

Delta County

Karen O'Brien, Public Health Director

Presentation by West Central Public Health Partnership

Valeria Ayala Alonso, WCPHP Intern, MPH Candidate

Anabelle Faivre, WCPHP Intern, Bachelors Public Health Candidate

Margaret Wacker, MPH, WCPHP Coordinator

Erika Stoerkel, MPH, WCPHP Grants Coordinator

Agenda

- 1 **Welcome**
- 2 **County Data Report**
- 3 **Key Informant Interview**
- 4 **Community Survey**
- 5 **Next steps**

Regional Health Assessment Timeline

1

Secondary Data,
Key Informant
Interviews,
Community
Survey

2

Complete Health
Assessment by
December of
2022

3

Prioritization
Process: Winter
2022/2023

1

**1 Minute per
slide**

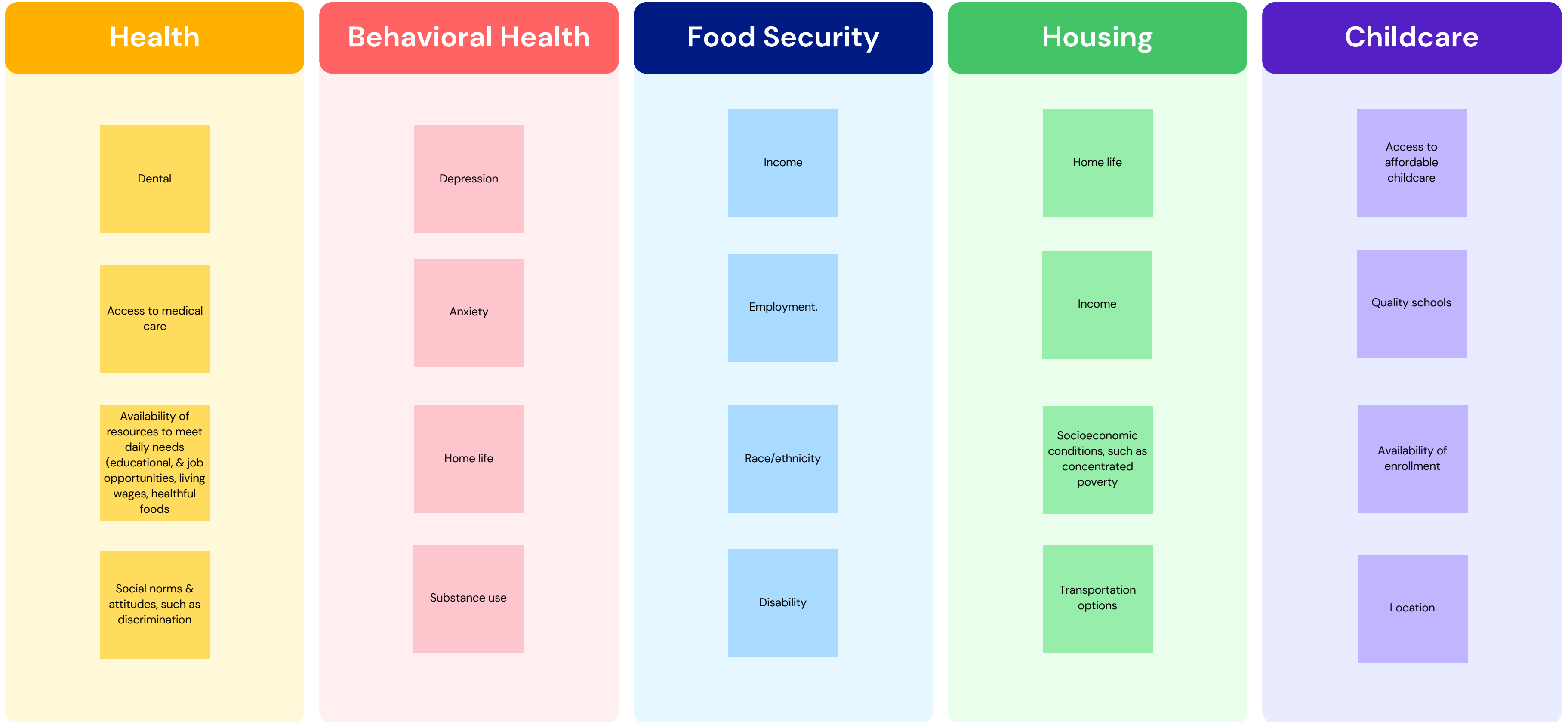
2

**Interactive
Presentation**

3

Ask questions

Framework



Framework

Health

Exposure to crime, violence, and social disorder, such as the presence of trash

Health Insurance

Aging

Mental Health

Social support and social interactions

Aging

Food Security

Population growth

Climate change

Increasing cost of food

Housing

Public Safety

Residential segregation

Aging

Childcare

Safety

Planned learning activities

Socioemotional skills

Availability of resources to meet daily needs



Social norms & attitudes, such as discrimination



Aging

Health

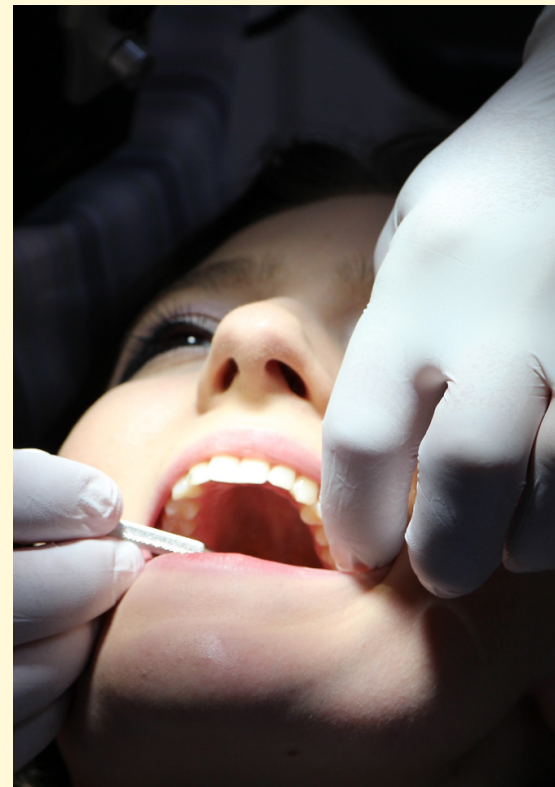
Health Insurance



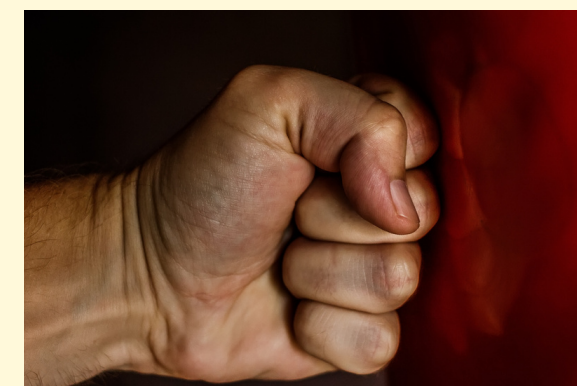
Access to medical care



Dental



Exposure to crime, violence, and social disorder, such as the presence of trash



Depression



Anxiety



Aging

Behavioral Health

Home Life



**Social Support
and social
interactions**



Substance abuse





Income



Climate change



Disability



Race/Ethnicity

Food Security

Employment



Increasing cost of food



Aging



Population growth



Home life



Socioeconomic conditions

Transportation options



Aging

Housing

Income



Public Safety



Residential Segregation





**Affordable
childcare**

Location



Safety

**Socioemotional
skills**



Quality schools



Childcare

**Availability of
enrollment**



Staff training

Planned learning activities



Data Sources



State of Colorado

**Colorado Health
Indicators Dataset**

**Health Equity
Compass**

**Community
Commons**

**Colorado
Children's
Campaign**

Kids Count

Data Considerations

COVID-19 pandemic

Race/ethnicity

Small numbers

Online data sources

Interest Areas



**Affordable &
Healthy
Housing**



**Behavioral &
Mental Health**



**Affordability &
Access to Care**



**Aging in Place
(Older Adult
Health)**

The image features a white background with decorative geometric shapes in the corners. In the top-right and bottom-left corners, there are overlapping triangles in shades of light blue and light green. The word "Demographics" is centered in a large, bold, black font.

Demographics

Demographics

Total Population

30,758

Population Change from 2010-2020

↑ Delta County: .79%

↑ Colorado: 14.8%

Source: Data Source: US Census Bureau, American Community Survey. 2016-20.

Demographics

Total Population by Race/Ethnicity

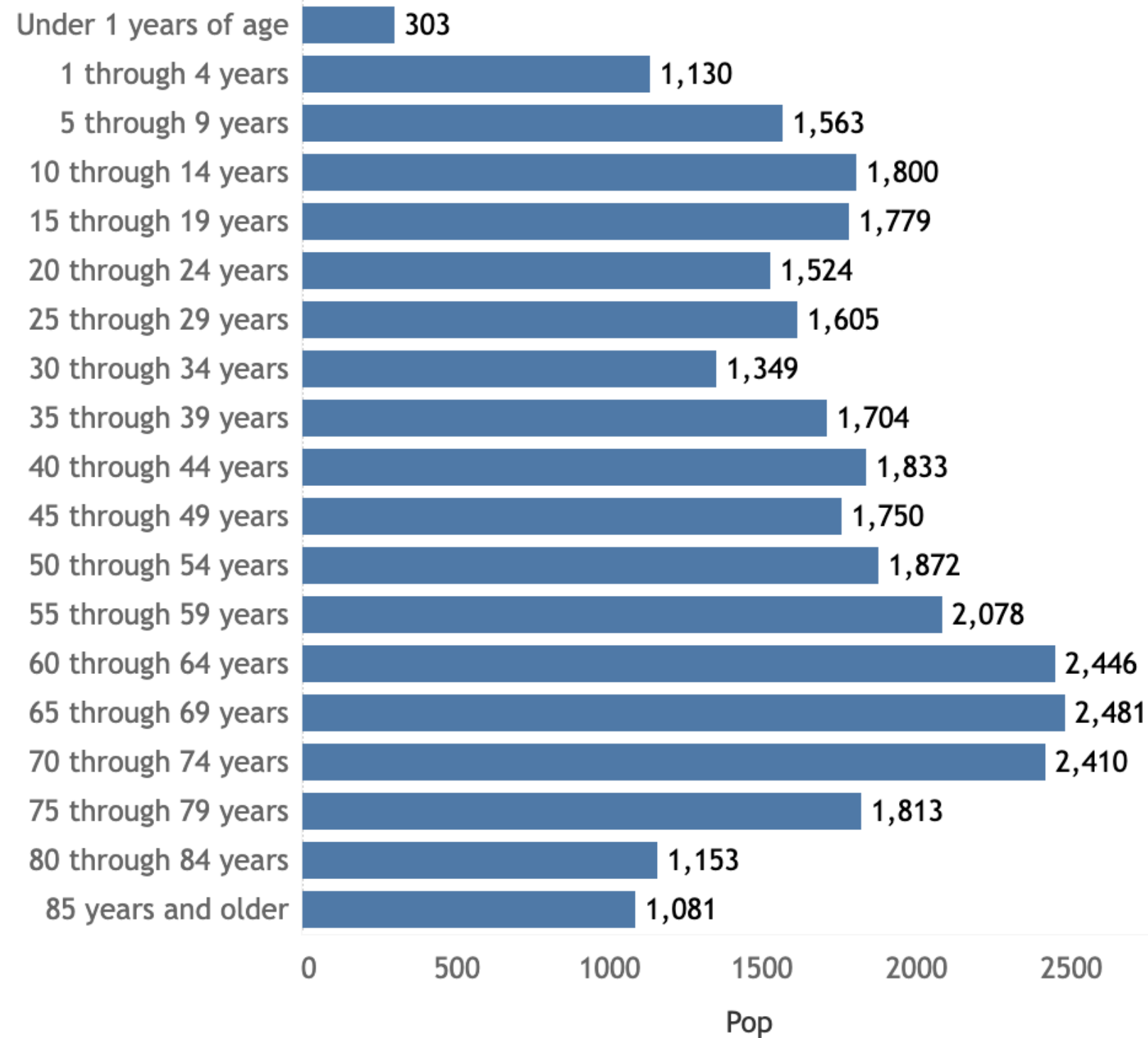
	Delta	Gunnison	Hinsdale	Montrose	Ouray	San Miguel	Colorado
Non-Hispanic White	80.81%	86.52%	86.43%	75.91%	93.19%	85.49%	67.50%
Non-Hispanic Black	0.65%	0.23%	1.66%	0.14%	1.55%	0.01%	3.94%
Non-Hispanic Asian	0.86%	0.38%	0.38%	0.82%	0.00%	1.39%	3.14%
Non-Hispanic Native American or Alaska Native	0.68%	1.03%	1.66%	1.15%	0.41%	0.95%	0.52%
Non-Hispanic Native Hawaiian or Pacific Islander	0.00%	0.00%	0.00%	0.13%	0.06%	0.00%	0.14%
Non-Hispanic Some Other Race	0.42%	0.13%	0.00%	0.02%	0.00%	0.21%	0.21%
Non-Hispanic Multiple Races	1.37%	2.16%	0.26%	1.24%	2.07%	1.04%	2.89%
Hispanic or Latino	15.23%	9.56%	9.60%	20.58%	2.72%	10.91%	21.66%

Source: Data Source: US Census Bureau, American Community Survey. 2016-20.

