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

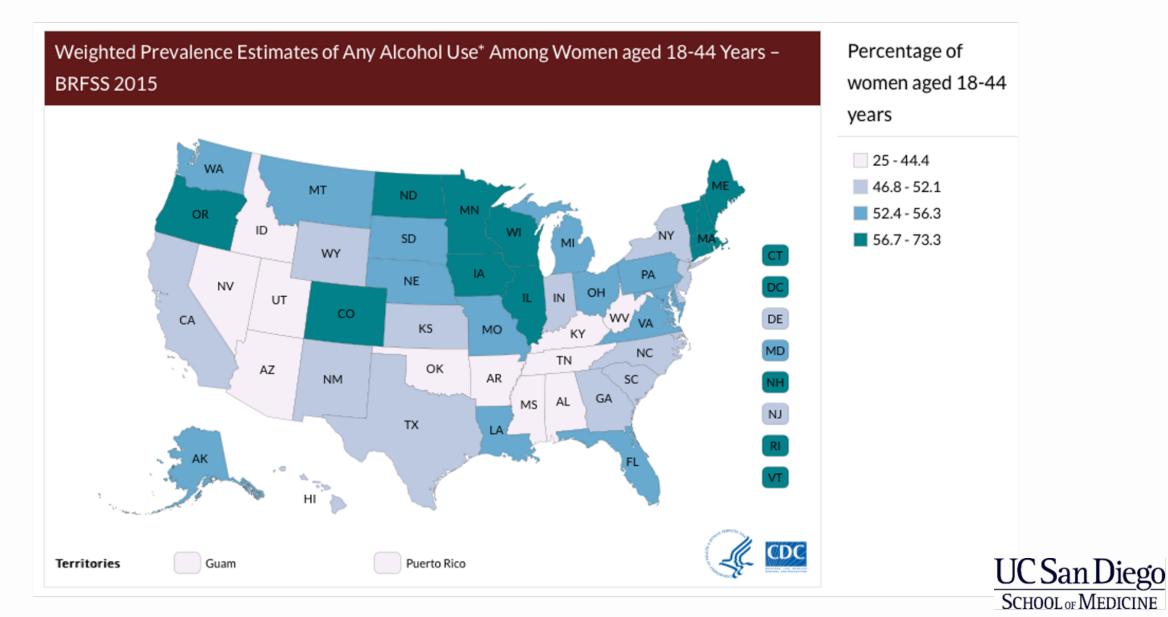
Fetal Alcohol Spectrum Disorders (FASD) Panel

