	16	2.5
Food Insecurity (% of households)	++	13.3	35	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.9	9	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.6	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	89.4	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	17	41	63
Uninsured (% ages 19–44)	++	13.1	35	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	78.8	37	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	72.8	27	87.5
Dental Visit (% ages 18–44)	+++	68.3	25	78.9
Flu Vaccination (% ages 18–44)	+++	35.4	25	48.7
Well-Woman Visit (% ages 18–44)	++	62.8	35	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.6	17	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	10.8	10	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	26.6	26	12.4
Postpartum Depression (% with a recent live birth)	*	12.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	30.7	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	26.1	27	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	63.3	*	25.8
Sleep Position (% with a recent live birth)	*	80.2	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	10.1	30	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.7	17	7.1
Infant Child Care Cost (% of married couple's median income)	++	13.1	33	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	41.1	11	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	76	35	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.8	18	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	96.2	7	98.3
Well-Baby Check (% ages 0–2)	+++	82.9	22	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.0	25	3.9
Low Birthweight (% of live births)	++++	7.4	14	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	4.1	29	2.6
Preterm Birth (% of live births)	+++	9.6	25	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	86.5	24	91.0
Overweight or Obesity (% ages 10–17)	++	31.5	35	21.9
Substance Use Disorder (% ages 12–17)	+++	4.1	21	3.2
Tobacco Use (% ages 12–17)	+++	5.4	22	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	20.8	22	14.8
Neighborhood Amenities (% ages 0–17)	++++	37.4	19	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	15.3	12	21.9
Supportive Neighborhoods (% ages 0–17)	+++	58.0	26	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.8	23	82.9
Children With Health Insurance (% ages 0–17)	+++	95.0	28	98.4
Homeless Family Households (number per 10,000)	++++	3.0	12	1.4
Water Fluoridation (% served)	++	63.5	35	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	77.5	32	90.9
Developmental Screening (% ages 9 months–5 years)	++++	37.8	11	60.0
Immunizations—Adolescents (mean z score)	+	-0.923	44	1.518
HPV Female (% ages 13–17)	+	38.5	48	76.8
HPV Male (% ages 13–17)	+	30.4	47	78.4
Meningococcal (% ages 13–17)	+	72.1	45	95.3
Tdap (% ages 13–17)	+++	89.7	25	96.2
Immunizations—Children (% ages 19–35 months)	++	69.5	32	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	46.1	23	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	27.7	29	16.3
Missed School Days (% ages 6–17)	++++	3.4	15	1.8
Teen Births (births per 1,000 ages 15–19)	++	21.3	31	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	14.5	38	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

**OVERALL RANK:**  
**44**



	2016	2018	2019
Women	33	36	39
Infants	35	45	43
Children	35	34	40
<b>Overall</b>	<b>34</b>	<b>42</b>	<b>44</b>

Senior Report Rank: **49**

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,417.8	13	906.1
Excessive Drinking (% ages 18–44)	++++	18.3	16	12.2
Obesity (% ages 18–44)	+	33.3	44	18.5
Physical Inactivity (% ages 18–44)	+	26.5	43	12.4
Smoking (% ages 18–44)	+	28.3	48	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	28.3	41	2.5
Food Insecurity (% of households)	+	14.7	43	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	45.3	50	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.2	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	89.3	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	24	31	63
Uninsured (% ages 19–44)	+++++	7.1	8	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.7	16	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	76.9	18	87.5
Dental Visit (% ages 18–44)	+++	68.3	25	78.9
Flu Vaccination (% ages 18–44)	++	31.8	37	48.7
Well-Woman Visit (% ages 18–44)	+++++	71.6	7	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.8	40	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	34.9	48	5.3
Maternal Mortality (deaths per 100,000 live births)	++	32.4	34	12.4
Postpartum Depression (% with a recent live birth)	*	14.0	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	31.8	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	21.1	43	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	48.7	*	25.8
Sleep Position (% with a recent live birth)	*	83.9	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	17.9	49	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	23.4	48	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	8.2	4	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	24.5	19	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	73	43	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	28.3	43	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	94.5	20	98.3
Well-Baby Check (% ages 0–2)	+++	81.9	29	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	6.7	36	3.9
Low Birthweight (% of live births)	++	8.8	34	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	3.9	23	2.6
Preterm Birth (% of live births)	+	11.1	41	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	89.7	4	91.0
Overweight or Obesity (% ages 10–17)	+	37.0	48	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.6	7	3.2
Tobacco Use (% ages 12–17)	+	9.6	50	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	25.8	42	14.8
Neighborhood Amenities (% ages 0–17)	+	21.7	45	59.2
Protective Family Routines and Habits (% ages 0–17)	++	11.3	39	21.9
Supportive Neighborhoods (% ages 0–17)	++++	60.0	14	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	77.0	16	82.9
Children With Health Insurance (% ages 0–17)	++	93.2	40	98.4
Homeless Family Households (number per 10,000)	+++++	2.5	9	1.4
Water Fluoridation (% served)	+++++	99.9	1	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	79.3	27	90.9
Developmental Screening (% ages 9 months–5 years)	+	22.2	47	60.0
Immunizations—Adolescents (mean z score)	++	-0.617	40	1.518
HPV Female (% ages 13–17)	+	44.7	45	76.8
HPV Male (% ages 13–17)	+	31.1	45	78.4
Meningococcal (% ages 13–17)	++	83.3	31	95.3
Tdap (% ages 13–17)	++	86.4	38	96.2
Immunizations—Children (% ages 19–35 months)	+++	71.0	23	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	42.5	36	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	32.1	38	16.3
Missed School Days (% ages 6–17)	+++	3.8	26	1.8
Teen Births (births per 1,000 ages 15–19)	+	29.0	46	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	13.4	31	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Louisiana

**OVERALL  
RANK:  
47**


	2016	2018	2019
Women	49	49	50
Infants	45	44	40
Children	45	45	42
<b>Overall</b>	<b>48</b>	<b>48</b>	<b>47</b>

Annual Report Rank: **50**Senior Report Rank: **48**
**Strengths:**

- High prevalence of well-woman visits
- Low cost of infant child care
- Low prevalence of homeless family households

**Challenges:**

- High maternal mortality rate
- High prevalence of low birthweight
- High child mortality rate

**State Health Department Website:**

ldh.la.gov

**Highlights:**

- In the past year, teen births decreased 15% from 34.1 to 29.1 births per 1,000 females ages 15-19
- In the past year, HPV immunization among females ages 13-17 increased 27% from 50.8% to 64.3%
- In the past year, infant child care cost increased 30% from 6.6% to 8.6% of married couple's median income
- In the past three years, flu vaccination among women ages 18-44 decreased 21% from 35.3% to 28.0%
- In the past three years, teen suicide increased 16% from 9.7 to 11.3 deaths per 100,000 adolescents ages 15-19
- In the past three years, drug deaths increased 36% from 14.0 to 19.1 deaths per 100,000 females ages 15-44

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	◆ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	50	◆	.....◆	.....◆	
Infants	++	38		.....◆	.....◆	
Children	+	44	◆	.....◆	.....◆	
<b>Total</b>	+	47	◆	.....◆	.....◆	
<b>Community &amp; Environment</b>						
Women	+	45	◆	.....◆	.....◆	
Infants	+++++	9		.....◆	.....◆	◆
Children	+	45	◆	.....◆	.....◆	
<b>Total</b>	+	41	◆	.....◆	.....◆	
<b>Policy</b>						
Women	++	37		.....◆	.....◆	
Infants	++++	17		.....◆	.....◆	
Children	++++	19		.....◆	.....◆	
<b>Total</b>	+++	28		.....◆	.....◆	
<b>Clinical Care</b>						
Women	++	32		.....◆	.....◆	
Infants	+	43	◆	.....◆	.....◆	
Children	+++	28		.....◆	.....◆	
<b>Total</b>	++	39		.....◆	.....◆	
<b>Outcomes</b>						
Women	+	50	◆	.....◆	.....◆	
Infants	+	48	◆	.....◆	.....◆	
Children	+	42	◆	.....◆	.....◆	
<b>Total</b>	+	50	◆	.....◆	.....◆	
<b>Overall</b>						
Women	+	50	◆	.....◆	.....◆	
Infants	++	40		.....◆	.....◆	
Children	+	42	◆	.....◆	.....◆	
<b>Total</b>	+	47	◆	.....◆	.....◆	

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	2,376.5	49	906.1
Excessive Drinking (% ages 18–44)	+++	20.3	27	12.2
Obesity (% ages 18–44)	+	34.1	46	18.5
Physical Inactivity (% ages 18–44)	+	28.8	48	12.4
Smoking (% ages 18–44)	+	25.2	47	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	34.6	48	2.5
Food Insecurity (% of households)	+	17.3	48	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	35.9	20	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	84.9	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	15	46	63
Uninsured (% ages 19–44)	+++	11.3	24	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	84.3	5	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	72.8	27	87.5
Dental Visit (% ages 18–44)	+	58.2	50	78.9
Flu Vaccination (% ages 18–44)	+	28.0	48	48.7
Well-Woman Visit (% ages 18–44)	++++	70.0	12	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	4.8	48	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	19.1	32	5.3
Maternal Mortality (deaths per 100,000 live births)	+	72.0	50	12.4
Postpartum Depression (% with a recent live birth)	*	15.2	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	44.7	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	20.2	47	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	53.9	*	25.8
Sleep Position (% with a recent live birth)	*	67.9	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	6.5	19	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	18.3	37	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	8.6	5	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	41.6	10	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	76	35	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	30.4	48	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	93.9	28	98.3
Well-Baby Check (% ages 0–2)	++	80.9	33	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	7.8	46	3.9
Low Birthweight (% of live births)	+	10.7	49	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	4.0	25	2.6
Preterm Birth (% of live births)	+	12.7	49	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	78.1	47	91.0
Overweight or Obesity (% ages 10–17)	++	30.9	32	21.9
Substance Use Disorder (% ages 12–17)	++++	3.9	13	3.2
Tobacco Use (% ages 12–17)	++	6.9	37	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	25.2	39	14.8
Neighborhood Amenities (% ages 0–17)	+	23.3	44	59.2
Protective Family Routines and Habits (% ages 0–17)	+	7.6	49	21.9
Supportive Neighborhoods (% ages 0–17)	+++	58.9	21	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	78.9	7	82.9
Children With Health Insurance (% ages 0–17)	+++	95.2	25	98.4
Homeless Family Households (number per 10,000)	+++++	1.5	2	1.4
Water Fluoridation (% served)	+	44.2	45	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	77.3	33	90.9
Developmental Screening (% ages 9 months–5 years)	+	22.3	46	60.0
Immunizations—Adolescents (mean z score)	++++	0.435	17	1.518
HPV Female (% ages 13–17)	+++++	64.3	6	76.8
HPV Male (% ages 13–17)	+++	41.9	30	78.4
Meningococcal (% ages 13–17)	++++	89.0	16	95.3
Tdap (% ages 13–17)	+++	90.1	23	96.2
Immunizations—Children (% ages 19–35 months)	+++	70.0	28	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	43.6	34	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	39.1	47	16.3
Missed School Days (% ages 6–17)	++++	3.5	17	1.8
Teen Births (births per 1,000 ages 15–19)	+	29.1	47	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	11.3	21	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Maine

**OVERALL  
RANK:  
16**



	2016	2018	2019
Women	19	27	20
Infants	12	14	12
Children	11	23	21
<b>Overall</b>	<b>11</b>	<b>21</b>	<b>16</b>

Annual Report Rank: **16**

Senior Report Rank: **8**

## Strengths:

- High prevalence of women with a dedicated health care provider
- High prevalence of well-baby visits
- Low teen birth rate

## Challenges:

- High prevalence of excessive drinking among women
- High prevalence of tobacco use during pregnancy
- High prevalence of tobacco use among adolescents

## State Health Department Website:

[maine.gov/dhhs](http://maine.gov/dhhs)

## Highlights:

- In the past year, tobacco use during pregnancy decreased 16% from 15.6% to 13.1% of live births
- In the past year, the percentage of infants exclusively breastfed for six months increased 29% from 26.5% to 34.1%
- In the past year, HPV immunization among males ages 13-17 increased 18% from 48.2% to 57.0%
- In the past three years, smoking among women ages 18-44 decreased 20% from 25.6% to 20.4%
- In the past three years, teen births decreased 21% from 16.5 to 13.1 births per 1,000 females ages 15-19
- In the past three years, drug deaths increased 102% from 12.1 to 24.5 deaths per 100,000 females ages 15-44

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	15				
Infants	++++	16				
Children	++	32				
<b>Total</b>	++++	20				
<b>Community &amp; Environment</b>						
Women	+++	27				
Infants	++++	17				
Children	++++	16				
<b>Total</b>	+++	21				
<b>Policy</b>						
Women	+++	21				
Infants	++++	16				
Children	++	35				
<b>Total</b>	++++	20				
<b>Clinical Care</b>						
Women	++++	14				
Infants	+++++	2				
Children	++++	11				
<b>Total</b>	+++++	6				
<b>Outcomes</b>						
Women	+++	26				
Infants	+++	23				
Children	++++	18				
<b>Total</b>	+++	23				
<b>Overall</b>						
Women	++++	20				
Infants	++++	12				
Children	+++	21				
<b>Total</b>	++++	16				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	1,186.1	5	906.1
Excessive Drinking (% ages 18–44)	+	24.4	47	12.2
Obesity (% ages 18–44)	+++++	23.7	10	18.5
Physical Inactivity (% ages 18–44)	+++++	16.0	6	12.4
Smoking (% ages 18–44)	++	20.4	36	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	7.2	5	2.5
Food Insecurity (% of households)	+	14.4	41	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	39.3	34	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.8	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	93.7	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	33	10	63
Uninsured (% ages 19–44)	+++	12.0	30	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	81.2	21	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	87.5	1	87.5
Dental Visit (% ages 18–44)	++	64.6	39	78.9
Flu Vaccination (% ages 18–44)	+++	36.0	23	48.7
Well-Woman Visit (% ages 18–44)	++++	67.9	20	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.4	10	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	24.5	44	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	23.8	20	12.4
Postpartum Depression (% with a recent live birth)	*	13.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	23.8	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	34.1	5	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	70.9	*	25.8
Sleep Position (% with a recent live birth)	*	89.2	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	13.1	41	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	16.7	27	7.1
Infant Child Care Cost (% of married couple's median income)	++++	11.2	14	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	18.4	28	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	84	9	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.8	18	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	96.4	4	98.3
Well-Baby Check (% ages 0–2)	+++++	90.6	2	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.2	29	3.9
Low Birthweight (% of live births)	++++	7.1	12	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.5	39	2.6
Preterm Birth (% of live births)	+++++	8.7	6	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	86.9	19	91.0
Overweight or Obesity (% ages 10–17)	++++	28.8	20	21.9
Substance Use Disorder (% ages 12–17)	++	4.7	37	3.2
Tobacco Use (% ages 12–17)	+	7.9	44	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	22.5	30	14.8
Neighborhood Amenities (% ages 0–17)	++	32.9	32	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	20.2	2	21.9
Supportive Neighborhoods (% ages 0–17)	++++	59.0	19	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	71.9	36	82.9
Children With Health Insurance (% ages 0–17)	++++	95.7	18	98.4
Homeless Family Households (number per 10,000)	+	10.3	44	1.4
Water Fluoridation (% served)	+++	79.3	21	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	89.4	2	90.9
Developmental Screening (% ages 9 months–5 years)	++++	35.7	20	60.0
Immunizations—Adolescents (mean z score)	+++	0.018	26	1.518
HPV Female (% ages 13–17)	++++	61.5	11	76.8
HPV Male (% ages 13–17)	+++++	57.0	4	78.4
Meningococcal (% ages 13–17)	+++	83.9	27	95.3
Tdap (% ages 13–17)	+	85.1	42	96.2
Immunizations—Children (% ages 19–35 months)	++++	72.7	17	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	47.8	15	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	22.9	13	16.3
Missed School Days (% ages 6–17)	+	4.5	41	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	13.1	9	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	13.3	30	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	
+++++	1–10
++++	11–20
+++	21–30
++	31–40
+	41–50

# Maryland

**OVERALL  
RANK:  
12**


	2016	2018	2019
Women	21	16	17
Infants	41	37	26
Children	7	4	5
<b>Overall</b>	<b>23</b>	<b>16</b>	<b>12</b>

Annual Report Rank: **19**Senior Report Rank: **12**
**Strengths:**

- Low prevalence of food insecurity
- Low prevalence of household smoke
- Low prevalence of substance use disorder among adolescents

**Challenges:**

- High drug death rate among women
- High percentage of low-risk cesarean deliveries
- High prevalence of overweight or obesity among children

**State Health Department Website:**
[health.maryland.gov](http://health.maryland.gov)
**Highlights:**

- In the past year, teen births decreased 16% from 17.0 to 14.2 births per 1,000 females ages 15-19
- In the past year, HPV immunization among females ages 13-17 increased 11% from 51.8% to 57.5%
- In the past year, HPV immunization among males ages 13-17 increased 9% from 44.5% to 48.4%
- In the past three years, tobacco use during pregnancy decreased 21% from 7.0% to 5.5% of live births
- In the past three years, drug deaths increased 89% from 12.1 to 22.9 deaths per 100,000 females ages 15-44
- In the past three years, child mortality increased 12% from 22.6 to 25.2 deaths per 100,000 children ages 1-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	23				
Infants	++++	15				
Children	++++	14				
<b>Total</b>	++++	13				
<b>Community &amp; Environment</b>						
Women	++++	15				
Infants	++++	11				
Children	+++++	7				
<b>Total</b>	+++++	8				
<b>Policy</b>						
Women	++++	20				
Infants	+++	23				
Children	+++++	3				
<b>Total</b>	++++	11				
<b>Clinical Care</b>						
Women	++++	12				
Infants	++	33				
Children	+++++	6				
<b>Total</b>	+++++	9				
<b>Outcomes</b>						
Women	++	34				
Infants	++	37				
Children	++++	14				
<b>Total</b>	++	33				
<b>Overall</b>						
Women	++++	17				
Infants	+++	26				
Children	+++++	5				
<b>Total</b>	++++	12				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,634.6	27	906.1
Excessive Drinking (% ages 18–44)	++++	19.0	20	12.2
Obesity (% ages 18–44)	+++	28.4	28	18.5
Physical Inactivity (% ages 18–44)	++	23.6	32	12.4
Smoking (% ages 18–44)	+++++	12.4	8	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	16.8	21	2.5
Food Insecurity (% of households)	++++	10.4	11	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	34.4	13	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	90.2	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	25	28	63
Uninsured (% ages 19–44)	++++	8.3	15	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.7	16	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	79.8	12	87.5
Dental Visit (% ages 18–44)	+++	69.0	21	78.9
Flu Vaccination (% ages 18–44)	++++	39.6	11	48.7
Well-Woman Visit (% ages 18–44)	+++++	70.7	9	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.3	34	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	22.9	39	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	25.0	22	12.4
Postpartum Depression (% with a recent live birth)	*	12.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	31.5	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	26.2	26	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	51.8	*	25.8
Sleep Position (% with a recent live birth)	*	78.2	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	5.5	13	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	12.9	8	7.1
Infant Child Care Cost (% of married couple's median income)	++	12.7	32	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	18.2	30	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	82	13	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	28.2	40	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.1	39	98.3
Well-Baby Check (% ages 0–2)	+++++	87.5	8	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	6.6	35	3.9
Low Birthweight (% of live births)	++	8.9	37	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.5	39	2.6
Preterm Birth (% of live births)	++	10.5	36	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	87.7	16	91.0
Overweight or Obesity (% ages 10–17)	+	34.8	44	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.4	5	3.2
Tobacco Use (% ages 12–17)	++++	4.5	11	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	15.6	3	14.8
Neighborhood Amenities (% ages 0–17)	++++	44.1	12	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	16.0	10	21.9
Supportive Neighborhoods (% ages 0–17)	++	55.8	34	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	77.6	12	82.9
Children With Health Insurance (% ages 0–17)	++++	95.9	15	98.4
Homeless Family Households (number per 10,000)	+++	4.8	26	1.4
Water Fluoridation (% served)	+++++	96.4	5	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	87.1	5	90.9
Developmental Screening (% ages 9 months–5 years)	++++	36.6	17	60.0
Immunizations—Adolescents (mean z score)	++++	0.380	18	1.518
HPV Female (% ages 13–17)	++++	57.5	18	76.8
HPV Male (% ages 13–17)	++++	48.4	20	78.4
Meningococcal (% ages 13–17)	+++++	91.8	10	95.3
Tdap (% ages 13–17)	++	88.3	33	96.2
Immunizations—Children (% ages 19–35 months)	++++	75.2	11	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	53.4	2	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	25.2	19	16.3
Missed School Days (% ages 6–17)	+	4.7	45	1.8
Teen Births (births per 1,000 ages 15–19)	++++	14.2	11	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	6.5	5	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Massachusetts

**OVERALL  
RANK:**  
**1**


	2016	2018	2019
Women	1	1	3
Infants	7	7	7
Children	1	1	1
<b>Overall</b>	<b>1</b>	<b>1</b>	<b>2</b>

Annual Report Rank: **2**Senior Report Rank: **11**
**Strengths:**

- Low maternal mortality rate
- High prevalence of well-baby visits
- Low teen birth rate

**Challenges:**

- High prevalence of excessive drinking among women
- High cost of infant child care
- High prevalence of homeless family households

**State Health Department Website:**
[mass.gov/orgs/departments-of-public-health](http://mass.gov/orgs/departments-of-public-health)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 24% from 51.4% to 63.7%
- In the past year, HPV immunization among females ages 13-17 increased 9% from 62.0% to 67.4%
- In the past year, tobacco use among youth ages 12-17 decreased 10% from 4.8% to 4.3%
- In the past three years, drug deaths increased 69% from 13.1 to 22.2 deaths per 100,000 females ages 15-44
- In the past three years, teen births decreased 24% from 10.6 to 8.1 births per 1,000 females ages 15-19
- In the past three years, chlamydia increased 23% from 1,002.0 to 1,229.1 cases per 100,000 females ages 15-44

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	❖ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	4		◆	◆	
Infants	+++++	8		◆	◆	◆
Children	+++++	4		◆	◆	◆
<b>Total</b>	+++++	2		◆	◆	
<b>Community &amp; Environment</b>						
Women	++++	13		◆	◆	◆
Infants	++	31	◆	◆	◆	
Children	+++++	5		◆	◆	◆
<b>Total</b>	++++	11		◆	◆	
<b>Policy</b>						
Women	+++++	6		◆	◆	◆
Infants	+++++	9		◆	◆	
Children	+	43	◆	◆	◆	
<b>Total</b>	++++	12		◆	◆	
<b>Clinical Care</b>						
Women	+++++	3		◆	◆	◆
Infants	+++++	7		◆	◆	◆
Children	+++++	1		◆	◆	◆
<b>Total</b>	+++++	2		◆	◆	◆
<b>Outcomes</b>						
Women	++++	12		◆	◆	◆
Infants	+++++	5		◆	◆	◆
Children	+++++	2		◆	◆	◆
<b>Total</b>	+++++	2		◆	◆	◆
<b>Overall</b>						
Women	+++++	3		◆	◆	◆
Infants	+++++	7		◆	◆	◆
Children	+++++	1		◆	◆	◆
<b>Total</b>	+++++	2		◆	◆	◆

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	1,229.1	7	906.1
Excessive Drinking (% ages 18–44)	+	24.9	48	12.2
Obesity (% ages 18–44)	+++++	18.5	1	18.5
Physical Inactivity (% ages 18–44)	++++	19.0	19	12.4
Smoking (% ages 18–44)	+++++	11.9	5	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	17.5	22	2.5
Food Insecurity (% of households)	+++++	10.2	10	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.9	9	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.5	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	92.4	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	25	28	63
Uninsured (% ages 19–44)	+++++	3.3	1	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	81.0	25	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	85.4	4	87.5
Dental Visit (% ages 18–44)	+++++	76.4	5	78.9
Flu Vaccination (% ages 18–44)	+++++	40.5	10	48.7
Well-Woman Visit (% ages 18–44)	+++++	73.9	2	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.5	14	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	22.2	38	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	13.7	2	12.4
Postpartum Depression (% with a recent live birth)	*	10.8	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	22.9	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	26.6	22	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	63.2	*	25.8
Sleep Position (% with a recent live birth)	*	83.7	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.7	9	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	11.4	6	7.1
Infant Child Care Cost (% of married couple's median income)	+	16.8	49	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	19.0	26	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	87	5	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	25.7	31	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.0	17	98.3
Well-Baby Check (% ages 0–2)	+++++	90.7	1	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.1	3	3.9
Low Birthweight (% of live births)	++++	7.5	15	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	2.7	3	2.6
Preterm Birth (% of live births)	++++	8.9	11	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	88.3	12	91.0
Overweight or Obesity (% ages 10–17)	++++	26.3	11	21.9
Substance Use Disorder (% ages 12–17)	+++	4.3	26	3.2
Tobacco Use (% ages 12–17)	+++++	4.3	10	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	15.7	4	14.8
Neighborhood Amenities (% ages 0–17)	+++++	51.0	7	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	14.4	18	21.9
Supportive Neighborhoods (% ages 0–17)	++	56.9	31	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	71.9	38	82.9
Children With Health Insurance (% ages 0–17)	+++++	97.7	5	98.4
Homeless Family Households (number per 10,000)	+	25.1	49	1.4
Water Fluoridation (% served)	++	70.4	31	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	90.9	1	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	39.2	9	60.0
Immunizations—Adolescents (mean z score)	+++++	1.518	1	1.518
HPV Female (% ages 13–17)	+++++	67.4	4	76.8
HPV Male (% ages 13–17)	+++++	63.7	2	78.4
Meningococcal (% ages 13–17)	+++++	94.0	4	95.3
Tdap (% ages 13–17)	+++++	96.2	1	96.2
Immunizations—Children (% ages 19–35 months)	+++++	82.1	1	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	51.8	4	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	17.4	3	16.3
Missed School Days (% ages 6–17)	++++	3.6	20	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	8.1	1	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	6.4	4	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	
+++++	1–10
++++	11–20
+++	21–30
++	31–40
+	41–50

# Michigan

MICHIGAN

**OVERALL  
RANK:  
29**


	2016	2018	2019
Women	32	31	31
Infants	42	36	36
Children	24	24	22
<b>Overall</b>	<b>32</b>	<b>29</b>	<b>29</b>

Annual Report Rank: **34**Senior Report Rank: **26**
**Strengths:**

- Low percentage of uninsured women
- High prevalence of well-baby visits
- High immunization coverage among adolescents

**Challenges:**

- High drug death rate among women
- High prevalence of household smoke
- Low percentage of high school graduation