Demographics

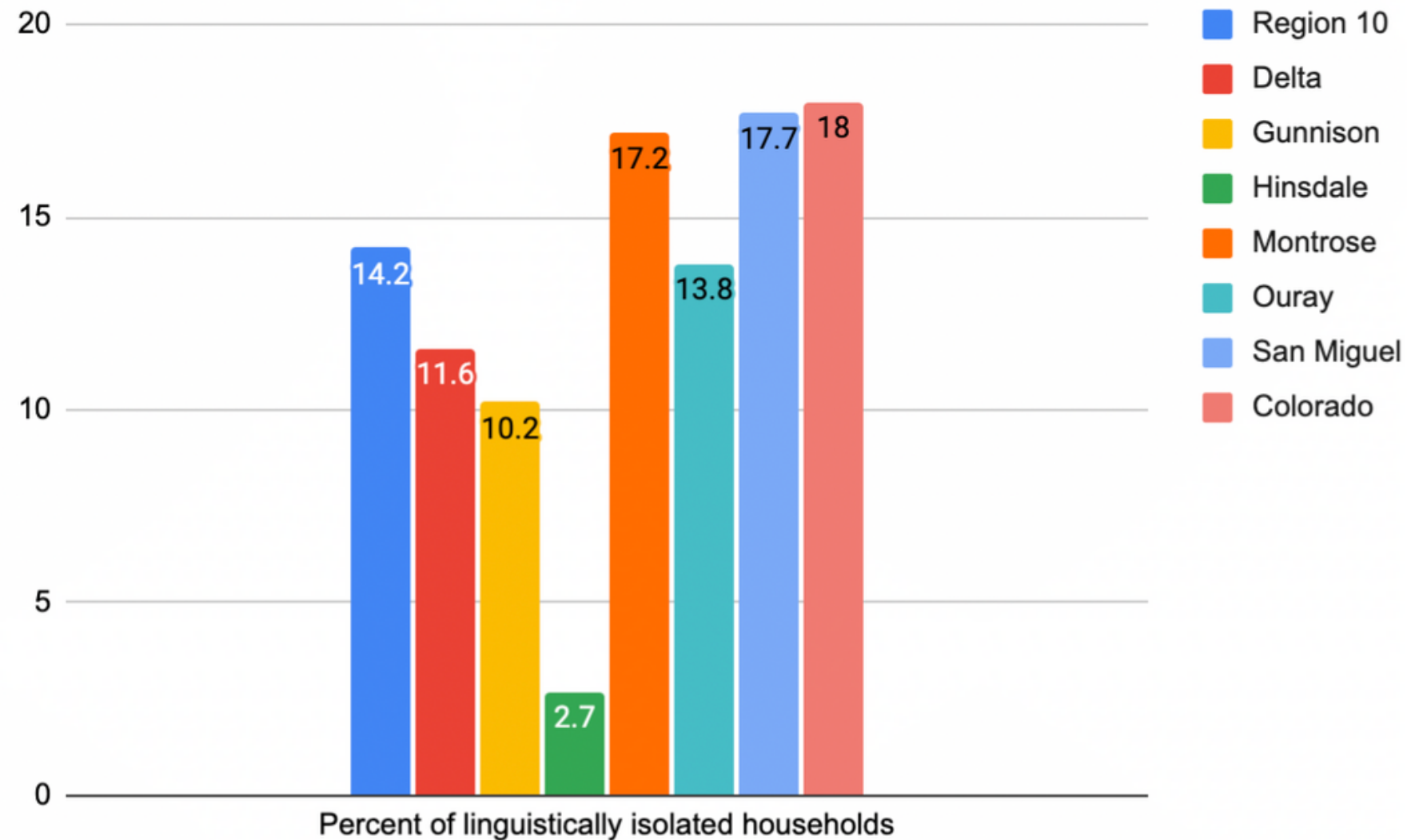
Delta County Population by Age

Age Groups



Demographics

Percent of Linguistically Isolated Households



Source: US Census Bureau, American Community Survey, 2015-19.

A limited English-speaking household is one in which all members 14 years old and over have at least some difficulty with English.

Region 10	14.2% (11.7, 15.7)
Delta	11.6% (8.3, 14.9)
Gunnison	10.2% (6.2, 14.2)
Hinsdale	2.7% (0, 11.7)
Montrose	17.2% (14.5, 19.8)
Ouray	13.8% (7.5, 20)
San Miguel	17.7% (12.5, 22.9)
Colorado	18% (17.7, 18.3)

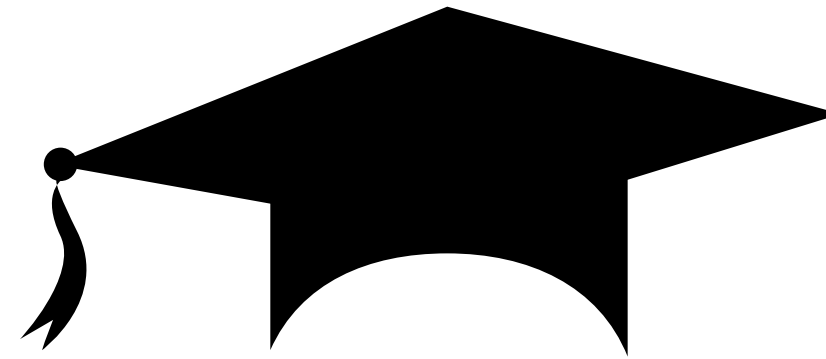
Demographics

Population Age 25+ with Bachelor's Degree or Higher, Percent



Delta County: 21.73%
Lower than the state (41.60)%

Source: US Census Bureau, American Community Survey. 2016-20.



Population Age 25+ with No High School Diploma, Percent



Delta County: 10.23%
Higher than the state (7.92)%

Source: US Census Bureau, American Community Survey. 2016-20.

Demographics

Population Age 3-4 Enrolled in School, Percent



Delta County: 32.58%

Lower than the state (48.54%)

Source: US Census Bureau, American Community Survey. 2016-20.



Graduation Rate



Delta County: 84.3%

Higher than the state (81.70%)

Source: Data Source: US Department of Education, EDFacts. 2020-2021.

Colorado's child care system has long been under-resourced. The pandemic exacerbated existing workforce and affordability challenges.



According to the National Association for the Education of Young Children, in mid-2021:

80%
of Colorado child
care centers
surveyed reported
a staffing shortage

47%
were serving fewer children

40%
were unable to open classrooms

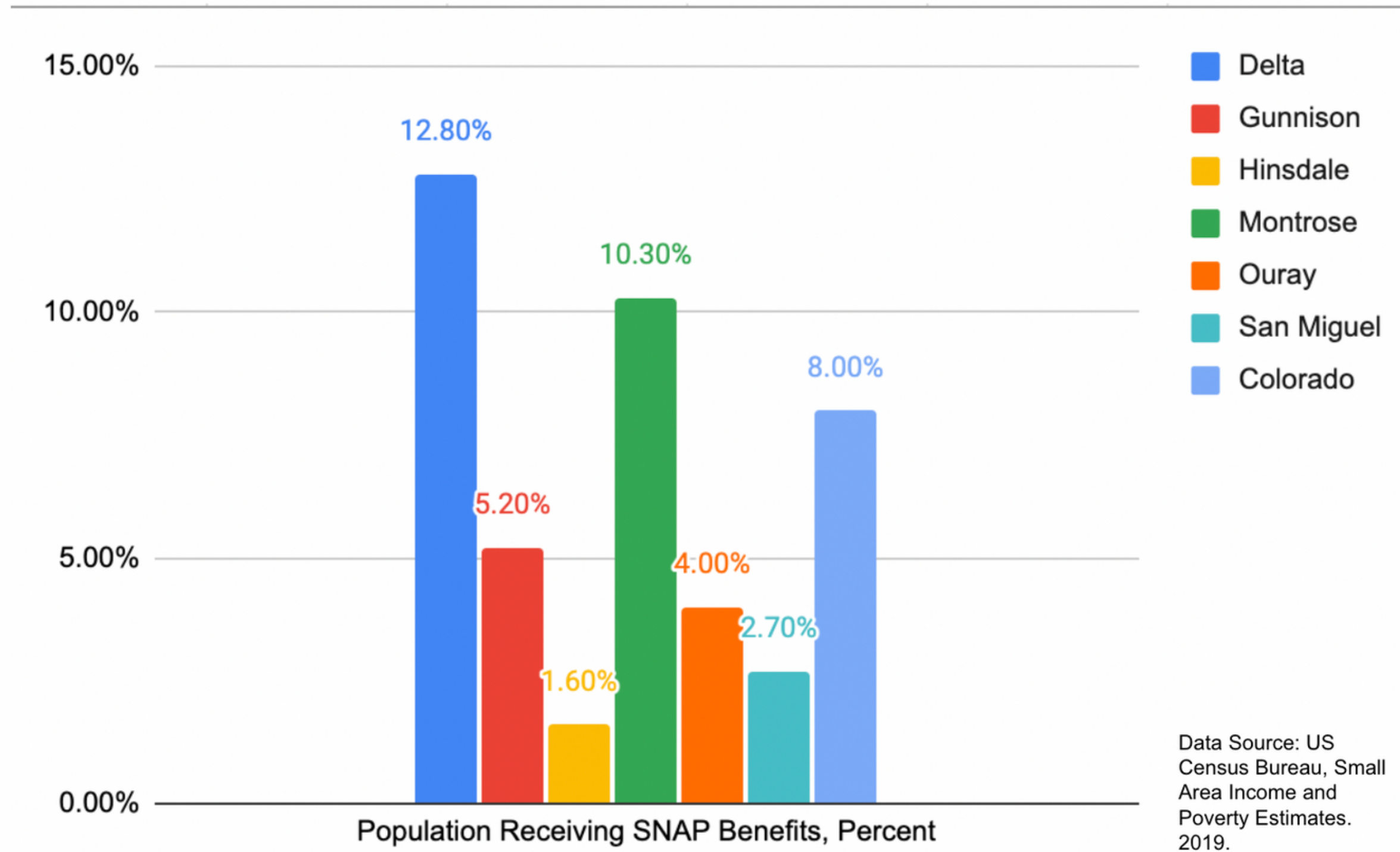
34%
had longer waitlists

26%
had to reduce operating hours

The image features a white background with decorative geometric shapes in the corners. In the top-right corner, there are overlapping triangles in light blue and light green. In the bottom-left corner, there are overlapping triangles in light green and light blue. The central text is a large, bold, black sans-serif font.

