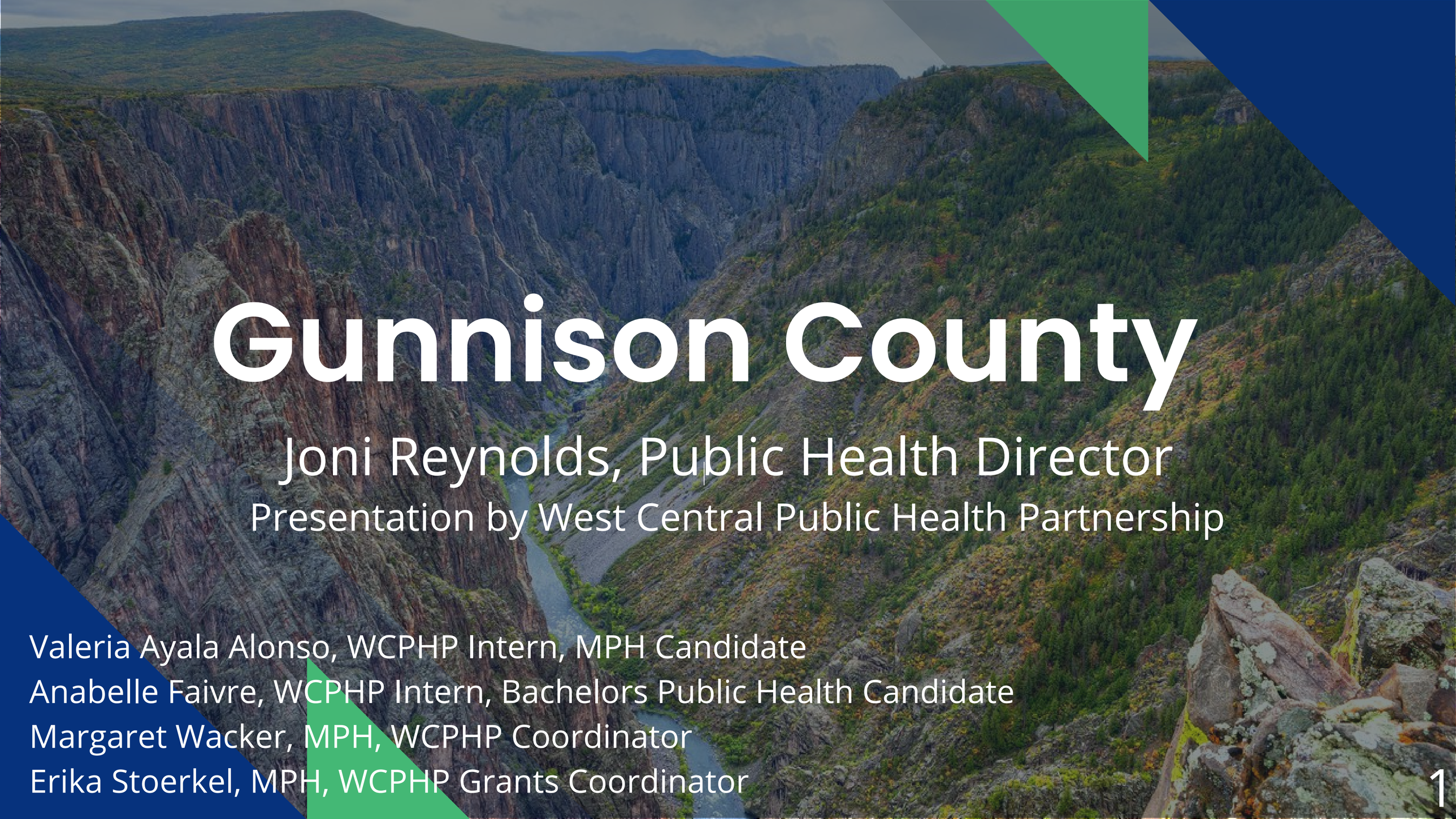


Gunnison County

Joni Reynolds, 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

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

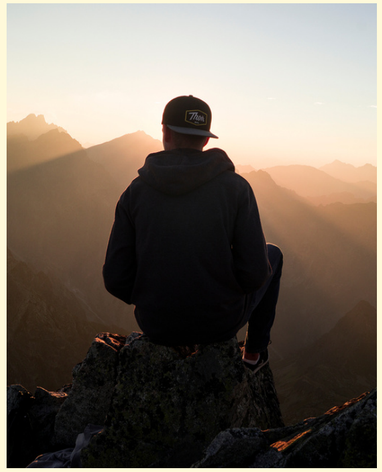
Housing

- 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

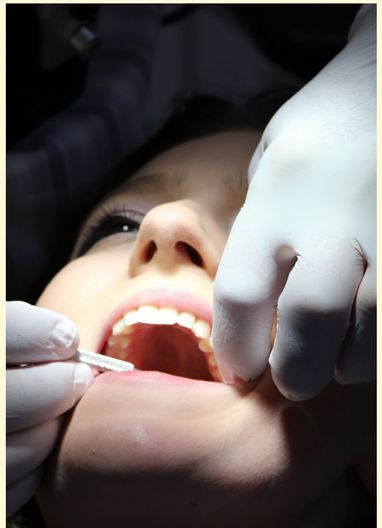
Aging

Health

Health Insurance

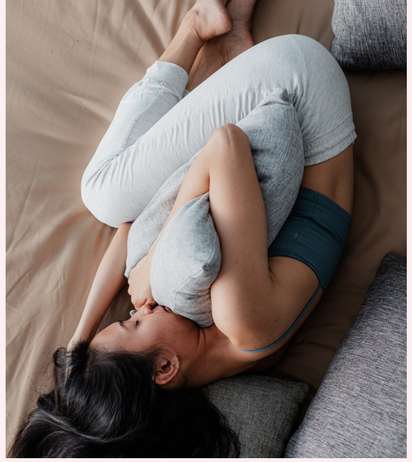
Access to medical care

Dental



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

Depression



Anxiety

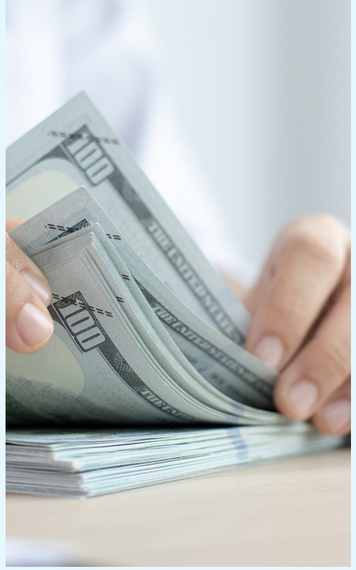
Aging

Behavioral Health

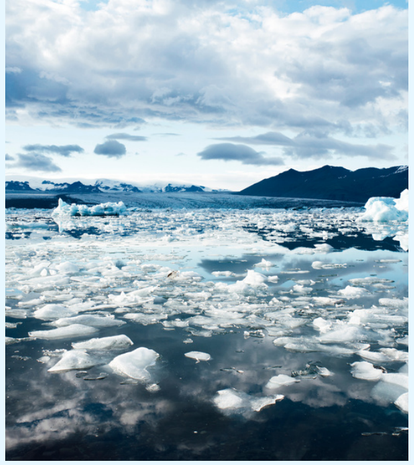
Home Life

Social Support and social interactions

Substance abuse



Income



Climate change

Disability

Race/Ethnicity

