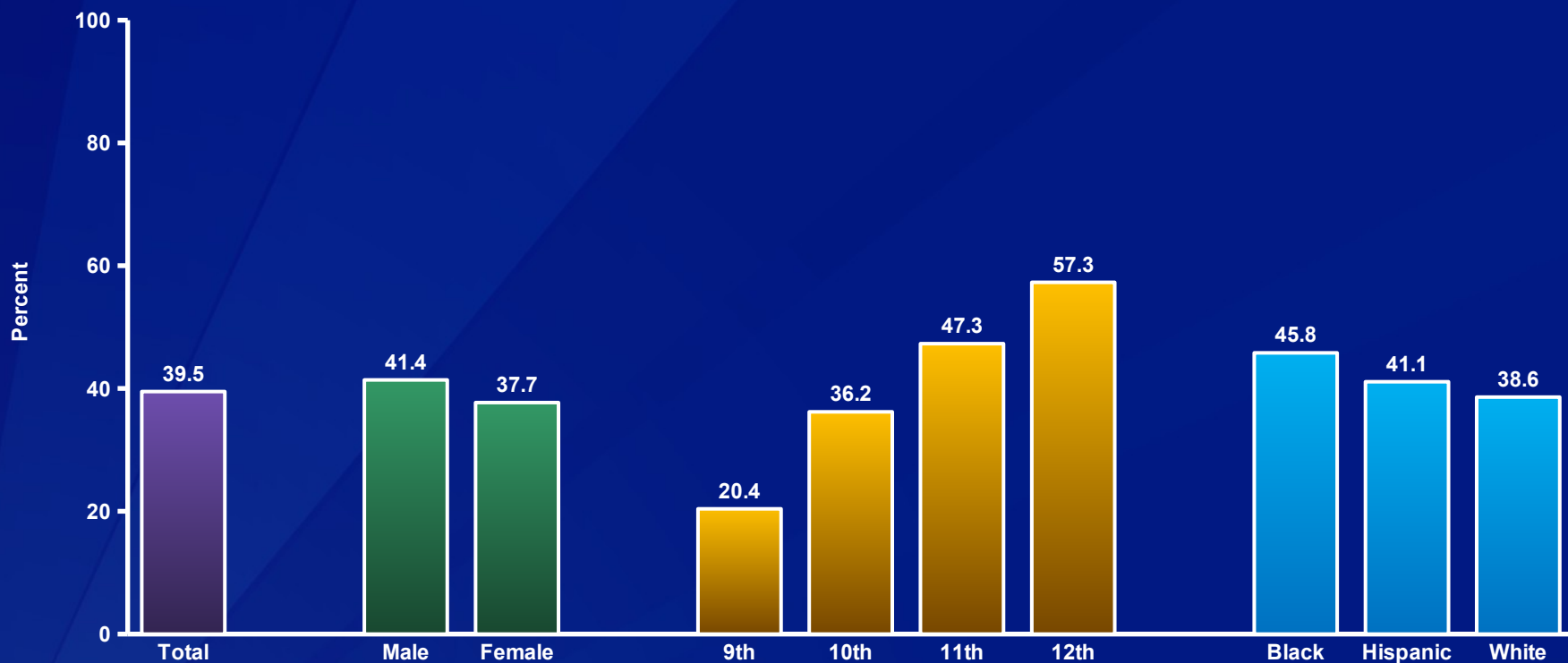# Sexual Behaviors that Contribute to Unintended Pregnancy and Sexually Transmitted Infections, Including HIV Infection

Percentage of High School Students Who Ever Had Sexual Intercourse, by Sex,* Grade,* and Race/Ethnicity,* 2017

Percent

Total	39.5
Male	41.4
Female	37.7
9th	20.4
10th	36.2
11th	47.3
12th	57.3
Black	45.8
Hispanic	41.1
White	38.6

*M > F; 10th > 9th, 11th > 9th, 11th > 10th, 12th > 9th, 12th > 10th, 12th > 11th; B > W (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
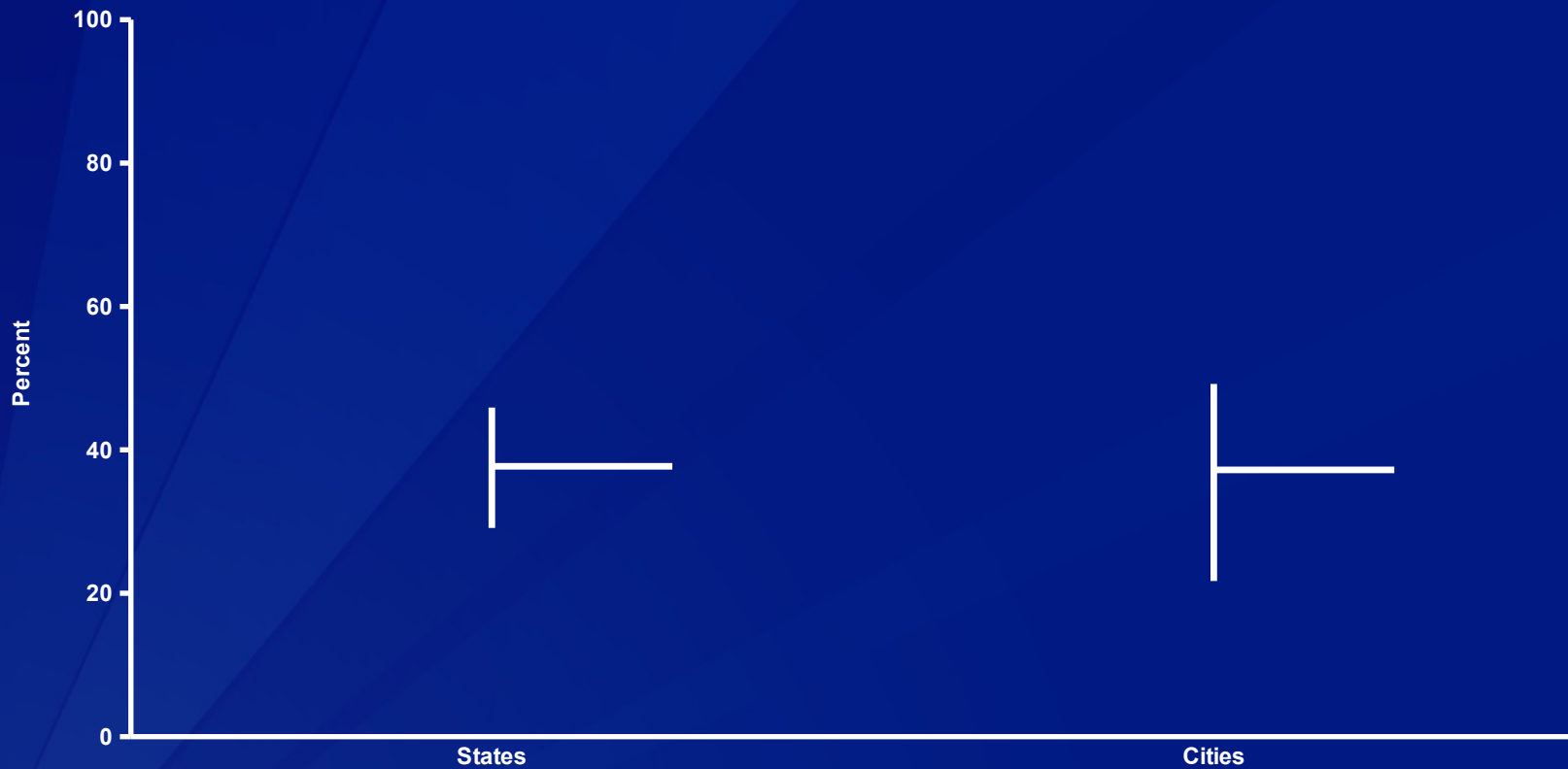Note: This graph contains weighted results.

Percentage of High School Students Who Ever Had Sexual Intercourse, 1991-2017[*]

Percentage of High School Students Who Ever Had Sexual Intercourse by year:
- 1991: 54.1
- 1993: 53.0
- 1995: 53.1
- 1997: 48.4
- 1999: 49.9
- 2001: 45.6
- 2003: 46.7
- 2005: 46.8
- 2007: 47.8
- 2009: 46.0
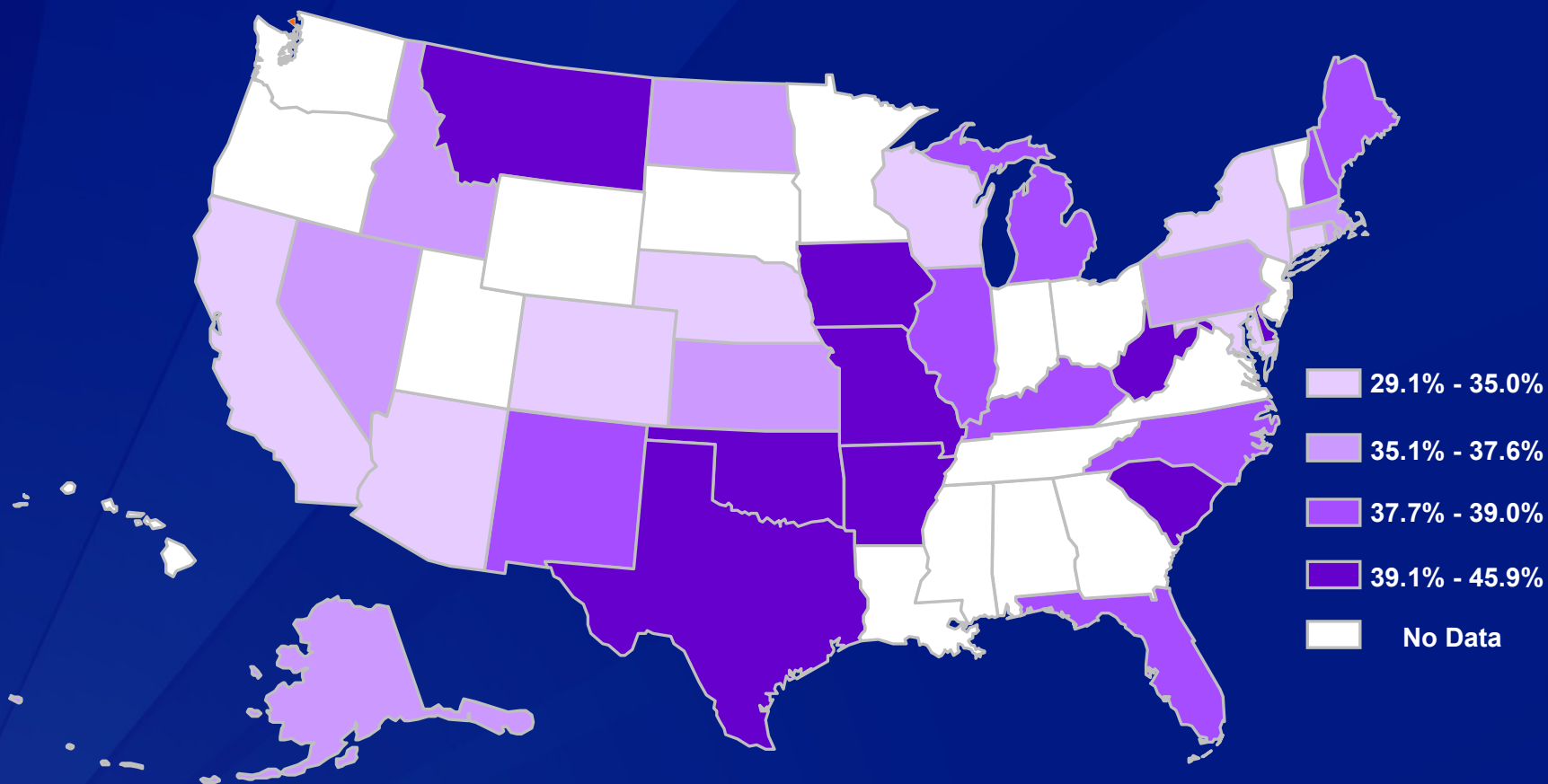- 2011: 47.4
- 2013: 46.8
- 2015: 41.2
- 2017: 39.5

[*]Decreased 1991-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
Note: This graph contains weighted results.

National Youth Risk Behavior Surveys, 1991-2017

Range and Median Percentage of High School Students Who Ever Had Sexual Intercourse, Across 33 States and 20 Cities, 2017

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Ever Had Sexual Intercourse

Legend:
- 29.1% - 35.0%
- 35.1% - 37.6%
- 37.7% - 39.0%
- 39.1% - 45.9%
- No Data

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Had Sexual Intercourse for the First Time Before Age 13 Years, by Sex,* Grade,* and Race/Ethnicity,* 2017

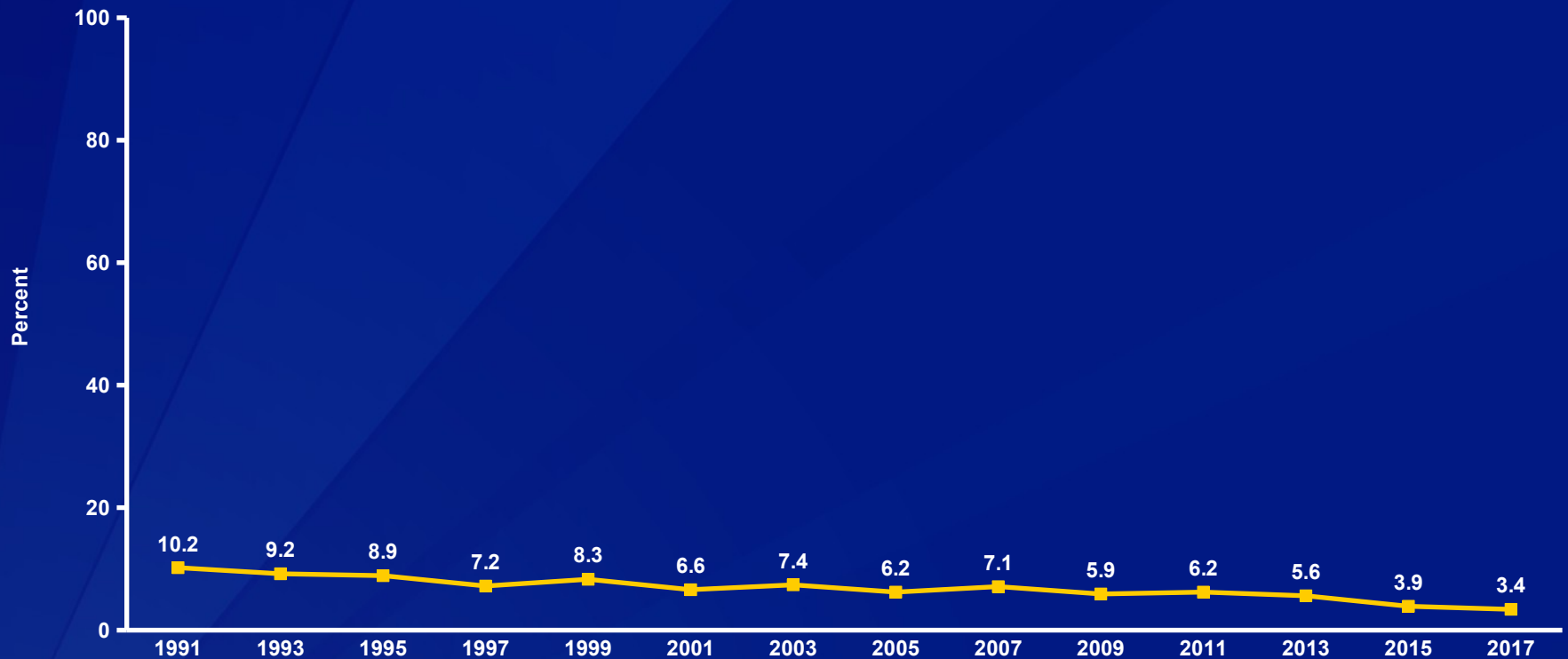*M > F; 9th > 11th, 10th > 11th, 12th > 11th; B > H, B > W, H > W (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
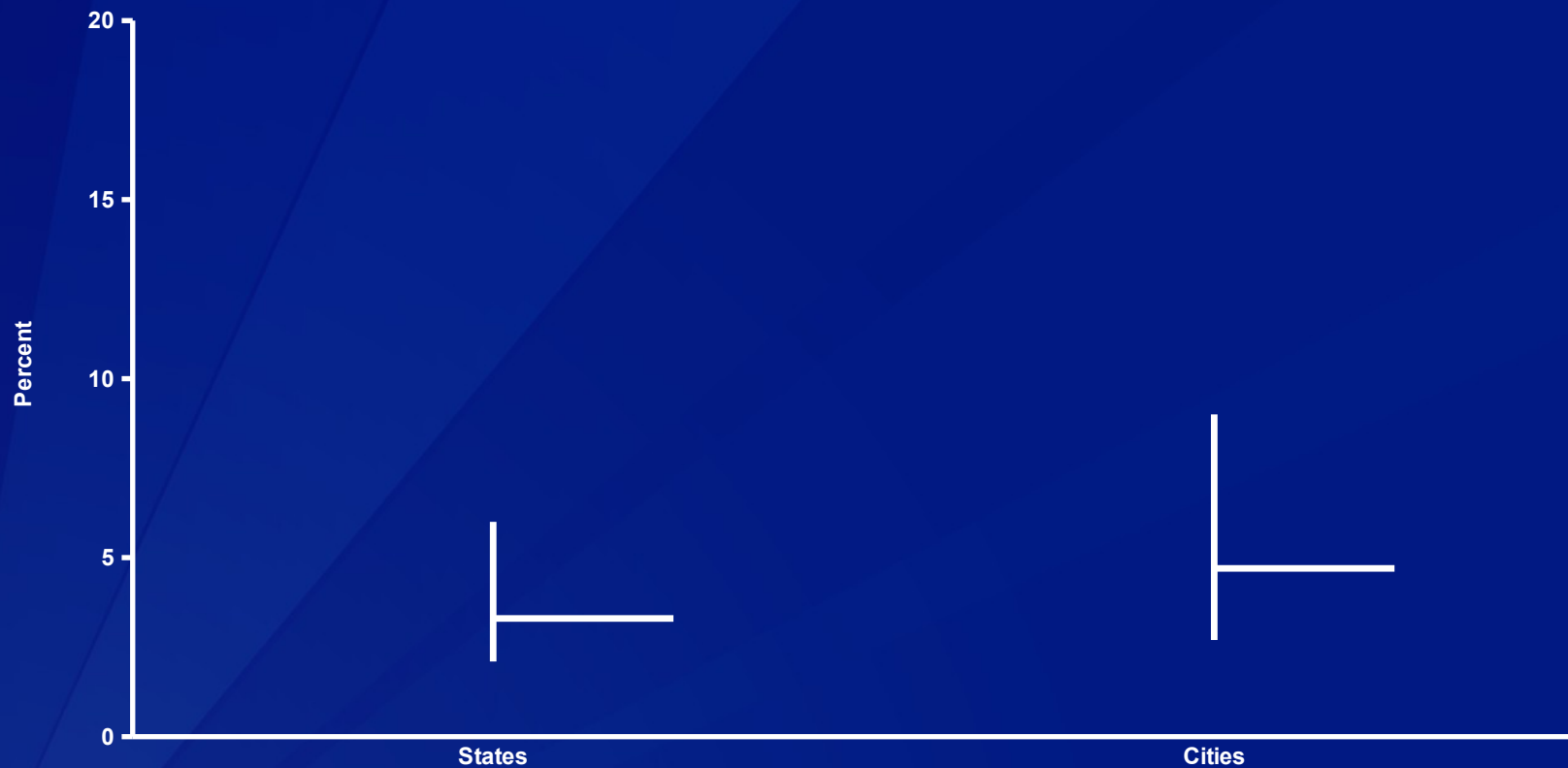Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

