# BEHAVIORAL HEALTH TASK FORCE MEETING

#### CALIFORNIA HEALTH & HUMAN SERVICES AGENCY

December 13, 2022



# VIRTUAL MEETING GUIDELINES

- Meeting is being recorded
- American Sign Language interpretation in pinned video
- Live captioning link provided in chat

#### **BHTF MEMBERS**

- Mute/Unmute Functionality for members and policy partners.
- Stay ON MUTE when not speaking and utilize the "raise hand feature" if you have a question or comment.
- Please turn on your camera as you are comfortable
- Use chat for additional conversation

**MEMBERS OF THE PUBLIC** will be invited to participate during public comments period at the end of the meeting



# **WELCOME & INTRODUCTIONS**

MARK GHALY, SECRETARY, CalHHS

STEPHANIE WELCH, DEPUTY SECRETARY OF BEHAVIORAL HEALTH, CalHHS



## **MEMBER INTRODUCTIONS**

**Introduce yourselves in the chat – name and organization** 



## **TASK FORCE MEETING AGENDA**

- **10:00 Welcome and Introductions**
- **10:15** Fetal Alcohol Spectrum Disorder Panel Conversation
- **10:45** Substance Use Disorder Efforts Introduction of Panels
- 10:55 Cannabis-Related Efforts Panel & Discussion
- 12:00 Lunch Break
- 12:30 Fentanyl-Related Efforts Panel & Discussion
- 1:30 Short Break
- 1:35 Innovative SUD Services, Treatment, and Support Panel & Discussion
- 2:10 Public Comment
- 2:25 Year-End Reflection & BHTF Members Open Discussion
- 2:55 Closing Thoughts
- 3:00 Adjourn



# FETAL ALCOHOL SPECTRUM DISORDER – PANEL CONVERSATION

Vitka Eisen, HealthRIGHT 360

Sid Gardner, Children & Family Futures

Brandi Madison, FASD Advocate

Christina Chambers, UC San Diego

Annette Kunzman, FASD Network of Southern California





December 13, 2022 via: Zoom

## CHHS BEHAVIORAL HEALTH TASK FORCE

## Fetal Alcohol Spectrum Disorders Panel



# Introduction to FASD & Panel



Vitka Eisen, MPH, Ed.D.

## CHHS Behavioral Health Task Force

Fetal Alcohol Spectrum Disorders (FASD) Panel

#### CHHS Behavioral Task Force:

Fetal Alcohol Spectrum Disorders (FASD) Panel



# Panelists

Vitka Eisen, MSW, Ed.D, President & CEO, HealthRIGHT 360 veisen@healthRIGHT360.org

Christina Chambers, MPH, Ph.D., Professor, and Chief, Division of Environmental Science and Health, Department of Pediatrics at UCSD School of Medicine chchambers@ucsd.edu

Annette Kunzman, MBA, President, FASD Network of Southern California annettek@fasdsocalnetwork.org

Brandi Madison, FASD Advocate, Student at UCI brandimadison2@gmail.com

Sid Gardner, MA, MPA, President, Children and Family Futures sgardner@cffutures.org

## The Role of Research in Prevention and Intervention for FASD



Christina Chambers, MPH, Ph.D.

## CHHS Behavioral Health Task Force

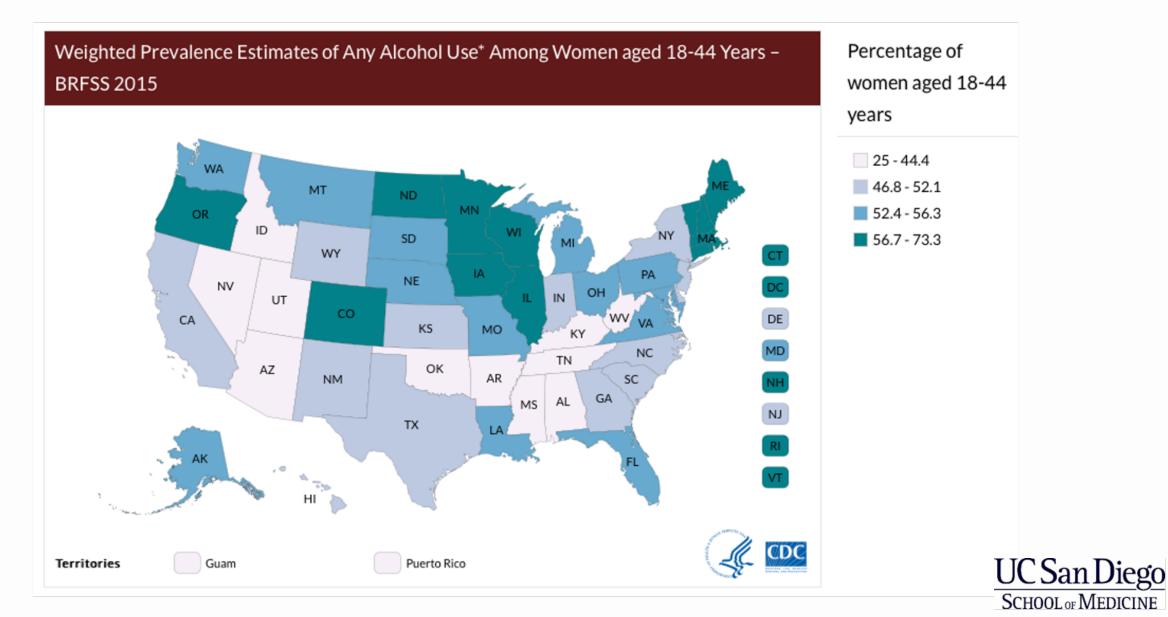
Fetal Alcohol Spectrum Disorders (FASD) Panel

## What is FASD?





## Prevalence of Alcohol Consumption in Women



Prevalence in the U.S.

- To address lack of data, Collaboration on Fetal Alcohol Spectrum Disorders Prevalence (CoFASP) was initiated in 2010 and completed in 2016
- Goal of CoFASP was to establish regionally-based prevalence estimates of FASD in four regions of the U.S.
- Funded by NIH-NIAAA



## Summary

- Estimated prevalence of FASD in this regional U.S.-based general population study are at least 1.1-5.0% using the most conservative estimates; likely higher
- In context, these estimates are at least as high or higher than current prevalence estimates for autism spectrum disorders
- <1% of 222 children identified in the two years combined across 4 sites had a previous FASD diagnosis
- These data support the premise that FASD is a major public health issue in the U.S. and is currently under-recognized



# FASD In California



Annette Kunzman, MBA

## CHHS Behavioral Health Task Force

Fetal Alcohol Spectrum Disorders (FASD) Panel

## **CA FASD Factsheet**

More than a dozen CA state agencies have roles that could prevent and respond to FASD but have never been convened or coordinated for those purposes.

The conservative estimated cost of FASD for California is:

## \$28,469,400,000



According to the CDC, FASD impacts as many as 1 in 20 in the US – 2.5x more than autism

Of the 446,000 babies born annually in California, 22,300 are estimated to have an FASD - very few will receive an accurate diagnosis

Access to an FASD diagnostic clinic is limited to 2 counties in Southern California - diagnosis by age 6 is critical for better outcomes

Raising a child with FASD costs 30X more than the cost of successful prevention efforts

Of the 6 million children in California schools, as many as 300,000 may have an FASD

Of the estimated number of adolescents with an FASD 29% are expelled & 25% will drop out - no school district in CA has an FASD-informed program

Up to one-third of children in foster care and adoption have an FASD - CA Child Welfare does not screen for FASD An estimated 1.97 Million of the 39,512,223 people living in California could be impacted by FASD

Most individuals with FASD do not qualify for Regional Center Services despite FASD being the leading developmental disability in the United States

Over 90% of the people living with an FASD will develop co-morbid mental health conditions

Without early diagnosis & intervention, 80% of adults with an FASD and typical range IQ will not live independently and will struggle with employment

It has been estimated that approximately one-third of the homeless population has an FASD

Individuals with FASD, with or without a diagnosis, face high rates of incarceration and recidivism

# **Consequences of Late FASD Diagnosis**



Brandi Madison, FASD Advocate & UCI Student

## CHHS Behavioral Health Task Force

Fetal Alcohol Spectrum Disorders (FASD) Panel

# Policy Responses in CA



Sid Gardner, MA, MPH

## CHHS Behavioral Health Task Force

Fetal Alcohol Spectrum Disorders (FASD) Panel

## NO SINGLE AGENCY, NO SINGLE SERVICE

- FASD's potential lifelong effects mean no single agency can respond effectively to prevent and treat the effects of FASD
- Maternal and child health matters
- Education matters
- Mental health and substance use disorder treatment matter
- Child welfare services to children and parents matter
- Developmental disabilities-related screening and services matter
- Corrections, criminal justice, and the courts matter
- Managed care matters
- University training and curricula matter
- Adult rehabilitation services matter
- Support for parents and caretakers matters

## ASSESSMENT OF CALIFORNIA STATE AGENCIES

A review of California state agencies that currently or potentially have responsibilities for FASD issues found that

- There is no interagency review of progress or problems in responding to FASD across state agencies; the relevant agencies have never been convened to address FASD issues.
- Current data collection efforts among agencies do not address the under-identification of FASD.
- The enactment of SB 1016 in special education offers a new opportunity to spotlight the impact of FASD in the K-12 system

# Thanks for having us!

For support and collaboration, please contact the team at FASD Now!

fasdnow@gmail.com www.fasdnow.org



# SUBSTANCE USE DISORDER EFFORTS – INTRODUCTION OF PANELS

STEPHANIE WELCH, DEPUTY SECRETARY OF BEHAVIORAL HEALTH, CalHHS



# CANNABIS-RELATED EFFORTS – PANEL & DISCUSSION

Jim Keddy, Youth Forward

Adwoa Akyianu, Youth Forward

Tona Miranda, Youth Forward

Denise Galvez, Department of Health Care Services

Robin Christensen, California Department of Public Health





# Forward

Presentation by: Jim Keddy, Adwoa Akyianu & Tona Miranda

#### State advocacy

- Since 2018, Youth Forward has engaged state agencies in developing Prop 64 grant programs.
- We've built a statewide network of CBO's and have regularly engaged local groups in developing policy recommendations for state agencies.
- We have advocated for Prop 64 grant funds to be prioritized for prevention and youth development and for investments in communities most impacted by the War on Drugs.

## Learning from Young People

Through listening sessions with partner organizations and through our work with local youth, we have learned that substance abuse prevention efforts work best when young people:

- Belong to a community that is safe and affirming
- Feel that their culture and background is respected and affirmed
- Get support from young adults and peers who share their life experience
- Learn leadership skills and agency
- Have open conversations about feelings and have spaces in which they can learn wellness practices from one another and from trusted adults

### **The Cannabis Industry**

- We have also learned that young people generally view cannabis as harmless and many use cannabis as a way to cope with mental health issues. Young people have easy access to legal cannabis products, including high THC edibles.
- The cannabis industry is targeting youth consumers through advertising strategies that feature imagery and products appealing to children and youth.
- In the 2021-2022 legislative session, we co-sponsored legislation that would have required a stronger warning label on cannabis products and warnings on cannabis advertising. This legislation was defeated by the cannabis industry.

#### Support for local organizing

- Youth Forward actively supports local organizing efforts to redirect cannabis tax revenue toward prevention and youth services at the local level.
- We led a successful ballot measure campaign in the City of Sacramento that will require the city to invest 40% of its local cannabis tax revenue in child and youth services.
- In Jan/Feb of 2023, in partnership with Catalyst California, we will release a new report that analyzes how 9 local governments in LA County are spending local cannabis tax revenue and provides recommendations for public officials and local activists.

#### **Campaign to protect Prop 64 funding streams**

- Earlier this year, we organized a statewide coalition of childcare advocates and youth organizations to raise concerns about the cannabis industry campaign to have their state taxes reduced or eliminated.
- Up until our effort, the media did not cover the impact on kids funding of the proposed tax cuts and most legislators had little awareness of these funding streams.
- In response to our organizing, the Governor and Legislature agreed to an approach that is revenue neutral and that protects funding streams for childcare and for youth prevention.

### **Work with Tribal Nations**

- Early on it our state advocacy, Youth Forward engaged tribal communities in our efforts to influence the roll out of the Prop 64 grant programs.
- To date, the Prop 64 grant programs have invested millions in youth prevention in tribal communities.
- We are currently working with the Dept of Fish and Wildlife to secure Prop 64 funding for environmental repair of illegal cannabis grows on tribal lands.

## **Contact Us:**

#### Jim Keddy

**Executive Director** 

jim@youth-forward.org

#### Adwoa Akyianu

Policy Advocate, Social Media Manager

adwoa@youth-forward.org

#### **Tona Miranda**

Policy Advocate, Tribal Liaison

tona@youth-forward.org

# Proposition 64 Youth Education, Prevention, Early Intervention and Treatment (YEPEITA)

Denise Galvez, Branch Chief, Prevention and Youth Branch, Community Services Division Department of Health Care Services



December 2022

# **Proposition 64 Quick Facts**

- In November 2016, voters passed Proposition 64 (Prop 64) allowing adults age 21 and older to possess, transport, purchase, consume and share up to an ounce of nonmedical cannabis and eight grams of nonmedical concentrates.
- The Youth Education, Prevention, Early Intervention and Treatment Account (YEPEITA) is a subaccount contained within Prop 64 that provides funding for youth education programs focusing on accurate information, prevention, early intervention, school retention and timely treatment services. Funding for this purpose is directed to the Department of Health Care Services.



# Prop 64 YEPEITA – A Stakeholder-informed Initiative

The Prop 64 Advisory Group was established in 2017 (RTC) 34019(f)(1)(O) to promote a stakeholder informed process for administration of the YEPEITA.

➤ The Prop 64 Advisory Group participated in a strategic planning process where the group identified that YEPEITA-funded programs would prioritize communities disproportionally affected by the war on drugs.



## What is the war on drugs?

The "war on drugs" is a phrase used to refer to a government-led initiative that aims to stop illegal drug use, distribution and trade by dramatically increasing prison sentences for both drug dealers and users.

## What is the impact of the war on drugs?

The war on drugs exacerbates many factors that negatively impact health and wellbeing. It also disproportionally affects low-income communities and communities of color already experiencing structural challenges such as discrimination, disinvestment, disenfranchisement and historical trauma.