Food Security

Employment

Increasing cost of food

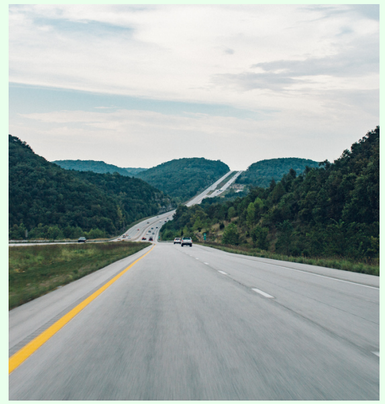
Aging

Population growth

Home life

Socioeconomic conditions

Transportation options



Aging

Housing

Public Safety

Income

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

WCPHP Interest Areas

Affordable & Healthy Housing

Behavioral & Mental Health

Affordability & Access to Care

Aging in Place (Older Adult Health)

Demographics

Demographics

Total Population

17,119

Population Change from 2010-2020

↑ Gunnison County: 10.4%

↑ Colorado: 14.8%

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

Demographics

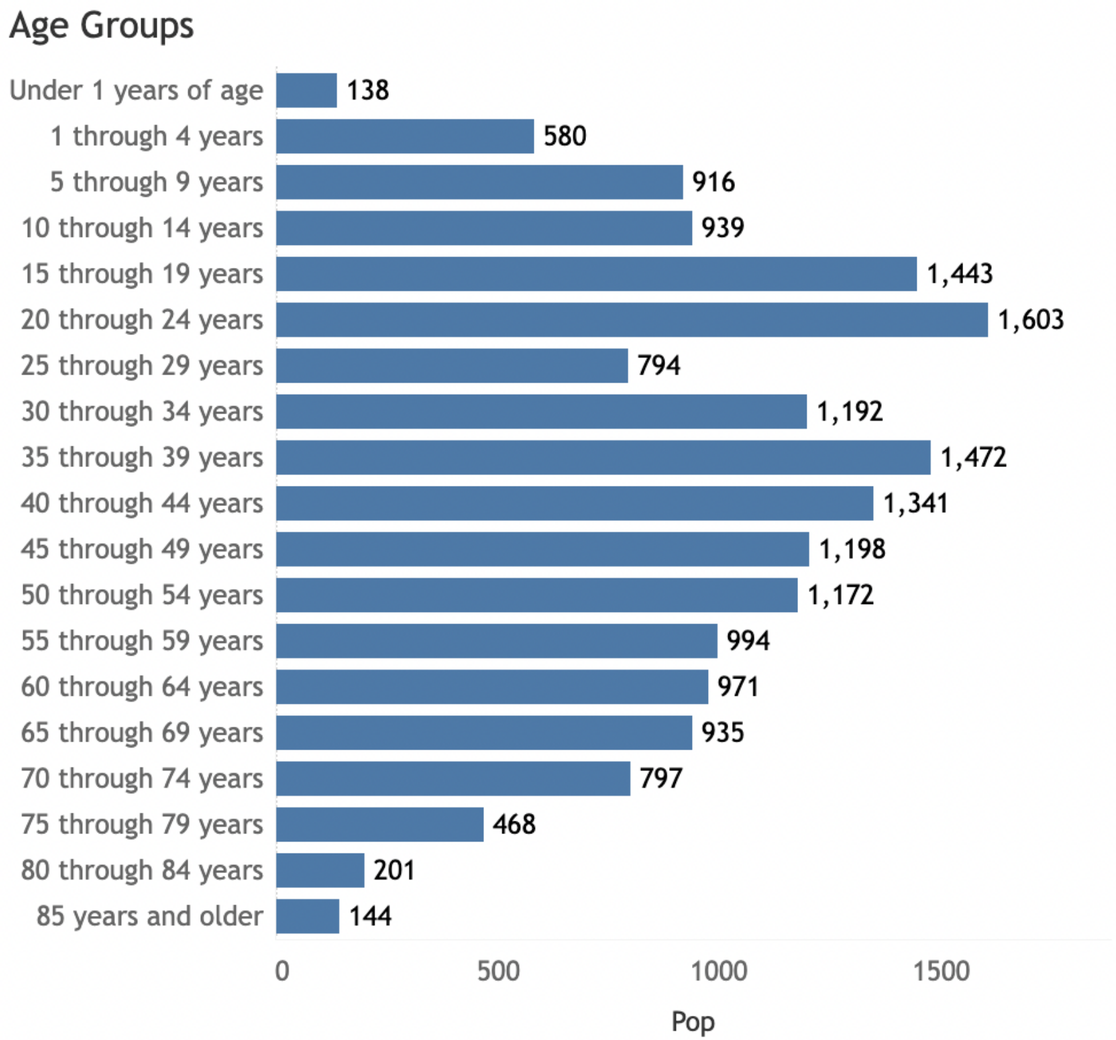
Total Population by Race/Ethnicity

	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.