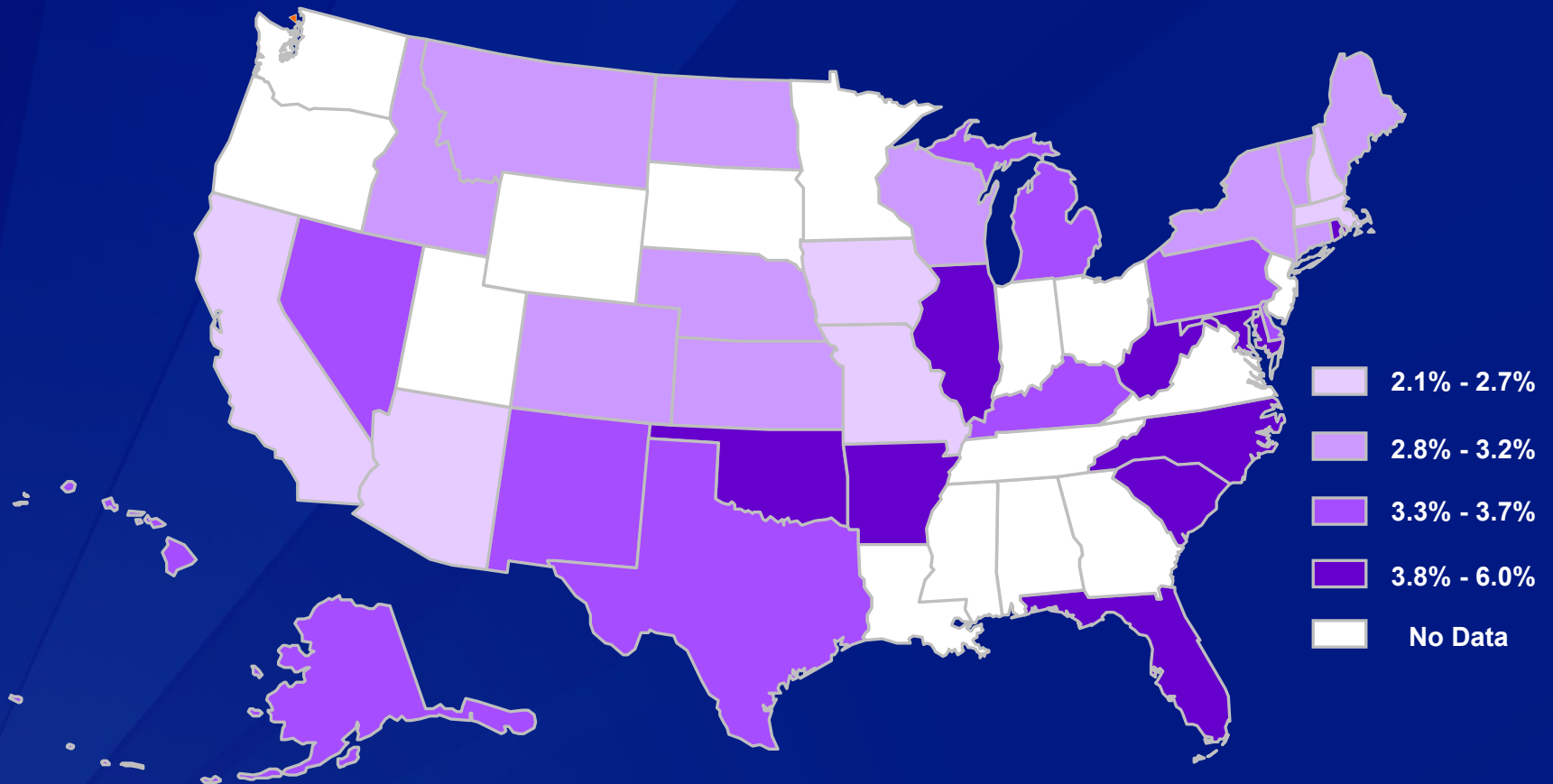# Percentage of High School Students Who Had Sexual Intercourse for the First Time Before Age 13 Years, 1991-2017[*]

*National Youth Risk Behavior Surveys, 1991-2017*

Range and Median Percentage of High School Students Who Had Sexual Intercourse for the First Time Before Age 13 Years, Across 35 States and 20 Cities, 2017

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Had Sexual Intercourse for the First Time Before Age 13 Years

Legend:
- 2.1% - 2.7%
- 2.8% - 3.2%
- 3.3% - 3.7%
- 3.8% - 6.0%
- No Data

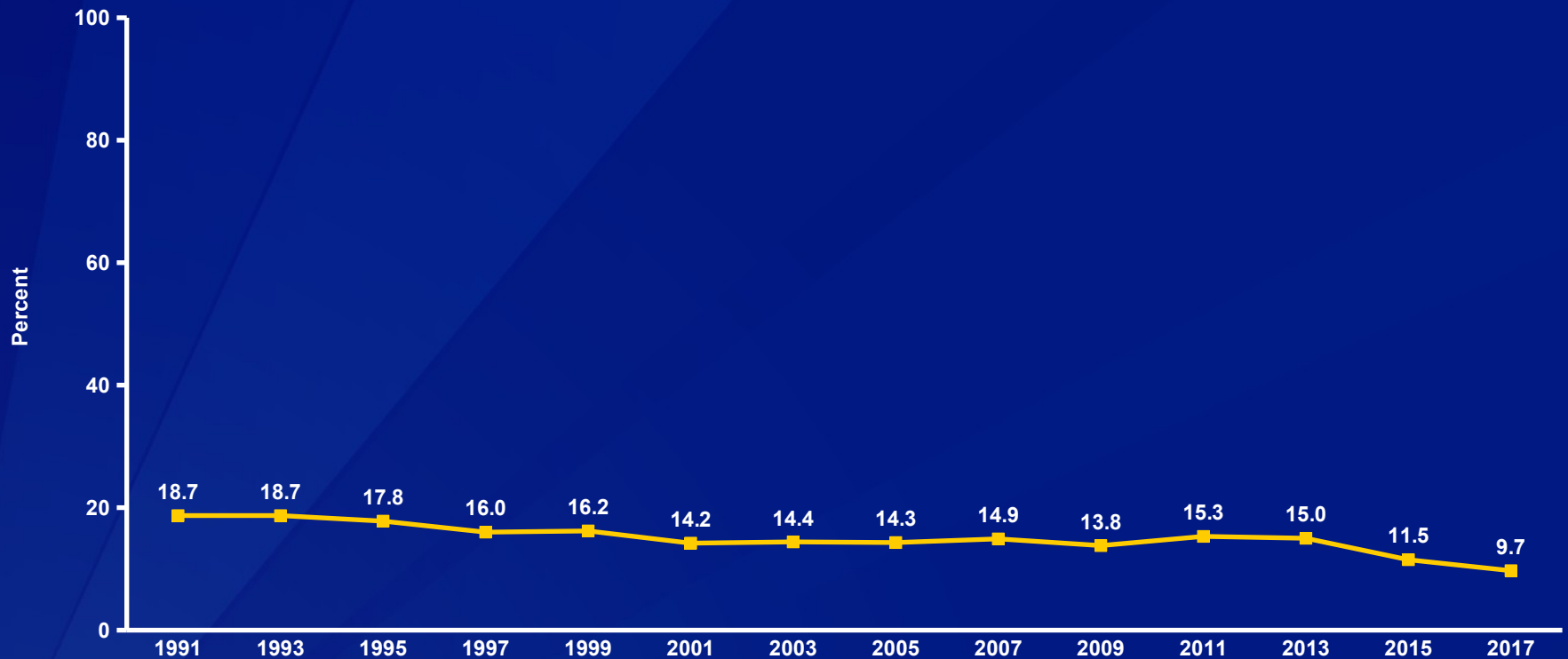*State Youth Risk Behavior Surveys, 2017*

Percentage of High School Students Who Had Sexual Intercourse with Four or More Persons During Their Life, by Sex,* Grade,* and Race/Ethnicity,* 2017
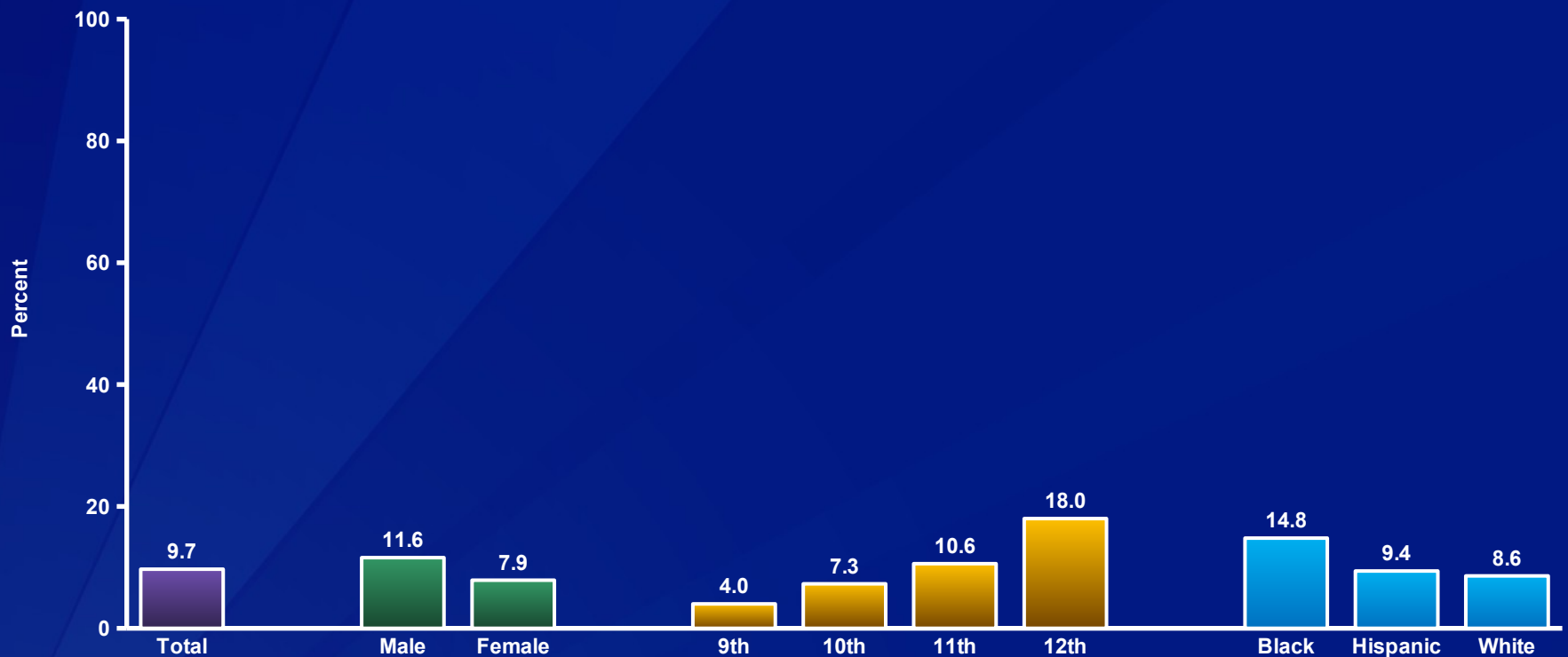
*M > F; 10th > 9th, 11th > 9th, 11th > 10th, 12th > 9th, 12th > 10th, 12th > 11th; B > H, B > W (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

Percentage of High School Students Who Had Sexual Intercourse with Four or More Persons During Their Life, 1991-2017*

Percent — Y-axis (0 to 100)

| Year	Percent
1991	18.7
1993	18.7
1995	17.8
1997	16.0
1999	16.2
2001	14.2
2003	14.4
2005	14.3
2007	14.9
2009	13.8
2011	15.3
2013	15.0
2015	11.5
2017	9.7

*Decreased 1991-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
Note: This graph contains weighted results.

*National Youth Risk Behavior Surveys, 1991-2017*

Range and Median Percentage of High School Students Who Had Sexual Intercourse with Four or More Persons During Their Life, Across 32 States and 19 Cities, 2017

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Had Sexual Intercourse with Four or More Persons During Their Life