# Solutions to Combat the Impact of the War on Drugs that Build Youth Resiliency

- » Youth-led social justice initiatives
- » Mentoring and peer support for youth living in communities affected by the war on drugs
- » Child care programs addressing inequities and disproportionalities.
- » Youth Community Access Grants
- » Public Education and Awareness





## **Elevate Youth CA Rounds 1 through 4**

**246 Grant Awards 53** Counties \$189,224 Million





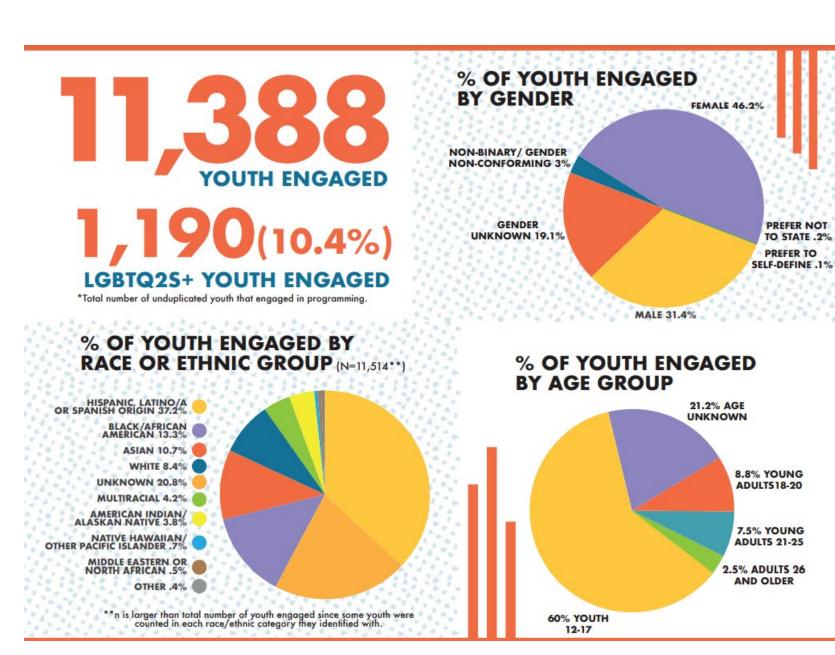




YOUTH CALIFORNIA

Elevate Youth CA FY 2019-21 Round 1 and Round 2 Program Outcomes





# Prop 64 Child Care Voucher Program

DHCS provides funding to the California Department of Social Services to promote early access to quality child care, which directly impacts future school retention and education and may lead the prevention of substance abuse.

FY 2021-22 Funding total: \$274,093,000

- » General Child Care (CCTR): \$96,508,000
- » Alternative Payment Program (CAPP): \$173,835,000
- » Emergency Child Care Bridge Program (ECCB): \$3,750,000
- FY 2022-23 Funding total: \$292,325,000
  - » General Child Care (CCTR):\$114,740,000
  - » Alternative Payment Program (CAPP): \$173,835,000
  - » Emergency Child Care Bridge Program (ECCB): \$3,750,000



# Prop 64 YEPEITA Youth Community Access Grants

The Youth Community Access Grant program is a competitive grant program funded through Interagency Agreement with the California Natural Resources Agency to support projects that serve youth and directly support access to either natural or cultural resources AND meet the criteria for both low-income and underserved communities.

As of June 2022:

- > 65 projects awarded in February 2022
- > 100 percent of awarded projects are located within and provide benefits to underserved and low-income communities



# Prop 64 YEPEITA Public Education and Awareness

DHCS provides \$12 million annually to the California Department of Public Health to administer the California Youth Prevention Initiative which includes the:

- » California Cannabis Surveillance System
- » Cannabis Education and Youth Prevention Program



https://www.cdph.ca.gov/Programs/CCDPHP/sapb/cannabis/Pages/default.aspx

# **Prop 64 YEPEITA Resources**

## **Department of Health Care Services Elevate Youth California**

https://elevateyouthca.org/

**Department of Social Services Child Care & Development Division:** 

https://cdss.ca.gov/inforesources/child-care-and-development

**California Natural Resources Agency Youth Community Access Grants** 

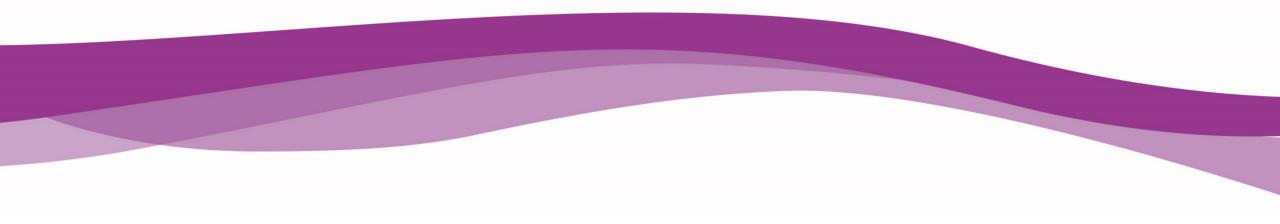
https://resources.ca.gov/grants/youth

**California Department of Public Health Youth Prevention Initiave** 

https://www.cdph.ca.gov/Programs/CCDPHP/sapb/cannabis/Pages/default.aspx



## Contact: DHCSProp64@dhcs.ca.gov







# Youth Cannabis Prevention Initiative (YCPI)

**Substance and Addiction Prevention Branch** 

**Center for Healthy Communities** 

**California Department of Public Health** 

December 12, 2022

## What is the Substance and Addiction Prevention Branch?

Established July 2020 We aim to reduce individual, social, and environmental harm from addiction and substance use through research-driven prevention, education, and treatment



Primary, secondary, and tertiary prevention



Alignment with the social-ecological model



Equity, justice, and addressing the social determinants of health



**Healing and harm reduction** 



Stigma-free, trauma-informed, and adverse childhood experiences (ACEs)-aware strategies



## What is the Youth Cannabis Prevention Initiative?

CDPH SAPB's Youth Cannabis Prevention Initiative (YCPI) is built around:



Health education and policy, systems, and environmental approaches

Media and social marketing campaigns

**Community interventions** 

As mandated in Proposition 64, approved by voters in 2016, the California Department of Public Health shall create and administer a youth prevention and surveillance program from taxes deposited into the Youth Education, Prevention and Early Intervention and Treatment Account (YEPEITA).







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Home | Programs | Center for Chronic Disease Prevention and Health Promotion | Substance and Addiction Prevention Branch | Cannabis | Youth Cannabis Prevention Initiative

### SUBSTANCE AND ADDICTION PREVENTION BRANCH



## New Webpage! Visit us on the web

## https://go.cdph.ca.gov/cannabis

Cannabis Home
Cannabis Basics
CDPH in the Community
Cannabis Data
SAPB Home

### **Youth Cannabis Prevention Initiative**

The Youth Cannabis Prevention Initiative includes the California Cannabis Surveillance System (CCSS) and the Cannabis Education and Youth Prevention Program (CEYPP). The CCSS is a public health data collection and analysis system for youth and adult cannabis use, legal, social, and environmental impacts, and health outcomes. The CEYPP provides health education and prevention to reduce the negative impacts and consequences of cannabis use through state and local partnerships and public awareness campaigns.

To learn how the Youth Cannabis Prevention Initiative is funded, read the Legislative Mandate Infographic (PDF).

To learn about California law as it pertains to cannabis use, please visit the Department of Cannabis Control website.

For questions, please contact us at cannabis@cdph.ca.gov.

### **Cannabis Basics**

### Cannabis Terms and Definitions

- What are THC and CBD?
- How Cannabis Is Used

### **Cannabis Data**

California Cannabis Surveillance System

- **CDPH in the Community** 

  - Public Awareness and Communications



### Page Last Updated : September 13, 2022



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### YOUTH CANNABIS PREVENTION INITIATIVE



Cannabis Home Cannabis Basics CDPH in the Community Cannabis Data SAPB Home

### California Cannabis Surveillance System (CCSS)

The CCSS is a public health data collection and analysis system that tracks youth and adult cannabis use; legal, social, and environmental impacts; and health outcomes. CCSS shares data via dashboards, data briefs, reports, presentations, and fact sheets. The links below are the most recent data products.

For questions, please contact us at cannabis@cdph.ca.gov

### Dashboards

### Data Briefs and Reports

- CA Overdose Surveillance Dashboard
- Cannabis Use & Consequences in California: 2016 Baseline Data Brief (PDF)

### **Fact Sheets and Infographics**

- Cannabis-Related Calls to Poison Control From 2018-2021 (PDF)
- Marijuana and California Youth: Trends and Impacts (PDF)
- Marijuana Use Among California Adults (PDF)

### Formative Research and Evaluation Products

 Youth Cannabis Education and Prevention Media and Social Marketing Campaign Formative Research Executive Summary (PDF)

## New Webpage! Visit us on the web





Page Last Updated : September 2, 2022

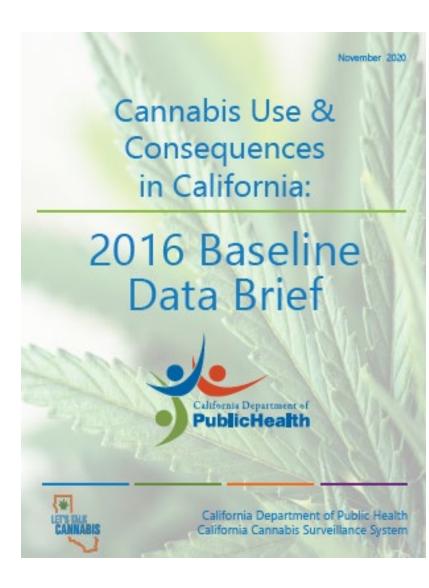
# **Data Briefs and Reports**

CDPH has released a <u>2016 Baseline Data Brief</u> and is currently working on newer editions of the Data Brief.

## Data Briefs include information on:

- Youth and Adult Cannabis Use
- Cannabis Use among Pregnant Women
- Motor Vehicle Crashes Involving Cannabis
- Cannabis Seizures
- Cannabis-related Arrests
- Secondhand Cannabis Smoke Exposure
- Cannabis-related Poison Control Center Calls
- Cannabis-related Emergency Department Visits and Hospitalizations
- Cannabis Abuse or Dependence





## **Fact Sheets and Infographics**

## CDPH released fact sheets (data up to 2018) on:

- <u>Cannabis Use and Impacts Among Youth</u>
- <u>Cannabis Use and Impacts Among Adults</u>

### Marijuana and California Youth: Trends and Impacts

### About Marijuana

Marijuana is the most commonly used drug in the United Stats.<sup>1</sup> It can be taken in many forms, such as eaten in cookies and candies (i.e., edibles), smoked, vaped, or dabbed as an oil or concentrate. The chemical tetralydrocanabion (THC) that is present in the marijuana plant is what gives the user a feeling of being "high". The plant contains other chemicals such as cannabidiol (CBD) and flavor compounds called terpenes, which may also have an effect on the user's mood.

The amount of THC can vary widely by form. For example, marijuana that is dabbed can have up to ten times more THC per puff than smoked marijuana.<sup>3</sup> The amount of THC in marijuana has increased significandly over the last 25 years, from about four percent in 1995 to over 15 percent by 2018 (Figure 1). Some forms of marijuana, like edibles and concentrates, have very high levels of THC – up to 90 percent, making youth use of marijuana a cuse for concern.<sup>44</sup>

### Marijuana and Health

### Fast Fact

₹₩

Marijuana can affect brain development. Studies have shown that youth who are heavy users of marijuana may have a reduction in mental abilities that lasts into adulthood <sup>3</sup> Marijuana use among youth, particularly products with high concentrations of THC, are known to have serious health effects on the developing brain.

Figure 1. Increase in THC concentration from 1995 to 2018. Source

National Institutes on Drug Abure (NIDA) Potency Monitoring

Program, Quarterly Report # 142.

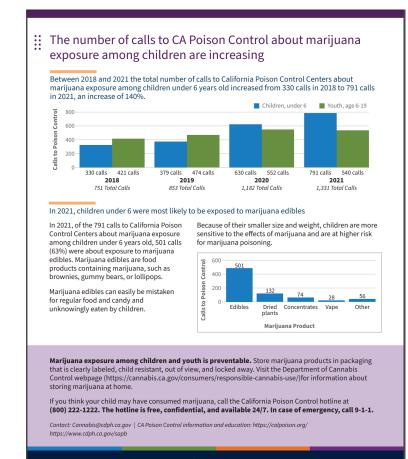
Youth who use marijuana are at increased risk for mental health problems, including depression and increased risk of suicide.<sup>6</sup>

\* \* \* \* \* \* \* \* \* \* \* \* \* \*

Youth who use marijuana may also suffer from poorer academic performance, especially among those who begin using marijuana at young ages.<sup>78</sup>

These negative effects may continue into adulthood among users.<sup>9</sup>

CDPH released an infographic on <u>cannabis-related</u> <u>Poison Control Center calls</u> among children and youth from 2018 to 2021.



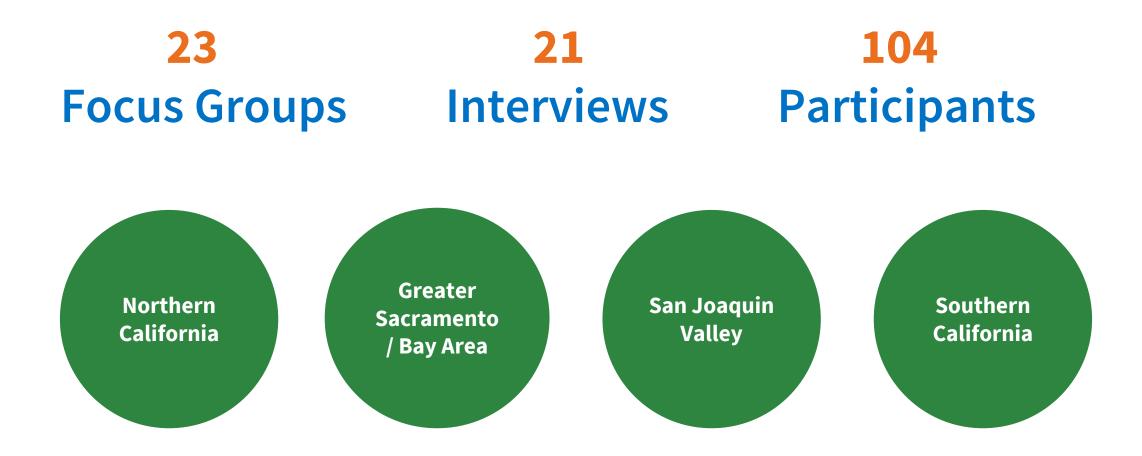






# Youth Cannabis Education and Prevention Campaign

# Formative Research With California Youth and Parents/Guardians





# **Teens: Reasons for Cannabis Use**

## **To Have Fun & Bond**

"Yeah, it's usually when I'm with my friends, but we usually stay in because I don't like going out when I'm high. ... Sometimes we watch a movie. Sometimes we watch those videos online, and we also just listen to a lot of music, too. And then we also talk a lot." - Male, EXP

"I typically only do it when a bunch of my friends just want to go down. It's usually before bed because then I'll just get really tired, so I'll go to sleep. So, we'll watch a movie or TV, and then I just knock out." - Female, EXP



"Because it'll only help me within when I'm having anxiety attacks, but throughout the day, since I'm not constantly smoking, it doesn't help me throughout the entire day. Only in the moment that I do it." - Female, EXP

"Before I smoke, I would look forward to smoking and then when I am high, I will probably be very content with life and my stresses no longer stress me out, and I'm just vibing. It keeps me in a upward spiral in life." - Female, EXP



## **Creative Concept Testing Focus Group Summary**



Creative concept focus groups took place over 11 days between May 5- 20, 2022



## Campaigns to Educate, Influence, and Support Youth & Parents/Guardians

**Primary Audience:** Youth, ages 13 – 17 **Secondary Audience:** Parents and Guardians (*English and Spanish*)

**01 Educate** youth about the

02

**Influence** youth behaviors and norms

03

**Support** parents and guardians

04

**Develop** toolkits and resources



risks



## **Primary Audience:** Youth, ages 13 – 17

## Educate California teens about the risks of underage cannabis use and empower youth to make the best decisions for their emotional, social and physical well-being.

Secondary Audience: Parents and Guardians (English and Spanish)

Equip parents of these teens to have open conversations about underage cannabis use by providing them the tools and resources they need, and reminding them of their influence.



