



# El Dorado County Public Health

## Community Health Improvement Plan Stakeholder Taskforce

January 19, 2023





# AGENDA

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Welcome and Introductions

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Purpose of Taskforce

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Top 3 Health Issues

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Root Cause Analysis

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Next Steps/Questions

# Project Overview

*Timeline:*

February 2022 –  
May 2023

## Final Products:

- Community Health Assessment
- Community Health Improvement Plan



# Data Analysis

## Top 12 Health Issues

### Methodology:

- Federal, State and Local Data Sources
- Criteria for Selection:
  - Is the issue worse in El Dorado County than state/US
  - Are there significant disparities among populations
  - Is issue trending in the wrong direction
- 12 Issues Selected



# Top 12 Health Issues...

*The Data  
Says...*

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Heart Disease

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Cancer

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Accidents, Unintentional Injuries, Motor Vehicle Accidents

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Liver Disease/Cirrhosis

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Alzheimer Disease

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Mental Health And Suicide

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Substance Use / Drug Overdose

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Diabetes

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Obesity And Overweight

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Asthma

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Maternal Health

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Child Health



# Community Engagement

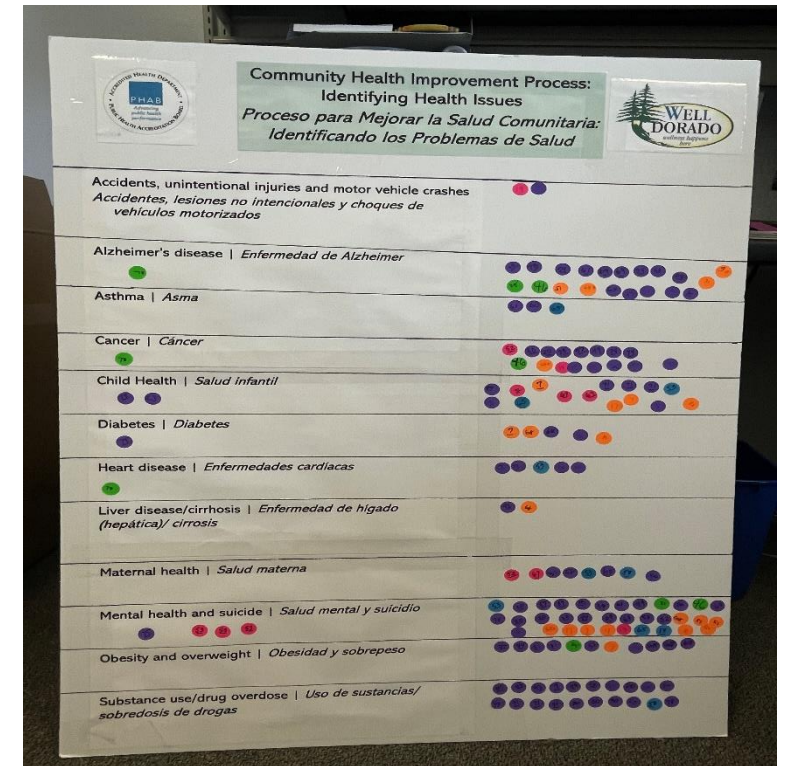
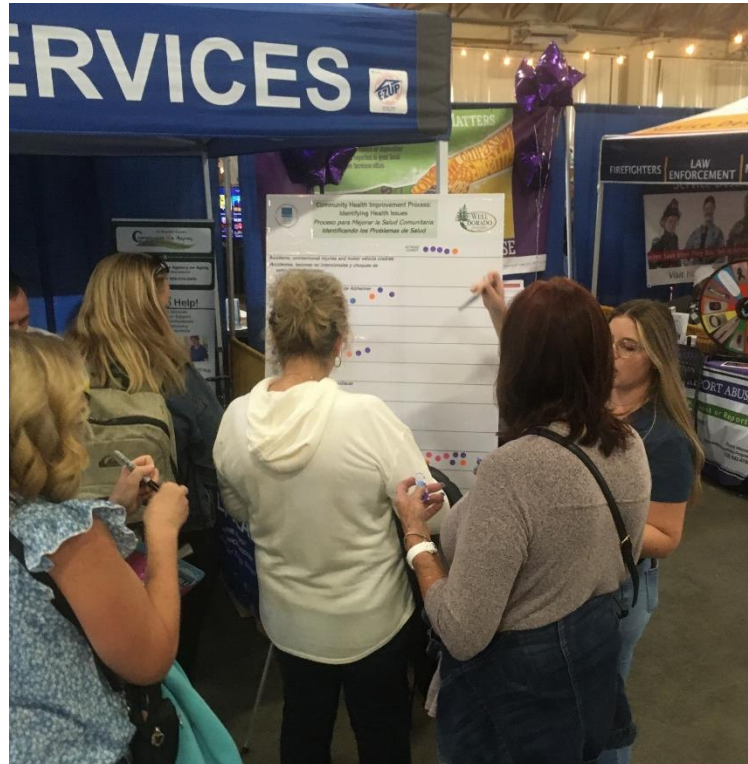
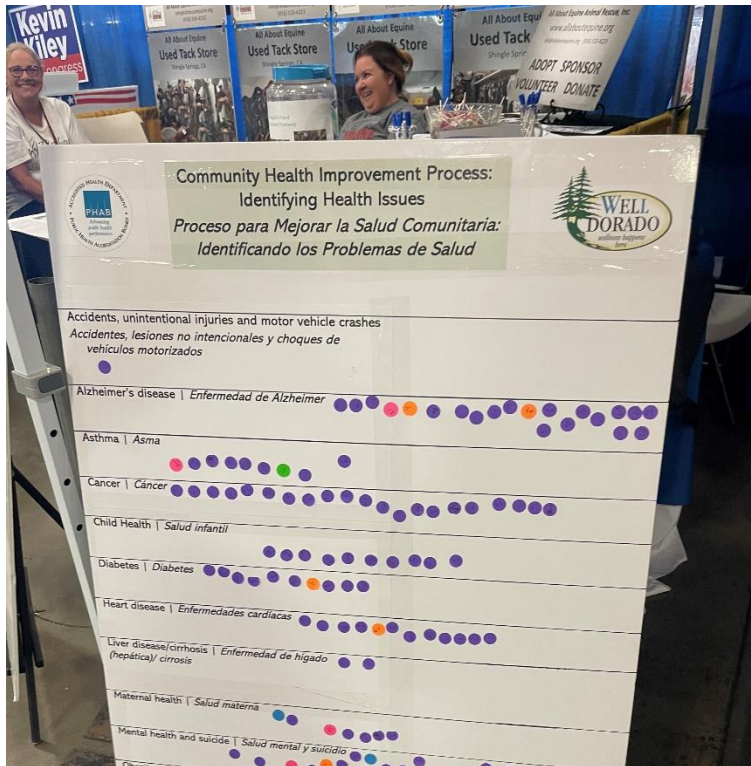
## Community-Driven Prioritization Process

- 25 Geographically dispersed Community Polling “Hot Dots” events (June – October 2022)
- Bilingual Electronic Survey (August and September 2022)