Legend:
- 5.4% - 7.2%
- 7.3% - 8.8%
- 8.9% - 9.8%
- 9.9% - 12.7%
- No Data

State Youth Risk Behavior Surveys, 2017
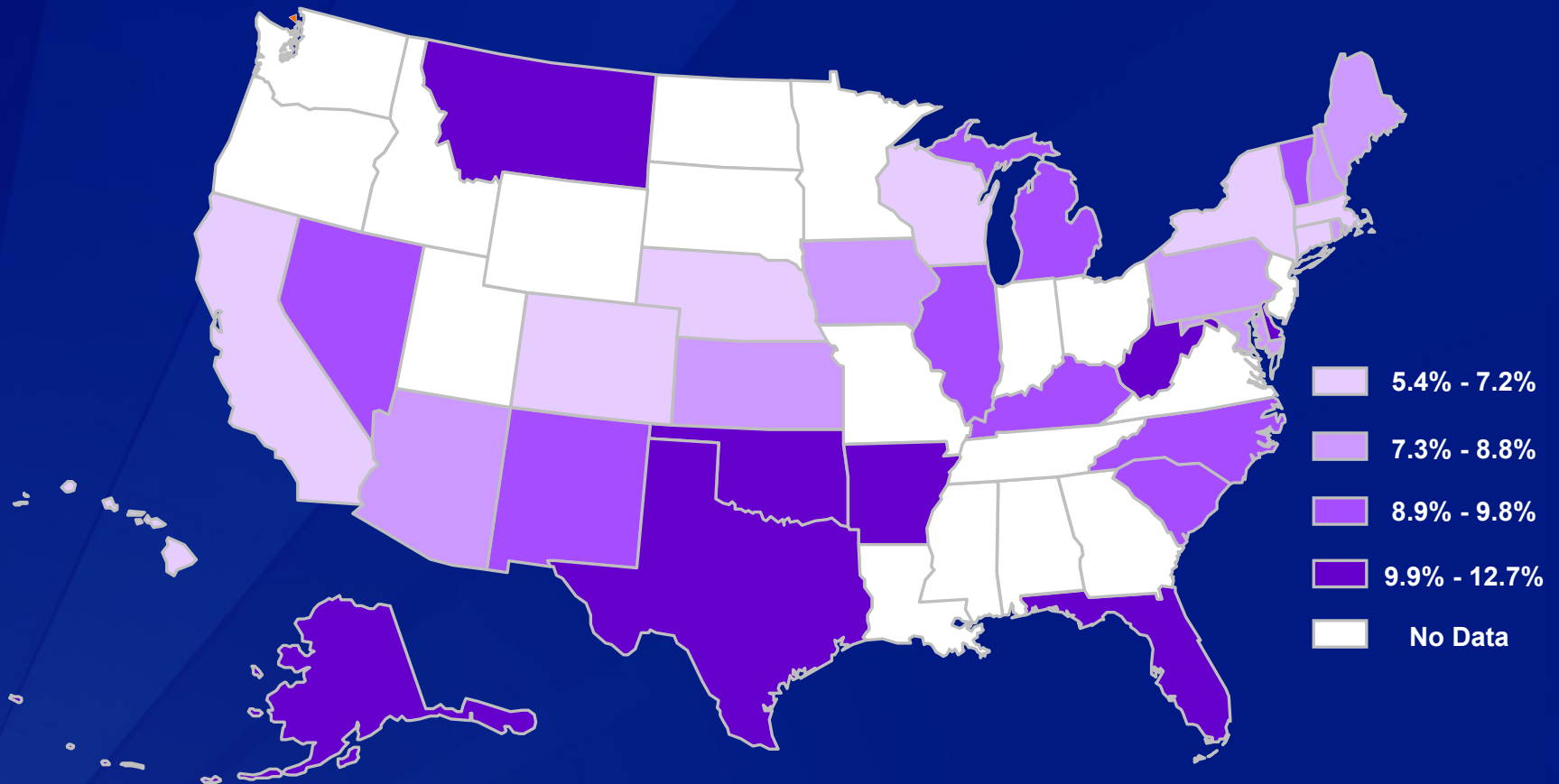
Percentage of High School Students Who Were Currently Sexually Active,* by Sex, Grade,† and Race/Ethnicity, 2017
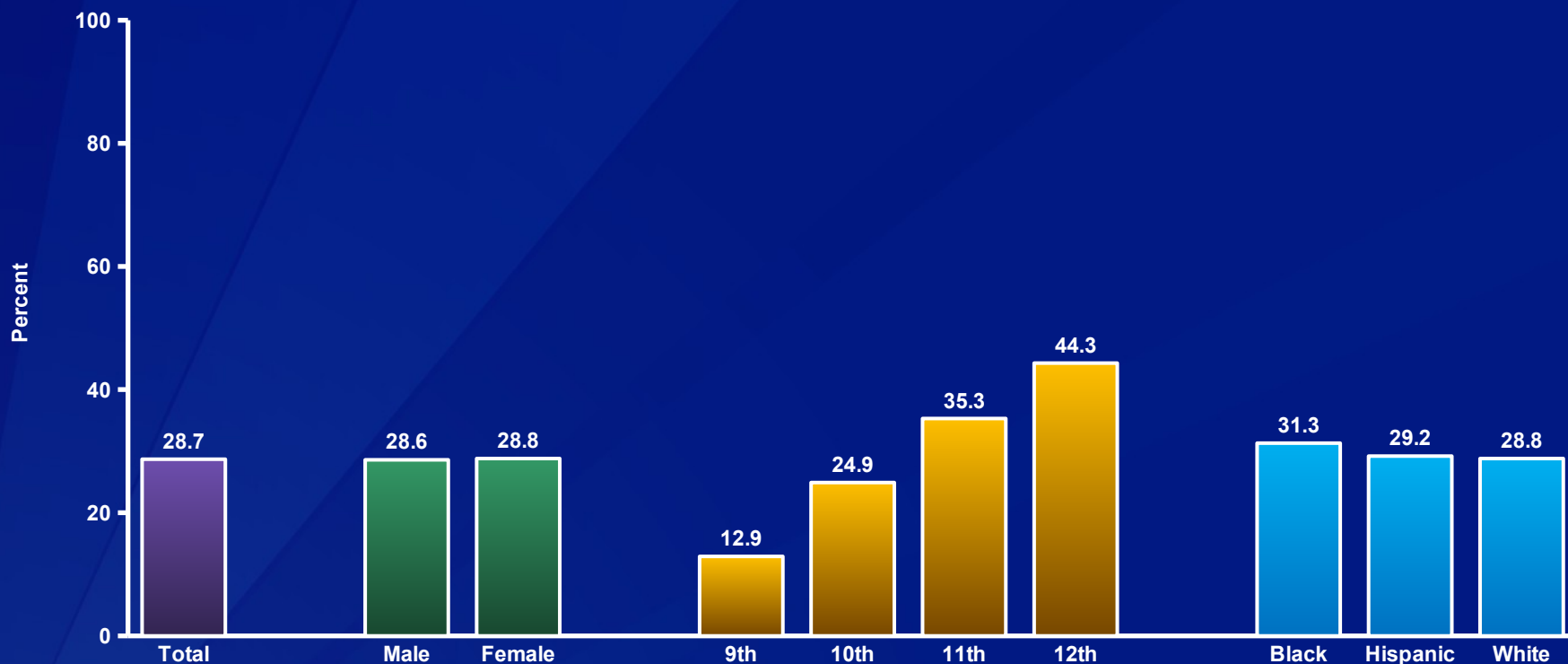
*Had sexual intercourse with at least one person, during the 3 months before the survey
†10th > 9th, 11th > 9th, 11th > 10th, 12th > 9th, 12th > 10th, 12th > 11th (Based on t-test analysis, $p < 0.05$.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

Percentage of High School Students Who Were Currently Sexually Active,* 1991-2017†

*Had sexual intercourse with at least one person, during the 3 months before the survey
†Decreased 1991-2017, decreased 1991-2013, decreased 2013-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
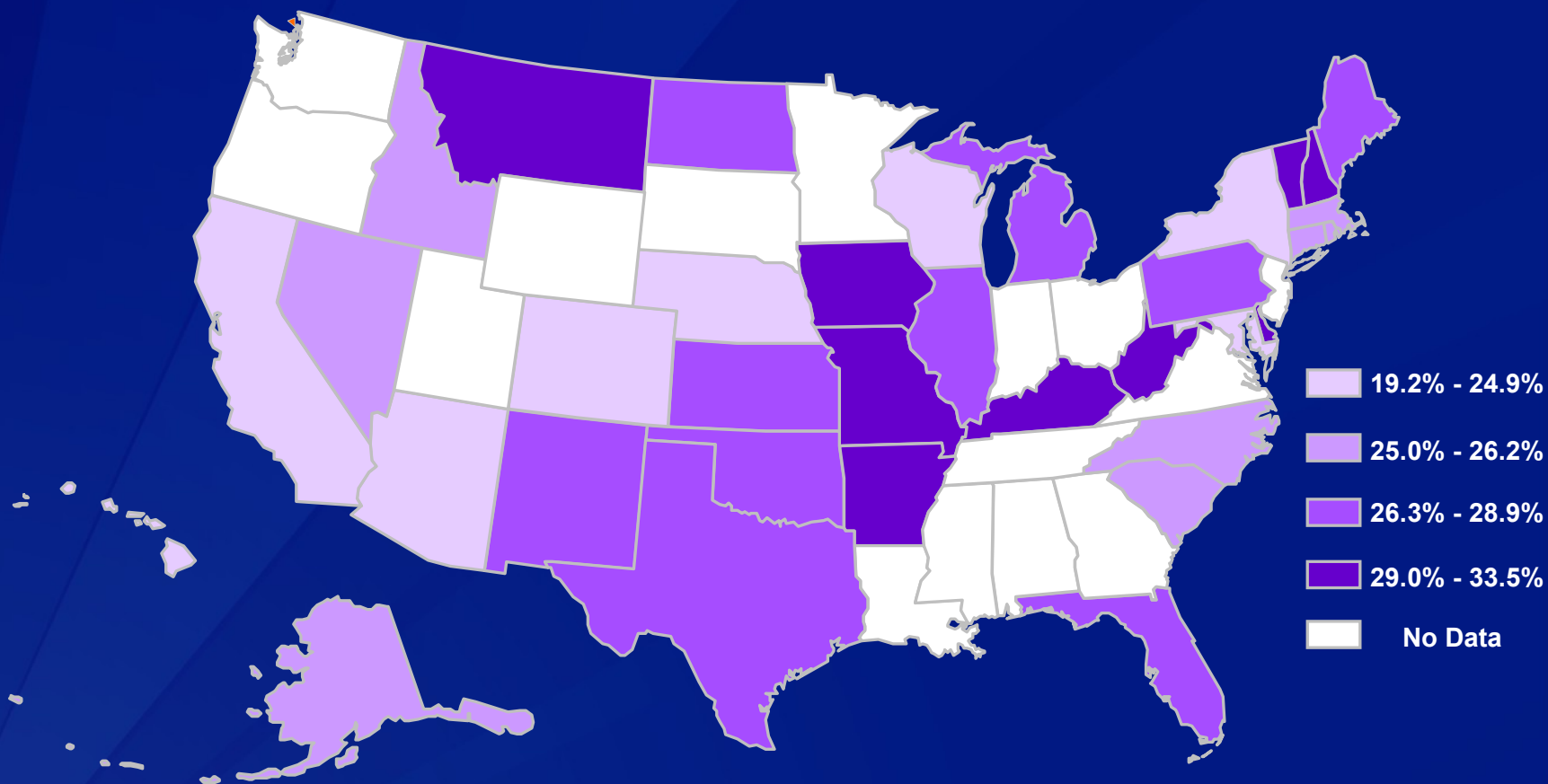Note: This graph contains weighted results.

National Youth Risk Behavior Surveys, 1991-2017

Range and Median Percentage of High School Students Who Were Currently Sexually Active,* Across 35 States and 19 Cities, 2017

Percent

50
40
30
20
10
0

States

Cities

*Had sexual intercourse with at least one person, during the 3 months before the survey

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Were Currently Sexually Active*

Legend:
- 19.2% - 24.9%
- 25.0% - 26.2%
- 26.3% - 28.9%
- 29.0% - 33.5%
- No Data

Had sexual intercourse with at least one person, during the 3 months before the survey

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used a Condom During Last Sexual Intercourse,* by Sex,† Grade,† and Race/Ethnicity, 2017
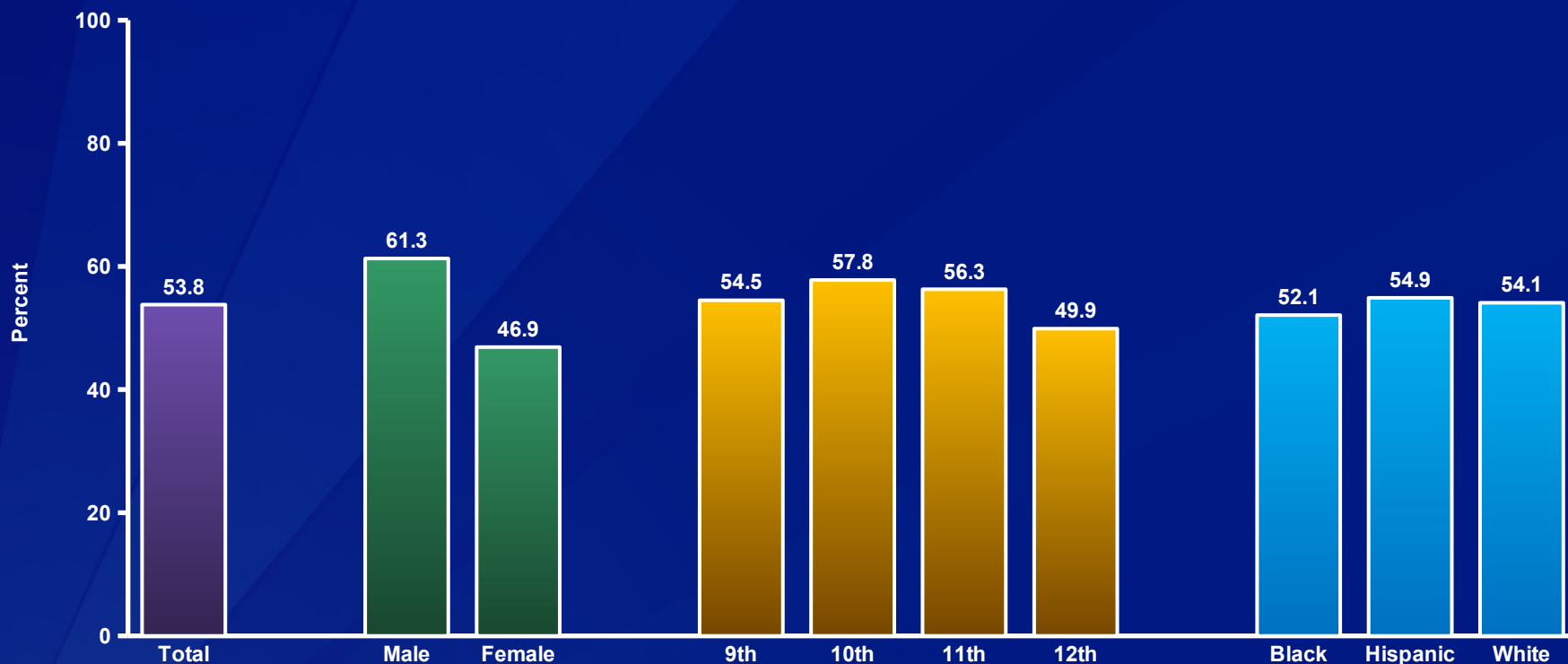
*Among students who were currently sexually active
†M > F; 10th > 12th, 11th > 12th (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

Percentage of High School Students Who Used a Condom During Last Sexual Intercourse,* 1991-2017†

*Among students who were currently sexually active

†Increased 1991-2017, increased 1991-2005, decreased 2005-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
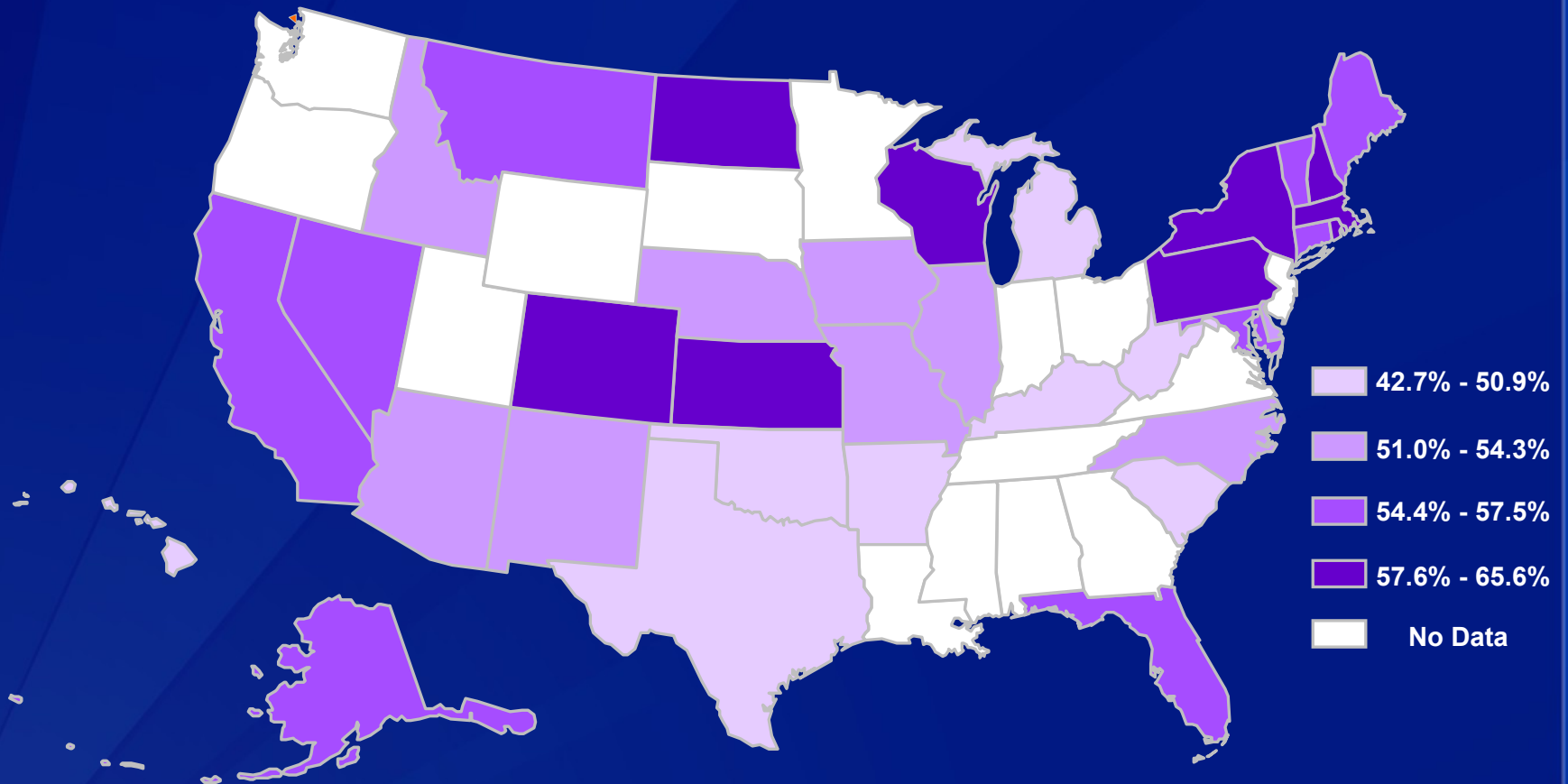
Note: This graph contains weighted results.

