

Ouray County

Tanner Kingery, 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 and Process**
- 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
January 2023

3

Prioritization
Process: Spring
2023

Data Sources



State of Colorado

**Colorado Health
Indicators Dataset**

**Colorado Equity
Compass**

**Community
Commons**

**Colorado
Children's
Campaign**

Kids Count



1

**1 Minute per
slide**

2

**Interactive
Presentation**

3

Ask questions

Framework

Health

Dental

Access to medical care

Availability of resources to meet daily needs (educational, & job opportunities, living wages, healthful foods)

Social norms & attitudes, such as discrimination

Behavioral Health

Depression.

Anxiety

Home life

Substance use

Food Security

Income

Employment.

Race/ethnicity

Disability

Housing

Home life

Income

Socioeconomic conditions, such as concentrated poverty

Transportation options

Childcare

Access to affordable childcare

Quality schools

Availability of enrollment

Location

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

Aging

Housing

Public Safety

Residential segregation

Aging

Childcare

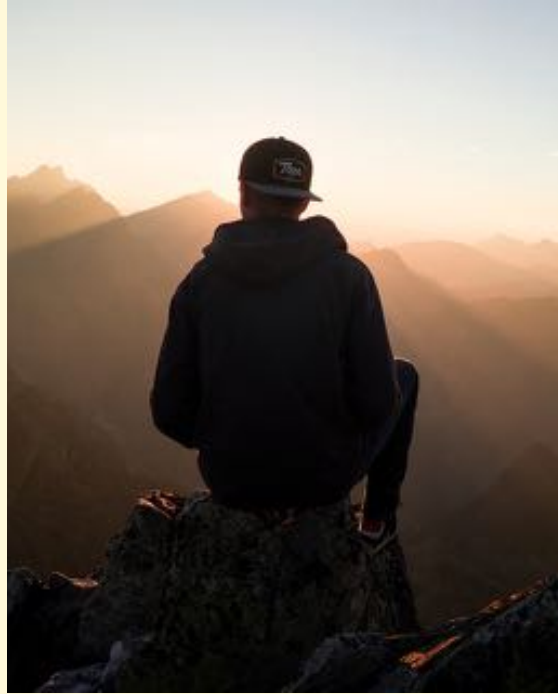
Safety

Planned learning activities

Socioemotional skills

Staff training

Availability of resources to meet daily needs



Social norms & attitudes, such as discrimination



Aging

Health

Access to medical care



Dental



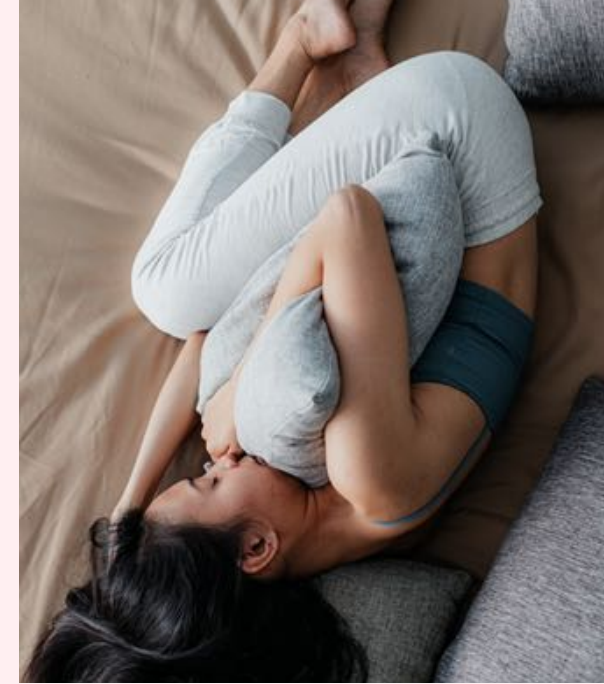
Exposure to crime, violence, and social disorder, such as the presence of trash



Health Insurance



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

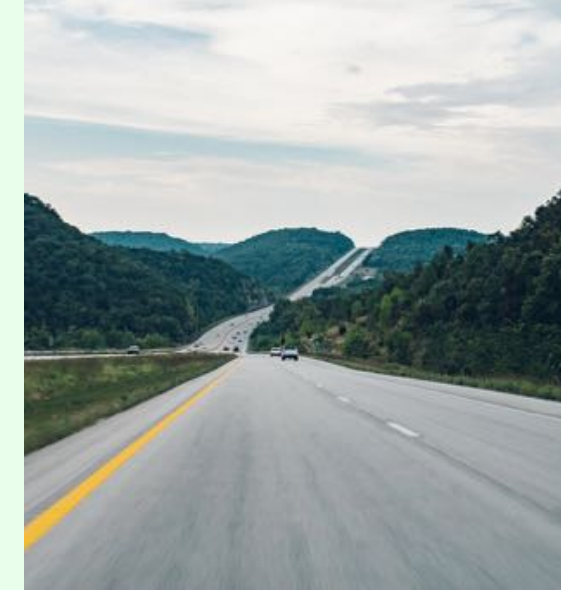


Home life



Socioeconomic conditions

Transportation options



Aging

Residential Segregation



Housing

Public Safety



Income





**Affordable
childcare**

Location



Safety

**Socioemotional
skills**



Quality schools



Childcare

**Availability of
enrollment**



Staff training

**Planned learning
activities**



Data Considerations

COVID-19 pandemic

Race/ethnicity

Small numbers

Online data sources

WCPHP Interest Areas



**Affordable &
Healthy
Housing**



**Behavioral &
Mental Health**



**Affordability &
Access to Care**



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

The background features 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

Ouray County Demographics

Total Population

4,890

Population Change from 2010-2020

↑ Ouray County: 9.87%

↑ Colorado: 14.8%

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

Demographics

Total Population by Race/Ethnicity

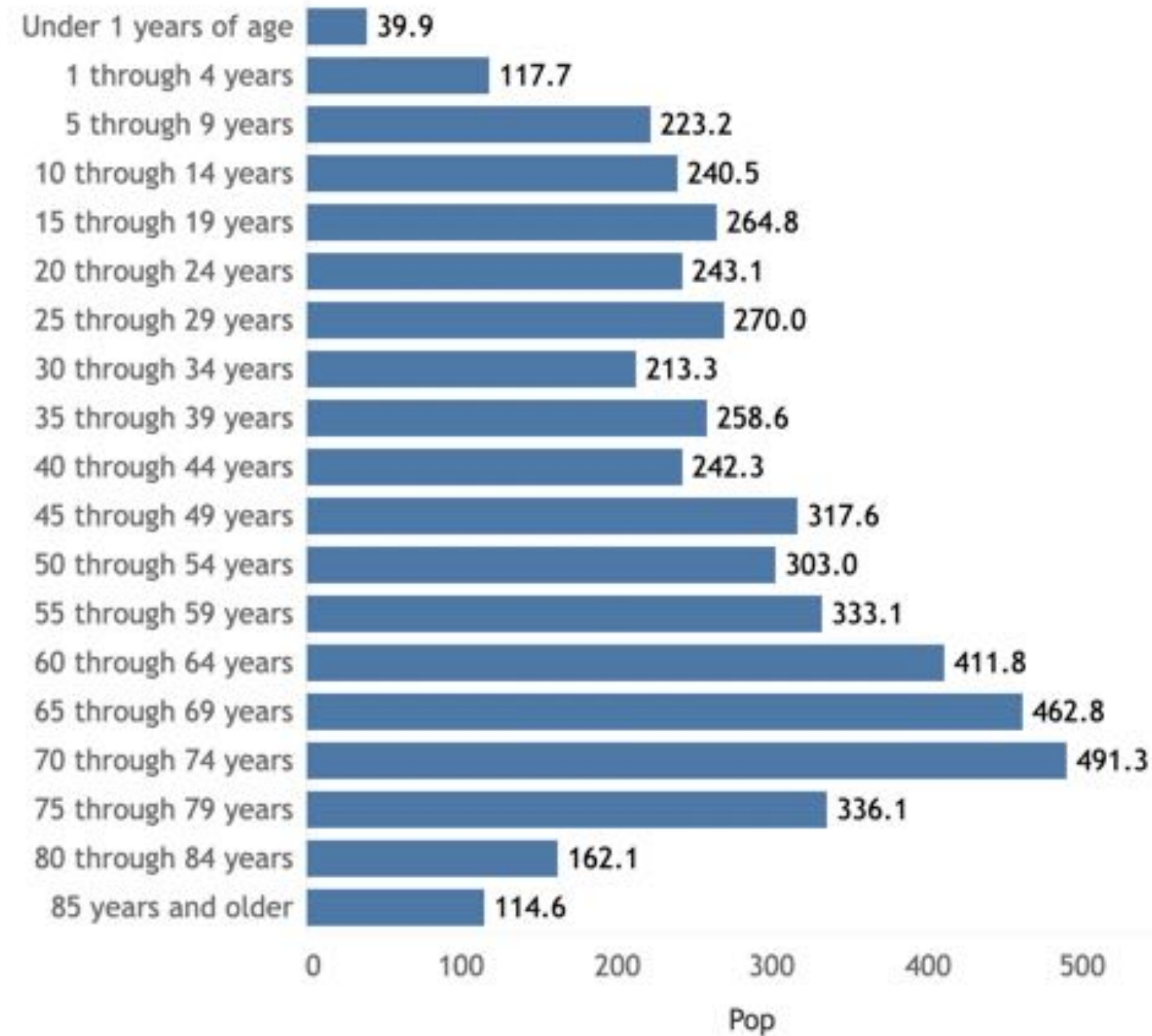
	Delta	Gunnison	Hinsdale	Montrose	Ourray	San Miguel	Colorado
Non-Hispanic White	80.81%	86.52%	86.43%	75.91%	93.19%	85.49%	67.50%
Non-Hispanic Black	0.65%	0.23%	1.66%	0.14%	1.55%	0.01%	3.94%
Non-Hispanic Asian	0.86%	0.38%	0.38%	0.82%	0.00%	1.39%	3.14%
Non-Hispanic Native American or Alaska Native	0.66%	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