**State Health Department Website:**
[michigan.gov/mdhhs](http://michigan.gov/mdhhs)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 40% from 34.6% to 48.5%
- In the past year, HPV immunization among females ages 13-17 increased 9% from 55.4% to 60.4%
- In the past year, substance use disorder among youth decreased 19% from 4.8% to 3.9%
- In the past three years, drug deaths increased 45% from 16.3 to 23.6 deaths per 100,000 females ages 15-44
- In the past three years, tobacco use among youth ages 12-17 decreased 33% from 8.2% to 5.5%
- In the past three years, teen suicide increased 20% from 10.3 to 12.4 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	◆ US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	39	.....◆.....◆.....			
Infants	+	42	.....◆.....◆.....			
Children	++	32	.....◆.....◆.....			
<b>Total</b>	+	41	.....◆.....◆.....			
<b>Community &amp; Environment</b>						
Women	+++	28	.....◆.....◆.....			
Infants	++	40	.....◆.....◆.....			
Children	+++	29	.....◆.....◆.....			
<b>Total</b>	++	31	.....◆.....◆.....			
<b>Policy</b>						
Women	+++	25	.....◆.....◆.....			
Infants	+++	23	.....◆.....◆.....			
Children	+++++	8	.....◆.....◆.....			
<b>Total</b>	++++	16	.....◆.....◆.....			
<b>Clinical Care</b>						
Women	++++	17	.....◆.....◆.....			
Infants	++++	17	.....◆.....◆.....			
Children	+++++	10	.....◆.....◆.....			
<b>Total</b>	++++	12	.....◆.....◆.....			
<b>Outcomes</b>						
Women	++	32	.....◆.....◆.....			
Infants	++	35	.....◆.....◆.....			
Children	+++	27	.....◆.....◆.....			
<b>Total</b>	++	34	.....◆.....◆.....			
<b>Overall</b>						
Women	++	31	.....◆.....◆.....			
Infants	++	36	.....◆.....◆.....			
Children	+++	22	.....◆.....◆.....			
<b>Total</b>	+++	29	.....◆.....◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,636.5	28	906.1
Excessive Drinking (% ages 18–44)	++	22.4	38	12.2
Obesity (% ages 18–44)	++	30.5	34	18.5
Physical Inactivity (% ages 18–44)	++	23.0	31	12.4
Smoking (% ages 18–44)	++	19.7	35	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	22.5	31	2.5
Food Insecurity (% of households)	++	13.6	37	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	36.1	21	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.0	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	91.3	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	16	44	63
Uninsured (% ages 19–44)	+++++	6.7	5	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	80.0	31	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	82.7	6	87.5
Dental Visit (% ages 18–44)	++++	71.3	13	78.9
Flu Vaccination (% ages 18–44)	++	32.2	36	48.7
Well-Woman Visit (% ages 18–44)	++++	68.6	17	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.7	19	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	23.6	42	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	27.6	30	12.4
Postpartum Depression (% with a recent live birth)	*	12.9	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	30.2	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	23.9	33	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	62.5	*	25.8
Sleep Position (% with a recent live birth)	*	83.3	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	11.3	35	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	19.7	40	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.3	28	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	30.3	16	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	78	27	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	26.6	34	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.1	16	98.3
Well-Baby Check (% ages 0–2)	++++	85.1	14	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	6.5	33	3.9
Low Birthweight (% of live births)	++	8.8	34	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.4	35	2.6
Preterm Birth (% of live births)	+++	10.2	29	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	80.2	42	91.0
Overweight or Obesity (% ages 10–17)	++	32.5	39	21.9
Substance Use Disorder (% ages 12–17)	++++	3.9	13	3.2
Tobacco Use (% ages 12–17)	+++	5.5	23	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	22.0	28	14.8
Neighborhood Amenities (% ages 0–17)	++++	37.6	18	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	12.5	27	21.9
Supportive Neighborhoods (% ages 0–17)	+++	58.0	27	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.0	29	82.9
Children With Health Insurance (% ages 0–17)	++++	95.8	17	98.4
Homeless Family Households (number per 10,000)	++++	3.8	19	1.4
Water Fluoridation (% served)	++++	91.7	13	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	81.3	15	90.9
Developmental Screening (% ages 9 months–5 years)	+++	33.2	25	60.0
Immunizations—Adolescents (mean z score)	+++++	0.908	5	1.518
HPV Female (% ages 13–17)	++++	60.4	14	76.8
HPV Male (% ages 13–17)	++++	48.5	19	78.4
Meningococcal (% ages 13–17)	+++++	93.5	5	95.3
Tdap (% ages 13–17)	+++++	93.4	6	96.2
Immunizations—Children (% ages 19–35 months)	+++	69.9	29	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	49.9	9	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	27.4	28	16.3
Missed School Days (% ages 6–17)	++	4.3	36	1.8
Teen Births (births per 1,000 ages 15–19)	+++	16.4	21	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	12.4	25	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Minnesota

**OVERALL  
RANK:**  
**6**



	2016	2018	2019
Women	<b>2</b>	<b>3</b>	<b>1</b>
Infants	<b>10</b>	<b>10</b>	<b>10</b>
Children	<b>6</b>	<b>6</b>	<b>7</b>
<b>Overall</b>	<b>5</b>	<b>5</b>	<b>6</b>

Annual Report Rank: **7**

Senior Report Rank: **4**

## Strengths:

- High flu vaccination coverage among women
- Low prevalence of low birthweight
- High prevalence of supportive neighborhoods

## Challenges:

- High prevalence of excessive drinking among women
- High cost of infant child care
- Low prevalence of children with adequate health insurance

## State Health Department Website:

[health.state.mn.us](http://health.state.mn.us)

## Highlights:

- In the past year, the percentage of infants exclusively breastfed for six months increased 23% from 30.2% to 37.2%
- In the past year, tobacco use during pregnancy decreased 14% from 9.4% to 8.1% of live births
- In the past year, immunizations among children ages 19-35 months decreased 10% from 73.8% to 66.1%
- In the past three years, meningococcal immunization among children ages 13-17 increased 16% from 75.5% to 87.5%
- In the past three years, smoking among women ages 18-44 decreased 20% from 18.8% to 15.1%
- In the past three years, tobacco use among youth ages 12-17 decreased 31% from 7.5% to 5.2%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	13				
Infants	+++++	2				
Children	++++	17				
<b>Total</b>	+++++	6				
<b>Community &amp; Environment</b>						
Women	+++++	5				
Infants	++	35				
Children	+++++	1				
<b>Total</b>	+++++	7				
<b>Policy</b>						
Women	+++++	8				
Infants	+++++	10				
Children	+++	27				
<b>Total</b>	+++++	10				
<b>Clinical Care</b>						
Women	+++++	10				
Infants	++++	14				
Children	+++	22				
<b>Total</b>	++++	12				
<b>Outcomes</b>						
Women	+++++	1				
Infants	+++++	7				
Children	+++++	6				
<b>Total</b>	+++++	3				
<b>Overall</b>						
Women	+++++	1				
Infants	+++++	10				
Children	+++++	7				
<b>Total</b>	+++++	6				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,388.2	11	906.1
Excessive Drinking (% ages 18–44)	+	24.0	45	12.2
Obesity (% ages 18–44)	++++	23.8	11	18.5
Physical Inactivity (% ages 18–44)	+++++	17.3	9	12.4
Smoking (% ages 18–44)	++++	15.1	19	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	8.4	7	2.5
Food Insecurity (% of households)	+++++	9.5	6	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.9	9	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	0.0	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	93.0	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	29	17	63
Uninsured (% ages 19–44)	+++++	5.4	2	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	81.1	23	85.8
Dedicated Health Care Provider (% ages 18–44)	++	71.1	36	87.5
Dental Visit (% ages 18–44)	+++++	75.7	6	78.9
Flu Vaccination (% ages 18–44)	+++++	44.1	3	48.7
Well-Woman Visit (% ages 18–44)	++++	69.6	14	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	1.9	2	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	11.2	11	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	17.3	6	12.4
Postpartum Depression (% with a recent live birth)	*	11.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	19.8	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	37.2	3	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	66.4	*	25.8
Sleep Position (% with a recent live birth)	*	96.3	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	8.1	21	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.1	13	7.1
Infant Child Care Cost (% of married couple's median income)	+	15.5	46	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	30.6	15	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	82	13	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.4	16	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	96.2	7	98.3
Well-Baby Check (% ages 0–2)	++	79.7	37	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.2	12	3.9
Low Birthweight (% of live births)	+++++	6.7	4	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.4	13	2.6
Preterm Birth (% of live births)	++++	8.9	11	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	82.7	34	91.0
Overweight or Obesity (% ages 10–17)	+++++	26.2	10	21.9
Substance Use Disorder (% ages 12–17)	+++	4.3	26	3.2
Tobacco Use (% ages 12–17)	++++	5.2	20	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	17.2	6	14.8
Neighborhood Amenities (% ages 0–17)	+++++	47.6	9	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	17.3	7	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	63.2	4	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	67.6	48	82.9
Children With Health Insurance (% ages 0–17)	++++	96.1	13	98.4
Homeless Family Households (number per 10,000)	++	7.0	40	1.4
Water Fluoridation (% served)	+++++	98.8	2	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	76.5	36	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	51.3	2	60.0
Immunizations—Adolescents (mean z score)	+++	-0.065	29	1.518
HPV Female (% ages 13–17)	++	48.6	33	76.8
HPV Male (% ages 13–17)	+++	45.4	27	78.4
Meningococcal (% ages 13–17)	++++	87.5	19	95.3
Tdap (% ages 13–17)	++	87.5	34	96.2
Immunizations—Children (% ages 19–35 months)	+	66.1	48	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	51.5	6	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	21.5	10	16.3
Missed School Days (% ages 6–17)	+++++	3.0	8	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	12.1	7	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	12.8	27	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Mississippi

**OVERALL  
RANK:  
50**



	2016	2018	2019
Women	<b>50</b>	<b>47</b>	<b>47</b>
Infants	<b>50</b>	<b>50</b>	<b>50</b>
Children	<b>50</b>	<b>50</b>	<b>49</b>
<b>Overall</b>	<b>50</b>	<b>50</b>	<b>50</b>

Annual Report Rank: **49**

Senior Report Rank: **50**

## Strengths:

- Low prevalence of excessive drinking among women
- Low cost of infant child care
- High prevalence of children with adequate health insurance

## Challenges:

- High percentage of uninsured women
- Low percentage of infants exclusively breastfed for six months
- High prevalence of overweight or obesity among children

## State Health Department Website:

[msdh.ms.gov](http://msdh.ms.gov)

## Highlights:

- In the past year, the percentage of infants exclusively breastfed for six months increased 17% from 11.1% to 13.0%
- In the past year, tobacco use during pregnancy decreased 13% from 10.2% to 8.9% of live births
- In the past year, teen births decreased 11% from 34.8 to 31.0 births per 1,000 females ages 15-19
- In the past three years, meningococcal immunization among children ages 13-17 increased 37% from 46.0% to 63.0%
- In the past three years, Tdap immunization among children ages 13-17 increased 31% from 70.8% to 92.4%
- In the past three years, physical inactivity among women ages 18-44 decreased 20% from 34.4% to 27.6%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	48	.....◆.....	◆	◆	.....
Infants	+	48	.....◆.....	◆	◆	.....
Children	+	47	.....◆.....	◆	◆	.....
<b>Total</b>	+	50	.....◆.....	◆	◆	.....
<b>Community &amp; Environment</b>						
Women	+	50	◆.....◆.....	◆	◆	.....
Infants	++++	18	.....◆.....	◆	◆	.....
Children	+	50	◆.....◆.....	◆	◆	.....
<b>Total</b>	+	50	◆.....◆.....	◆	◆	.....
<b>Policy</b>						
Women	+	43	.....◆.....	◆	◆	.....
Infants	+	50	◆.....◆.....	◆	◆	.....
Children	++++	13	.....◆.....	◆	◆	.....
<b>Total</b>	+	46	.....◆.....	◆	◆	.....
<b>Clinical Care</b>						
Women	+++	27	.....◆.....	◆	◆	.....
Infants	+	46	.....◆.....	◆	◆	.....
Children	+	50	◆.....◆.....	◆	◆	.....
<b>Total</b>	+	44	.....◆.....	◆	◆	.....
<b>Outcomes</b>						
Women	+++	29	.....◆.....	◆	◆	.....
Infants	+	50	◆.....◆.....	◆	◆	.....
Children	+	48	.....◆.....	◆	◆	.....
<b>Total</b>	+	48	.....◆.....	◆	◆	.....
<b>Overall</b>						
Women	+	47	.....◆.....	◆	◆	.....
Infants	+	50	◆.....◆.....	◆	◆	.....
Children	+	49	.....◆.....	◆	◆	.....
<b>Total</b>	+	50	.....◆.....	◆	◆	.....

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	2,297.5	48	906.1
Excessive Drinking (% ages 18–44)	+++++	12.4	3	12.2
Obesity (% ages 18–44)	+	38.0	49	18.5
Physical Inactivity (% ages 18–44)	+	27.6	46	12.4
Smoking (% ages 18–44)	+	24.3	46	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	43.5	50	2.5
Food Insecurity (% of households)	+	17.2	47	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	39.7	37	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	28	22	63
Uninsured (% ages 19–44)	+	19.1	46	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	85.3	3	85.8
Dedicated Health Care Provider (% ages 18–44)	++	72.1	32	87.5
Dental Visit (% ages 18–44)	++	66.6	32	78.9
Flu Vaccination (% ages 18–44)	+	28.1	47	48.7
Well-Woman Visit (% ages 18–44)	+++	66.4	27	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.8	40	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	10.4	9	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	27.2	28	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	13.0	50	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	8.9	25	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	24.8	49	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	7.3	1	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	12.5	40	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	60	50	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	30.8	49	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.2	14	98.3
Well-Baby Check (% ages 0–2)	+	78.0	45	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	9.1	50	3.9
Low Birthweight (% of live births)	+	11.6	50	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	5.5	50	2.6
Preterm Birth (% of live births)	+	13.6	50	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	83.0	33	91.0
Overweight or Obesity (% ages 10–17)	+	39.2	50	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.5	6	3.2
Tobacco Use (% ages 12–17)	+	7.6	43	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	25.5	41	14.8
Neighborhood Amenities (% ages 0–17)	+	15.3	50	59.2
Protective Family Routines and Habits (% ages 0–17)	+	6.1	50	21.9
Supportive Neighborhoods (% ages 0–17)	++	56.3	32	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	77.8	11	82.9
Children With Health Insurance (% ages 0–17)	+++	95.3	22	98.4
Homeless Family Households (number per 10,000)	+++++	1.6	3	1.4
Water Fluoridation (% served)	++	60.0	37	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	77.0	34	90.9
Developmental Screening (% ages 9 months–5 years)	+	18.6	49	60.0
Immunizations—Adolescents (mean z score)	+	-1.033	46	1.518
HPV Female (% ages 13–17)	+	34.4	49	76.8
HPV Male (% ages 13–17)	+	23.4	50	78.4
Meningococcal (% ages 13–17)	+	63.0	49	95.3
Tdap (% ages 13–17)	++++	92.4	11	96.2
Immunizations—Children (% ages 19–35 months)	++	68.7	38	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	43.8	32	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	39.8	48	16.3
Missed School Days (% ages 6–17)	++	4.4	39	1.8
Teen Births (births per 1,000 ages 15–19)	+	31.0	49	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	9.6	16	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Missouri

**OVERALL  
RANK:  
37**


	2016	2018	2019
Women	40	46	38
Infants	38	39	39
Children	29	36	32
<b>Overall</b>	<b>35</b>	<b>41</b>	<b>37</b>

Annual Report Rank: **38**Senior Report Rank: **39**
**Strengths:**

- High percentage of high school graduation
- High percentage of infants exclusively breastfed for six months
- High flu vaccination coverage among women

**Challenges:**

- High prevalence of 2+ adverse childhood experiences
- High prevalence of tobacco use during pregnancy
- High maternal mortality rate

**State Health Department Website:**

health.mo.gov

**Highlights:**

- In the past year, meningococcal immunization among children ages 13-17 increased 12% from 66.2% to 74.3%
- In the past year, HPV immunization among females ages 13-17 increased 17% from 38.5% to 45.2%
- In the past three years, drug deaths increased 26% from 17.1 to 21.5 deaths per 100,000 females ages 15-44
- In the past three years, child mortality increased 14% from 29.3 to 33.3 deaths per 100,000 children ages 1-19
- In the past three years, teen suicide increased 54% from 9.7 to 14.9 deaths per 100,000 adolescents ages 15-19
- In the past three years, food insecurity decreased 24% from 16.8% to 12.8% of households

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	42				
Infants	++	35				
Children	++++	15				
<b>Total</b>	++	32				
<b>Community &amp; Environment</b>						
Women	++	34				
Infants	+	44				
Children	++	33				
<b>Total</b>	++	39				
<b>Policy</b>						
Women	+	41				
Infants	++	39				
Children	+++	23				
<b>Total</b>	++	38				
<b>Clinical Care</b>						
Women	++	35				
Infants	+++	22				
Children	+	43				
<b>Total</b>	++	36				
<b>Outcomes</b>						
Women	++	39				
Infants	++	34				
Children	++	32				
<b>Total</b>	++	36				
<b>Overall</b>						
Women	++	38				
Infants	++	39				
Children	++	32				
<b>Total</b>	++	37				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,729.0	36	906.1
Excessive Drinking (% ages 18–44)	++	21.6	36	12.2
Obesity (% ages 18–44)	++	30.3	33	18.5
Physical Inactivity (% ages 18–44)	++	23.9	35	12.4
Smoking (% ages 18–44)	+	22.0	41	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	16.6	20	2.5
Food Insecurity (% of households)	+++	12.8	29	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	41.8	44	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	3.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	87.8	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	18	40	63
Uninsured (% ages 19–44)	++	13.9	37	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	80.1	29	85.8
Dedicated Health Care Provider (% ages 18–44)	++	71.5	35	87.5
Dental Visit (% ages 18–44)	+	61.8	44	78.9
Flu Vaccination (% ages 18–44)	++++	38.2	14	48.7
Well-Woman Visit (% ages 18–44)	++	64.0	33	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.9	29	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	21.5	37	5.3
Maternal Mortality (deaths per 100,000 live births)	+	40.7	44	12.4
Postpartum Depression (% with a recent live birth)	*	13.9	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	34.5	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	31.3	10	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	61.5	*	25.8
Sleep Position (% with a recent live birth)	*	81.9	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	14.5	46	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	21.3	42	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.0	23	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	13.2	37	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	75	37	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.8	18	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	94.4	21	98.3
Well-Baby Check (% ages 0–2)	+++	82.1	27	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	6.5	33	3.9
Low Birthweight (% of live births)	++	8.7	31	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	4.0	25	2.6
Preterm Birth (% of live births)	++	10.6	38	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	88.3	12	91.0
Overweight or Obesity (% ages 10–17)	++++	27.7	17	21.9
Substance Use Disorder (% ages 12–17)	++++	3.7	11	3.2
Tobacco Use (% ages 12–17)	++	7.3	40	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	25.9	44	14.8
Neighborhood Amenities (% ages 0–17)	+++	36.2	24	59.2
Protective Family Routines and Habits (% ages 0–17)	++	11.8	35	21.9
Supportive Neighborhoods (% ages 0–17)	+++	58.8	22	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	76.3	17	82.9
Children With Health Insurance (% ages 0–17)	++	93.7	38	98.4
Homeless Family Households (number per 10,000)	+++	4.6	25	1.4
Water Fluoridation (% served)	+++	76.8	26	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	79.4	26	90.9
Developmental Screening (% ages 9 months–5 years)	+	25.7	41	60.0
Immunizations—Adolescents (mean z score)	+	-1.403	48	1.518
HPV Female (% ages 13–17)	+	45.2	43	76.8
HPV Male (% ages 13–17)	+	34.2	41	78.4
Meningococcal (% ages 13–17)	+	74.3	44	95.3
Tdap (% ages 13–17)	+	80.1	48	96.2
Immunizations—Children (% ages 19–35 months)	+++	71.2	21	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	48.6	12	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	33.3	42	16.3
Missed School Days (% ages 6–17)	+++++	2.8	5	1.8
Teen Births (births per 1,000 ages 15–19)	++	22.5	37	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	14.9	39	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Montana

MONTANA

**OVERALL  
RANK:  
27**


	2016	2018	2019
Women	23	17	16
Infants	24	17	18
Children	46	43	45
<b>Overall</b>	<b>31</b>	<b>28</b>	<b>27</b>

Annual Report Rank: **21**Senior Report Rank: **27**
**Strengths:**

- Low prevalence of diabetes among women
- High percentage of infants exclusively breastfed for six months
- Low prevalence of overweight or obesity among children

**Challenges:**

- High maternal mortality rate
- High prevalence of tobacco use during pregnancy
- High teen suicide rate

**State Health Department Website:**

dphhs.mt.gov

**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 72% from 27.9% to 48.1%
- In the past year, HPV immunization among females ages 13-17 decreased 5% from 52.5% to 50.1%
- In the past year, low birthweight increased 13% from 7.1% to 8.0% of live births
- In the past three years, teen suicide increased 26% from 19.2 to 24.1 deaths per 100,000 adolescents ages 15-19
- In the past three years, meningococcal immunization among children ages 13-17 increased 18% from 60.2% to 71.2%
- In the past three years, smoking among women ages 18-44 decreased 11% from 23.1% to 20.6%

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	13				
Infants	++++	19				
Children	+	44				
<b>Total</b>	+++	24				
<b>Community &amp; Environment</b>						
Women	++++	17				
Infants	+++	29				
Children	+++	27				
<b>Total</b>	+++	22				
<b>Policy</b>						
Women	+++++	9				
Infants	++++	13				
Children	++	40				
<b>Total</b>	++++	14				
<b>Clinical Care</b>						
Women	+++	25				
Infants	++	31				
Children	++	32				
<b>Total</b>	++	31				
<b>Outcomes</b>						
Women	++++	18				
Infants	++++	16				
Children	+	50				
<b>Total</b>	++	32				
<b>Overall</b>						
Women	++++	16				
Infants	++++	18				
Children	+	45				
<b>Total</b>	+++	27				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,548.2	24	906.1
Excessive Drinking (% ages 18–44)	++	20.8	31	12.2
Obesity (% ages 18–44)	+++++	23.0	8	18.5
Physical Inactivity (% ages 18–44)	+++++	15.3	4	12.4
Smoking (% ages 18–44)	++	20.6	37	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	8.3	6	2.5
Food Insecurity (% of households)	++++	11.4	20	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	37.2	25	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	41	5	63
Uninsured (% ages 19–44)	+++	11.3	24	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.9	13	85.8
Dedicated Health Care Provider (% ages 18–44)	++	71.0	37	87.5
Dental Visit (% ages 18–44)	++++	69.8	18	78.9
Flu Vaccination (% ages 18–44)	++++	37.4	15	48.7
Well-Woman Visit (% ages 18–44)	++	62.3	37	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	1.9	2	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	12.9	15	5.3
Maternal Mortality (deaths per 100,000 live births)	+	40.7	44	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	35.7	4	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	15.0	47	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	18.1	35	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.0	23	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	27.9	17	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	82	13	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.8	18	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	94.0	25	98.3
Well-Baby Check (% ages 0–2)	++	80.7	35	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	5.8	21	3.9
Low Birthweight (% of live births)	+++	8.0	21	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	3.0	6	2.6
Preterm Birth (% of live births)	+++	9.5	21	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	85.8	27	91.0
Overweight or Obesity (% ages 10–17)	+++++	25.5	8	21.9
Substance Use Disorder (% ages 12–17)	+	6.3	49	3.2
Tobacco Use (% ages 12–17)	+	8.3	46	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	25.9	43	14.8
Neighborhood Amenities (% ages 0–17)	++	27.9	40	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	18.5	3	21.9
Supportive Neighborhoods (% ages 0–17)	++++	59.7	16	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	72.2	34	82.9
Children With Health Insurance (% ages 0–17)	++++	96.0	14	98.4
Homeless Family Households (number per 10,000)	++	5.1	33	1.4
Water Fluoridation (% served)	+	33.7	46	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	79.3	28	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	39.4	8	60.0
Immunizations—Adolescents (mean z score)	++	-0.415	37	1.518
HPV Female (% ages 13–17)	+++	50.1	29	76.8
HPV Male (% ages 13–17)	+++	48.1	22	78.4
Meningococcal (% ages 13–17)	+	71.2	46	95.3
Tdap (% ages 13–17)	+++	90.4	21	96.2
Immunizations—Children (% ages 19–35 months)	+	66.2	47	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	39.9	44	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	36.7	46	16.3
Missed School Days (% ages 6–17)	+	5.3	48	1.8
Teen Births (births per 1,000 ages 15–19)	+++	21.2	30	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	24.1	47	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Nebraska

**OVERALL  
RANK:  
28**


	2016	2018	2019
Women	22	22	23
Infants	11	24	41
Children	20	15	19
<b>Overall</b>	<b>17</b>	<b>22</b>	<b>28</b>

Annual Report Rank: **15**Senior Report Rank: **23**
**Strengths:**

- Low drug death rate among women
- Low prevalence of low birthweight
- High immunization coverage among children

**Challenges:**

- Low prevalence of well-woman visits
- High cost of infant child care
- Low prevalence of children with adequate health insurance

**State Health Department Website:**

dhhs.ne.gov

**Highlights:**

- In the past year, low birthweight increased 6% from 7.1% to 7.5% of live births
- In the past year, HPV immunization among males ages 13-17 increased 34% from 41.3% to 55.3%
- In the past year, HPV immunization among females ages 13-17 increased 21% from 50.6% to 61.4%
- In the past three years, smoking among women ages 18-44 decreased 18% from 20.0% to 16.4%
- In the past three years, tobacco use among youth ages 12-17 decreased 44% from 9.0% to 5.0%
- In the past three years, obesity among women ages 18-44 increased 16% from 25.8% to 29.8%