National Youth Risk Behavior Surveys, 1991-2017

Range and Median Percentage of High School Students Who Used a Condom During Last Sexual Intercourse,* Across 35 States and 19 Cities, 2017

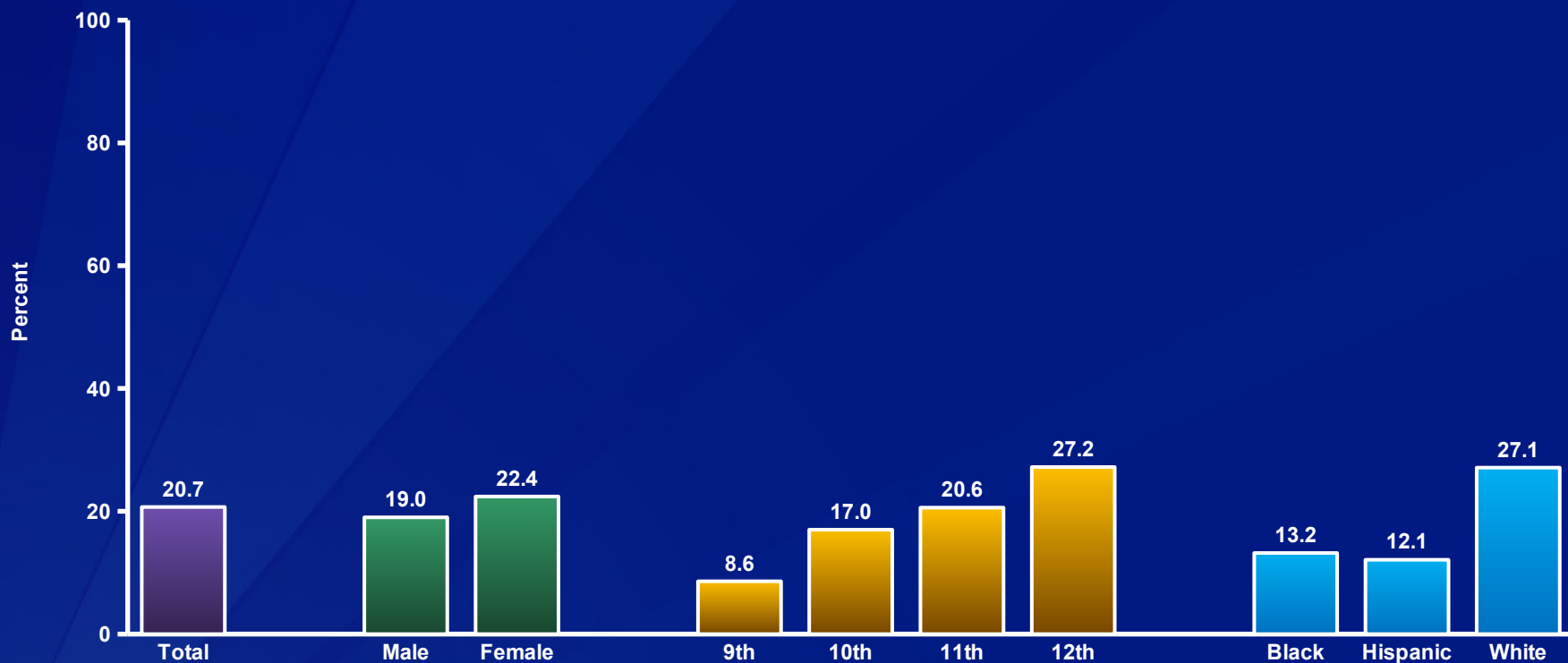*Among students who were currently sexually active

Percentage of High School Students Who Used a Condom During Last Sexual Intercourse*

Legend:
- 42.7% - 50.9%
- 51.0% - 54.3%
- 54.4% - 57.5%
- 57.6% - 65.6%
- No Data

Among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used Birth Control Pills Before Last Sexual Intercourse,* by Sex, Grade,† and Race/Ethnicity,† 2017

*To prevent pregnancy, among students who were currently sexually active
†10th > 9th, 11th > 9th, 12th > 9th, 12th > 10th, 12th > 11th; W > B, W > H (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

Percentage of High School Students Who Used Birth Control Pills Before Last Sexual Intercourse,* 1991-2017†

Percent

Year	Value
1991	20.8
1993	18.4
1995	17.4
1997	16.6
1999	16.2
2001	18.2
2003	17.0
2005	17.6
2007	16.0
2009	19.8
2011	18.0
2013	19.0
2015	18.2
2017	20.7

*To prevent pregnancy, among students who were currently sexually active
†Increased 1991-2017, decreased 1991-1995, increased 1995-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
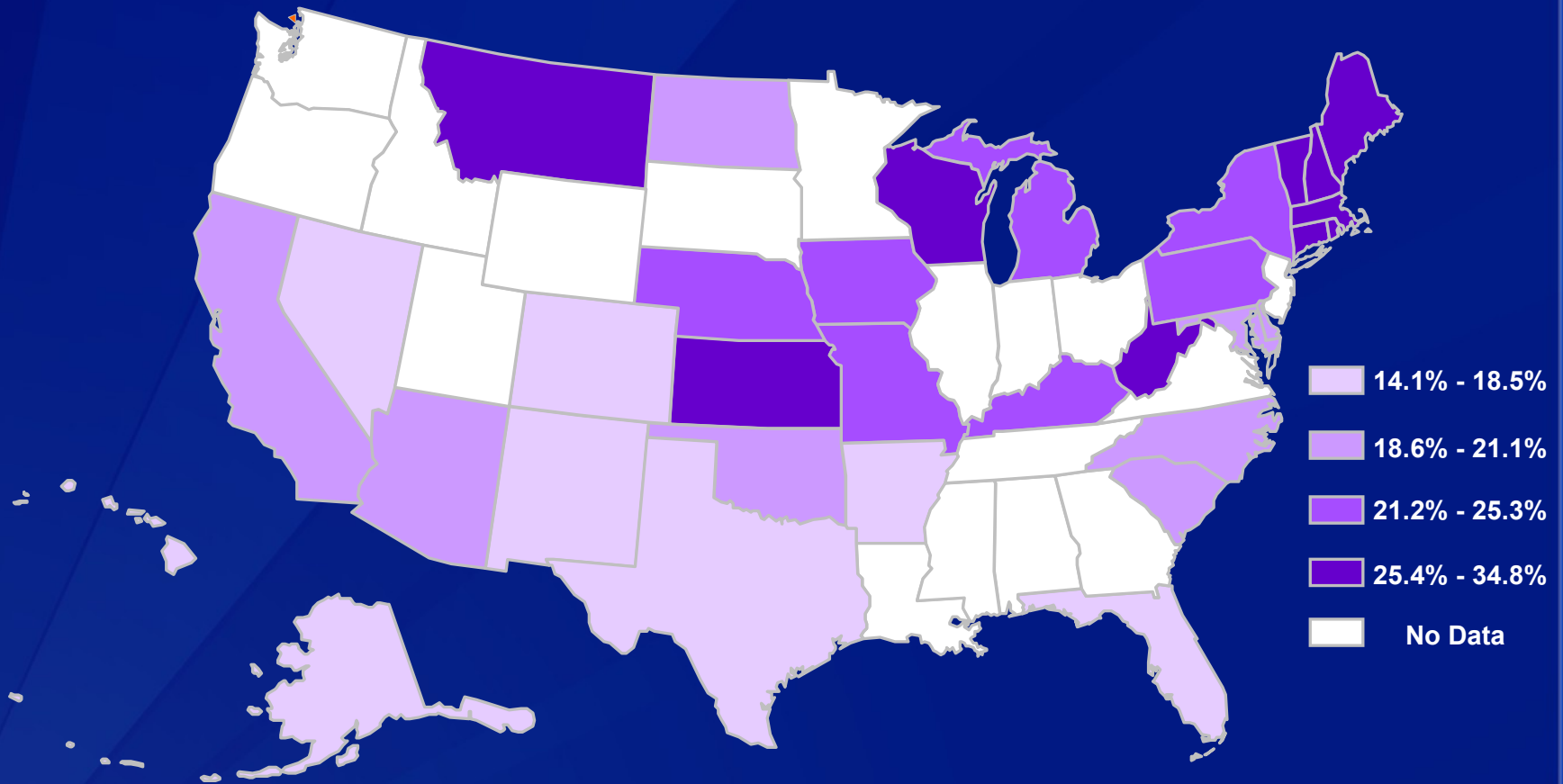Note: This graph contains weighted results.

National Youth Risk Behavior Surveys, 1991-2017

Range and Median Percentage of High School Students Who Used Birth Control Pills Before Last Sexual Intercourse,* Across 33 States and 18 Cities, 2017

*To prevent pregnancy, among students who were currently sexually active

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used Birth Control Pills Before Last Sexual Intercourse*

Legend:
- 14.1% - 18.5%
- 18.6% - 21.1%
- 21.2% - 25.3%
- 25.4% - 34.8%
- No Data

To prevent pregnancy, among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used an IUD (e.g., Mirena or Paragard) or Implant (e.g., Implanon or Nexplanon),* by Sex,† Grade, and Race/Ethnicity,† 2017

Total	Male	Female	9th	10th	11th	12th	Black	Hispanic	White
4.1	2.7	5.3	2.2	3.6	4.4	4.6	3.3	2.2	4.9

*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

†F > M; W > H (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

Percentage of High School Students Who Used an IUD (e.g., Mirena or Paragard) or Implant (e.g., Implanon or Nexplanon),* 2013-2017†

*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active
†Increased 2013-2017 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05).]
Note: This graph contains weighted results.

Range and Median Percentage of High School Students Who Used an IUD (e.g., Mirena or Paragard) or Implant (e.g., Implanon or Nexplanon),* Across 33 States and 18 Cities, 2017
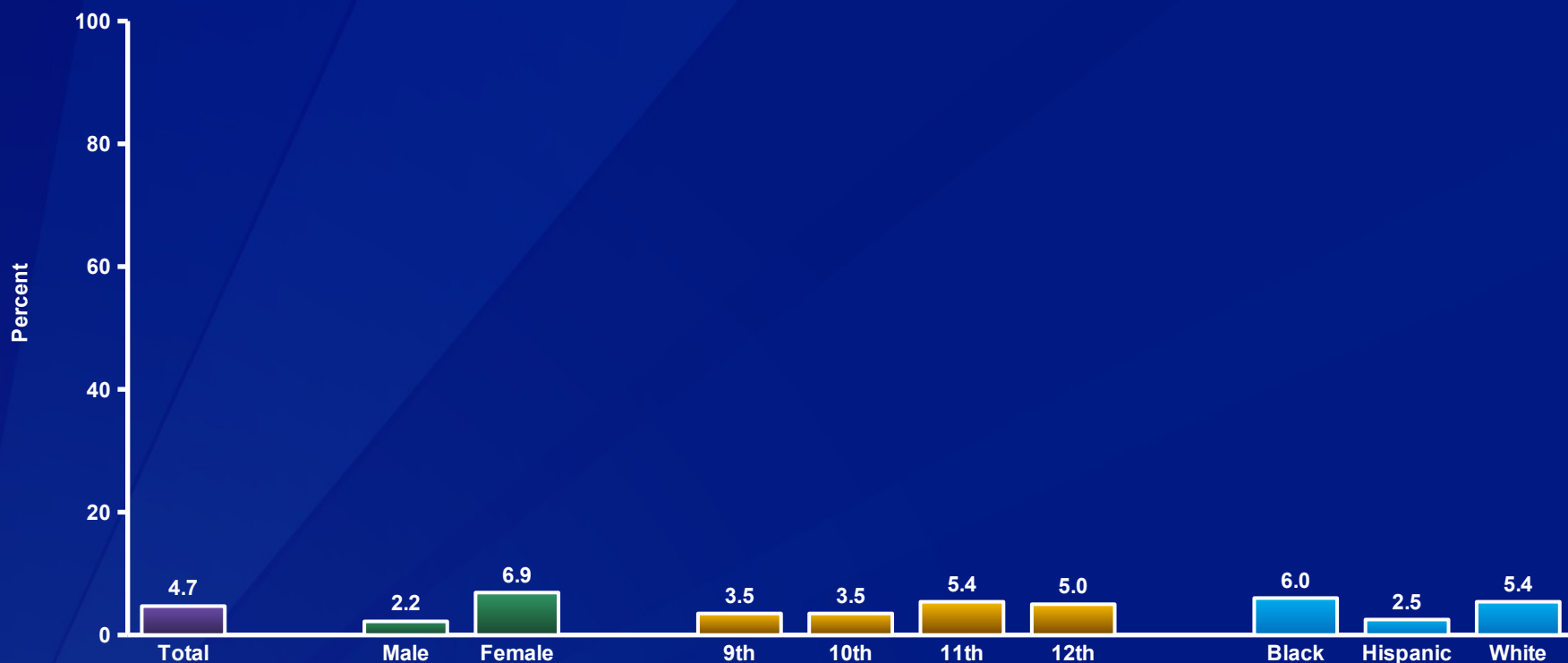
*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used an IUD (e.g., Mirena or Paragard) or Implant (e.g., Implanon or Nexplanon)*

Legend:
- 1.9% - 3.6%
- 3.7% - 4.9%
- 5.0% - 7.6%
- 7.7% - 13.3%
- No Data

Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017
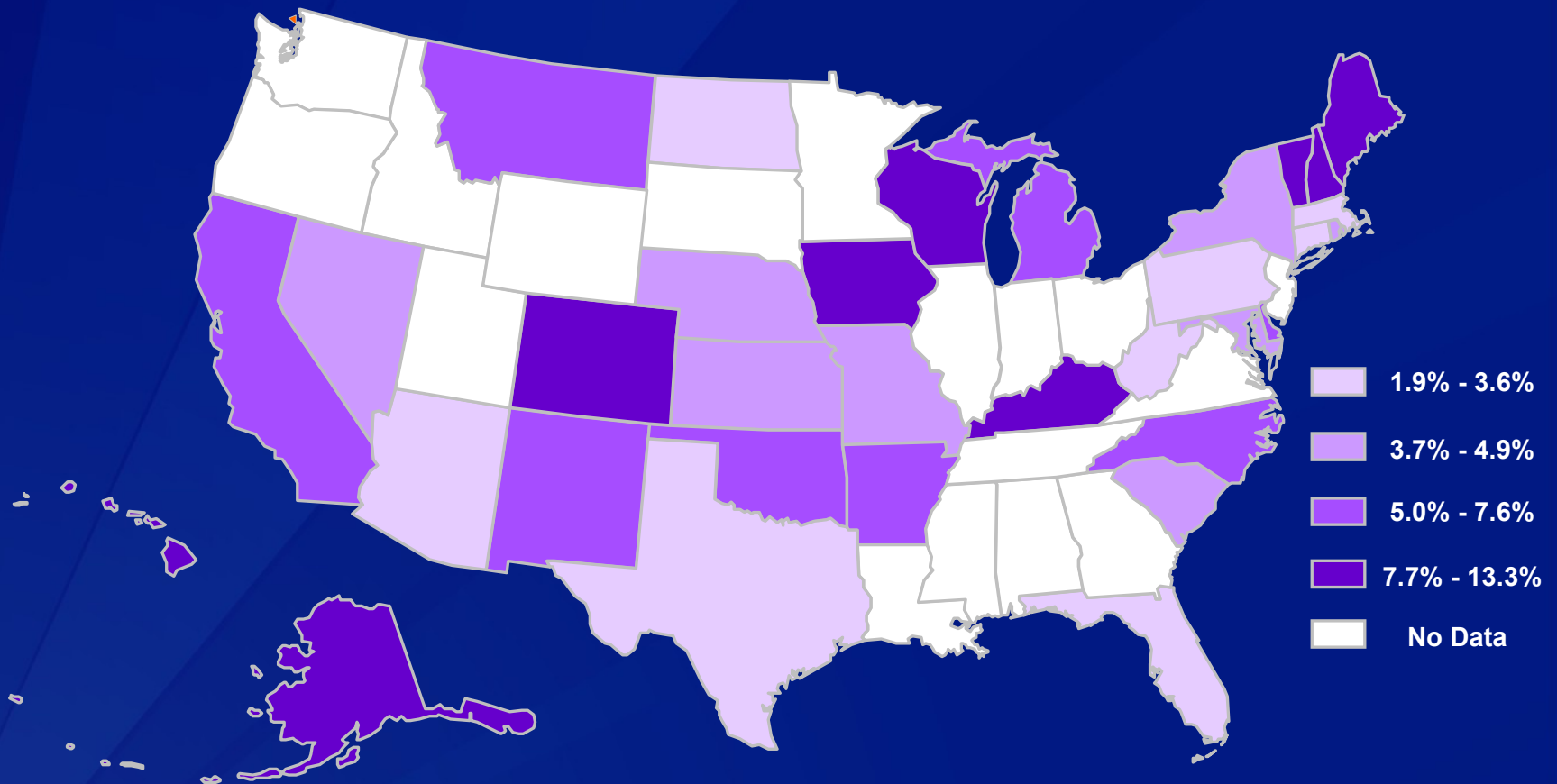
Percentage of High School Students Who Used a Shot (e.g., Depo-Provera), Patch (e.g., Orthoevra), or Birth Control Ring (e.g., Nuvaring),* by Sex,† Grade,† and Race/Ethnicity,† 2017

Category	Percent
Total	4.7
Male	2.2
Female	6.9
9th	3.5
10th	3.5
11th	5.4
12th	5.0
Black	6.0
Hispanic	2.5
White	5.4

*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active
†F > M; 11th > 10th; B > H, W > H (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

Percentage of High School Students Who Used a Shot (e.g., Depo-Provera), Patch (e.g., Orthoevra), or Birth Control Ring (e.g., Nuvaring),* 2013-2017†