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





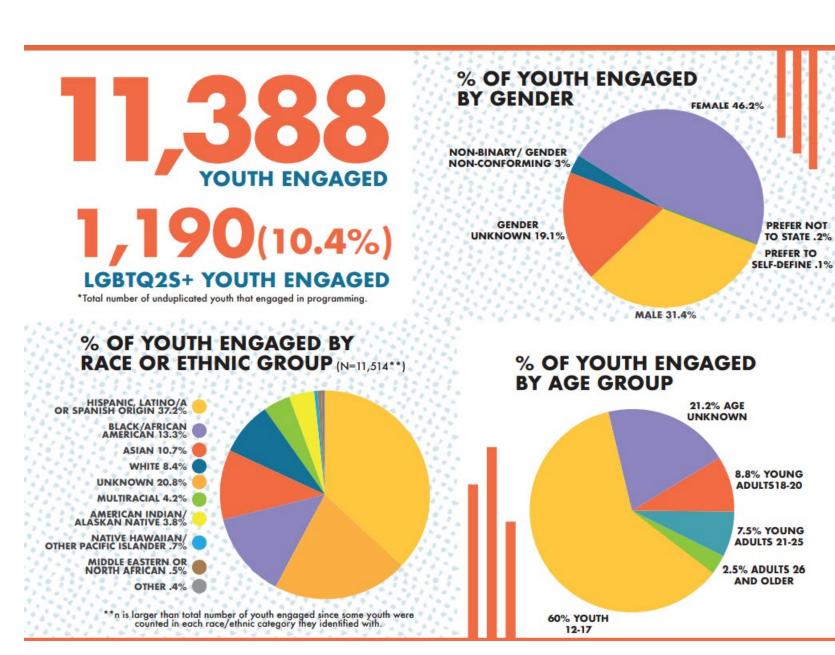




YOUTH CALIFORNIA

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

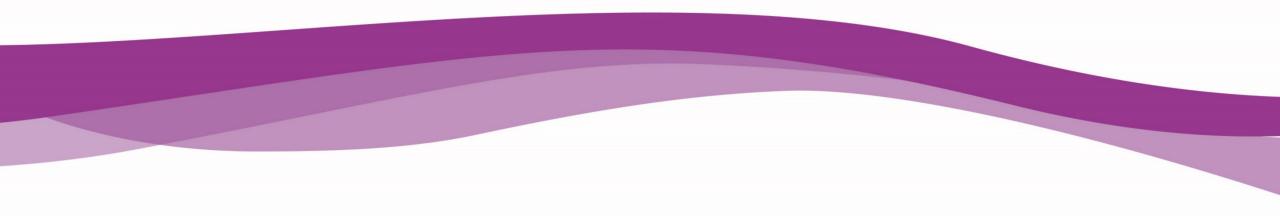
https://resources.ca.gov/grants/youth

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).







٩						
I am looking for	l am a	Programs	A-Z Index			
×	~	×	~			

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



I am looking for	l am a	Programs	A-Z Index
~	~	~	V

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

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

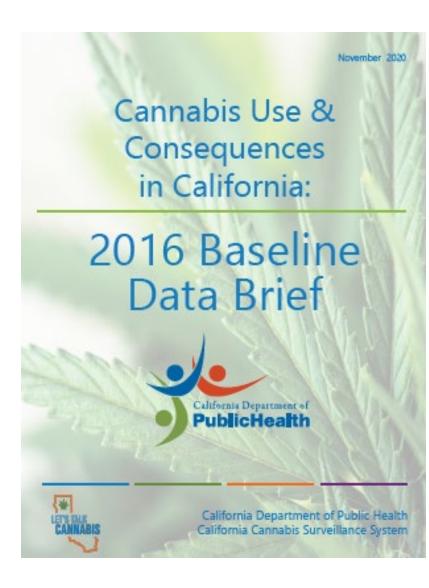
Data Briefs and Reports

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.¹ 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.³ 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.⁴⁴

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 ³ 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.

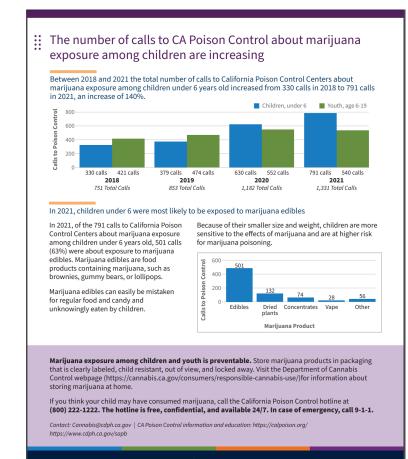
Youth who use marijuana are at increased risk for mental health problems, including depression and increased risk of suicide.⁶