Ouray County Population by Age

Age Groups



Demographics



49.07% Population Age 25+ with Bachelor's Degree of Higher, Percent
Higher than the state (41.60%)

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



1.48% Population Age 25+ with No High School Diploma, Percent
Lower than the state (7.92%)

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

Demographics

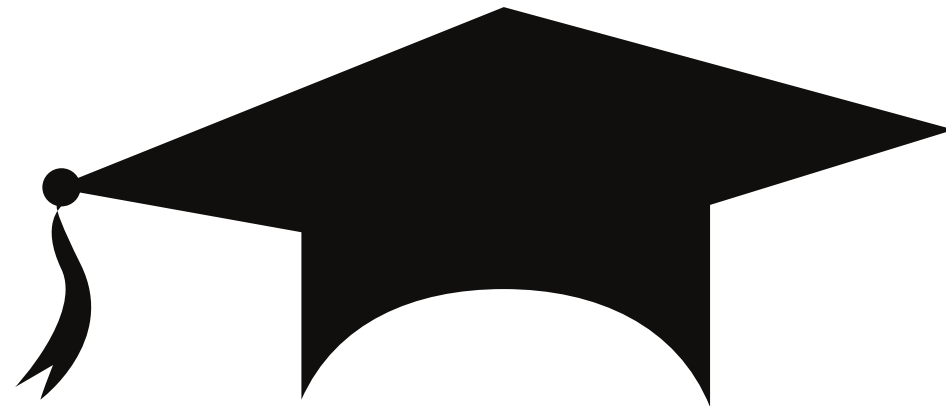
Population Age 3-4 Enrolled in School, Percent



Ouray County: 75.93%

Higher than the state (48.54%)

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



Graduation Rate



Ouray County: 92.90%

Higher than the state (81.70%)

Source: Data Source: US Department of Education, ED Facts. 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