# **Supporting and Educating California's Youth**



Youth are in a season of self-discovery, seeking meaning, connections, independence, and learning how to regulate and manage their emotions. Youth are increasingly turning to cannabis in this developmental stage to bond with friends and to cope with their day-to-day stressors.

## Underage cannabis use interferes with youth social and emotional well-being, two key pillars of mental health.

Social Well-being 🤤		Emotional Well-being
<b>SOCIALIZE:</b> To have fun, have a good time, bond or connect with friends, and inspire creativity	Pillars of Mental Health Youth Primary Reasons for Use	<b>COPE:</b> To self-medicate, relax or calm nerves, cope with mental health challenges and/or trauma, get through the day
OUR ACTION: Create messaging that speaks to how cannabis use affects the brain's ability to form memories and devalues important moments with friends.	Intersecting Youth Reasons For Use	<b>OUR ACTION:</b> Create messaging that speaks to how <b>cannabi</b> <b>use affects the part of the brain responsible for emotional</b> <b>regulation</b> making stress and anxiety harder to manage.

# Educate, Empower, & Equip Parents/Guardians



Parents/Guardians are unsure over their level of influence on their child's cannabis use behavior. Parents/Guardians, however, want to have important conversations around cannabis use with their children.

## Underage cannabis use can be influenced by the parental influence in a youth's life

## **Educate, Empower, and Equip**

**GOAL:** Educate parents/guardians on the risks of cannabis use and emphasize the parental influence to have conversations to prevent youth cannabis use. **OUR ACTION:** Create messaging that **helps parents feel empowered to keep trying to have cannabis risk conversations** with their child by reminding them of the influence they have on their child's life. Give parents/guardians the practical guidance and tools they need to have cannabis use risk conversations with their teens.





# **Supporting Local Partners to Get Involved**



## **Toolkit Materials to Come**

CDPH will provide accurate and actionable materials, such as **conversation guides, fact sheets, and more!** 



## **Regular Learning Webinars**

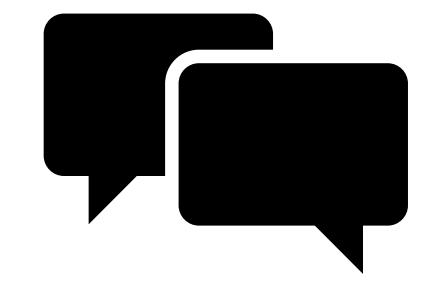
CDPH will be hosting knowledge sharing opportunities to **utilize** campaign learnings, materials, and other resources at the local level.



## **Local Event Opportunities**

CDPH will engage and support local organizations and events by increasing knowledge of the risks of youth cannabis use on the local level.





# Q&A / DISCUSSION



# Lunch Break

If you choose to leave the meeting during the break, please re-join using the same link as the morning session.

The afternoon session will begin at 12:30 pm



# FENTANYL-RELATED EFFORTS – PANEL & DISCUSSION

Robin Christensen, California Department of Public Health

Dr. Sohil Sud, California Department of Public Health

Jake Wolf, Grieving parent

Waheeda Sabah, Department of Health Care Services



# **Overdose Prevention Initiative (OPI)**

www.cdph.ca.gov/StopOverdose

Substance and Addiction Prevention Branch Center for Healthy Communities California Department of Public Health

December 12, 2022



OPI@cdph.ca.gov



## **Fentanyl** A Potent and Dangerous Synthetic Opioid

Continues to be a major contributor to drug overdoses in CA, including among youth.

Between 2018 to 2020, among those ages 10-19 years in CA:

- ED visits related to non-fatal opioid overdoses more than tripled.
- Opioid-related overdose deaths increased by 407 percent, largely driven by fentanyl.
- Fentanyl-related overdose deaths increased 625 percent.

Fentanyl can be found in different forms, including pills, powder, and liquid.



Any pill (regardless of its color, shape, or size) that does not come from a health care provider or pharmacist can contain fentanyl and can be deadly.





# Signs of an Overdose: Save a Life

## Signs of overdose

Recognizing the signs of opioid overdose can save a life. Here are some things to look for:

- Small, constricted "pinpoint pupils"
- Falling asleep or losing consciousness
- Slow, weak, or no breathing
- Choking or gurgling sounds
- Limp body
- Cold and/or clammy skin
- Discolored skin (especially in lips and nails)





# **Actions Steps to Take**

If you think someone is overdosing, follow these steps:

1 Call 911 and give naloxone

2 Keep the person awake and breathing

Lay the person on their side to prevent choking

Stay with the person until 911 responders arrive

4





# Stop an Opioid Overdose with Live-Saving Naloxone

- A life-saving medication used to reverse an opioid overdose, including heroin, fentanyl, and prescription opioid medications.
- Is safe and easy to use, works almost immediately, and is not addictive.
- Can be quickly given through nasal spray (<u>Narcan</u>) or through an <u>auto-injector</u> into the outer thigh.
- Has very few negative effects, and has no effect if opioids are not in a person's system.



Naloxone nasal spray (Narcan)

Naloxone auto-injector

Learn more about <u>naloxone</u>





# "Rainbow" Fentanyl

- Brightly colored using dyes
- Color  $\neq$  strength or potency
- Has been identified in California in powder and pill form
- 2mg may be fatal



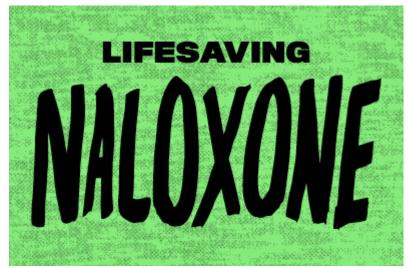
Fatal dose of fentanyl (2 mg or 2000 mcg)





# **CDPH: Statewide Standing Order for Naloxone**

- CDPH provides a <u>statewide standing order</u> to help support equitable access to naloxone.
- Authorizes entities in California to distribute and/or administer naloxone to:
  - individuals at risk of opioid overdose,
  - family members and friends,
  - other persons in a position to assist
- Resources:
  - <u>Standing Order Frequently Asked Questions</u>
  - Training Video: <u>Administering Naloxone</u>
  - Email: <u>naloxonestandingorder@cdph.ca.gov</u>



Learn more about <u>naloxone</u>



## The Power of Life-Saving Naloxone from CDPH Partners

A patient with active SUD was given naloxone. They had a friend staying with them who overdosed and the patient was able to reverse them.



Girlfriend of the unresponsive male said he had overdosed. Coalition member ran back into her apartment to get her Narcan kits. She successfully reversed the overdose after administering Narcan and performing CPR.

A teenager was reverse twice recently thanks to a family member who had been trained to use naloxone



# **OPI Program Overview**

Addresses the overdose epidemic through prevention, surveillance, and research with both state and local partners:





## **Resources for Educators and Adult Role Models**



 <u>CDPH Fentanyl and Overdose Prevention Toolkit</u> and social media messages (English and Spanish)



• Webpage that houses a collection of <u>opioid and substance</u> <u>use prevention resources</u> for adult role models working with youth, including educators.



### Visit us on the web: <u>www.cdph.ca.gov/StopOverdose</u>





Email us: <u>OPI@cdph.ca.gov</u> Standing order questions: <u>NaloxoneStandingOrder@cdph.ca.gov</u>

# Addressing the Fentanyl Crisis Among California's Youth

www.cdph.ca.gov/StopOverdose

Sohil R. Sud, MD, MA California Department of Public Health December 2022

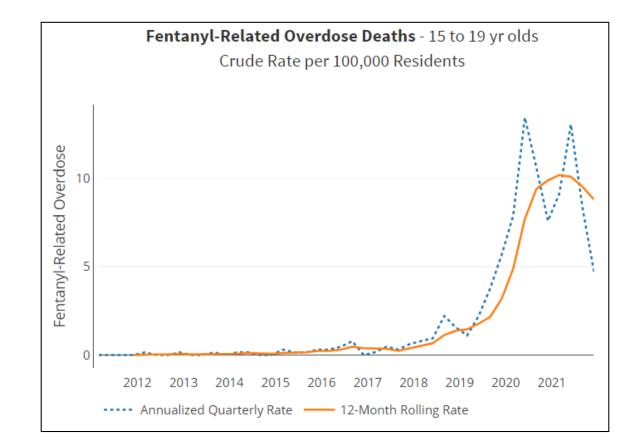
Jake Wolf, Parent & Advocate



OPI@cdph.ca.gov



### **Fentanyl** California Overdose Surveillance Dashboard



Source Links: <a href="https://skylab.cdph.ca.gov/ODdash/">https://skylab.cdph.ca.gov/ODdash/</a>;





### "Rainbow" Fentanyl

- Brightly colored using dyes
- Color ≠ strength or potency
- Has been identified in California in powder and pill form
- 2mg may be fatal





Any pill (regardless of its color, shape, or size) that does not come from a health care provider or pharmacist can contain fentanyl and can be deadly.

# Fentanyl

### California Overdose Surveillance Dashboard

**Los Angeles Times** More teenagers dying from fentanyl. 'It has a hold on me, and I don't know why'

### California teen girl dead of suspected fentanyl overdose: report

The teen's mom said she warned her daughter about the dangers of fentanyl

LOCAL NEWS

Teen fentanyl overdose deaths soaring in California



Source Links:

More teenagers dying from fentanyl. 'It has a hold on me' - Los Angeles Times (latimes.com); California teen girl dead of suspected fentanyl overdose: report | Fox News; Teen fentanyl overdose deaths soaring in California (ktla.com)





# Stop an Opioid Overdose with Live-Saving Naloxone

- A life-saving medication used to reverse an opioid overdose, including heroin, fentanyl, and prescription opioid medications.
- Is safe and easy to use, works almost immediately, and is not addictive.
- Can be quickly given through nasal spray (<u>Narcan</u>) or through an <u>auto-injector</u> into the outer thigh.
- Has very few negative effects, and has no effect if opioids are not in a person's system.



Naloxone nasal spray (Narcan)

Naloxone auto-injector

Learn more about <u>naloxone</u>





### **Resources for Educators and Adult Role Models**



 <u>CDPH Fentanyl and Overdose Prevention Toolkit</u> and social media messages (English and Spanish)

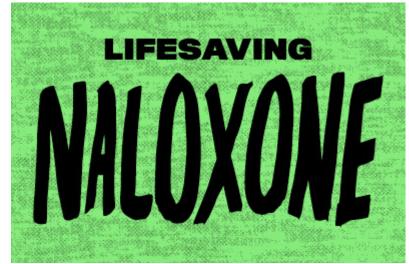


• Webpage that houses a collection of <u>opioid and substance</u> <u>use prevention resources</u> for adult role models working with youth, including educators.



### **CDPH: Statewide Standing Order for Naloxone**

- CDPH provides a <u>statewide standing order</u> to help support equitable access to naloxone.
- Authorizes entities in California to distribute and/or administer naloxone to:
  - individuals at risk of opioid overdose,
  - family members and friends,
  - other persons in a position to assist
- Resources:
  - <u>Standing Order Frequently Asked Questions</u>
  - Training Video: <u>Administering Naloxone</u>
  - Email: <u>naloxonestandingorder@cdph.ca.gov</u>



Learn more about <u>naloxone</u>





Applications Received from K-12 Schools Before/After CDPH Fentanyl Alert

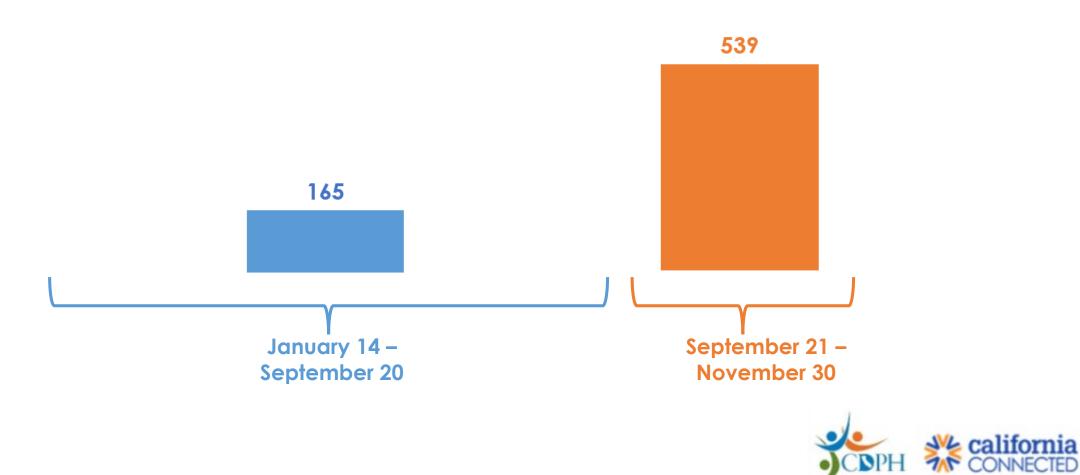
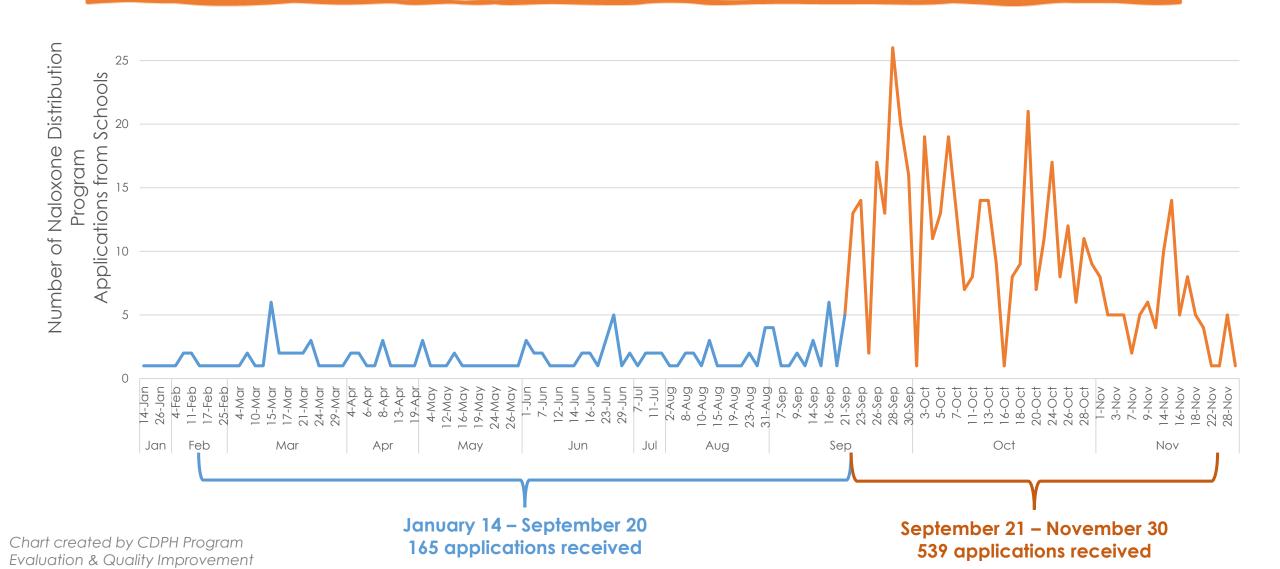


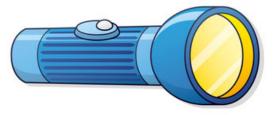
Chart created by Program Evaluation & Quality Improvement