Socioeconomic Factors

Socioeconomic Factors



Socioeconomic Factors

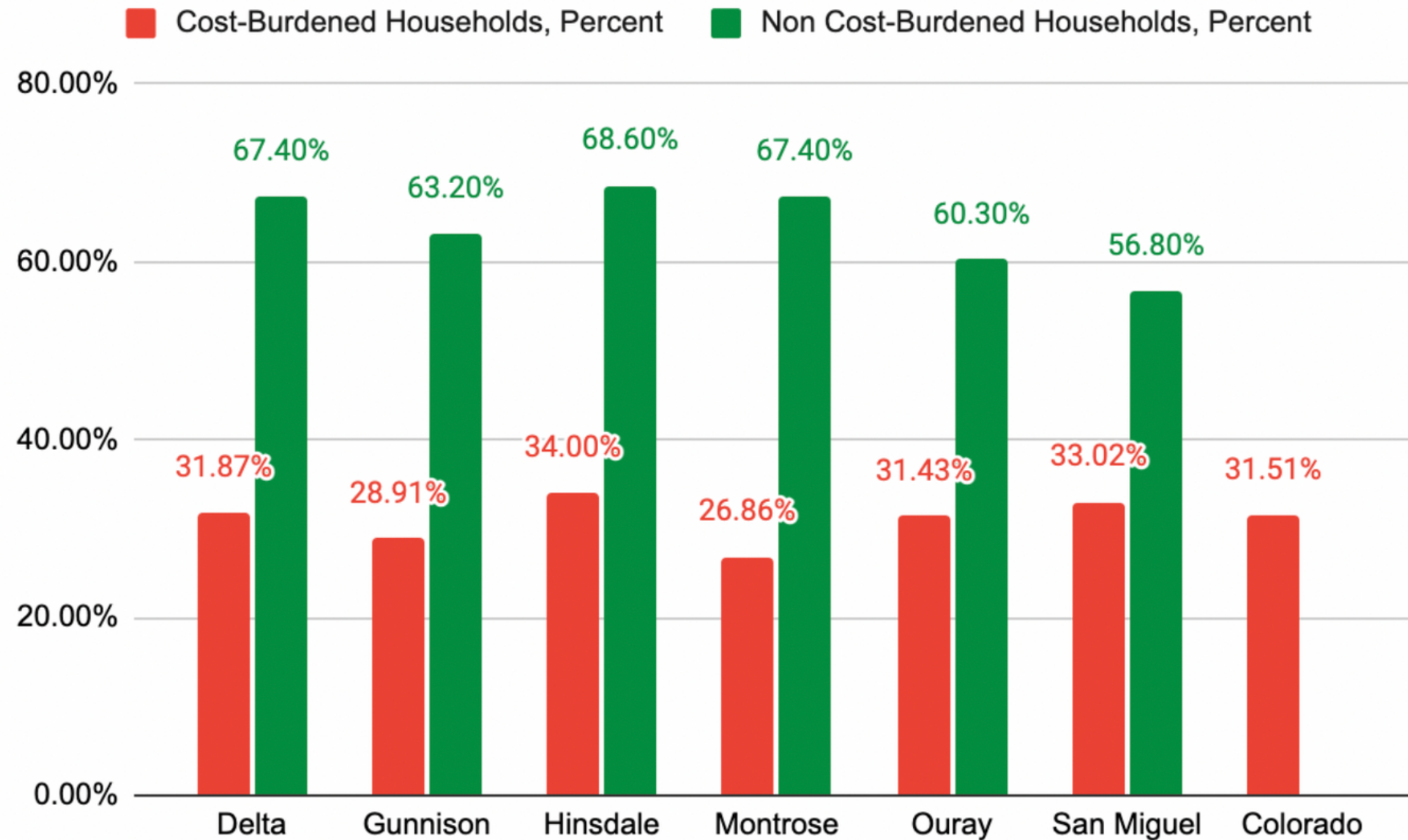
Percent Change in Poverty Level

	Percent Change in Poverty Level
Delta	-5.40%
Gunnison	-0.60%
Hinsdale	-6.40%
Montrose	0.40%
Ouray	5.20%
San Miguel	-2.70%

Change in the percentage of households with incomes twice the federal poverty level from 2012 to 2017.

Source: Colorado Equity Compass

Affordable/Healthy Housing



Source: US Census Bureau, American Community Survey, 2016-20.

The image features a white background with decorative geometric shapes in the corners. In the top-right corner, there are two overlapping triangles: a larger light blue one and a smaller light green one. In the bottom-left corner, there are also two overlapping triangles: a larger light blue one and a smaller light green one. The text 'Affordable Housing' is centered in the middle of the page.

Affordable Housing

Affordable/Healthy Housing

Percent of renter-occupied housing units with gross rent 50% or greater of household income in the past 12 months



Delta County: 31.1%
Colorado: 23%

Occupied Housing Units with One or More Substandard Conditions, Percent



Delta County: 33.09%
Colorado: 31.9%

Data Source: US Census Bureau, American Community Survey. 2016-20.

Percent of renter-occupied housing units



Delta County: 25.6%
Colorado: 32.5%

Affordable/Healthy Housing

County	Housing Affordability
Delta	41.6%
Gunnison	48.9%
Hinsdale	34.8%
Montrose	45.3%
Ouray	32.7%
San Miguel	43.8%

Source: Colorado Equity Compass

This is the percentage of housing that is affordable for median income households. Having higher housing affordability is associated with more positive health outcomes.

The image features a white background with decorative geometric shapes in the corners. In the top right, there are overlapping triangles in light blue and light green. In the bottom left, there are overlapping triangles in light blue and light green. The central text is in a bold, black, sans-serif font.

Behavioral/Mental Health

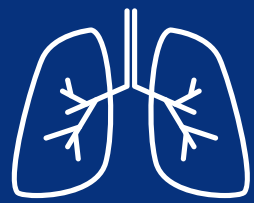
Behavioral/Mental Health

Delta County

2017
Priority

Adult Current Smokers*

Age Adjusted



19.4%

Colorado 13.9%

Source: BRFSS, SparkMap*

2019

Binge Drinking



16%*



Colorado
19.1%

Source: BRFSS, COHID VISION *

2016-2018

No Leisure Time Activity*

Light moderate physical activity



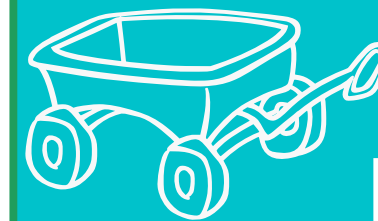
17.4%

Colorado 16.4%

Source: BRFSS, SparkMap*

2019

Child Maltreatment Rate



17.8

per 100,000



2019

Colorado
9.7

per 100,000

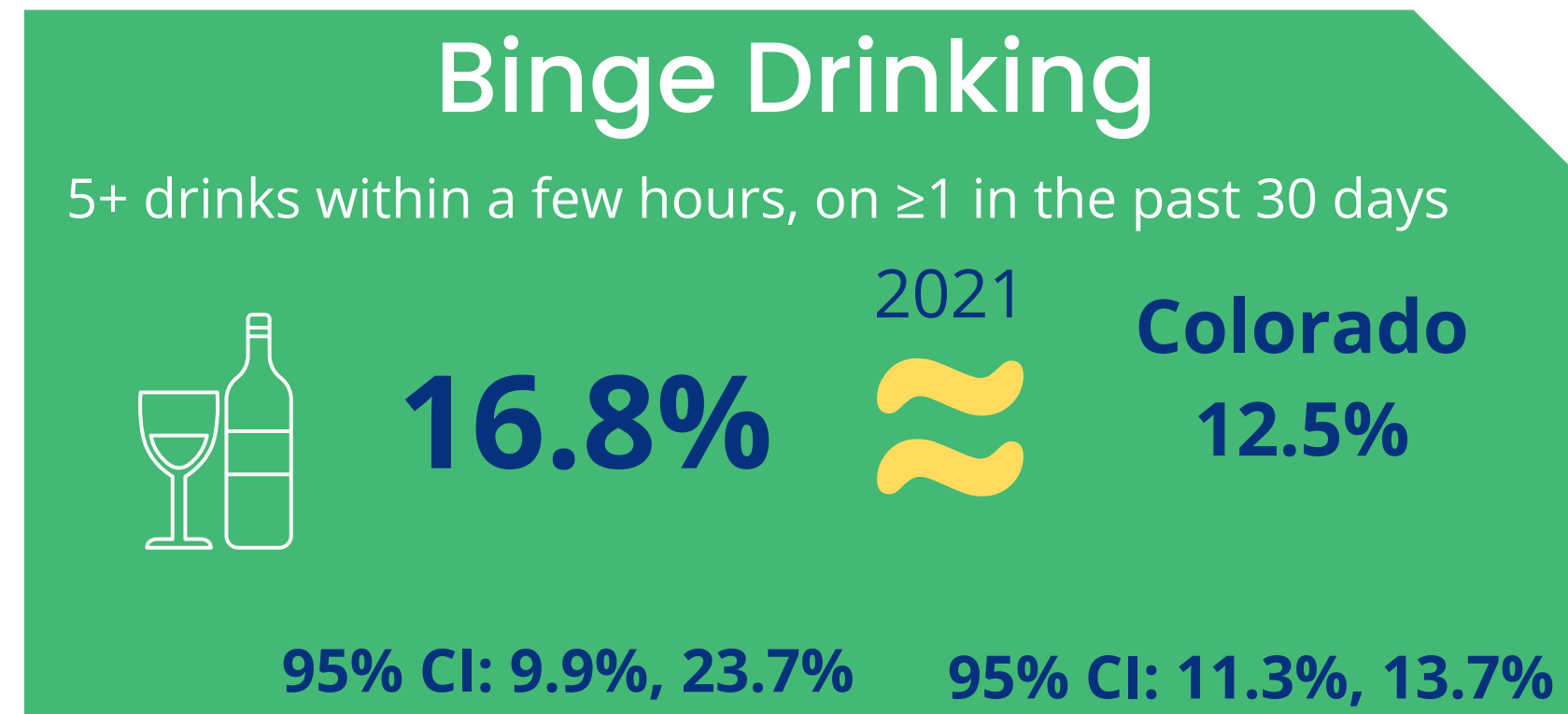
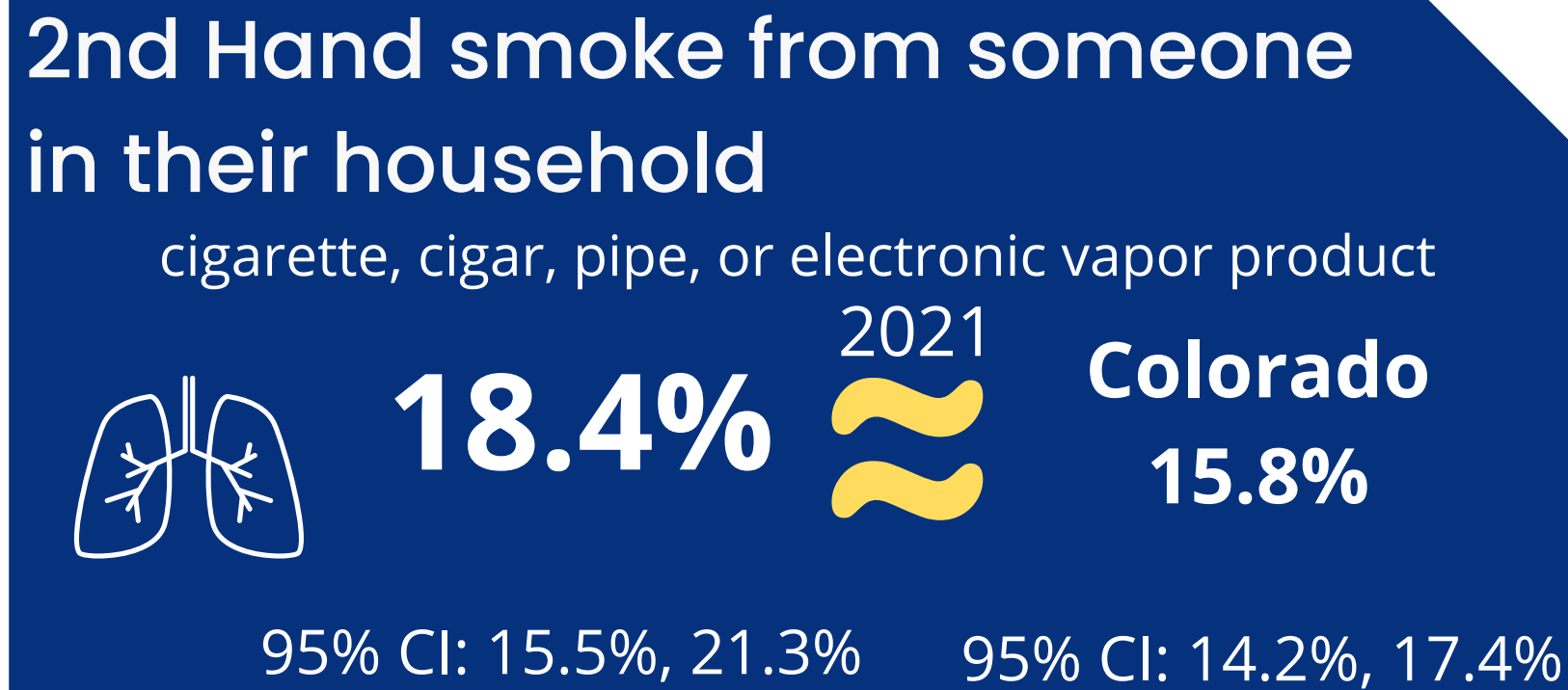
Source: Colorado Department of Human Services, COHID