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	26				
Infants	++	35				
Children	+++++	7				
<b>Total</b>	++++	19				
<b>Community &amp; Environment</b>						
Women	++++	19				
Infants	+	47				
Children	+++	25				
<b>Total</b>	+++	27				
<b>Policy</b>						
Women	++	36				
Infants	+	48				
Children	++	36				
<b>Total</b>	+	42				
<b>Clinical Care</b>						
Women	+++	23				
Infants	++	36				
Children	+++++	8				
<b>Total</b>	++++	20				
<b>Outcomes</b>						
Women	+++++	5				
Infants	+++	22				
Children	++	37				
<b>Total</b>	++++	18				
<b>Overall</b>						
Women	+++	23				
Infants	+	41				
Children	++++	19				
<b>Total</b>	+++	28				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,479.9	16	906.1
Excessive Drinking (% ages 18–44)	++	22.1	37	12.2
Obesity (% ages 18–44)	++	29.8	31	18.5
Physical Inactivity (% ages 18–44)	++++	18.8	17	12.4
Smoking (% ages 18–44)	+++	16.4	23	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	11.9	12	2.5
Food Insecurity (% of households)	++	13.5	36	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.7	8	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	20	36	63
Uninsured (% ages 19–44)	++	12.7	33	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	77.1	46	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	77.8	17	87.5
Dental Visit (% ages 18–44)	++++	70.2	16	78.9
Flu Vaccination (% ages 18–44)	+++++	43.3	5	48.7
Well-Woman Visit (% ages 18–44)	++	62.4	36	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.7	19	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	6.3	2	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	22.7	16	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	25.4	29	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	9.6	28	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	18.0	34	7.1
Infant Child Care Cost (% of married couple's median income)	+	14.4	41	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	12.8	38	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	71	48	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	24.9	26	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	94.6	19	98.3
Well-Baby Check (% ages 0–2)	++	79.1	40	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	5.9	23	3.9
Low Birthweight (% of live births)	++++	7.5	15	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.7	19	2.6
Preterm Birth (% of live births)	+++	9.9	28	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	89.1	8	91.0
Overweight or Obesity (% ages 10–17)	+++	28.9	21	21.9
Substance Use Disorder (% ages 12–17)	++++	4.0	17	3.2
Tobacco Use (% ages 12–17)	++++	5.0	17	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	18.9	16	14.8
Neighborhood Amenities (% ages 0–17)	++	32.4	33	59.2
Protective Family Routines and Habits (% ages 0–17)	++	12.0	32	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	61.9	9	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	70.3	40	82.9
Children With Health Insurance (% ages 0–17)	++	94.5	31	98.4
Homeless Family Households (number per 10,000)	+++	4.9	29	1.4
Water Fluoridation (% served)	+++	71.6	29	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	76.1	39	90.9
Developmental Screening (% ages 9 months–5 years)	++	25.9	40	60.0
Immunizations—Adolescents (mean z score)	+++++	0.597	12	1.518
HPV Female (% ages 13–17)	++++	61.4	12	76.8
HPV Male (% ages 13–17)	+++++	55.3	7	78.4
Meningococcal (% ages 13–17)	+++	84.8	24	95.3
Tdap (% ages 13–17)	++++	92.3	14	96.2
Immunizations—Children (% ages 19–35 months)	+++++	77.9	5	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	57.0	1	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	25.3	20	16.3
Missed School Days (% ages 6–17)	+	5.0	47	1.8
Teen Births (births per 1,000 ages 15–19)	+++	18.1	23	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	14.1	36	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Nevada

NEVADA

**OVERALL  
RANK:  
46**


	2016	2018	2019
Women	42	44	44
Infants	40	38	44
Children	48	47	46
<b>Overall</b>	<b>47</b>	<b>45</b>	<b>46</b>

Annual Report Rank: **36**Senior Report Rank: **38**
**Strengths:**

- Low maternal mortality rate
- Low prevalence of tobacco use during pregnancy
- Low prevalence of homeless family households

**Challenges:**

- Low flu vaccination coverage among women
- Low prevalence of well-baby visits
- Low prevalence of supportive neighborhoods

**State Health Department Website:**
[dhhs.nv.gov](http://dhhs.nv.gov)
**Highlights:**

- In the past year, low birthweight increased 7% from 8.5% to 9.1% of live births
- In the past year, chlamydia increased 11% from 1,498.5 to 1,668.3 cases per 100,000 females ages 15-44
- In the past year, HPV immunization among females ages 13-17 increased 23% from 43.0% to 52.9%
- In the past three years, tobacco use among youth ages 12-17 decreased 39% from 7.6% to 4.6%
- In the past three years, teen suicide increased 63% from 8.3 to 13.5 deaths per 100,000 adolescents ages 15-19
- In the past three years, smoking among women ages 18-44 decreased 14% from 14.6% to 12.5%

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	20	.....◆.....			
Infants	+++	26	.....◆.....			
Children	++	32	.....◆.....			
<b>Total</b>	+++	27	.....◆.....			
<b>Community &amp; Environment</b>						
Women	+	42	.....◆.....			
Infants	+	49	.....◆.....			
Children	+	46	.....◆.....			
<b>Total</b>	+	49	.....◆.....			
<b>Policy</b>						
Women	+	47	.....◆.....			
Infants	++	38	.....◆.....			
Children	++	38	.....◆.....			
<b>Total</b>	+	49	.....◆.....			
<b>Clinical Care</b>						
Women	+	49	.....◆.....			
Infants	+	49	.....◆.....			
Children	+	48	.....◆.....			
<b>Total</b>	+	49	.....◆.....			
<b>Outcomes</b>						
Women	++++	17	.....◆.....			
Infants	+++	28	.....◆.....			
Children	+++	28	.....◆.....			
<b>Total</b>	+++	25	.....◆.....			
<b>Overall</b>						
Women	+	44	.....◆.....			
Infants	+	44	.....◆.....			
Children	+	46	.....◆.....			
<b>Total</b>	+	46	.....◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,668.3	33	906.1
Excessive Drinking (% ages 18–44)	++++	18.5	18	12.2
Obesity (% ages 18–44)	++++	25.2	15	18.5
Physical Inactivity (% ages 18–44)	++	25.6	38	12.4
Smoking (% ages 18–44)	+++++	12.5	9	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	27.7	39	2.5
Food Insecurity (% of households)	+++	12.4	27	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	43.8	49	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	10	49	63
Uninsured (% ages 19–44)	++	15.5	40	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	77.8	41	85.8
Dedicated Health Care Provider (% ages 18–44)	+	60.8	50	87.5
Dental Visit (% ages 18–44)	+	58.8	49	78.9
Flu Vaccination (% ages 18–44)	+	26.5	50	48.7
Well-Woman Visit (% ages 18–44)	+++	64.7	30	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.3	34	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	16.9	25	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	14.0	3	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	20.8	44	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.2	6	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	17.7	33	7.1
Infant Child Care Cost (% of married couple's median income)	+	15.0	42	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	16.3	34	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	75	37	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	28.6	44	17.7
Prenatal Care Before Third Trimester (% of live births)	+	91.1	46	98.3
Well-Baby Check (% ages 0–2)	+	76.0	50	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.5	17	3.9
Low Birthweight (% of live births)	++	9.1	39	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.4	13	2.6
Preterm Birth (% of live births)	++	10.7	40	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	80.9	40	91.0
Overweight or Obesity (% ages 10–17)	+++	29.0	22	21.9
Substance Use Disorder (% ages 12–17)	+	5.2	41	3.2
Tobacco Use (% ages 12–17)	++++	4.6	12	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	24.4	36	14.8
Neighborhood Amenities (% ages 0–17)	++++	40.8	13	59.2
Protective Family Routines and Habits (% ages 0–17)	+	9.6	46	21.9
Supportive Neighborhoods (% ages 0–17)	+	39.8	50	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	69.7	41	82.9
Children With Health Insurance (% ages 0–17)	+	92.6	42	98.4
Homeless Family Households (number per 10,000)	+++++	2.4	8	1.4
Water Fluoridation (% served)	+++	73.7	28	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	71.7	45	90.9
Developmental Screening (% ages 9 months–5 years)	+	24.1	44	60.0
Immunizations—Adolescents (mean z score)	+	-0.795	43	1.518
HPV Female (% ages 13–17)	+++	52.9	27	76.8
HPV Male (% ages 13–17)	+++	45.3	28	78.4
Meningococcal (% ages 13–17)	++	77.3	40	95.3
Tdap (% ages 13–17)	+	82.5	46	96.2
Immunizations—Children (% ages 19–35 months)	++++	71.3	20	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	29.5	50	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	28.3	33	16.3
Missed School Days (% ages 6–17)	++++	3.3	13	1.8
Teen Births (births per 1,000 ages 15–19)	++	21.9	33	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	13.5	32	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# New Hampshire

**OVERALL  
RANK:**  
**3**



	2016	2018	2019
Women	11	8	11
Infants	1	1	1
Children	3	3	3
<b>Overall</b>	<b>3</b>	<b>2</b>	<b>3</b>

Annual Report Rank: **6**

Senior Report Rank: **6**

#### Strengths:

- Low prevalence of food insecurity
- Low infant mortality rate
- Low teen birth rate

#### Challenges:

- High prevalence of smoking among women
- High prevalence of tobacco use during pregnancy
- High prevalence of tobacco use among adolescents

#### State Health Department Website:

[dhhs.nh.gov](http://dhhs.nh.gov)

#### Highlights:

- In the past year, teen births decreased 23% from 10.9 to 8.4 births per 1,000 females ages 15-19
- In the past year, HPV immunization among males ages 13-17 increased 23% from 46.3% to 56.9%
- In the past year, HPV immunization among females ages 13-17 increased 12% from 56.5% to 63.0%
- In the past three years, drug deaths increased 96% from 17.2 to 33.7 deaths per 100,000 females ages 15-44
- In the past three years, teen suicide increased 47% from 8.1 to 11.9 deaths per 100,000 adolescents ages 15-19
- In the past three years, tobacco use during pregnancy decreased 18% from 13.7% to 11.3% of live births

## SUMMARY

	Rating	State Rank	Least Healthy State	◆ State Score	◇ US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	20				
Infants	+++	22				
Children	+++++	8				
<b>Total</b>	++++	15				
<b>Community &amp; Environment</b>						
Women	+++++	2				
Infants	+++++	10				
Children	+++++	8				
<b>Total</b>	+++++	5				
<b>Policy</b>						
Women	++++	16				
Infants	+++++	3				
Children	+++	30				
<b>Total</b>	+++++	6				
<b>Clinical Care</b>						
Women	+++++	7				
Infants	+++++	4				
Children	+++++	2				
<b>Total</b>	+++++	5				
<b>Outcomes</b>						
Women	++	33				
Infants	+++++	2				
Children	+++++	6				
<b>Total</b>	+++++	7				
<b>Overall</b>						
Women	++++	11				
Infants	+++++	1				
Children	+++++	3				
<b>Total</b>	+++++	3				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	935.9	2	906.1
Excessive Drinking (% ages 18–44)	+	23.8	43	12.2
Obesity (% ages 18–44)	++++	25.3	16	18.5
Physical Inactivity (% ages 18–44)	++++	18.9	18	12.4
Smoking (% ages 18–44)	+	23.2	44	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	4.2	4	2.5
Food Insecurity (% of households)	+++++	9.4	5	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	34.7	14	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	0.8	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	95.1	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	29	17	63
Uninsured (% ages 19–44)	++++	8.6	17	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	85.8	1	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	85.4	4	87.5
Dental Visit (% ages 18–44)	+++	68.1	27	78.9
Flu Vaccination (% ages 18–44)	+++	35.9	24	48.7
Well-Woman Visit (% ages 18–44)	+++	67.8	21	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.3	7	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	33.7	47	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	22.8	17	12.4
Postpartum Depression (% with a recent live birth)	*	16.2	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	19.9	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	30.2	11	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	74.2	*	25.8
Sleep Position (% with a recent live birth)	*	86.0	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	11.3	35	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	13.7	10	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.0	23	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	49.4	5	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	90	2	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	25.2	29	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	96.3	5	98.3
Well-Baby Check (% ages 0–2)	+++++	89.7	4	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	3.9	1	3.9
Low Birthweight (% of live births)	+++++	6.9	8	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	2.8	4	2.6
Preterm Birth (% of live births)	+++++	8.3	2	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	88.9	10	91.0
Overweight or Obesity (% ages 10–17)	+++++	24.4	4	21.9
Substance Use Disorder (% ages 12–17)	+++	4.3	26	3.2
Tobacco Use (% ages 12–17)	++	6.4	32	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	18.5	14	14.8
Neighborhood Amenities (% ages 0–17)	+++	34.3	28	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	17.8	5	21.9
Supportive Neighborhoods (% ages 0–17)	++++	59.2	18	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	72.2	33	82.9
Children With Health Insurance (% ages 0–17)	+++++	98.1	3	98.4
Homeless Family Households (number per 10,000)	++	6.2	38	1.4
Water Fluoridation (% served)	+	46.6	44	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	87.5	3	90.9
Developmental Screening (% ages 9 months–5 years)	+++	35.1	23	60.0
Immunizations—Adolescents (mean z score)	+++++	1.002	4	1.518
HPV Female (% ages 13–17)	+++++	63.0	8	76.8
HPV Male (% ages 13–17)	+++++	56.9	5	78.4
Meningococcal (% ages 13–17)	++++	87.9	17	95.3
Tdap (% ages 13–17)	+++++	95.1	2	96.2
Immunizations—Children (% ages 19–35 months)	+++++	78.9	3	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	50.9	7	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	19.7	6	16.3
Missed School Days (% ages 6–17)	++	3.9	32	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	8.4	2	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	11.9	24	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# New Jersey

**OVERALL  
RANK:**  
**8**



	2016	2018	2019
Women	15	20	18
Infants	30	15	8
Children	17	10	8
<b>Overall</b>	<b>19</b>	<b>12</b>	<b>8</b>

Annual Report Rank: **11**

Senior Report Rank: **21**

#### Strengths:

- Low prevalence of food insecurity
- Low prevalence of household smoke
- Low prevalence of 2+ adverse childhood experiences

#### Challenges:

- High maternal mortality rate
- High percentage of low-risk cesarean deliveries
- Low prevalence of children with adequate health insurance

#### State Health Department Website:

[state.nj.us/health](http://state.nj.us/health)

#### Highlights:

- In the past year, HPV immunization among males ages 13-17 increased 27% from 35.8% to 45.5%
- In the past year, teen births decreased 15% from 12.1 to 10.3 births per 1,000 females ages 15-19
- In the past year, chlamydia increased 9% from 1,252.5 to 1,359.6 cases per 100,000 females ages 15-44
- In the past three years, tobacco use among youth ages 12-17 decreased 43% from 7.2% to 4.1%
- In the past three years, food insecurity decreased 26% from 11.7% to 8.6% of households
- In the past three years, drug deaths increased 49% from 11.6 to 17.3 deaths per 100,000 females ages 15-44

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	11				
Infants	++++	12				
Children	+++++	2				
<b>Total</b>	+++++	5				
<b>Community &amp; Environment</b>						
Women	++++	14				
Infants	+++++	2				
Children	+++++	6				
<b>Total</b>	+++++	4				
<b>Policy</b>						
Women	++	31				
Infants	++++	19				
Children	+	49				
<b>Total</b>	++	37				
<b>Clinical Care</b>						
Women	+++++	9				
Infants	++++	20				
Children	++++	20				
<b>Total</b>	++++	14				
<b>Outcomes</b>						
Women	++	36				
Infants	++++	12				
Children	+++++	1				
<b>Total</b>	+++++	10				
<b>Overall</b>						
Women	++++	18				
Infants	+++++	8				
Children	+++++	8				
<b>Total</b>	+++++	8				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	1,359.6	9	906.1
Excessive Drinking (% ages 18–44)	++++	17.6	13	12.2
Obesity (% ages 18–44)	+++++	22.2	6	18.5
Physical Inactivity (% ages 18–44)	+	27.8	47	12.4
Smoking (% ages 18–44)	+++++	11.8	4	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	19.9	25	2.5
Food Insecurity (% of households)	+++++	8.6	2	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	35.8	19	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.1	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	89.4	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	22	32	63
Uninsured (% ages 19–44)	+++	11.8	28	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	82.4	12	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	76.2	20	87.5
Dental Visit (% ages 18–44)	+++++	78.9	1	78.9
Flu Vaccination (% ages 18–44)	++	33.1	33	48.7
Well-Woman Visit (% ages 18–44)	+++++	73.3	3	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.8	23	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	17.3	27	5.3
Maternal Mortality (deaths per 100,000 live births)	+	46.4	47	12.4
Postpartum Depression (% with a recent live birth)	*	13.2	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	25.3	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	24.4	30	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	50.7	*	25.8
Sleep Position (% with a recent live birth)	*	75.0	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	3.7	4	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	11.3	4	7.1
Infant Child Care Cost (% of married couple's median income)	++++	10.7	11	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	18.9	27	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	83	10	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	29.3	47	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	94.2	23	98.3
Well-Baby Check (% ages 0–2)	+++++	89.2	5	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.4	5	3.9
Low Birthweight (% of live births)	++++	7.9	20	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	3.0	6	2.6
Preterm Birth (% of live births)	+++	9.5	21	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	90.5	2	91.0
Overweight or Obesity (% ages 10–17)	+	33.2	41	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.3	3	3.2
Tobacco Use (% ages 12–17)	+++++	4.1	8	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	15.6	2	14.8
Neighborhood Amenities (% ages 0–17)	+++++	55.6	2	59.2
Protective Family Routines and Habits (% ages 0–17)	+	10.5	44	21.9
Supportive Neighborhoods (% ages 0–17)	++++	60.2	11	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	69.2	43	82.9
Children With Health Insurance (% ages 0–17)	+++	95.0	27	98.4
Homeless Family Households (number per 10,000)	+++	4.9	29	1.4
Water Fluoridation (% served)	+	14.6	49	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	86.5	8	90.9
Developmental Screening (% ages 9 months–5 years)	++++	36.3	19	60.0
Immunizations—Adolescents (mean z score)	++++	0.465	16	1.518
HPV Female (% ages 13–17)	+++	53.8	25	76.8
HPV Male (% ages 13–17)	+++	45.5	26	78.4
Meningococcal (% ages 13–17)	+++++	93.3	7	95.3
Tdap (% ages 13–17)	+++	90.0	24	96.2
Immunizations—Children (% ages 19–35 months)	++	69.3	35	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	35.2	47	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	17.4	3	16.3
Missed School Days (% ages 6–17)	+++++	2.9	7	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	10.3	5	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	5.2	2	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# New Mexico

OVERALL  
RANK:  
**34**



	2016	2018	2019
Women	<b>39</b>	<b>45</b>	<b>40</b>
Infants	<b>25</b>	<b>20</b>	<b>20</b>
Children	<b>40</b>	<b>42</b>	<b>43</b>
<b>Overall</b>	<b>37</b>	<b>37</b>	<b>34</b>

Annual Report Rank: **35**

Senior Report Rank: **42**

#### Strengths:

- Low prevalence of excessive drinking among women
- High percentage of births at baby-friendly facilities
- High prevalence of children with adequate health insurance

#### Challenges:

- High prevalence of food insecurity
- Low percentage of prenatal care before third trimester
- Low percentage of high school graduation

#### State Health Department Website:

[nmhealth.org](http://nmhealth.org)

#### Highlights:

- In the past year, low birthweight increased 9% from 8.7% to 9.5% of live births
- In the past year, substance use disorder among youth decreased 17% from 7.2% to 6.0%
- In the past year, HPV immunization among males ages 13-17 increased 13% from 37.0% to 41.9%
- In the past three years, food insecurity increased 46% from 12.3% to 17.9% of households
- In the past three years, child mortality increased 7% from 30.8 to 33.0 deaths per 100,000 children ages 1-19
- In the past three years, tobacco use among youth ages 12-17 decreased 39% from 7.9% to 4.8%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	28				
Infants	++++	12				
Children	+	49				
<b>Total</b>	++	34				
<b>Community &amp; Environment</b>						
Women	+	49				
Infants	+++	24				
Children	+	41				
<b>Total</b>	+	44				
<b>Policy</b>						
Women	+++	26				
Infants	+++++	7				
Children	++++	11				
<b>Total</b>	+++++	9				
<b>Clinical Care</b>						
Women	++	40				
Infants	++	39				
Children	++	31				
<b>Total</b>	++	38				
<b>Outcomes</b>						
Women	++	38				
Infants	++	32				
Children	+	46				
<b>Total</b>	++	39				
<b>Overall</b>						
Women	++	40				
Infants	++++	20				
Children	+	43				
<b>Total</b>	++	34				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	2,294.9	47	906.1
Excessive Drinking (% ages 18–44)	+++++	16.5	8	12.2
Obesity (% ages 18–44)	+++	27.9	25	18.5
Physical Inactivity (% ages 18–44)	+++	20.5	23	12.4
Smoking (% ages 18–44)	+++	15.2	21	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	41.4	49	2.5
Food Insecurity (% of households)	+	17.9	50	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	37.6	28	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	86.6	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	28	22	63
Uninsured (% ages 19–44)	++	12.9	34	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	81.1	23	85.8
Dedicated Health Care Provider (% ages 18–44)	+	64.9	46	87.5
Dental Visit (% ages 18–44)	++	64.9	38	78.9
Flu Vaccination (% ages 18–44)	++++	37.4	15	48.7
Well-Woman Visit (% ages 18–44)	+	57.7	47	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.3	34	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	23.0	40	5.3
Maternal Mortality (deaths per 100,000 live births)	++	32.4	34	12.4
Postpartum Depression (% with a recent live birth)	*	12.9	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	32.0	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	27.6	20	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	50.8	*	25.8
Sleep Position (% with a recent live birth)	*	79.2	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	6.3	17	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	17.0	29	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.0	23	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	54.3	3	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	81	19	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	18.3	4	17.7
Prenatal Care Before Third Trimester (% of live births)	+	88.5	50	98.3
Well-Baby Check (% ages 0–2)	++	80.9	34	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.6	18	3.9
Low Birthweight (% of live births)	+	9.5	44	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	4.0	25	2.6
Preterm Birth (% of live births)	++	10.3	32	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	71.1	50	91.0
Overweight or Obesity (% ages 10–17)	+++	29.6	23	21.9
Substance Use Disorder (% ages 12–17)	+	6.0	48	3.2
Tobacco Use (% ages 12–17)	++++	4.8	15	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	26.0	45	14.8
Neighborhood Amenities (% ages 0–17)	+++	35.2	27	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	12.7	25	21.9
Supportive Neighborhoods (% ages 0–17)	+	50.1	48	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	79.7	4	82.9
Children With Health Insurance (% ages 0–17)	++	93.8	37	98.4
Homeless Family Households (number per 10,000)	+++	4.2	23	1.4
Water Fluoridation (% served)	+++	77.0	25	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	82.9	12	90.9
Developmental Screening (% ages 9 months–5 years)	++++	36.5	18	60.0
Immunizations—Adolescents (mean z score)	++	-0.538	38	1.518
HPV Female (% ages 13–17)	+++	55.0	23	76.8
HPV Male (% ages 13–17)	+++	41.9	30	78.4
Meningococcal (% ages 13–17)	++	78.0	39	95.3
Tdap (% ages 13–17)	+	85.5	41	96.2
Immunizations—Children (% ages 19–35 months)	++++	71.9	19	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	42.1	40	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	33.0	41	16.3
Missed School Days (% ages 6–17)	+++	3.9	29	1.8
Teen Births (births per 1,000 ages 15–19)	+	27.9	45	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	20.9	46	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# New York

**OVERALL  
RANK:**  
**13**



	2016	2018	2019
Women	<b>13</b>	<b>15</b>	<b>14</b>
Infants	<b>23</b>	<b>28</b>	<b>17</b>
Children	<b>27</b>	<b>18</b>	<b>15</b>
<b>Overall</b>	<b>20</b>	<b>19</b>	<b>13</b>

Annual Report Rank: **10**

Senior Report Rank: **16**

#### Strengths:

- Low prevalence of smoking among women
- Low prevalence of household smoke
- Low teen suicide rate

#### Challenges:

- High prevalence of physical inactivity among women
- High cost of infant child care
- High prevalence of homeless family households

#### State Health Department Website:

[health.ny.gov](http://health.ny.gov)

#### Highlights:

- In the past year, teen births decreased 14% from 14.6 to 12.5 births per 1,000 females ages 15-19
- In the past year, the percentage of baby-friendly facilities increased 67% from 12.9% to 21.6% of live births
- In the past three years, drug deaths increased 61% from 7.6 to 12.2 deaths per 100,000 females ages 15-44
- In the past three years, tobacco use among youth ages 12-17 decreased 37% from 5.9% to 3.7%
- In the past three years, meningococcal immunization among youth ages 13-17 increased 12% from 79.6% to 89.3%
- In the past three years, smoking among women ages 18-44 decreased 21% from 14.8% to 11.7%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	17				
Infants	+++	25				
Children	++++	19				
<b>Total</b>	++++	18				
<b>Community &amp; Environment</b>						
Women	++++	18				
Infants	++++	19				
Children	+++	23				
<b>Total</b>	++++	16				
<b>Policy</b>						
Women	+++++	10				
Infants	++++	20				
Children	++	32				
<b>Total</b>	++++	13				
<b>Clinical Care</b>						
Women	++++	17				
Infants	++	33				
Children	+++	22				
<b>Total</b>	+++	24				
<b>Outcomes</b>						
Women	++++	15				
Infants	+++++	10				
Children	+++++	5				
<b>Total</b>	+++++	5				
<b>Overall</b>						
Women	++++	14				
Infants	++++	17				
Children	++++	15				
<b>Total</b>	++++	13				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,603.7	25	906.1
Excessive Drinking (% ages 18–44)	+++	20.3	27	12.2
Obesity (% ages 18–44)	+++++	21.4	4	18.5
Physical Inactivity (% ages 18–44)	+	27.0	45	12.4
Smoking (% ages 18–44)	+++++	11.7	3	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	26.7	38	2.5
Food Insecurity (% of households)	++++	10.9	15	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	31.7	3	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.7	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	89.6	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	32	11	63
Uninsured (% ages 19–44)	++++	7.5	12	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	78.4	38	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	78.3	16	87.5
Dental Visit (% ages 18–44)	++++	70.5	14	78.9
Flu Vaccination (% ages 18–44)	+++	36.7	21	48.7
Well-Woman Visit (% ages 18–44)	+++++	71.6	7	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.8	23	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	12.2	13	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	25.5	23	12.4
Postpartum Depression (% with a recent live birth)	*	13.0	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	26.0	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	21.4	41	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	52.9	*	25.8
Sleep Position (% with a recent live birth)	*	75.3	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	4.5	7	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	11.2	3	7.1
Infant Child Care Cost (% of married couple's median income)	+	15.3	44	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	21.6	23	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	82	13	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	29.0	46	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.0	17	98.3
Well-Baby Check (% ages 0–2)	++++	84.5	17	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.6	6	3.9
Low Birthweight (% of live births)	+++	8.1	22	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	3.0	6	2.6
Preterm Birth (% of live births)	++++	9.0	14	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	81.8	39	91.0
Overweight or Obesity (% ages 10–17)	++	31.4	33	21.9
Substance Use Disorder (% ages 12–17)	++++	4.0	17	3.2
Tobacco Use (% ages 12–17)	+++++	3.7	5	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	15.7	5	14.8
Neighborhood Amenities (% ages 0–17)	+++++	47.7	8	59.2
Protective Family Routines and Habits (% ages 0–17)	+	10.5	44	21.9
Supportive Neighborhoods (% ages 0–17)	++	52.4	40	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	77.1	15	82.9
Children With Health Insurance (% ages 0–17)	+++++	97.2	7	98.4
Homeless Family Households (number per 10,000)	+	35.4	50	1.4
Water Fluoridation (% served)	+++	71.4	30	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	81.3	17	90.9
Developmental Screening (% ages 9 months–5 years)	+	23.1	45	60.0
Immunizations—Adolescents (mean z score)	+++++	0.668	8	1.518
HPV Female (% ages 13–17)	++++	58.2	16	76.8
HPV Male (% ages 13–17)	++++	49.1	16	78.4
Meningococcal (% ages 13–17)	++++	89.3	14	95.3
Tdap (% ages 13–17)	+++++	92.9	9	96.2
Immunizations—Children (% ages 19–35 months)	+	67.5	42	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	44.8	28	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	18.0	5	16.3
Missed School Days (% ages 6–17)	++	3.9	31	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	12.5	8	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	5.4	3	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# North Carolina