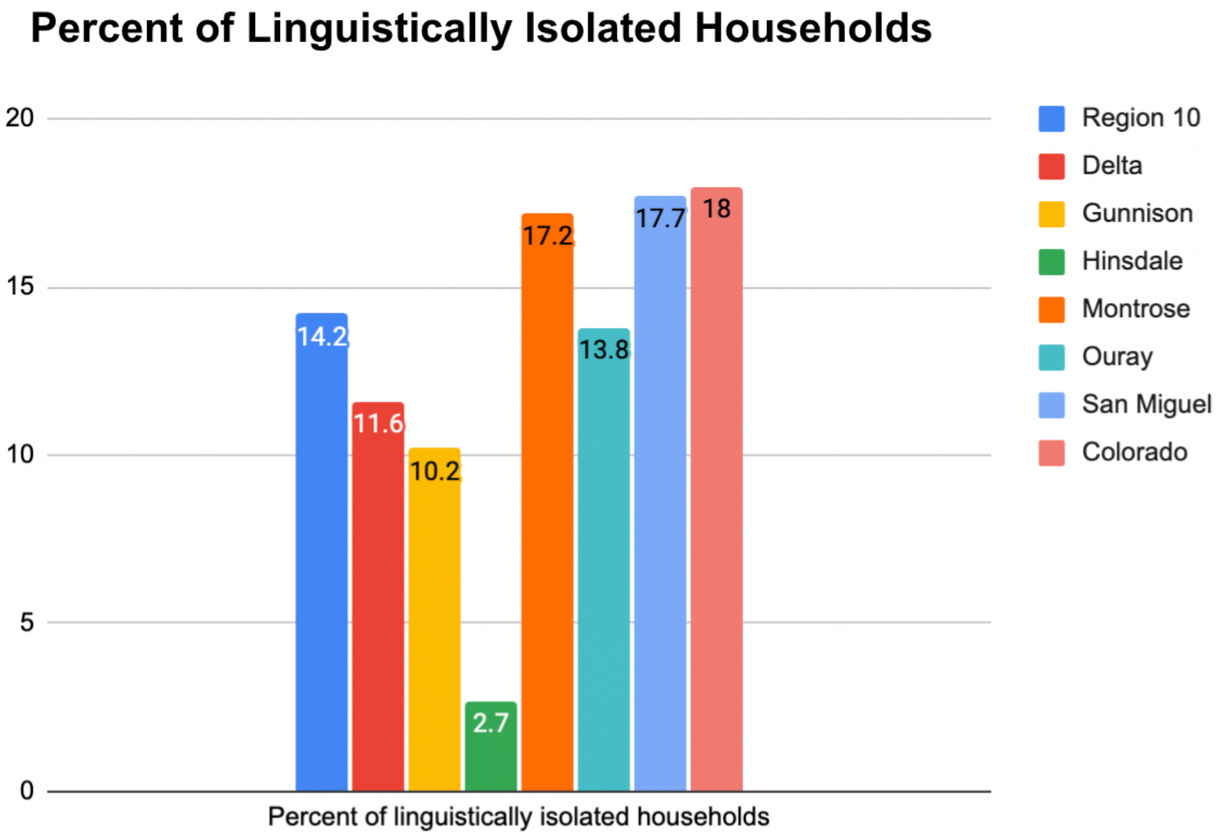
Demographics

Gunnison County Population by Age



Source: Population Estimates, COHID

Demographics



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

Gunnison County: 57.51%

Higher than the state (41.60%)

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

Population Age 25+ with No High School Diploma, Percent

Gunnison County: 2.35%

Lower than the state (7.92%)

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

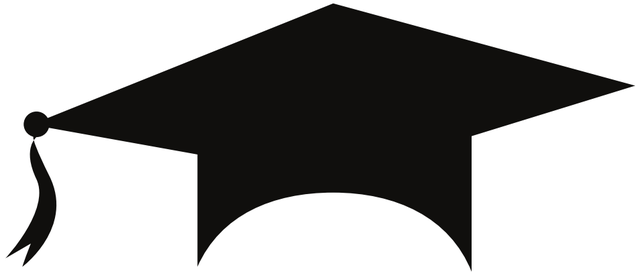
Demographics

Population Age 3-4 Enrolled in School, Percent

Gunnison County: 73.84%

Higher than the state (48.54%)

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



Graduation Rate

Gunnison County: 95%

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

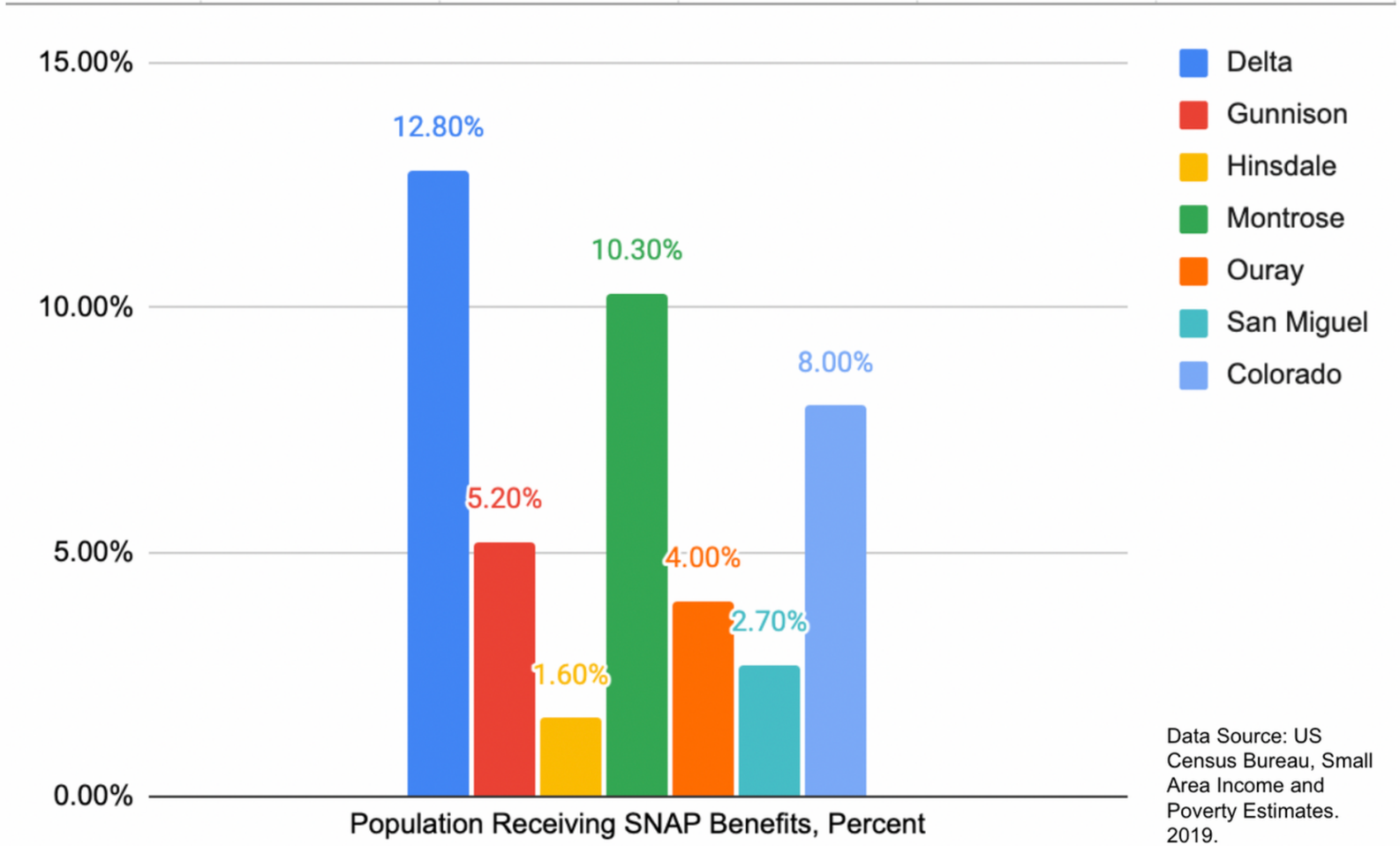
34%
had longer waitlists

26%
had to reduce operating hours

Source: National Association for the Education of Young Children, 2021.