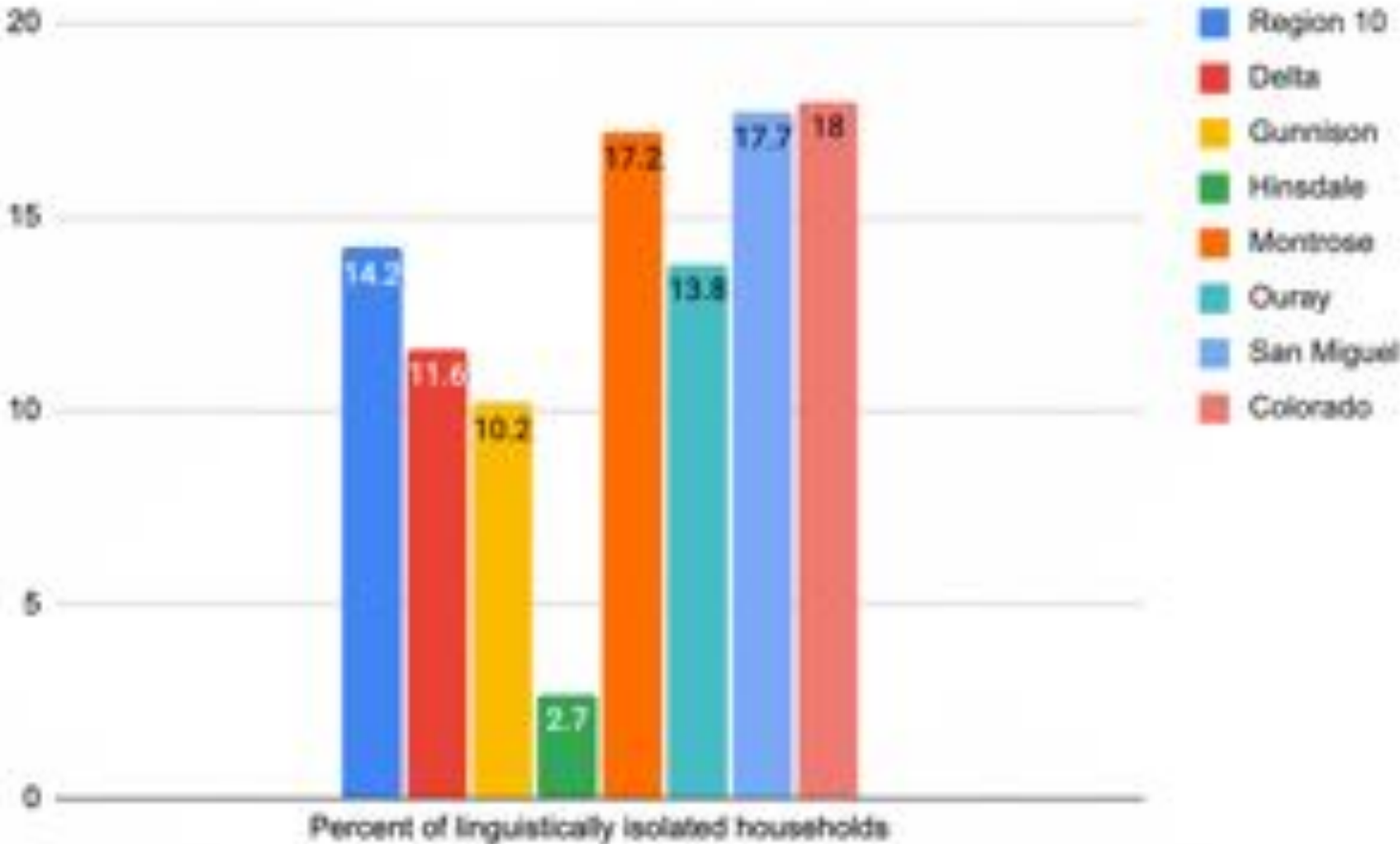
40%
were unable to open classrooms

34%
had longer waitlists

26%
had to reduce operating hours

Demographics

Percent of Linguistically Isolated Households



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

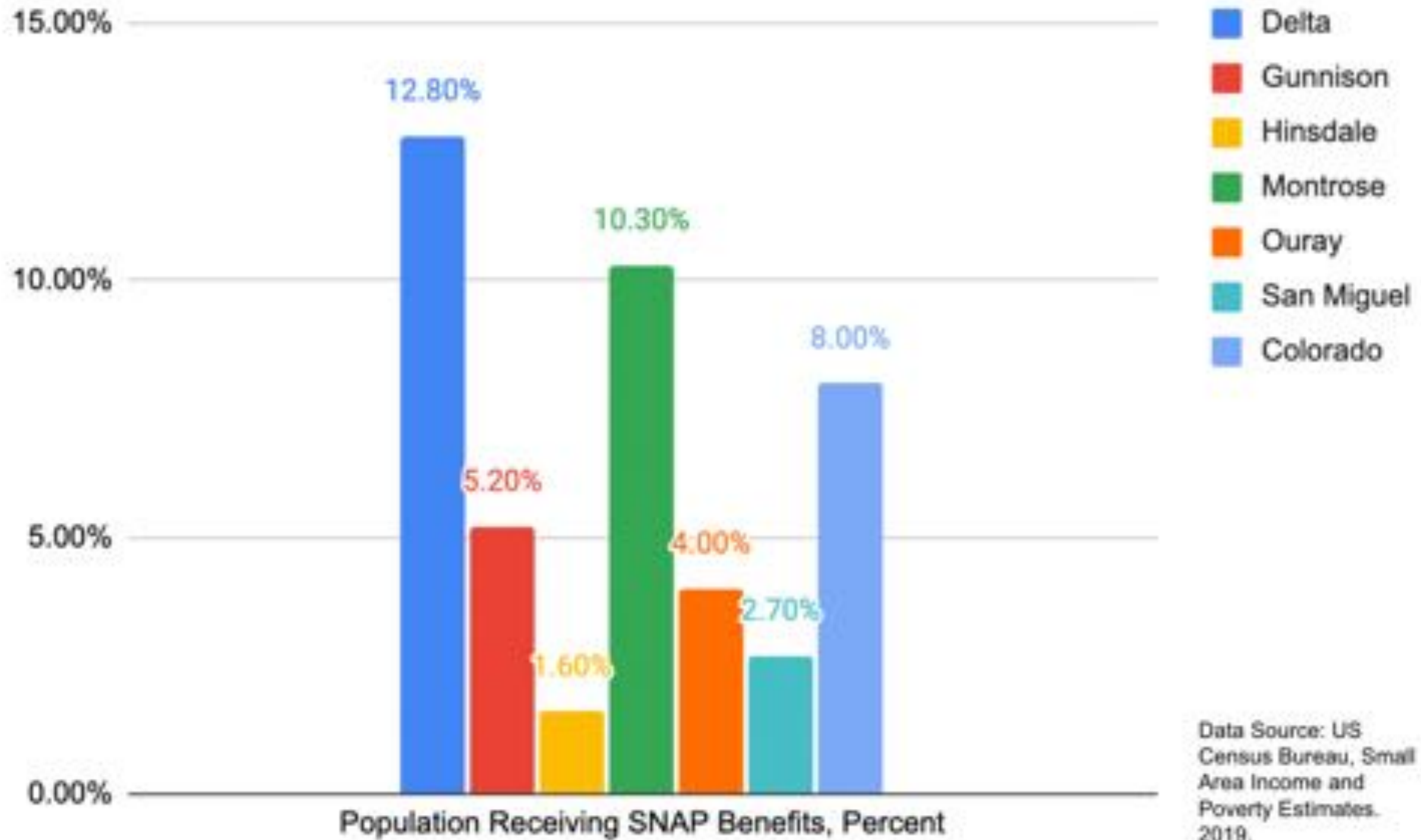
A limited English-speaking household is one in which all members 14 years old and over have at least some difficulty with English.

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)

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 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.

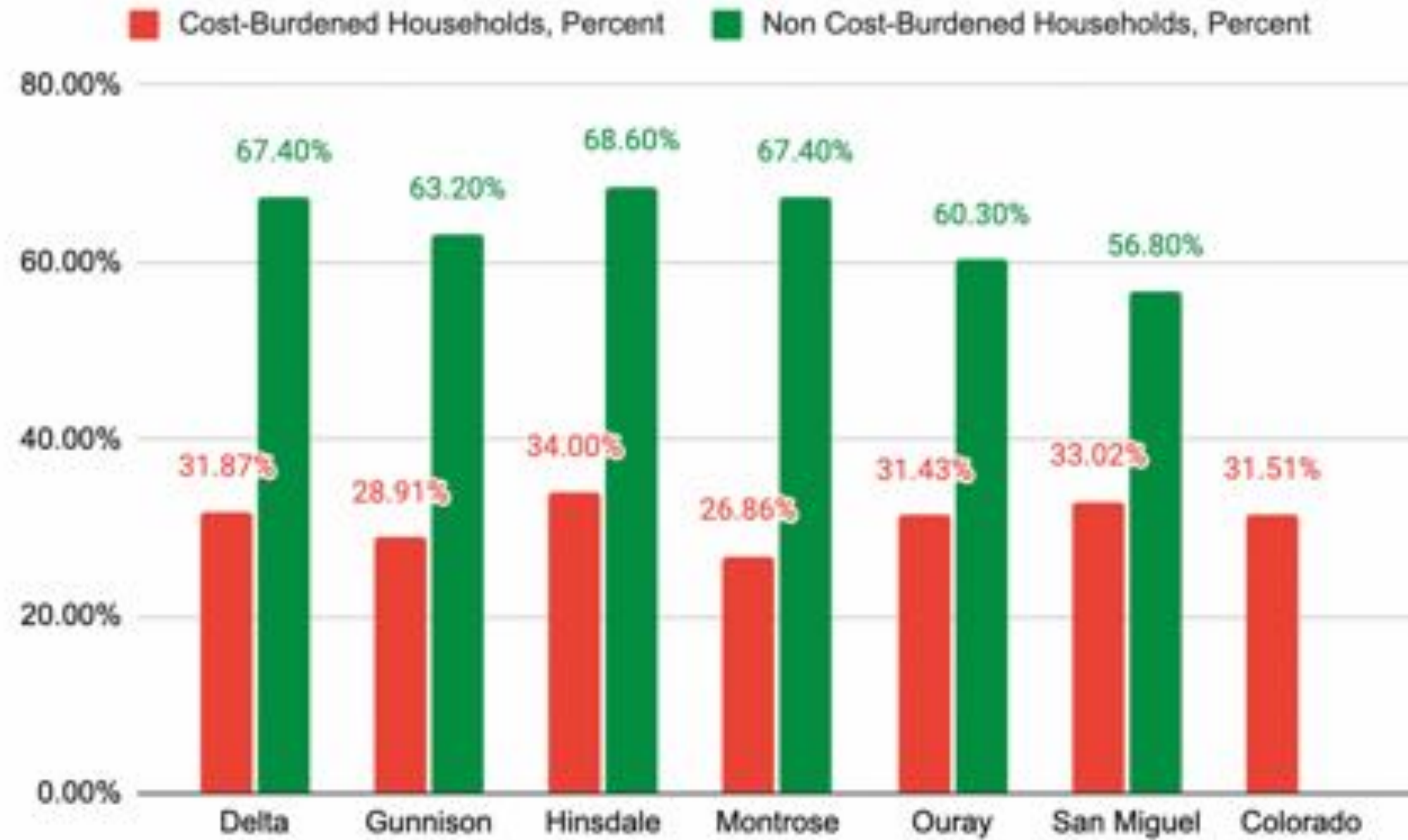
Source: Colorado Equity Compass

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 'Affordable Housing' is centered in a large, bold, black font.

Affordable Housing

Affordable/Healthy Housing

2017
Priority



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

Affordable/Healthy Housing

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



Ouray County:
28.2%
Colorado: 23%

Occupied Housing Units with One or More Substandard Conditions, Percent



Ouray County:
31.43%
Colorado: 31.9%

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

Percent of renter-occupied housing units

Ouray County:
28%
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 large, bold, black font.