# Community-Driven Prioritization Process

## Hot Dots at Community Events

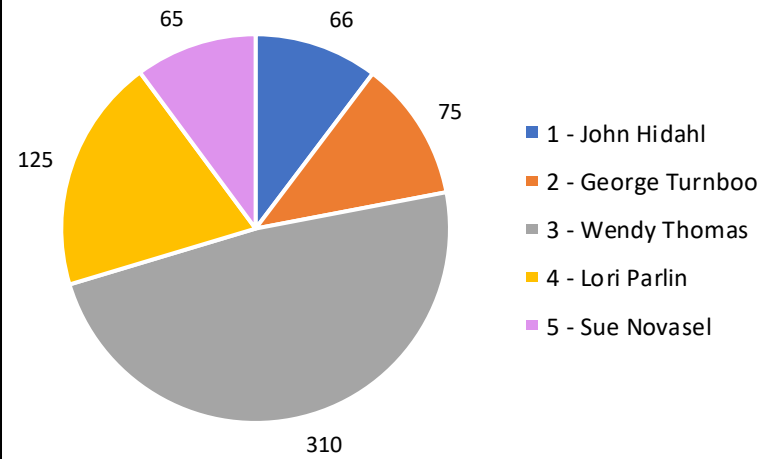
- 25 events
- 640 responses



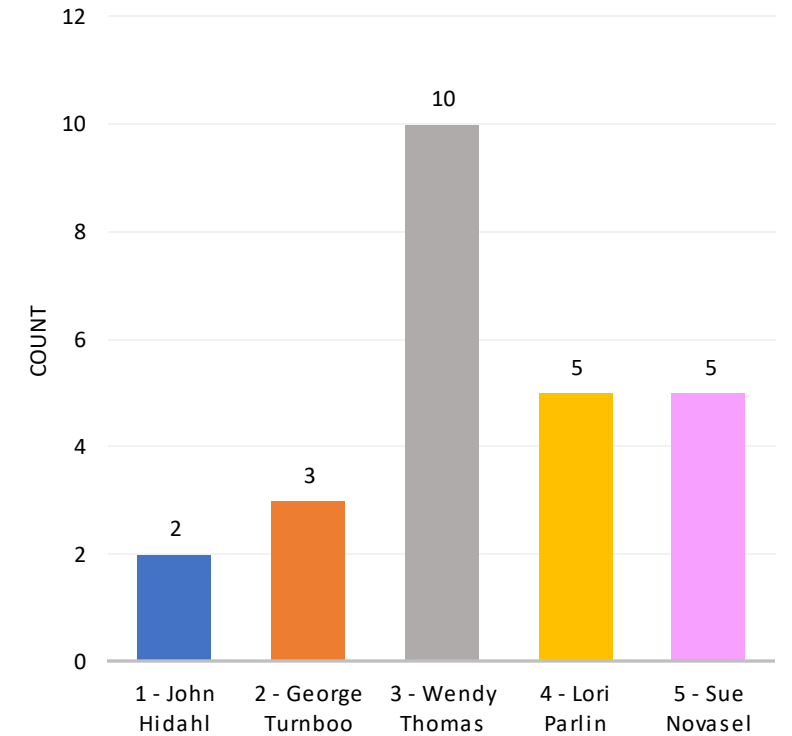


# Hot Dots Community Polling

## Hot Dot Respondents by Supervisor Districts

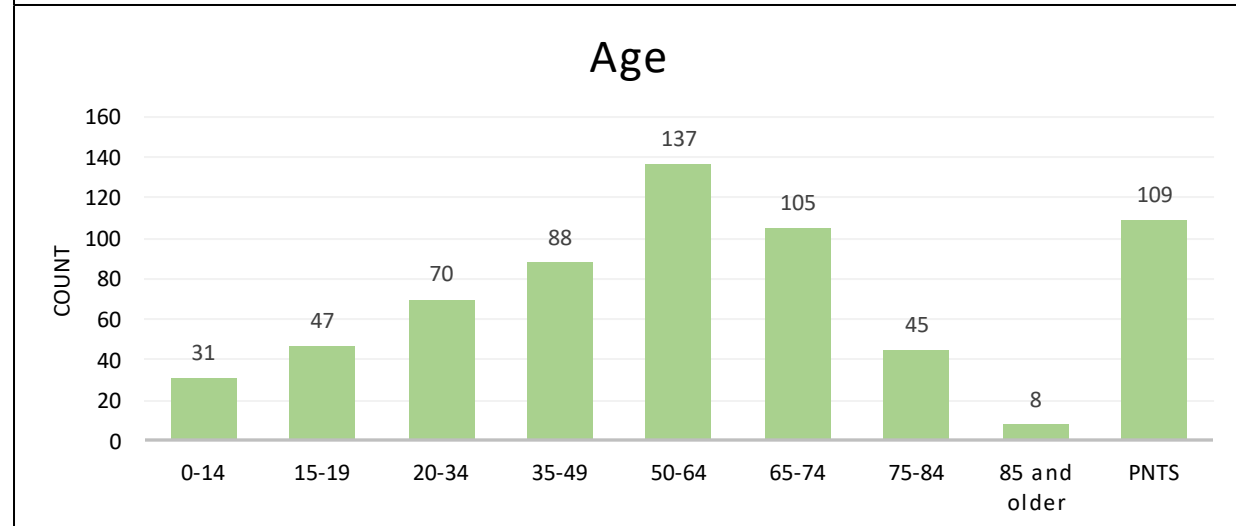
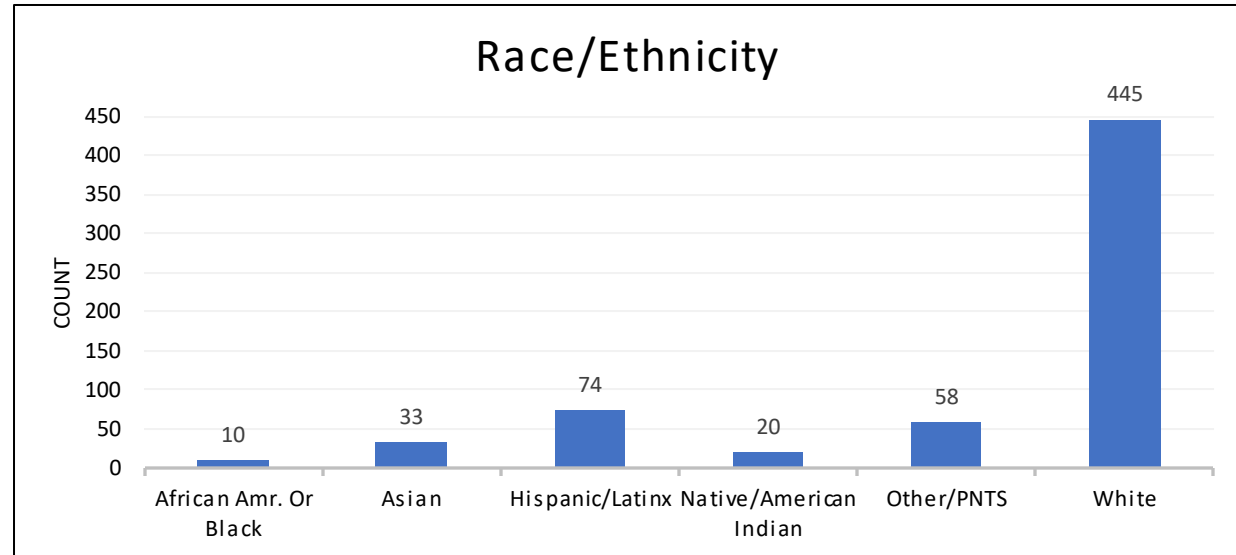


## 25 Community Polling Events





# Hot dots demographics (age, race/ethnicity)



# Community-Driven Prioritization Process

## Electronic Survey

- Opened early August
- Closed September 30, 2022
- 864 responses

### Proceso para Mejorar la Salud Comunitaria del Condado de El Dorado: Identificando los Problemas de Salud

Salud Pública está comenzando nuestro Proceso para Mejorar la Salud Comunitaria y estamos buscando su opinión para determinar qué problemas de salud son más importantes para usted. Es igual que usar una aplicación de navegación en tu teléfono, Salud Pública se basa en datos como los que obtenemos de esta encuesta para identificar nuestras rutas desde donde estamos como comunidad hasta donde queremos estar. Su participación en esta encuesta nos ayudará a generar los resultados positivos que más le importan a usted.

If you would prefer to take this survey in English, please [click here](#).

OK

### El Dorado County Community Health Improvement Process: Identifying Health Issues

Public Health is beginning our Community Health Improvement Process and we are seeking your input to determine what health issues are most important to you. Much like using a navigation app on your phone, Public Health draws on data like we get from this survey to chart our routes from where we are as a community to where we want to be. Your participation in this survey will help us to drive positive outcomes that matter most to you.

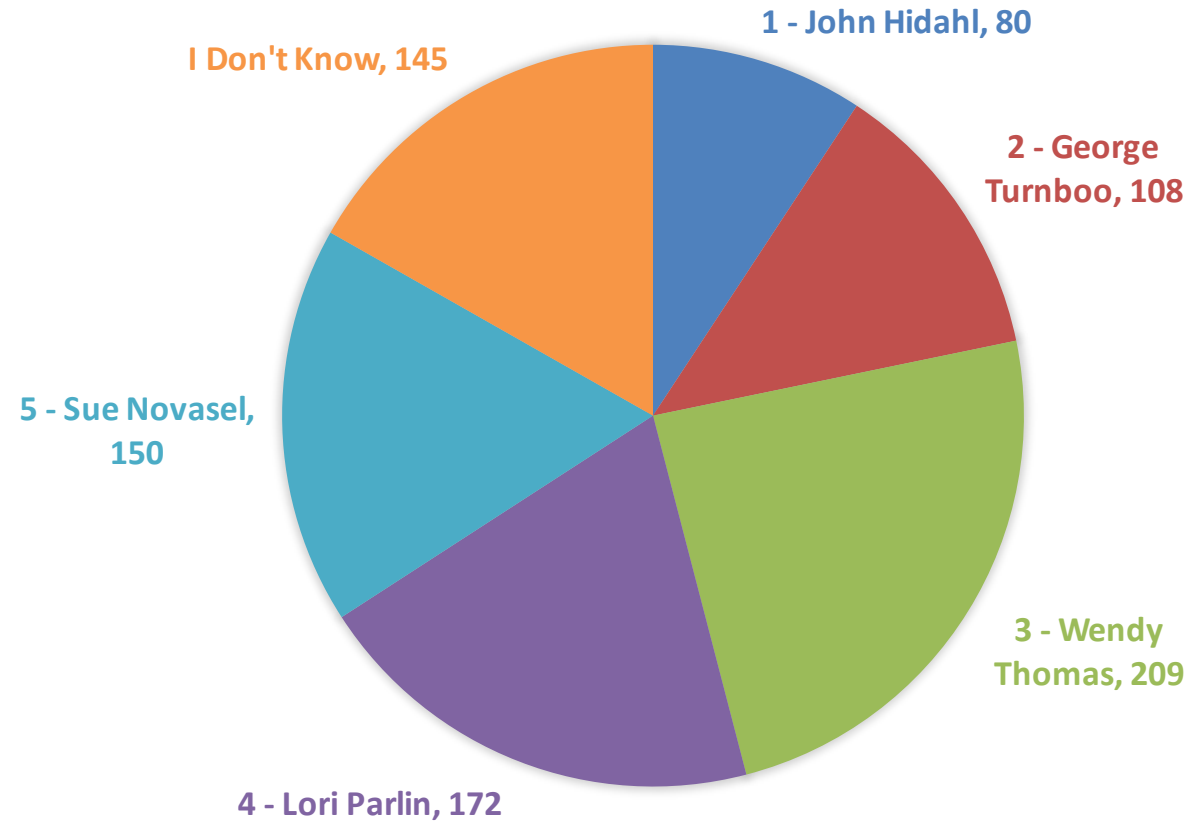
Si prefiere completar esta encuesta en español, haga clic [aquí](#).

OK

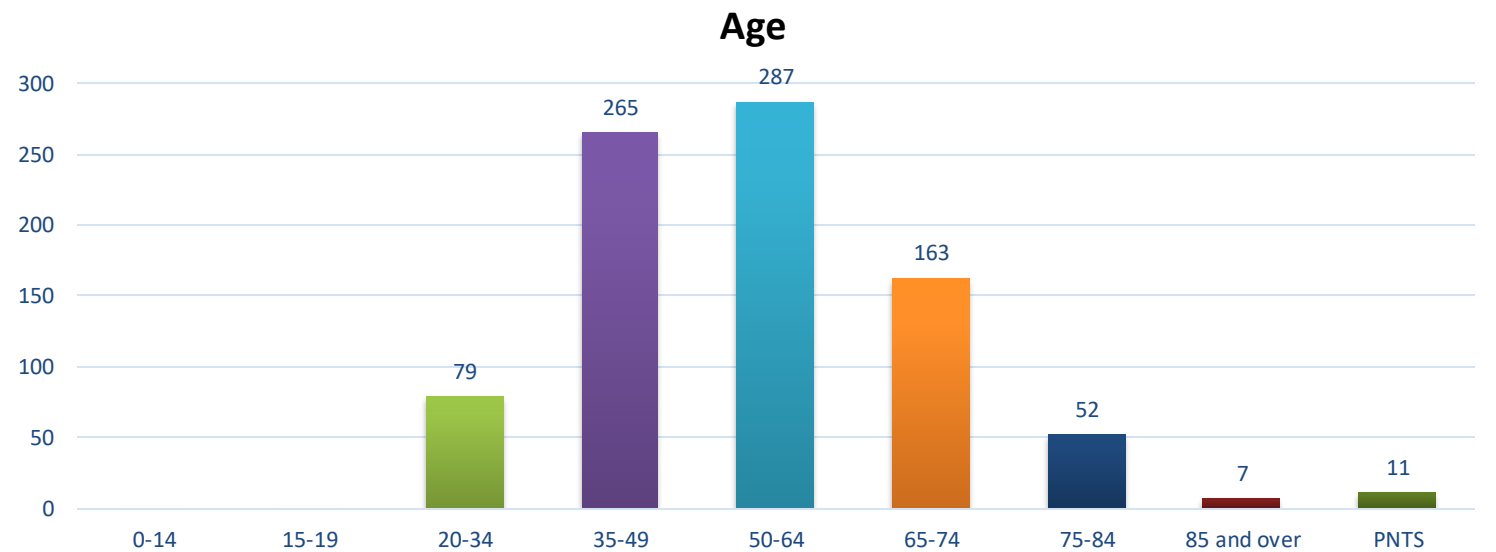
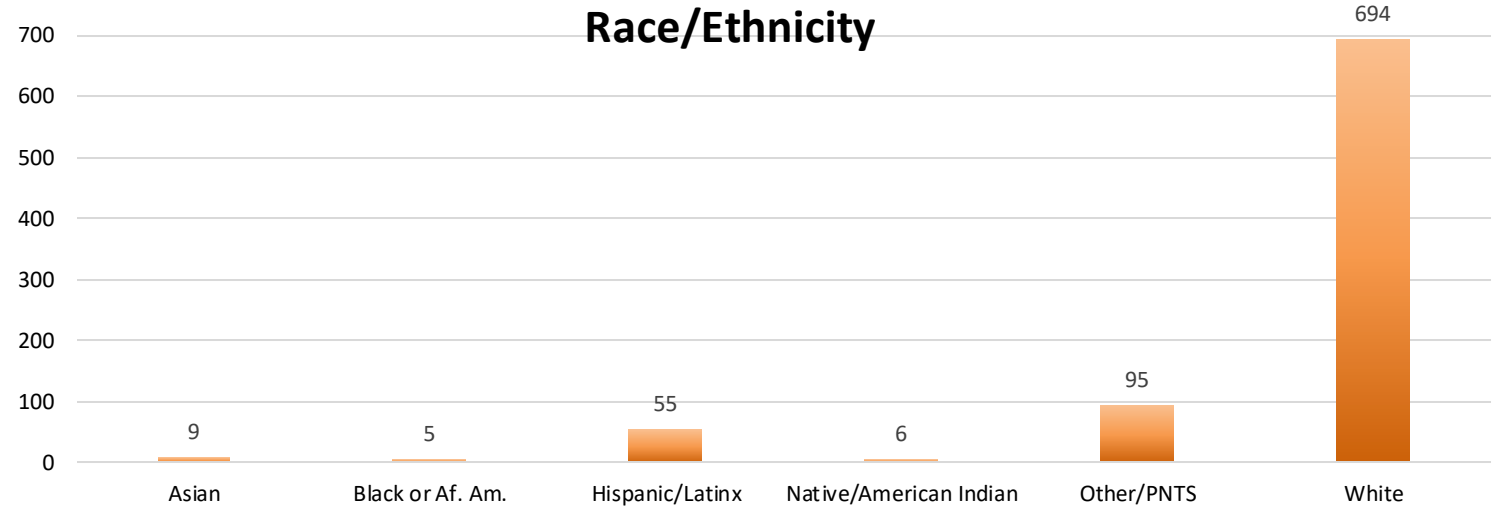
# Survey numbers