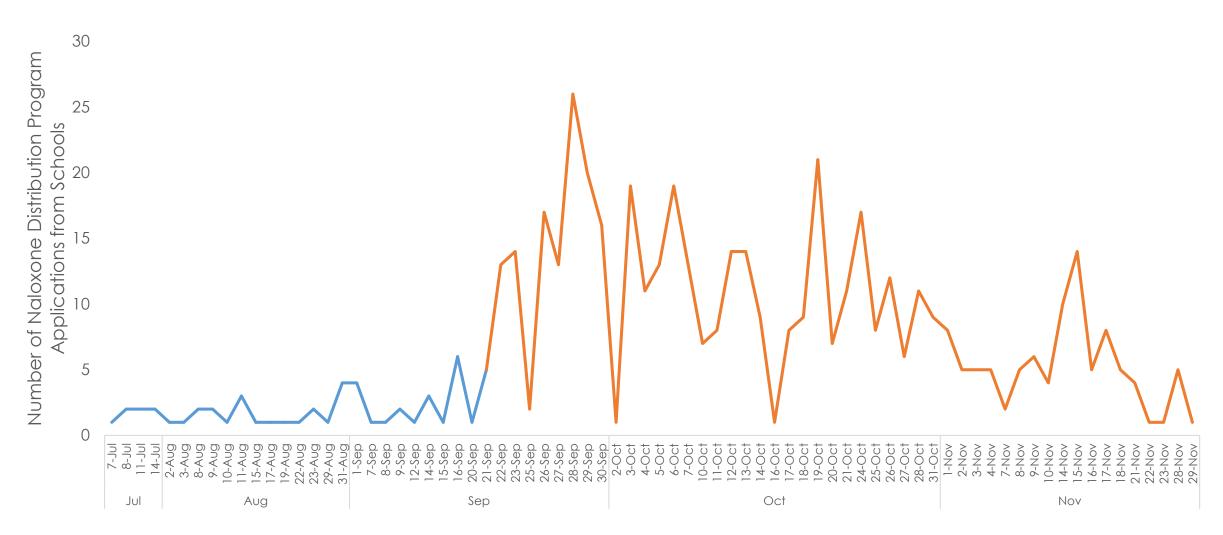
### **Stocking Naloxone in Schools**



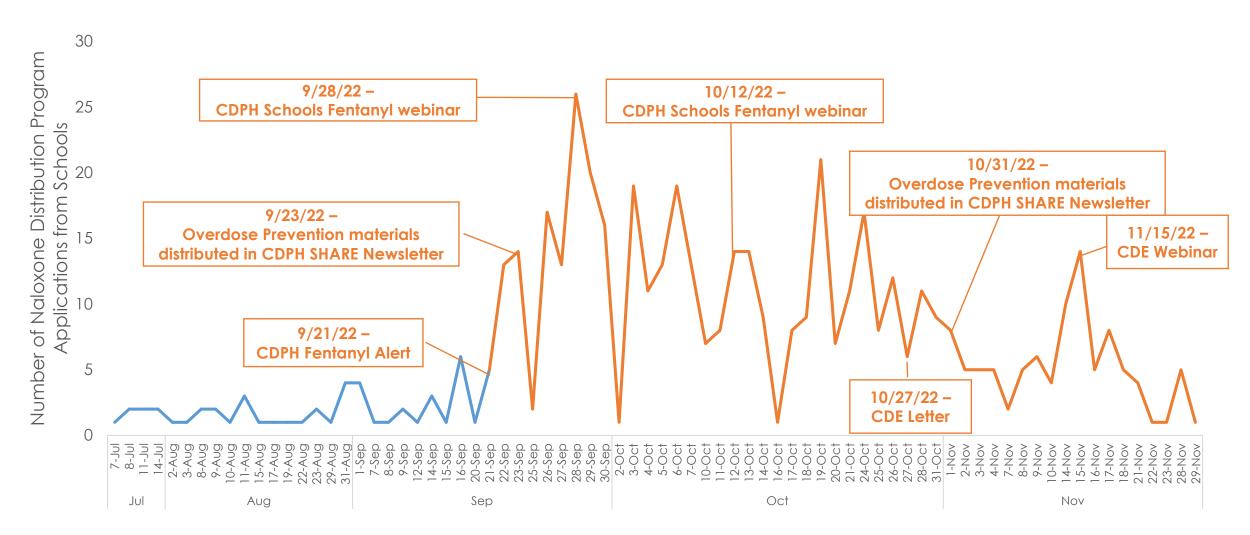




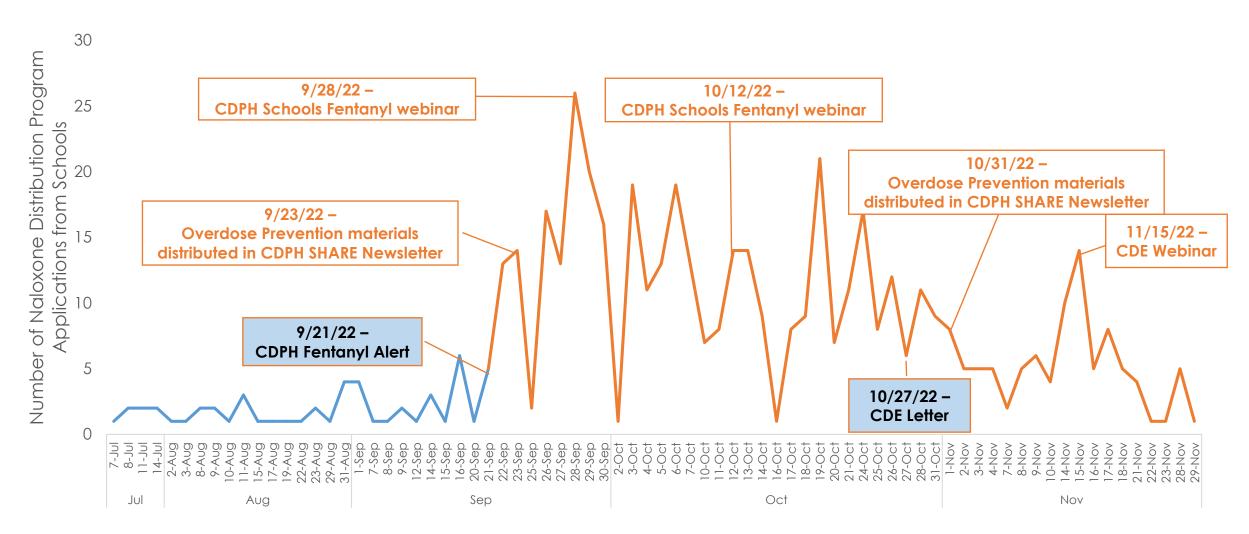








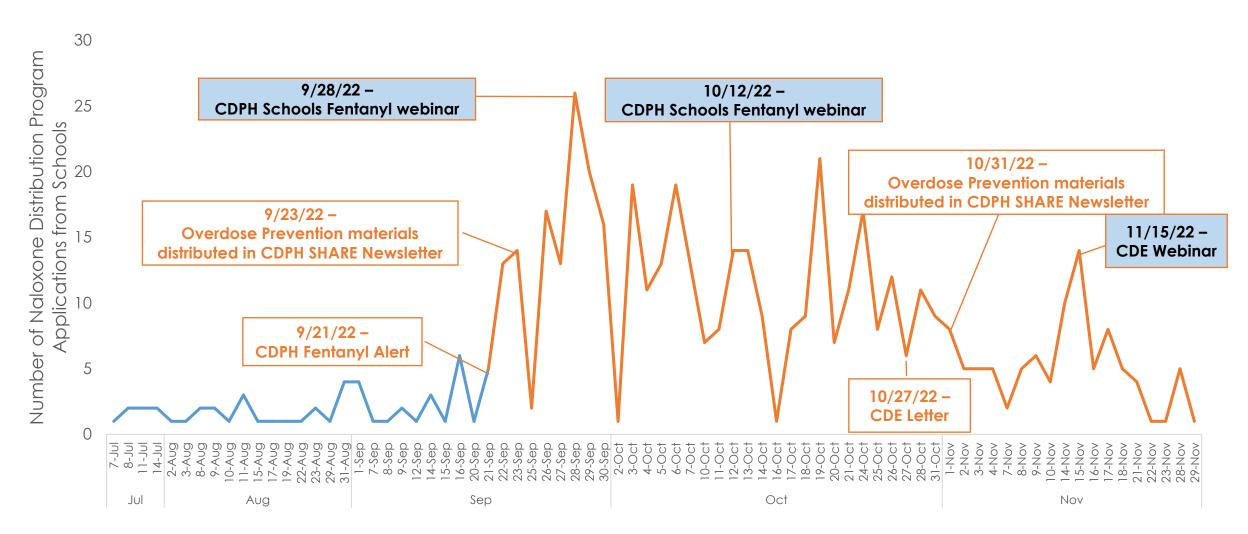




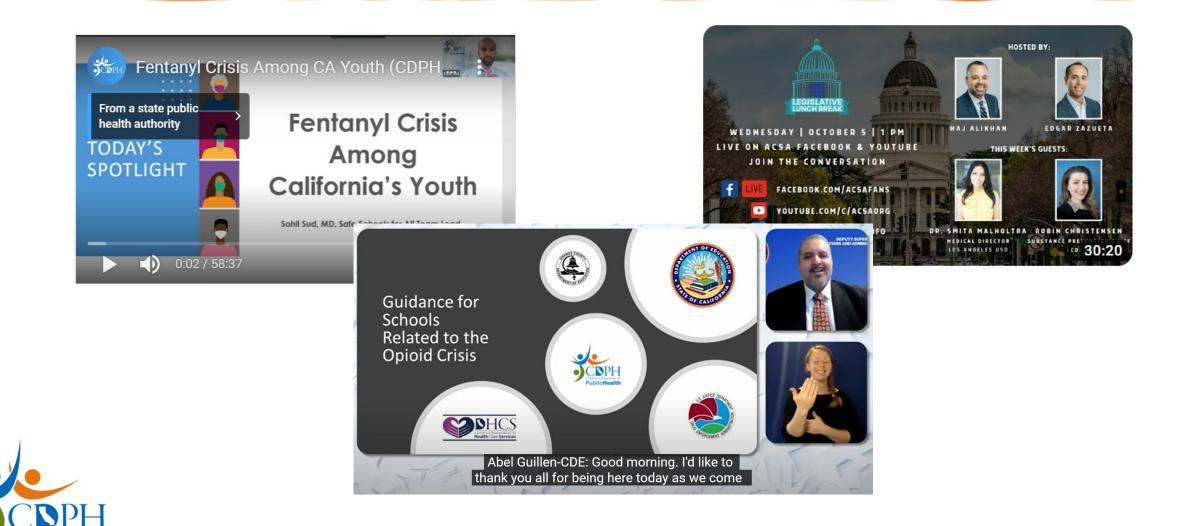
### **Rainbow Fentanyl Alert**





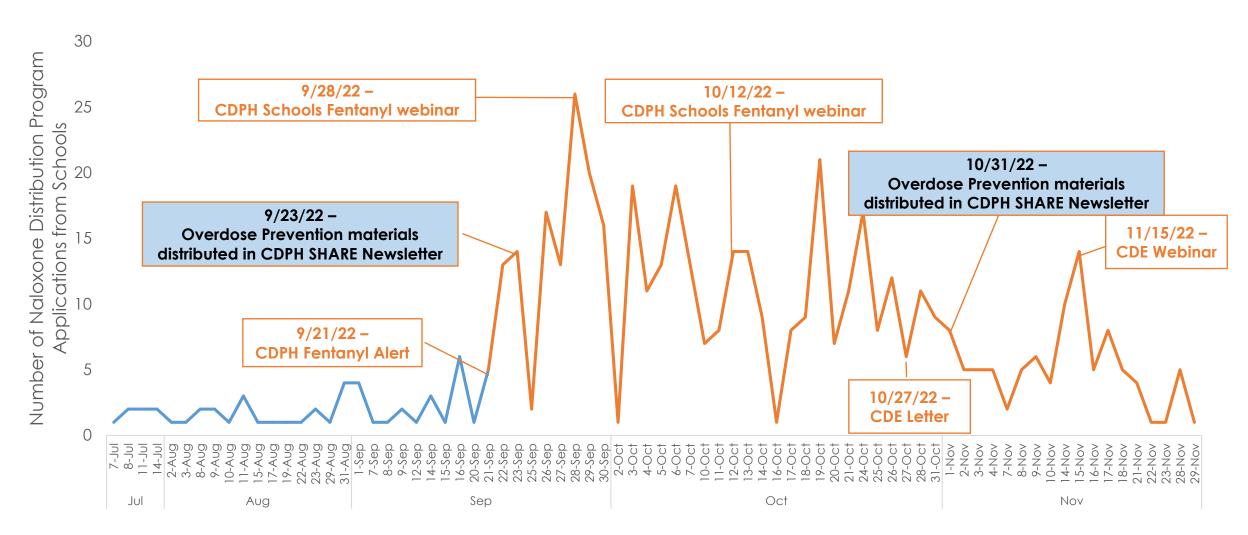


### Webinars - Youth Fentanyl Crisis



California Department of **PublicHealth** 





## **CDPH: School Health Repository (SHARE)**



### School Health Repository of Experiences (SHARE)

Let's get through this together. SHARE is a space to learn about health and safety practices developed by and for California schools and local health workers.



### https://schools.covid19.ca.gov

Contributor	Community Qu	uestion	Practice Description	Additior	Additional Resources		
Shasta County Office of Education		Shasta County	Distribution Project	Prescription	Drugs and		
	Contributor	Community Question	Practice Description		Additional R	esources	
	Fresno County Office of Education		Fentanyl Public Service Announcement In partnership with the County of Fresh County District Attorney's Office, Fresh Superintendent of Schools developed se service announcements to raise awaren fentanyl epidemic and educate kids on t fentanyl. Clips are available in English, S Hmong. The County of Fresho hosts sev resources on their "Fentanyl Danger in site, including law enforcement resource announcements, and National Fentanyl videos.	o and the Fresno o County everal public less of the the dangers of panish, and eral other Fresno County" es, public service	Fentanyl Danger i County PSA VIDEOS: FCSS 1 Bad Night FCSS 1 Bad Night FCSS Life Lost (EN (SPANISH) Fentanyl – Funera (SPANISH) Fentanyl Before It (ENG 15) (SPANISH 30) (SPANISH 30)	V1 (ENG) V2 (ENG) G) (HMON I PSA (ENG	
School Nurse Credential Program, California State University, Sacramento College of Continuing	Lake County Office of Education		Local School Naloxone Policy and Over Lake County Office of Education and Sat recently developed and implemented a naloxone policy, which allows for the su designee, or any trained district staff m administer naloxone during an opioid o	eRX Lake County local school perintendent, ember to	Lake County Nalo	xone Policy	
Education	San Joaquin County Public Health	How can schools and communities address the Fentanyl crisis?	Fentanyl Town Hall Meeting and Letter San Joaquin County Public Health Servic an educational event to educate familie of fentanyl and how to protect children from the lethal drug. Parents and educa provided with prevention resources and can receive a free Narcan kit. The event the San Joaquin County Office of Educat 3 <sup>rd</sup> , from 5:30 – 8:00 pm. Registration in the found on the flyer, and all are welcom	es is organizing s on the dangers and students tors will be d local attendees will be hosted at tion on October formation can	Fentanyl Town Ha Know the Dangers (ENGLISH) (SPANI: Press Release on I Dangers of Fentar	s of Fentan <u>SH)</u> Upcoming	

Overdose Prevention

Initiative



### **CDPH: Social Media Messaging**







### **CDPH: Schools Hub**

### **Fentanyl Crisis Among California Youth**

On 10/27/22, the CA Department of Education published a <u>Combatting Fentanyl with Actions and Resources</u> document encouraging education and health agencies to take additional steps to protect students from overdoses.