Behavioral/Mental Health

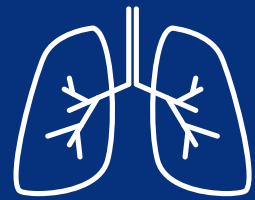
Behavioral/Mental Health

Ouray County

2017
Priority

Adult Current Smokers*

Age Adjusted



12.6%

Colorado 13.9%

Source: BRFSS, SparkMap*

2019

Excessive Drinking*



22%

Colorado 20%

Source: BRFSS, SparkMap*

2019

No Leisure Time Activity*

Light moderate physical activity



18%

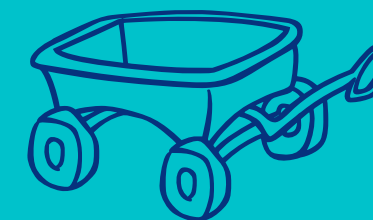
Colorado 16.4%

Source: BRFSS, SparkMap*

2019

Child Maltreatment Rate

Physical abuse, sexual abuse, emotional abuse and/or neglect



7.5 per 100,000

Colorado: 9.7 per 100,000

Source: Colorado Department of Human Services, COHID

2019

*SparkMap data may not demonstrate the most reliable estimates

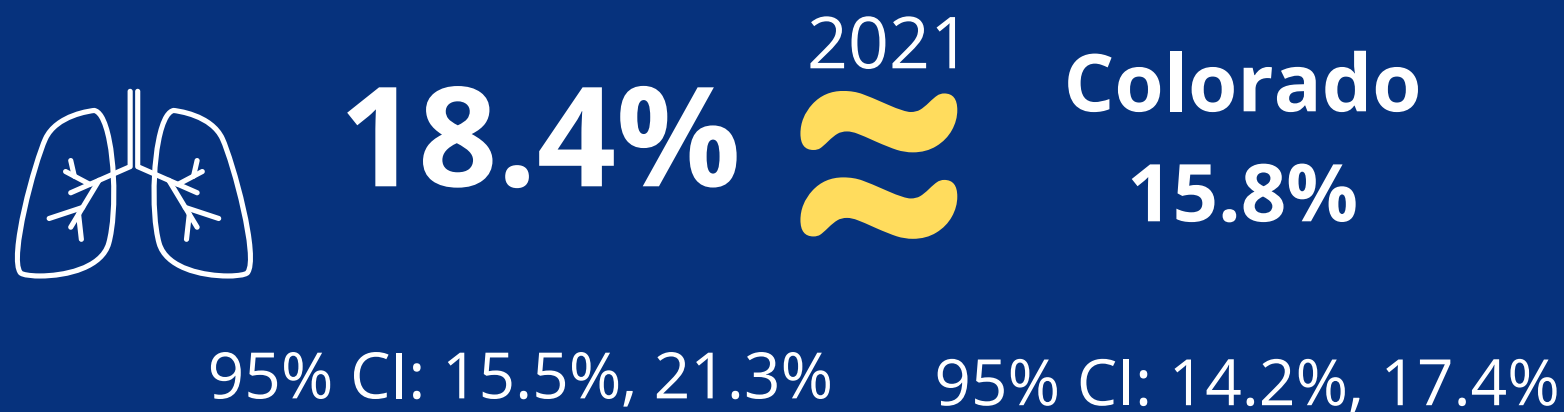
Region 10

Behavioral/Mental Health

Middle School & High School Students

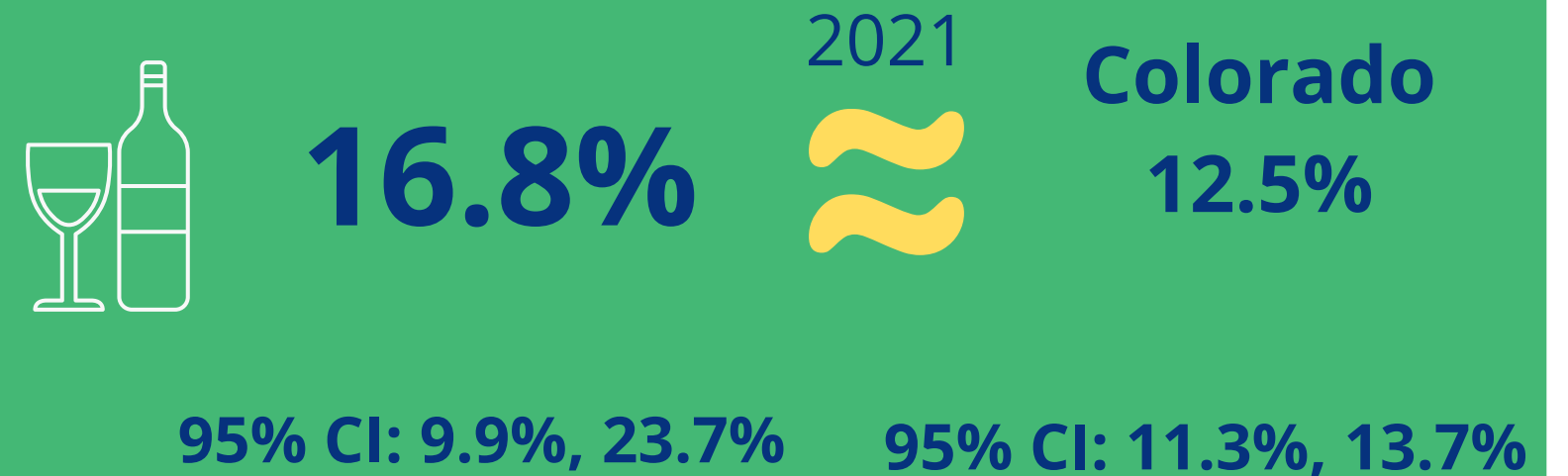
2nd Hand smoke from someone in their household

cigarette, cigar, pipe, or electronic vapor product



Binge Drinking

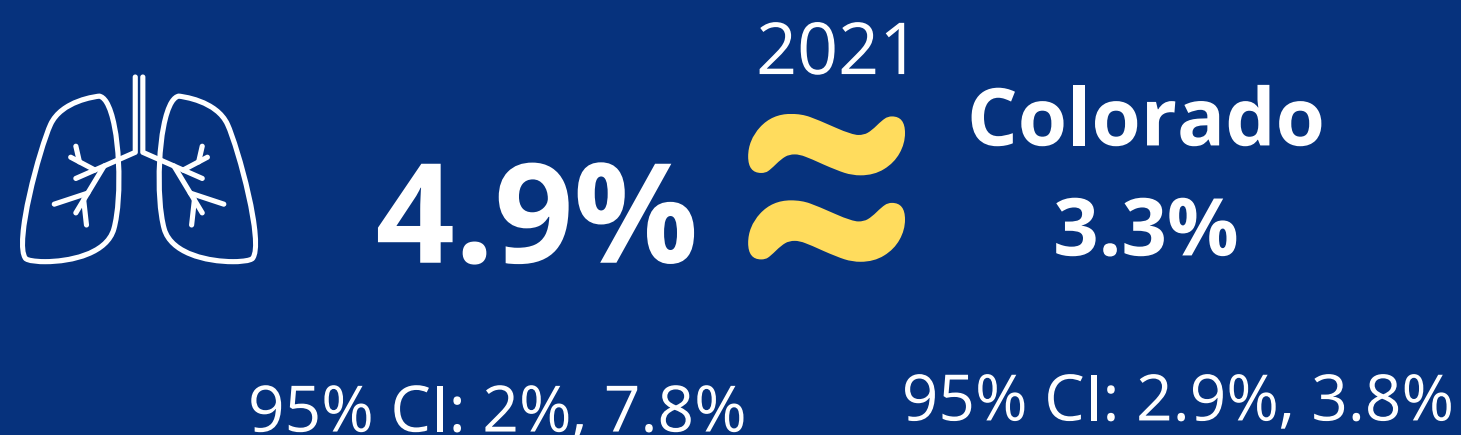
5+ drinks within a few hours, on ≥ 1 in the past 30 days