Percent

2013	2015	2017
4.7	5.3	4.7

*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active
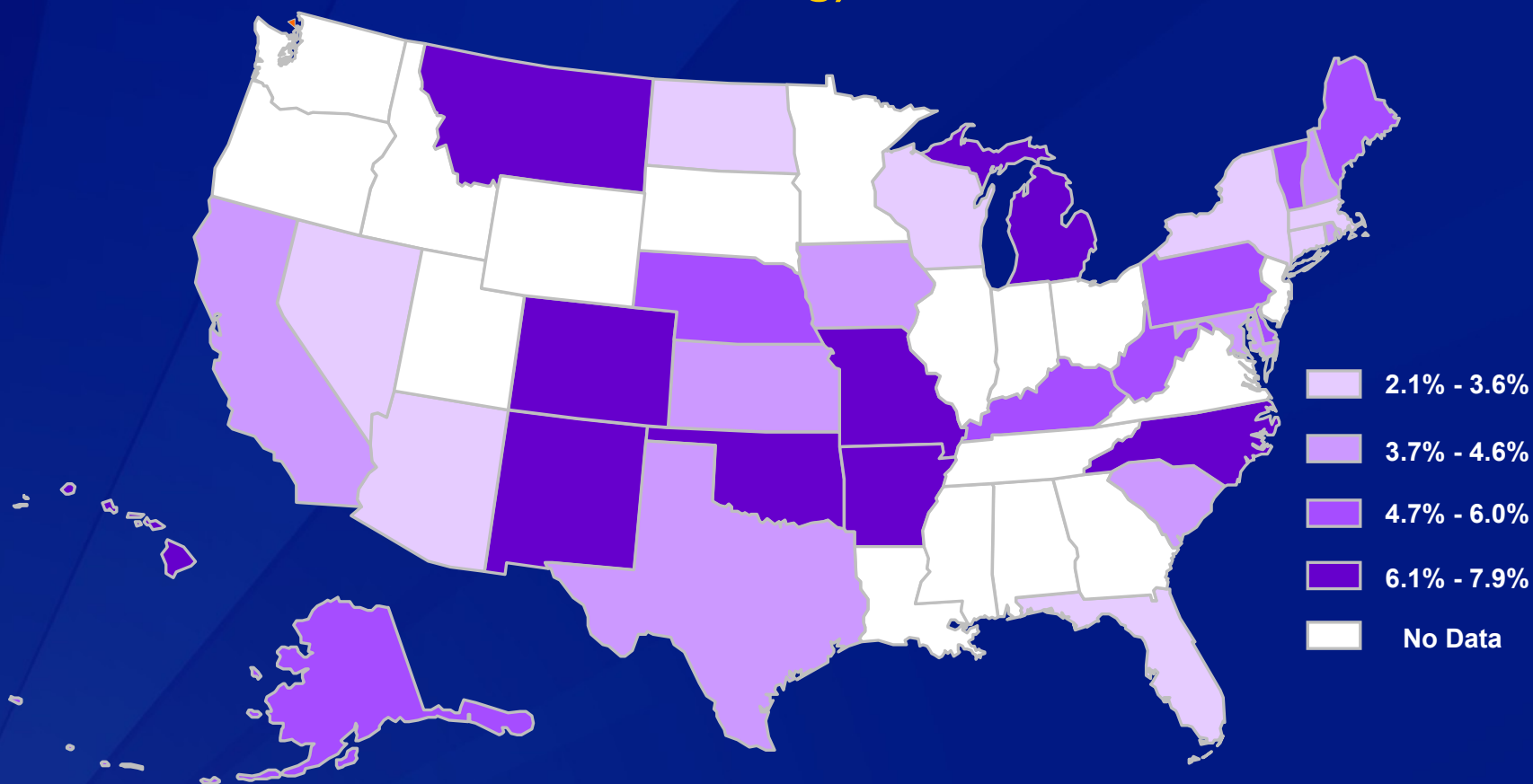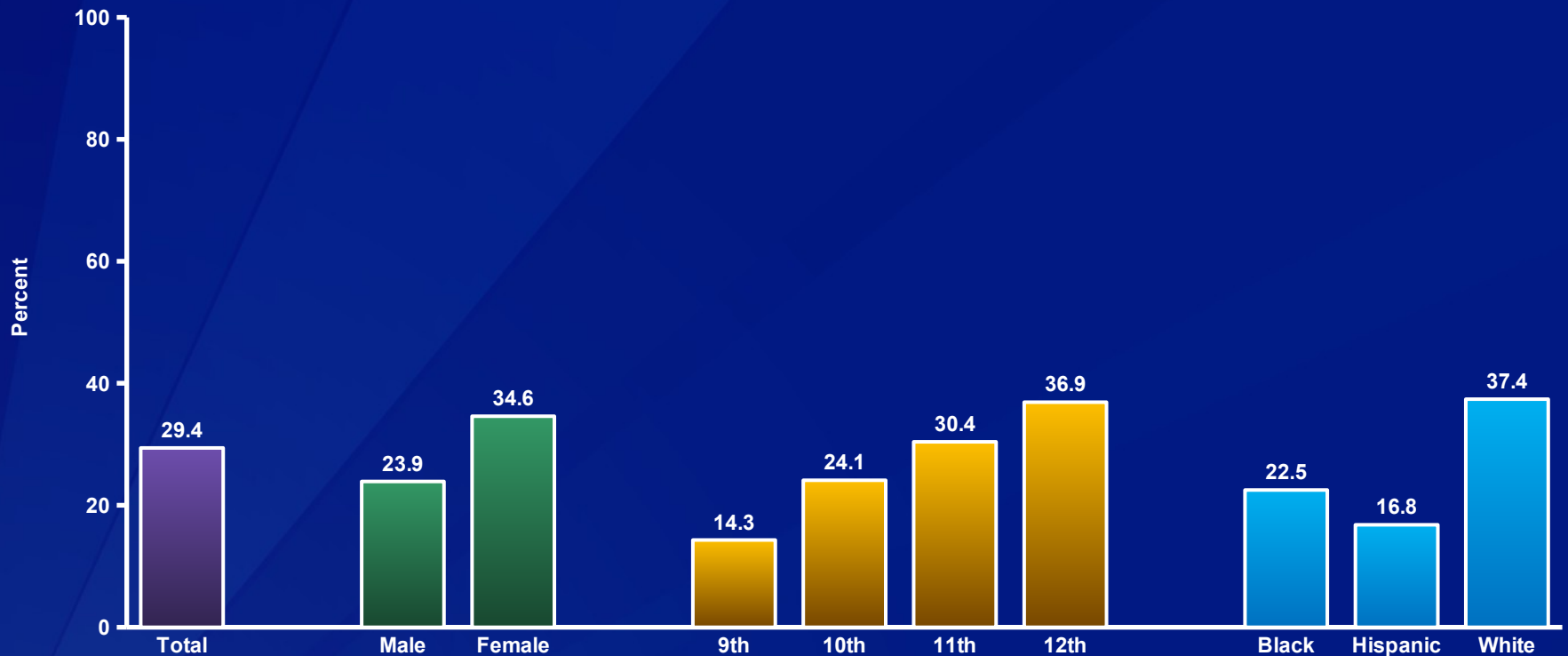†No change 2013-2017 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05).]
Note: This graph contains weighted results.

Range and Median Percentage of High School Students Who Used a Shot (e.g., Depo-Provera), Patch (e.g., Orthoevra), or Birth Control Ring (e.g., Nuvaring),* Across 33 States and 18 Cities, 2017
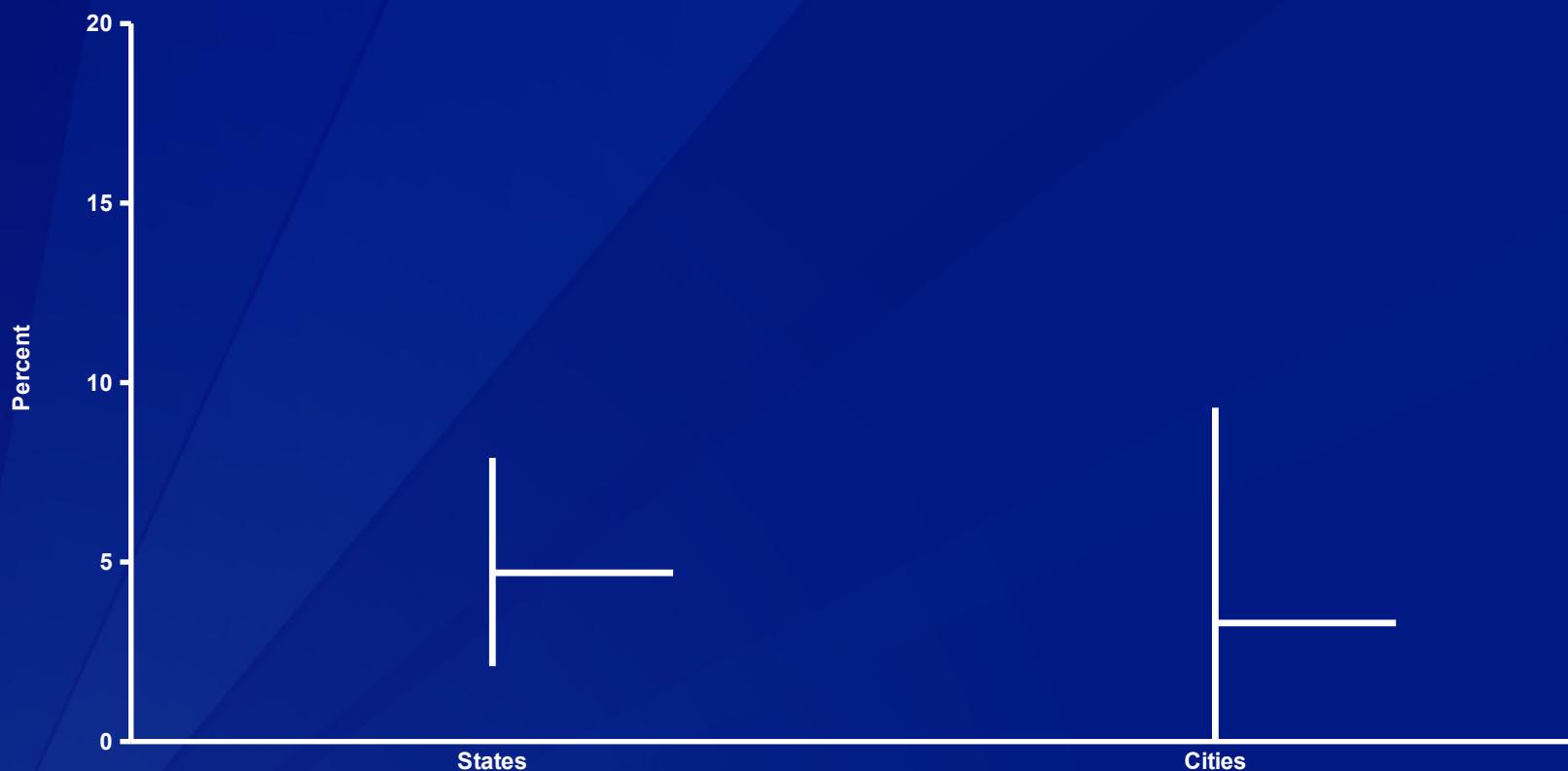
*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used a Shot (e.g., Depo-Provera), Patch (e.g., Orthoevra), or Birth Control Ring (e.g., Nuvaring)*

Legend:
- 2.1% - 3.6%
- 3.7% - 4.6%
- 4.7% - 6.0%
- 6.1% - 7.9%
- No Data

Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring,* by Sex,[†] Grade,[†] and Race/Ethnicity,[†] 2017
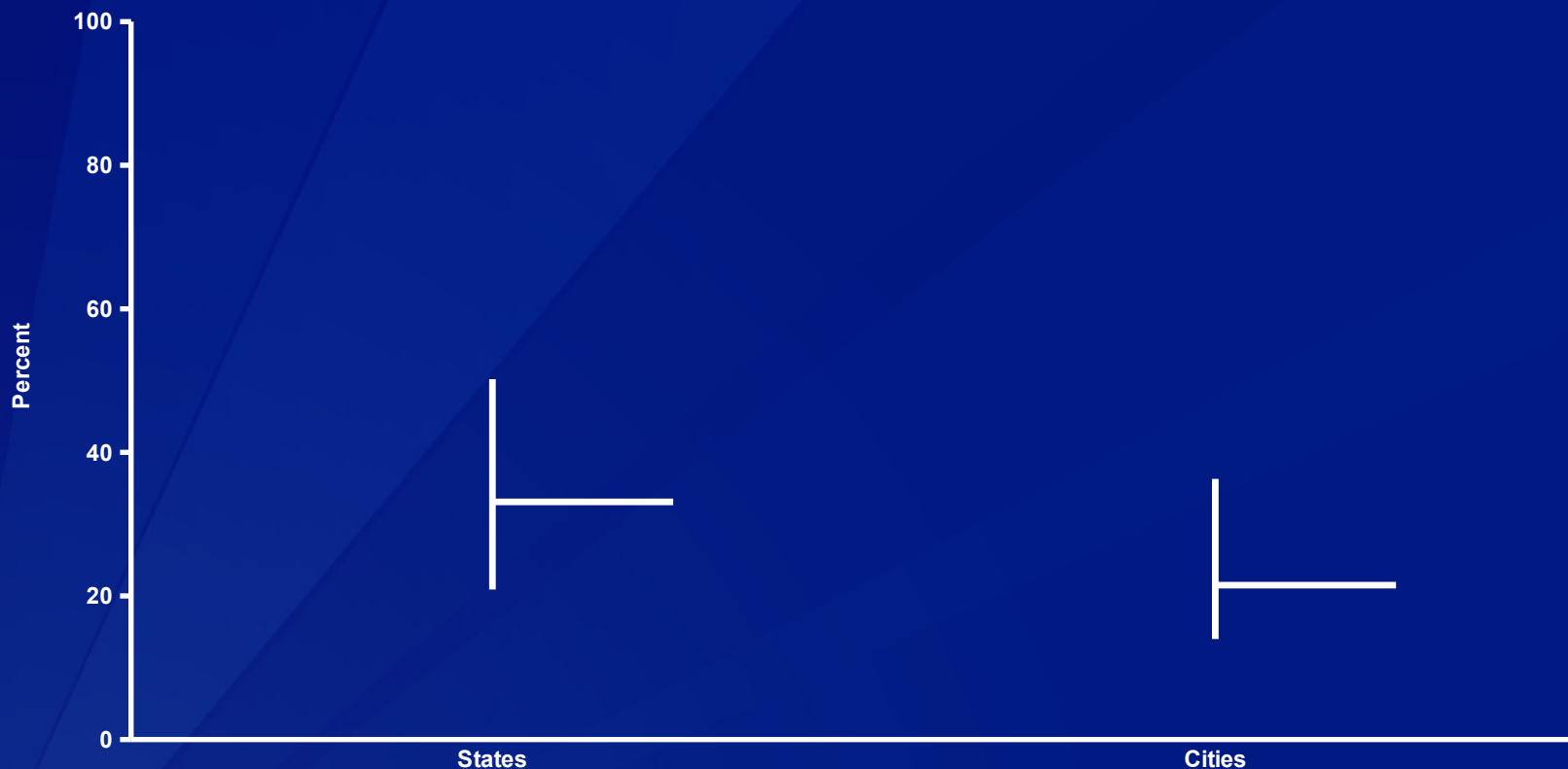

*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

[†]F > M; 10th > 9th, 11th > 9th, 11th > 10th, 12th > 9th, 12th > 10th, 12th > 11th; B > H, W > B, W > H (Based on t-test analysis, p < 0.05.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

Percentage of High School Students Who Used Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring,* 2013-2017†

*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active
†Increased 2013-2017 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05).]
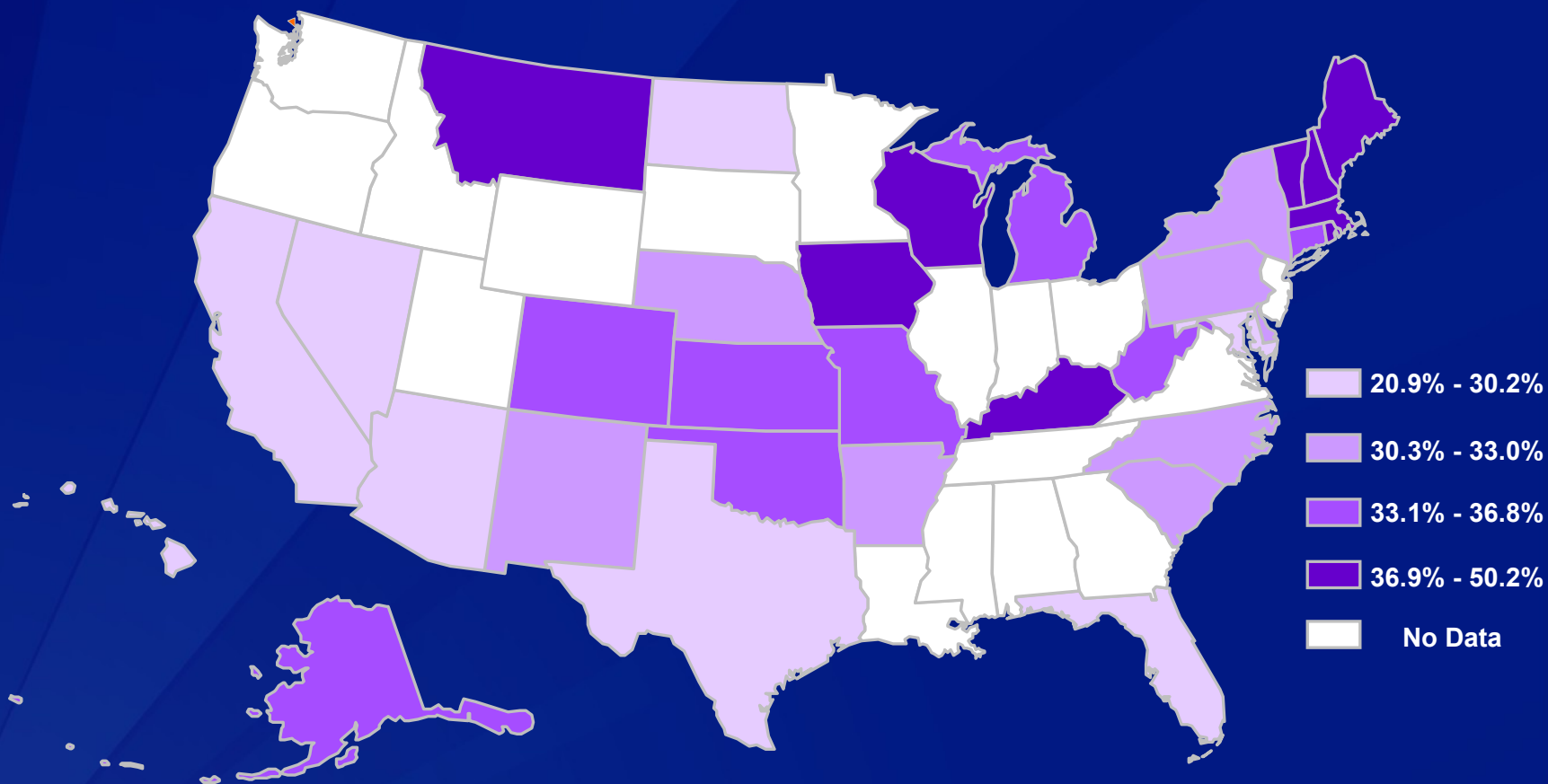Note: This graph contains weighted results.