N = 864

## TOTAL BY SUPERVISOR DISTRICT



# Survey Demographics

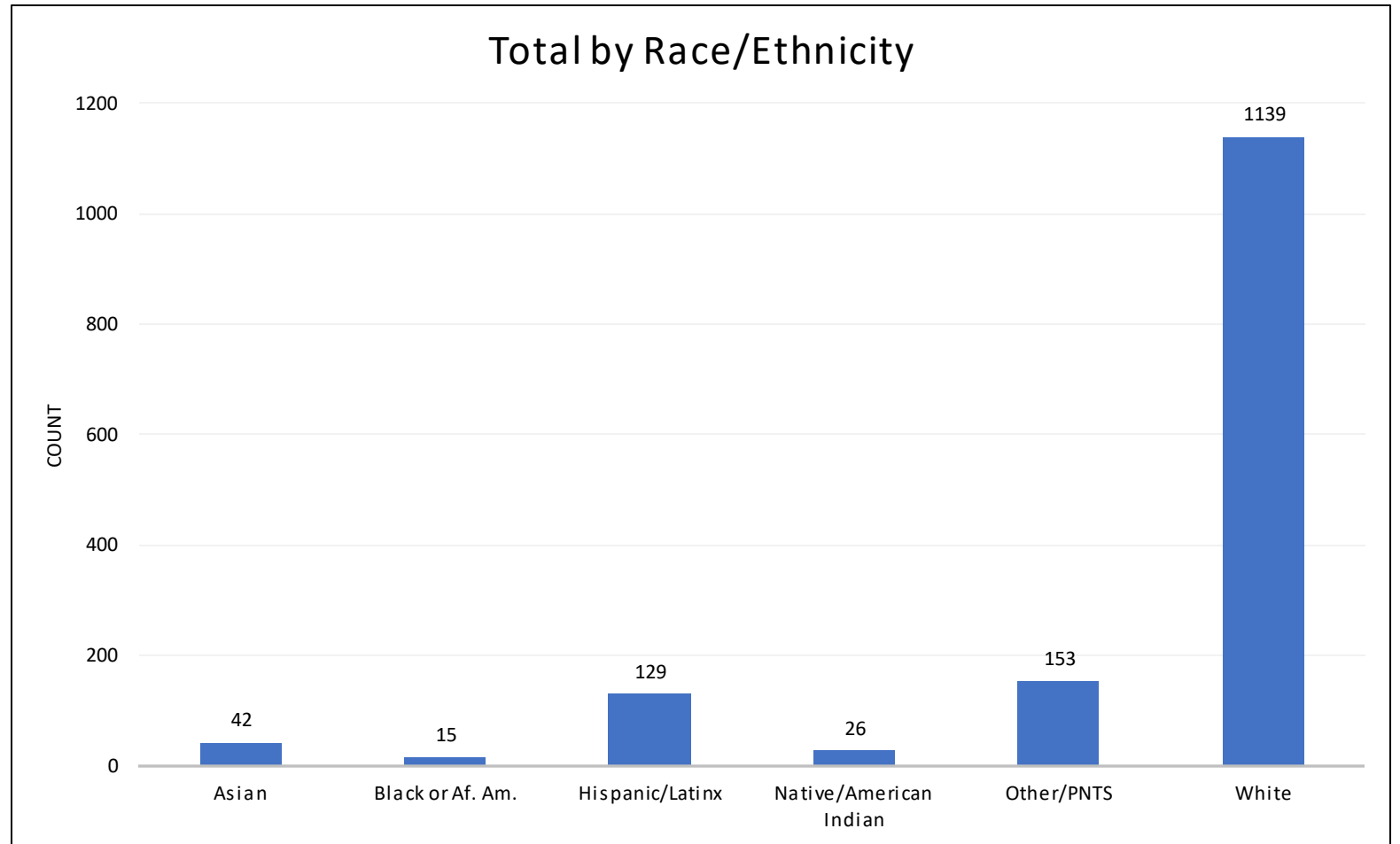




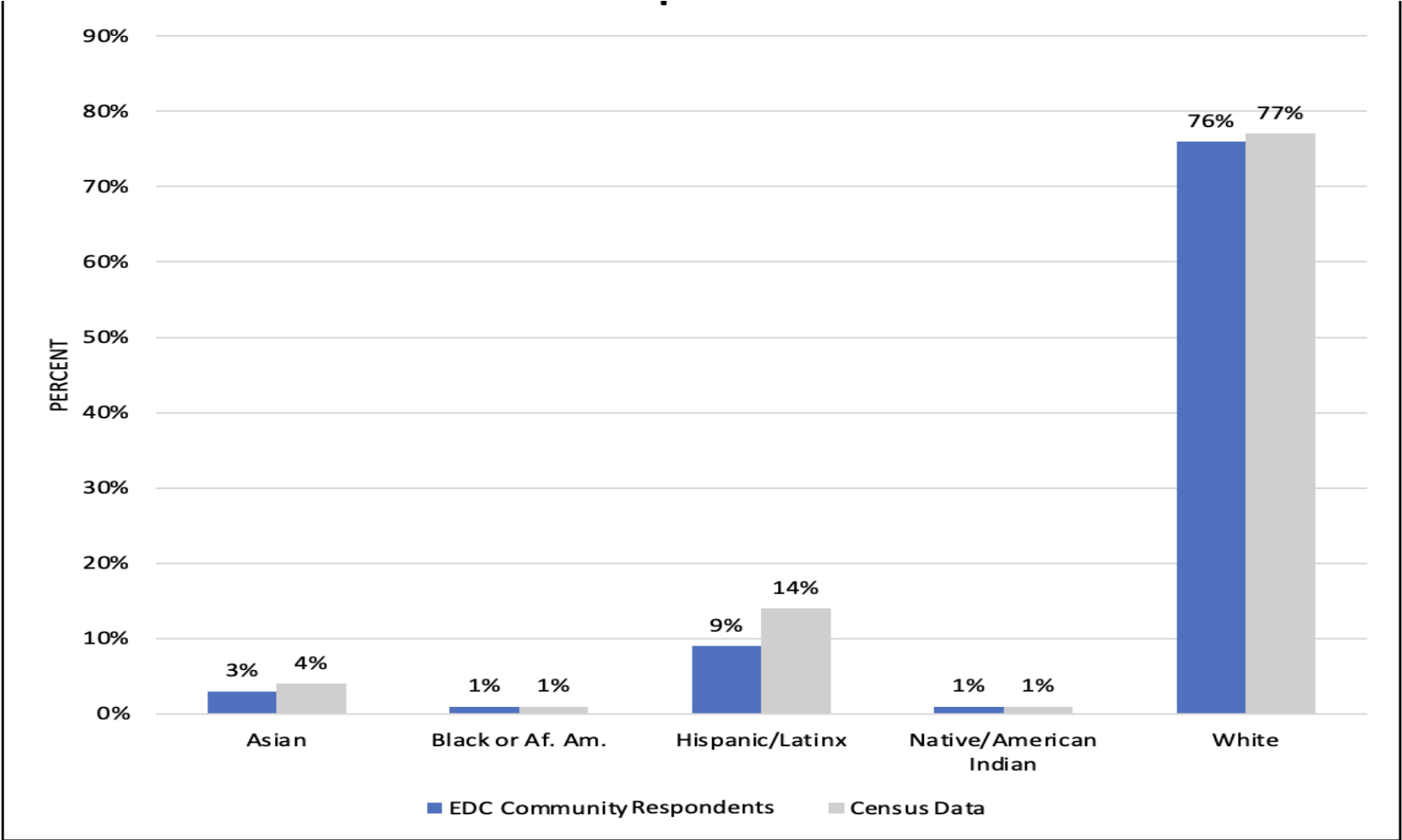


# Combined Community Polling and Survey Demographics

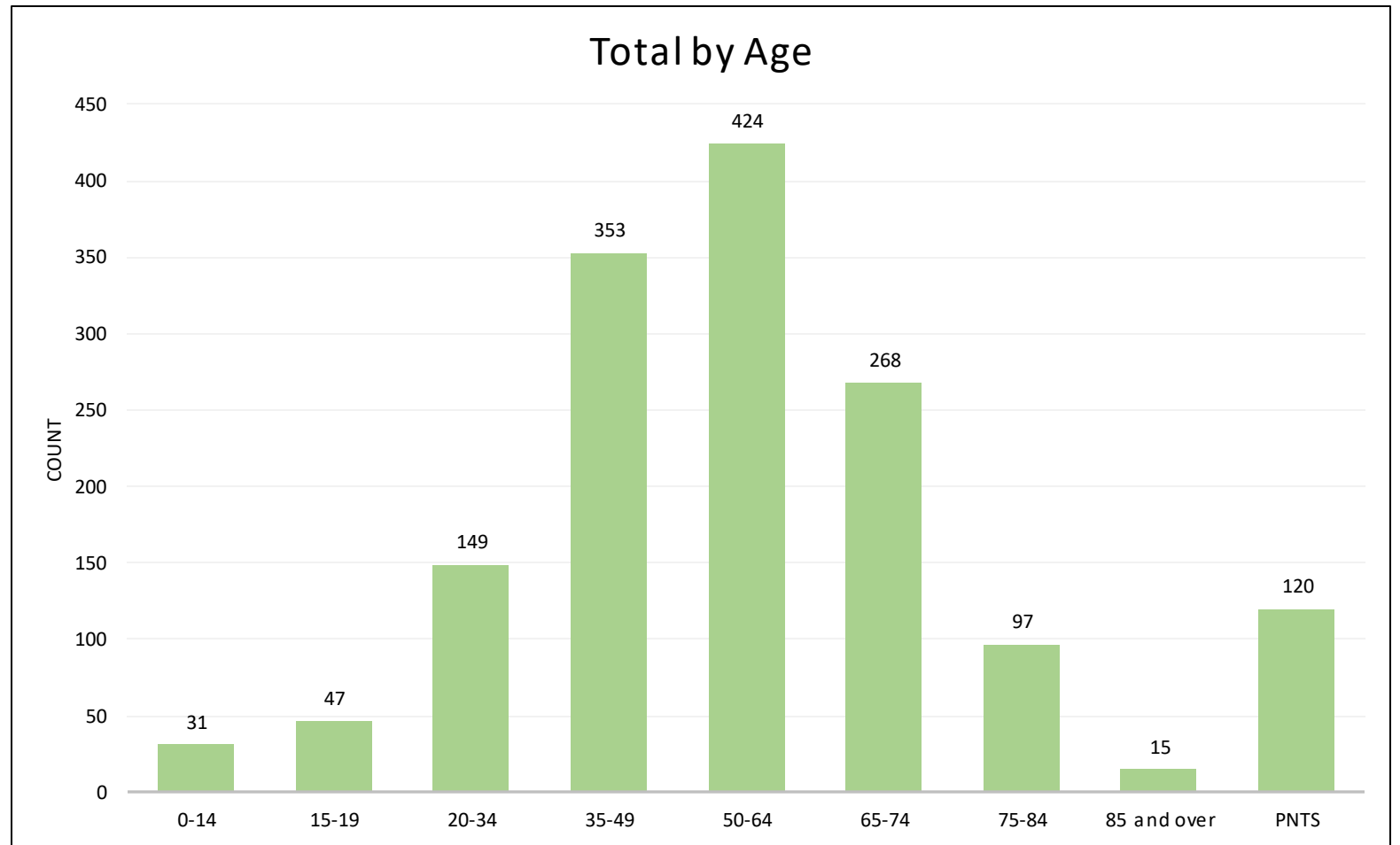
# Race/Ethnicity



# Race/Ethnicity Comparison to County Population

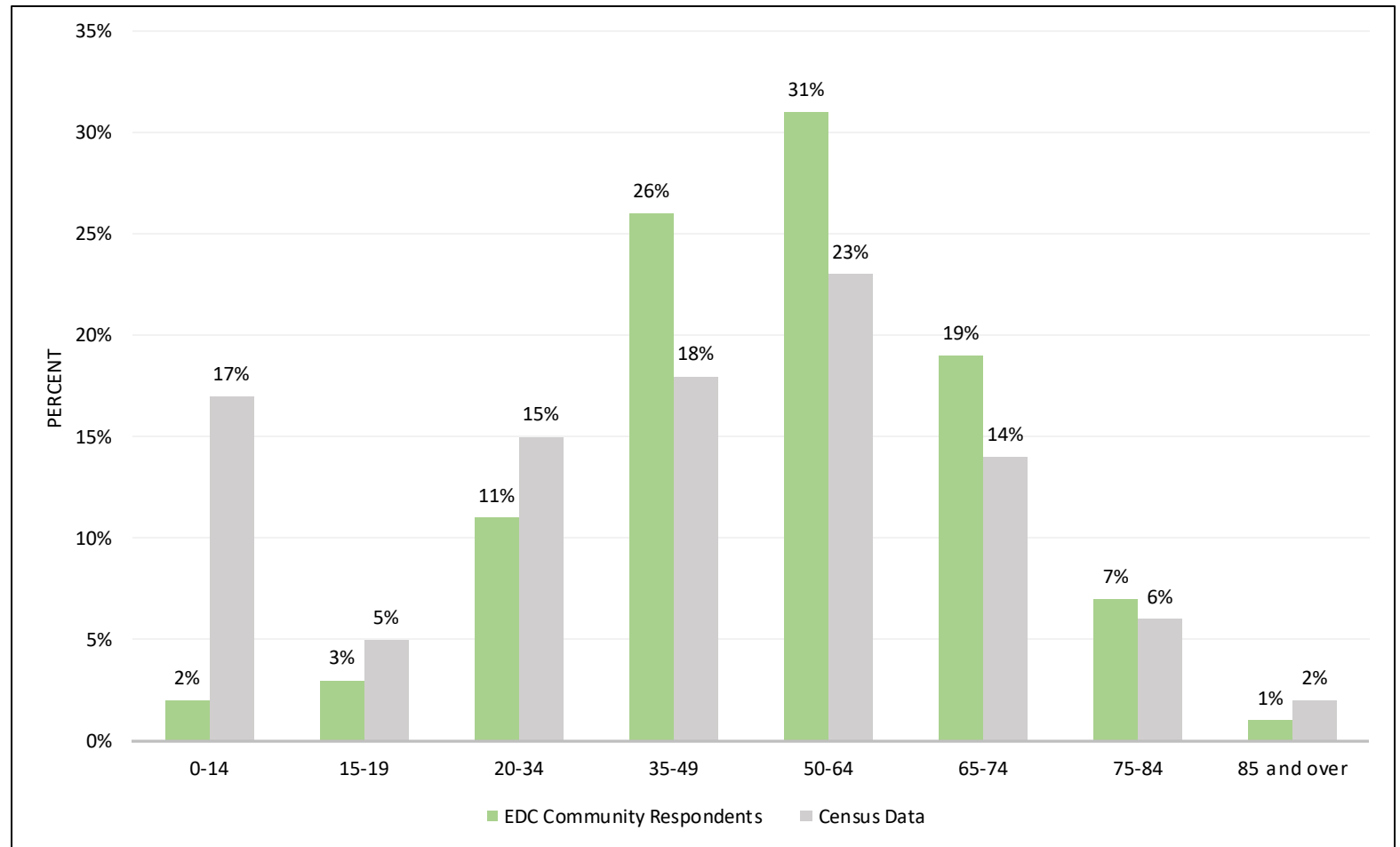


# Age

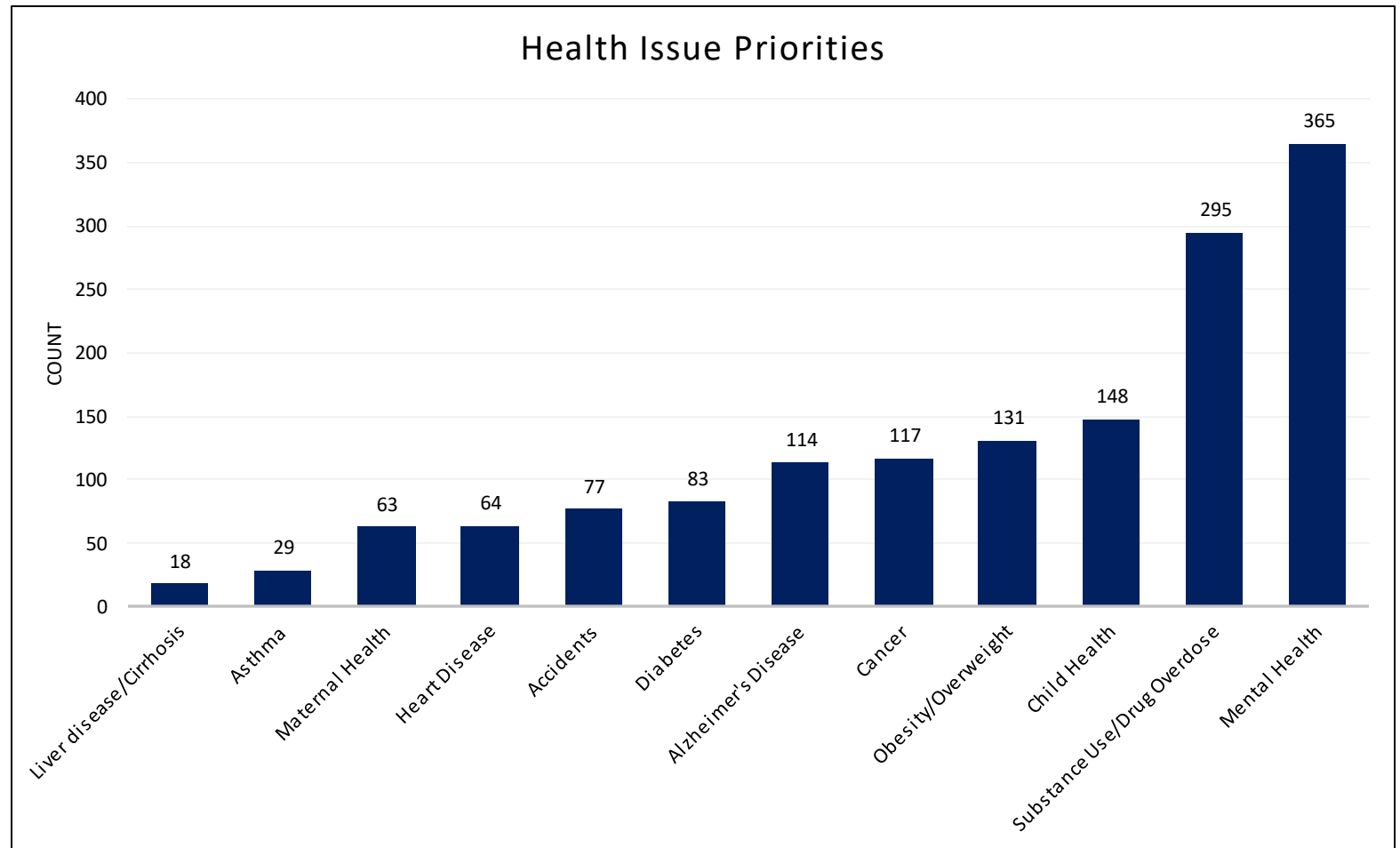




# Age Comparison to County Population



# Health Issue Priorities





# Top Health Issues by Race/Ethnicity

- **African American or Black:** Substance Use/Drug Overdose; Mental Health; Diabetes; Heart Disease
- **Asian:** Mental Health and Suicide; Alzheimer's Disease; Substance Use/Drug Overdose; Obesity/Overweight
- **Hispanic/Latinx:** Mental Health and Suicide; Diabetes; Child Health; Obesity/Overweight
- **Native/American Indian:** Mental Health and Suicide; Substance Use/Drug Overdose; Obesity/Overweight; Alzheimer's Disease
- **Other/PNTS:** Mental Health and Suicide; Substance Use/Drug Overdose; Obesity/Overweight; Cancer
- **White:** Mental Health and Suicide; Substance Use/Drug Overdose; Child Health; Obesity/Overweight



# Top Health Issues by Age Category

- **Ages 0-34:** Mental Health and Suicide; Substance Abuse/Drug Overdose; Child Health; Obesity/Overweight
- **Ages 35-64:** Mental Health and Suicide; Substance Abuse/Drug Overdose; Obesity/Overweight; (tie) Alzheimer's Disease and Child Health
- **Ages 65+:** Mental Health and Suicide; Substance Abuse/Drug Overdose; Alzheimer's Disease; (tie) Obesity/Overweight and Child Health