**OVERALL  
RANK:  
30**



	2016	2018	2019
Women	36	33	34
Infants	31	33	30
Children	21	27	25
<b>Overall</b>	<b>30</b>	<b>30</b>	<b>30</b>

Annual Report Rank: **33**

Senior Report Rank: **37**

## Strengths:

- High prevalence of well-woman visits
- High prevalence of well-baby visits
- High prevalence of developmental screenings

## Challenges:

- High prevalence of diabetes among women
- High neonatal mortality rate
- Low prevalence of neighborhood amenities

## State Health Department Website:

[ncdhhs.gov](http://ncdhhs.gov)

## Highlights:

- In the past year, HPV immunization among males ages 13-17 increased 50% from 35.7% to 53.7%
- In the past year, meningococcal immunization among children ages 13-17 increased 12% from 75.7% to 84.8%
- In the past year, teen births decreased 13% from 23.6 to 20.6 births per 1,000 females ages 15-19
- In the past three years, excessive drinking among women ages 18-44 increased 42% from 14.1% to 20.0%
- In the past three years, dedicated health care provider among women ages 18-44 increased 8% from 69.0% to 74.4%
- In the past three years, drug deaths increased 54% from 12.5 to 19.2 deaths per 100,000 females ages 15-44

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	35				
Infants	+++	23				
Children	++++	16				
<b>Total</b>	+++	26				
<b>Community &amp; Environment</b>						
Women	++	31				
Infants	+++	28				
Children	++	39				
<b>Total</b>	++	35				
<b>Policy</b>						
Women	+	44				
Infants	++++	14				
Children	++	31				
<b>Total</b>	++	35				
<b>Clinical Care</b>						
Women	++++	11				
Infants	++++	17				
Children	++++	13				
<b>Total</b>	+++++	9				
<b>Outcomes</b>						
Women	++	40				
Infants	+	43				
Children	++++	16				
<b>Total</b>	++	37				
<b>Overall</b>						
Women	++	34				
Infants	+++	30				
Children	+++	25				
<b>Total</b>	+++	30				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	2,020.8	44	906.1
Excessive Drinking (% ages 18–44)	+++	20.0	25	12.2
Obesity (% ages 18–44)	++	32.2	40	18.5
Physical Inactivity (% ages 18–44)	+++	20.1	21	12.4
Smoking (% ages 18–44)	+++	16.9	24	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	25.6	36	2.5
Food Insecurity (% of households)	+	14.4	41	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++++	35.2	17	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.1	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	92.8	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	20	36	63
Uninsured (% ages 19–44)	+	15.9	41	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	85.3	3	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	74.4	22	87.5
Dental Visit (% ages 18–44)	++	66.5	33	78.9
Flu Vaccination (% ages 18–44)	++++	38.5	13	48.7
Well-Woman Visit (% ages 18–44)	+++++	72.7	5	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	4.1	45	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	19.2	33	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	27.6	30	12.4
Postpartum Depression (% with a recent live birth)	*	11.7	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	35.1	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	27.0	21	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	53.1	*	25.8
Sleep Position (% with a recent live birth)	*	79.9	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	8.7	23	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	18.3	36	7.1
Infant Child Care Cost (% of married couple's median income)	++++	11.6	18	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	37.6	12	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	78	27	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.2	15	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.5	34	98.3
Well-Baby Check (% ages 0–2)	++++	84.5	16	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	7.3	41	3.9
Low Birthweight (% of live births)	+	9.4	43	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	4.8	44	2.6
Preterm Birth (% of live births)	++	10.5	36	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	86.6	22	91.0
Overweight or Obesity (% ages 10–17)	++	30.7	31	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.6	7	3.2
Tobacco Use (% ages 12–17)	+++	5.9	28	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	23.6	32	14.8
Neighborhood Amenities (% ages 0–17)	+	21.2	46	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	12.7	25	21.9
Supportive Neighborhoods (% ages 0–17)	++	55.3	35	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	72.5	32	82.9
Children With Health Insurance (% ages 0–17)	+	92.6	44	98.4
Homeless Family Households (number per 10,000)	++++	3.5	18	1.4
Water Fluoridation (% served)	++++	87.8	18	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	81.0	20	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	44.4	4	60.0
Immunizations—Adolescents (mean z score)	++++	0.330	19	1.518
HPV Female (% ages 13–17)	+++	50.0	30	76.8
HPV Male (% ages 13–17)	+++++	53.7	10	78.4
Meningococcal (% ages 13–17)	+++	84.8	24	95.3
Tdap (% ages 13–17)	++++	91.9	15	96.2
Immunizations—Children (% ages 19–35 months)	+++	70.9	25	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	46.9	20	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	27.3	27	16.3
Missed School Days (% ages 6–17)	++++	3.3	14	1.8
Teen Births (births per 1,000 ages 15–19)	+++	20.6	28	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	8.9	9	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# North Dakota

**OVERALL  
RANK:**  
**15**



	2016	2018	2019
Women	4	12	13
Infants	19	25	27
Children	25	20	11
<b>Overall</b>	<b>13</b>	<b>17</b>	<b>15</b>

Annual Report Rank: **13**

Senior Report Rank: **18**

## Strengths:

- Low prevalence of food insecurity
- Low prevalence of low birthweight
- High prevalence of supportive neighborhoods

## Challenges:

- High prevalence of excessive drinking among women
- Low prevalence of well-baby visits
- Low prevalence of children with adequate health insurance

## State Health Department Website:

[ndhealth.gov](http://ndhealth.gov)

## Highlights:

- In the past year, tobacco use during pregnancy decreased 17% from 14.4% to 11.9% of live births
- In the past year, teen births decreased 27% from 22.2 to 16.2 births per 1,000 females ages 15-19
- In the past year, substance use disorder among youth decreased 19% from 5.4% to 4.4%
- In the past three years, the percentage of infants exclusively breastfed for six months increased 39% from 21.0% to 29.1%
- In the past three years, drug deaths increased 133% from 4.2 to 9.8 deaths per 100,000 females ages 15-44
- In the past three years, teen suicide decreased 13% from 20.6 to 17.9 deaths per 100,000 adolescents ages 15-19

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	37				
Infants	++	31				
Children	+++	27				
<b>Total</b>	++	38				
<b>Community &amp; Environment</b>						
Women	+++++	1				
Infants	+++++	6				
Children	+++++	4				
<b>Total</b>	+++++	1				
<b>Policy</b>						
Women	+++	23				
Infants	+	44				
Children	++++	20				
<b>Total</b>	++	33				
<b>Clinical Care</b>						
Women	+++	25				
Infants	++	35				
Children	+++++	9				
<b>Total</b>	++++	20				
<b>Outcomes</b>						
Women	+++++	8				
Infants	++++	18				
Children	++++	20				
<b>Total</b>	++++	13				
<b>Overall</b>						
Women	++++	13				
Infants	+++	27				
Children	++++	11				
<b>Total</b>	++++	15				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,451.2	15	906.1
Excessive Drinking (% ages 18–44)	+	26.8	49	12.2
Obesity (% ages 18–44)	+++	29.6	30	18.5
Physical Inactivity (% ages 18–44)	+++	20.1	21	12.4
Smoking (% ages 18–44)	++	19.4	34	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	3.1	2	2.5
Food Insecurity (% of households)	+++++	9.0	3	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	29.7	2	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.7	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	87.1	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	26	25	63
Uninsured (% ages 19–44)	+++	9.6	21	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	79.8	33	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	73.4	25	87.5
Dental Visit (% ages 18–44)	++++	69.4	20	78.9
Flu Vaccination (% ages 18–44)	+++++	42.8	6	48.7
Well-Woman Visit (% ages 18–44)	+	59.4	43	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.7	19	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	9.8	8	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	21.7	14	12.4
Postpartum Depression (% with a recent live birth)	*	9.9	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	30.8	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	29.1	13	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	70.4	*	25.8
Sleep Position (% with a recent live birth)	*	83.4	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	11.9	37	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	16.1	24	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	9.4	7	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	13.8	36	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	73	43	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	22.2	12	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	94.4	21	98.3
Well-Baby Check (% ages 0–2)	+	77.8	46	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	6.8	37	3.9
Low Birthweight (% of live births)	+++++	6.7	4	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	3.8	21	2.6
Preterm Birth (% of live births)	+++++	8.8	8	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	87.2	17	91.0
Overweight or Obesity (% ages 10–17)	+++	30.0	26	21.9
Substance Use Disorder (% ages 12–17)	+++	4.4	30	3.2
Tobacco Use (% ages 12–17)	++	7.0	38	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	17.7	8	14.8
Neighborhood Amenities (% ages 0–17)	+++	37.0	22	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	15.5	11	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	67.4	2	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	67.7	47	82.9
Children With Health Insurance (% ages 0–17)	++++	95.5	19	98.4
Homeless Family Households (number per 10,000)	+++++	1.4	1	1.4
Water Fluoridation (% served)	+++++	96.7	4	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	75.4	41	90.9
Developmental Screening (% ages 9 months–5 years)	+++	31.5	28	60.0
Immunizations—Adolescents (mean z score)	+++++	0.735	7	1.518
HPV Female (% ages 13–17)	+++++	62.6	10	76.8
HPV Male (% ages 13–17)	++++	53.2	12	78.4
Meningococcal (% ages 13–17)	+++++	91.9	9	95.3
Tdap (% ages 13–17)	++++	90.6	18	96.2
Immunizations—Children (% ages 19–35 months)	+++++	78.8	4	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	47.1	19	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	27.0	26	16.3
Missed School Days (% ages 6–17)	+++++	3.0	9	1.8
Teen Births (births per 1,000 ages 15–19)	++++	16.2	20	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	17.9	42	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Ohio

OHIO

**OVERALL  
RANK:  
32**


	2016	2018	2019
Women	35	32	33
Infants	37	42	42
Children	28	28	28
<b>Overall</b>	<b>33</b>	<b>32</b>	<b>32</b>

Annual Report Rank: **40**Senior Report Rank: **30**
**Strengths:**

- High prevalence of well-woman visits
- Low cost of infant child care
- High prevalence of supportive neighborhoods

**Challenges:**

- High drug death rate among women
- High neonatal mortality rate
- Low immunization coverage among children

**State Health Department Website:**

odh.ohio.gov

**Highlights:**

- In the past year, meningococcal immunization among children ages 13-17 increased 10% from 79.6% to 87.3%
- In the past three years, drug deaths increased 93% from 19.3 to 37.2 deaths per 100,000 females ages 15-44
- In the past three years, tobacco use among youth ages 12-17 decreased 28% from 9.4% to 6.8%
- In the past three years, dedicated health care provider among women ages 18-44 increased 6% from 74.8% to 79.1%
- In the past three years, teen suicide increased 46% from 7.4 to 10.8 deaths per 100,000 adolescents ages 15-19
- In the past three years, child mortality increased 16% from 24.1 to 27.9 deaths per 100,000 children ages 1-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	46				
Infants	+	46				
Children	+++	30				
<b>Total</b>	+	45				
<b>Community &amp; Environment</b>						
Women	++	34				
Infants	+	43				
Children	++	32				
<b>Total</b>	++	37				
<b>Policy</b>						
Women	+++	29				
Infants	+++	28				
Children	++++	11				
<b>Total</b>	+++	27				
<b>Clinical Care</b>						
Women	++++	12				
Infants	+++	26				
Children	+++	29				
<b>Total</b>	++++	18				
<b>Outcomes</b>						
Women	+	42				
Infants	++	40				
Children	+++	22				
<b>Total</b>	++	38				
<b>Overall</b>						
Women	++	33				
Infants	+	42				
Children	+++	28				
<b>Total</b>	++	32				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,847.4	39	906.1
Excessive Drinking (% ages 18–44)	++	21.3	35	12.2
Obesity (% ages 18–44)	++	30.9	36	18.5
Physical Inactivity (% ages 18–44)	+++	22.8	30	12.4
Smoking (% ages 18–44)	+	23.6	45	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	23.2	33	2.5
Food Insecurity (% of households)	++	13.7	39	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	38.0	32	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	14	48	63
Uninsured (% ages 19–44)	++++	7.5	12	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	82.6	11	85.8
Dedicated Health Care Provider (% ages 18–44)	++++	79.1	14	87.5
Dental Visit (% ages 18–44)	+++++	73.0	10	78.9
Flu Vaccination (% ages 18–44)	+++	34.9	28	48.7
Well-Woman Visit (% ages 18–44)	+++++	70.3	10	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.2	33	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	37.2	49	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	24.7	21	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	23.7	34	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	13.8	44	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	23.0	47	7.1
Infant Child Care Cost (% of married couple's median income)	++++	10.9	12	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	16.5	32	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	80	21	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	24.3	23	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.7	32	98.3
Well-Baby Check (% ages 0–2)	++++	83.6	20	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	7.3	41	3.9
Low Birthweight (% of live births)	++	8.7	31	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	5.1	49	2.6
Preterm Birth (% of live births)	++	10.4	33	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	84.2	28	91.0
Overweight or Obesity (% ages 10–17)	++	32.4	36	21.9
Substance Use Disorder (% ages 12–17)	++++	4.0	17	3.2
Tobacco Use (% ages 12–17)	++	6.8	36	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	25.1	37	14.8
Neighborhood Amenities (% ages 0–17)	++++	38.7	17	59.2
Protective Family Routines and Habits (% ages 0–17)	+	10.6	42	21.9
Supportive Neighborhoods (% ages 0–17)	++++	60.0	13	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.6	26	82.9
Children With Health Insurance (% ages 0–17)	+++	94.6	30	98.4
Homeless Family Households (number per 10,000)	++++	3.4	16	1.4
Water Fluoridation (% served)	++++	92.7	11	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	79.1	29	90.9
Developmental Screening (% ages 9 months–5 years)	+++	33.3	24	60.0
Immunizations—Adolescents (mean z score)	+++	0.192	22	1.518
HPV Female (% ages 13–17)	+++	54.9	24	76.8
HPV Male (% ages 13–17)	++	39.3	35	78.4
Meningococcal (% ages 13–17)	++++	87.3	20	95.3
Tdap (% ages 13–17)	++++	90.6	18	96.2
Immunizations—Children (% ages 19–35 months)	+	66.4	45	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	45.1	27	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	27.9	31	16.3
Missed School Days (% ages 6–17)	++++	3.4	16	1.8
Teen Births (births per 1,000 ages 15–19)	+++	20.8	29	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	10.8	19	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	
Symbol	Rank
+++++	1-10
++++	11-20
+++	21-30
++	31-40
+	41-50

# Oklahoma

**OVERALL  
RANK:  
48**


	2016	2018	2019
Women	47	40	45
Infants	39	43	45
Children	41	48	50
<b>Overall</b>	<b>46</b>	<b>47</b>	<b>48</b>

Annual Report Rank: **47**Senior Report Rank: **47**
**Strengths:**

- Low prevalence of excessive drinking among women
- Low cost of infant child care
- Low prevalence of homeless family households

**Challenges:**

- High percentage of uninsured women
- High prevalence of household smoke
- High prevalence of 2+ adverse childhood experiences

**State Health Department Website:**
[ok.gov/health](http://ok.gov/health)
**Highlights:**

- In the past year, preterm birth increased 8% from 10.3% to 11.1% of live births before 37 weeks gestation
- In the past year, teen births decreased 15% from 34.8 to 29.7 births per 1,000 females ages 15-19
- In the past year, HPV immunization among males ages 13-17 increased 7% from 35.0% to 37.5%
- In the past three years, tobacco use among youth ages 12-17 decreased 44% from 11.0% to 6.2%
- In the past three years, smoking among women ages 18-44 decreased 12% from 24.2% to 21.3%
- In the past three years, tobacco use during pregnancy decreased 15% from 13.1% to 11.2% of live births

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	40				
Infants	+	44				
Children	+	46				
<b>Total</b>	+	46				
<b>Community &amp; Environment</b>						
Women	++	40				
Infants	+	48				
Children	+	49				
<b>Total</b>	+	48				
<b>Policy</b>						
Women	+	46				
Infants	+++	29				
Children	+	44				
<b>Total</b>	+	41				
<b>Clinical Care</b>						
Women	++	38				
Infants	+	42				
Children	+	45				
<b>Total</b>	+	42				
<b>Outcomes</b>						
Women	++	40				
Infants	++	39				
Children	+	44				
<b>Total</b>	+	43				
<b>Overall</b>						
Women	+	45				
Infants	+	45				
Children	+	50				
<b>Total</b>	+	48				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,906.0	40	906.1
Excessive Drinking (% ages 18–44)	+++++	13.5	4	12.2
Obesity (% ages 18–44)	+	35.0	47	18.5
Physical Inactivity (% ages 18–44)	+	25.8	41	12.4
Smoking (% ages 18–44)	++	21.3	38	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	21.3	30	2.5
Food Insecurity (% of households)	+	15.0	45	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	40.1	39	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	3.5	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	86.7	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	31	12	63
Uninsured (% ages 19–44)	+	21.7	49	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.9	13	85.8
Dedicated Health Care Provider (% ages 18–44)	+	69.2	42	87.5
Dental Visit (% ages 18–44)	+	59.5	47	78.9
Flu Vaccination (% ages 18–44)	+++	34.5	29	48.7
Well-Woman Visit (% ages 18–44)	++	64.4	31	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.8	40	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	17.5	28	5.3
Maternal Mortality (deaths per 100,000 live births)	++	33.9	38	12.4
Postpartum Depression (% with a recent live birth)	*	15.0	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	38.9	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	21.6	40	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	50.5	*	25.8
Sleep Position (% with a recent live birth)	*	77.6	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	11.2	34	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	22.9	46	7.1
Infant Child Care Cost (% of married couple's median income)	++++	11.4	17	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	21.7	21	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	78	27	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	24.8	25	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.0	40	98.3
Well-Baby Check (% ages 0–2)	+	78.7	43	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+	7.4	43	3.9
Low Birthweight (% of live births)	+++	8.1	22	6.2
Neonatal Mortality (deaths per 1,000 live births)	+	4.7	43	2.6
Preterm Birth (% of live births)	+	11.1	41	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	82.6	37	91.0
Overweight or Obesity (% ages 10–17)	+	35.3	46	21.9
Substance Use Disorder (% ages 12–17)	+++	4.4	30	3.2
Tobacco Use (% ages 12–17)	++	6.2	31	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	28.5	50	14.8
Neighborhood Amenities (% ages 0–17)	+	18.4	49	59.2
Protective Family Routines and Habits (% ages 0–17)	++	10.9	40	21.9
Supportive Neighborhoods (% ages 0–17)	++	54.2	36	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	76.3	18	82.9
Children With Health Insurance (% ages 0–17)	+	89.8	49	98.4
Homeless Family Households (number per 10,000)	++++	3.4	16	1.4
Water Fluoridation (% served)	++	62.6	36	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	73.5	43	90.9
Developmental Screening (% ages 9 months–5 years)	+++	30.9	29	60.0
Immunizations—Adolescents (mean z score)	+	-0.963	45	1.518
HPV Female (% ages 13–17)	+	45.6	41	76.8
HPV Male (% ages 13–17)	++	37.5	38	78.4
Meningococcal (% ages 13–17)	+	71.1	47	95.3
Tdap (% ages 13–17)	++	86.7	37	96.2
Immunizations—Children (% ages 19–35 months)	+	67.3	43	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	46.4	21	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	34.9	43	16.3
Missed School Days (% ages 6–17)	+++	3.8	25	1.8
Teen Births (births per 1,000 ages 15–19)	+	29.7	48	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	16.3	41	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+	1–10
++++	+	11–20
+++	+	21–30
++	+	31–40
+	+	41–50

# Oregon

OREGON

**OVERALL  
RANK:  
20**


	2016	2018	2019
Women	24	23	21
Infants	15	3	4
Children	39	36	34
<b>Overall</b>	<b>27</b>	<b>18</b>	<b>20</b>

Annual Report Rank: **21**Senior Report Rank: **19**
**Strengths:**

- Low drug death rate among women
- Low percentage of preterm births
- Low prevalence of overweight or obesity among children

**Challenges:**

- Low prevalence of well-woman visits
- High cost of infant child care
- Low percentage of high school graduation

**State Health Department Website:**
[oregon.gov/oha/ph](http://oregon.gov/oha/ph)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 22% from 44.7% to 54.4%
- In the past year, teen births decreased 21% from 19.0 to 15.0 births per 1,000 females ages 15-19
- In the past year, tobacco use among youth ages 12-17 decreased 11% from 6.2% to 5.5%
- In the past three years, low birthweight increased 10% from 6.2% to 6.8% of live births
- In the past three years, smoking among women ages 18-44 decreased 19% from 18.9% to 15.3%
- In the past three years, food insecurity decreased 20% from 16.1% to 12.9% of households

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	9				
Infants	+++++	6				
Children	++	38				
<b>Total</b>	++++	13				
<b>Community &amp; Environment</b>						
Women	++	33				
Infants	+	44				
Children	++	31				
<b>Total</b>	++	36				
<b>Policy</b>						
Women	+++++	7				
Infants	+++++	4				
Children	++	40				
<b>Total</b>	+++++	7				
<b>Clinical Care</b>						
Women	+	44				
Infants	++++	12				
Children	+++	25				
<b>Total</b>	+++	27				
<b>Outcomes</b>						
Women	+++++	6				
Infants	+++++	6				
Children	++	33				
<b>Total</b>	++++	11				
<b>Overall</b>						
Women	+++	21				
Infants	+++++	4				
Children	++	34				
<b>Total</b>	++++	20				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,435.7	14	906.1
Excessive Drinking (% ages 18–44)	+++	20.2	26	12.2
Obesity (% ages 18–44)	++++	26.2	20	18.5
Physical Inactivity (% ages 18–44)	+++++	16.0	6	12.4
Smoking (% ages 18–44)	+++	15.3	22	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	20.5	28	2.5
Food Insecurity (% of households)	+++	12.9	30	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	39.8	38	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.2	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	89.5	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	39	6	63
Uninsured (% ages 19–44)	++++	9.4	20	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	79.7	34	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	72.3	30	87.5
Dental Visit (% ages 18–44)	++	65.6	35	78.9
Flu Vaccination (% ages 18–44)	++	30.4	40	48.7
Well-Woman Visit (% ages 18–44)	+	57.9	46	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.7	19	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	9.4	7	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	19.5	10	12.4
Postpartum Depression (% with a recent live birth)	*	12.3	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	22.7	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	33.4	6	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	63.1	*	25.8
Sleep Position (% with a recent live birth)	*	85.8	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	8.9	25	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.3	16	7.1
Infant Child Care Cost (% of married couple's median income)	+	16.4	48	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	52.6	4	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	86	6	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	22.6	13	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.5	13	98.3
Well-Baby Check (% ages 0–2)	+++	82.7	24	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.9	9	3.9
Low Birthweight (% of live births)	+++++	6.8	7	6.2
Neonatal Mortality (deaths per 1,000 live births)	++++	3.4	13	2.6
Preterm Birth (% of live births)	+++++	8.3	2	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	76.7	49	91.0
Overweight or Obesity (% ages 10–17)	+++++	21.9	1	21.9
Substance Use Disorder (% ages 12–17)	+	5.3	43	3.2
Tobacco Use (% ages 12–17)	+++	5.5	23	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	23.3	31	14.8
Neighborhood Amenities (% ages 0–17)	++++	37.4	20	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	14.4	18	21.9
Supportive Neighborhoods (% ages 0–17)	++	53.3	38	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	76.0	19	82.9
Children With Health Insurance (% ages 0–17)	+++++	96.7	9	98.4
Homeless Family Households (number per 10,000)	+	11.0	45	1.4
Water Fluoridation (% served)	+	22.6	48	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	79.9	23	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	60.0	1	60.0
Immunizations—Adolescents (mean z score)	++	-0.318	33	1.518
HPV Female (% ages 13–17)	+++	55.1	22	76.8
HPV Male (% ages 13–17)	+++++	54.4	8	78.4
Meningococcal (% ages 13–17)	+	77.0	41	95.3
Tdap (% ages 13–17)	++	86.3	40	96.2
Immunizations—Children (% ages 19–35 months)	+++	70.3	27	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	38.6	45	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	22.8	12	16.3
Missed School Days (% ages 6–17)	+	7.4	50	1.8
Teen Births (births per 1,000 ages 15–19)	++++	15.0	14	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	13.8	34	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Pennsylvania

**OVERALL  
RANK:  
23**


	2016	2018	2019
Women	18	24	24
Infants	43	35	32
Children	10	8	12
<b>Overall</b>	<b>24</b>	<b>23</b>	<b>23</b>

Annual Report Rank: **28**Senior Report Rank: **19**
**Strengths:**

- Low percentage of uninsured women
- High prevalence of well-baby visits
- Low prevalence of substance use disorder among adolescents

**Challenges:**

- High drug death rate among women
- High prevalence of household smoke
- Low prevalence of developmental screenings

**State Health Department Website:**
[health.pa.gov](http://health.pa.gov)
**Highlights:**

- In the past year, substance use disorder among youth decreased 11% from 3.6% to 3.2%
- In the past year, teen suicide increased 15% from 8.2 to 9.4 deaths per 100,000 adolescents ages 15-19
- In the past three years, the percentage of infants exclusively breastfed for six months increased 38% from 18.5% to 25.6%
- In the past three years, excessive drinking among women ages 18-44 increased 29% from 18.1% to 23.3%
- In the past three years, tobacco use among youth ages 12-17 decreased 35% from 9.1% to 5.9%
- In the past three years, drug deaths increased 75% from 19.1 to 33.4 deaths per 100,000 females ages 15-44