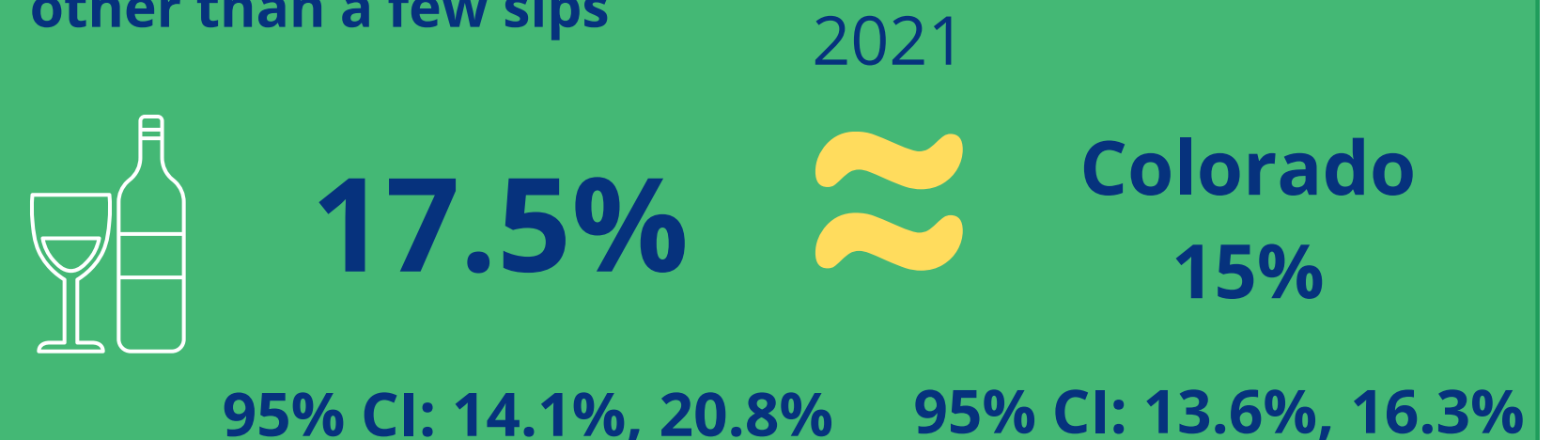
Source: Healthy Kids Colorado Survey

Current Cigarette Use

1 or more times in the past 30 days



1st drink of alcohol before 13 yrs old other than a few sips

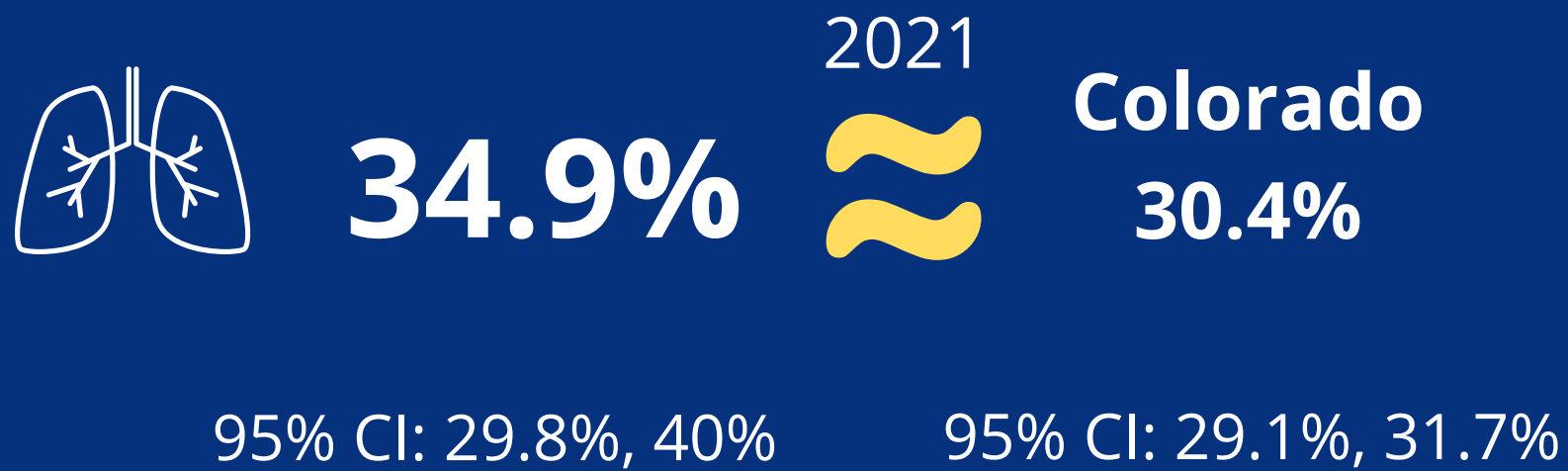


Region 10

Behavioral/Mental Health

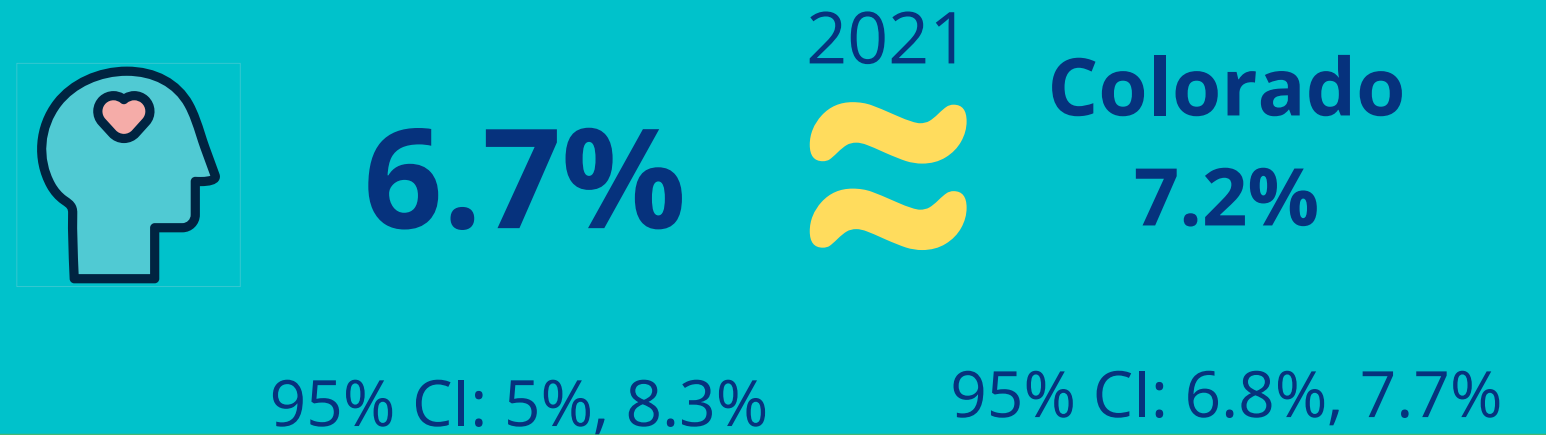
Middle School & High School Students

Current Electronic Vapor Use



Attempted Suicide

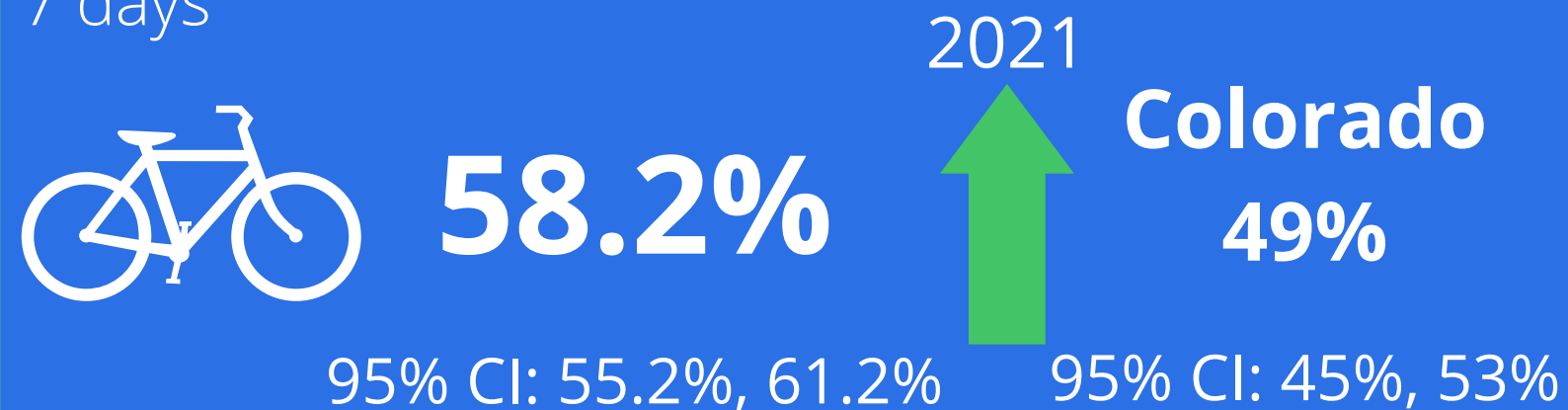
1 or + times in the last 12 months



Source: Healthy Kids Colorado Survey

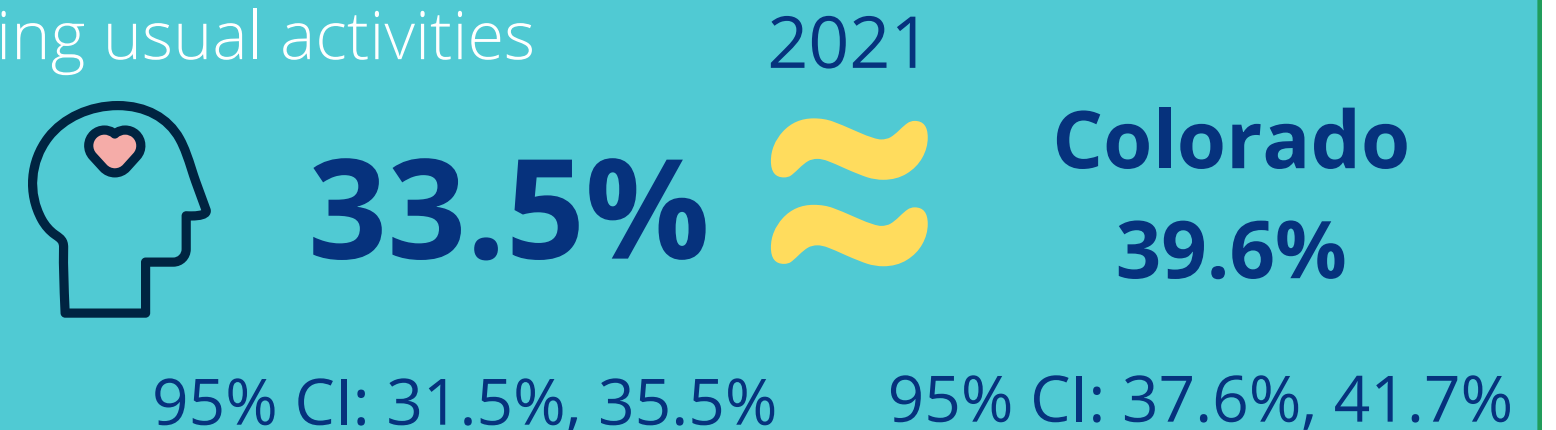
Physical Activity

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



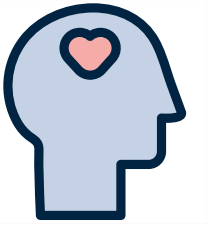
Felt Sad or Hopeless

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



Mental Health

Ouray County



Rate of Mental Health diagnosed Hospitalizations