Following the release of an <u>Alert on Rainbow Fentanyl</u>, the California Department of Public Health hosted a webinar for health and education officials on the fentanyl crisis among California's youth. A video recording of the 10/12/22 webinar is posted below, and the <u>slides are available for download</u>. If you are having difficulty accessing this content, please contact CDPH at <u>SafeSchoolsTeam@cdph.ca.gov</u> to request this information in an alternate format.



### **Key Fentanyl Resources**

Learn more about **Fentany!** and consider how **Naloxone**, a life-saving medication used to reverse an opioid overdose, can be used by trained individuals in the school setting.

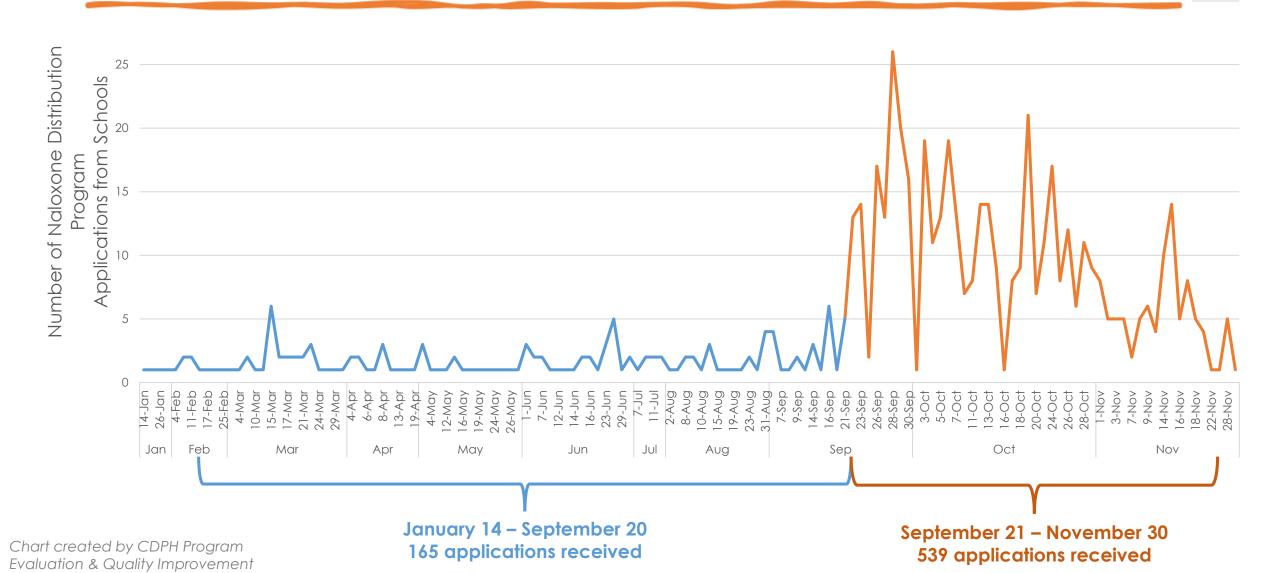
- Use the <u>Fentanyl & Overdose Prevention Communications Toolkit</u> to share information about the risks of fentanyl and how to prevent teen use and overdoses.
- Learn more about Substance Abuse Prevention Resources for Schools.





Source Link: <u>https://schools.covid19.ca.gov</u>





### Visit us on the web: <u>www.cdph.ca.gov/StopOverdose</u>





Email us: <u>OPI@cdph.ca.gov</u> Standing order questions: <u>NaloxoneStandingOrder@cdph.ca.gov</u>

# MAT Expansion Project Media Campaign

Department of Health Care Services Waheeda Sabah December 2022



# Medication Assisted Treatment (MAT) Expansion Project

- » State Opioid Response (SOR) III Amount: Approximately \$214 Million; allocated to statewide projects.
  - » Medication Assisted Treatment (MAT) is the use of medications, in combination with counseling and behavioral therapies, to provide a "whole-patient" approach to the treatment of Opioid Use Disorder (OUD). Research shows that a combination of medication and counseling can successfully treat OUD and help sustain recovery
- The MAT Project Aims to increase access to MAT, reduce unmet treatment need, and reduce opioid overdose related deaths through the provision of prevention, harm reduction, treatment, and recovery activities. The project focuses on populations with limited MAT access, including rural areas and American Indian & Alaska Native tribal communities.

# Media Campaign Project

- DHCS has launched a multi-media, multilingual advertising campaign for the MAT Expansion Project covering various cities within California, specifically targeting highly affected communities.
- The campaign includes television, radio, digital and print, in English, Spanish, Chinese, targeted at individuals with substance use disorder and their families, with an emphasis on making connections to treatment.
- You can visit ChooseChangeCA.org to learn more about the statewide "Choose Change" campaign, and to find MAT via the Treatment Locator.





# Research

- » CA Overdose Surveillance Dashboard
- » Prime Lingo (Scarborough)
- » The Census & American Community Survey
- » Language Spoken at home
- » Google Analytics
- » iHeart Brand Study