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	26	.....◆◆.....			
Infants	++	39	.....◆◆◆.....			
Children	++++	11	.....◆◆◆◆.....			
<b>Total</b>	+++	21	.....◆◆◆.....			
<b>Community &amp; Environment</b>						
Women	+++	22	.....◆◆◆.....			
Infants	++	35	.....◆◆◆◆.....			
Children	++++	17	.....◆◆◆◆.....			
<b>Total</b>	+++	25	.....◆◆◆◆.....			
<b>Policy</b>						
Women	++++	13	.....◆◆◆◆.....			
Infants	+++	26	.....◆◆◆◆.....			
Children	++	32	.....◆◆◆◆.....			
<b>Total</b>	++++	18	.....◆◆◆◆.....			
<b>Clinical Care</b>						
Women	+++	22	.....◆◆◆◆.....			
Infants	+++	22	.....◆◆◆◆.....			
Children	++++	17	.....◆◆◆◆.....			
<b>Total</b>	++++	19	.....◆◆◆◆.....			
<b>Outcomes</b>						
Women	++	35	.....◆◆◆◆.....			
Infants	+++	30	.....◆◆◆◆.....			
Children	+++++	10	.....◆◆◆◆.....			
<b>Total</b>	+++	27	.....◆◆◆◆.....			
<b>Overall</b>						
Women	+++	24	.....◆◆◆◆.....			
Infants	++	32	.....◆◆◆◆.....			
Children	++++	12	.....◆◆◆◆.....			
<b>Total</b>	+++	23	.....◆◆◆◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,503.9	20	906.1
Excessive Drinking (% ages 18–44)	+	23.3	42	12.2
Obesity (% ages 18–44)	+++	26.3	21	18.5
Physical Inactivity (% ages 18–44)	++++	18.1	14	12.4
Smoking (% ages 18–44)	++	18.9	32	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	17.9	23	2.5
Food Insecurity (% of households)	+++	12.1	25	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	37.1	24	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	90.5	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	29	17	63
Uninsured (% ages 19–44)	+++++	7.1	8	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	78.2	39	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	82.0	8	87.5
Dental Visit (% ages 18–44)	+++	67.8	28	78.9
Flu Vaccination (% ages 18–44)	++++	37.2	18	48.7
Well-Woman Visit (% ages 18–44)	+++	65.9	28	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.4	10	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	33.4	46	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	26.1	24	12.4
Postpartum Depression (% with a recent live birth)	*	10.6	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	31.5	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	25.6	28	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	64.6	*	25.8
Sleep Position (% with a recent live birth)	*	81.2	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	11.1	33	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	19.2	39	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.3	28	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++++	25.0	18	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	78	27	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	25.7	31	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.4	35	98.3
Well-Baby Check (% ages 0–2)	++++	86.3	11	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.2	29	3.9
Low Birthweight (% of live births)	+++	8.4	26	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.4	35	2.6
Preterm Birth (% of live births)	++++	9.4	19	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	86.6	22	91.0
Overweight or Obesity (% ages 10–17)	+++	30.4	28	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.2	1	3.2
Tobacco Use (% ages 12–17)	+++	5.9	28	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	19.2	17	14.8
Neighborhood Amenities (% ages 0–17)	+++	36.4	23	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	14.6	17	21.9
Supportive Neighborhoods (% ages 0–17)	++++	58.9	20	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	77.9	10	82.9
Children With Health Insurance (% ages 0–17)	++	93.2	39	98.4
Homeless Family Households (number per 10,000)	++	5.5	36	1.4
Water Fluoridation (% served)	+	54.6	41	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	85.7	10	90.9
Developmental Screening (% ages 9 months–5 years)	++	26.1	39	60.0
Immunizations—Adolescents (mean z score)	+++++	0.613	10	1.518
HPV Female (% ages 13–17)	++++	56.1	20	76.8
HPV Male (% ages 13–17)	++++	49.1	16	78.4
Meningococcal (% ages 13–17)	+++++	93.4	6	95.3
Tdap (% ages 13–17)	++++	90.6	18	96.2
Immunizations—Children (% ages 19–35 months)	+++	70.4	26	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	45.9	24	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	24.6	17	16.3
Missed School Days (% ages 6–17)	++++	3.2	12	1.8
Teen Births (births per 1,000 ages 15–19)	++++	14.8	12	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	9.4	12	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Rhode Island

**OVERALL  
RANK:**  
**1**



	2016	2018	2019
Women	5	4	4
Infants	28	4	2
Children	12	6	4
<b>Overall</b>	<b>9</b>	<b>3</b>	<b>1</b>

Annual Report Rank: **14**

Senior Report Rank: **7**

## Strengths:

- Low percentage of uninsured women
- High percentage of prenatal care before third trimester
- Low child mortality rate

## Challenges:

- High drug death rate among women
- High cost of infant child care
- Low prevalence of supportive neighborhoods

## State Health Department Website:

[health.ri.gov](http://health.ri.gov)

## Highlights:

- In the past year, substance use disorder among youth decreased 16% from 5.6% to 4.7%
- In the past year, tobacco use during pregnancy decreased 20% from 7.5% to 6.0% of live births
- In the past three years, the percentage of infants exclusively breastfed for six months increased 67% from 17.3% to 28.9%
- In the past three years, smoking among women ages 18-44 decreased 33% from 18.1% to 12.2%
- In the past three years, drug deaths increased 72% from 12.4 to 21.3 deaths per 100,000 females ages 15-44
- In the past three years, teen births decreased 28% from 15.8 to 11.4 births per 1,000 females ages 15-19

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	12				
Infants	+++++	7				
Children	++	32				
<b>Total</b>	++++	16				
<b>Community &amp; Environment</b>						
Women	+++	21				
Infants	+++	24				
Children	++++	17				
<b>Total</b>	++++	18				
<b>Policy</b>						
Women	+++++	4				
Infants	+++++	1				
Children	+++++	1				
<b>Total</b>	+++++	1				
<b>Clinical Care</b>						
Women	+++++	1				
Infants	+++++	3				
Children	+++++	4				
<b>Total</b>	+++++	1				
<b>Outcomes</b>						
Women	++++	16				
Infants	++++	19				
Children	+++++	3				
<b>Total</b>	+++++	9				
<b>Overall</b>						
Women	+++++	4				
Infants	+++++	2				
Children	+++++	4				
<b>Total</b>	+++++	1				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,534.2	23	906.1
Excessive Drinking (% ages 18–44)	++++	18.1	14	12.2
Obesity (% ages 18–44)	++++	24.7	14	18.5
Physical Inactivity (% ages 18–44)	++	23.8	34	12.4
Smoking (% ages 18–44)	+++++	12.2	7	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	26.6	37	2.5
Food Insecurity (% of households)	+++	12.4	27	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	32.6	4	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.2	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	92.5	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	35	9	63
Uninsured (% ages 19–44)	+++++	5.7	4	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	85.8	1	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	85.6	3	87.5
Dental Visit (% ages 18–44)	+++++	74.5	9	78.9
Flu Vaccination (% ages 18–44)	+++++	47.5	2	48.7
Well-Woman Visit (% ages 18–44)	+++++	78.5	1	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.5	14	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	21.3	36	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	19.0	8	12.4
Postpartum Depression (% with a recent live birth)	*	13.6	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	26.4	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	28.9	15	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	64.6	*	25.8
Sleep Position (% with a recent live birth)	*	82.6	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	6.0	15	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.9	19	7.1
Infant Child Care Cost (% of married couple's median income)	++	13.3	34	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	86.0	2	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	96	1	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++	25.4	30	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	98.0	2	98.3
Well-Baby Check (% ages 0–2)	+++++	88.8	6	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.7	19	3.9
Low Birthweight (% of live births)	++++	7.5	15	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.4	35	2.6
Preterm Birth (% of live births)	+++++	8.3	2	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	84.1	29	91.0
Overweight or Obesity (% ages 10–17)	+	33.6	42	21.9
Substance Use Disorder (% ages 12–17)	++	4.7	37	3.2
Tobacco Use (% ages 12–17)	++++	4.9	16	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	18.2	10	14.8
Neighborhood Amenities (% ages 0–17)	+++++	46.6	10	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	15.3	12	21.9
Supportive Neighborhoods (% ages 0–17)	+	51.0	45	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	79.8	3	82.9
Children With Health Insurance (% ages 0–17)	+++++	96.8	8	98.4
Homeless Family Households (number per 10,000)	+++	4.8	26	1.4
Water Fluoridation (% served)	++++	84.5	20	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	86.7	7	90.9
Developmental Screening (% ages 9 months–5 years)	+++	29.7	30	60.0
Immunizations—Adolescents (mean z score)	+++++	1.497	2	1.518
HPV Female (% ages 13–17)	+++++	76.8	1	76.8
HPV Male (% ages 13–17)	+++++	78.4	1	78.4
Meningococcal (% ages 13–17)	+++++	94.1	3	95.3
Tdap (% ages 13–17)	+++++	94.6	5	96.2
Immunizations—Children (% ages 19–35 months)	++++	74.4	14	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	41.6	41	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	16.3	1	16.3
Missed School Days (% ages 6–17)	++++	3.6	18	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	11.4	6	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++++	4.9	1	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# South Carolina

**OVERALL  
RANK:  
36**



	2016	2018	2019
Women	45	39	46
Infants	32	34	29
Children	37	35	35
<b>Overall</b>	<b>39</b>	<b>36</b>	<b>36</b>

Annual Report Rank: **43**

Senior Report Rank: **34**

## Strengths:

- Low prevalence of excessive drinking among women
- Low cost of infant child care
- Low prevalence of homeless family households

## Challenges:

- High prevalence of diabetes among women
- High prevalence of low birthweight
- High child mortality rate

## State Health Department Website:

[scdhec.gov](http://scdhec.gov)

## Highlights:

- In the past year, HPV immunization increased 54% from 30.8% to 47.4% among females ages 13-17 and 39% from 27.4% to 38.0% among males ages 13-17.
- In the past year, teen births decreased 17% from 26.2 to 21.7 births per 1,000 females ages 15-19
- In the past three years, drug deaths increased 31% from 12.3 to 16.1 deaths per 100,000 females ages 15-44
- In the past three years, smoking among women ages 18-44 decreased 19% from 22.5% to 18.3%
- In the past three years, child mortality increased 15% from 28.5 to 32.8 deaths per 100,000 children ages 1-19
- In the past three years, excessive drinking among women ages 18-44 increased 28% from 14.4% to 18.4%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+	41				
Infants	++	33				
Children	++	39				
<b>Total</b>	++	40				
<b>Community &amp; Environment</b>						
Women	+	41				
Infants	+++++	7				
Children	++	36				
<b>Total</b>	++	32				
<b>Policy</b>						
Women	++	35				
Infants	++++	11				
Children	++++	20				
<b>Total</b>	+++	25				
<b>Clinical Care</b>						
Women	++	39				
Infants	++	36				
Children	++	34				
<b>Total</b>	+	41				
<b>Outcomes</b>						
Women	+	46				
Infants	+	42				
Children	++	33				
<b>Total</b>	+	42				
<b>Overall</b>						
Women	+	46				
Infants	+++	29				
Children	++	35				
<b>Total</b>	++	36				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	2,033.0	45	906.1
Excessive Drinking (% ages 18–44)	++++	18.4	17	12.2
Obesity (% ages 18–44)	+	33.3	44	18.5
Physical Inactivity (% ages 18–44)	++	23.7	33	12.4
Smoking (% ages 18–44)	+++	18.3	28	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	30.6	43	2.5
Food Insecurity (% of households)	+++	11.7	23	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	42.3	45	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	31	12	63
Uninsured (% ages 19–44)	+	16.9	44	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.6	19	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	72.3	30	87.5
Dental Visit (% ages 18–44)	+	62.7	42	78.9
Flu Vaccination (% ages 18–44)	+	29.4	45	48.7
Well-Woman Visit (% ages 18–44)	++	61.7	39	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	4.6	47	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	16.1	23	5.3
Maternal Mortality (deaths per 100,000 live births)	+	39.4	43	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	24.4	30	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++	8.4	22	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	17.4	32	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	8.7	6	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++++	41.7	9	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	78	27	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	27.0	37	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.4	35	98.3
Well-Baby Check (% ages 0–2)	++++	83.9	19	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	7.0	38	3.9
Low Birthweight (% of live births)	+	9.7	46	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.3	32	2.6
Preterm Birth (% of live births)	+	11.2	44	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	83.6	32	91.0
Overweight or Obesity (% ages 10–17)	++	33.0	40	21.9
Substance Use Disorder (% ages 12–17)	+++	4.1	21	3.2
Tobacco Use (% ages 12–17)	++	6.7	35	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	20.9	23	14.8
Neighborhood Amenities (% ages 0–17)	+	20.1	47	59.2
Protective Family Routines and Habits (% ages 0–17)	+	10.8	41	21.9
Supportive Neighborhoods (% ages 0–17)	+++	57.1	30	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.1	28	82.9
Children With Health Insurance (% ages 0–17)	+	92.6	43	98.4
Homeless Family Households (number per 10,000)	+++++	2.2	6	1.4
Water Fluoridation (% served)	+++++	93.6	9	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	80.1	22	90.9
Developmental Screening (% ages 9 months–5 years)	++	26.4	38	60.0
Immunizations—Adolescents (mean z score)	++	-0.407	36	1.518
HPV Female (% ages 13–17)	++	47.4	37	76.8
HPV Male (% ages 13–17)	++	38.0	37	78.4
Meningococcal (% ages 13–17)	++	78.6	37	95.3
Tdap (% ages 13–17)	+++	89.4	27	96.2
Immunizations—Children (% ages 19–35 months)	+	66.0	49	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	48.4	13	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	32.8	40	16.3
Missed School Days (% ages 6–17)	+++	3.7	24	1.8
Teen Births (births per 1,000 ages 15–19)	++	21.7	32	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	10.4	18	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# South Dakota

**OVERALL  
RANK:**  
**23**



	2016	2018	2019
Women	14	11	12
Infants	18	16	21
Children	30	39	36
<b>Overall</b>	<b>18</b>	<b>24</b>	<b>23</b>

Annual Report Rank: **25**

Senior Report Rank: **22**

#### Strengths:

- High flu vaccination coverage among women
- Low cost of infant child care
- High prevalence of supportive neighborhoods

#### Challenges:

- High percentage of uninsured women
- High prevalence of tobacco use during pregnancy
- High teen suicide rate

#### State Health Department Website:

doh.sd.gov

#### Highlights:

- In the past year, preterm birth increased 9% from 8.5% to 9.3% of live births before 37 weeks gestation
- In the past year, the percentage of infants exclusively breastfed for six months increased 26% from 25.6% to 32.2%
- In the past year, HPV immunization among males ages 13-17 increased 34% from 30.5% to 40.9%
- In the past three years, meningococcal immunization among children ages 13-17 increased 31% from 57.0% to 74.5%
- In the past three years, excessive drinking among women ages 18-44 increased 6% from 19.7% to 20.8%
- In the past three years, smoking among women ages 18-44 decreased 24% from 24.7% to 18.7%

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	23				
Infants	+++	21				
Children	+	48				
<b>Total</b>	++	36				
<b>Community &amp; Environment</b>						
Women	+++++	3				
Infants	+++++	3				
Children	++++	15				
<b>Total</b>	+++++	3				
<b>Policy</b>						
Women	++	31				
Infants	+	46				
Children	+++	28				
<b>Total</b>	++	39				
<b>Clinical Care</b>						
Women	+++++	8				
Infants	+++	27				
Children	++	36				
<b>Total</b>	+++	23				
<b>Outcomes</b>						
Women	++++	13				
Infants	++++	20				
Children	+	41				
<b>Total</b>	+++	26				
<b>Overall</b>						
Women	++++	12				
Infants	+++	21				
Children	++	36				
<b>Total</b>	+++	23				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+	1,914.4	41	906.1
Excessive Drinking (% ages 18–44)	++	20.8	31	12.2
Obesity (% ages 18–44)	+++	27.4	24	18.5
Physical Inactivity (% ages 18–44)	+++++	12.4	1	12.4
Smoking (% ages 18–44)	++	18.7	31	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	10.3	9	2.5
Food Insecurity (% of households)	++++	11.4	20	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	27.8	1	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.5	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	91.2	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	27	24	63
Uninsured (% ages 19–44)	++	14.0	38	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	80.7	28	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	72.8	27	87.5
Dental Visit (% ages 18–44)	+++++	78.4	3	78.9
Flu Vaccination (% ages 18–44)	+++++	48.7	1	48.7
Well-Woman Visit (% ages 18–44)	+++	67.1	22	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.5	14	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	9.2	5	5.3
Maternal Mortality (deaths per 100,000 live births)	++	32.6	36	12.4
Postpartum Depression (% with a recent live birth)	*	14.3	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	30.2	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	32.2	8	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	62.6	*	25.8
Sleep Position (% with a recent live birth)	*	87.6	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	12.6	39	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	16.6	25	7.1
Infant Child Care Cost (% of married couple's median income)	+++++	7.5	2	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	4.9	48	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	74	42	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	17.8	2	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	93.9	28	98.3
Well-Baby Check (% ages 0–2)	+	76.5	47	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.1	26	3.9
Low Birthweight (% of live births)	+++++	6.9	8	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	4.0	25	2.6
Preterm Birth (% of live births)	++++	9.3	17	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++	83.7	31	91.0
Overweight or Obesity (% ages 10–17)	++++	27.5	14	21.9
Substance Use Disorder (% ages 12–17)	+	5.6	46	3.2
Tobacco Use (% ages 12–17)	+	8.4	47	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	20.6	21	14.8
Neighborhood Amenities (% ages 0–17)	+++	36.2	25	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	14.2	20	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	62.4	6	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	66.3	49	82.9
Children With Health Insurance (% ages 0–17)	++++	96.4	11	98.4
Homeless Family Households (number per 10,000)	+++	4.9	29	1.4
Water Fluoridation (% served)	+++++	93.6	9	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	68.5	49	90.9
Developmental Screening (% ages 9 months–5 years)	+++++	42.4	5	60.0
Immunizations—Adolescents (mean z score)	+	-1.222	47	1.518
HPV Female (% ages 13–17)	++	48.8	32	76.8
HPV Male (% ages 13–17)	++	40.9	32	78.4
Meningococcal (% ages 13–17)	+	74.5	43	95.3
Tdap (% ages 13–17)	+	79.5	49	96.2
Immunizations—Children (% ages 19–35 months)	++++	74.7	12	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	49.6	11	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+	42.8	49	16.3
Missed School Days (% ages 6–17)	+++++	2.3	2	1.8
Teen Births (births per 1,000 ages 15–19)	++	22.6	38	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	30.0	48	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Tennessee

TENNESSEE

**OVERALL  
RANK:**  
**41**


	2016	2018	2019
Women	37	35	35
Infants	44	46	46
Children	32	31	30
<b>Overall</b>	<b>42</b>	<b>43</b>	<b>41</b>

Annual Report Rank: **42**Senior Report Rank: **43**

## Strengths:

- Low prevalence of excessive drinking among women
- High prevalence of well-baby visits
- High immunization coverage among children

## Challenges:

- High prevalence of diabetes among women
- High prevalence of household smoke
- High prevalence of overweight or obesity among children

## State Health Department Website:

[tn.gov/health](http://tn.gov/health)

## Highlights:

- In the past year, HPV immunization increased 29% from 36.9% to 47.7% among females ages 13-17 and decreased 12% from 35.2% to 31.1% among males ages 13-17
- In the past year, tobacco use during pregnancy decreased 10% from 14.3% to 12.8% of live births
- In the past year, the percentage of infants exclusively breastfed for six months increased 33% from 17.1% to 22.7%
- In the past three years, excessive drinking among women ages 18-44 increased 50% from 11.5% to 17.2%
- In the past three years, drug deaths increased 39% from 16.8 to 23.4 deaths per 100,000 females ages 15-44
- In the past three years, infant child care cost increased 38% from 8.2% to 11.3% of married couple's median income

## SUMMARY

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	38				
Infants	+	45				
Children	++	36				
<b>Total</b>	+	43				
<b>Community &amp; Environment</b>						
Women	++	36				
Infants	++	39				
Children	++	34				
<b>Total</b>	++	38				
<b>Policy</b>						
Women	+++	28				
Infants	++	40				
Children	+++++	3				
<b>Total</b>	+++	29				
<b>Clinical Care</b>						
Women	+++	29				
Infants	++	38				
Children	++++	20				
<b>Total</b>	+++	28				
<b>Outcomes</b>						
Women	+	45				
Infants	++	40				
Children	++	39				
<b>Total</b>	+	45				
<b>Overall</b>						
Women	++	35				
Infants	+	46				
Children	+++	30				
<b>Total</b>	+	41				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,636.5	28	906.1
Excessive Drinking (% ages 18–44)	+++++	17.2	9	12.2
Obesity (% ages 18–44)	+	32.9	42	18.5
Physical Inactivity (% ages 18–44)	++	25.0	37	12.4
Smoking (% ages 18–44)	++	21.8	40	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++	24.4	35	2.5
Food Insecurity (% of households)	+++	12.9	30	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	39.6	36	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	92.7	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	26	25	63
Uninsured (% ages 19–44)	++	12.5	31	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	83.4	7	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	74.3	23	87.5
Dental Visit (% ages 18–44)	+	62.8	41	78.9
Flu Vaccination (% ages 18–44)	++	30.9	39	48.7
Well-Woman Visit (% ages 18–44)	+++	67.1	22	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	4.0	44	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	23.4	41	5.3
Maternal Mortality (deaths per 100,000 live births)	+	35.8	41	12.4
Postpartum Depression (% with a recent live birth)	*	16.5	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	32.4	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	22.7	37	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	52.3	*	25.8
Sleep Position (% with a recent live birth)	*	96.7	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	12.8	40	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	21.1	41	7.1
Infant Child Care Cost (% of married couple's median income)	++++	11.3	16	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	21.1	24	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	72	46	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	26.9	36	17.7
Prenatal Care Before Third Trimester (% of live births)	+	92.3	44	98.3
Well-Baby Check (% ages 0–2)	++++	85.4	12	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	7.1	39	3.9
Low Birthweight (% of live births)	+	9.2	41	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.5	39	2.6
Preterm Birth (% of live births)	+	11.1	41	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	89.8	3	91.0
Overweight or Obesity (% ages 10–17)	+	37.7	49	21.9
Substance Use Disorder (% ages 12–17)	++++	3.9	13	3.2
Tobacco Use (% ages 12–17)	++	7.1	39	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	24.1	35	14.8
Neighborhood Amenities (% ages 0–17)	+	25.4	42	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	12.1	30	21.9
Supportive Neighborhoods (% ages 0–17)	++++	60.1	12	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++++	77.2	14	82.9
Children With Health Insurance (% ages 0–17)	++++	96.3	12	98.4
Homeless Family Households (number per 10,000)	++++	3.1	13	1.4
Water Fluoridation (% served)	++++	88.1	17	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	82.5	13	90.9
Developmental Screening (% ages 9 months–5 years)	++++	37.2	13	60.0
Immunizations—Adolescents (mean z score)	+	-0.652	41	1.518
HPV Female (% ages 13–17)	++	47.7	36	76.8
HPV Male (% ages 13–17)	+	31.1	45	78.4
Meningococcal (% ages 13–17)	+	75.0	42	95.3
Tdap (% ages 13–17)	+++	89.4	27	96.2
Immunizations—Children (% ages 19–35 months)	+++++	79.3	2	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++++	50.4	8	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	32.0	37	16.3
Missed School Days (% ages 6–17)	++	4.1	33	1.8
Teen Births (births per 1,000 ages 15–19)	+	26.6	41	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	12.4	25	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Texas

TEXAS

**OVERALL  
RANK:  
43**


	2016	2018	2019
Women	48	50	49
Infants	34	31	33
Children	33	41	36
<b>Overall</b>	<b>41</b>	<b>44</b>	<b>43</b>

Annual Report Rank: **37**Senior Report Rank: **40**
**Strengths:**

- Low drug death rate among women
- Low prevalence of tobacco use during pregnancy
- Low prevalence of tobacco use among adolescents

**Challenges:**

- High percentage of uninsured women
- Low percentage of prenatal care before third trimester
- High teen birth rate

**State Health Department Website:**
[dshs.state.tx.us](http://dshs.state.tx.us)
**Highlights:**

- In the past year, teen births decreased 20% from 34.6 to 27.6 births per 1,000 females ages 15-19
- In the past year, HPV immunization among males ages 13-17 increased 36% from 26.5% to 36.0%
- In the past year, tobacco use during pregnancy decreased 17% from 3.6% to 3.0% of live births
- In the past three years, food insecurity decreased 19% from 17.2% to 14.0% of households
- In the past three years, tobacco use among youth ages 12-17 decreased 37% from 5.9% to 3.7%
- In the past three years, teen suicide increased 28% from 8.7 to 11.1 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	❖ US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	31	.....◆.....❖.....			
Infants	+++++	10	.....◆.....❖.....◆.....			
Children	+++++	3	.....◆.....❖.....◆.....◆.....			
<b>Total</b>	++++	11	.....◆.....❖.....◆.....			
<b>Community &amp; Environment</b>						
Women	+	43	.....◆.....❖.....			
Infants	+++++	5	.....◆.....❖.....◆.....◆.....			
Children	++	38	.....◆.....❖.....			
<b>Total</b>	++	34	.....◆.....❖.....			
<b>Policy</b>						
Women	+	50	◆.....◆.....❖.....			
Infants	++	33	.....◆.....❖.....			
Children	+	45	.....◆.....❖.....			
<b>Total</b>	+	50	◆.....◆.....❖.....			
<b>Clinical Care</b>						
Women	+	50	◆.....◆.....❖.....			
Infants	+	50	◆.....◆.....❖.....			
Children	+	49	.....◆.....❖.....			
<b>Total</b>	+	50	◆.....◆.....❖.....			
<b>Outcomes</b>						
Women	+++	28	.....◆.....❖.....◆.....			
Infants	+++	29	.....◆.....❖.....◆.....			
Children	+++	23	.....◆.....❖.....◆.....			
<b>Total</b>	+++	29	.....◆.....❖.....◆.....			
<b>Overall</b>						
Women	+	49	.....◆.....◆.....❖.....			
Infants	++	33	.....◆.....◆.....❖.....			
Children	++	36	.....◆.....◆.....❖.....			
<b>Total</b>	+	43	.....◆.....◆.....❖.....			