1,072
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: 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 is centered in the middle of the page.

Healthy Eating Active Living

Healthy Eating Active Living

2017
Priority

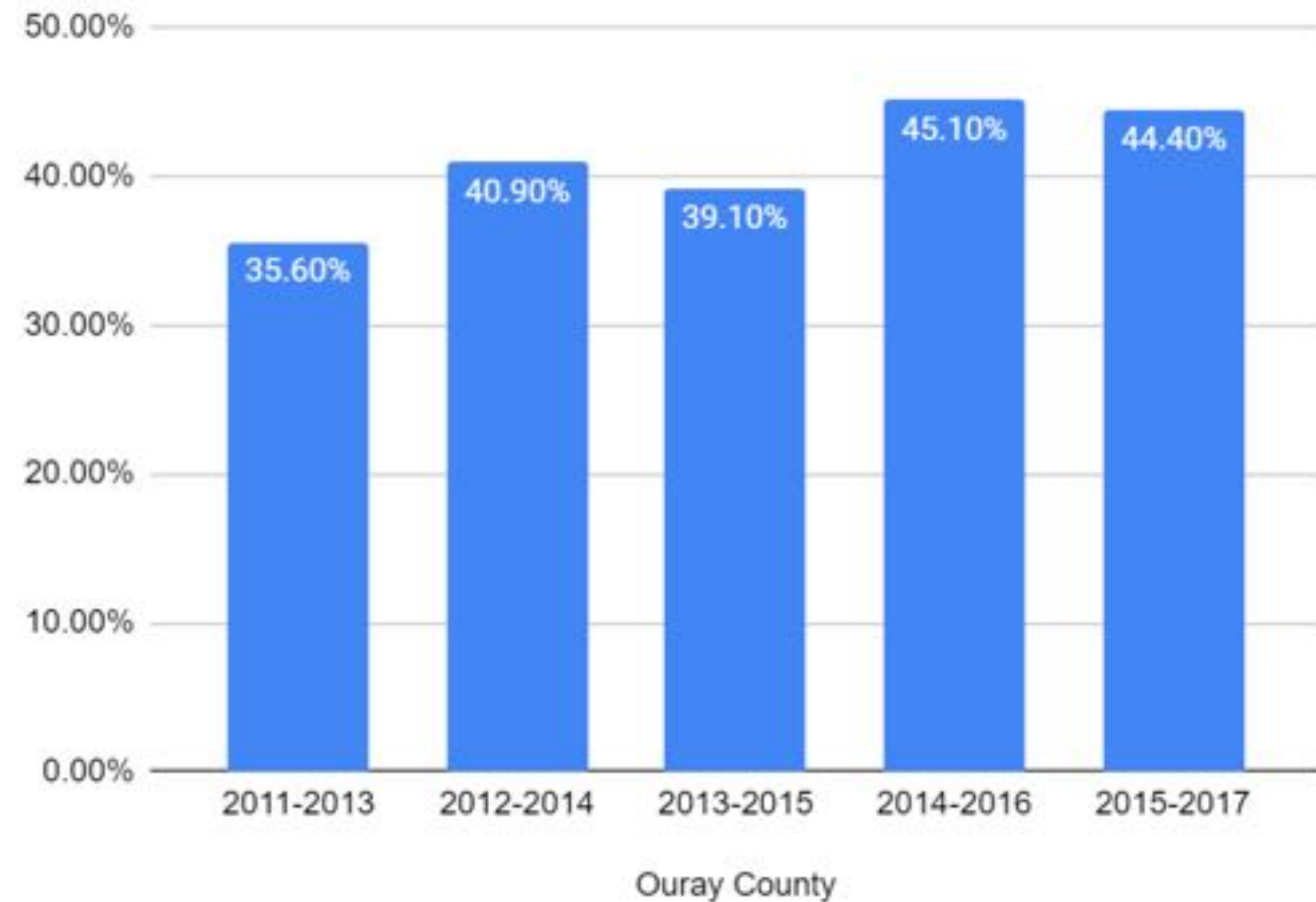
No significant trends overtime with kids.

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

No significant trends in overweight or obese adults.

Percent of Overweight or Obese Adults



Source: Behavioral Risk Factor Surveillance System, COHID VISION Tool

Healthy Eating Active Living

No significant trends over time.

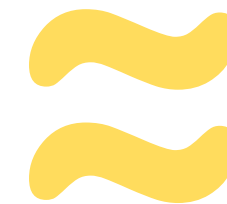
Percent of Adults who consumed vegetables less than 1 time per day			
	2011-2013	2013-2015	2015-2017
Region 10	14.5%	12.1%	12.9%
Colorado	19.1%	18.5%	17.6%



Lower than the state at all 3 time periods.