Range and Median Percentage of High School Students Who Used Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring,* Across 33 States and 18 Cities, 2017
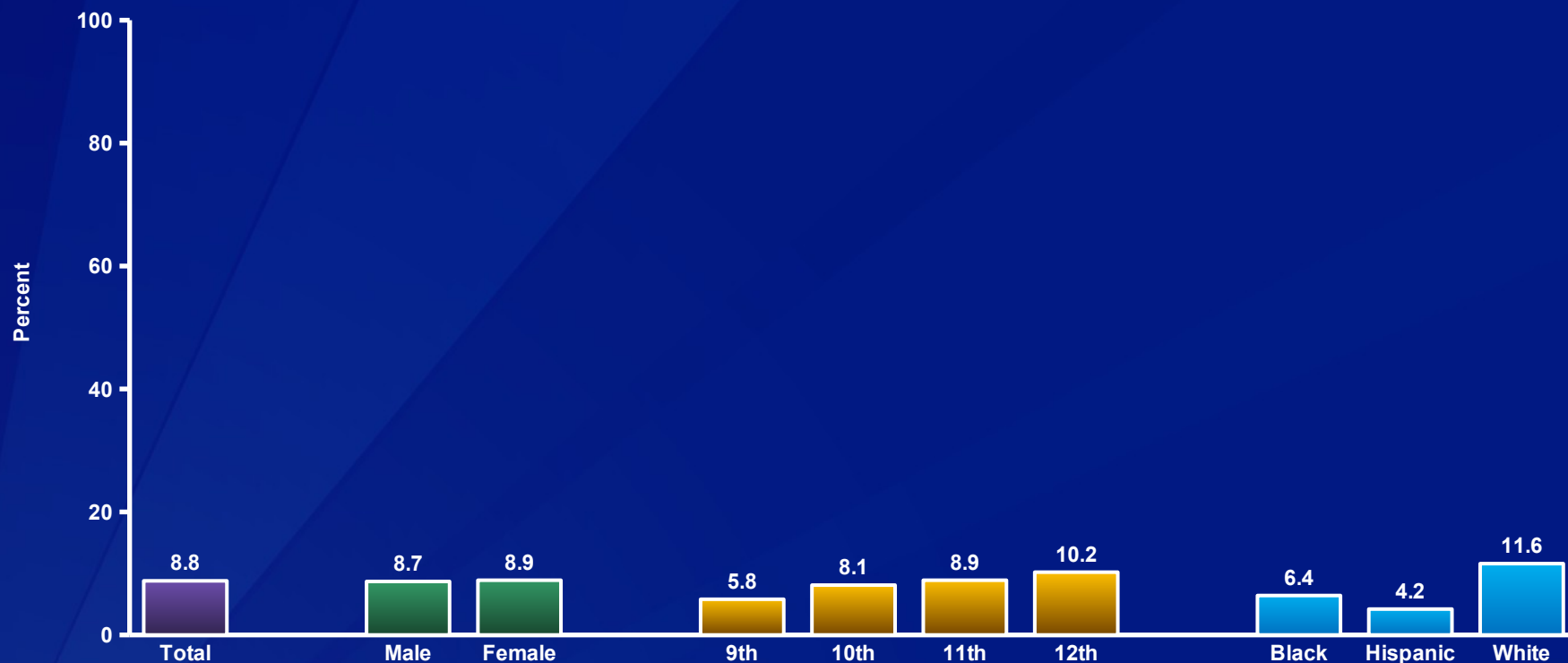
Percent

100

80

60

40

20

0

States

Cities

*Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring*

20.9% - 30.2%

30.3% - 33.0%

33.1% - 36.8%

36.9% - 50.2%

No Data

Before last sexual intercourse to prevent pregnancy among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used Both a Condom During and Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring Before Last Sexual Intercourse,* by Sex, Grade, and Race/Ethnicity,† 2017

*To prevent pregnancy among students who were currently sexually active
†W > B, W > H (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

Percentage of High School Students Who Used Both a Condom During and Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring Before Last Sexual Intercourse,* 2013-2017[†]
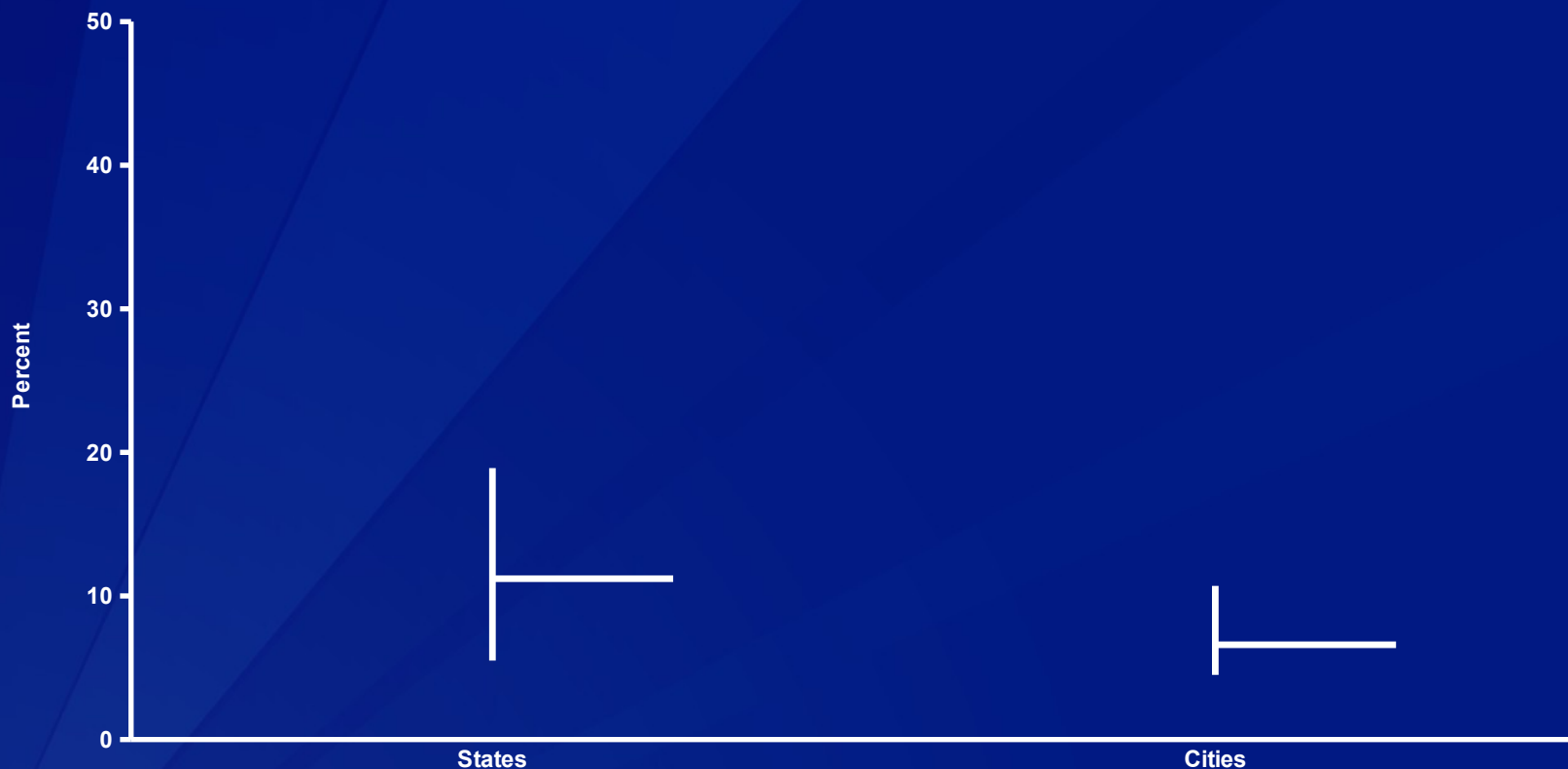

*To prevent pregnancy among students who were currently sexually active
[†]No change 2013-2017 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05).]
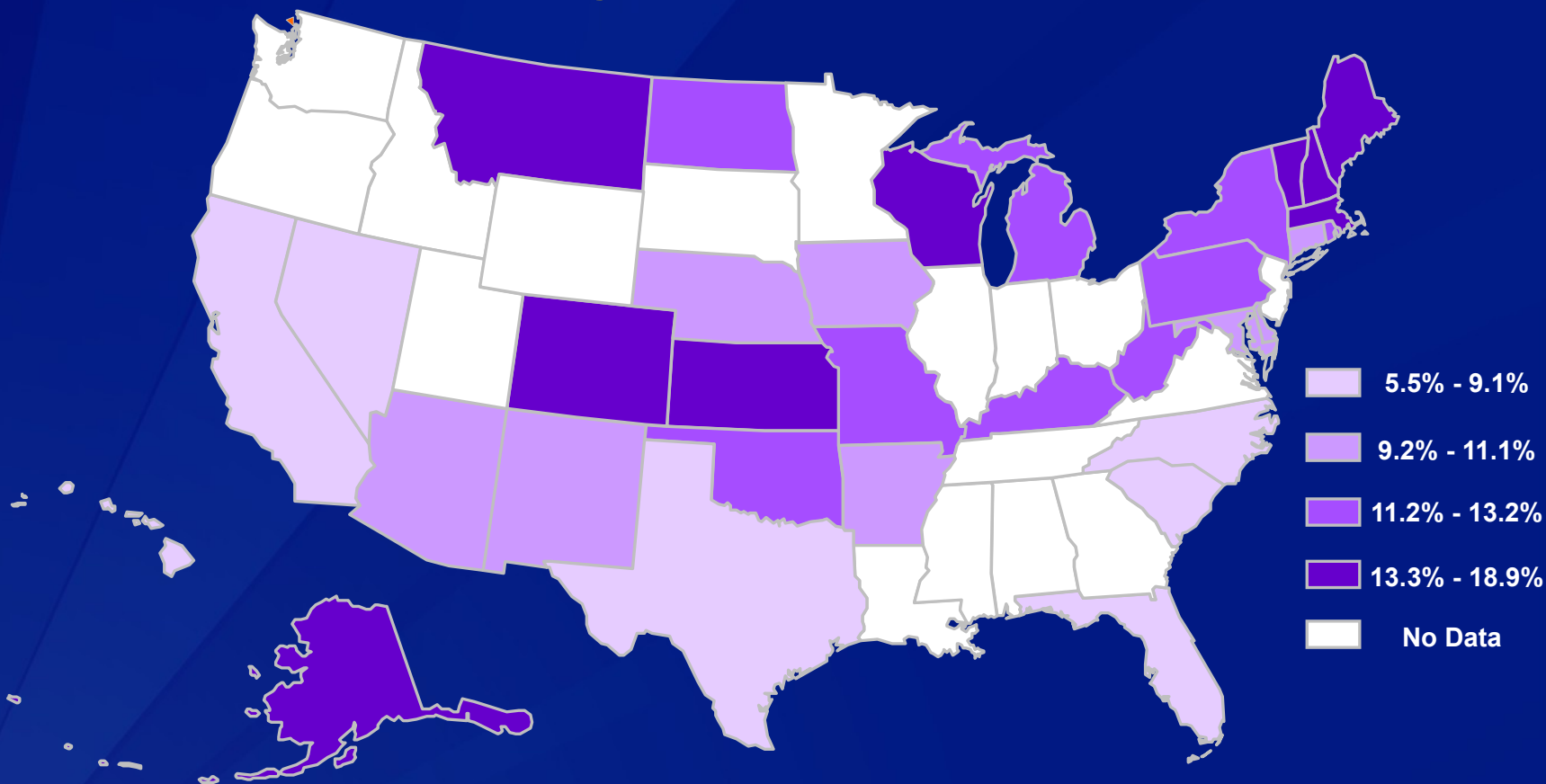Note: This graph contains weighted results.

Range and Median Percentage of High School Students Who Used Both a Condom During and Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring Before Last Sexual Intercourse,* Across 33 States and 18 Cities, 2017
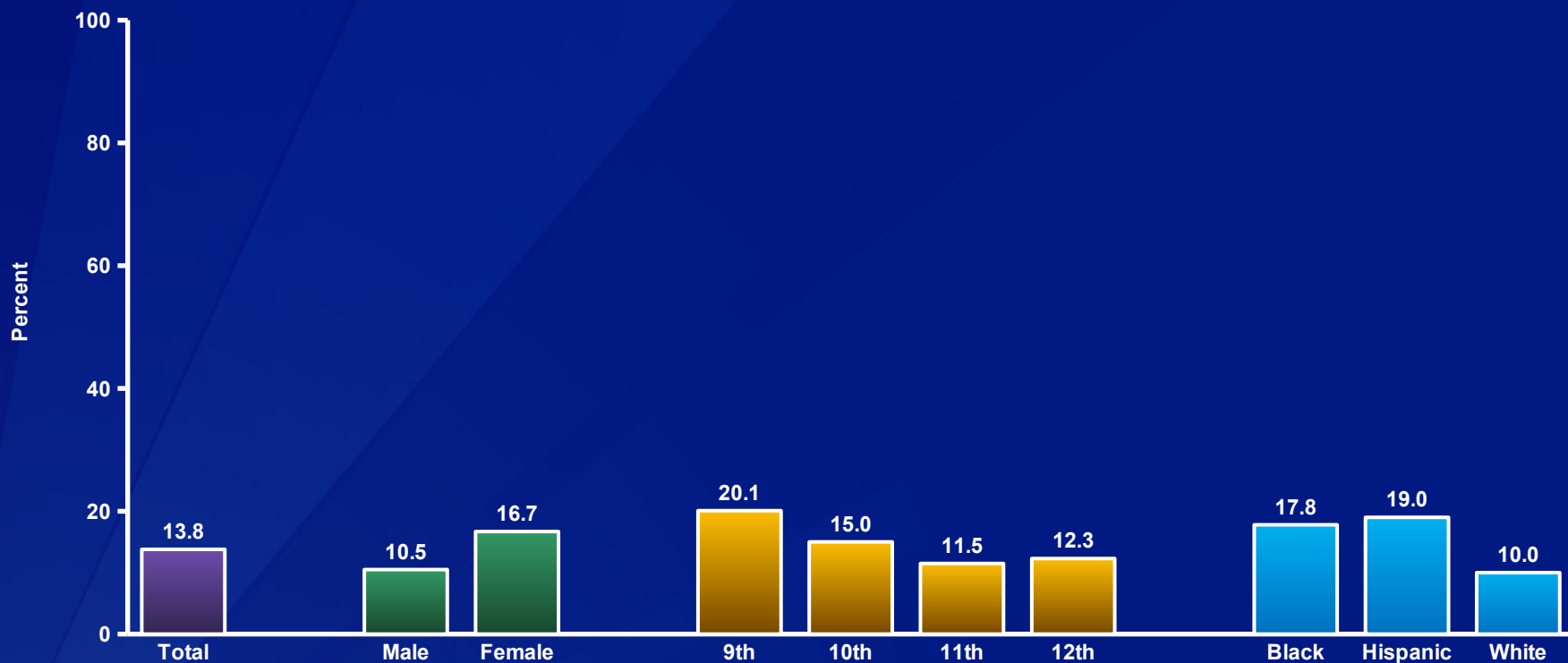
Percent

50
40
30
20
10
0

States

Cities

*To prevent pregnancy among students who were currently sexually active

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Used Both a Condom During and Birth Control Pills; an IUD or Implant; or a Shot, Patch, or Birth Control Ring Before Last Sexual Intercourse*