Top Health  
Concerns  
Identified  
through Surveys

**Mental Health and Substance  
Use Disorder**

**Overweight/Obesity**

**Child Health**



# Mental Health and Substance Use Disorder

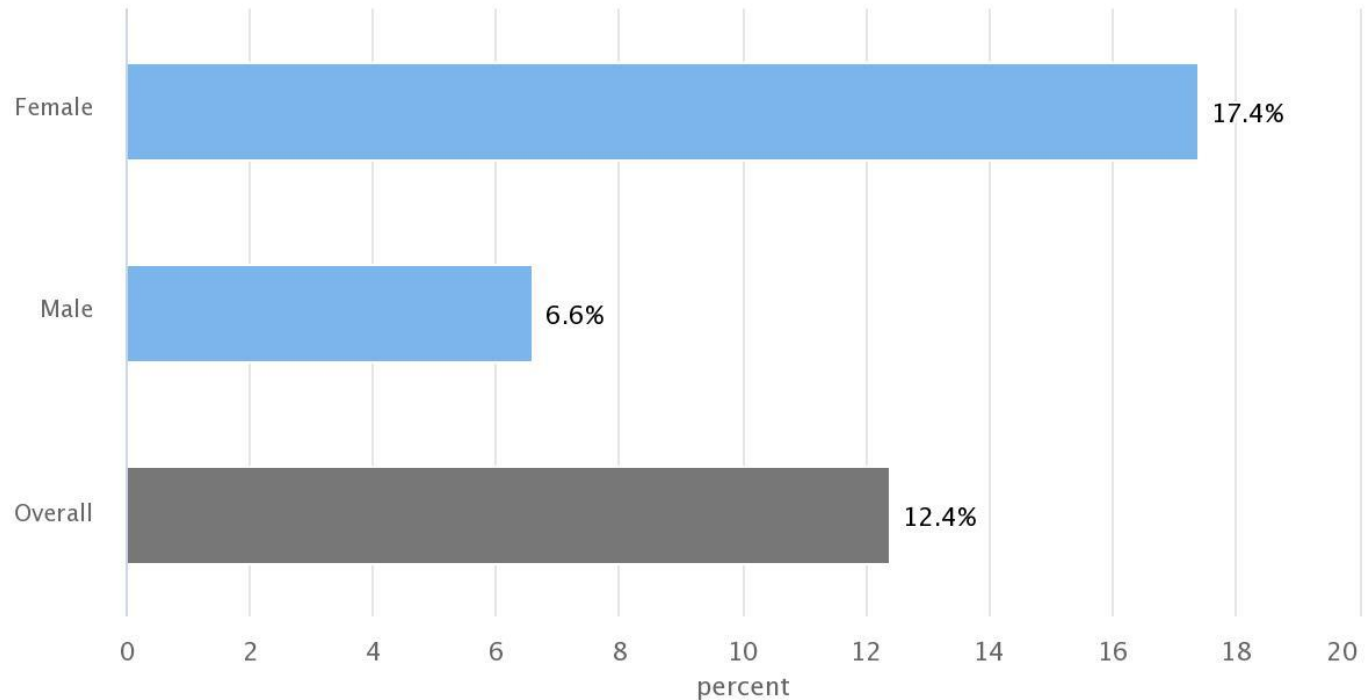
# Mental Health and Substance Use Disorder

## Adults Who Ever Thought Seriously About Committing Suicide

**12.6%**  
(2020-2021)

CA Counties CA Value (15.6%) Prior Value (12.4%) Trend

Adults Who Ever Thought Seriously About Committing Suicide by Gender  
County: El Dorado



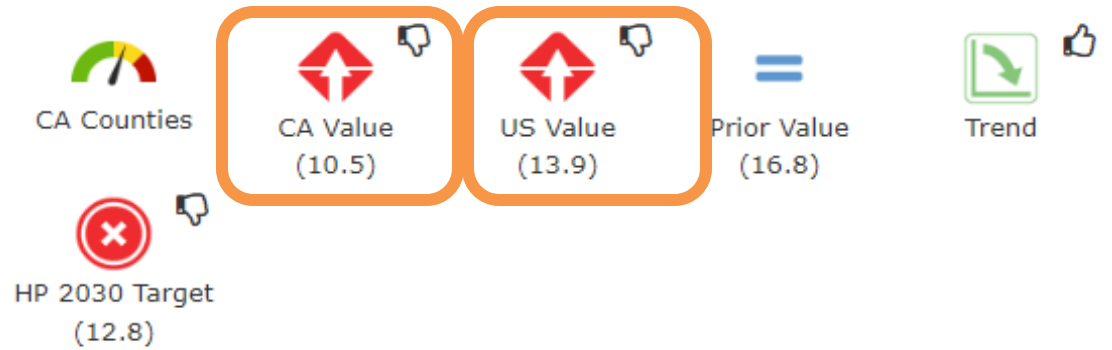
Source: California Health Interview Survey (2019-2020)

## Mental Health and Substance Use Disorder

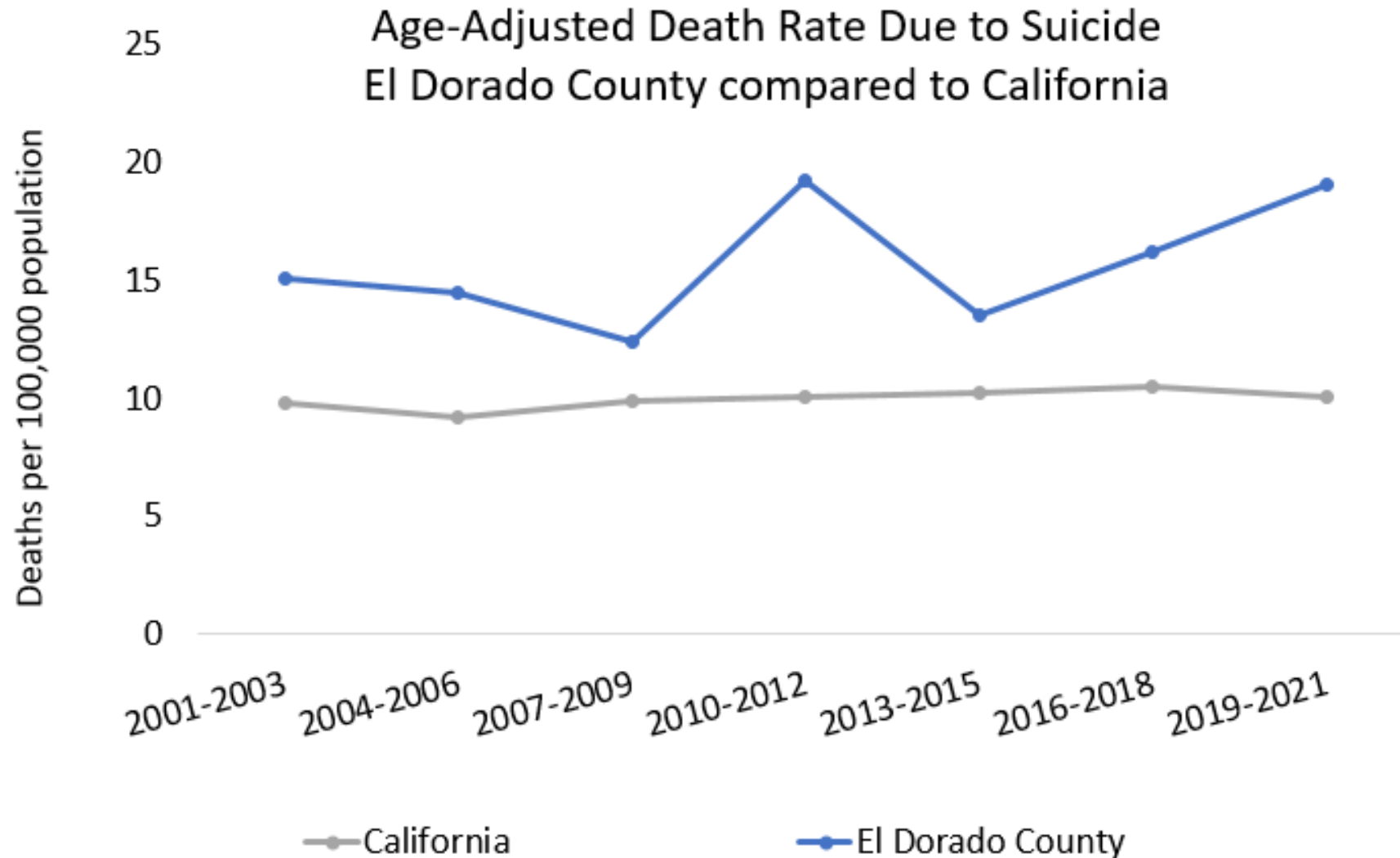
### Age-Adjusted Death Rate due to Suicide

16.7

Deaths per 100,000  
population  
(2018-2020)







# Age-Adjusted ED Visit Rate due to All Drug Overdose

## Mental Health and Substance Use Disorder

**147.8**  
Rate per 100,000 residents  
(2020)

  
CA Counties

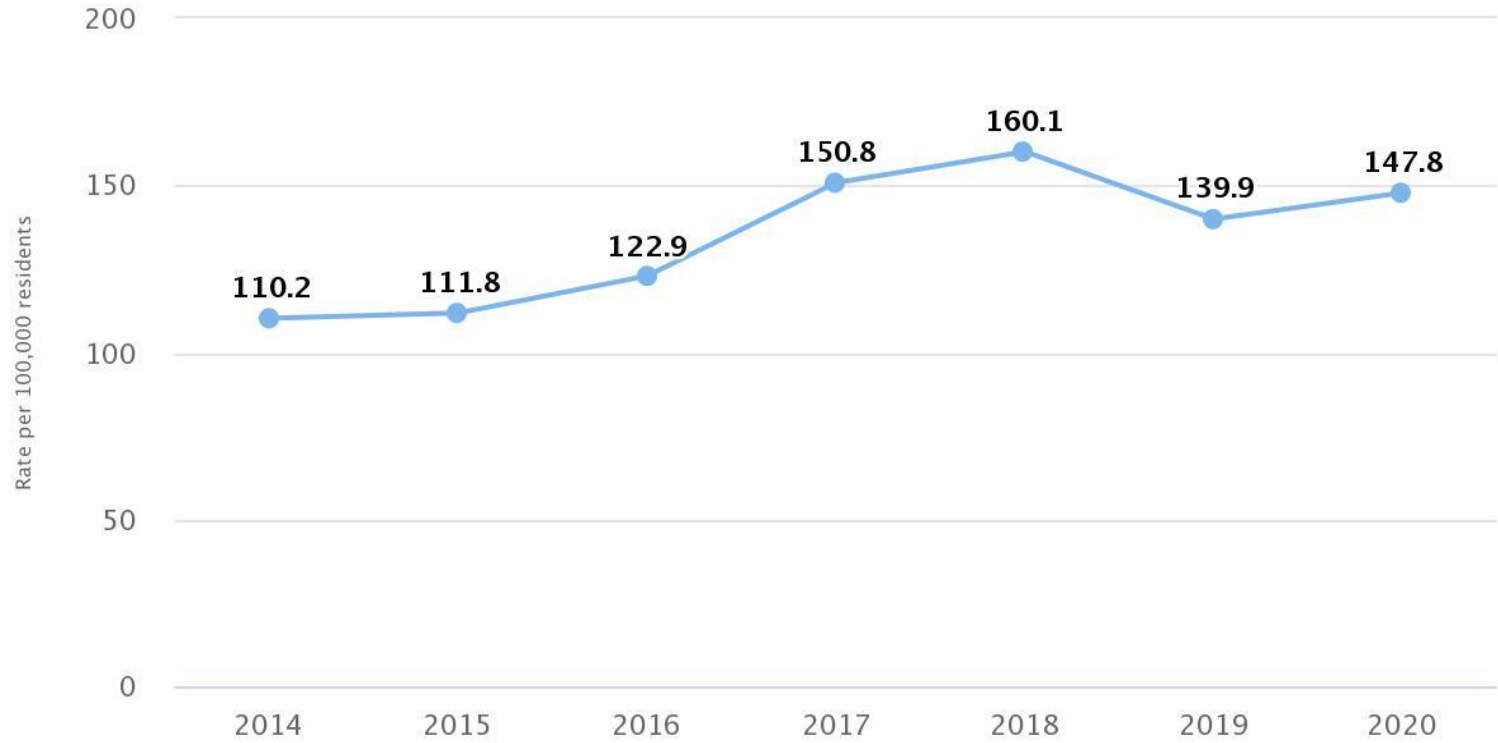
  
CA Value  
(130.7)

=  
Prior Value  
(139.9)

  
Trend

welldorado.org

Age-Adjusted ED Visit Rate due to All Drug Overdose  
County: El Dorado




Source: California Opioid Overdose Surveillance Dashboard (2020)