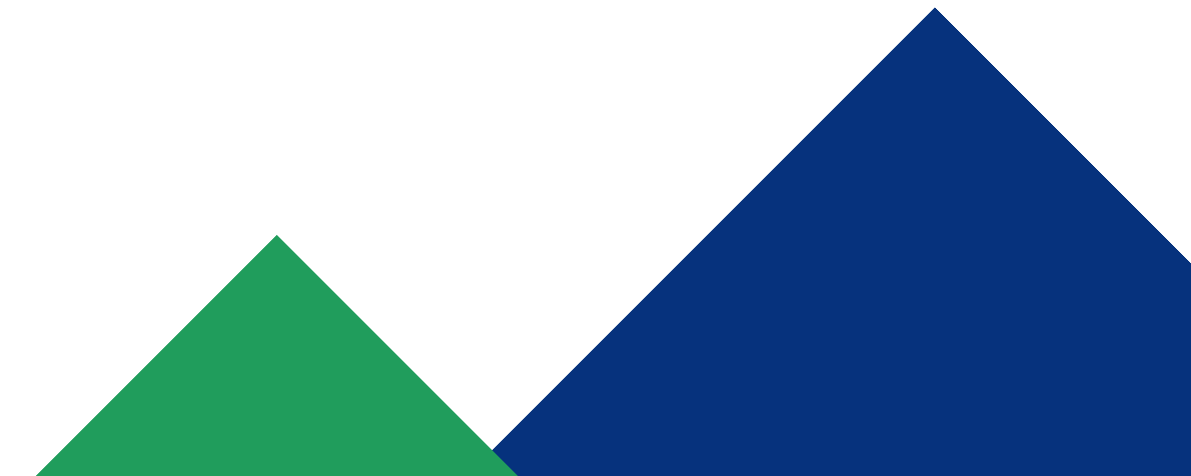


Percent of Adults who eat fruit less than 1 time per day			
	2011-2013	2013-2015	2015-2017
Region 10	33.8%	32%	31%
Colorado	35.7%	35.7%	34.3%



Similar to state at all 3 time periods.

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



All 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



Jun 8, 2020 Jun 25, 2020 Aug 19, 2020 Sep 16, 2020 Oct 14, 2020 Nov 11, 2020 Dec 9, 2020 Jan 20, 2021 Feb 18, 2021 Mar 9, 2021 Mar 15, 2021 May 13, 2021 Jun 10, 2021 Jul 21, 2021 Aug 18, 2021 Sep 1, 2021 Sep 15, 2021 Oct 13, 2021 Nov 10, 2021 Dec 8, 2021 2020-2021 2021-2022

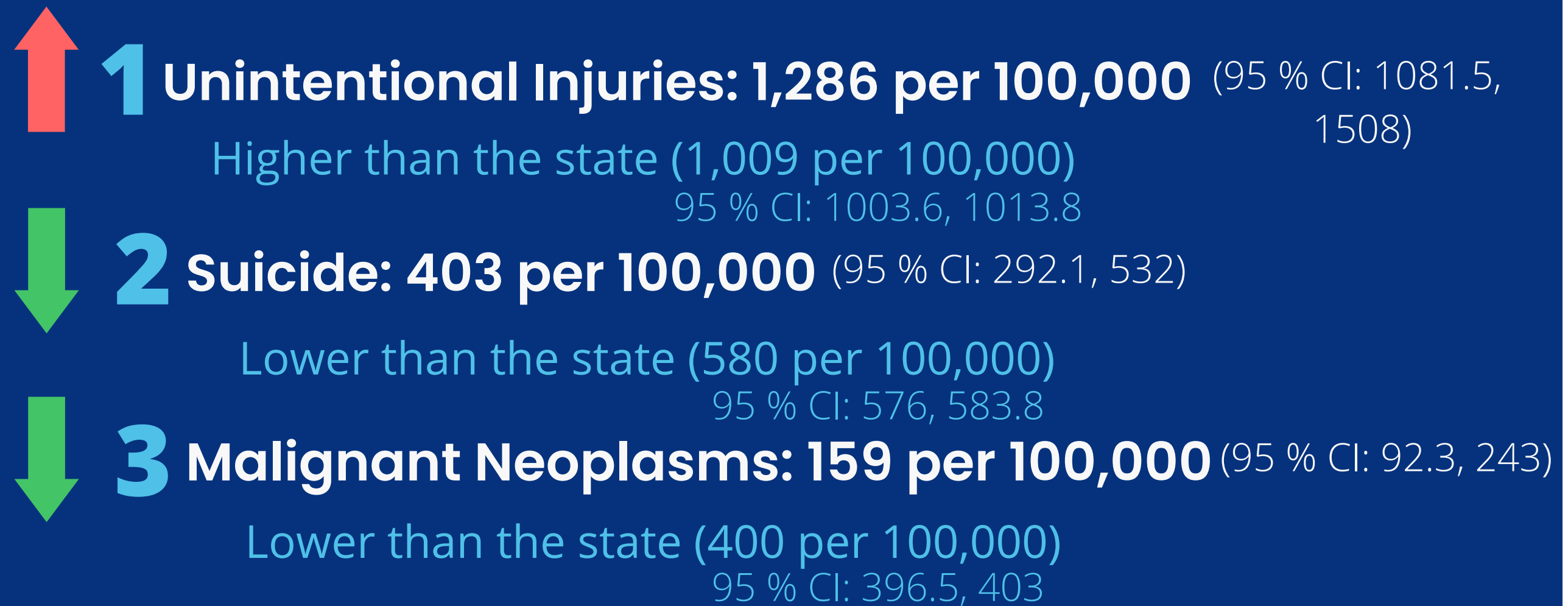
The image features a white background with decorative geometric shapes in the corners. In the top-right and bottom-left corners, there are overlapping triangles in shades of light blue and light green. The word "Mortality" is centered in a large, bold, black font.

Mortality

Mortality

Ouray County

Top 3 Leading Cause of Years of Potential Life Lost (YPLL) (measure of premature mortality)





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

Ouray County Age-adjusted Cancer Rates

Cancer Sites (2015-2019)

Similar to state   **62**
68.6 per 100,000 per 100,000
95% CI: 67.67, 69.56
Digestive system Cancer Case Rate
95% CI: 35.25, 88.5

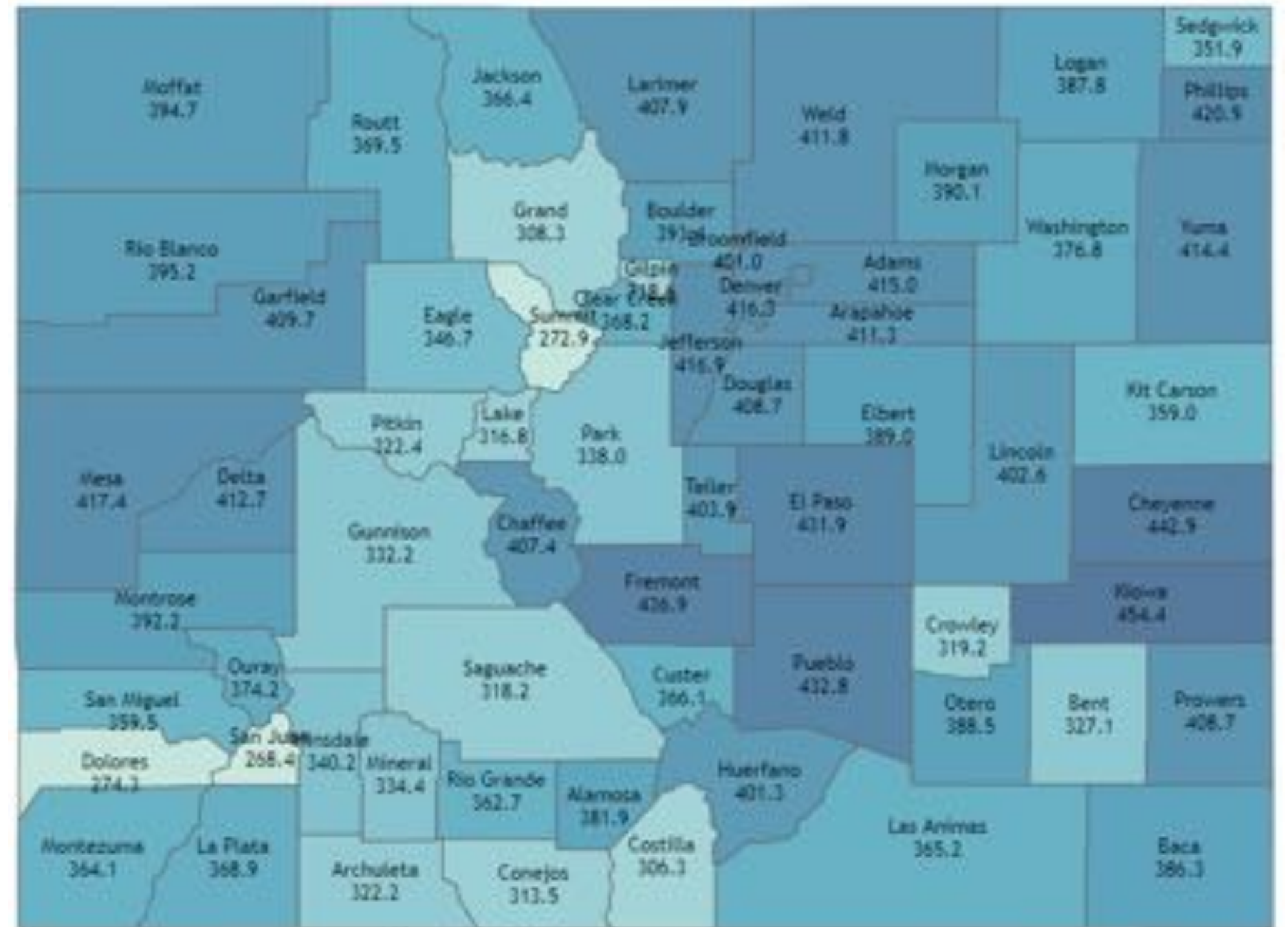
Higher than state   **52**
23.6 per 100,000 per 100,000
95% CI: 23.05, 24.17
Skin Cancer Case Rate
95% CI: 27.76, 77.2