*Data may be unreliable

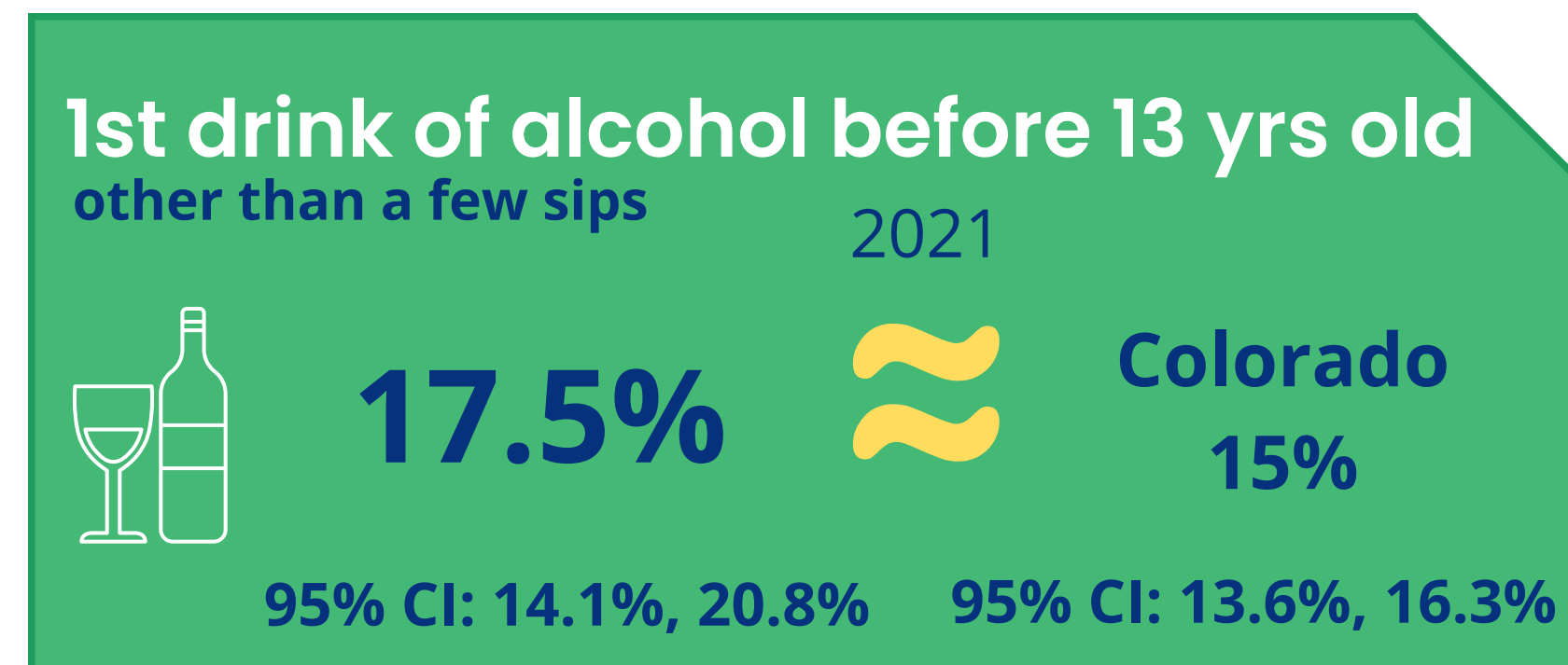
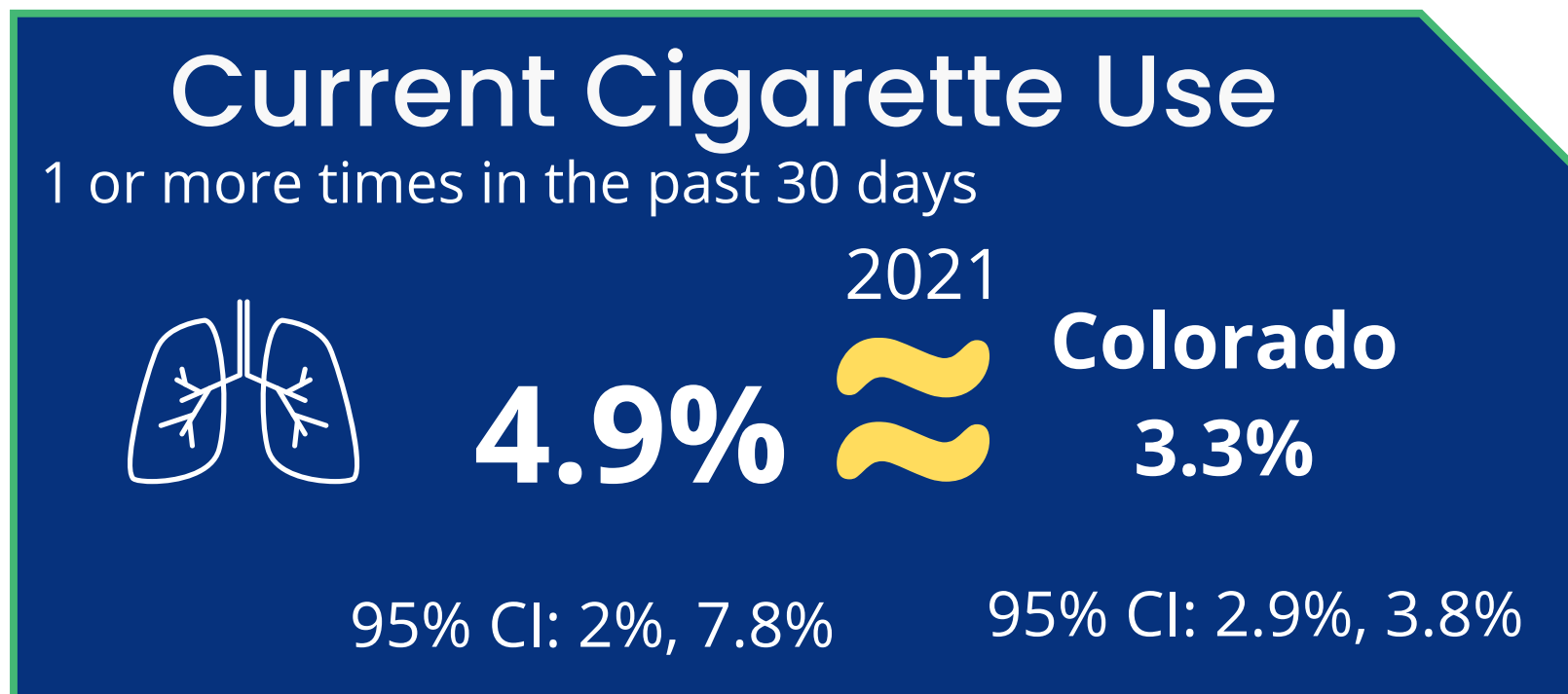
Region 10

Behavioral/Mental Health

Middle School & High School Students



Source: Healthy Kids Colorado Survey



Region 10

Behavioral/Mental Health

Middle School & High School Students

Current Electronic Vapor Use



34.9%

2021
≈

Colorado
30.4%

95% CI: 29.8%, 40%

95% CI: 29.1%, 31.7%

Attempted Suicide

1 or + times in the last 12 months



6.7%

2021
≈

Colorado
7.2%

95% CI: 5%, 8.3%

95% CI: 6.8%, 7.7%

Source: Healthy Kids Colorado Survey

Physical Activity

Total of at least 1hr per day on 5 or more in the past 7 days



58.2%

2021
↑

Colorado
49%

95% CI: 55.2%, 61.2%

95% CI: 45%, 53%

Felt Sad or Hopeless

almost every day for 2 wks or + in a row they stopped doing usual activities



33.5%

2021
≈

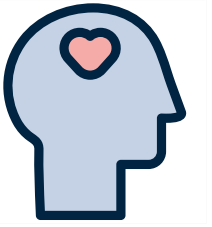
Colorado
39.6%

95% CI: 31.5%, 35.5%

95% CI: 37.6%, 41.7%

Mental Health

Delta County



Age-Adjusted Rate of Mental Health diagnosed Hospitalizations



2,437
per 100,000

**Lower than the state
(2,838 per 100,000)**

Source: Behavioral Risk Factor Surveillance System, COHID

Age-adjusted suicide rate per 100,000				
	2009-2012	2013-2016	2017-2020	Total Count
Delta	20.7	34.2	26.3	107
Gunnison	11.5	30.5	31.0	51
Hinsdale	*	*	*	*
Montrose	19.5	17.4	32.8	124
Ouray	*	36.8	31.5	17
San Miguel	10.5	18.0	12.2	15
Colorado	18.1	19.4	21.3	13,127

Source: Colorado Vital Statistics Program (Death Certificate)

*values suppressed

The image features a white background with decorative geometric shapes in the corners. In the top-right corner, there are two overlapping triangles pointing downwards, one in a light blue color and one in a light green color. In the bottom-left corner, there are two overlapping triangles pointing upwards, one in a light blue color and one in a light green color. The text is centered in the middle of the page.