Socioeconomic Factors

Socioeconomic Factors



Data Source: US Census Bureau, Small Area Income and Poverty Estimates. 2019.

Socioeconomic Factors

Percent Change in Poverty Level

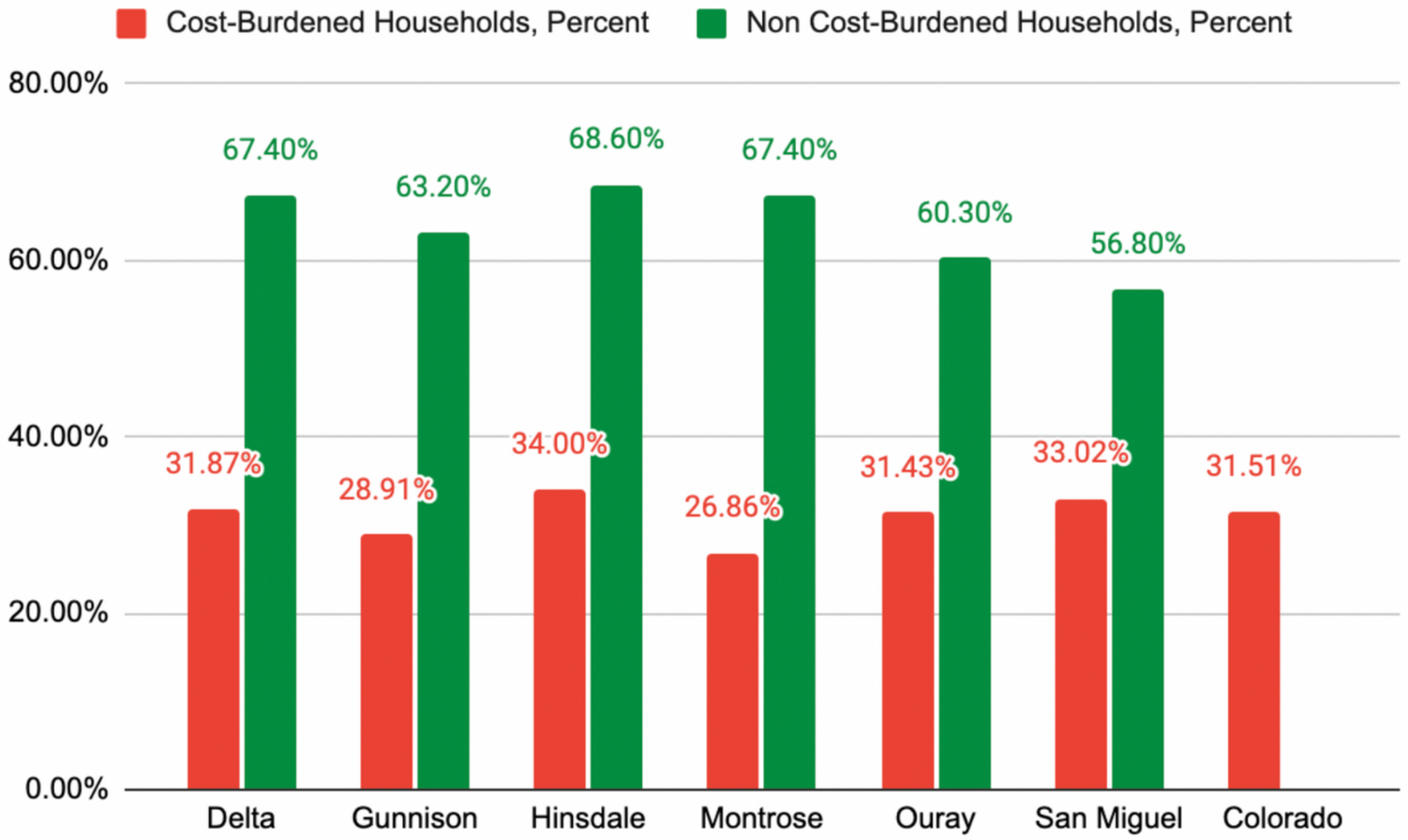
	Percent Change in Poverty Level
Delta	-5.40%
Gunnison	-0.60%
Hinsdale	-6.40%
Montrose	0.40%
Ouray	5.20%
San Miguel	-2.70%

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

Source: Colorado Equity Compass

Affordable Housing

Affordable/Healthy Housing



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

Gunnison County: 26.5%

Colorado: 23%

Occupied Housing Units with One or More Substandard Conditions, Percent

Gunnison County: 30.19%

Colorado: 31.9%

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

Percent of renter-occupied housing units

Gunnison County: 38%

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.

Behavioral/Mental Health

Behavioral/Mental Health
Gunnison County

2017 Priority

Adult Current Smokers*
Age Adjusted

13.6%

Colorado 13.9%

Source: BRFSS, SparkMap* 2019

Binge Drinking
males 5+/females 4+ drinks on 1 occasion in the past 30 days

25.5%* 95% CI: 14.2, 36.8

≈

Colorado 19.1% 95% CI: 18.4, 19.9

Source: BRFSS, COHID VISION * 2016-2018

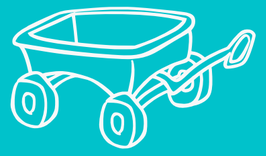
No Leisure Time Activity*
Light moderate physical activity

16.4%

Colorado 16.4%

Source: BRFSS, SparkMap* 2019

Child Maltreatment Rate
Physical abuse, sexual abuse, emotional abuse and/or neglect