## Mental Health and Substance Use Disorder

Age-Adjusted Death Rate due to Drug Use

20.2

Deaths per 100,000  
population  
(2018-2020)

 CA Counties



CA Value  
(17.8)

=  
Prior Value  
(20.0)

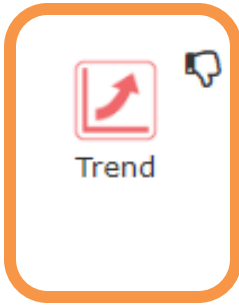
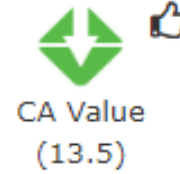


Trend

## Mental Health and Substance Use Disorder

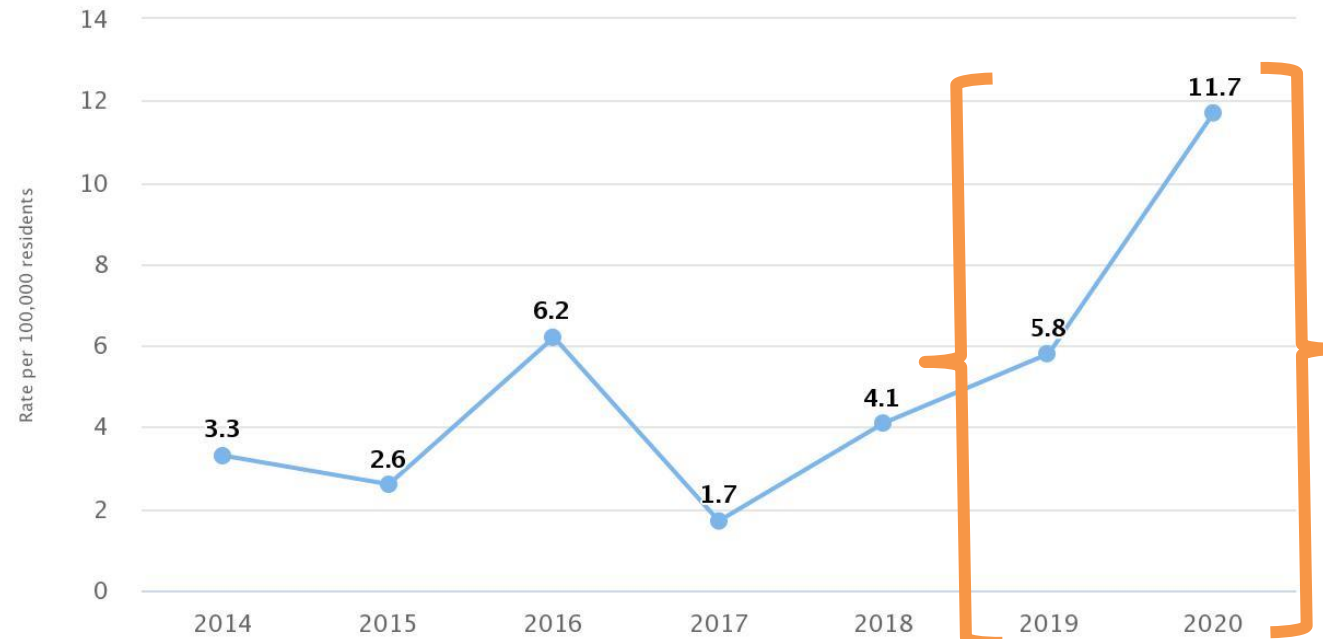
### Age-Adjusted Death Rate due to All Opioid Overdose

**11.7**  
Rate per 100,000 residents  
(2020)



Age-Adjusted Death Rate due to All Opioid Overdose  
County: El Dorado

welldorado.org



Source: California Opioid Overdose Surveillance Dashboard (2020)





# Overweight/ Obesity

*Overweight/Obesity*

Adults who Drink Sugar-Sweetened Beverages

**8.7%**  
(2019-2020)



CA Value  
(13.7%)



Prior Value  
(7.7%)

*Overweight/Obesity*

Adults Who Are Obese

19.9%  
(2021)



CA Counties



CA Value  
(28.2%)



US Value  
(31.9% in  
2020)



Prior Value  
(26.6%)





Trend


## Children who are Overweight for Age

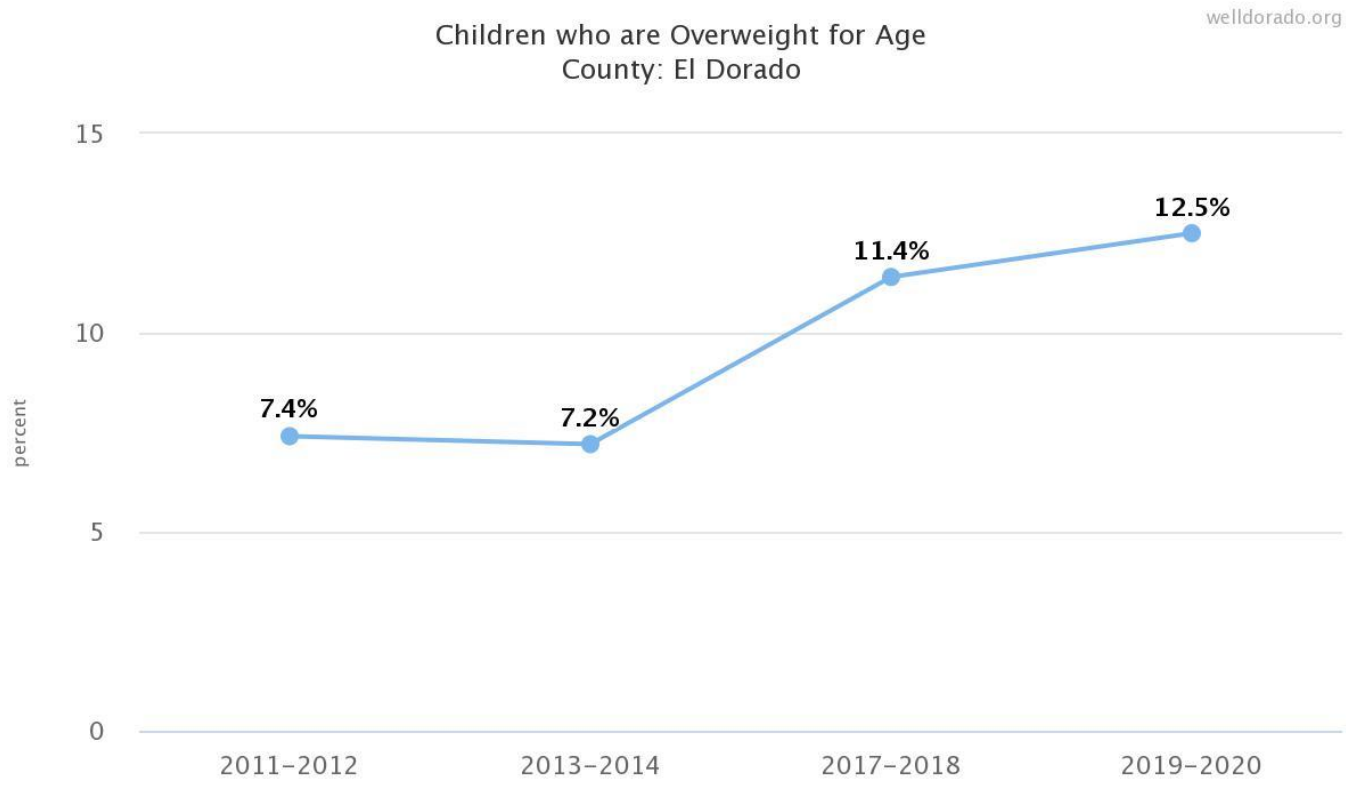
**12.5%**  
(2019-2020)

## Overweight/Obesity

  
CA Value  
(13.9%)

  
Prior Value  
(11.4%)

  
Trend



Source: California Health Interview Survey, Neighborhood Edition (2019-2020)