Health Eating Active Living

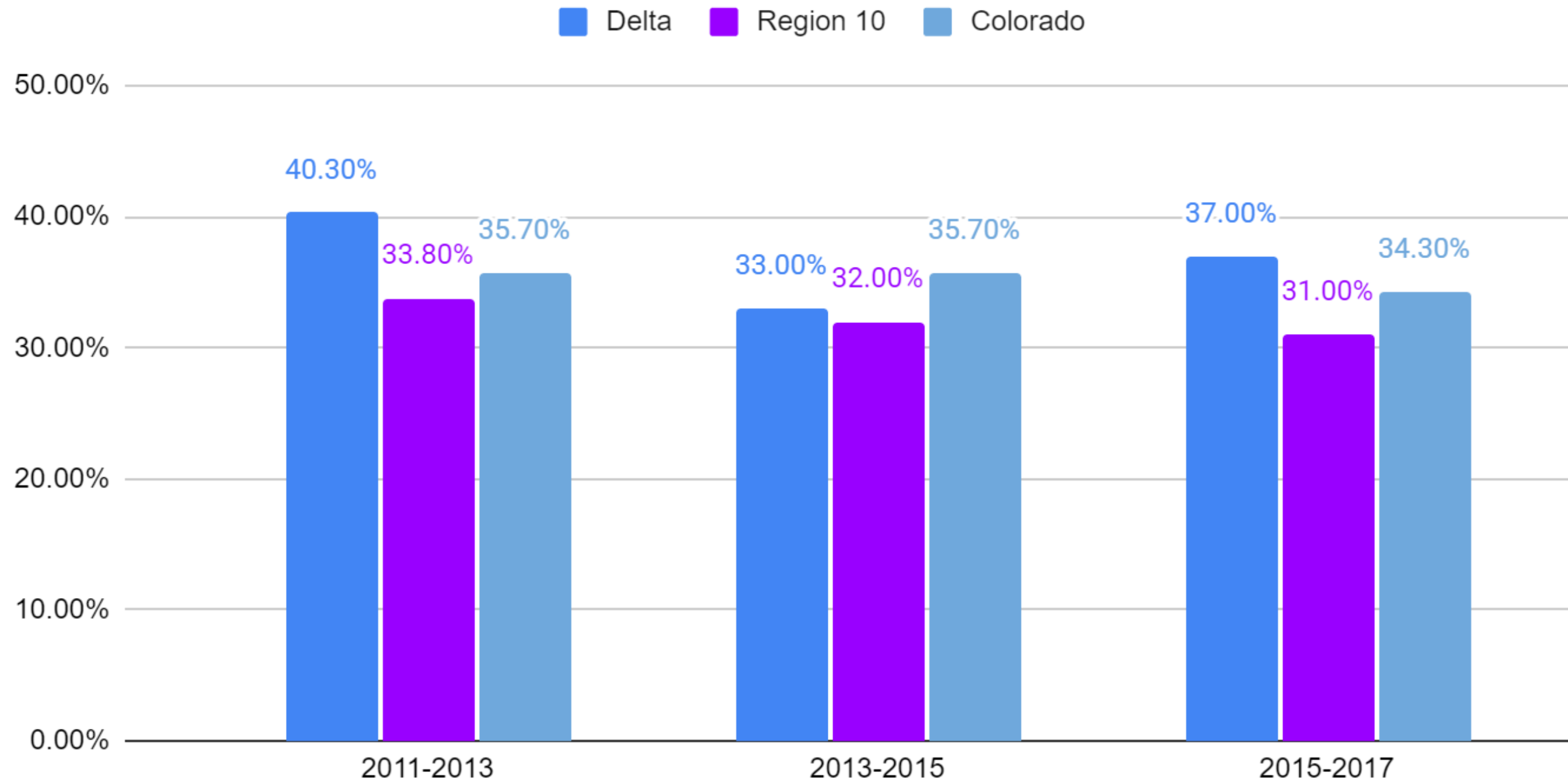


Healthy Eating Active Living

2017
Priority

No significant trends. Constant over time

Fruit Consumption Less Than 1 Time per Day



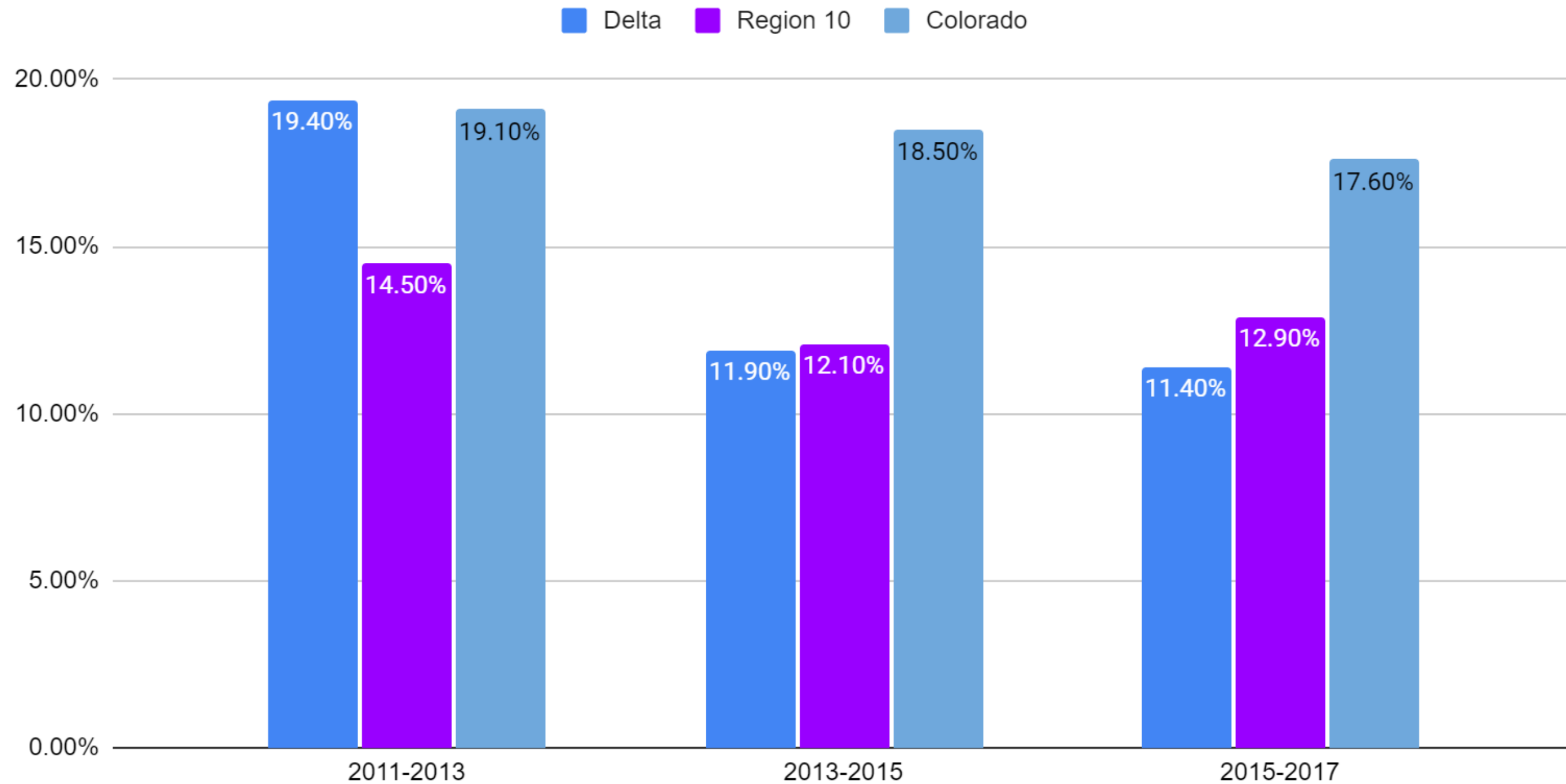
Delta



Healthy Eating Active Living

Decreasing over time.

Vegetable Consumption less than 1 Time per Day



Healthy Eating Active Living

2017
Priority

Over time, overweight and obesity is increasing for adults.

No significant trends with high school students.

Percent of Overweight or Obese High School & Middle School Students				
	2013 (95% CI)	2015 (95% CI)	2017 (95% CI)	2019 (95% CI)
Region 10	21.5% (13.4, 29.6)	24.7% (20.7, 28.7)	18.7% (16.2, 21.3)	21% (18.1, 23.8)
Colorado	19.3% (18, 20.7)	20.8% (18.4, 23.2)	22% (20.6, 23.3)	21.6% (20.5, 22.7)

Source: Healthy Kids Colorado Survey

Percent of Overweight or Obese Adults			
	2012-2014	2014-2016	2016-2018
Delta	60.9%	62.8%	65.2%
Gunnison	49.9%	45.8%	40.1%
Hinsdale	*	*	*
Montrose	55.8%	59.5%	61%
Ouray	40.9%*	45.1%*	*
San Miguel	38.3%*	40%*	*
Region 10	54.7%	56.8%	55.6%
Colorado	56.8%	57.4%	58.5%

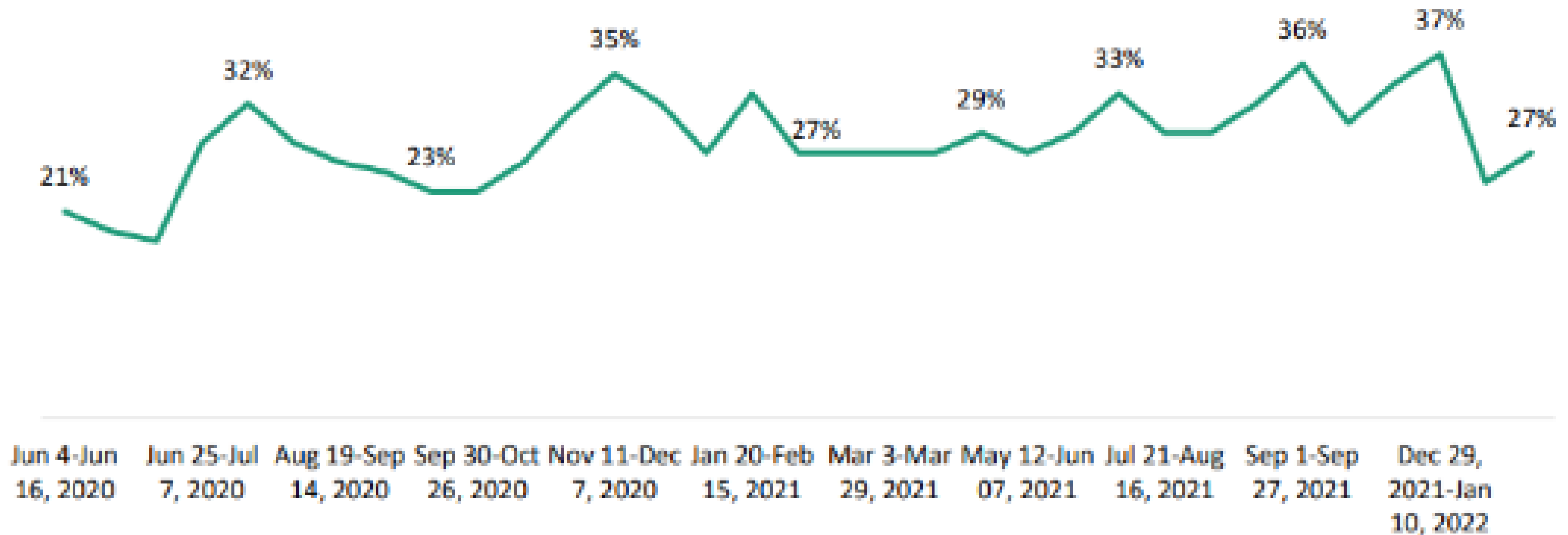
Data: Visual Information System for Identifying Opportunities & Needs, Behavioral Risk Factor Surveillance System (BRFSS)

* Unreliable or suppressed estimates

At some points during the pandemic, nearly 2 in 5 households with children reported their kids weren't eating enough because food was unaffordable.



Colorado households with children where children were not eating enough because food was unaffordable, June 2020—March 2022

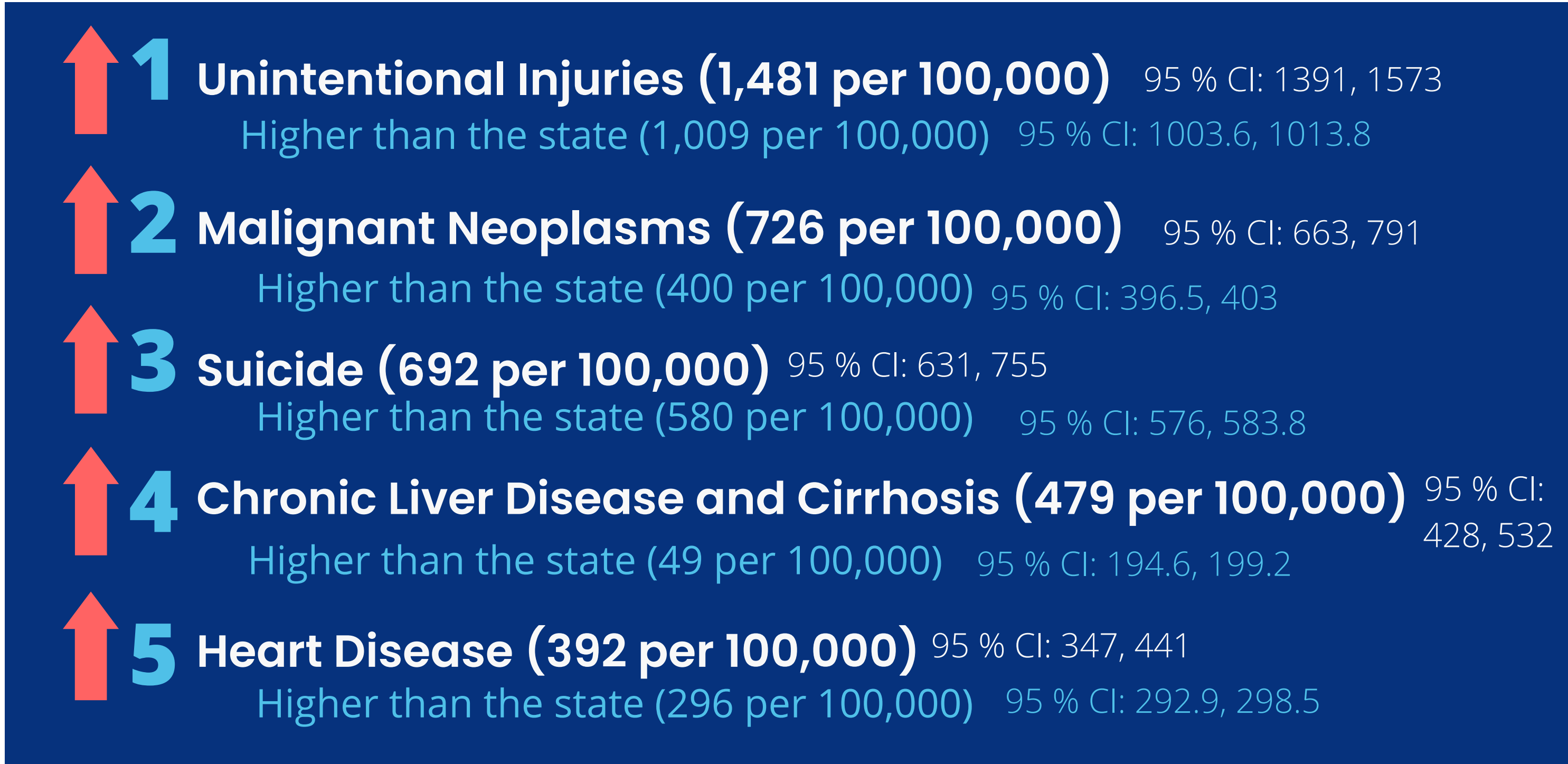


Source: Population Reference Bureau analysis of data from the U.S. Census Bureau. Household Pulse Survey, 2020-2022.