7.4 per 100,000

Colorado 9.7 per 100,000

2019

Source: Colorado Department of Human Services, COHID

*Data may be unreliable

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

18.4% ≈ 2021

Colorado 15.8%

95% CI: 15.5%, 21.3%

95% CI: 14.2%, 17.4%

Binge Drinking

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

16.8% ≈ 2021

Colorado 12.5%

95% CI: 9.9%, 23.7%

95% CI: 11.3%, 13.7%

Source: Healthy Kids Colorado Survey

Current Cigarette Use

1 or more times in the past 30 days

4.9% ≈ 2021

Colorado 3.3%

95% CI: 2%, 7.8%

95% CI: 2.9%, 3.8%

1st drink of alcohol before 13 yrs old

other than a few sips

17.5% ≈ 2021

Colorado 15%

95% CI: 14.1%, 20.8%

95% CI: 13.6%, 16.3%

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
Gunnison County

Age-Adjusted Rate of Mental Health diagnosed Hospitalizations

1,674
per 100,000

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

Source: Behavioral Risk Factor Surveillance System, COHID, 2018-2020

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

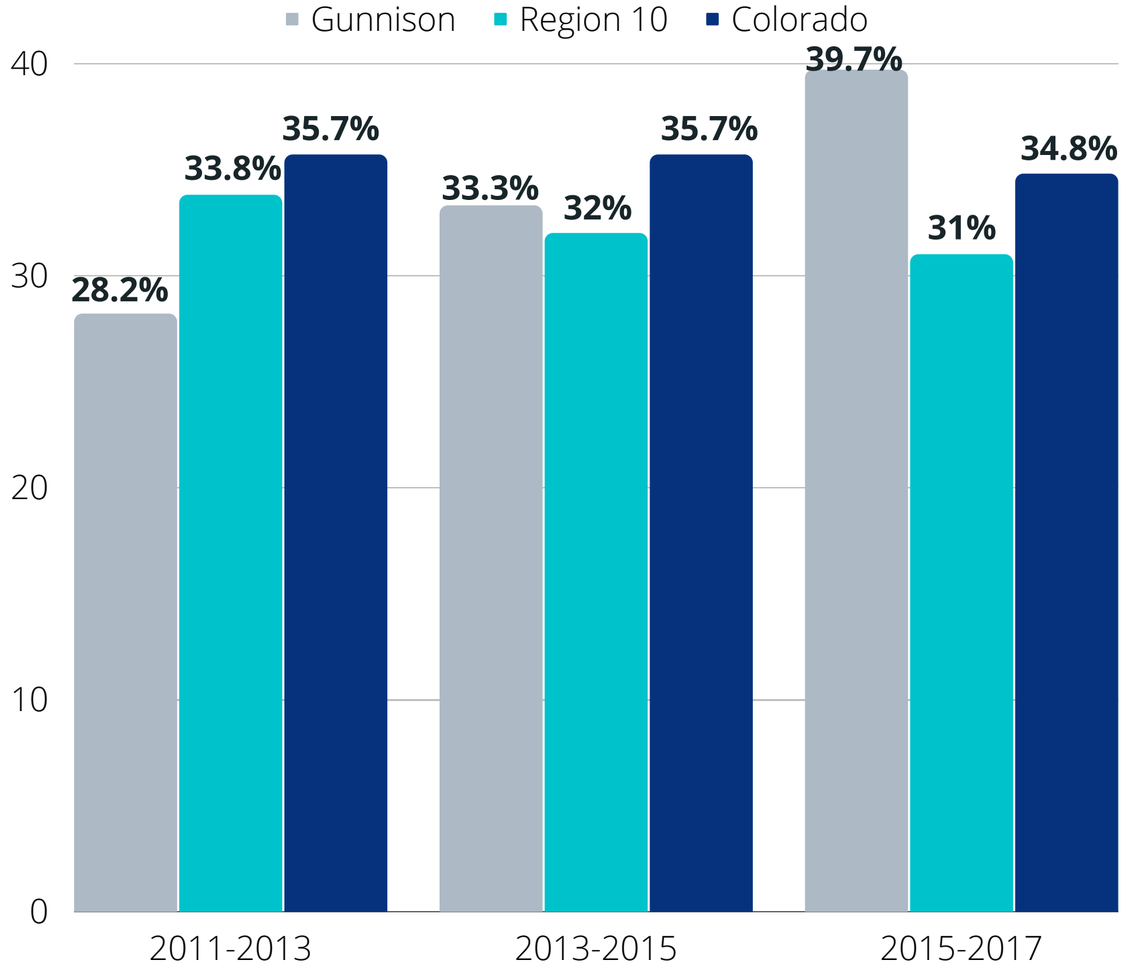
Healthy Eating Active Living

2017 Priority

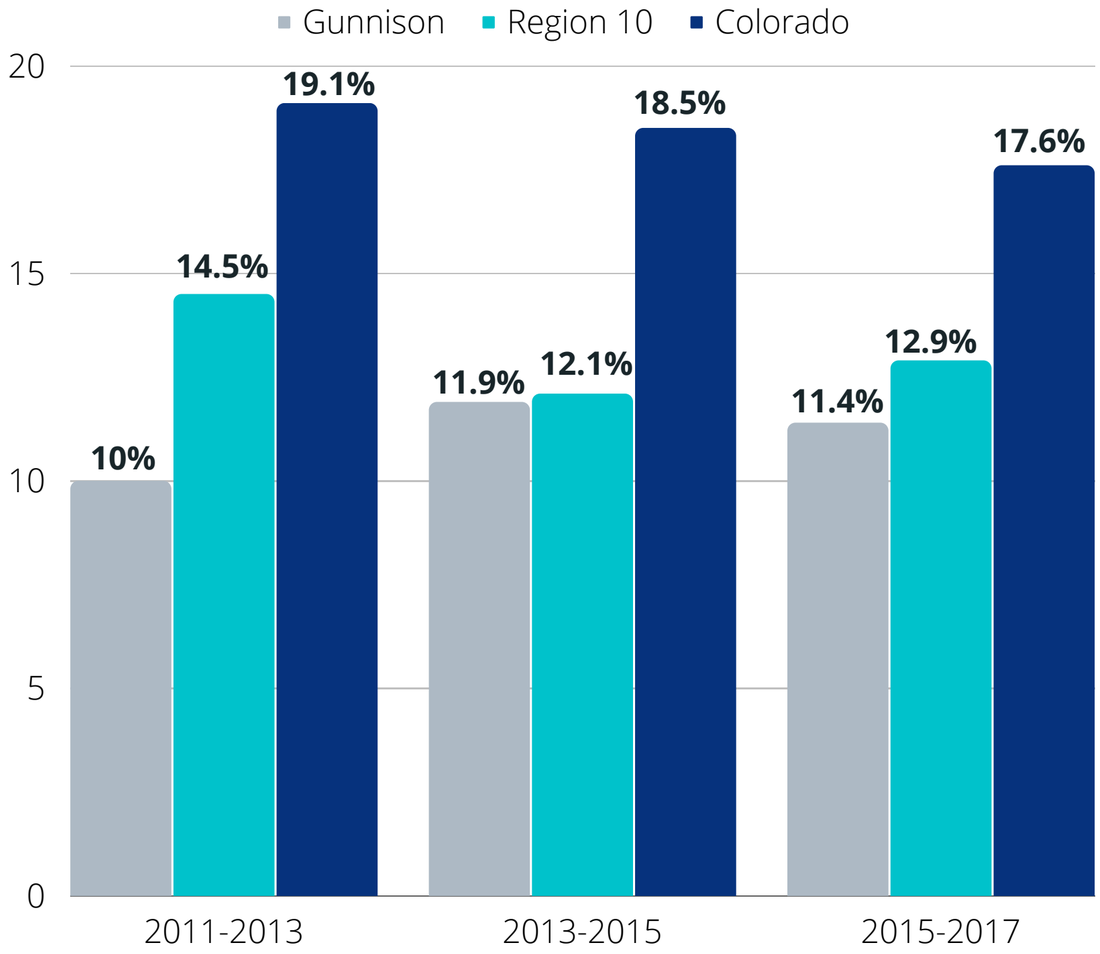
Gunnison County

Healthy Eating Active Living

Fruit consumption less than 1 time per day



Vegetable consumption less than 1 time per day



Source: Behavioral Risk Factor Surveillance System, COHID

Healthy Eating Active Living

2017 Priority

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

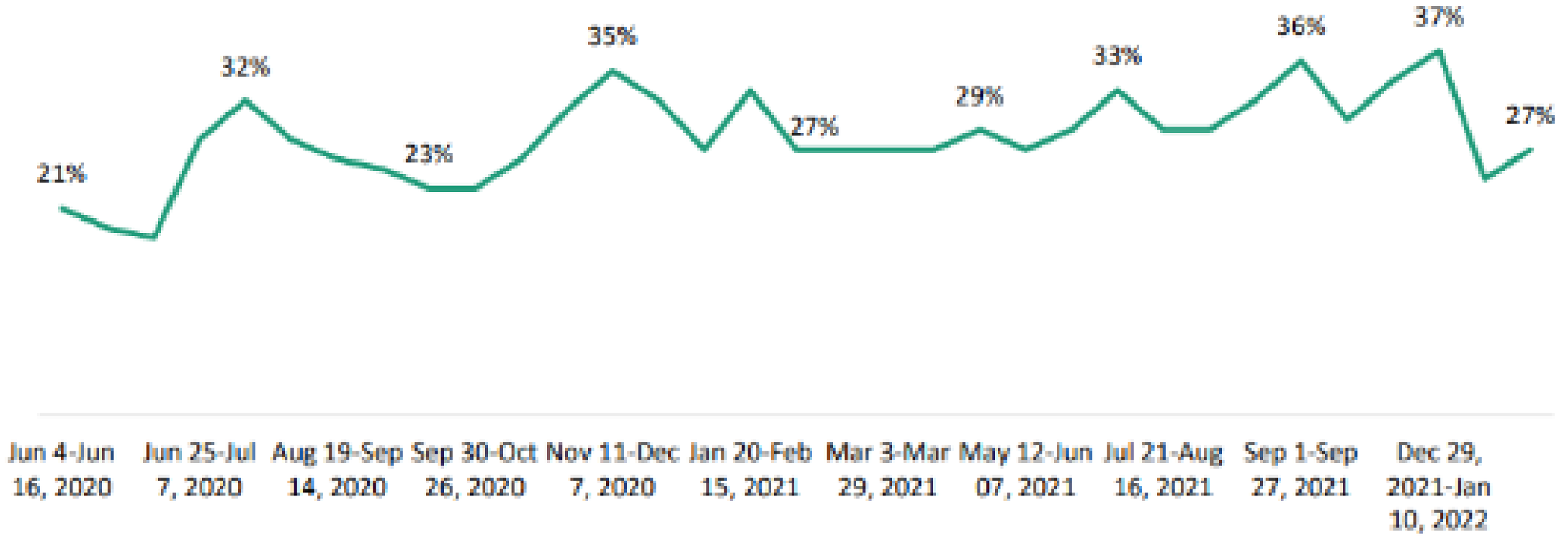
Over time, overweight and obesity is decreasing for adults in Gunnison.

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.

Mortality

Mortality

Gunnison County

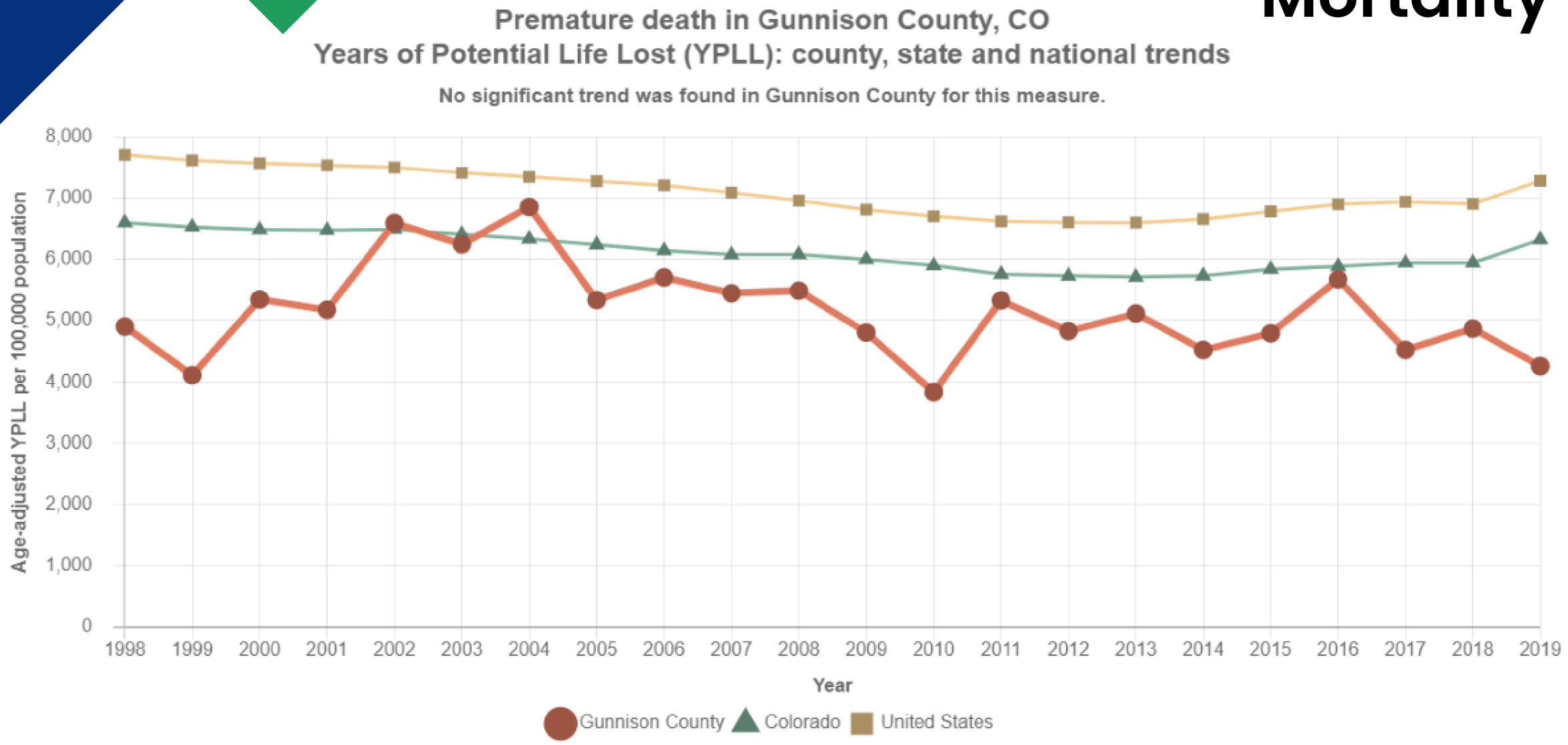
Top 5 Leading Cause of Years of Potential Life Lost (YPLL)