### California Opioid Related Overdose Deaths by County Year over Year

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Alemeda10.410.410.210.03.105.62.033.7Sarzarento10.7417.46.1110.75.08.84.657.03.756.1Sarzarento10.7417.46.1110.75.08.84.657.03.756.1Sarzarento17.6912.911.008.14.933.03.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.13.1 <td></td>											
Secamento         10.74         17.4         6.81         10.7         5.50         88         4.45         70         3.75         6.1           SentaCara         7.89         15.4         11.0         85         4.47         3.3         3.47         2.6         9.18         69           SentaGara         12.57         12.2         2.3.69         1111         12.8.5         64.4         9.2.3         63         5.9         3.0         13           SentaGara         8.44         8.8         7.6         4.3.8         45         5.6         3.5         4.3.8         14         14.5         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14         14											
Senta Clargen         7.69         15.44         7.10         18.49         9.89         85         2.83         6.60         3.19         67           Sonoray         17.26         1.22         2.2.69         11.11         12.85         6.4         9.23         4.3         5.99         30           Sonoray         15.50         10.8         11.50         7.4         8.84         4.5         5.96         5.5         3.39         18           Sen Mateo         10.94         8.44         10.06         8.1         7.1         4.44         4.22         1.5         4.58         4.75         4.0           Sen Mateo         10.94         8.4         10.06         8.1         7.7         1.1         4.44         3.52         3.5         4.5         4.77         4.0           Sen Mateo         10.9         6.6         1.1         7.1         4.44         3.1         1.0         1.3         7.7         2.1         1.0         1.1         2.0         1.0         1.1         2.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0	Contra Costa										
San Lagunin         17.64         13.8         11.10         85         4.47         33         3.47         26         9.18         69           Stanitaus         125.0         1.02         23.69         111         123.5         64         9.23         4.3         5.99         30           Stanitaus         125.0         1.00         1.1         123.5         64         3.52         3.53         1.8           San Mateo         1.00.9         8.44         8.84         7.01         7.1         4.44         4.43         3.52         3.5         4.58         4.54           San Mateo         1.00.9         8.44         1.00         5.5         1.1         4.83         1.9         2.7         7.0         1.1           Santa Mateo         1.1.49         8.4         8.71         1.8         5.55         2.8         1.1         4.02         1.9         2.46         1.0           Santa         1.1.49         8.4         8.7         1.8         1.1         1.7         1.7         1.7         1.1         1.0         1.4.6         2.0         1.0         1.1         1.0         1.4.6         2.0         1.0         2.0         1.1											
Sonora         127         128         111         1285         64         9.23         43         5.99         300           Stanikas         19.50         108         13.50         74         8.38         45         5.96         35         3.39         18           Frenco         8.44         88         7.01         7.1         4.44         44         3.52         35         4.58         477           Sen Mateo         10.94         8.4         10.06         81         7.71         4.04         4.83         3.99         4.75         4.0           Sen Lin Oblipo         26.67         7.1         20.96         57         8.12         2.1         4.29         1.3         7.7         21.1           Senta Biobra         12.94         5.6         3.5         1.0         4.23         7.7         25.9         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
Sanislawi         19.50         10.8         13.50         74         8.38         455         59.6         35         3.39         18           Sen Mateo         10.54         84         10.06         81         7.42         61         4.83         39         4.75         400           Sunis Obigo         26.77         71         20.56         57         8.12         21         4.29         13         7.77         21           Butte         26.64         62         11.54         26         5.14         11         6.55         17         7.57         12           Santa Bubso         11.24         54         8.71         39         6.65         31         40.2         19         2.46         10           Uare         11.12         49         4.22         39         2.13         10         1.4         4.98         12.0           Nama         11.24         49         4.22         39         2.13         1.17         1.4         4.99         1.0         1.0         1.4         4.98         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0											
fresno         8.44         8.8         7.01         7.1         4.44         4.44         3.52         3.5         4.53         4.73           Sen Mateo         10.94         8.4         10.06         81         7.42         61         4.83         3.9         4.75         40           Sen Mateo         25.64         62         11.54         26         5.14         11         6.55         17         7.57         17           Santa Babran         12.94         5.8         3.54         16         5.35         2.5         7.09         3.3         7.48         3.2           Solano         11.48         5.4         8.71         3.9         6.65         3.1         4.02         1.9         2.46         10           Placer         11.20         4.9         8.22         3.9         2.13         1.0         1.7.3         7.7         2.59         1.1           Mendocino         55.92         4.7         2.54.4         2.0         1.9.71         1.7         1.3.70         1.4         1.9.34         1.7           Stata         29.31.4         16.6         3.3         9.7         2.2         3.46         8         6.59         <											
San Maree         10.94         84         10.06         81         7.42         611         4.83         39         4.75         40           Bartie         28.64         62         11.54         26         51.4         11         6.55         17         7.72         12           Bartie         28.64         62         11.54         26         51.4         11         6.55         17         7.57         17           Startis Barbar         12.94         58         3.54         16         5.35         2.5         7.09         33         7.48         32.2           Startis Barbar         11.12         49         8.22         39         2.13         100         1.03         2.46         10           Mendorino         55.52         47         12.54         20         13.71         17         13.70         14         13.6         2.4           Marin         16.67         42         14.06         33         9.27         2.22         3.46         8         6.59         13           Marin         16.67         30         11.72         22         3.79         6         4.14         7         2.38         5											
Sen Lia Obligo         26.77         71         20.56         57         8.12         21         4.29         1.3         7.77         2.1           Senta Bahan         2.8.4         62         11.54         26         5.1.4         11         6.5.5         7.9         3.3         7.48         3.2           Santa Bahan         12.44         58         8.5.4         16         5.5.5         2.5         7.99         3.3         7.48         3.2           Tulare         11.1.2         49         8.2.2         3.9         2.1.3         1.0         1.7.3         7         2.5.9         1.1.8           Mendocino         55.9.2         47         25.44         2.0         1.9.71         1.7         1.3.70         1.4         19.3.4         1.7           Shata         29.33         4.7         16.5.5         2.7         9.8.1         1.6         5.3         1.1.0         1.0.406         2.4         1.4.06         2.3         1.1.17         1.0.6         2.4         1.4.06         2.3         1.1.17         1.0.0         1.3         1.6         2.3         1.0.17         1.0.2.0         1.3         1.0.1         1.0.0.1         1.0.0.1         1.0.0.1											
Santa Barbara         12.94         58         3.54         16         5.35         2.55         7.09         3.3         7.48         3.22           Solano         11.48         54         8.71         3.9         6.65         3.1         4.02         1.9         2.46         1.02           Tulare         11.12         4.9         8.22         3.9         2.13         1.0         1.73         7         2.59         1.11           Placer         12.20         4.8         12.22         4.5         6.85         2.8         1.94         8         4.79         1.80           Mendocino         55.92         4.7         1.25.5         2.7         9.81         1.6         5.43         1.0         1.46.66         2.4           Humbolit         35.15         4.4         18.34         2.4         18.36         2.3         11.17         16         21.09         2.1         1.702         3.8           Senta Curu         14.78         3.8         9.65         2.6         10.045         1.0         6.6         4.14         7         2.38         5.5           Senta Curu         13.6         1.17         2.26         3.75         6	San Luis Obispo	26.77	71	20.56	57	8.12	21	4.29	13	7.77	21
Solaro         11.48         54         8.71         39         6.65         31         4.02         19         2.46         10.01           Placer         11.12         49         8.22         39         2.13         100         1.73         7         2.59         11           Placer         12.20         48         12.22         45         6.85         2.8         1.94         8         4.79         18.18           Mendocino         55.92         47         16.25         2.7         9.81         16         5.43         100         14.06         2.44           Stats         25.83         44         16.34         2.44         18.16         2.21         3.17         16         2.103         2.103         2.104         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         2.103         1.103	Butte	28.64	62	11.54	26	5.14	11	6.55	17	7.57	17
Tulae         11.12         49         8.22         39         2.13         10         1.73         7         2.59         11           Placer         12.20         48         12.22         45         6.85         28         1.94         8         4.79         18           Mendocino <b>55.92</b> 47 <b>16.5</b> 27         9.81         16         5.43         10         14.06         24           Humbolit <b>35.15</b> 44         18.34         24 <b>18.66</b> 23 <b>11.17</b> 16         21.03         28           Marin         16.67         42         14.06         33         9.27         22         3.46         8         6.59         18           Garca <b>16.78</b> 38         9.65         26         10.47         29         8.49         23         6.59         13           Garca <b>16.69</b> 30         11.72         22         3.79         6         4.14         7         2.38         5           Nexed <b>30.67</b> 28 <b>34.09</b> 30         10.45         10         6.28         7         5.50         6											
Placer         12.20         48         12.22         45         6.85         28         1.94         8         4.79         18           Mendoxino <b>55.92</b> 47         16.25         27         9.81         16         5.43         10         14.46         19.34         12           Shata <b>35.15</b> 44         18.34         22         18.16         23         11.17         16         21.03         28           Marin         16.87         42         14.06         33         9.27         22         3.46         8         6.59         15           Santa Cuz         14.78         38         9.65         26         10.47         23         8.49         23         6.59         15           Santa Cuz         14.78         38         9.65         26         10.47         23.8         8.9         23.0         6.59         15           Lake         49.34         31         26.11         17         32.46         23         22.10         23.0         6         13.7           Marceit         39.67         28         34.09         30         10.62         2.10         3.9         7.6											
Mendecing         55.52         47         25.84         20         19.7         17         13.70         14         19.34         17           Humbolt         29.3         47         16.25         27         9.81         16         5.43         10         14.06         24           Humbolt         95.15         44         18.34         24         9.81         22         3.46         8         6.59         15           Santa Cur         14.78         38         9.65         26         10.47         29         3.49         23         6.59         18           Lake         49.34         31         26.11         17         32.46         23         22.70         21         17.02         13           Revada         30.67         2.8         34.09         30         10.45         10         6.28         7         5.50         6           Merced         5.22         2.4         9.98         29         7.36         19         7.30         20         4.67         13           Stater         2.15.7         5.8         12         3.88         6         3.75         6           Vaba         2.01											
Shata         29.33         47         16.25         27         9.81         16         5.43         10         14.06         24           Marin         16.67         42         14.06         33         9.27         22         3.46         8         6.59         15           Santa Cruz         14.78         38         9.65         26         10.47         29         8.49         23         6.59         18           Lake         49.94         31         26.11         17         32.46         23         22.70         21         37.02         13           B Dorado         16.69         30         11.72         22         3.79         6         4.14         7         2.38         5           Mexeda         30.67         28         34.09         30         10.45         10         6.28         7         5.50         6           Mered         5.65         27         5.85         25         3.48         16         1.73         8         1.65         7           Stater         21.04         21         10.35         11         250         3         8.72         8         2.05         2											
Humbolit         35.35         44         18.34         24         18.66         23         11.17         16         21.03         22.0           Santa Cruz         14.78         38         9.65         26         10.47         29         8.49         23         6.59         118           Lake         49.34         31         25.11         17         32.46         23         22.70         21         17.02         13           E Dorado         16.69         30         11.72         22.2         3.79         6         4.14         7         2.88         5.50           Newada         30.67         28         34.09         30         10.45         10         6.28         7         5.50         6           Martery         5.65         27         5.85         25         3.48         16         1.73         8         1.65         7           Matery         5.12         3.98         6         3.75         6         13         13         9           Stater         2.1.57         1.48         7         7.65         12         3.98         6         3.75         6           Vaba         2.0.61											
Santa Cuz         14.78         38         9.65         26         10.47         29         8.49         23         6.59         18           Lake         49.34         31         26.11         17         32.46         23         22.70         21         17.02         13           Borado         16.69         30         11.72         22         3.79         6         4.14         7         2.38         5           Nexda         30.67         28         34.09         30         10.45         10         6.28         7         5.50         6           Monterey         5.65         27         5.85         25         3.48         16         1.73         8         1.65         7           Merced         9.22         2.4         9.98         2.9         7.36         19         7.30         20         4.67         1.3           Sutter         21.04         11.61         10.35         111         2.50         3         8.72         8         2.05         2         6           Yuba         20.81         16         1.054         9         10.82         8         5.36         4         452         6											
Lake         49.34         31         26.11         17         32.66         23         22.70         21         17.02         13           B Dorado         16.69         30         11.72         22         3.79         6         4.14         7         2.38         5           Monterey         5.65         27         5.85         25         3.48         16         1.73         8         1.65         7           Sutter         9.22         2.24         9.98         2.9         7.36         1.9         7.30         2.0         4.67         1.3           Sutter         21.04         2.1         10.35         1.1         2.50         3         8.72         8         2.05         2           Yuba         20.81         1.6         10.64         9         10.82         8         5.36         4         13.15         9           Yuba         20.81         1.6         10.64         9         10.82         8         5.36         4         4.52         6           Napa         10.61         1.4         1.907         3.2         6.47         11         10.07         3.15         4           Ingerial<	Marin	16.87	42	14.06	33	9.27	22	3.46	8	6.59	15
ID Drado         16.69         30         11.72         22         3.79         6         4.14         7         2.38         5           Nevada         30.67         28         34.09         30         10.45         10         6.28         7         5.50         6           Merced         9.22         24         9.98         29         7.36         19         7.30         20         4.67         13           Matered         9.22         24         9.98         29         7.36         19         7.30         20         4.67         13           Sutter         21.04         21         10.35         11         2.50         3         8.72         8         2.05         2           Madera         11.57         17         4.87         7         7.65         12         3.98         6         3.75         6           Kings         9.20         15         7.36         10         1.06         2         2.76         4         4.52         6           Napa         10.61         14         19.07         32         6.47         11         10.07         16         4.57         8           San											
Needa         30.67         28         34.09         30         10.45         10         6.28         7         5.50         6           Monterey         5.65         27         5.85         25         3.48         16         1.73         8         165         7           Merced         9.22         24         9.98         29         7.36         19         7.30         20         4.67         13           Sutter         21.04         21         10.35         11         2.50         3         8.72         8         2.05         2           Madera         11.57         17         4.87         7         7.55         12         3.98         6         3.75         6           Yuba         20.81         16         10.64         9         10.82         8         5.36         4         4.52         6           Napa         10.61         14         5.00         8         2.29         3         3.97         7         3.15         4           Ingerial         8.76         14         19.07         32         6.47         11         10.07         16         4.57         8           Tolumne<											
Monterey         5.65         2.7         5.85         2.5         3.48         16         1.73         8         1.65         7           Merced         9.22         2.4         9.98         2.9         7.36         1.9         7.30         2.00         4.67         1.13           Sutter         21.04         2.1         10.35         1.1         2.50         3         8.72         8         2.05         2.0           Madera         11.57         1.7         4.87         7         7.65         1.2         3.98         6         3.75         6           Yuba         20.81         1.6         10.64         9         10.82         8         5.36         4         4.52         6           Napa         10.61         1.4         5.20         8         2.29         3         3.97         7         3.15         4           Imperial         8.76         1.4         19.07         32         6.47         11         10.07         16         4.57         8           San Bento         14.84         10         6.33         4         7.98         5         3.22         2         9.47         6											
Merced         9.22         24         9.98         29         7.36         19         7.30         20         4.67         113           Sutter         21.04         21         10.35         11         2.50         3         8.72         8         2.05         2           Madera         11.57         17         4.87         7         7.65         12         3.98         6         3.75         6           Yuba         20.81         16         10.64         9         10.82         8         5.36         4         13.15         9           Kings         9.20         15         7.36         10         1.06         2         2.76         4         4.52         6           Napa         10.61         14         52.0         8         2.29         3         3.37         7         3.15         4           Imperial         8.76         14         19.07         32         6.47         11         10.07         16         4.57         8           San Benko         14.83         9         3.48         2         0.81         1         2.52         1         9.47         5           Caleveras<									-		
Sutter         21.04         21         10.35         11         2.50         3         8.72         8         2.05         2           Madera         11.57         17         4.87         7         7.65         12         3.98         6         3.75         6           Vuba         20.81         16         10.64         9         10.82         8         5.36         4         13.15         9           Kings         9.20         15         7.36         10         1.06         2         2.76         4         4.52         6           Napa         10.61         14         5.20         8         2.29         3         3.97         7         3.15         4           Imperial         8.76         14         19.07         32         6.47         11         10.07         16         4.57         8           San Benito         14.84         10         6.33         4         7.98         5         3.22         2         9.47         6           Calweras         19.21         8         3.38         2         0.00         0         3.52         2         0.00         0           Todumma <td></td>											
Yuba         20.81         16         10.64         9         10.82         8         5.36         4         13.15         9           Kings         9.20         15         7.36         10         1.06         2         2.76         4         4.52         6           Napa         10.61         14         5.20         8         2.29         3         3.97         7         3.15         4           Imperial         8.76         14         19.07         32         6.47         11         10.07         16         4.57         8           San Benito         14.84         10         6.33         4         7.98         5         3.22         2         9.47         6           Calaveras         19.21         8         7.00         2         7.79         4         9.71         3         0.86         1           Tehama         12.31         8         3.38         2         0.00         0         3.52         2         0.00         0         1           Trinity         49.11         5         0.00         0         19.65         2.07         7.47         2         4.34         1	Sutter	21.04	21	10.35	11	2.50	3	8.72	8	2.05	
Kings         9.20         15         7.36         10         1.06         2         2.76         4         4.52         6           Napa         10.61         14         5.20         8         2.29         3         3.97         7         3.15         4           Imperial         8.76         14         10.07         32         6.47         11         10.07         16         4.57         8           San Benito         14.84         10         6.33         4         7.98         5         3.22         2         9.47         6           Tuolumne         18.83         9         3.48         2         0.81         1         2.52         1         9.47         5           Calweras         19.21         8         7.00         2         7.79         4         9.71         3         0.86         1           Tehama         12.31         8         3.38         2         0.00         0         3.52         2         0.00         0           Amador         17.58         7         13.07         4         7.81         5         2.90         1         2.71         2         3.31         1	Madera	11.57	17	4.87	7	7.65	12	3.98	6	3.75	6
Napa         10.61         14         5.20         8         2.29         3         3.97         7         3.15         4           Inperial         8.76         14         19.07         32         6.47         11         10.07         16         4.57         8           San Benito         14.84         10         6.33         4         7.98         5         3.22         2         9.47         6           Tuolumne         18.83         9         3.48         2         0.81         1         2.52         1         9.47         5           Calweras         19.21         8         7.00         2         7.79         4         9.71         3         0.86         1           Tehama         12.31         8         3.38         2         0.00         0         3.52         2         0.00         0         0.01           Armador         17.58         7         13.07         4         7.81         5         2.90         1         2.71         2           Trinity <b>49.11</b> 5         0.00         0 <b>14.47</b> 2 <b>17.77</b> 3         3.19         1											
Imperial         8.76         14         19.07         32         6.47         11         10.07         16         4.57         8           San Benito         14.84         10         6.33         4         7.98         5         3.22         2         9.47         6           Tuolumne         18.83         9         3.48         2         0.81         1         2.52         1         9.47         6           Calaveras         19.21         8         7.00         2         7.79         4         9.71         3         0.86         1           Calaveras         12.31         8         3.38         2         0.00         0         3.52         2         0.00         0           Armador         17.58         7         13.07         4         7.81         5         2.90         1         2.71         2           Trinity <b>49.11</b> 5         0.00         0         19.65         2         7.47         2         4.34         1           Invo <b>36.49</b> 5         2.03         3         14.47         2         17.77         3         3.19         1           Plo									-		
San Benito         14.84         10         6.33         4         7.98         5         3.22         2         9.47         6           Tuolumne         18.83         9         3.48         2         0.81         1         2.52         1         9.47         5           Calaveras         19.21         8         7.00         2         7.79         4         9.71         3         0.86         1           Tehama         12.31         8         3.38         2         0.00         0         3.52         2         0.00         0           Amador         17.58         7         13.07         4         7.81         5         2.90         1         2.71         2           Trinity         49.11         5         0.00         0         19.65         2         7.47         2         4.34         1           Invo         36.69         5         22.03         3         14.47         2         17.77         3         3.19         1           Del Norte         15.34         5         9.01         3         4.67         1         0.00         0         12.56         4           Yolo											
Tuolumne         18.83         9         3.48         2         0.81         1         2.52         1         9.47         5           Calaveras         19.21         8         7.00         2         7.79         4         9.71         3         0.86         1           Tehama         12.31         8         3.38         2         0.00         0         3.52         2         0.00         0           Amador         17.58         7         13.07         4         7.81         5         2.90         1         2.71         2           Trinity         49.11         5         0.00         0         19.65         2         7.47         2         4.34         1           Inyo         36.49         5         9.01         3         4.67         1         0.00         0         12.56         4.9           Valo         1.69         5         4.04         10         3.91         9         2.21         5         3.19         7           Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0         1           Sisky											
Calaveras         19.21         8         7.00         2         7.79         4         9.71         3         0.86         1           Tehama         12.31         8         3.38         2         0.00         0         3.52         2         0.00         0           Amador         17.58         7         13.07         4         7.81         5         2.90         1         2.71         2           Trinity         49.11         5         0.00         0         19.65         2         7.47         2         4.34         1           Inyo         36.49         5         22.03         3         14.47         2         17.77         3         3.19         1           Del Norte         15.34         5         9.01         3         4.67         1         0.00         0         12.56         4           Yolo         1.69         5         4.04         10         3.91         9         2.21         5         3.19         7           Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0         0.00         1											
Amador         17.58         7         13.07         4         7.81         5         2.90         1         2.71         2           Trinity         49.11         5         0.00         0         19.65         2         7.47         2         4.34         1           Inyo         36.49         5         22.03         3         14.47         2         17.77         3         3.19         1           Del Norte         15.34         5         9.01         3         4.67         1         0.00         0         12.56         4           Valo         1.69         5         4.04         10         3.91         9         2.21         5         3.19         7           Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0           Lassen         13.51         4         18.12         7         5.98         2         3.62         2         9.7         4           Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         2.51         1           Modoc <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></th<>											-
Trinity         49.11         5         0.00         0         19.65         2         7.47         2         4.34         1           Inyo         36.49         5         22.03         3         14.47         2         17.77         3         3.19         1           Del Norte         15.34         5         9.01         3         4.67         1         0.00         0         12.56         4           Yolo         1.69         5         4.04         10         3.91         9         2.21         5         3.19         7           Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0           Lassen         13.51         4         18.12         7         23.47         7         11.90         4         13.91         5           Siskyou         7.41         4         19.37         7         5.98         2         3.62         2         9.97         4           Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         5.51         1           Modoc											
Invo         36.49         5         22.03         3         14.47         2         17.77         3         3.19         1           Del Norte         15.34         5         9.01         3         4.67         1         0.00         0         12.56         4           Yolo         1.69         5         4.04         10         3.91         9         2.21         5         3.19         7           Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0           Lassen         13.51         4         18.12         7         23.47         7         11.90         4         13.91         5           Siskyou         7.41         4         19.37         7         5.98         2         3.62         2         9.97         4           Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         5.51         1           Medoc         24.01         2         0.00         0         0.00         0         0.00         2.551         1           Medoc         24.01											
Del Norte         15.34         5         9.01         3         4.67         1         0.00         0         12.56         4           Yolo         1.69         5         4.04         10         3.91         9         2.21         5         3.19         7           Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0         0           Lassen         13.51         4         18.12         7         23.47         7         11.90         4         13.91         5           Siskiyou         7.41         4         19.37         7         5.98         2         3.62         2         9.97         4           Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         5.51         1           Modoc         24.01         2         0.00         0         0.00         0.00         0         0.00         23.58         3           Plumas         9.31         2         6.28         1         11.77         2         18.11         2         2.00         1           <											
Yolo         1.69         5         4.04         10         3.91         9         2.21         5         3.19         7           Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0           Lassen         13.51         4         18.12         7         23.47         7         11.90         4         13.91         5           Siskyou         7.41         4         19.37         7         5.98         2         3.62         2         9.97         4           Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         5.51         1           Modoc         24.01         2         0.00         0         0.00         0         0.00         0         23.58         3           Plumas         9.31         2         6.28         1         11.77         2         18.11         2         2.00         1           Alpine         67.30         1         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0											
Glenn         14.29         4         14.87         3         3.31         1         4.71         1         0.00         0           Lassen         13.51         4         18.12         7         23.47         7         11.90         4         13.91         5           Siskiyou         7.41         4         19.37         7         5.98         2         3.62         2         9.97         4           Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         5.51         1           Modoc         24.01         2         0.00         0         0.00         0         0.00         0         23.58         3           Plumas         9.31         2         6.28         1         11.77         2         18.11         2         2.00         1           Alpine         67.30         1         0.00         0         0.00         0.00         0         0.00         0         0.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0							-				
Lasen         13.51         4         18.12         7         23.47         7         11.90         4         13.91         5           Siskiyou         7.41         4         19.37         7         5.98         2         3.62         2         9.97         4           Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         5.51         1           Modoc         24.01         2         0.00         0         0.00         0         0.00         0         23.58         3           Plumas         9.31         2         6.28         1         11.77         2         18.11         2         2.00         1           Alpine         67.30         1         0.00         0         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.											
Mariposa         20.05         3         3.87         1         23.40         4         0.00         0         5.51         1           Modoc         24.01         2         0.00         0         0.00         0         0.00         0         23.58         3           Plumas         9.31         2         6.28         1         11.77         2         18.11         2         2.00         1           Alpine         67.30         1         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0											
Modoc         24.01         2         0.00         0         0.00         0.00         0.00         23.58         3           Plumas         9.31         2         6.28         1         11.77         2         18.11         2         2.00         1           Alpine         67.30         1         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0         0         0.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0				19.37					2	9.97	
Plumas         9.31         2         6.28         1         11.77         2         18.11         2         2.00         1           Alpine         67.30         1         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0											
Alpine         67.30         1         0.00         0         0.00         0         0.00         0         0.00         0           Colusa         0.00         0         14.72         3         15.66         3         0.00         0         0.00         0           Mono         0.00         0         0.00         0         0.00         0         0.00         0											
Colusa         0.00         0         14.72         3         15.66         3         0.00         0         0.00         0           Mono         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	-										
Meno 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0											