The image features a white background with decorative geometric shapes in the corners. In the top-right and bottom-left corners, there are overlapping triangles in shades of light blue and light green. The word "Mortality" is centered in a large, bold, black font.

Mortality

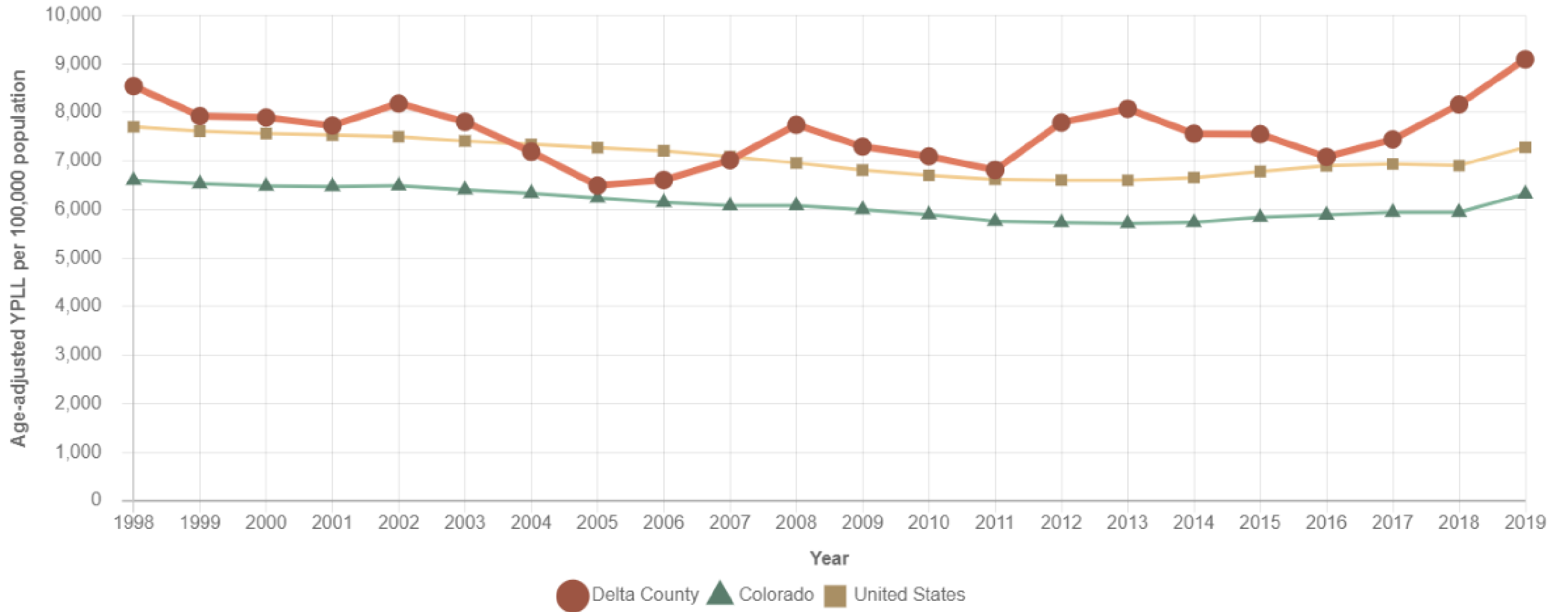
Top 5 Leading Cause of Years of Potential Life Lost (YPLL) (measure of premature mortality)



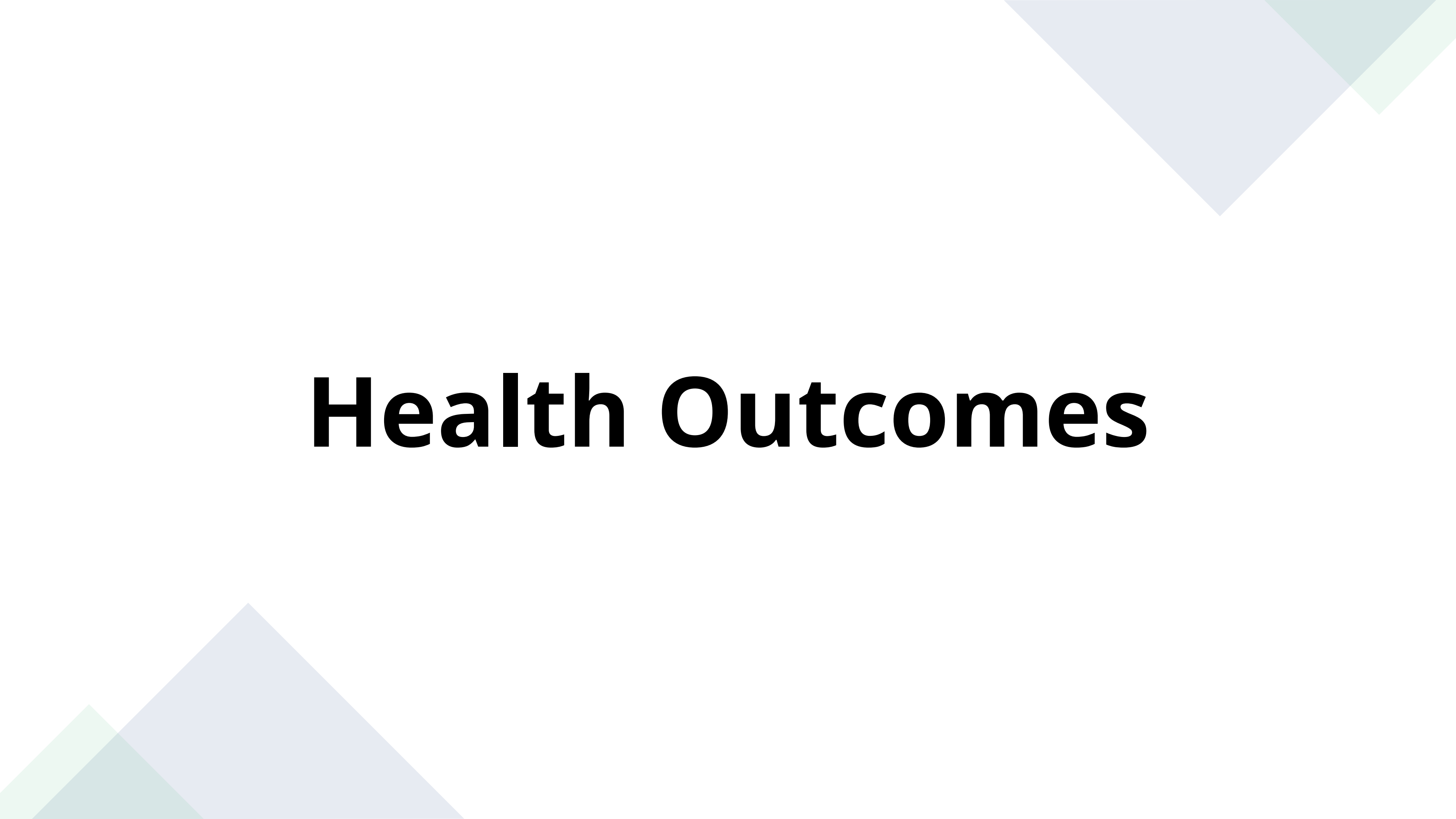
Mortality

Premature death in Delta County, CO Years of Potential Life Lost (YPLL): county, state and national trends

No significant trend was found in Delta County for this measure.



Notes:
Each year represents a 3-year average around the middle year (e.g. 2015 is the middle year of 2014-2016).

The image features a white background with decorative geometric shapes in the corners. In the top-right corner, there are overlapping triangles in shades of light blue and light green. In the bottom-left corner, there are overlapping triangles in shades of light green and light blue. The text 'Health Outcomes' is centered in the middle of the page.

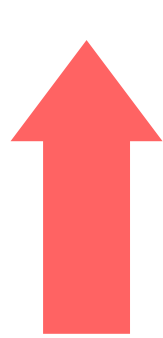
Health Outcomes

Delta County

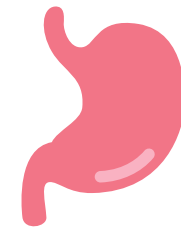
Age-adjusted Cancer Rates

Top 3 Cancer Sites (2015-2019)

Higher than State
69 per 100,000



95% CI: 67.67, 69.56



86

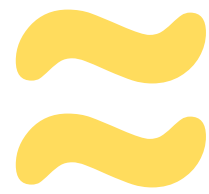
per 100,000

Digestive system Cancer

Case Rate

95% CI: 73.95, 98.1

Similar to state
67.8 per 100,000



59

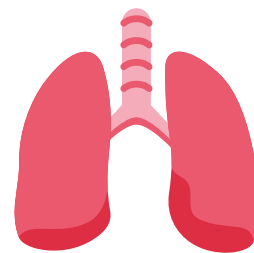
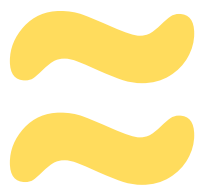
per 100,000