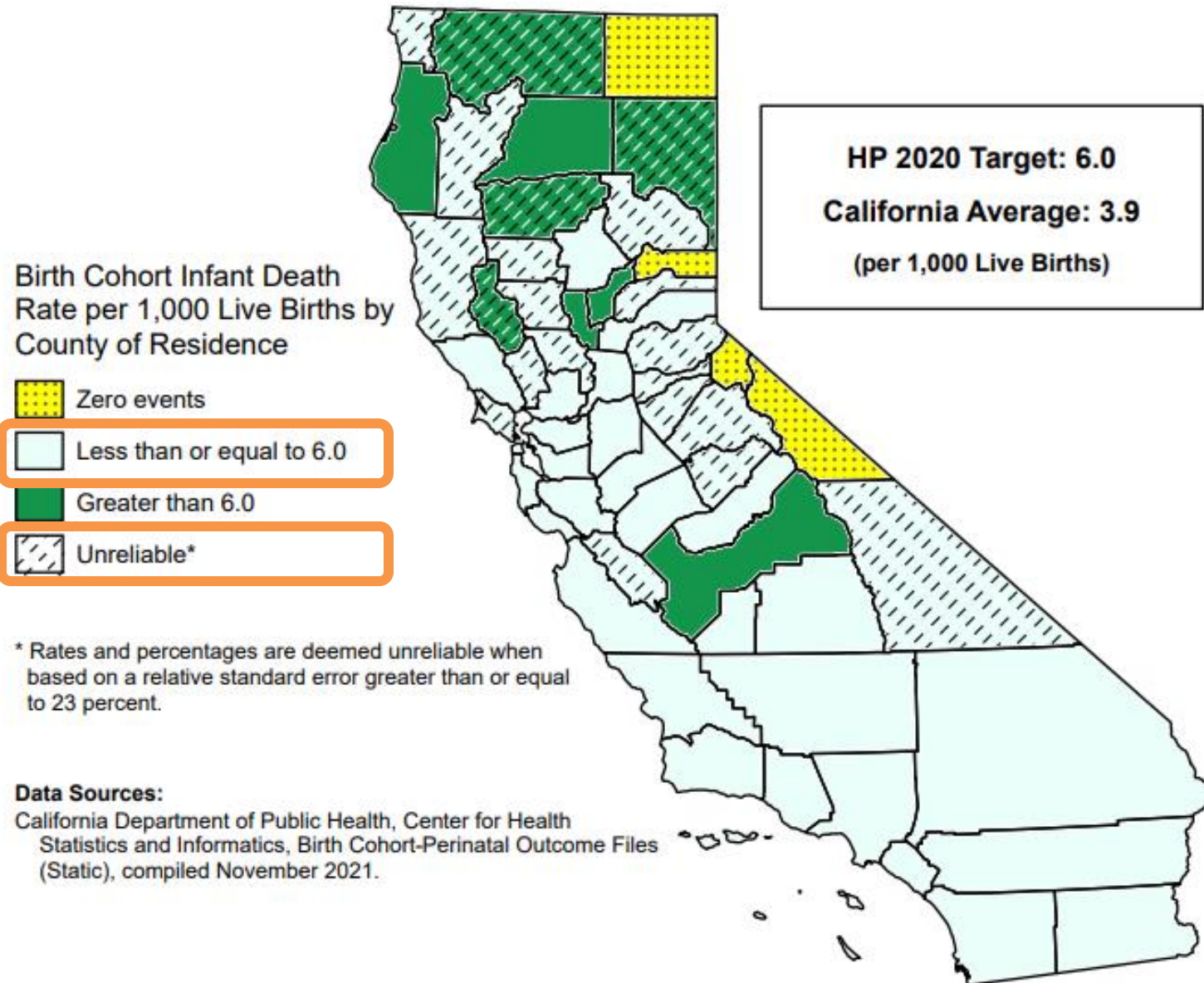




# Child Health



# INFANT MORTALITY, ALL RACE/ETHNIC GROUPS, 2017–2019

Child Health






Substantiated Child Abuse Rate



**6.4**  
Cases per 1,000 children  
(2021)

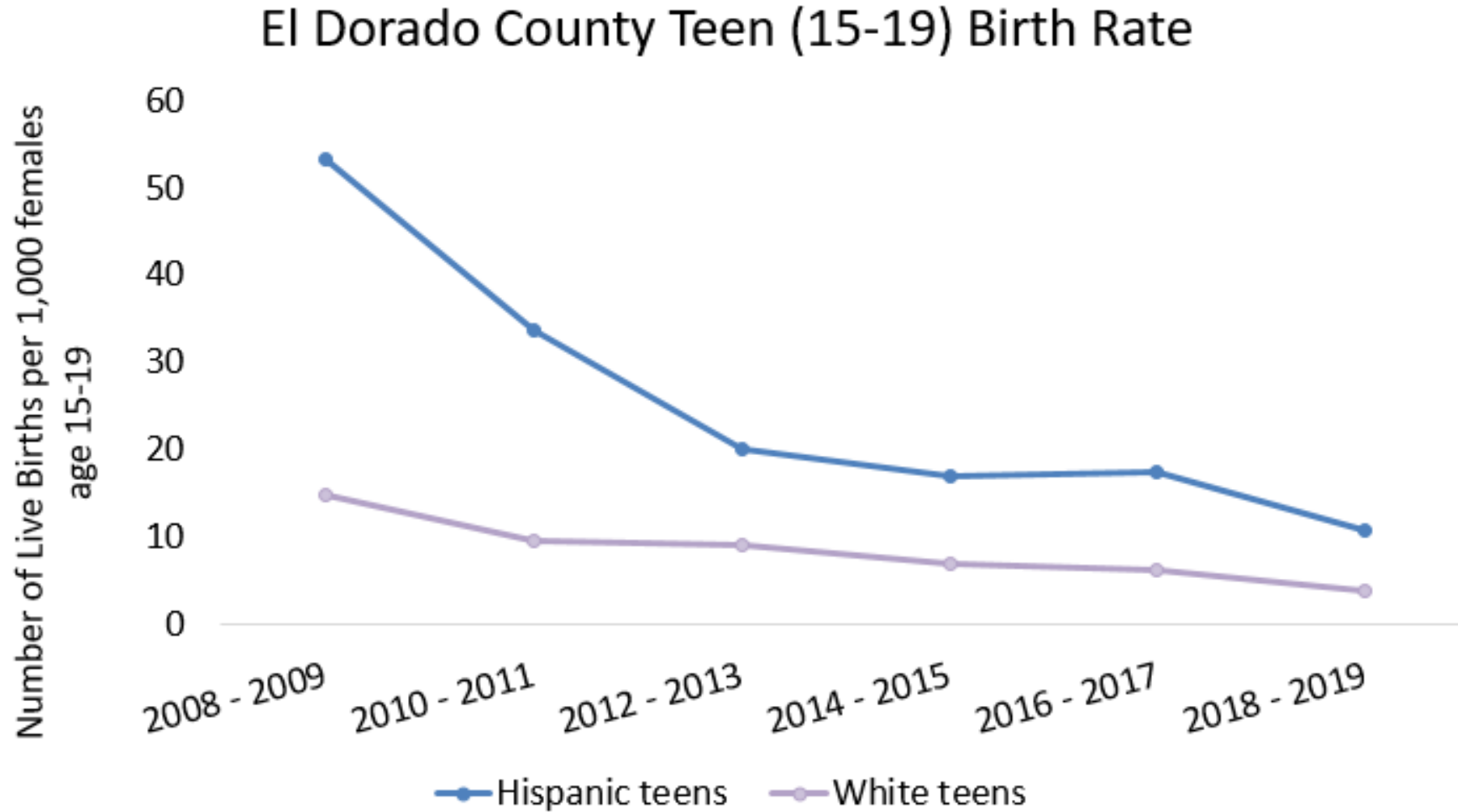
   
CA Value  
(6.3)

   
US Value  
(8.9 in 2019)

   
Prior Value  
(7.3)

   
Trend

   
HP 2030 Target  
(8.7)

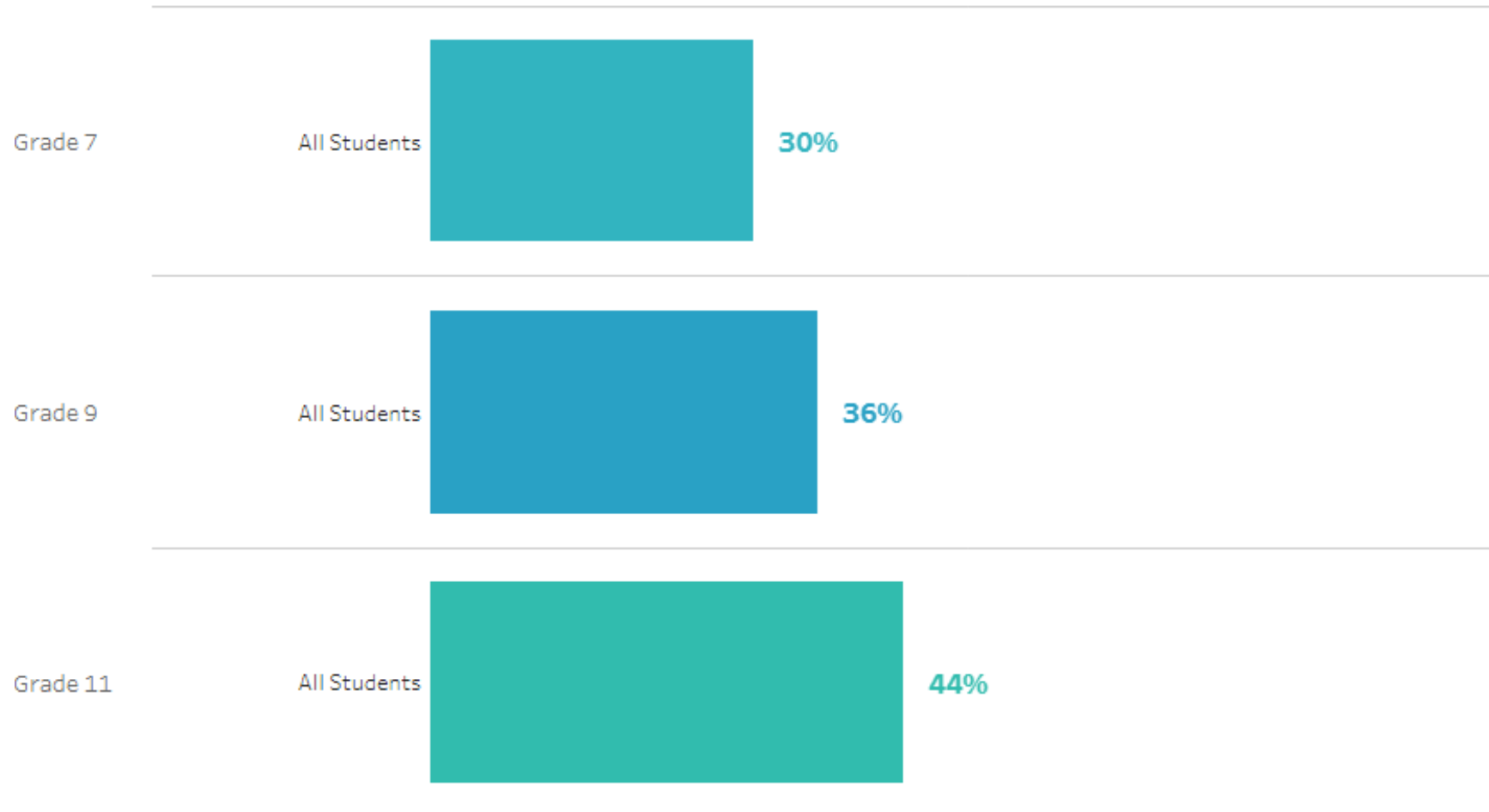


## County: El Dorado | Most Recent Data (2019-21)

### Child Health

Chronic sadness/hopelessness | Past 12 months

Results disaggregated by: All Students



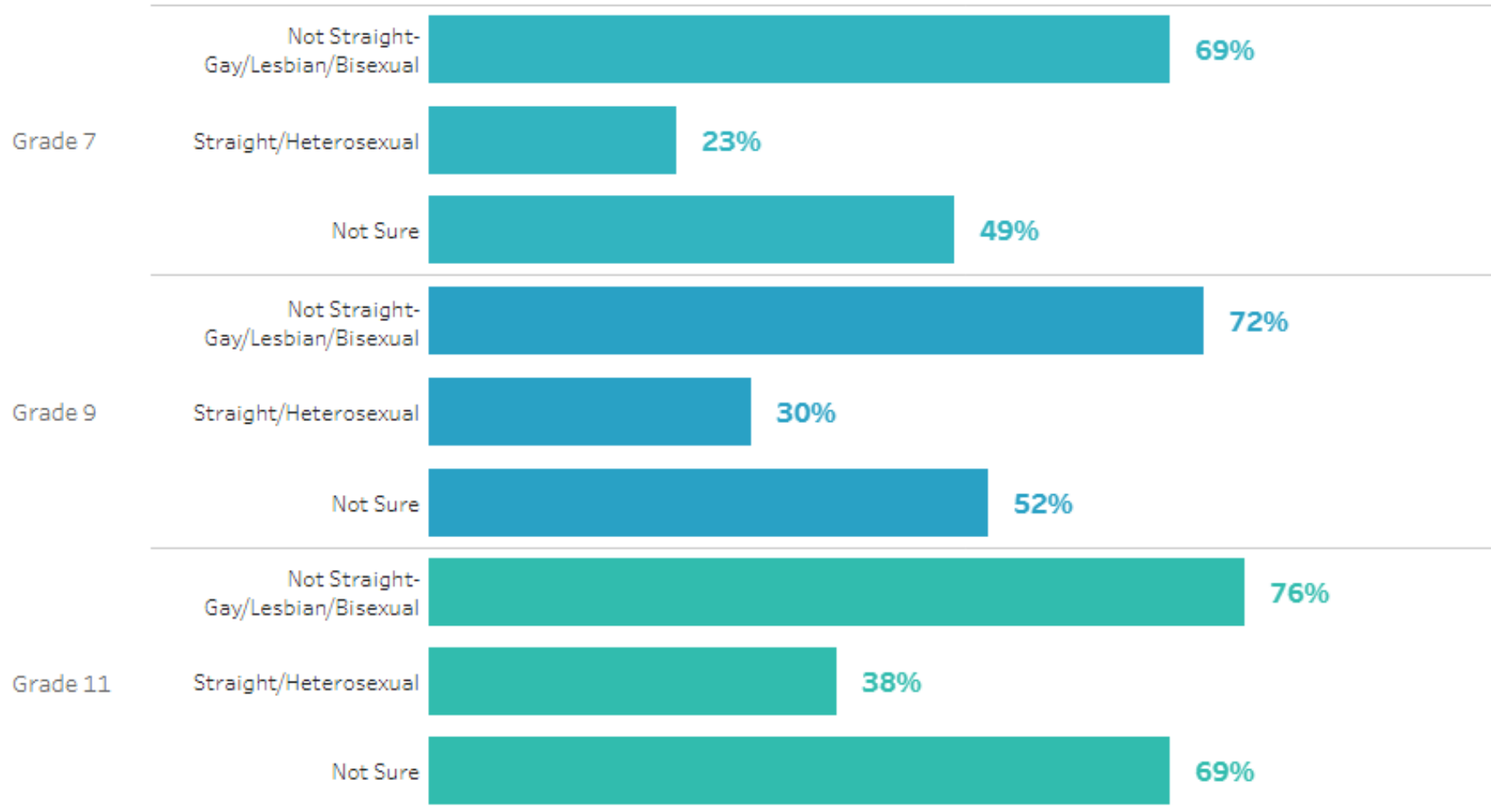


County: El Dorado | Most Recent Data (2019-21)

Child Health

Chronic sadness/hopelessness | Past 12 months

Results disaggregated by: Sexual Orientation



## Alcohol/Drug Use in Past Month, by Grade Level

Year(s): [\(edit\)](#) Grade Level: [\(edit\)](#) Student Response: [\(edit\)](#)  
 2017-2019 All All

California	Percent	
	Some	None
Grade Level		
Grade 7	6.9%	93.1%
Grade 9	14.6%	85.4%
Grade 11	23.2%	76.8%
Non-Traditional	28.6%	71.4%

El Dorado County	Percent	
	Some	None
Grade Level		
Grade 7	5.4%	94.6%
Grade 9	17.2%	82.8%
Grade 11	32.9%	67.1%
Non-Traditional	S	S

- Step 1:**  
Select Year  
2019-21
  
- Step 2:**  
Select Grade  
Grade 11
  
- Step 3:**  
Select Domain  
Social and Emotional ...
  