County	2017 Rates	2017 Counts	2018 Rates	2018 Counts	2019 Rate	2019 Counts	2020 Rate	2020 Counts	2021 Rate Preliminary	2021 Counts Preliminary
California	1.058	431	1.953	786	4.01	1,603	9.86	3,946	14.26	5,722
Unknown	NaN	0	NaN	41	NaN	2	NaN	71	NaN	4
									2021 Rate	2021 Counts
County 🚽 🕇	2017 Rates	2017 Counts	2018 Rates	2018 Counts	2019 Rate	2019 Counts	2020 Rate	2020 Counts	Preliminary T	Preliminary
Alameda	0.322	6	0.805	14	3.15	56	6.60	117	8.17	150
Alpine	0	0	0	0	0.00	0	0.00	0	67.30	1
Amador	0	0	2.898	1	3.94	2	6.72	2	6.50	3
Butte	0.612	1	0	0	1.11	2	2.52	6	20.39	42
Calaveras	0	0	0	0	0.00	0	3.12	1	15.90	6
Colusa	0	0	0	0	4.84	1	6.10	1	0.00	0
Contra Costa	1.325	14	2.24	25	4.46	49	9.77	108	14.11	158
Del Norte	0	0	0	0	0.00	0	9.01	3	17.35	6
El Dorado	0.665	1	1.14	2	1.32	2	5.35	10	11.70	19
Fresno	0.395	4	0.175	2	1.68	15	4.13	43	6.29	65
Glenn	0	0	0	0	0.00	0	4.89	1	8.07	2
Humboldt	0.852	1	0	0	6.52	8	7.88	10	29.29	36
Imperial	0	0	1.985	3	3.51	6	10.67 22.03	18	7.60 27.37	12
lnyo Kern	0	12	3.292	1 28	6.93 5.77	1 54	15.13	3	27.37 24.75	219
Kings	0	0	3.292	28	0.00	54	3.37	5	5.75	10
Lake	6.122	4	3.615	3	5.41	4	7.17	5	43.22	26
Lassen	0	0	0	0	7.54	2	7.13	2	10.64	3
Los Angeles	1.083	117	1.905	201	3.91	406	9.39	970	13.13	1,361
Madera	0	0	0	0	1.82	3	1.98	3	9.57	14
Marin	0.975	2	0.668	2	5.25	11	10.44	22	14.44	34
Mariposa	0	0	0	0	0.00	0	0.00	0	13.10	2
Mendocino	2.87	2	1.433	1	11.15	9	19.02	14	50.22	40
Merced	0	0	2.947	8	1.50	4	6.39	18	6.48	17
Modoc	0	0	0	0	0.00	0	0.00	0	0.00	0
Mono	0	0	0	0	0.00	0	0.00	0	0.00	0
Monterey	0.212	1	0.422	2	2.03	9	5.36	23	3.71	17
Napa	0	0	0	0	1.79	2	3.45	5	9.86	13
Nevada	0.45	1	1.4	1	0.00	0	21.77	18	20.95	16
Orange	1.433	47	2.942	94	3.92	126	12.09	385	20.76	650
Placer	0.315	1	0	0	1.80	6	7.30	26	9.02	33
Plumas	0	0	18.11	2	3.17	1	0.00	0	5.43	1
Riverside	1.172	28	2.188	52	5.42	134	11.08	274	16.16	404
Sacramento San Benito	0.552 3.257	9	0.93	14	2.38	36	3.50	54	7.68	119
San Bernardino	0.568	12	1.558	30	3.41	3 74	3.27 10.29	2 227	13.68	309
San Diego	2.038	75	2.31	82	4.13	142	11.70	406	13.66	603
San Francisco	1.638	19	7.06	69	19.07	196	38.10	380	38.39	382
San Joaquín	0.615	5	0.372	3	197	195	6.71	51	13.13	101
San Luis Obispo	0	0	0.445	1	3.08	8	12.50	33	21.88	56
San Mateo	1.195	9	1.69	13	4.75	36	7.41	58	9.50	72
Santa Barbara	2.107	9	1.955	9	3.11	15	2.33	10	7.22	31
Santa Clara	0.655	13	0.515	11	1.23	25	4.38	84	6.46	125
Santa Cruz	0.455	1	0.732	2	2.05	5	5.58	13	10.67	26
Shasta	0.632	1	0	0	3.95	6	4.51	7	25.64	41
Sierra	0	0	0	0	0.00	0	0.00	0	0.00	0
Siskiyou	3.533	1	0	0	3.29	1	4.84	2	4.55	2
Solano	0	0	1.268	5	4.04	18	6.19	26	8.09	36
Sonoma	0.855	4	4.34	21	8.52	41	21.85	102	22.87	105
Stanislaus	0.715	3	1.15	7	2.82	15	10.16	54	14.82	79
Sutter	0	0	1.327	1	1.71	2	3.83	4	20.24	20
Tehama	0	0	0	0	0.00	0	1.04	1	8.20	5
Trinity	0	0	3.005	1	0.00	0	0.00	0	35.36	4
Tulare	0	0	0	0	1.25	6	6.25	29	9.28	41
Tuolumne	0 2.92	0	0	0	0.78	1	2.64	1	12.00 21.01	5
Ventura		24	3.715	31	4.47	38	10.87	86		169
Yolo Yuba	0.68	1	1.772	1	5.00	2 4	2.96	8	1.14 16.18	3

California Fentanyl Related Overdose Deaths by County Year over Year

### California **Opioid Related** Overdose Deaths by Race Year over year



Asian/Pacific Islander

Any Opioid-Related Overdose Death Rate

2017-2021 (preliminary)

Any Opioid-Related Overdose : Crude Rate per 100k Residents & Pacific Islander



YOY Rate

Change %

3.25

3.00

2.75

2.50

2.25

2.00

1.75

1.50

1.25

1.00

0.75

0.50

0.25

0.00

Fate

- YOY Rate

Change %

2017

1.05

2018

1.09

3.3%

2019

1.46

33.9N

2020

3.01

306.6N

2020 2021 1.46 3.01 2.84 Count YOY Count 3.3% 106.6% -5.7% 33.9% Change %

95%

BON

65%

-10%

ian/Pacific Islande

225

300

175

158

125

100

2017

65

201B

68

4.6%

2019

92

35.3%

2020

198

109.8%

2021

385

-4.1%

110%

100%

90%

80%

70%

60%

50%

401

30%

20%

109

2021

2,103

22.6%

2017

65

2018 2019

68

4.5%

Asian/Pacific Islander

Any Opioid-Related Overdose Death Rate

2017-2021 (preliminary)

92

35.3% 109.8%

2020 2021

193

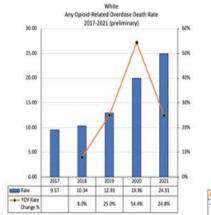
185

-4.1%

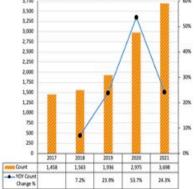
1109

California Deaths - by Race/Ethnicity - 2017 - 2021 (Preliminary) Any Opioid-Related Overdose : Crude Rate per 100k Residents

White	2017	2018	2019	2020	2021
Rate	9.57	10.34	12.93	19.96	24.91
YOY Rate					
Change %		8.0%	25.0%	\$4.4%	24.8%



White 2017 2018 2019 2020 2021 Count 1,458 1,563 1,936 2,975 3,698 YOY Count Change % 7.2% 23.9% 53.7% 24.3% White Any Opioid-Related Overdose Death Rate 2017-2021 (preliminary) 3,750 50%



Source: CDPH Center for Health Statistics and Informatics Vital Statistics - Multiple Cause of Death and California Comprehensive Death Files Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch

2021

2.84

-5.7%

California Deaths - by Race/Ethnicity - 2017 - 2021 (Preliminary) Any Opioid-Related Overdose : Crude Rate per 100k Residents

Hispanic/Latino	2017	2018	2019	2020	2021
Rate	3.11	3.71	5.55	10.94	13.33
YOY Rate			·		
Change %		19.2%	49.7%	97.0%	21.8%

ŀ	lispar	nic 8	4
L	atino		

count

YOY Court

Change %

Hispanic/ Latino	2017	2018	2019	2020	2021
Count	482	576	865	1,715	2,103
YOY Count	1				
Change %		19.5%	50.2%	98.3%	22.6%

California Deaths - by Race/Ethnicity - 2017 - 2021 (Preliminary) Any Opioid-Related Overdose : Crude Rate per 100k Residents

### **Black/ African** American 2017 2018 2019 2020 2021 Rate 6.23 7.81 12.98 22.85 31.47 YOY Rate Change % 25.4% 66.2% 76.0% 37.7%

Black & African

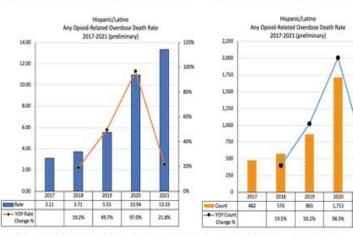
Black/ African American 2017 2018 2019 2020 2021 Count 152 191 318 563 780 YOY Count Change % 25.7% 66.5% 77.0% 38.5%

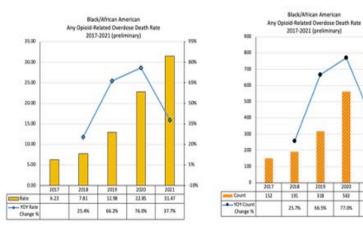
> 2019 2020 2021

318

66.5% 77.0% 38.5N

563 780





Source: CDPH Center for Health Statistics and Informatics Vital Statistics - Multiple Cause of Death and California Comprehensive Death Files

Source: CDPH Center for Health Statistics and Informatics Vital Statistics - Multiple Cause of Death and California Comprehensive Death Files Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch.

Source: CDPH Center for Health Statistics and Informatics Vital Statistics - Multiple Cause of Death and California Comprehensive Death Files Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch.

Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch.

Caucasian

American

California Deaths - by Race/Ethnicity - 2017 - 2021 (Preliminary) Asian American

Fentanyl-Related Overdose : Crude Rate per 100k Residents

3.00

2.50

2.00

1.50

1.00

0.50

0.00

Rate

+ YOYRate

Hispanic/Latino

Rate

YOY Rate

Change %

Change N

2017

0.23

Q. Desifie Islandou

					6	Pacific Islander			
Asian/Pacific	slander					Asian/Pacific	Islander		
	2017	2018	2019	2020	2021		2017	2018	2019
Rate	0.23	0.42	0.76	2.39	2.61	Count	14	26	48
YOY Rate Change %		84.4%	81.2%	213.9%	9.3%	YOY Count Change %		85.7%	45.8%





22.00

2.00

Rate

2255

200%

175%

150%

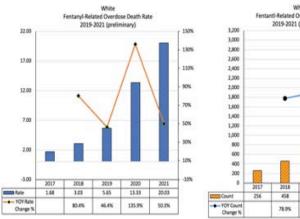
125%

100%

75%

White	2017	2018	2019	2020	2021
Rate	1.68	3.03	5.65	13.33	20.03
YOY Rate	1	1.000		P	
Change %		80.4%	46.4%	135.9%	50.3%

California Deaths - by Race/Ethnicity - 2017 - 2021 (Preliminary)



Source: CDPH Center for Health Statistics and Informatics Vital Statistics - Multiple Cause of Death and California Comprehensive Death Files

Caucasian

White

2017 2018

Count 256 458 846 1,987 2,974 YOY Count 84.7% 134.9% 49.7% 78.9% Change % White Fentanti-Related Overdose Death Rate 2019-2021 (preliminary) 150% 130% 110% 90% 70% 50% 30% 10%

2021

2,974

250%

150%

2019 2020 2021

California Fentanyl Related Overdose Deaths by Race Year over year

Source: CDPH Center for Health Statistics and Informatics Vital Statistics - Multiple Cause of Death and California Comprehensive Death Files Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch.

2021

11.72

2021

2.61

9.3N

2020

2.39

213.9%

1009

75%

50%

California Deaths - by Race/Ethnicity - 2017 - 2021 (Preliminary) Fentanyl-Related Overdose : Crude Rate per 100k Residents

1.46

2017

0.75

2018

0.42

84.4%

2019

0.76

81.2%

2018 2019 2020

3.26 8.40

Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch

94.9% 123.4% 157.5% 39.6%

Hispanic &
Latino

Count

· YOY Count

Change %

2017

14

2018

85.7%

26

2019

45.8%

48 153

2020

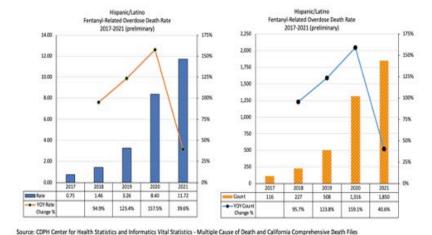
218.8N

2021

170

11.1%

Hispanic/Latino	2017	2018	2019	2020	2021
Count	116	227	508	1,316	1,850
YOY Count Change %		95.7%	123.8%	159.1%	40.6%



California Deaths - by Race/Ethnicity - 2017 - 2021 (Preliminary) Fentanyl-Related Overdose : Crude Rate per 100k Residents

35.00

30.00

25.00

20.00

15.00

10.00

5.0

0.00

Fate I

Change %

2017

1.43

2018 2019

2.78 7.64

93.8%

174.8%

Black/African American	2017	2018	2019	2020	2021
Rate	1.43	2.78	7.64	22.85	31.47
YOY Rate			1 T		-
Charge %		93.8%	174.8%	199.1%	37.7%

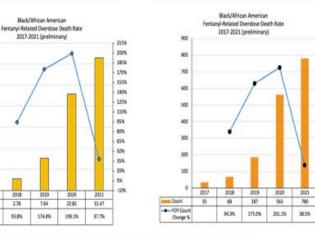
Black/African American	2017	2018	2019	2020	2021
Count	35	68	187	563	780
YOY Count	-				
Change %		94.3%	175.0%	201.1%	38.5%

2019 2020

84.7%

134.9% 49.7%

846 1,987



Source: CDPH Center for Health Statistics and Informatics Vital Statistics - Multiple Cause of Death and California Comprehensive Death Files Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch.

Prepared by: California Department of Public Health - Substance and Addiction Prevention Branch.