Breast Cancer Case Rate

95% CI: 48.88, 69.8

95% CI: 66.86, 68.75

Similar to state
42 per 100,000



48

per 100,000

Respiratory system Cancer

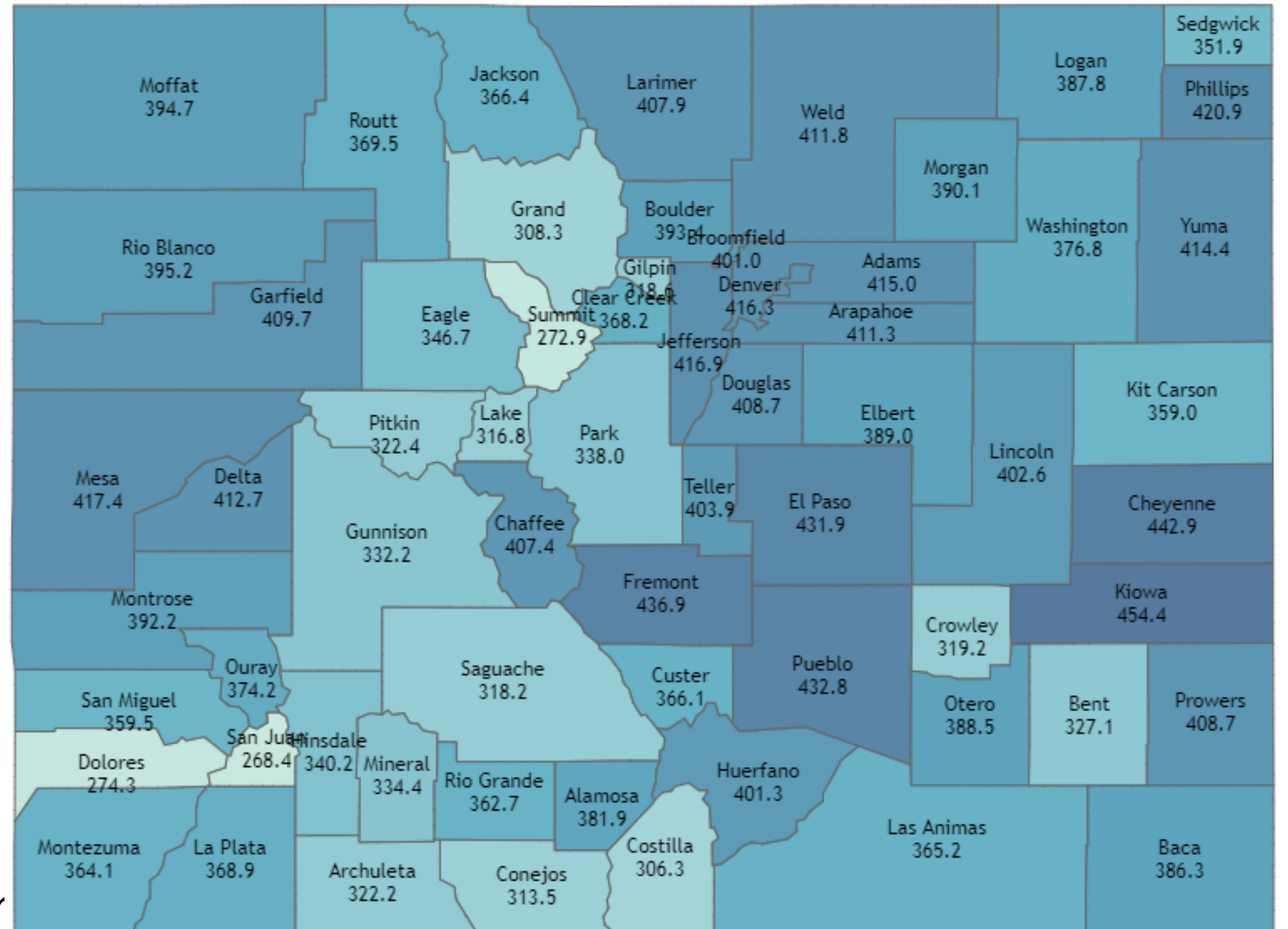
Case Rate

95% CI: 39.57, 56.4)

95% CI: 41.52, 43.01

Health Outcomes

All Cancer Site Cases (2009-2019): 412.7 per 100,000



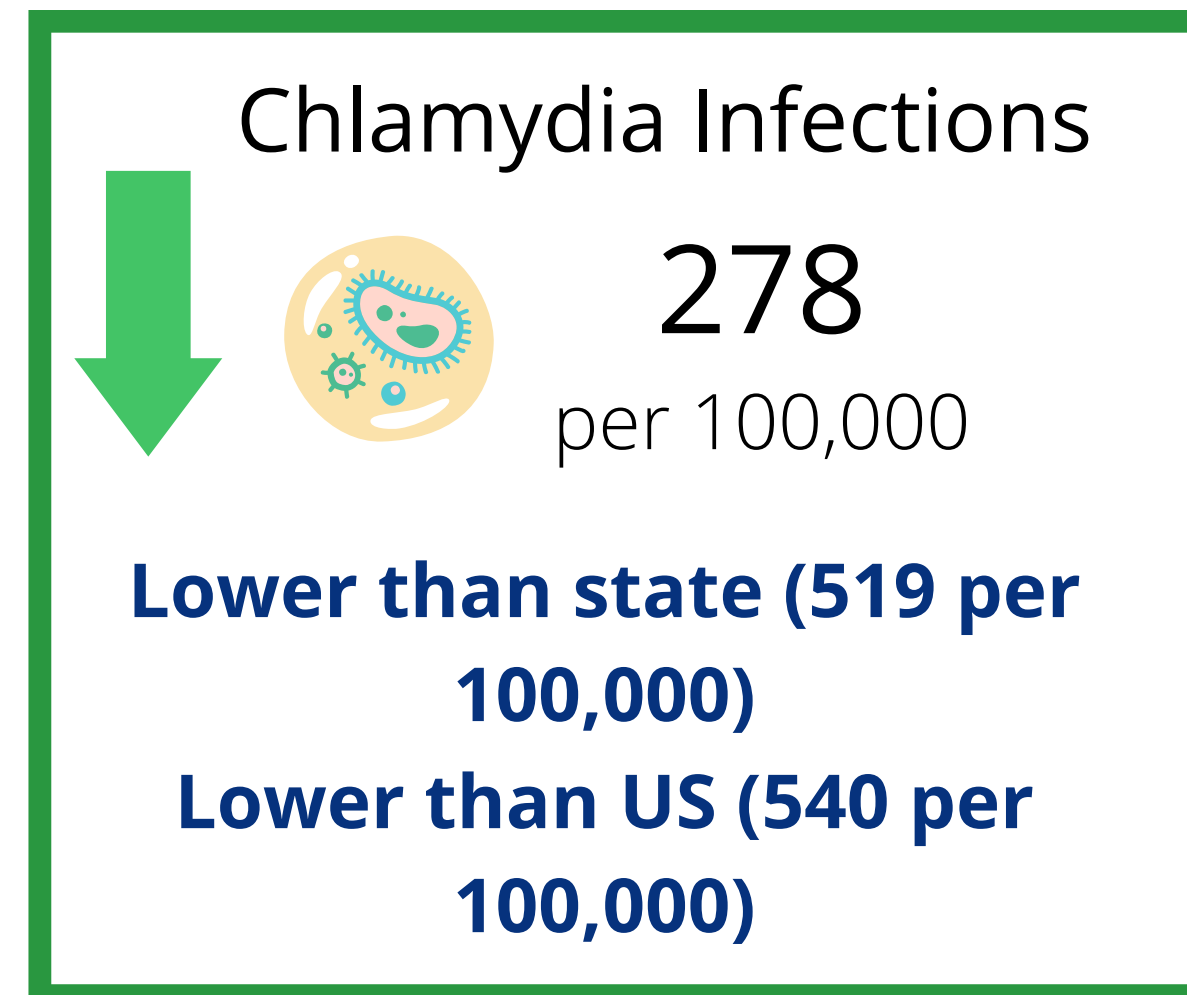
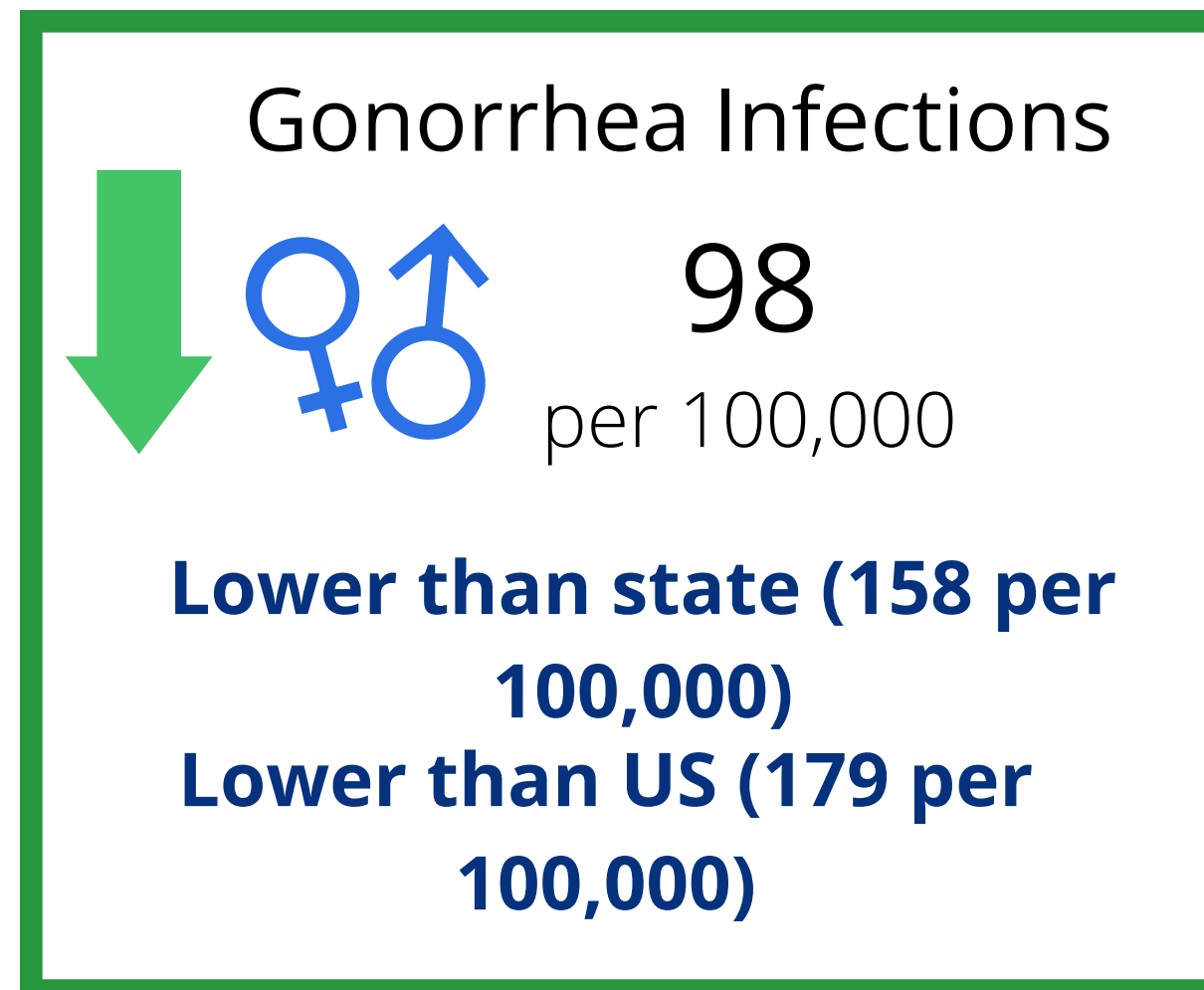
Source: Colorado Central Cancer Registry, COHID

Health Outcomes

Sexually Transmitted Diseases/Infections

(STD/STI Rates, 2018)

Delta County



The image features a white background with decorative geometric shapes in the corners. In the top-right and bottom-left corners, there are overlapping triangles in shades of light blue and light green. The text 'Health Insurance' is centered in a large, bold, black font.


Health Insurance

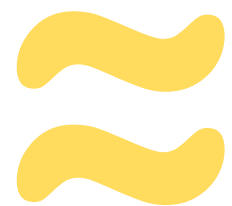
Access to care


Insurance


Delta County



 **13.2%** Adults without Health Insurance coverage
Higher than the state (10.8%)
95% CI Delta: 11.5, 14.9 95% CI CO: 10.4, 11.2
Source: Small Area Health Insurance Estimates, COHID

 **7.3%** Children without Health Insurance coverage
Similar to the state (5.7%)
95% CI Delta: 5.4, 9.2 95% CI CO: 5.2, 6.2
Source: Small Area Health Insurance Estimates, COHID