- Step 4:**  
Select Measure  
Considered suicide

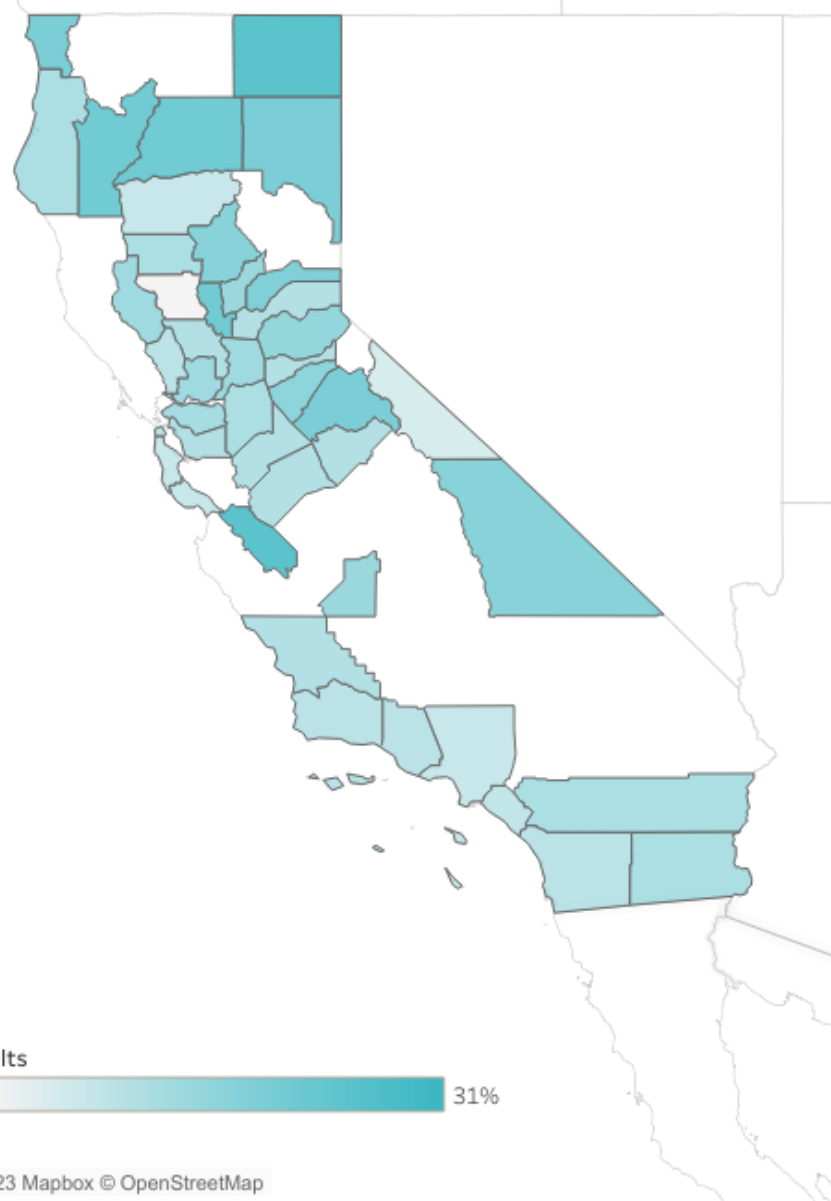
Measure information

Considered suicide  
Past 12 months

**Considered Suicide**  
During the past 12 months, did you ever seriously consider attempting suicide?

**Answer choices:**  
Yes, No

2019-21 | Grade 11



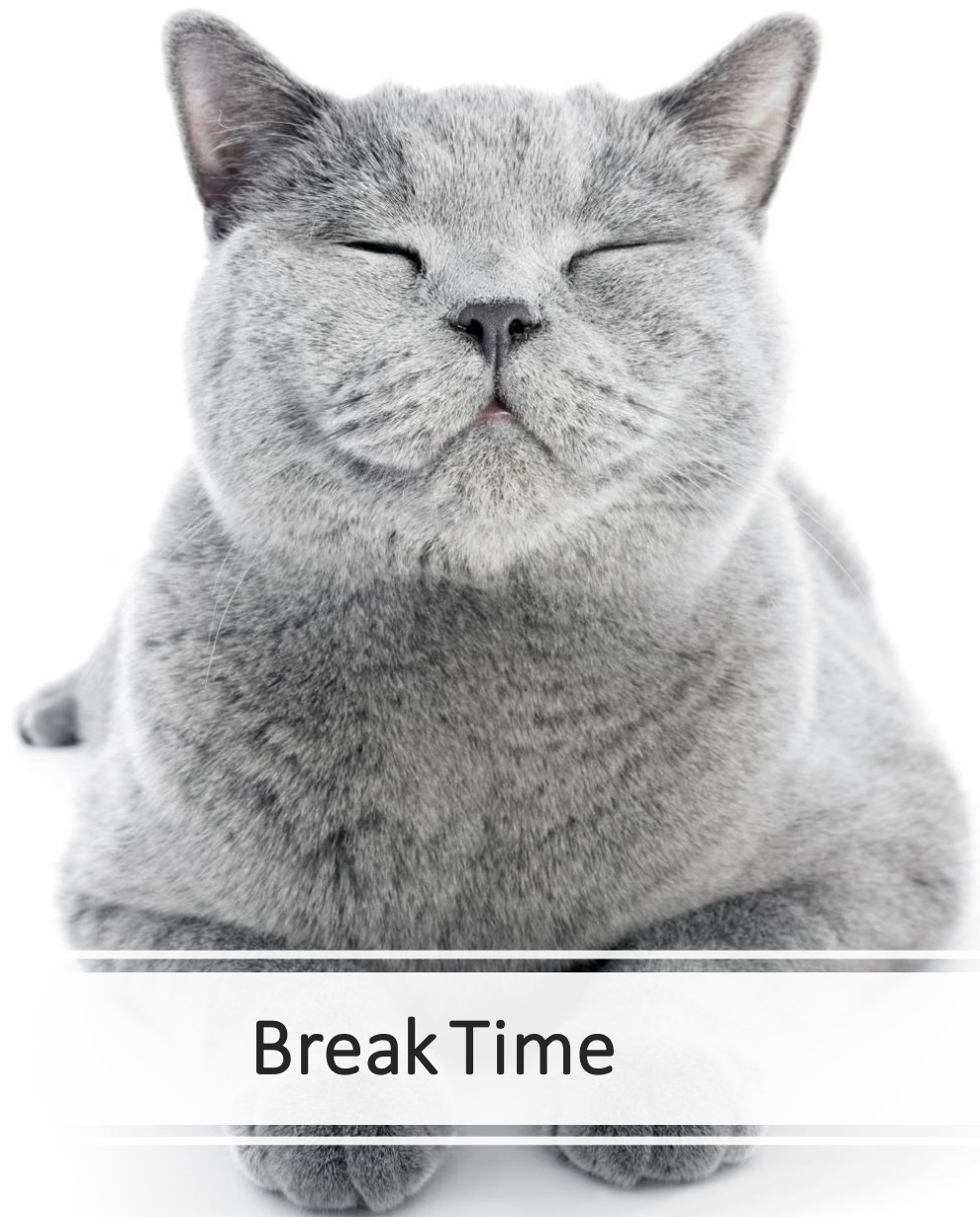
County	%	#
Modoc	31%	70
San Benito	31%	78
Shasta	27%	701
Sutter	27%	271
Trinity	27%	56
Del Norte	25%	72
Lassen	25%	285
Tuolumne	25%	558
Nevada	24%	855
Butte	23%	894
Inyo	23%	274
Calaveras	22%	414
El Dorado	21%	2,692
Kings	20%	797
Yuba	20%	342
Lake	19%	640
Sacramento	19%	9,680
Solano	19%	3,615
Contra Costa	18%	8,353
Glenn	17%	398
Humboldt	17%	923
Imperial	17%	1,792
Riverside	17%	####
San Joaquin	17%	4,850
Alameda	16%	8,108
Amador	16%	210
Mariposa	16%	40
Merced	16%	4,728
Placer	16%	5,196
San Luis Ob..	16%	2,091
Stanislaus	16%	5,324
Yolo	16%	1,787
Napa	15%	2,363



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# Top Health Concerns Summary

- Higher rates of substance use disorder and mental illness
  - The data suggests that El Dorado County has higher rates of substance use that result in Emergency Department visits and sometimes overdose deaths.
  - The rate of deaths due to suicide in El Dorado County has consistently been higher than the rate for California.
- Nearly 20% of adults living in El Dorado County are obese
- Poor mental health and substance use were also identified as areas of concern in El Dorado County's younger population
  - 44% of 11th graders in El Dorado County indicated feeling chronically sad or hopeless in the last 12 months
  - Almost 1/3 of high school juniors reported alcohol or drug use in the past month



Break Time





# Root Cause Analysis

# Root Causes Analysis Priority Score

Adverse Childhood Experiences	Adverse Community Events	Impulsivity	Low Self-Esteem	Poverty	Barriers to care	Discrimination	Poor diet	Lack of physical exercise	Peer Influences	Maternal Behaviors/factors
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## Criteria

- Data availability (0-3)
- Evidence Based Interventions Exist (0-3)
- Impact Across Health Issues (3-12)

Green = 18-15

Yellow = 14-10

Red = 9 and under



# Hot Dots Exercise

Using the 4 dots, vote for the root causes you think should form the basis of the Community Health Improvement Plan

- Rules:
  - One dot per root cause or
  - Multiple dots per root cause
  - Can use the priority score if helpful, but not required
  - Essentially no rules



# Next Steps

## Meeting #2

- Review baseline data for Root Causes
- Identify Current Programs/Services (Survey Alert!)
- Identify/Prioritize gaps

## Meeting #3

- Review EBI's to address gaps
- Select Interventions
- Determine Who/What/When



# Thank You!

## Questions?

Olivia Byron-Cooper, Interim Director of Health and Human Services

Kathryn Jeanfreau, El Dorado County Public Health

Colleen M Bridger, CEO Colleen Bridger Consulting, LLC