Legend:
- 5.5% - 9.1%
- 9.2% - 11.1%
- 11.2% - 13.2%
- 13.3% - 18.9%
- No Data

To prevent pregnancy among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Did Not Use Any Method to Prevent Pregnancy,* by Sex,† Grade,† and Race/Ethnicity,† 2017

Percent

| Category	Value
Total	13.8
Male	10.5
Female	16.7
9th	20.1
10th	15.0
11th	11.5
12th	12.3
Black	17.8
Hispanic	19.0
White	10.0

*During last sexual intercourse among students who were currently sexually active
†F > M; 9th > 11th, 9th > 12th; B > W, H > W (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

Percentage of High School Students Who Did Not Use Any Method to Prevent Pregnancy,* 1991-2017†
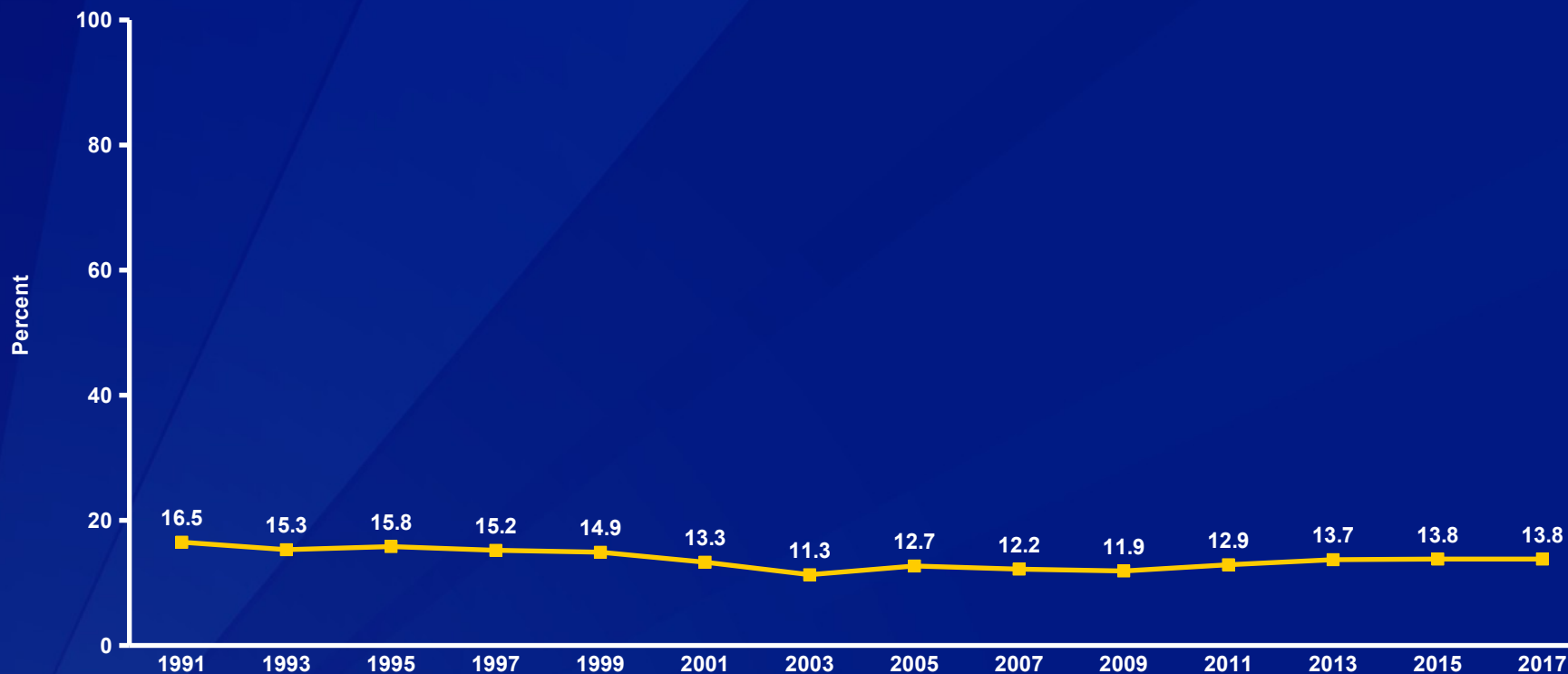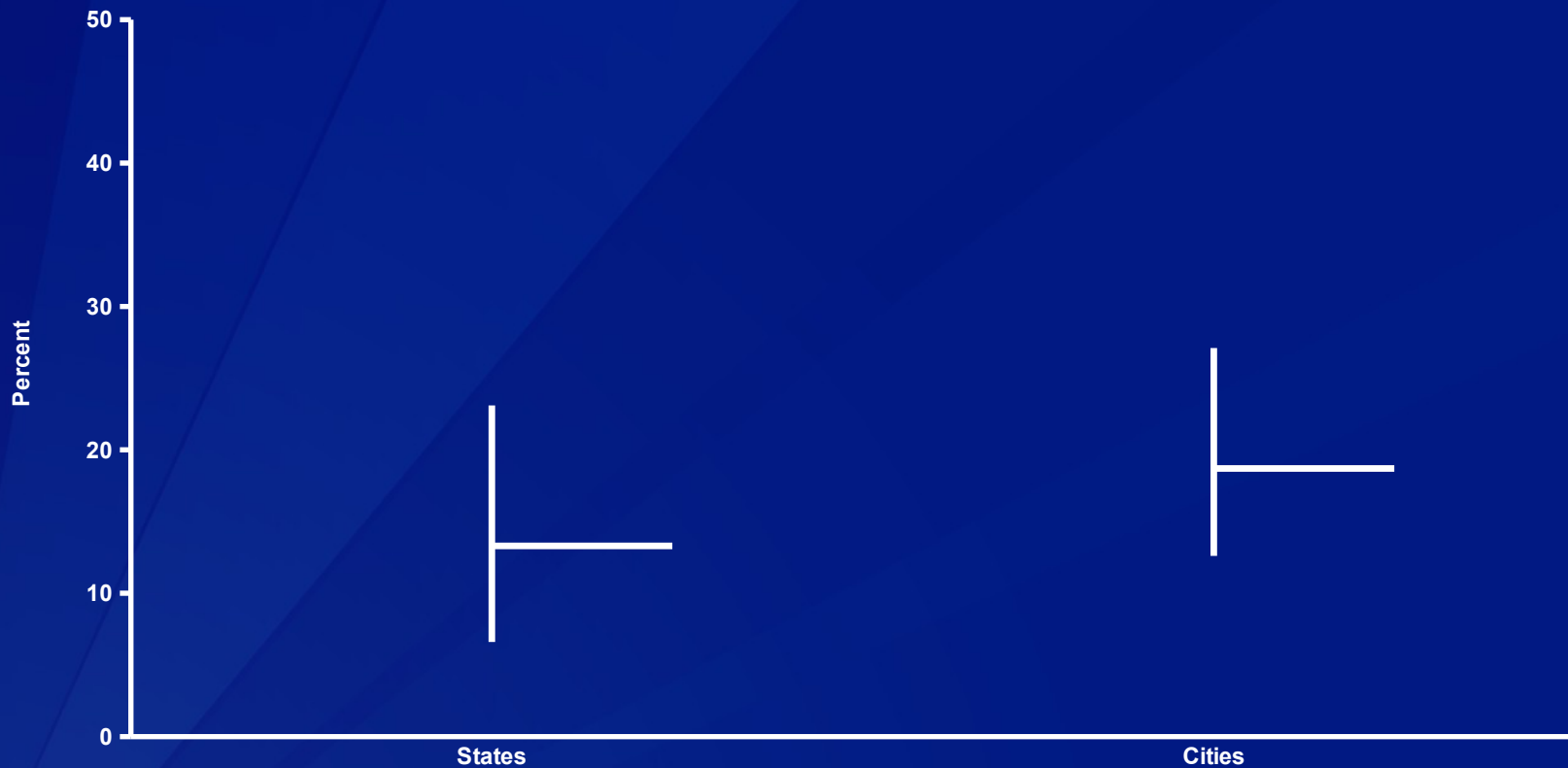

*During last sexual intercourse among students who were currently sexually active

†Decreased 1991-2017, decreased 1991-2007, no change 2007-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
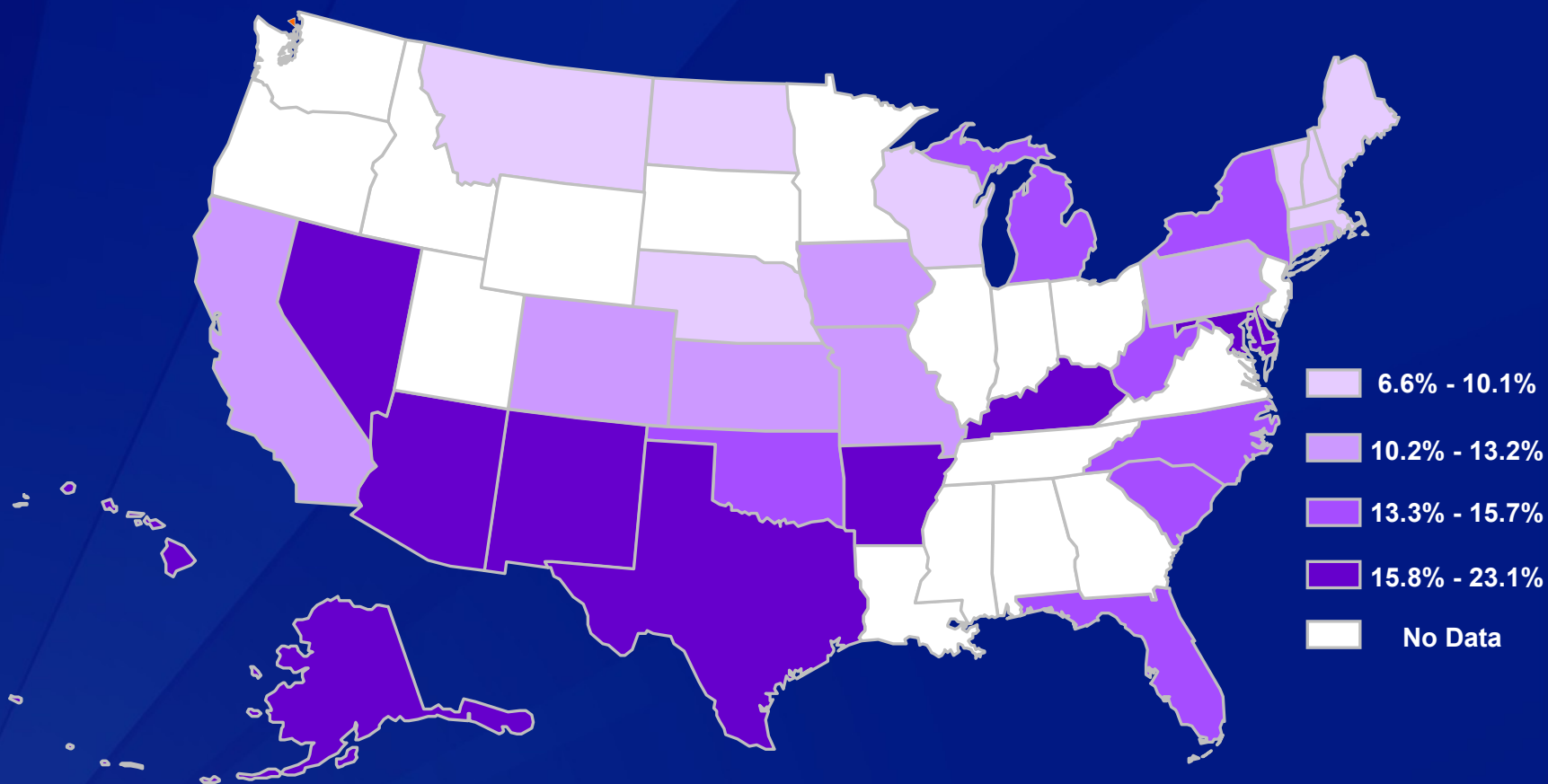
Note: This graph contains weighted results.

Range and Median Percentage of High School Students Who Did Not Use Any Method to Prevent Pregnancy,* Across 33 States and 18 Cities, 2017

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

State and Local Youth Risk Behavior Surveys, 2017

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

- 6.6% - 10.1%
- 10.2% - 13.2%
- 13.3% - 15.7%
- 15.8% - 23.1%
- No Data

During last sexual intercourse among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Drank Alcohol or Used Drugs Before Last Sexual Intercourse,* by Sex,† Grade,† and Race/Ethnicity, 2017
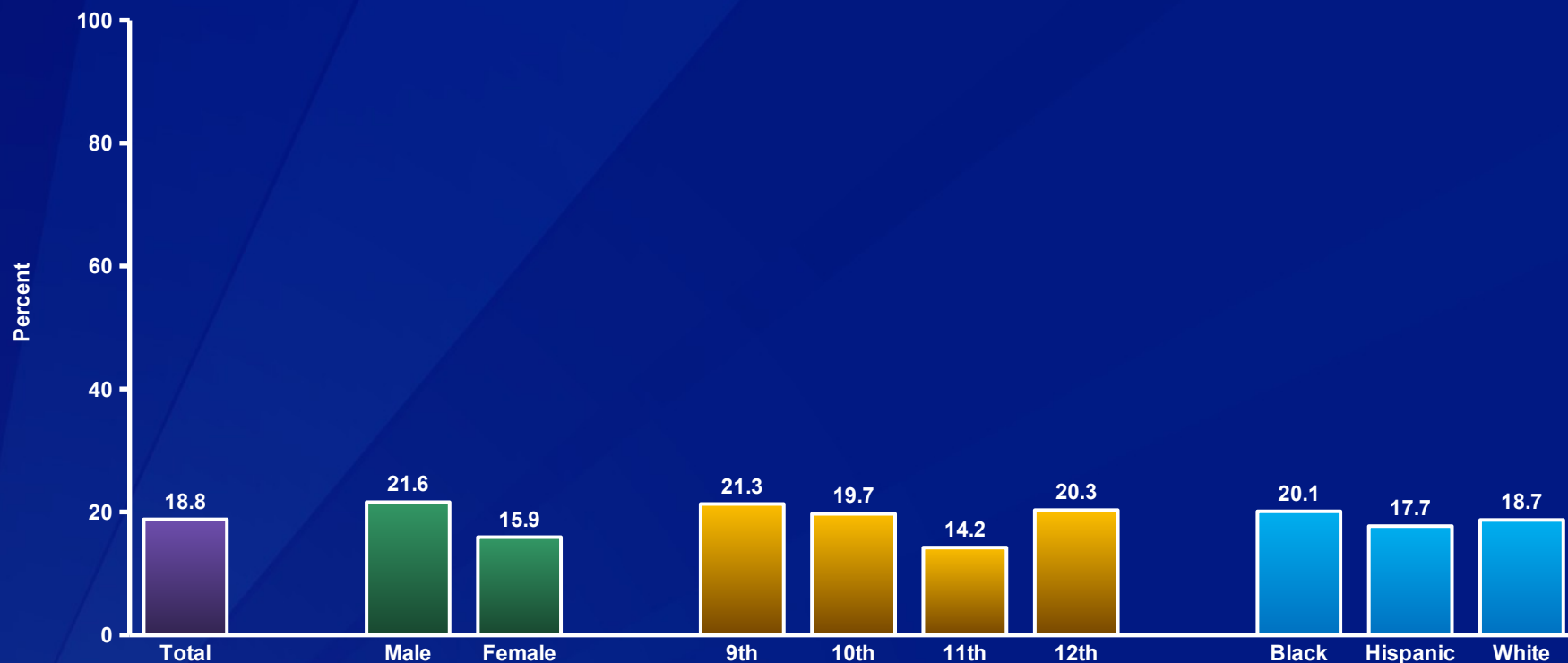
*Among students who were currently sexually active
†M > F; 10th > 11th, 12th > 11th (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

Percentage of High School Students Who Drank Alcohol or Used Drugs Before Last Sexual Intercourse,* 1991-2017†

*Among students who were currently sexually active

†Decreased 1991-2017, increased 1991-1999, decreased 1999-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
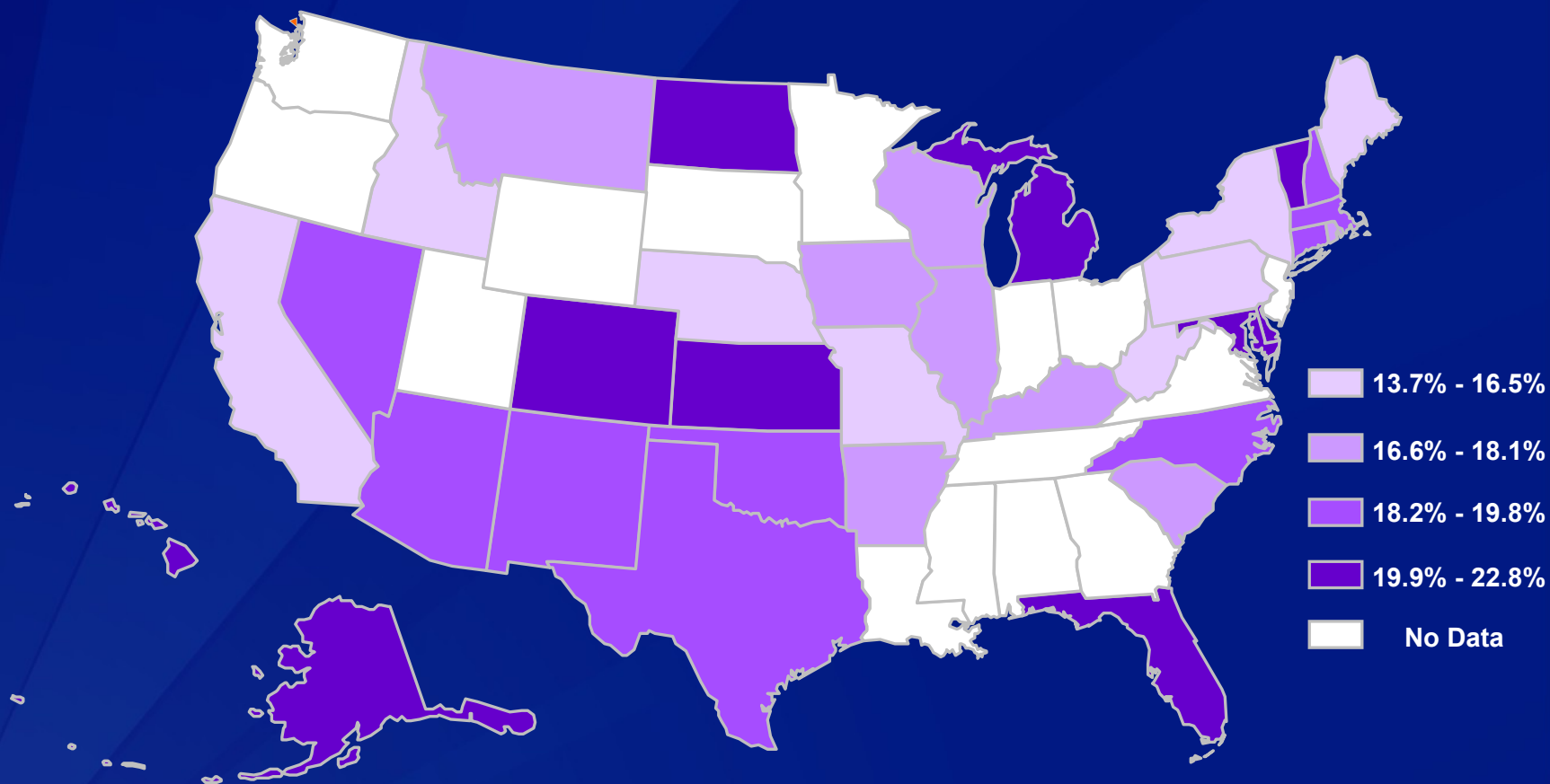
Note: This graph contains weighted results.