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,723.3	35	906.1
Excessive Drinking (% ages 18–44)	+++	19.1	21	12.2
Obesity (% ages 18–44)	++	31.0	37	18.5
Physical Inactivity (% ages 18–44)	++	25.6	38	12.4
Smoking (% ages 18–44)	+++++	13.2	10	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+	32.4	45	2.5
Food Insecurity (% of households)	++	14.0	40	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	40.1	39	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	NA	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	NA	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	10	49	63
Uninsured (% ages 19–44)	+	25.6	50	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	74.6	50	85.8
Dedicated Health Care Provider (% ages 18–44)	+	61.8	49	87.5
Dental Visit (% ages 18–44)	+	60.1	46	78.9
Flu Vaccination (% ages 18–44)	++	32.7	34	48.7
Well-Woman Visit (% ages 18–44)	++	61.9	38	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.1	31	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++++	7.4	4	5.3
Maternal Mortality (deaths per 100,000 live births)	+	39.2	42	12.4
Postpartum Depression (% with a recent live birth)	*	NA	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	NA	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++	24.1	32	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	NA	*	25.8
Sleep Position (% with a recent live birth)	*	NA	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	3.0	2	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	12.5	7	7.1
Infant Child Care Cost (% of married couple's median income)	++++	11.2	14	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	20.1	25	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	77	33	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+	28.6	44	17.7
Prenatal Care Before Third Trimester (% of live births)	+	89.8	49	98.3
Well-Baby Check (% ages 0–2)	+	76.1	49	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.7	19	3.9
Low Birthweight (% of live births)	+++	8.4	26	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	3.8	21	2.6
Preterm Birth (% of live births)	++	10.6	38	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	89.7	4	91.0
Overweight or Obesity (% ages 10–17)	++	32.4	37	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.6	7	3.2
Tobacco Use (% ages 12–17)	+++++	3.7	5	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	19.9	19	14.8
Neighborhood Amenities (% ages 0–17)	++	32.1	34	59.2
Protective Family Routines and Habits (% ages 0–17)	+	9.0	47	21.9
Supportive Neighborhoods (% ages 0–17)	+	51.6	41	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	71.4	39	82.9
Children With Health Insurance (% ages 0–17)	+	86.5	50	98.4
Homeless Family Households (number per 10,000)	+++++	2.9	10	1.4
Water Fluoridation (% served)	+++	79.0	22	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	69.1	48	90.9
Developmental Screening (% ages 9 months–5 years)	+++	35.2	21	60.0
Immunizations—Adolescents (mean z score)	+	-0.742	42	1.518
HPV Female (% ages 13–17)	+	43.5	46	76.8
HPV Male (% ages 13–17)	++	36.0	40	78.4
Meningococcal (% ages 13–17)	+++	85.1	22	95.3
Tdap (% ages 13–17)	+	83.2	45	96.2
Immunizations—Children (% ages 19–35 months)	+	67.8	41	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	35.1	48	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++	26.1	23	16.3
Missed School Days (% ages 6–17)	+++++	2.8	6	1.8
Teen Births (births per 1,000 ages 15–19)	+	27.6	44	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	11.1	20	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Utah

UTAH

**OVERALL  
RANK:**  
**9**


	2016	2018	2019
Women	16	13	10
Infants	2	6	11
Children	14	16	16
<b>Overall</b>	<b>6</b>	<b>8</b>	<b>9</b>

Annual Report Rank: **5**Senior Report Rank: **2**
**Strengths:**

- Low prevalence of diabetes among women
- Low prevalence of household smoke
- High prevalence of supportive neighborhoods

**Challenges:**

- Low prevalence of well-woman visits
- Low prevalence of well-baby visits
- Low prevalence of children with adequate health insurance

**State Health Department Website:**
[health.utah.gov](http://health.utah.gov)
**Highlights:**

- In the past year, chlamydia increased 4% from 871.5 to 906.1 cases per 100,000 females ages 15-44
- In the past year, teen births decreased 14% from 17.6 to 15.2 births per 1,000 females ages 15-19
- In the past year, substance use disorder among youth decreased 10% from 4.2% to 3.8%
- In the past three years, meningococcal immunization among children ages 13-17 increased 27% from 66.9% to 85.1%
- In the past three years, physical inactivity among women ages 18-44 decreased 16% from 16.9% to 14.2%
- In the past three years, neonatal mortality increased 19% from 3.6 to 4.3 deaths per 1,000 live births

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	◆ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	1	.....◆.....			◆.....
Infants	+++++	4	.....◆.....			◆.....
Children	+++++	1	.....◆.....			◆.....
<b>Total</b>	+++++	1	.....◆.....			◆.....
<b>Community &amp; Environment</b>						
Women	+++++	6	.....◆.....			◆.....
Infants	+++++	1	.....◆.....			◆.....
Children	+++++	2	.....◆.....			◆.....
<b>Total</b>	+++++	2	.....◆.....			◆.....
<b>Policy</b>						
Women	++	31	.....◆.....			.....◆.....
Infants	+	41	.....◆.....			.....◆.....
Children	+	50	◆.....			.....◆.....
<b>Total</b>	+	45	◆.....			.....◆.....
<b>Clinical Care</b>						
Women	+	42	.....◆.....			.....◆.....
Infants	+++++	8	.....◆.....			.....◆.....
Children	++	38	.....◆.....			.....◆.....
<b>Total</b>	++	32	.....◆.....			.....◆.....
<b>Outcomes</b>						
Women	+++++	10	.....◆.....			.....◆.....
Infants	++++	20	.....◆.....			.....◆.....
Children	++++	17	.....◆.....			.....◆.....
<b>Total</b>	++++	15	.....◆.....			.....◆.....
<b>Overall</b>						
Women	+++++	10	.....◆.....			.....◆.....
Infants	++++	11	.....◆.....			.....◆.....
Children	++++	16	.....◆.....			.....◆.....
<b>Total</b>	+++++	9	.....◆.....			.....◆.....

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	906.1	1	906.1
Excessive Drinking (% ages 18–44)	+++++	12.3	2	12.2
Obesity (% ages 18–44)	+++++	21.3	3	18.5
Physical Inactivity (% ages 18–44)	+++++	14.2	2	12.4
Smoking (% ages 18–44)	+++++	7.4	1	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	8.8	8	2.5
Food Insecurity (% of households)	++++	10.7	13	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.6	6	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.7	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	91.2	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	22	32	63
Uninsured (% ages 19–44)	+++	11.8	28	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	75.5	48	85.8
Dedicated Health Care Provider (% ages 18–44)	++	69.8	40	87.5
Dental Visit (% ages 18–44)	+++++	75.5	8	78.9
Flu Vaccination (% ages 18–44)	++	33.6	31	48.7
Well-Woman Visit (% ages 18–44)	+	55.8	48	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	1.7	1	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++	20.9	35	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	23.0	19	12.4
Postpartum Depression (% with a recent live birth)	*	15.3	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	25.4	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	27.8	19	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	25.8	*	25.8
Sleep Position (% with a recent live birth)	*	87.1	*	97.5
Tobacco Use During Pregnancy (% of live births)	+++++	3.2	3	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	7.1	1	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.3	28	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	8.6	44	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	75	37	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	17.7	1	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	96.3	5	98.3
Well-Baby Check (% ages 0–2)	+	79.0	41	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++++	5.2	12	3.9
Low Birthweight (% of live births)	++++	7.2	13	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.3	32	2.6
Preterm Birth (% of live births)	++++	9.4	19	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	86.0	26	91.0
Overweight or Obesity (% ages 10–17)	+++++	22.7	2	21.9
Substance Use Disorder (% ages 12–17)	++++	3.8	12	3.2
Tobacco Use (% ages 12–17)	+++++	3.6	3	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++++	17.6	7	14.8
Neighborhood Amenities (% ages 0–17)	+++++	53.1	6	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	13.3	21	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	71.0	1	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	63.4	50	82.9
Children With Health Insurance (% ages 0–17)	++	94.0	34	98.4
Homeless Family Households (number per 10,000)	++++	4.0	20	1.4
Water Fluoridation (% served)	+	51.7	42	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+	70.3	47	90.9
Developmental Screening (% ages 9 months–5 years)	+++	32.6	26	60.0
Immunizations—Adolescents (mean z score)	++	-0.150	31	1.518
HPV Female (% ages 13–17)	+	42.1	47	76.8
HPV Male (% ages 13–17)	+	32.9	44	78.4
Meningococcal (% ages 13–17)	+++	85.1	22	95.3
Tdap (% ages 13–17)	++++	91.6	16	96.2
Immunizations—Children (% ages 19–35 months)	++	67.9	40	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	47.2	18	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	25.0	18	16.3
Missed School Days (% ages 6–17)	+++++	2.8	4	1.8
Teen Births (births per 1,000 ages 15–19)	++++	15.2	17	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	20.3	44	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Vermont

VERMONT

**OVERALL  
RANK:**  
**4**


	2016	2018	2019
Women	3	2	2
Infants	3	8	3
Children	4	5	9
<b>Overall</b>	<b>2</b>	<b>4</b>	<b>4</b>

Annual Report Rank: **4**Senior Report Rank: **8**
**Strengths:**

- Low prevalence of physical inactivity among women
- High percentage of infants exclusively breastfed for six months
- Low teen birth rate

**Challenges:**

- High prevalence of excessive drinking among women
- High prevalence of tobacco use during pregnancy
- High prevalence of substance use disorder among adolescents

**State Health Department Website:**
[healthvermont.gov](http://healthvermont.gov)
**Highlights:**

- In the past year, tobacco use during pregnancy decreased 7% from 16.6% to 15.5% of live births
- In the past year, HPV immunization increased 17% from 58.4% to 68.5% among females ages 13-17 and 15% from 53.1% to 60.8% among males ages 13-17
- In the past year, the percentage of infants exclusively breastfed for six months increased 37% from 27.7% to 38.0%
- In the past three years, drug deaths increased 35% from 13.1 to 17.7 deaths per 100,000 females ages 15-44
- In the past three years, teen births decreased 29% from 14.2 to 10.1 births per 1,000 females ages 15-19
- In the past three years, food insecurity decreased 22% from 12.6% to 9.8% of households

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	7				
Infants	++++	20				
Children	+++	28				
<b>Total</b>	++++	17				
<b>Community &amp; Environment</b>						
Women	++++	11				
Infants	+	41				
Children	+++++	9				
<b>Total</b>	++++	14				
<b>Policy</b>						
Women	+++++	1				
Infants	++++	12				
Children	++++	15				
<b>Total</b>	+++++	5				
<b>Clinical Care</b>						
Women	+++++	5				
Infants	+++++	1				
Children	+++++	5				
<b>Total</b>	+++++	3				
<b>Outcomes</b>						
Women	+++	22				
Infants	+++++	1				
Children	++++	11				
<b>Total</b>	+++++	4				
<b>Overall</b>						
Women	+++++	2				
Infants	+++++	3				
Children	+++++	9				
<b>Total</b>	+++++	4				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	1,000.0	4	906.1
Excessive Drinking (% ages 18–44)	++	23.2	40	12.2
Obesity (% ages 18–44)	++++	25.6	18	18.5
Physical Inactivity (% ages 18–44)	+++++	14.8	3	12.4
Smoking (% ages 18–44)	+++	18.6	30	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	2.5	1	2.5
Food Insecurity (% of households)	+++++	9.8	7	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	39.2	33	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.7	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	93.7	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	59	2	63
Uninsured (% ages 19–44)	+++++	6.9	7	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	83.1	10	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	87.0	2	87.5
Dental Visit (% ages 18–44)	+++++	77.5	4	78.9
Flu Vaccination (% ages 18–44)	+++	35.2	27	48.7
Well-Woman Visit (% ages 18–44)	+++	66.7	25	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++++	2.6	17	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	17.7	29	5.3
Maternal Mortality (deaths per 100,000 live births)	+++	26.6	26	12.4
Postpartum Depression (% with a recent live birth)	*	11.5	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	22.5	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++++	38.0	2	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	68.4	*	25.8
Sleep Position (% with a recent live birth)	*	87.8	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	15.5	48	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	17.2	30	7.1
Infant Child Care Cost (% of married couple's median income)	++	13.9	37	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	10.4	42	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	88	4	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	19.9	6	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	98.3	1	98.3
Well-Baby Check (% ages 0–2)	+++++	87.9	7	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.0	2	3.9
Low Birthweight (% of live births)	+++++	6.7	4	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	2.6	1	2.6
Preterm Birth (% of live births)	+++++	7.5	1	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	89.1	8	91.0
Overweight or Obesity (% ages 10–17)	++++	27.2	12	21.9
Substance Use Disorder (% ages 12–17)	+	5.5	45	3.2
Tobacco Use (% ages 12–17)	+	7.5	41	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	21.5	25	14.8
Neighborhood Amenities (% ages 0–17)	+++	33.8	29	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	21.9	1	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	62.2	7	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++++	79.3	5	82.9
Children With Health Insurance (% ages 0–17)	+++++	98.4	1	98.4
Homeless Family Households (number per 10,000)	+	11.0	45	1.4
Water Fluoridation (% served)	++	56.3	40	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++++	87.4	4	90.9
Developmental Screening (% ages 9 months–5 years)	++++	37.0	15	60.0
Immunizations—Adolescents (mean z score)	+++++	0.828	6	1.518
HPV Female (% ages 13–17)	+++++	68.5	2	76.8
HPV Male (% ages 13–17)	+++++	60.8	3	78.4
Meningococcal (% ages 13–17)	+++	84.2	26	95.3
Tdap (% ages 13–17)	+++++	92.8	10	96.2
Immunizations—Children (% ages 19–35 months)	++++	74.0	15	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	47.5	16	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	20.3	8	16.3
Missed School Days (% ages 6–17)	+	4.5	42	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	10.1	4	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+++	11.8	23	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Virginia

VIRGINIA

**OVERALL  
RANK:  
18**


	2016	2018	2019
Women	17	18	22
Infants	17	18	23
Children	9	12	6
<b>Overall</b>	<b>12</b>	<b>15</b>	<b>18</b>

Annual Report Rank: **20**Senior Report Rank: **25**

## Strengths:

- High flu vaccination coverage among women
- High percentage of prenatal care before third trimester
- High HPV immunization coverage among adolescent females

## Challenges:

- Low prevalence of women with a dedicated health care provider
- High cost of infant child care
- Low meningococcal immunization coverage among adolescents

## State Health Department Website:

[www.vdh.virginia.gov](http://www.vdh.virginia.gov)

## Highlights:

- In the past year, chlamydia increased 10% from 1,388.8 to 1,525.6 cases per 100,000 females ages 15-44
- In the past year, HPV immunization among females ages 13-17 increased 65% from 41.1% to 68.0%
- In the past three years, tobacco use among youth ages 12-17 decreased 34% from 7.7% to 5.1%
- In the past three years, infant child care cost increased 25% from 10.7% to 13.4% of married couple's median income
- In the past three years, drug deaths increased 43% from 10.6 to 15.2 deaths per 100,000 females ages 15-44
- In the past three years, infant mortality decreased 6% from 6.3 to 5.9 deaths per 1,000 live births

## SUMMARY

	Rating	State Rank	Least Healthy State	◆ State Score	◆ US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++	23		◆		
Infants	++++	14		◆	◆	
Children	+++++	6		◆		◆
<b>Total</b>	+++++	8		◆	◆	
<b>Community &amp; Environment</b>						
Women	+++++	7		◆		◆
Infants	+++	26		◆	◆	
Children	+++	23		◆	◆	
<b>Total</b>	++++	13		◆	◆	
<b>Policy</b>						
Women	++	39		◆	◆	
Infants	++	31	◆	◆		
Children	+++++	5		◆		◆
<b>Total</b>	++	32	◆	◆		
<b>Clinical Care</b>						
Women	++++	17		◆	◆	
Infants	++++	16		◆	◆	
Children	++++	16		◆	◆	
<b>Total</b>	++++	15		◆	◆	
<b>Outcomes</b>						
Women	+++	25		◆	◆	
Infants	+++	26		◆	◆	
Children	+++++	9		◆		◆
<b>Total</b>	++++	17		◆	◆	
<b>Overall</b>						
Women	+++	22		◆	◆	
Infants	+++	23		◆	◆	
Children	+++++	6		◆		◆
<b>Total</b>	++++	18		◆	◆	

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++	1,525.6	21	906.1
Excessive Drinking (% ages 18–44)	+++	19.6	24	12.2
Obesity (% ages 18–44)	+++	28.3	26	18.5
Physical Inactivity (% ages 18–44)	+++	22.1	25	12.4
Smoking (% ages 18–44)	++++	15.1	19	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	12.6	13	2.5
Food Insecurity (% of households)	+++++	10.1	9	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.6	6	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.8	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	89.6	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+	17	41	63
Uninsured (% ages 19–44)	++	12.5	31	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++	80.1	29	85.8
Dedicated Health Care Provider (% ages 18–44)	++	72.1	32	87.5
Dental Visit (% ages 18–44)	++++	70.3	15	78.9
Flu Vaccination (% ages 18–44)	+++++	40.9	9	48.7
Well-Woman Visit (% ages 18–44)	++++	68.9	16	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.8	23	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	15.2	18	5.3
Maternal Mortality (deaths per 100,000 live births)	++	29.5	33	12.4
Postpartum Depression (% with a recent live birth)	*	12.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	26.6	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+++	26.6	22	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	58.3	*	25.8
Sleep Position (% with a recent live birth)	*	75.9	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	5.6	14	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++++	14.9	18	7.1
Infant Child Care Cost (% of married couple's median income)	++	13.4	35	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	12.7	39	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++	80	21	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	26.4	33	17.7
Prenatal Care Before Third Trimester (% of live births)	++++	95.2	14	98.3
Well-Baby Check (% ages 0–2)	++++	85.0	15	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	5.9	23	3.9
Low Birthweight (% of live births)	+++	8.4	26	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	3.9	23	2.6
Preterm Birth (% of live births)	+++	9.5	21	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	86.9	19	91.0
Overweight or Obesity (% ages 10–17)	++++	27.5	13	21.9
Substance Use Disorder (% ages 12–17)	+++++	3.6	7	3.2
Tobacco Use (% ages 12–17)	++++	5.1	19	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	19.9	18	14.8
Neighborhood Amenities (% ages 0–17)	+++	37.0	21	59.2
Protective Family Routines and Habits (% ages 0–17)	+++	13.2	22	21.9
Supportive Neighborhoods (% ages 0–17)	++++	59.6	17	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	74.9	22	82.9
Children With Health Insurance (% ages 0–17)	+++	95.1	26	98.4
Homeless Family Households (number per 10,000)	++++	3.2	14	1.4
Water Fluoridation (% served)	+++++	95.9	7	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	79.4	25	90.9
Developmental Screening (% ages 9 months–5 years)	++	29.1	32	60.0
Immunizations—Adolescents (mean z score)	++++	0.210	20	1.518
HPV Female (% ages 13–17)	+++++	68.0	3	76.8
HPV Male (% ages 13–17)	++++	50.4	15	78.4
Meningococcal (% ages 13–17)	++	80.0	36	95.3
Tdap (% ages 13–17)	+++	89.3	29	96.2
Immunizations—Children (% ages 19–35 months)	+++++	77.1	6	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	44.2	31	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	23.6	15	16.3
Missed School Days (% ages 6–17)	++++	3.2	11	1.8
Teen Births (births per 1,000 ages 15–19)	++++	15.0	14	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	9.9	17	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	
+++++	1–10
++++	11–20
+++	21–30
++	31–40
+	41–50



# Washington

**OVERALL  
RANK:  
17**


	2016	2018	2019
Women	27	18	19
Infants	8	9	9
Children	16	18	24
<b>Overall</b>	<b>16</b>	<b>11</b>	<b>17</b>

Annual Report Rank: **9**Senior Report Rank: **14**
**Strengths:**

- Low prevalence of physical inactivity among women
- Low neonatal mortality rate
- Low prevalence of overweight or obesity among children

**Challenges:**

- High prevalence of diabetes among women
- High cost of infant child care
- Low prevalence of supportive neighborhoods

**State Health Department Website:**

doh.wa.gov

**Highlights:**

- In the past year, substance use disorder among youth decreased 4% from 5.4% to 5.2%
- In the past year, chlamydia increased 5% from 1,329.7 to 1,394.5 cases per 100,000 females ages 15-44
- In the past year, HPV immunization among males ages 13-17 increased 22% from 44.0% to 53.7%
- In the past three years, teen births decreased 23% from 19.1 to 14.8 births per 1,000 females ages 15-19
- In the past three years, dedicated health care provider among women ages 18-44 increased 6% from 67.9% to 71.9%
- In the past three years, teen suicide increased 32% from 11.4 to 15.0 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	+++++	5				
Infants	+++++	9				
Children	+++	29				
<b>Total</b>	++++	12				
<b>Community &amp; Environment</b>						
Women	+++	24				
Infants	+++	21				
Children	++++	20				
<b>Total</b>	+++	23				
<b>Policy</b>						
Women	++++	19				
Infants	++++	20				
Children	+++	28				
<b>Total</b>	++++	17				
<b>Clinical Care</b>						
Women	+++	30				
Infants	+++	21				
Children	+++	24				
<b>Total</b>	+++	26				
<b>Outcomes</b>						
Women	++++	19				
Infants	+++++	3				
Children	++++	13				
<b>Total</b>	+++++	6				
<b>Overall</b>						
Women	++++	19				
Infants	+++++	9				
Children	+++	24				
<b>Total</b>	++++	17				



WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++++	1,394.5	12	906.1
Excessive Drinking (% ages 18–44)	++++	18.8	19	12.2
Obesity (% ages 18–44)	++++	25.3	16	18.5
Physical Inactivity (% ages 18–44)	+++++	17.5	10	12.4
Smoking (% ages 18–44)	++++	13.5	13	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	13.7	16	2.5
Food Insecurity (% of households)	++++	10.8	14	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+	41.4	42	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.9	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	89.9	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++	26	25	63
Uninsured (% ages 19–44)	++++	8.5	16	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++	79.9	32	85.8
Dedicated Health Care Provider (% ages 18–44)	++	71.9	34	87.5
Dental Visit (% ages 18–44)	+++	68.4	23	78.9
Flu Vaccination (% ages 18–44)	++++	37.4	15	48.7
Well-Woman Visit (% ages 18–44)	++	61.5	40	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	++	3.5	39	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	++++	11.4	12	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	19.7	11	12.4
Postpartum Depression (% with a recent live birth)	*	11.3	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	24.9	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	29.1	13	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	56.3	*	25.8
Sleep Position (% with a recent live birth)	*	85.3	*	97.5
Tobacco Use During Pregnancy (% of live births)	++++	6.8	20	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++++	11.3	5	7.1
Infant Child Care Cost (% of married couple's median income)	+	15.4	45	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+++	18.4	28	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+++++	83	10	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++++	23.1	14	17.7
Prenatal Care Before Third Trimester (% of live births)	+++	93.9	28	98.3
Well-Baby Check (% ages 0–2)	+++	82.5	25	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	4.6	6	3.9
Low Birthweight (% of live births)	+++++	6.6	2	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	2.6	1	2.6
Preterm Birth (% of live births)	+++++	8.4	5	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+	79.4	44	91.0
Overweight or Obesity (% ages 10–17)	+++++	25.0	6	21.9
Substance Use Disorder (% ages 12–17)	+	5.2	41	3.2
Tobacco Use (% ages 12–17)	+++	5.5	23	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++++	18.4	13	14.8
Neighborhood Amenities (% ages 0–17)	++++	40.0	14	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	17.2	8	21.9
Supportive Neighborhoods (% ages 0–17)	+	50.3	47	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+++	73.3	30	82.9
Children With Health Insurance (% ages 0–17)	+++++	97.4	6	98.4
Homeless Family Households (number per 10,000)	+	9.8	43	1.4
Water Fluoridation (% served)	++	63.9	33	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	81.3	14	90.9
Developmental Screening (% ages 9 months–5 years)	++	27.7	35	60.0
Immunizations—Adolescents (mean z score)	+++	0.108	24	1.518
HPV Female (% ages 13–17)	++++	56.8	19	76.8
HPV Male (% ages 13–17)	+++++	53.7	10	78.4
Meningococcal (% ages 13–17)	++	82.6	32	95.3
Tdap (% ages 13–17)	++	88.6	31	96.2
Immunizations—Children (% ages 19–35 months)	+++	69.9	29	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+++	45.7	25	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	+++++	21.4	9	16.3
Missed School Days (% ages 6–17)	+++	3.7	21	1.8
Teen Births (births per 1,000 ages 15–19)	++++	14.8	12	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	15.0	40	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# West Virginia

WEST VIRGINIA

**OVERALL  
RANK:  
42**


	2016	2018	2019
Women	25	25	25
Infants	46	49	48
Children	43	40	41
<b>Overall</b>	<b>38</b>	<b>40</b>	<b>42</b>

Annual Report Rank: **44**Senior Report Rank: **46**
**Strengths:**

- Low prevalence of excessive drinking among women
- High prevalence of well-baby visits
- Low prevalence of homeless family households

**Challenges:**

- High drug death rate among women
- High prevalence of tobacco use during pregnancy
- High prevalence of tobacco use among adolescents

**State Health Department Website:**
[dhhr.wv.gov](http://dhhr.wv.gov)
**Highlights:**

- In the past year, tobacco use among youth ages 12-17 decreased 23% from 12.4% to 9.5%
- In the past year, teen births decreased 15% from 31.9 to 27.1 births per 1,000 females ages 15-19
- In the past year, HPV immunization among males ages 13-17 increased 19% from 33.0% to 39.3%
- In the past three years, dedicated health care provider among women ages 18-44 increased 8% from 70.5% to 75.9%
- In the past three years, child mortality decreased 12% from 34.2 to 30.0 deaths per 100,000 children ages 1-19
- In the past three years, drug deaths increased 51% from 34.0 to 51.3 deaths per 100,000 females ages 15-44

**SUMMARY**

	Rating	State Rank	Least Healthy State	State Score	US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	19				
Infants	+	50				
Children	+	43				
<b>Total</b>	+	44				
<b>Community &amp; Environment</b>						
Women	++	37				
Infants	+	46				
Children	+	48				
<b>Total</b>	+	47				
<b>Policy</b>						
Women	+++++	2				
Infants	+	46				
Children	+++++	10				
<b>Total</b>	++++	14				
<b>Clinical Care</b>						
Women	++++	17				
Infants	++	31				
Children	++++	18				
<b>Total</b>	+++	22				
<b>Outcomes</b>						
Women	+	43				
Infants	+	45				
Children	+	43				
<b>Total</b>	+	47				
<b>Overall</b>						
Women	+++	25				
Infants	+	48				
Children	+	41				
<b>Total</b>	+	42				