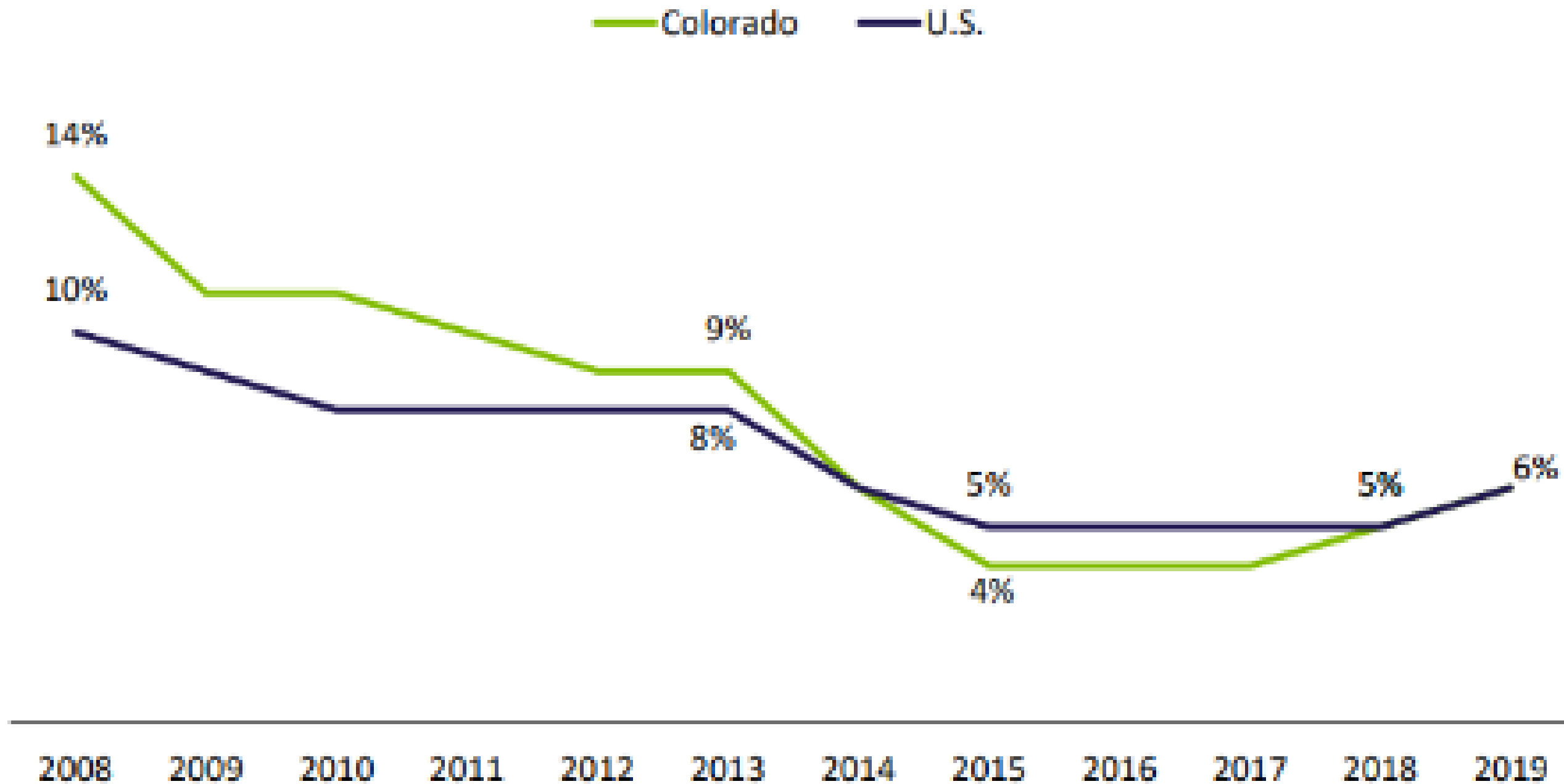
 **56.1%** Adults who visited the dentist in the past year
Lower than the state (67.3%)
95% CI Delta: 48, 64.2 95% CI CO: 66.6, 67.9
Source: Colorado Health Institute, COHID

 **13.6%** Children eligible but not enrolled in Medicare or CHP+
Higher than the state (6.3%)
Source: Behavioral Risk Factor Surveillance System, COHID

Colorado's important progress with reducing the child uninsured rate had stalled in the years before the pandemic



Children under 19 who were uninsured, 2008-2019



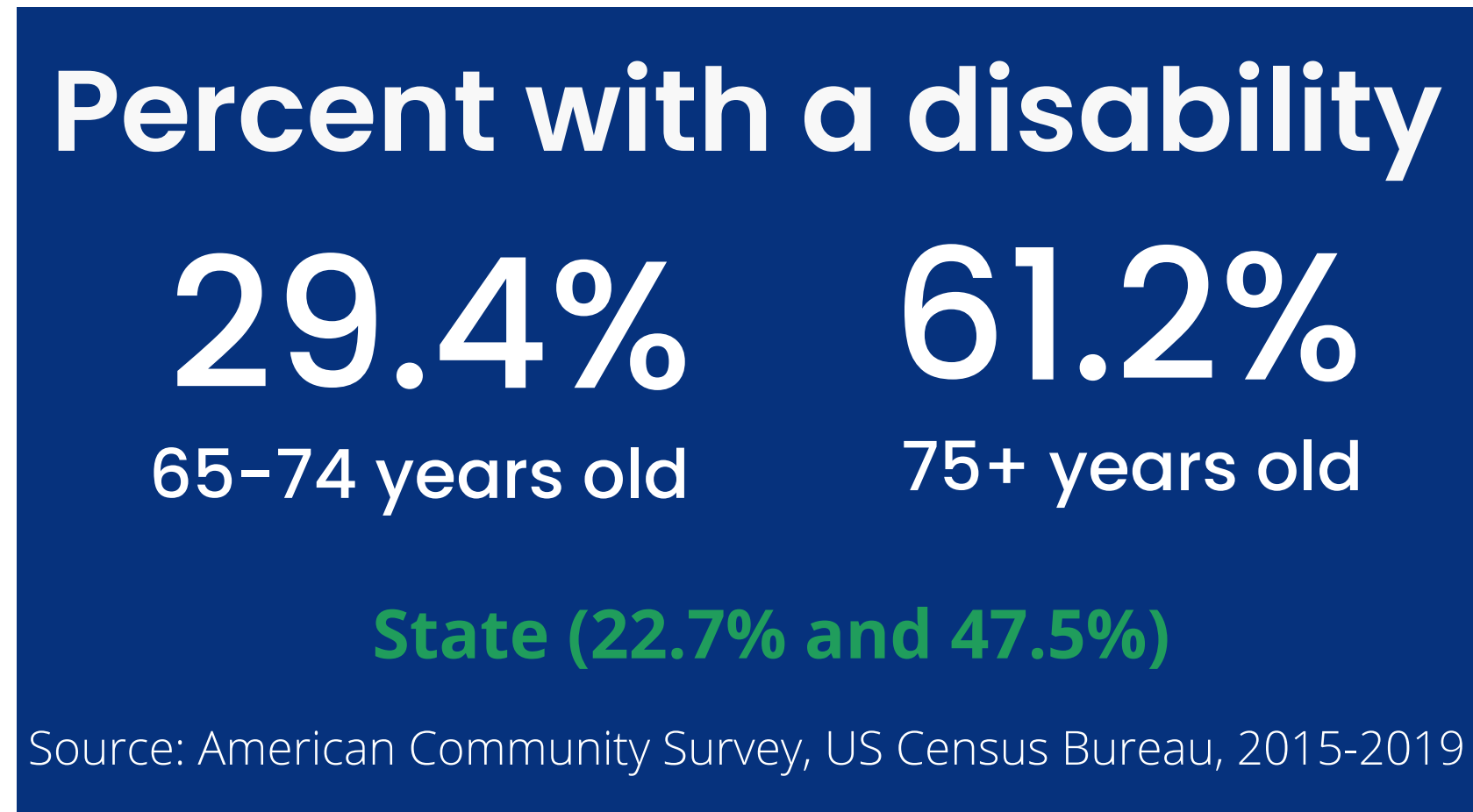
Source: U.S. Census Bureau, Health Insurance Historical Tables.

The image features a white background with decorative geometric shapes in the corners. In the top-right and bottom-left corners, there are overlapping triangles in shades of light blue and light green. The word "Aging" is centered in a large, bold, black font.

Aging

Aging in Place (Older Adult Health)

Delta County



Ambulatory difficulty

65 and older



21.5%

**State
(18.2%)**

Source: American Community Survey, US Census Bureau, 2016-2020

Independent Living Difficulty

65 and older



15.3%

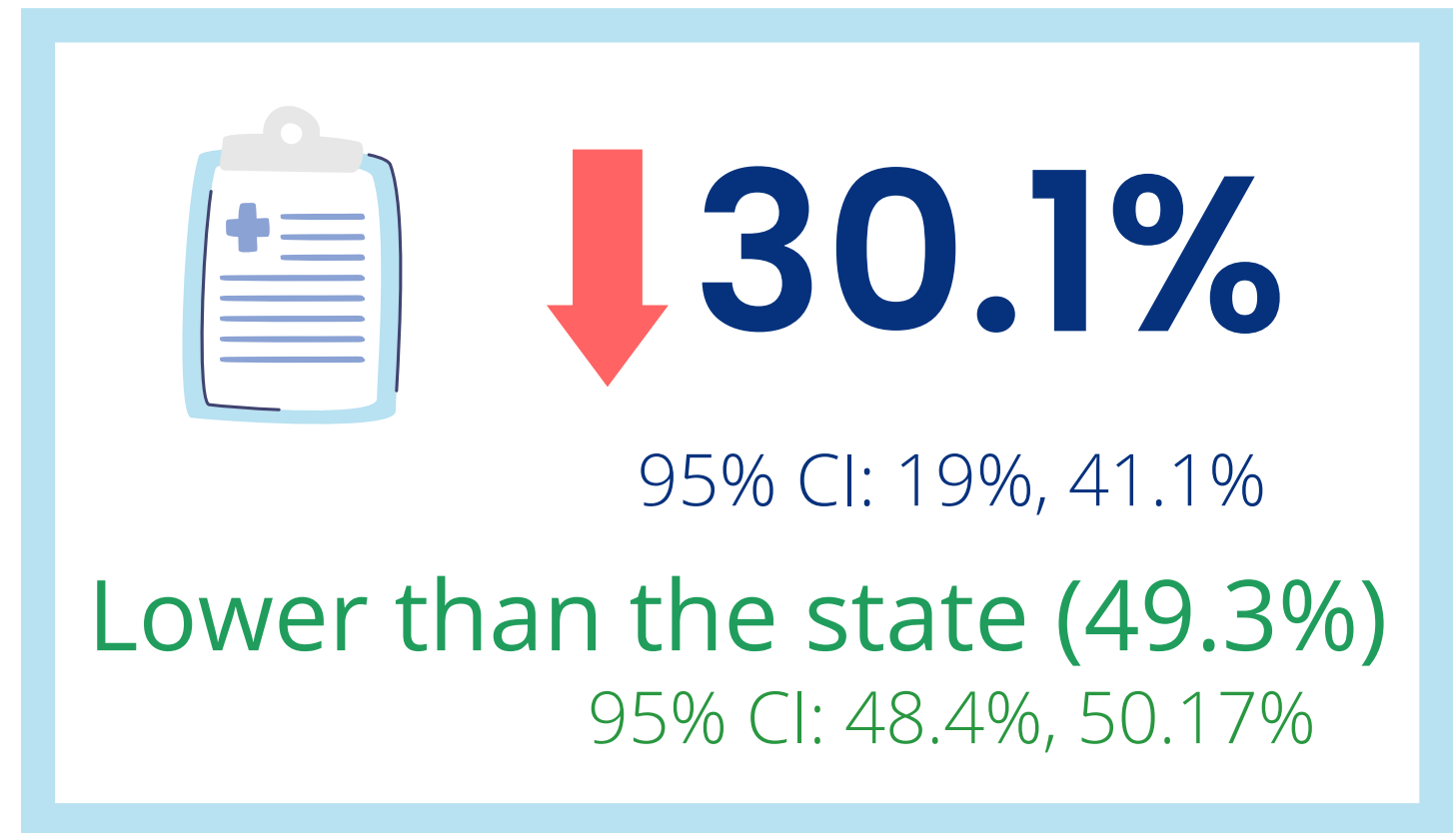
**State
(11.4%)**

Source: American Community Survey, US Census Bureau, 2015-2019

Delta County Aging in Place (Older Adult Health)

Up to date on a core set of preventative services

- ✓ Pneumococcal vaccine
- ✓ Flu vaccine in past year
- ✓ Mammogram in past 2 years (Females only)
- ✓ Fecal Occult Blood test (FOBT) in past year
OR
sigmoidoscopy in past 5 years and FOBT past 3 years





Key Informant Interviews



Community Health Assessment

Tri-County Health Community Health
Assessment

Kids Count Data Center
Kids Count Archive

Next Steps

1

Finalize Survey,
Finalize Key
Informant
Questions

2

Promote survey,
Perform Key
Informant
Interviews

3

Use data and
input from
community to
determine
priorities

Contact Information

Erika Stoerkel:
estoerkel@gunnisoncounty.org

Margaret Wacker:
mwacker@gunnisoncounty.org

Karen O'Brien
kobrien@deltacounty.com