(measure of premature mortality)

1. **Unintentional Injuries (1,258 per 100,000)** 95 % CI: 1157, 1363
   Higher than the state (1,009 per 100,000) 95 % CI: 1003.6, 1013.8
2. **Suicide (706 per 100,000)** 95 % CI: 631, 785
   Higher than the state (580 per 100,000) 95 % CI: 576, 583.8
3. **Malignant Neoplasms (409 per 100,000)** 95 % CI: 352, 470
   Similar to the state (400 per 100,000) 95 % CI: 396.5, 403
4. **Chronic Respiratory Diseases (95 per 100,000)** 95 % CI: 69, 126
   Higher than the state (49 per 100,000) 95 % CI: 47.6, 49.9
5. **Heart Disease (54 per 100,000)** 95 % CI: 35, 78
   Lower than the state (296 per 100,000) 95 % CI: 292.9, 298.5

Source: 2018-2020 Colorado Vital Statistics, Database: COHID (Mortality Data)

Mortality



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

Source: County Health Rankings

Health Outcomes

Gunnison County

Age-adjusted Cancer Rates

Top 3 Cancer Sites (2015-2019)

Similar to state
48 per 100,000

55
per 100,000
Male Genital system Cancer Case Rate

95% CI: 47.09, 48.61

95% CI: 39.68, 70.3

Similar to state
69 per 100,000

53
per 100,000
Digestive system Cancer Case Rate

95% CI: 67.67, 69.56

95% CI: 37.02, 69.4

Higher than state
24 per 100,000

52
per 100,000
Skin Cancer Case Rate

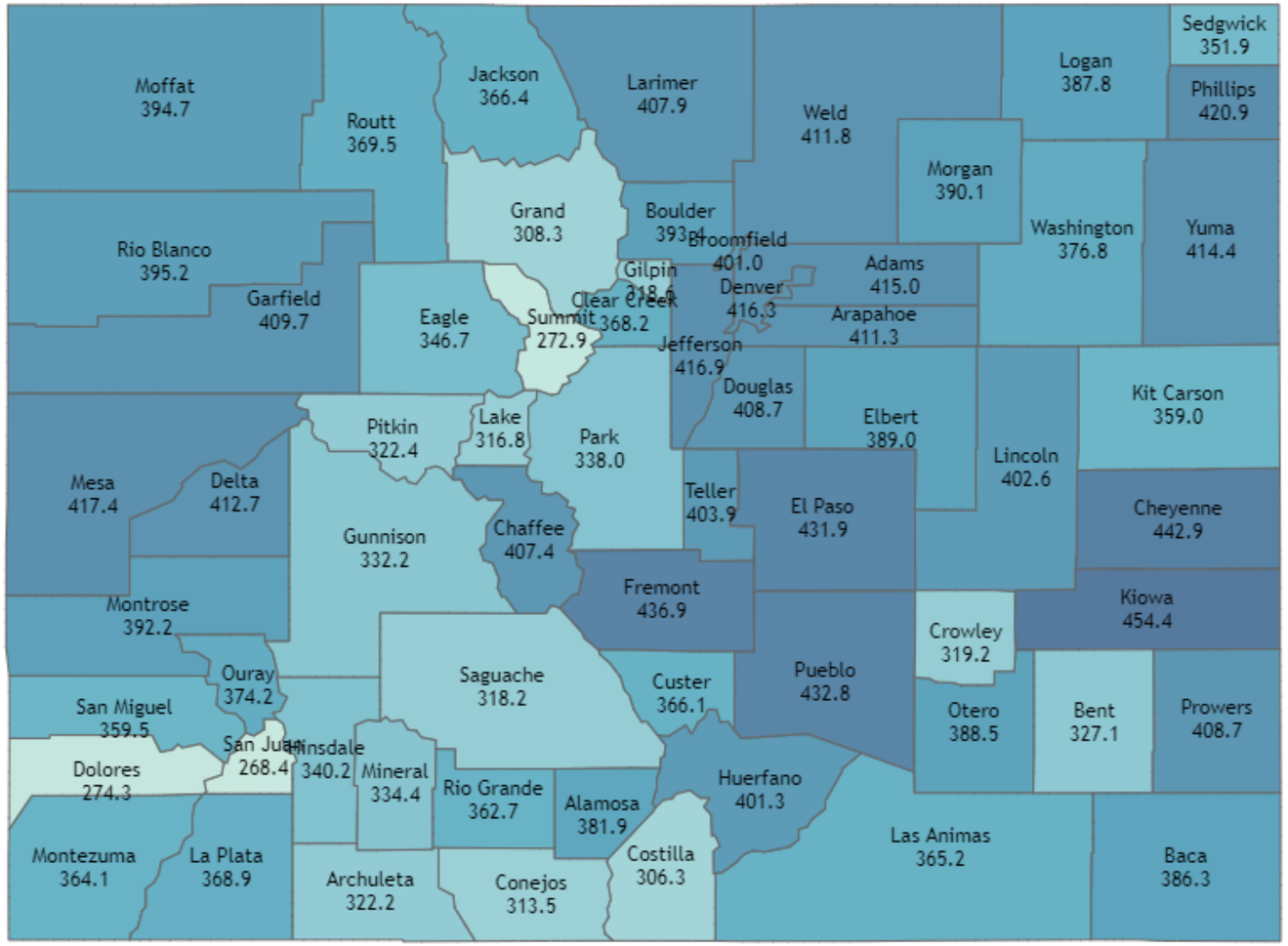
95% CI: 23.05, 24.17

95% CI: 36.16, 68

Health Outcomes

All Cancer Site Cases (2009-2019)