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	982.7	3	906.1
Excessive Drinking (% ages 18–44)	+++++	12.2	1	12.2
Obesity (% ages 18–44)	+	32.5	41	18.5
Physical Inactivity (% ages 18–44)	+++	22.7	28	12.4
Smoking (% ages 18–44)	+	33.6	50	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++	20.4	27	2.5
Food Insecurity (% of households)	+	14.9	44	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	++	39.4	35	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	1.7	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	88.1	*	95.1
Publicly-Funded Women's Health Services (% of need met)	+++++	47	4	63
Uninsured (% ages 19–44)	++++	8.9	18	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	++++	81.4	20	85.8
Dedicated Health Care Provider (% ages 18–44)	+++	75.9	21	87.5
Dental Visit (% ages 18–44)	++	65.5	36	78.9
Flu Vaccination (% ages 18–44)	++++	36.8	20	48.7
Well-Woman Visit (% ages 18–44)	+++++	72.5	6	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+	4.1	45	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+	51.3	50	5.3
Maternal Mortality (deaths per 100,000 live births)	+++++	17.2	5	12.4
Postpartum Depression (% with a recent live birth)	*	12.4	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	31.8	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	+	20.2	47	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	41.5	*	25.8
Sleep Position (% with a recent live birth)	*	86.5	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	24.7	50	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+	22.2	45	7.1
Infant Child Care Cost (% of married couple's median income)	++++	11.6	18	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	8.1	45	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	+	73	43	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	++	27.6	38	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.3	37	98.3
Well-Baby Check (% ages 0–2)	+++++	86.5	10	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	++	7.2	40	3.9
Low Birthweight (% of live births)	+	9.5	44	6.2
Neonatal Mortality (deaths per 1,000 live births)	++	4.3	32	2.6
Preterm Birth (% of live births)	+	12.0	47	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++++	89.4	6	91.0
Overweight or Obesity (% ages 10–17)	+	34.9	45	21.9
Substance Use Disorder (% ages 12–17)	+++	4.4	30	3.2
Tobacco Use (% ages 12–17)	+	9.5	49	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+	27.7	49	14.8
Neighborhood Amenities (% ages 0–17)	+	23.3	43	59.2
Protective Family Routines and Habits (% ages 0–17)	+	7.9	48	21.9
Supportive Neighborhoods (% ages 0–17)	+++	57.4	28	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	++	72.9	31	82.9
Children With Health Insurance (% ages 0–17)	+++	95.4	21	98.4
Homeless Family Households (number per 10,000)	+++++	1.6	3	1.4
Water Fluoridation (% served)	++++	90.5	14	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++++	85.0	11	90.9
Developmental Screening (% ages 9 months–5 years)	+++	32.0	27	60.0
Immunizations—Adolescents (mean z score)	+++	-0.143	30	1.518
HPV Female (% ages 13–17)	++	48.6	33	76.8
HPV Male (% ages 13–17)	++	39.3	35	78.4
Meningococcal (% ages 13–17)	++++	87.9	17	95.3
Tdap (% ages 13–17)	++	87.5	34	96.2
Immunizations—Children (% ages 19–35 months)	++++	74.7	12	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++++	47.9	14	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	30.0	35	16.3
Missed School Days (% ages 6–17)	+	6.0	49	1.8
Teen Births (births per 1,000 ages 15–19)	+	27.1	43	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++++	9.4	12	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# Wisconsin

WISCONSIN

**OVERALL  
RANK:  
19**


	2016	2018	2019
Women	9	14	15
Infants	21	21	24
Children	15	14	20
<b>Overall</b>	<b>15</b>	<b>14</b>	<b>19</b>

Annual Report Rank: **23**Senior Report Rank: **10**
**Strengths:**

- Low prevalence of diabetes among women
- Low percentage of low-risk cesarean deliveries
- Low teen birth rate

**Challenges:**

- High prevalence of excessive drinking among women
- High prevalence of tobacco use during pregnancy
- Low prevalence of children with adequate health insurance

**State Health Department Website:**
[dhs.wisconsin.gov](http://dhs.wisconsin.gov)
**Highlights:**

- In the past year, HPV immunization among males ages 13-17 increased 29% from 37.8% to 48.8%
- In the past year, teen births decreased 15% from 16.2 to 13.8 births per 1,000 females ages 15-19
- In the past three years, teen suicide increased 30% from 10.6 to 13.8 deaths per 100,000 adolescents ages 15-19
- In the past three years, the percentage of infants exclusively breastfed for six months increased 18% from 23.9% to 28.3%
- In the past three years, drug deaths increased 30% from 14.2 to 18.5 deaths per 100,000 females ages 15-44
- In the past three years, tobacco use among youth ages 12-17 decreased 41% from 9.3% to 5.5%

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	✦ US Score	Most Healthy State
<b>Behaviors</b>						
Women	++	34	.....◆.....✦.....			
Infants	+++	30	.....◆.....✦.....			
Children	+++++	10	.....✦.....◆.....			
<b>Total</b>	+++	23	.....◆.....✦.....			
<b>Community &amp; Environment</b>						
Women	++++	16	.....✦.....◆.....			
Infants	++	33	.....◆.....✦.....			
Children	+++	25	.....✦.....◆.....			
<b>Total</b>	++++	18	.....✦.....◆.....			
<b>Policy</b>						
Women	+++	21	.....✦.....◆.....			
Infants	+++	25	.....◆.....✦.....			
Children	+++	25	.....✦.....◆.....			
<b>Total</b>	++++	19	.....✦.....◆.....			
<b>Clinical Care</b>						
Women	+++++	6	.....✦.....◆.....			
Infants	+++++	9	.....◆.....✦.....			
Children	+++	27	.....✦.....◆.....			
<b>Total</b>	+++++	8	.....✦.....◆.....			
<b>Outcomes</b>						
Women	+++++	9	.....✦.....◆.....			
Infants	+++	25	.....◆.....✦.....			
Children	+++	23	.....◆.....✦.....			
<b>Total</b>	++++	19	.....◆.....✦.....			
<b>Overall</b>						
Women	++++	15	.....✦.....◆.....			
Infants	+++	24	.....◆.....✦.....			
Children	++++	20	.....✦.....◆.....			
<b>Total</b>	++++	19	.....✦.....◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	++	1,655.5	32	906.1
Excessive Drinking (% ages 18–44)	+	26.8	49	12.2
Obesity (% ages 18–44)	+++	28.7	29	18.5
Physical Inactivity (% ages 18–44)	++++	18.6	16	12.4
Smoking (% ages 18–44)	+++	17.6	25	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	++++	13.8	18	2.5
Food Insecurity (% of households)	+++++	10.0	8	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++	36.3	22	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	2.8	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	94.2	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++	22	32	63
Uninsured (% ages 19–44)	++++	7.3	11	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+++++	84.1	6	85.8
Dedicated Health Care Provider (% ages 18–44)	+++++	82.7	6	87.5
Dental Visit (% ages 18–44)	++++	72.2	11	78.9
Flu Vaccination (% ages 18–44)	++++	38.7	12	48.7
Well-Woman Visit (% ages 18–44)	++++	68.2	18	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++++	2.1	5	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	18.5	30	5.3
Maternal Mortality (deaths per 100,000 live births)	++++	19.9	12	12.4
Postpartum Depression (% with a recent live birth)	*	11.7	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	27.3	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	28.3	18	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	69.4	*	25.8
Sleep Position (% with a recent live birth)	*	86.2	*	97.5
Tobacco Use During Pregnancy (% of live births)	++	11.0	32	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	+++	16.8	28	7.1
Infant Child Care Cost (% of married couple's median income)	++	13.6	36	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	++	16.0	35	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++++	82	13	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	21.6	10	17.7
Prenatal Care Before Third Trimester (% of live births)	+++++	95.9	10	98.3
Well-Baby Check (% ages 0–2)	+++	82.0	28	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++	6.1	26	3.9
Low Birthweight (% of live births)	++++	7.7	19	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++	4.1	29	2.6
Preterm Birth (% of live births)	+++	9.6	25	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	++++	88.6	11	91.0
Overweight or Obesity (% ages 10–17)	++++	27.6	16	21.9
Substance Use Disorder (% ages 12–17)	+++	4.2	24	3.2
Tobacco Use (% ages 12–17)	+++	5.5	23	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	+++	21.7	26	14.8
Neighborhood Amenities (% ages 0–17)	+++	33.7	30	59.2
Protective Family Routines and Habits (% ages 0–17)	++++	15.2	15	21.9
Supportive Neighborhoods (% ages 0–17)	++++	59.8	15	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	69.6	42	82.9
Children With Health Insurance (% ages 0–17)	++++	95.9	16	98.4
Homeless Family Households (number per 10,000)	+++	4.5	24	1.4
Water Fluoridation (% served)	++++	88.9	16	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	++	76.9	35	90.9
Developmental Screening (% ages 9 months–5 years)	++++	37.0	14	60.0
Immunizations—Adolescents (mean z score)	+++	0.197	21	1.518
HPV Female (% ages 13–17)	+++	56.0	21	76.8
HPV Male (% ages 13–17)	++++	48.8	18	78.4
Meningococcal (% ages 13–17)	+++	83.8	28	95.3
Tdap (% ages 13–17)	+++	90.3	22	96.2
Immunizations—Children (% ages 19–35 months)	++	69.2	36	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	+	41.0	42	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++++	24.3	16	16.3
Missed School Days (% ages 6–17)	+	4.7	46	1.8
Teen Births (births per 1,000 ages 15–19)	+++++	13.8	10	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	++	13.8	34	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

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RATING	
Symbol	Rank
+++++	1-10
++++	11-20
+++	21-30
++	31-40
+	41-50

# Wyoming

WYOMING

**OVERALL  
RANK:  
33**


	2016	2018	2019
Women	30	30	32
Infants	16	27	31
Children	42	46	44
<b>Overall</b>	<b>29</b>	<b>31</b>	<b>33</b>

Annual Report Rank: **24**Senior Report Rank: **35**
**Strengths:**

- Low incidence of chlamydia among females
- Low neonatal mortality rate
- High prevalence of supportive neighborhoods

**Challenges:**

- High percentage of uninsured women
- High prevalence of tobacco use during pregnancy
- High teen suicide rate

**State Health Department Website:**
[health.wyo.gov](http://health.wyo.gov)
**Highlights:**

- In the past year, teen births decreased 16% from 29.2 to 24.6 births per 1,000 females ages 15-19
- In the past year, HPV immunization among males ages 13-17 increased 43% from 19.9% to 28.4%
- In the past year, tobacco use during pregnancy decreased 5% from 15.2% to 14.4% of live births
- In the past three years, low birthweight decreased 5% from 9.2% to 8.7% of live births
- In the past three years, tobacco use among youth ages 12-17 decreased 39% from 10.9% to 6.6%
- In the past three years, teen suicide increased 40% from 22.2 to 31.1 deaths per 100,000 adolescents ages 15-19

**SUMMARY**

	Rating	State Rank	Least Healthy State	◆ State Score	✦ US Score	Most Healthy State
<b>Behaviors</b>						
Women	++++	16	.....◆.....◆.....			
Infants	+	41	.....◆.....◆.....			
Children	++	36	.....◆.....◆.....			
<b>Total</b>	++	32	.....◆.....◆.....			
<b>Community &amp; Environment</b>						
Women	++++	11	.....◆.....◆.....			
Infants	+++	30	.....◆.....◆.....			
Children	++++	14	.....◆.....◆.....			
<b>Total</b>	++++	15	.....◆.....◆.....			
<b>Policy</b>						
Women	++	38	.....◆.....◆.....			
Infants	+	41	.....◆.....◆.....			
Children	+	46	.....◆.....◆.....			
<b>Total</b>	+	48	.....◆.....◆.....			
<b>Clinical Care</b>						
Women	+	47	.....◆.....◆.....			
Infants	+++	25	.....◆.....◆.....			
Children	+	47	.....◆.....◆.....			
<b>Total</b>	+	45	.....◆.....◆.....			
<b>Outcomes</b>						
Women	+++	30	.....◆.....◆.....			
Infants	++++	13	.....◆.....◆.....			
Children	+	45	.....◆.....◆.....			
<b>Total</b>	+++	30	.....◆.....◆.....			
<b>Overall</b>						
Women	++	32	.....◆.....◆.....			
Infants	++	31	.....◆.....◆.....			
Children	+	44	.....◆.....◆.....			
<b>Total</b>	++	33	.....◆.....◆.....			

WOMEN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Chlamydia (cases per 100,000 ages 15–44)	+++++	1,202.7	6	906.1
Excessive Drinking (% ages 18–44)	+++	20.5	29	12.2
Obesity (% ages 18–44)	++++	25.7	19	18.5
Physical Inactivity (% ages 18–44)	++++	17.7	11	12.4
Smoking (% ages 18–44)	+	22.9	42	7.4
<b>Community &amp; Environment</b>				
Concentrated Disadvantage (% of households)	+++++	3.8	3	2.5
Food Insecurity (% of households)	++	13.2	34	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	+++++	33.9	9	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	*	0.8	*	0.8
<b>Policy</b>				
Postpartum Visit (% with a recent live birth)	*	92.8	*	95.1
Publicly-Funded Women's Health Services (% of need met)	++++	30	15	63
Uninsured (% ages 19–44)	+	17.9	45	3.3
<b>Clinical Care</b>				
Cervical Cancer Screening (% ages 21–44)	+	75.7	47	85.8
Dedicated Health Care Provider (% ages 18–44)	+	62.8	48	87.5
Dental Visit (% ages 18–44)	+++	67.0	30	78.9
Flu Vaccination (% ages 18–44)	+	30.0	42	48.7
Well-Woman Visit (% ages 18–44)	+	58.1	45	78.5
<b>Outcomes</b>				
Diabetes (% ages 18–44)	+++	2.8	23	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	+++	16.6	24	5.3
Maternal Mortality (deaths per 100,000 live births)	++	34.8	40	12.4
Postpartum Depression (% with a recent live birth)	*	12.7	*	7.4
Unintended Pregnancy (% with a recent live birth)	*	30.3	*	19.8

INFANTS	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
Breastfed (% of infants)	++++	28.8	16	42.1
Drinking Before Pregnancy (% with a recent live birth)	*	65.2	*	25.8
Sleep Position (% with a recent live birth)	*	86.0	*	97.5
Tobacco Use During Pregnancy (% of live births)	+	14.4	45	1.4
<b>Community &amp; Environment</b>				
Household Smoke (% ages 0–17)	++	18.9	38	7.1
Infant Child Care Cost (% of married couple's median income)	+++	12.0	23	7.3
<b>Policy</b>				
Baby-Friendly Facility (% of live births)	+	2.4	50	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	++	77	33	96
<b>Clinical Care</b>				
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	+++++	21.2	9	17.7
Prenatal Care Before Third Trimester (% of live births)	++	93.8	31	98.3
Well-Baby Check (% ages 0–2)	++	80.1	36	90.7
<b>Outcomes</b>				
Infant Mortality (deaths per 1,000 live births)	+++++	5.0	10	3.9
Low Birthweight (% of live births)	++	8.7	31	6.2
Neonatal Mortality (deaths per 1,000 live births)	+++++	3.1	9	2.6
Preterm Birth (% of live births)	++++	8.9	11	7.5

CHILDREN	Rating	2019 Value	2019 Rank	No. 1 State
<b>Behaviors</b>				
High School Graduation (% of students)	+++	86.2	25	91.0
Overweight or Obesity (% ages 10–17)	++++	28.2	19	21.9
Substance Use Disorder (% ages 12–17)	+	5.4	44	3.2
Tobacco Use (% ages 12–17)	++	6.6	34	3.4
<b>Community &amp; Environment</b>				
Adverse Childhood Experiences (% ages 0–17)	++	25.1	38	14.8
Neighborhood Amenities (% ages 0–17)	++++	45.0	11	59.2
Protective Family Routines and Habits (% ages 0–17)	+++++	16.6	9	21.9
Supportive Neighborhoods (% ages 0–17)	+++++	60.7	10	71.0
<b>Policy</b>				
Adequate Health Insurance (% of insured ages 0–17)	+	68.7	45	82.9
Children With Health Insurance (% ages 0–17)	++	93.8	36	98.4
Homeless Family Households (number per 10,000)	++	5.3	34	1.4
Water Fluoridation (% served)	++	57.1	39	99.9
<b>Clinical Care</b>				
Adolescent Well-Visit (% ages 12–17)	+++	78.2	30	90.9
Developmental Screening (% ages 9 months–5 years)	++	27.0	36	60.0
Immunizations—Adolescents (mean z score)	+	-1.432	49	1.518
HPV Female (% ages 13–17)	+	33.6	50	76.8
HPV Male (% ages 13–17)	+	28.4	48	78.4
Meningococcal (% ages 13–17)	+	60.7	50	95.3
Tdap (% ages 13–17)	++	86.4	38	96.2
Immunizations—Children (% ages 19–35 months)	++++	72.0	18	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	++	43.8	33	57.0
<b>Outcomes</b>				
Child Mortality (deaths per 100,000 ages 1–19)	++	32.6	39	16.3
Missed School Days (% ages 6–17)	+++	3.9	30	1.8
Teen Births (births per 1,000 ages 15–19)	++	24.6	40	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	+	31.1	49	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+	1–10
++++	++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# District of Columbia



NOT RANKED

## Strengths:

- High HPV immunization coverage among adolescents
- Low prevalence of tobacco use during pregnancy
- Low percentage of uninsured women

## Challenges:

- Low percentage of high school graduation
- High neonatal mortality rate
- High prevalence of excessive drinking among women

## State Health Department Website:

[dchealth.dc.gov](http://dchealth.dc.gov)

## Highlights:

- In the past year, the percentage of infants exclusively breastfed for six months increased 24% from 23.5% to 29.1%
- In the past year, HPV immunization among females ages 13-17 increased 22% from 65.1% to 79.4%
- In the past year, HPV immunization among males ages 13-17 increased 30% from 58.8% to 76.6%
- In the past three years, drug deaths increased 73% from 4.5 to 7.8 deaths per 100,000 females ages 15-44
- In the past three years, teen births decreased 26% from 28.4 to 21.0 births per 1,000 females ages 15-19
- In the past three years, obesity among women ages 18-44 increased 28% from 18.4% to 23.5%



WOMEN	2019 Value	No. 1 State
<b>Behaviors</b>		
Chlamydia (cases per 100,000 ages 15–44)	2,116.5	906.1
Excessive Drinking (% ages 18–44)	32.7	12.2
Obesity (% ages 18–44)	23.5	18.5
Physical Inactivity (% ages 18–44)	21.0	12.4
Smoking (% ages 18–44)	10.5	7.4
<b>Community &amp; Environment</b>		
Concentrated Disadvantage (% of households)	41.7	2.5
Food Insecurity (% of households)	11.2	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	NA	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	NA	0.8
<b>Policy</b>		
Postpartum Visit (% with a recent live birth)	NA	95.1
Publicly-Funded Women's Health Services (% of need met)	84	63
Uninsured (% ages 19–44)	3.5	3.3
<b>Clinical Care</b>		
Cervical Cancer Screening (% ages 21–44)	85.2	85.8
Dedicated Health Care Provider (% ages 18–44)	70.1	87.5
Dental Visit (% ages 18–44)	80.2	78.9
Flu Vaccination (% ages 18–44)	35.0	48.7
Well-Woman Visit (% ages 18–44)	77.4	78.5
<b>Outcomes</b>		
Diabetes (% ages 18–44)	2.5	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	7.8	5.3
Maternal Mortality (deaths per 100,000 live births)	35.6	12.4
Postpartum Depression (% with a recent live birth)	NA	7.4
Unintended Pregnancy (% with a recent live birth)	NA	19.8

INFANTS	2019 Value	No. 1 State
<b>Behaviors</b>		
Breastfed (% of infants)	29.1	42.1
Drinking Before Pregnancy (% with a recent live birth)	NA	25.8
Sleep Position (% with a recent live birth)	NA	97.5
Tobacco Use During Pregnancy (% of live births)	2.7	1.4
<b>Community &amp; Environment</b>		
Household Smoke (% ages 0–17)	14.3	7.1
Infant Child Care Cost (% of married couple's median income)	14.6	7.3
<b>Policy</b>		
Baby-Friendly Facility (% of live births)	49.0	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	82	96
<b>Clinical Care</b>		
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	28.7	17.7
Prenatal Care Before Third Trimester (% of live births)	90.9	98.3
Well-Baby Check (% ages 0–2)	89.0	90.7
<b>Outcomes</b>		
Infant Mortality (deaths per 1,000 live births)	8.0	3.9
Low Birthweight (% of live births)	10.5	6.2
Neonatal Mortality (deaths per 1,000 live births)	5.5	2.6
Preterm Birth (% of live births)	10.6	7.5

CHILDREN	2019 Value	No. 1 State
<b>Behaviors</b>		
High School Graduation (% of students)	73.2	91.0
Overweight or Obesity (% ages 10–17)	34.7	21.9
Substance Use Disorder (% ages 12–17)	5.1	3.2
Tobacco Use (% ages 12–17)	3.7	3.4
<b>Community &amp; Environment</b>		
Adverse Childhood Experiences (% ages 0–17)	21.3	14.8
Neighborhood Amenities (% ages 0–17)	74.7	59.2
Protective Family Routines and Habits (% ages 0–17)	18.5	21.9
Supportive Neighborhoods (% ages 0–17)	50.9	71.0
<b>Policy</b>		
Adequate Health Insurance (% of insured ages 0–17)	82.0	82.9
Children With Health Insurance (% ages 0–17)	95.2	98.4
Homeless Family Households (number per 10,000)	77.4	1.4
Water Fluoridation (% served)	100.0	99.9
<b>Clinical Care</b>		
Adolescent Well-Visit (% ages 12–17)	82.6	90.9
Developmental Screening (% ages 9 months–5 years)	31.6	60.0
Immunizations—Adolescents (mean z score)	NA	1.518
HPV Female (% ages 13–17)	79.4	76.8
HPV Male (% ages 13–17)	76.6	78.4
Meningococcal (% ages 13–17)	91.3	95.3
Tdap (% ages 13–17)	86.1	96.2
Immunizations—Children (% ages 19–35 months)	74.0	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	39.2	57.0
<b>Outcomes</b>		
Child Mortality (deaths per 100,000 ages 1–19)	27.6	16.3
Missed School Days (% ages 6–17)	2.5	1.8
Teen Births (births per 1,000 ages 15–19)	21.0	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	NA	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50

# United States

UNITED STATES



**State Health Department Website:**  
hhs.gov

## Highlights:

- In the past three years, smoking among women ages 18-44 decreased 12% from 17.4% to 15.3%
- In the past three years, tobacco use during pregnancy decreased 18% from 8.4% to 6.9% of live births
- In the past three years, tobacco use among youth ages 12-17 decreased 31% from 7.4% to 5.1%
- In the past three years, excessive drinking among women ages 18-44 increased 11% from 17.7% to 19.6%
- In the past year, HPV immunization among males ages 13-17 increased 18% from 37.5% to 44.3%
- In the past three years, flu vaccination among women ages 18-44 increased 5% from 32.8% to 34.4%
- In the past three years, teen births decreased 22% from 24.2 to 18.8 births per 1,000 females ages 15-19
- In the past three years, low birthweight increased 4% from 8.0% to 8.3% of live births
- In the past three years, teen suicide increased 25% from 8.4 to 10.5 deaths per 100,000 adolescents ages 15-19
- In the past three years, drug deaths increased 36% from 12.0 to 16.3 deaths per 100,000 females ages 15-44

WOMEN	2019 Value	No. 1 State
<b>Behaviors</b>		
Chlamydia (cases per 100,000 ages 15–44)	1,639.8	906.1
Excessive Drinking (% ages 18–44)	19.6	12.2
Obesity (% ages 18–44)	27.4	18.5
Physical Inactivity (% ages 18–44)	22.4	12.4
Smoking (% ages 18–44)	15.3	7.4
<b>Community &amp; Environment</b>		
Concentrated Disadvantage (% of households)	24.0	2.5
Food Insecurity (% of households)	12.3	7.4
Intimate Partner Violence—Lifetime (% ages 18+)	37.3	27.8
Intimate Partner Violence—Pregnancy (% with a recent live birth)	2.2	0.8
<b>Policy</b>		
Postpartum Visit (% with a recent live birth)	90.3	95.1
Publicly-Funded Women's Health Services (% of need met)	26	63
Uninsured (% ages 19–44)	12.4	3.3
<b>Clinical Care</b>		
Cervical Cancer Screening (% ages 21–44)	80.0	85.8
Dedicated Health Care Provider (% ages 18–44)	73.0	87.5
Dental Visit (% ages 18–44)	67.4	78.9
Flu Vaccination (% ages 18–44)	34.4	48.7
Well-Woman Visit (% ages 18–44)	66.5	78.5
<b>Outcomes</b>		
Diabetes (% ages 18–44)	3.0	1.7
Drug Deaths (deaths per 100,000 ages 15–44)	16.3	5.3
Maternal Mortality (deaths per 100,000 live births)	29.6	12.4
Postpartum Depression (% with a recent live birth)	12.5	7.4
Unintended Pregnancy (% with a recent live birth)	30.3	19.8

INFANTS	2019 Value	No. 1 State
<b>Behaviors</b>		
Breastfed (% of infants)	24.9	42.1
Drinking Before Pregnancy (% with a recent live birth)	56.7	25.8
Sleep Position (% with a recent live birth)	79.5	97.5
Tobacco Use During Pregnancy (% of live births)	6.9	1.4
<b>Community &amp; Environment</b>		
Household Smoke (% ages 0–17)	15.5	7.1
Infant Child Care Cost (% of married couple's median income)	12.3	7.3
<b>Policy</b>		
Baby-Friendly Facility (% of live births)	26.1	88.1
mPINC (Maternity Practices in Infant and Nutrition Care survey score)	79	96
<b>Clinical Care</b>		
Low-Risk Cesarean Delivery (% of singleton, term, vertex, first births)	26.0	17.7
Prenatal Care Before Third Trimester (% of live births)	93.7	98.3
Well-Baby Check (% ages 0–2)	82.2	90.7
<b>Outcomes</b>		
Infant Mortality (deaths per 1,000 live births)	5.9	3.9
Low Birthweight (% of live births)	8.3	6.2
Neonatal Mortality (deaths per 1,000 live births)	3.9	2.6
Preterm Birth (% of live births)	9.9	7.5

CHILDREN	2019 Value	No. 1 State
<b>Behaviors</b>		
High School Graduation (% of students)	84.6	91.0
Overweight or Obesity (% ages 10–17)	31.0	21.9
Substance Use Disorder (% ages 12–17)	4.1	3.2
Tobacco Use (% ages 12–17)	5.1	3.4
<b>Community &amp; Environment</b>		
Adverse Childhood Experiences (% ages 0–17)	20.5	14.8
Neighborhood Amenities (% ages 0–17)	39.2	59.2
Protective Family Routines and Habits (% ages 0–17)	12.2	21.9
Supportive Neighborhoods (% ages 0–17)	55.4	71.0
<b>Policy</b>		
Adequate Health Insurance (% of insured ages 0–17)	74.4	82.9
Children With Health Insurance (% ages 0–17)	93.9	98.4
Homeless Family Households (number per 10,000)	7.1	1.4
Water Fluoridation (% served)	74.4	99.9
<b>Clinical Care</b>		
Adolescent Well-Visit (% ages 12–17)	78.7	90.9
Developmental Screening (% ages 9 months–5 years)	31.1	60.0
Immunizations—Adolescents (mean z score)	0.000	1.518
HPV Female (% ages 13–17)	53.1	76.8
HPV Male (% ages 13–17)	44.3	78.4
Meningococcal (% ages 13–17)	85.1	95.3
Tdap (% ages 13–17)	88.7	96.2
Immunizations—Children (% ages 19–35 months)	70.4	82.1
Medical Home for Child With Special Health Care Needs (% ages 0–17)	43.2	57.0
<b>Outcomes</b>		
Child Mortality (deaths per 100,000 ages 1–19)	25.7	16.3
Missed School Days (% ages 6–17)	3.7	1.8
Teen Births (births per 1,000 ages 15–19)	18.8	8.1
Teen Suicide (deaths per 100,000 ages 15–19)	10.5	4.9

\* Measure not included in ranking calculation due to missing data in several states

NA = Data unavailable

To explore supplemental measures, visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org)

RATING	Symbol	Rank
+++++	+++++	1–10
++++	++++	11–20
+++	+++	21–30
++	++	31–40
+	+	41–50



# Appendix

# Appendix

Table 7  
**Data Sources and Measures of Women's Health**

Behaviors	Measure	Description	Source	Data Year(s)
	Chlamydia	Number of new cases of chlamydia per 100,000 females ages 15-44	National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention Atlas	2016
	Excessive Drinking	Percentage of women ages 18-44 who reported either binge drinking (having four or more drinks on one occasion in the past 30 days) or chronic drinking (having eight or more drinks per week)	Behavioral Risk Factor Surveillance System	2016-2017
	Obesity	Percentage of women ages 18-44 with a body mass index of 30.0 or higher based on reported height and weight	Behavioral Risk Factor Surveillance System	2016-2017
	Physical Inactivity	Percentage of women ages 18-44 who reported doing no physical activity or exercise other than their regular job in the past 30 days	Behavioral Risk Factor Surveillance System	2016-2017
Community & Environment	Smoking	Percentage of women ages 18-44 who are smokers (reported smoking at least 100 cigarettes in their lifetime and currently smoke daily or some days)	Behavioral Risk Factor Surveillance System	2016-2017
	Concentrated Disadvantage	Percentage of households located in census tracts with a high level of concentrated disadvantage, calculated using five census variables: percentage below poverty line, receiving public assistance, female-headed households, unemployed, younger than 18	American Community Survey	2013-2017
	Food Insecurity — Household	Percentage of households unable to provide adequate food for one or more household members due to lack of resources	U.S. Department of Agriculture, <i>Household Food Security in the United States in 2017</i>	2015-2017
	Intimate Partner Violence — Lifetime*	Percentage of women 18 and older who experienced contact sexual violence, physical violence and/or stalking by an intimate partner	National Intimate Partner and Sexual Violence Survey	2010-2012
Policy	Intimate Partner Violence — Pregnancy	Percentage of women with a recent live birth who experienced violence by husband or partner (current or former) during most recent pregnancy	Pregnancy Risk Assessment Monitoring System or equivalent	2017
	Postpartum Visit	Percentage of women with a recent live birth who reported receiving a postpartum checkup	Pregnancy Risk Assessment Monitoring System or equivalent	2017
	Publicly-Funded Women's Health Services*	Percentage of need met by publicly-funded providers for contraceptive services by women with a family income 250 percent below the federal poverty level and women younger than 20	Guttmacher Institute, <i>Contraceptive Needs and Services 2014 Update</i>	2014
	Uninsured	Percentage of women ages 19-44 not covered by private or public health insurance	American Community Survey	2017

\* Data appearing in this edition are the same that appeared in the 2018 edition.