Black/African American

2017-2021 (preliminary)

### Black & African

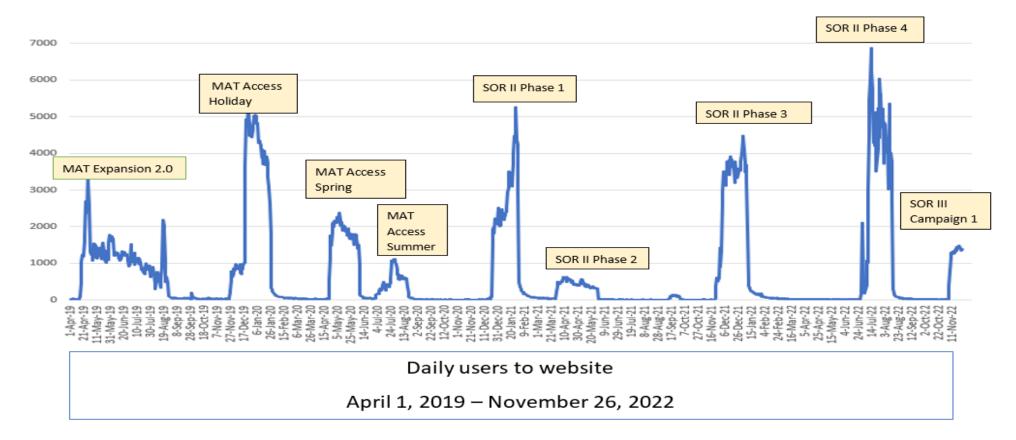
American

Black/Amican American	2017	2018	2019	2020	2021
Count	35	68	187	563	780
YOY Count				1	
Change %		94.3%	175.0%	201.1%	38.5%

### **Vendor Selection**



### Website Analytics



### **Evolution of the ChooseChangeCA.org website**

First launched in April 2019, <u>ChooseMAT.org</u> was developed in conjunction with the Choose Change California advertising campaign. In order to create a seamless user experience from the ads to the website, the website's typography, color palette, and imagery mirror the visual style of the creative campaign. The home images dynamically populate according to the race and gender of the digital display ad clicked.

As initially launched, visitors could find information on Opioid Use Disorder (OUD) and Medication Assisted Treatment (MAT), as well as the site's primary feature, a treatment locator that assists site visitors in finding local MAT providers upon entry of their zip code. The treatment locator was developed and programmed as a bespoke database solution, using SAMHSA and Department of Health Care Services data. A Spanish version of the site, EligeTAM.org, also launched in April 2019.

Since then, slight content changes have been made to the site, in particular the addition of COVID-19 and Stimulant Use Disorder (SUD) information, to correspond with the evolving messaging of the campaign creative. In order to help separate out and track the different OUD and SUD creative and visitor engagement via Google Analytics, English and Spanish vanity URLs (ChooseChangeCA.org and EligeCambiarCA.org) were added in December 2020. In November 2022, the site also became available in Chinese in response to emerging OUD research and demographics.

## **Creative Samples**



Proven treatment for opioid addiction starts here. ChooseMAT.org CHOOSE

### Treatment for stimulant addiction starts here.

Derritlet COVID-Ratep you from choosing the right treatment. During the Concreations pandience, threatent Use Decorder treatment for addiction to drugs such as welly, emphatemines, and coosine is available. Writesi care options can limit your exposure to COVID-III, white getting you started on the path to recovery.

Medi-Cal, Medicare and many private insurance plans cover treatment for Structure Use Disorder, You can access Structure Use Disorder Instiment Brough a primary care doubler. Iconsectnarcolic treatment programs, culpatient treatment programs, or licensed residential treatment Relative.

Find a proven treatment option that's right for you at Choose Change CA.org.

Comparison in the second second system in the second of the second statement is a second system in the heat second with ever second statements with the second system in the second statement.







**CHANGE** CALIFORNIA



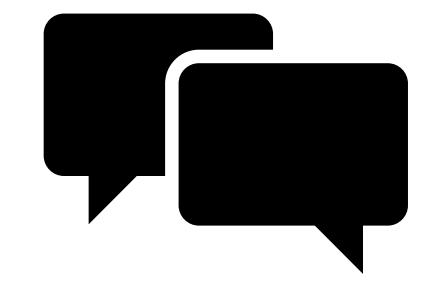
- » To promote access and prevention education with underserved communities (Latinx, African American, Asian American) about opioid misuse and provide links to wraparound care and treatment through a culturally competent media campaign
- » The campaign strove to:
- Engage with and educate underserved communities
- Test messaging with community media experts and their networks
- Equip communities with resonant messaging and stories
- Build a narrative thread of stigma reduction and empathetic understanding of opioid use disorder and MAT services

### **Online MAT Resources**



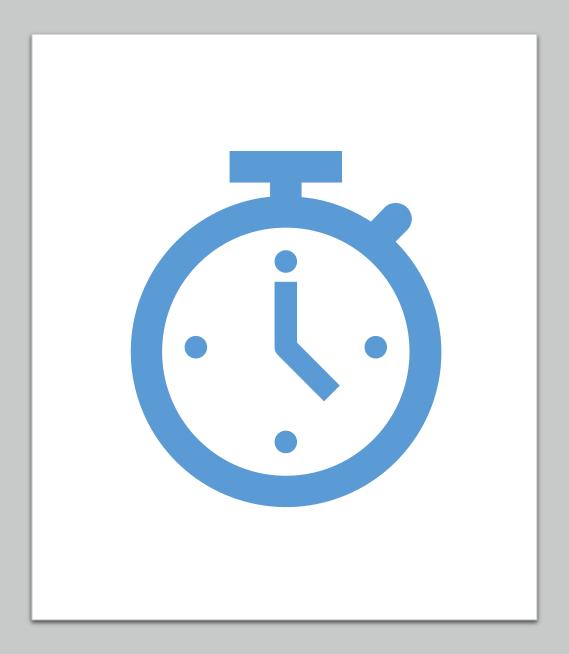
## Thank you!





# Q&A / DISCUSSION





### **SHORT BREAK**

(5 minutes)

# **CONTINGENCY MANAGEMENT – PRESENTATION & DISCUSSION**

Corinne Kamerman, Department of Health Care Services



# Recovery Incentives Program: California's Contingency Management Benefit

**Corinne Kamerman** 

**Contingency Management Coordinator** 



## DHCS Goals for the Contingency Management Pilot Program

**Mission:** To expand access to evidence-based treatment for stimulant use disorders, DHCS intends to pilot Medi-Cal coverage of CM services as the Recovery Incentives program from Quarter 1 2023 through March 31, 2024. While Contingency Management (CM) has been tested using other sources of funding, California is the first state in the country to receive federal approval of CM services as a benefit in the Medicaid program through the <u>CalAIM 1115 Demonstration</u>.

**Vision:** DHCS intends to use the pilot as a basis for informing the design and implementation of a statewide CM services benefit through the Drug Medi-Cal Organized Delivery System (DMC-ODS), pending budgetary and statutory authority.

### **Pilot Program Overview**

DHCS intends to pilot Medi-Cal coverage of CM services in DMC-ODS counties that elect and are selected to participate from Quarter 1 2023 through March 2024. Eligible Medi-Cal beneficiaries will:



Participate in a structured **24-week CM Program--**12 weeks with twice weekly testing/incentives and a 12-week continuation with once weekly testing/incentives



Receive incentives for testing **negative for stimulants only** even if they test positive for other drugs



Earn a **maximum of \$599** over the 24-week period in the form of gift cards



Generate incentives and track progress using **Incentive Manager** software

## **Recovery Incentives Program Counties**

### 24 DMC-ODS counties plan to participate in the Recovery Incentives Program:

Alameda	San Diego
Contra Costa	San Francisco
Fresno	San Joaquin
Imperial	San Luis Obispo
Kern	San Mateo
Los Angeles	Santa Barbara
Marin	Santa Clara
Nevada	Santa Cruz
Orange	Shasta
Riverside	Tulare
Sacramento	Ventura
San Bernardino	Yolo

### **Role of the CM Coordinator**

Providers will have a designated CM coordinator to lead the tracking and delivery of all CM services, including urine drug screen tests and incentive distribution.

- » The CM coordinator will be expected to:
  - » Enter beneficiary information in the electronic health record for reimbursement and reporting purposes
  - » Collect urine drug test (UDT) samples and recognize sample tampering efforts
  - » Enter UDT results into the Incentive Manager software program, understanding the incentive amount and being able to explain it to the beneficiary
  - » Provide praise for stimulant-negative UDT; provide encouragement in the case of stimulant-positive UDT
  - » Ensure delivery of the incentive to the beneficiary for a stimulant-negative UDT
- » The CM coordinator role can be filled by licensed professionals, paraprofessionals, and/or peer support workers.

### **Basic Treatment Approach**

The CM treatment framework will be a 24-week outpatient treatment experience followed by a six month or longer period of aftercare and recovery support services.

#### **Escalation/Reset/Recovery Period (Weeks 1-12)**

- During the initial 12 weeks of the CM protocol, beneficiaries will be asked to visit the treatment setting in person for a minimum of two treatment visits per week.
- Sessions will be separated by at least 72 hours (e.g., Monday and Thursday, or Tuesday and Friday) to help ensure that drug metabolites from the same drug use episode will not be detected in more than one UDT.
- Beneficiaries will be able to earn incentives during each visit.
- A "reset" will occur when an individual submits a stimulant-positive sample or has an unexcused absence. The next time they submit a stimulant-negative sample, their incentive amount will return to the initial value (i.e., \$10).
- A "recovery" of the pre-reset value will occur after two consecutive stimulant-negative urine samples. At that time, the beneficiary will recover their previously earned incentive level without having to restart the process.

### **Basic Treatment Approach**

The CM treatment framework will be a 24-week outpatient treatment experience followed by a six month or longer period of aftercare and recovery support services.

#### **Stabilizing Period (Weeks 13 – 24)**

- During weeks 13–24, beneficiaries will be asked to visit the treatment setting for testing once a week.
- During weeks 13–18, beneficiaries will be eligible to receive \$15 per stimulant-negative UDT.
- During weeks 19–23, beneficiaries will be eligible to earn \$10 per stimulant-negative UDT.
- The total possible earnings during weeks 1–24 for all stimulant-negative tests is \$599.
- Following the stabilizing period, beneficiaries may participate in an additional 6 month or longer period of aftercare and recovery support services.

## **Sample Incentive Delivery Schedule – Part 1**

Week	Reward for Stimulant-Free Test
Week 1	10 + 10 = 20
Week 2	\$11.50 + \$11.50 = \$23
Week 3	\$13 + \$13 = \$26
Week 4	\$14.50 + \$14.50 = \$29
Week 5	\$16 + \$16 = \$32
Week 6	\$17.50 + \$17.50 = \$35
Week 7	\$19 + \$19 = \$38
Week 8	\$20.50 + \$20.50 = \$41
Week 9	\$22 + \$22 = \$44
Week 10	\$23.50 + \$23.50 = \$47

### **Sample Incentive Delivery Schedule – Part 2**

Week	Reward for Stimulant-Free Test
Week 11	\$25 + \$25 = \$50
Week 12	\$26.50 + \$26.50 = \$53
Weeks 13-18	\$15 per week/test
Weeks 19-23	\$10 per week/test
Week 24	\$21 per week/test
Total	\$599

## **Incentive Delivery**

DHCS will procure and work with an external vendor(s) to design, implement and support the distribution of incentives to beneficiaries participating in the Recovery Incentives program.

#### » Incentive Calculation

- » The CM coordinator will enter the results of the beneficiary's UDT into a secure Incentive Manager program that will calculate and report the amount of any incentive the beneficiary should receive during that visit.
- » The Incentive Manager program will notify the CM Coordinator when to distribute an incentive.

#### » Incentive Distribution

» Upon entry of stimulant-negative UDT results, the incentive amount shall be delivered immediately to participating beneficiaries in a format approved by DHCS.

## **Incentive Delivery**

DHCS will procure and work with an external vendor to design, implement and support the distribution of incentives to beneficiaries participating in the Recovery Incentives program.

#### » Incentive Types

- » Participating beneficiaries shall receive incentives in the format of an e-mail, hard copy, refillable gift card, or other mechanism as approved by DHCS, which the vendor will disburse upon entry of stimulant-negative UDT results.
- » Restrictions shall be placed on the incentives so they cannot be used to purchase cannabis, tobacco, alcohol or lottery tickets.

### **Other Program Elements**

The Recovery Incentives program will be complemented with ongoing training and technical assistance and a robust evaluation process, while protecting against fraud, waste, and abuse.

#### Training

- Participating counties and SUD providers will be required to participate in start-up training and ongoing technical assistance.
- Synchronous, live trainings will be offered beginning in January 2023.

#### **Evaluation**

- The impact of the pilot program will be measured through a robust evaluation process.
- DHCS will release an interim and a final evaluation report, along with quarterly reports to inform future budget decisions.

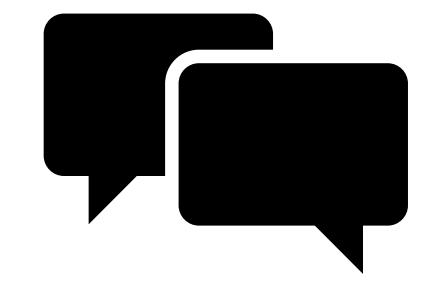
#### **Oversight**

- Each treatment program will have a policies and procedures manual.
- All providers will be required to complete readiness reviews.
- DHCS and counties will conduct robust monitoring and oversight of CM providers.

# For additional details, please visit:

» <u>https://www.dhcs.ca.gov/Pages/DMC-ODS-Contingency-Management.aspx</u>

» E-mail: <u>RecoveryIncentives@dhcs.ca.gov</u>



# Q&A / DISCUSSION



# **PUBLIC COMMENT**



# YEAR-END REFLECTION & BHTF MEMBERS OPEN DISCUSSION



### **A Year in Review - BHTF Engagement**

#### Charter development (BHTF agency interviews and members survey)

Tied to CalHHS guiding principles and identified four key goals:

- Ground truth the State's behavioral health agenda
- Uplift constituency voices
- Promote learning to expand collective understanding of behavioral health issues facing the State
- Advance approaches that are creative, responsive, and coordinated

### **BHTF Quarterly meetings**

- Focused on and grounded in lived expertise
- Provided informative presentations and opportunities for discussion and input on:
  - Child and Youth Behavioral Health Initiative
  - Crisis Care Continuum and 988
  - Substance use disorders

#### Lunch and learn presentations

Provide additional information and context ahead of the BHTF Quarterly meetings. Topics covered:

- Update on the State's Crisis Care Continuum effort and current care services in California (CalHHS, SAMHSA, Cal OES)
- Department of Health Care Access and Information (HCAI) Behavioral Health Workforce Development Initiative

#### **Community Conversations**

Listening sessions with community members on their experiences with *Crisis Care services* 



### Your Feedback on the Process

**Logistics:** Continue to work on Zoom logistics to improve accessibility to support participation

**Engagement:** Breakouts encourage inclusive dialogue (for BHTF members and the public)

**Content:** These are complex issues and participants need more background information

- "The range of knowledge presented within the meeting was phenomenal".
- "Allow opportunity for non-governmental task force members to present to each other and to the public members, exposing the larger group to different perspectives and frameworks".



# Thinking Ahead to Next Year's BHTF Engagement

**Poll question:** How do we best engage with each other?

- all meetings remote
- at least one in-person meeting
- all meetings in-person

### **Discussion:**

- What are barriers to in-person meetings that we should address?
- General reflections on content and process



# **CLOSING THOUGHTS**

STEPHANIE WELCH, DEPUTY SECRETARY OF BEHAVIORAL HEALTH, CalHHS



## **NEXT STEPS**

### **2023 BHTF QUARTERLY MEETINGS**

- March 14<sup>th</sup>
- June 13<sup>th</sup>
- September 12<sup>th</sup>
- December 12<sup>th</sup>

### FOLLOW UP ON BHTF MEETING

- Meeting evaluation
- Meeting summary, recording, and materials