National Youth Risk Behavior Surveys, 1991-2017

Range and Median Percentage of High School Students Who Drank Alcohol or Used Drugs Before Last Sexual Intercourse,* Across 35 States and 18 Cities, 2017
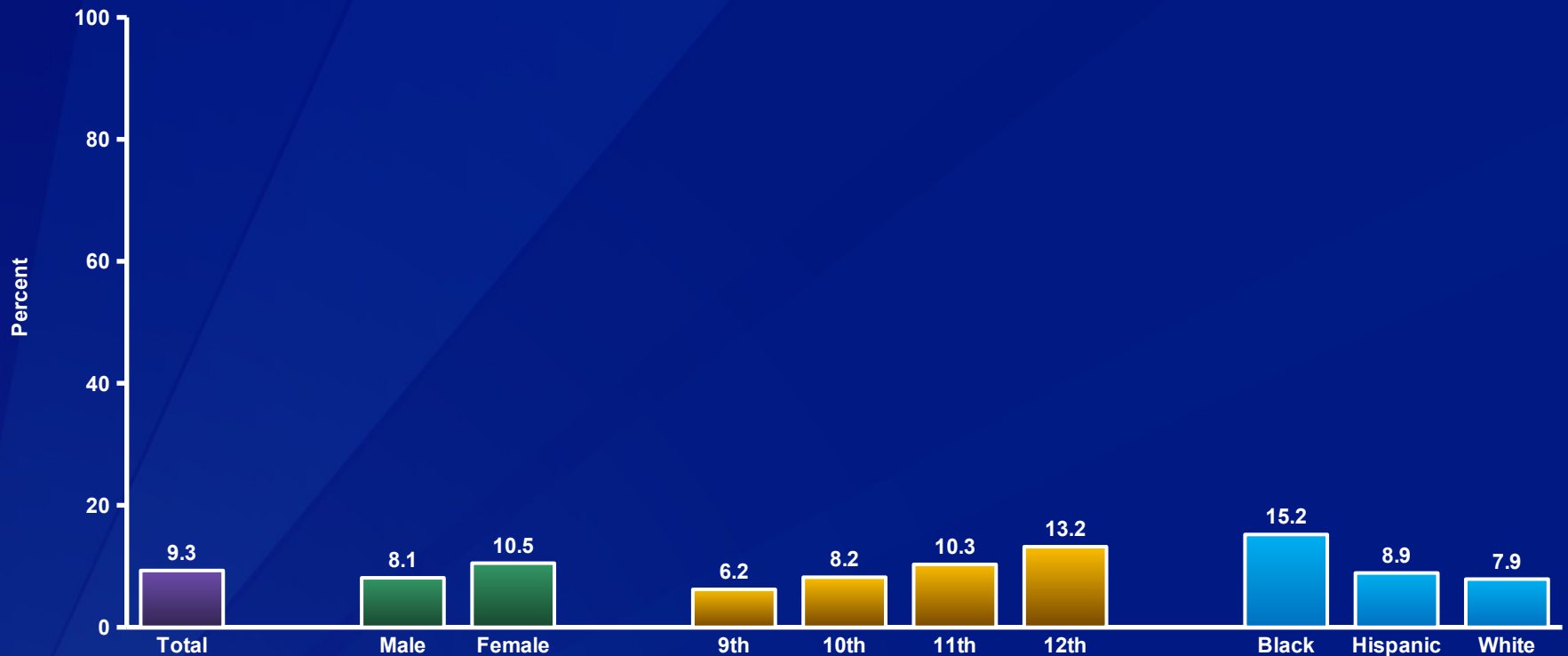
*Among students who were currently sexually active

State and Local Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Drank Alcohol or Used Drugs Before Last Sexual Intercourse*

13.7% - 16.5%
16.6% - 18.1%
18.2% - 19.8%
19.9% - 22.8%
No Data

Among students who were currently sexually active

State Youth Risk Behavior Surveys, 2017

Percentage of High School Students Who Were Ever Tested for Human Immunodeficiency Virus (HIV),* by Sex,† Grade,† and Race/Ethnicity,† 2017
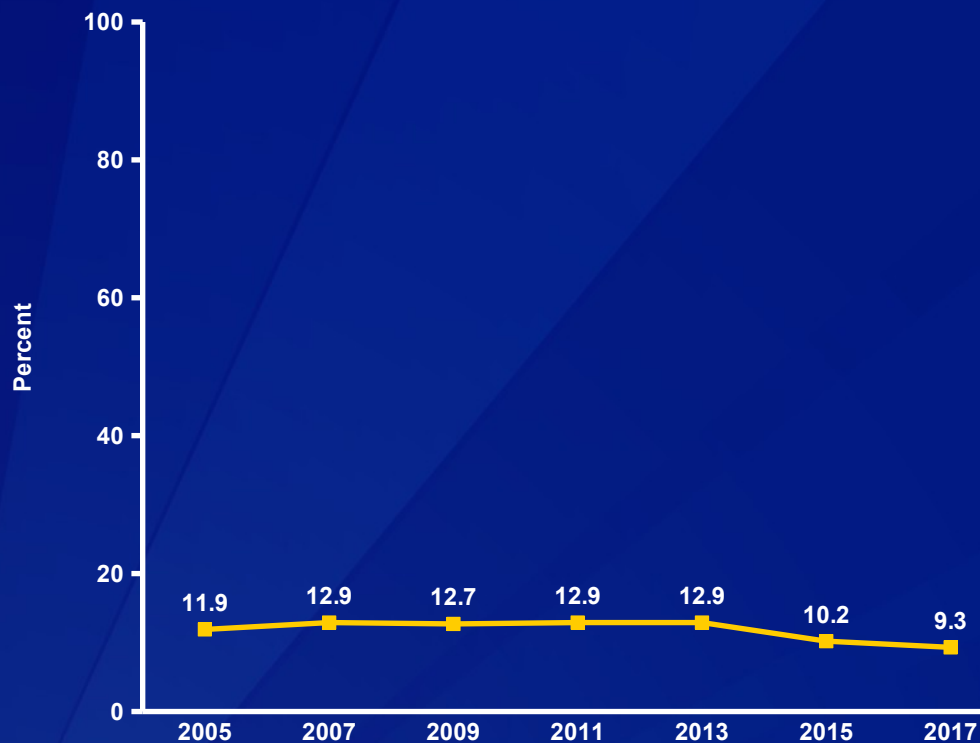
*Not counting tests done if they donated blood
†F > M; 10th > 9th, 11th > 9th, 11th > 10th, 12th > 9th, 12th > 10th, 12th > 11th; B > H, B > W (Based on t-test analysis, p < 0.05.)
All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
Note: This graph contains weighted results.

National Youth Risk Behavior Survey, 2017

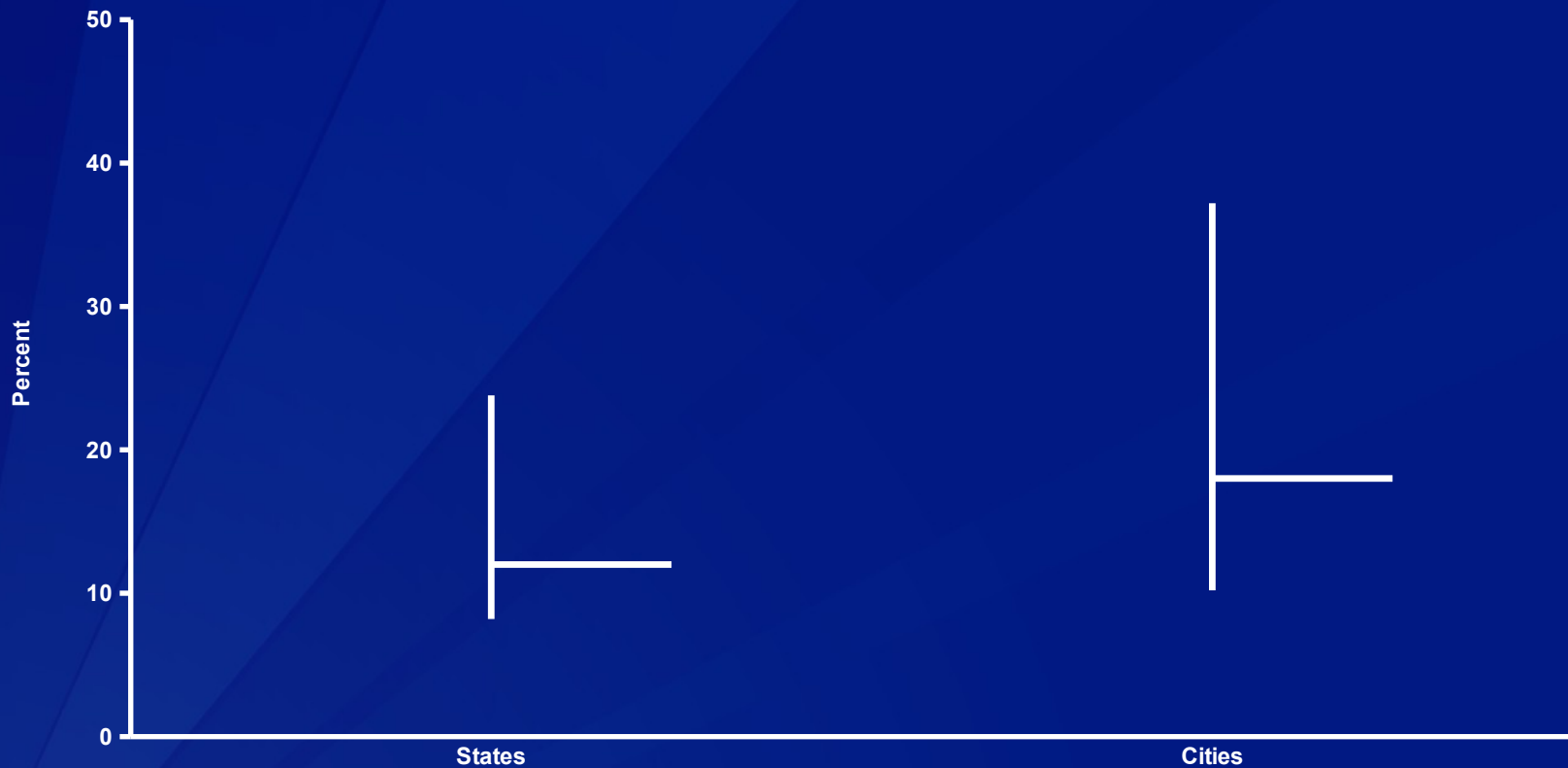# Percentage of High School Students Who Were Ever Tested for Human Immunodeficiency Virus (HIV),* 2005-2017†

*Not counting tests done if they donated blood
†Decreased 2005-2017, no change 2005-2013, decreased 2013-2017 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]
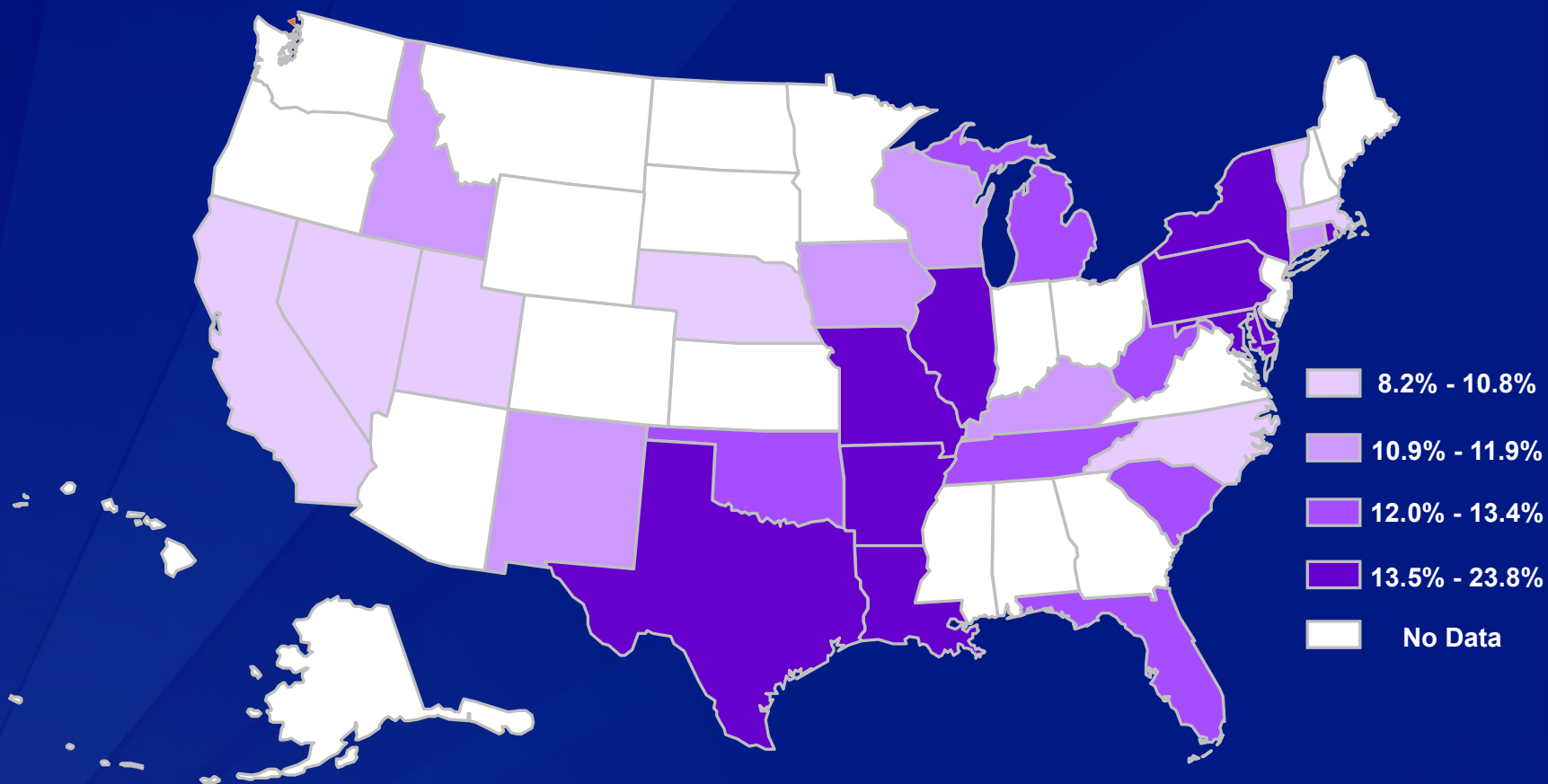Note: This graph contains weighted results.

Percentage of High School Students Who Were Ever Tested for Human Immunodeficiency Virus (Hiv)*

Legend:
- 8.2% - 10.8%
- 10.9% - 11.9%
- 12.0% - 13.4%
- 13.5% - 23.8%
- No Data

Not counting tests done if they donated blood

State Youth Risk Behavior Surveys, 2017