## Clinical Care

Measure	Description	Source	Data Year(s)
Cervical Cancer Screening*	Percentage of women ages 21-44 who received a Pap smear within the past three years	Behavioral Risk Factor Surveillance System	2016
Dedicated Health Care Provider	Percentage of women ages 18-44 who reported having one or more people they think of as their personal doctor or health care provider	Behavioral Risk Factor Surveillance System	2016-2017
Dental Visit*	Percentage of women ages 18-44 who reported visiting the dentist or dental clinic within the past year	Behavioral Risk Factor Surveillance System	2016
Flu Vaccination	Percentage of women ages 18-44 who received the flu vaccine in the last year	Behavioral Risk Factor Surveillance System	2016-2017
Well-Woman Visit	Percentage of women ages 18-44 with a preventive medical visit in the past year	Behavioral Risk Factor Surveillance System	2016-2017

## Outcomes

Diabetes	Percentage of women ages 18-44 who reported being told by a health professional that they have diabetes (excluding prediabetes and gestational diabetes)	Behavioral Risk Factor Surveillance System	2016-2017
Drug Deaths	Age-adjusted number of deaths due to drug injury (unintentional, suicide, homicide or undetermined) per 100,000 females ages 15-44	CDC WONDER Mortality data	2015-2017
Maternal Mortality**	Number of deaths from any cause related to or aggravated by pregnancy or its management (excluding accidental or incidental causes) during pregnancy and childbirth or within one year of termination of pregnancy, irrespective of the duration and site of the pregnancy, per 100,000 live births	CDC WONDER Mortality data	2013-2017
Postpartum Depression	Percentage of women with a recent live birth who reported experiencing depressive symptoms	Pregnancy Risk Assessment Monitoring System or equivalent	2017
Unintended Pregnancy	Percentage of women with a recent live birth who did not want to become pregnant or wanted to become pregnant later	Pregnancy Risk Assessment Monitoring System or equivalent	2017

\* Data appearing in this edition are the same that appeared in the 2018 edition.

\*\* Calculated measure using CDC WONDER Natality data as the denominator.

# Appendix

Table 8  
**Data Sources and Measures of Infants' Health**

Behaviors	Measure	Description	Source	Data Year(s)
	Breastfed	Percentage of infants exclusively breastfed for six months	<i>2018 Breastfeeding Report Card</i>	2015
	Drinking Before Pregnancy	Percentage of women with a recent live birth who consumed alcohol during the three months before pregnancy	Pregnancy Risk Assessment Monitoring System or equivalent	2017
	Sleep Position	Percentage of women with a recent live birth who reported their infants are usually placed on their backs to sleep	Pregnancy Risk Assessment Monitoring System or equivalent	2017
	Tobacco Use During Pregnancy	Percentage of mothers who used tobacco during pregnancy	CDC WONDER Natality data	2017
Community & Environment	Household Smoke	Percentage of children ages 0-17 who live in households where someone uses cigarettes, cigars or pipe tobacco	National Survey of Children's Health	2016-2017
	Infant Child Care Cost	Average cost for center-based infant care as a percentage of married couple's median income	<i>Child Care Aware, The U.S. and the High Cost of Child Care: 2018</i>	2017
Policy	Baby-Friendly Facility	Percentage of live births occurring at facilities that adhere to 10 Steps to Successful Breastfeeding and are designated baby-friendly by Baby-Friendly USA	<i>2018 Breastfeeding Report Card</i>	2018
	mPINC*	Maternity Practices in Infant and Nutrition Care survey score based on seven birth facility policies and practices, with higher scores denoting better maternity care policies and practices	<i>2016 Breastfeeding Report Card</i>	2016

\* Data appearing in this edition are the same that appeared in the 2018 edition.



**Clinical Care**

Measure	Description	Source	Data Year(s)
Low-Risk Cesarean Delivery	Percentage of singleton, head first, term (37 or more completed weeks) first births that were cesarean deliveries	CDC WONDER Natality data	2017
Prenatal Care Before Third Trimester	Percentage of live births in which the mother began prenatal care between the first and sixth month of pregnancy	CDC WONDER Natality data	2017
Well-Baby Check	Percentage of babies ages 0-2 who had a well-baby checkup in the past 12 months	National Survey of Children's Health	2016-2017

**Outcomes**

Infant Mortality	Number of infant deaths (before age 1) per 1,000 live births	CDC WONDER Linked Birth/Infant Death data	2015-2016
Low Birthweight	Percentage of infants weighing less than 2,500 grams (5 pounds, 8 ounces) at birth	CDC WONDER Natality data	2017
Neonatal Mortality	Number of deaths during first 28 days of life (0-27 days) per 1,000 live births	CDC WONDER Mortality data	2016-2017
Preterm Birth	Percentage of live births before 37 weeks gestation	CDC WONDER Natality data	2017

# Appendix

Table 9  
**Data Sources and Measures of Children's Health**

Behaviors	Measure	Description	Source	Data Year(s)
	High School Graduation	Percentage of high school students who graduate with a regular high school diploma within four years of starting ninth grade	National Center for Education Statistics	2016-2017
	Overweight or Obesity	Percentage of children ages 10-17 who are overweight or obese for their age based upon reported height and weight	National Survey of Children's Health	2016-2017
	Substance Use Disorder	Percentage of children ages 12-17 who were dependent on or abused illicit drugs or alcohol in the past year	National Survey on Drug Use and Health	2015-2016
	Tobacco Use	Percentage of children ages 12-17 who used a tobacco product in the past month	National Survey on Drug Use and Health	2015-2016
Community & Environment	Adverse Childhood Experiences	Percentage of children ages 0-17 who experienced two or more of the following: economic hardship; parental divorce or separation; living with someone who had an alcohol or drug problem; neighborhood violence victim or witness; living with someone who was mentally ill, suicidal or severely depressed; domestic violence witness; parent served jail time; being treated or judged unfairly due to race/ethnicity; or death of parent	National Survey of Children's Health	2016-2017
	Neighborhood Amenities	Percentage of children ages 0-17 with access to a park or playground; recreation center, community center or boys' and girls' club; library or bookmobile; and sidewalks or walking paths	National Survey of Children's Health	2016-2017
	Protective Family Routines and Habits*	Percentage of children ages 0-17 who meet age-specific criteria for protective family routines and habits	National Survey of Children's Health	2016
	Supportive Neighborhoods	Percentage of children ages 0-17 who live in neighborhoods where people help each other, watch out for each other's children and know where to go for help in the community	National Survey of Children's Health	2016-2017
Policy	Adequate Health Insurance	Percentage of insured children ages 0-17 whose health plan has either no or reasonable out-of-pocket costs; offers benefits or covered services that meet the children's needs; and allows them to see needed health care providers	National Survey of Children's Health	2016-2017
	Children With Health Insurance	Percentage of children ages 0-17 with health insurance of any type	National Survey of Children's Health	2016-2017
	Homeless Family Households**	Number of families sleeping outside, in an emergency shelter or in a transitional housing program per 10,000 family households	U.S. Department of Housing and Urban Development, 2018 <i>Annual Homeless Assessment Report</i>	January 2018
	Water Fluoridation*	Percentage of population served by community water systems that receive fluoridated water	Water Fluoridation Reporting System	2014

\* Data appearing in this edition are the same that appeared in the 2018 edition.

\*\* Calculated measure using 2017 American Community Survey population estimates as the denominator.

## Clinical Care

Measure	Description	Source	Data Year(s)
Adolescent Well-Visit	Percentage of children ages 12-17 who had a preventive checkup in the past 12 months	National Survey of Children's Health	2016-2017
Developmental Screening	Percentage of children 9 months-5 years with a visit in the past 12 months whose parent completed a standardized developmental screening tool	National Survey of Children's Health	2016-2017
Immunizations — Adolescents	Mean z score of the percentage of adolescents ages 13-17 who received the recommended doses of Tdap, meningococcal and HPV vaccines	<i>America's Health Rankings</i> composite measure	2019
• HPV Immunization Females	Percentage of females ages 13-17 who are up-to-date on all recommended doses of human papillomavirus (HPV) vaccine	National Immunization Survey — Teen	2017
• HPV Immunization Males	Percentage of males ages 13-17 who are up-to-date on all recommended doses of human papillomavirus (HPV) vaccine	National Immunization Survey — Teen	2017
• Meningococcal Immunizations	Percentage of adolescents ages 13-17 who received one or more doses of meningococcal conjugate (MenACWY) vaccine	National Immunization Survey — Teen	2017
• Tdap Immunizations	Percentage of adolescents ages 13-17 who received one or more doses of tetanus, diphtheria and acellular pertussis (Tdap) vaccine since age 10	National Immunization Survey — Teen	2017
Immunizations — Children	Percentage of children ages 19-35 months who received recommended doses of diphtheria, tetanus and acellular pertussis (DTaP); measles, mumps and rubella (MMR); polio; <i>Haemophilus influenzae</i> type b (Hib); hepatitis B; varicella; and pneumococcal conjugate vaccines	National Immunization Survey — Child	2017
Medical Home for Child With Special Health Care Needs	Percentage of children ages 0-17 with special health care needs who received coordinated, ongoing and comprehensive care within a medical home, including having a personal doctor or nurse, a dedicated source for sick care, family-centered care, and referrals and effective care coordination when needed	National Survey of Children's Health	2016-2017

## Outcomes

Child Mortality	Age-adjusted number of deaths per 100,000 children ages 1-19	CDC WONDER Mortality data	2015-2017
Missed School Days	Percentage of children ages 6-17 who missed 11 or more days of school in the past school year (excluding homeschooled children)	National Survey of Children's Health	2016-2017
Teen Births	Number of births per 1,000 females ages 15-19	CDC WONDER Natality data	2017
Teen Suicide	Number of deaths by suicide per 100,000 adolescents ages 15-19	CDC WONDER Mortality data	2015-2017

# Appendix

Table 10  
**Supplemental Measures**

Women	Measure	Description	Source	Data Year(s)
	Air Pollution*	Average exposure of the general public to particulate matter of 2.5 microns (PM2.5) or less in size	U.S. Environmental Protection Agency	2015-2017
	Frequent Mental Distress	Percentage of women ages 18-44 years who reported their mental health was not good 14 or more days in the past 30 days	Behavioral Risk Factor Surveillance System	2016-2017
	Severe Housing Problems	Percentage of occupied housing units with at least one of four problems: lack of complete kitchen facilities, lack of plumbing facilities, severely crowded, or severely cost-burdened occupants	U.S. Department of Housing and Urban Development, Comprehensive Housing Affordability Strategy	2011-2015
Infants	Flourishing (Ages 0-5)	Percentage of children ages 6 months-5 years who show affection, resilience, interest and curiosity in learning, and smile and laugh a lot	National Survey of Children's Health	2016-2017
Children	Asthma	Percentage of children ages 0-17 who currently have asthma	National Survey of Children's Health	2016-2017
	Children in Poverty	Percentage of children younger than 18 who live in households below the poverty threshold	American Community Survey	2017
	Detracting Neighborhood Elements	Percentage of children ages 0-17 who live in a neighborhood where there is litter or garbage on the street or sidewalk, poorly kept or rundown housing, and vandalism such as broken windows and graffiti	National Survey of Children's Health	2016-2017
	Flourishing (Ages 6-17)	Percentage of children ages 6-17 who show self-regulation, interest and curiosity in learning, and work to finish tasks	National Survey of Children's Health	2016-2017
	Housing With Lead Risk	Percentage of housing stock with potential elevated lead risk due to age of housing	American Community Survey	2017
	Mental Health Care	Percentage of children ages 3-17 with a mental or behavioral health condition who received treatment or counseling	National Survey of Children's Health	2016-2017
	Preventive Dental Care	Percentage of children ages 1-17 who had one or more preventive dental care visits during the past 12 months	National Survey of Children's Health	2016-2017
	Students Experiencing Homelessness	Percentage of public school students who lack a fixed, regular and adequate nighttime residence	National Center for Education Statistics, <i>Digest of Education Statistics 2017</i>	2015-2016

\* Calculated measure using the U.S. Census Bureau's Annual Estimates of the Resident Population: April 1, 2010 to July 1 2017 as the denominator.

# Data Source Descriptions

## **America's Health Rankings Composite Measure**

America's Health Rankings composite measures are calculated from existing measures to provide summary information for multiple measures. Data are analyzed, and a mean z score is calculated across respective measures.

## **American Community Survey**

The American Community Survey (ACS) is an ongoing survey conducted by the U.S. Census Bureau. ACS provides information about the nation's population demographics and housing.

## **Behavioral Risk Factor Surveillance System**

The Centers for Disease Control and Prevention's (CDC) Behavioral Risk Factor Surveillance System (BRFSS) is the nation's largest phone-based population survey. BRFSS provides information about U.S. residents' health-related risk behaviors, chronic health conditions and use of preventive services.

## **Breastfeeding Report Card**

CDC's *Breastfeeding Report Card* is a compilation of data on breastfeeding practices that provides information about our nation's progress on achieving Healthy People 2020 goals for breastfeeding. The report is created by CDC's Division of Nutrition, Physical Activity and Obesity.

## **CDC WONDER**

CDC WONDER (Wide-ranging Online Data for Epidemiologic Research) is a query system for the analysis of public-use health data.

Linked Birth/Infant Death Records provide death counts and rates as well as demographic information for children younger than 1 year in the United States. Information is obtained from linking death certificates to birth certificates.

Nativity files are derived from birth certificates and include counts and rates of births to U.S. residents occurring within the United States.

Multiple Cause of Death files contain counts, rates and causes of death, as well as demographic information for U.S. residents based on death certificates.

## **Child Care Aware, The U.S. and the High Cost of Child Care**

Child Care Aware® of America is a national membership-based nonprofit organization working to advance affordability, accessibility, development and learning of children in child care. The non-profit's annual report provides information about the cost and affordability of child care across the nation.

## **Guttmacher Institute, Contraceptive Needs and Services, 2014 Update**

The Guttmacher Institute is a leading research and policy organization committed to advancing sexual and reproductive health and rights in the United States and globally. The institute's *Contraceptive Needs and Services* report provides information regarding women's needs for publicly funded contraceptive services across the nation.

## **National Center for Education Statistics**

The National Center for Education Statistics is the primary federal entity for collecting and analyzing data related to education in the nation. The center's survey program — Common Core of Data — collects national, state and local data on public elementary and secondary schools and school districts.

The center also provides supplemental information on economic and population trends in addition to statistical information covering the broad field of American education in the publication *Digest of Education Statistics*.

## **National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention Atlas**

The National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention (NCHHSTP) is a large branch of the CDC. The Center's interactive atlas allows for creation of customized tables, maps and charts using more than 15 years of surveillance data on HIV/AIDS, viral hepatitis, sexually transmitted diseases, tuberculosis as well as social and economic data.

# Appendix

## **National Immunization Surveys**

CDC's National Immunization Surveys are a group of phone surveys that collect information about vaccination coverage among children 19–35 months and teens 13–17 years, and flu vaccinations for children 6 months–17 years.

## **National Intimate Partner and Sexual Violence Survey**

The National Intimate Partner and Sexual Violence Survey conducted by CDC collects the most current and comprehensive national- and state-level data on intimate partner violence, sexual violence and stalking victimization in the United States.

## **National Survey of Children's Health**

The ongoing National Survey of Children's Health (NSCH) is funded by the Health Resources and Services Administration's Maternal and Child Health Bureau. NSCH provides information about children's health and access to health care as well as children's family, neighborhood, school and social contexts. Data are analyzed for *America's Health Rankings* reports using an indicator data set available for request from the Data Resource Center for Child & Adolescent Health — a project of the Child and Adolescent Health Measurement Initiative.

## **National Survey on Drug Use and Health**

The ongoing National Survey on Drug Use and Health conducted by the Substance Abuse and Mental Health Services Administration provides estimates of substance use and mental illness at the national, state and sub-state levels.

## **Pregnancy Risk Assessment Monitoring System or Equivalent**

The Pregnancy Risk Assessment Monitoring System (PRAMS) is a surveillance project of the CDC and state health departments. Forty-seven states participate in PRAMS, covering about 83 percent of all U.S. births. Data are used to identify groups of women and infants at higher risk for health problems, monitor changes in health status and measure progress toward goals in improving

the health of mothers and infants. Data are also obtained directly from three states that administer a similar survey to women who have recently given birth. Data may be missing from states due to low response rates or other data collection issues.

## **U.S. Department of Agriculture, *Household Food Security in the United States Report***

The U.S. Department of Agriculture's (USDA) Economic Research Service analyzes data from U.S. Census Bureau's Current Population Survey (CPS) Food Security Supplements to create the *Household Food Security in the United States* annual report. The report provides national statistics on food security, household food spending and the use of federal food and nutrition assistance by food-insecure households.

## **U.S. Department of Housing and Urban Development**

The department's *Annual Homeless Assessment Report* (AHAR) provides point-in-time counts of people experiencing homelessness on one day in January.

The department's Office of Policy Development and Research manages data from the U.S. Census Bureau's ACS. These data, known as CHAS (Comprehensive Housing Affordability Strategy), demonstrate the extent of housing problems and needs, particularly for low-income households.

## **U.S. Environmental Protection Agency**

The U.S. Environmental Protection Agency performs a variety of federal research, monitoring, standard-setting and enforcement activities to ensure environmental protection. The agency regularly produces a wealth of public and environmental health data.

## **Water Fluoridation Reporting System**

CDC's Division of Oral Health monitors community water systems receiving optimally fluoridated drinking through its Water Fluoridation Reporting System. The division regularly provides national- and state-level water fluoridation statistics.

# Methodology

## Rankings Calculation

For each measure, the most recent state-level data as of July 15, 2019, are presented as the value. The ranking of each measure is the ordering of states according to value. Ties in values are assigned equal ranks.

The state value is then normalized and presented as a score. The z score for each measure is based on the following formula:

$$\text{Score} = \frac{\text{state value} - \text{national value}}{\text{standard deviation of all state values}}$$

The z score indicates the number of standard deviations a state value is above or below the U.S. value. A zero indicates a state has the same value as the nation. States with higher values than the U.S. value have a positive score, while states that perform below the U.S. value have a negative score. To prevent an extreme score from exerting

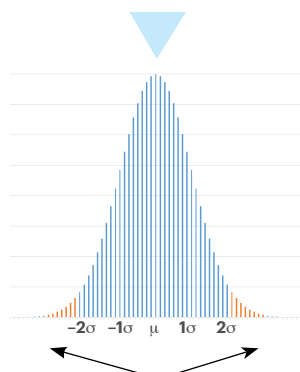
excessive influence, the maximum score for a measure is capped at +/- 2.00. If a U.S. value is not available from the original data source for a measure, the mean of all state values is used.

The overall ranking is the ordering of each state according to its overall score. A state's overall score is calculated by adding the products of the z score for each measure multiplied by its assigned weight. If a value is not available for a state for the current edition, the value for the measure from a prior edition is used. If a value is missing for a measure from the prior edition, no score is assigned to the measure and weights for the remaining measures in the model category are increased by the weight of the missing measure. Measure weights can be found at [AmericasHealthRankings.org/about](https://AmericasHealthRankings.org/about). It's important to note that the rankings are a relative measure of health. Not all changes in rank translate into actual declines or improvements in health.

For a more detailed methodology, please see [AmericasHealthRankings.org/about/methodology](https://AmericasHealthRankings.org/about/methodology)

Behaviors  
Community & Environment  
Public & Health Policies  
Clinical Care  
Health Outcomes

1. Gather data.
2. Normalize state values for each measure using U.S. value (calculate z score).



3. Eliminate outliers.
4. Multiply by weights.
5. Sum weighted scores.
6. Rank states by sum of all measure scores.

$\Sigma$

## Data Considerations

Data presented in this report are aggregated at the state level and cannot be used to make inferences at the individual level. Values and ranks from prior years are updated on our website to reflect known errors or updates from the reporting source. The error bars on subpopulation graphs represent 95 percent confidence intervals.

## Model Development

In 2016, an advisory group of maternal and child health experts developed the *America's Health Rankings Health of Women and Children Report* model. The advisory group identified areas of health and well-being most pertinent to women, infants and children and established state-level indicators of population health using a three-tiered scorecard. The scorecard produces an overall state rank and a state rank for each of the three population groups.

Each year, the advisory group reviews the model to improve existing measures, integrate new data sources that enhance the model and adjust to changes in data availability.

Five primary considerations drive the selection of measures used to produce the state rankings in the *Health of Women and Children Report*. The measures:

1. Represent a broad range of health issues that affect the health of women and children.
2. Use common measurement criteria across the 50 states.
3. Are available at the state level.
4. Must be current and updated periodically.
5. Are amenable to change.

The advisory group is always monitoring for new survey and surveillance data sources for use in future publications. In particular, the advisory group is attentive to state-level data for neonatal abstinence syndrome, domestic violence and e-cigarette use among women and children.

### 2019 Model Notes and Revisions

#### State Ranking Measures

Fifty-five measures are used to rank states. Seven of the measures (listed below) were not updated due to lack of data availability; the values and ranks of these seven measures are the same this year as in the 2018 edition.

Cervical cancer screening  
Dental visit  
Intimate partner violence — Lifetime mPINC  
Publicly-funded women's health services  
Protective family routines and habits  
Water fluoridation

The following measures were revised this year. See Tables 7, 8 and 9 for current definitions and source details of Women's Health (Page 156), Infants' Health (Page 158) and Children's Health (Page 160) measures.

#### Women

**Uninsured**, previously defined as women ages 18-44, is now defined as women ages 19-44 due to a change by the source.

**Maternal mortality**, previously defined as deaths in the 42 days after delivery, is now defined as deaths in the year following delivery.

**Unintended pregnancy** replaces intended pregnancy. Data are missing for several states, so this measure is not included in the state rankings calculation.



## Infants

**Drinking before pregnancy** replaces alcohol consumption during pregnancy. Data are missing from several states, so this measure is not included in the state rankings calculation.

## Children

**Child mortality**, previously defined as children ages 1-18, is now defined as children ages 1-19.

**Homeless family households** is not comparable to prior editions due to a methodology change by the data source.

## National Survey of Children's Health

measures were adjusted from one-year to two-year estimates to improve state-level sample size.

## Supplemental Measures

Twelve supplemental measures were added to the report this year. These measures are not included in the state rankings calculation. They are intended to highlight current and emerging issues affecting women and children.

- Air pollution
- Asthma — Children
- Children in poverty
- Detracting neighborhood elements
- Flourishing — Ages (0-5)
- Flourishing — Ages (6-17)
- Frequent mental distress — Women
- Housing with lead risk
- Mental health care — Children
- Preventive dental care — Children
- Severe housing problems
- Students experiencing homelessness

See Table 10 for current definitions of Supplemental Measures (Page 162). To explore the measures visit [www.AmericasHealthRankings.org](http://www.AmericasHealthRankings.org).

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    Comprehensive Housing Affordability Strategy

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