Similar to state   **52**
67.8 per 100,000 per 100,000
95% CI: 66.86, 68.75
Breast Cancer Case Rate
95% CI: 27.84, 76.2

Health Outcomes

All Cancer Site Cases (2009-2019)

374.2 per 100,000



Health Outcomes

Sexually Transmitted Diseases/Infections

(STD/STI Rates, 2018)

Ouray County
Chlamydia Infections



104 per 100,000

**Lower than state (519 per
100,000)**

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 the middle of the page.

Health Insurance

Access to care Insurance Ouray County



 **8.8%** **Adults without Health Insurance coverage**
Lower than the state (10.8%)

95% CI Ouray: 7.4%, 10.2% **95% CI CO: 10.4%, 11.2%**

Source: Small Area Health Insurance Estimates, COHID

 **7.7%** **Children without Health Insurance coverage**
Similar than the state (5.7%)

95% CI Ouray: 5.7%, 9.7% **95% CI CO: 5.2%, 6.2%**

Source: Small Area Health Insurance Estimates, COHID

19.2% **Working-age Adults eligible but not enrolled in Medicaid**
State Value (12.1%)

Source: Colorado Health Institute, COHID

26.1% **Children eligible but not enrolled in Medicaid or CHP+**
State value (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

Aging

Aging in Place (Older Adult Health)

Ouray County

Percent with a disability

20.6%

65-74 years old

Colorado

22.7%

40.1%

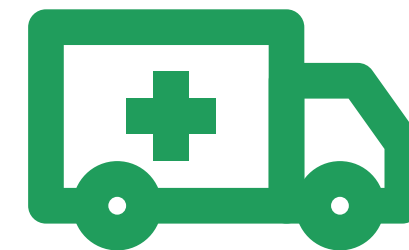
75+ years old

Colorado

47.5%

Ambulatory Difficulty

65 and older



9.6%

Colorado 17.7%

Independent Living Difficulty

65 and older



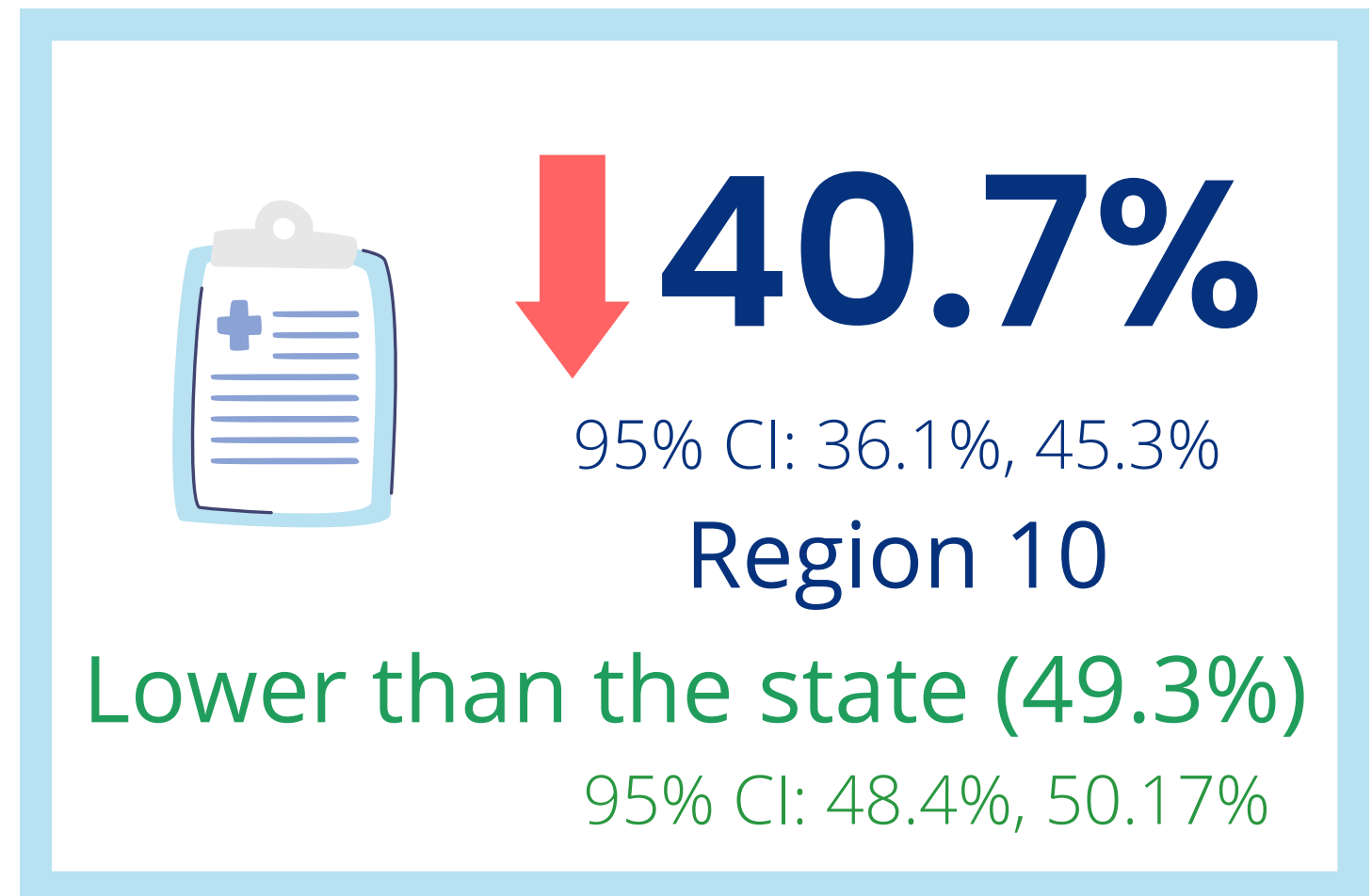
9.2%

Colorado 11.4%

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

Links to the surveys:

- Spanish version (digital) of the survey: <https://bit.ly/spcomhealth>
- English version (digital) of the survey: <https://bit.ly/comhealth123>

Tri-County Health Community Health
Assessment

Kids Count Data Center

Kids Count Archive



Next Steps

1

Survey Data
Collection,
Conduct Key
Informant
Interviews

2

Data Analysis

3

Use data and
input from
community to
determine
priorities

Contact Information

Erika Stoerkel:
estoerkel@gunnisoncounty.org

Margaret Wacker:
mwacker@gunnisoncounty.org

Tanner Kingery:
tkingery@ouraycountyco.gov