332.4 per 100,000



Source: Colorado Central Cancer Registry, COHID

Health Outcomes

Sexually Transmitted Diseases/Infections

(STD/STI Rates, 2018)

Gunnison County

Gonorrhea Infections

53

per 100,000

Lower than state (158 per 100,000)

Lower than US (179 per 100,000)

Chlamydia Infections

277

per 100,000

Lower than state (519 per 100,000)

Lower than US (540 per 100,000)

Source: National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, CDC

Health Insurance

Access to care
Insurance

Gunnison County

10.8% **Adults without Health Insurance coverage**

Similar to the state (10.8%)

95% CI Gunnison: 9.1, 12.5 **95% CI CO: 10.4, 11.2**

Source: Small Area Health Insurance Estimates, COHID, 2019

6.9% **Children without Health Insurance coverage**

Similar to the state (5.7%)

95% CI Gunnison: 5.2, 8.6 **95% CI CO: 5.2, 6.2**

Source: Small Area Health Insurance Estimates, COHID, 2019

73.3% **Adults who visited the dentist in the past year**

Similar to the state (67.3%)

95% CI Gunnison: 64, 82.6 **95% CI CO: 66.6, 67.9**

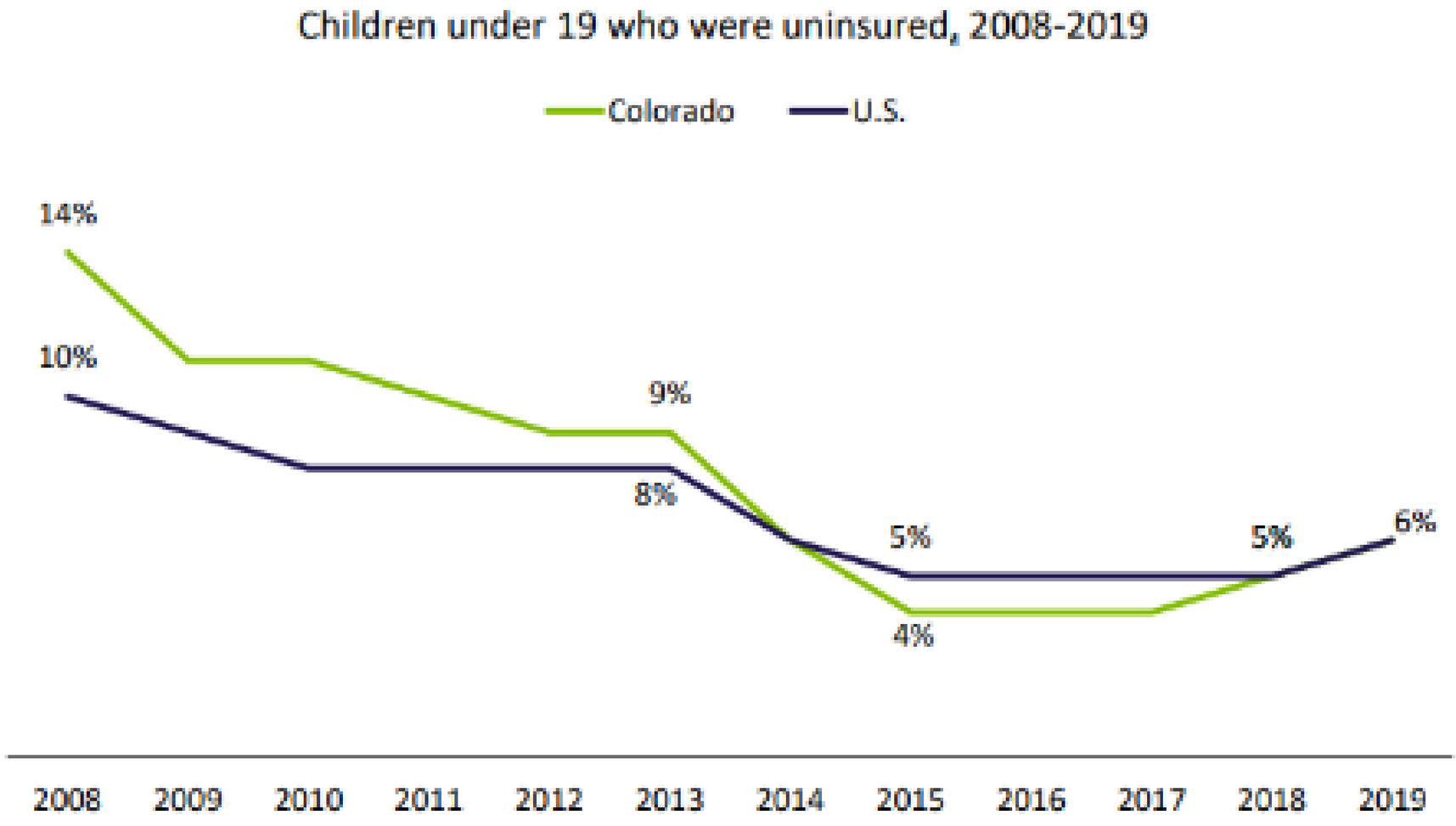
Source: Colorado Health Institute, COHID, 2016, 2018, 2020

7.1% **Children eligible but not enrolled in Medicare or CHP+**

State (6.3%)

Source: Behavioral Risk Factor Surveillance System, COHID, 2019

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



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

Aging

Aging in Place (Older Adult Health)

Gunnison County

Percent with a disability

15.4%
65-74 years old
State (22.2%)

49.1%
75+ years old
State (47.5%)

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

Ambulatory Difficulty

65 and older

12.7%

State (18.2%)

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

Independent Living Difficulty

65 and older

6.9%

State (11.4%)

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

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

40.7%

Region 10

95% CI: 36.1%, 45.3%

Lower than the state (49.3%)

95% CI: 48.4%, 50.17%

Source: Behavioral Risk Factor Surveillance System, COHID

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

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