* * * * * * * * * * * * * *

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

These negative effects may continue into adulthood among users.⁹

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



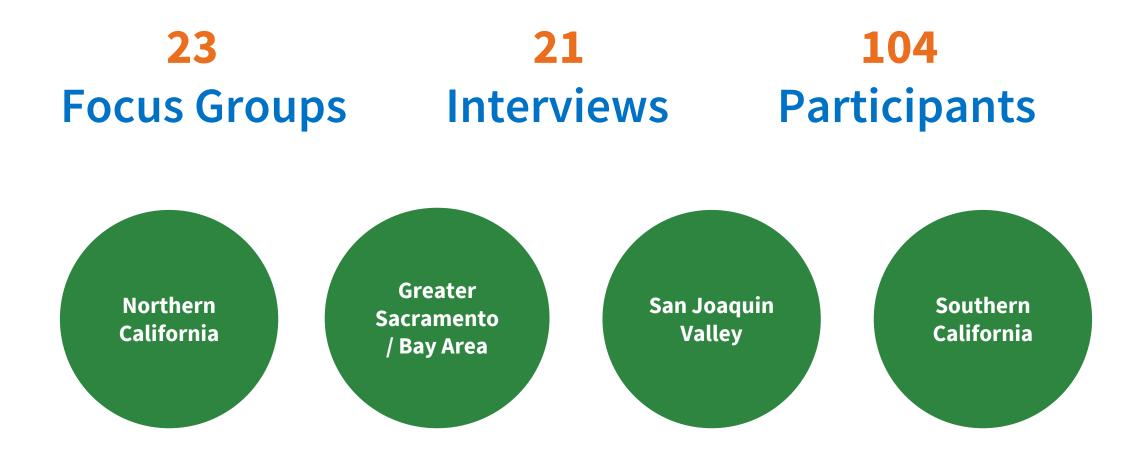






Youth Cannabis Education and Prevention Campaign

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
SOCIALIZE: To have fun, have a good time, bond or connect with friends, and inspire creativity	Pillars of Mental Health Youth Primary Reasons for Use	COPE: 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	OUR ACTION: Create messaging that speaks to how cannabi use affects the part of the brain responsible for emotional regulation 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

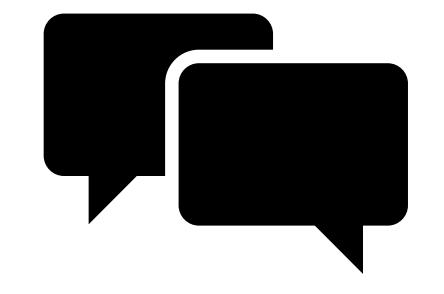
CDPH will be hosting knowledge sharing opportunities to **utilize** campaign learnings, materials, and other resources at the local level.



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



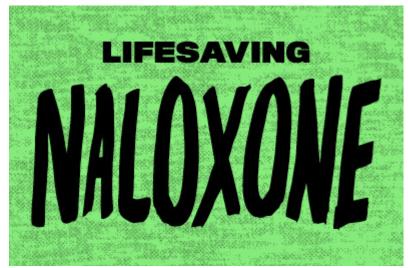
Fatal dose of fentanyl (2 mg or 2000 mcg)





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

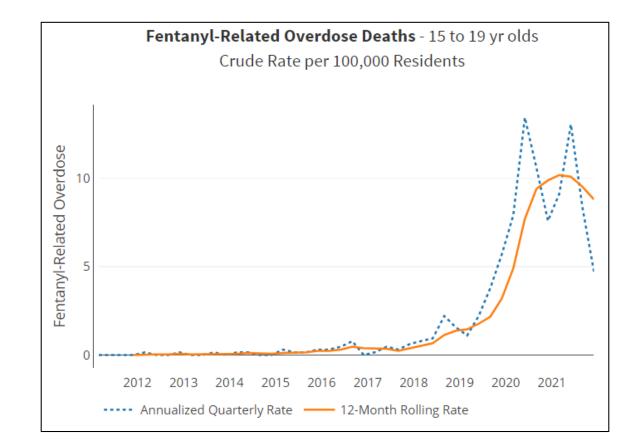
Jake Wolf, Parent & Advocate



OPI@cdph.ca.gov



Fentanyl California Overdose Surveillance Dashboard



Source Links: https://skylab.cdph.ca.gov/ODdash/;





"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)

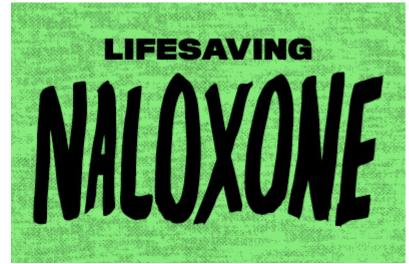


• Webpage that houses a collection of <u>opioid and substance</u> <u>use prevention resources</u> for adult role models working with youth, including educators.



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

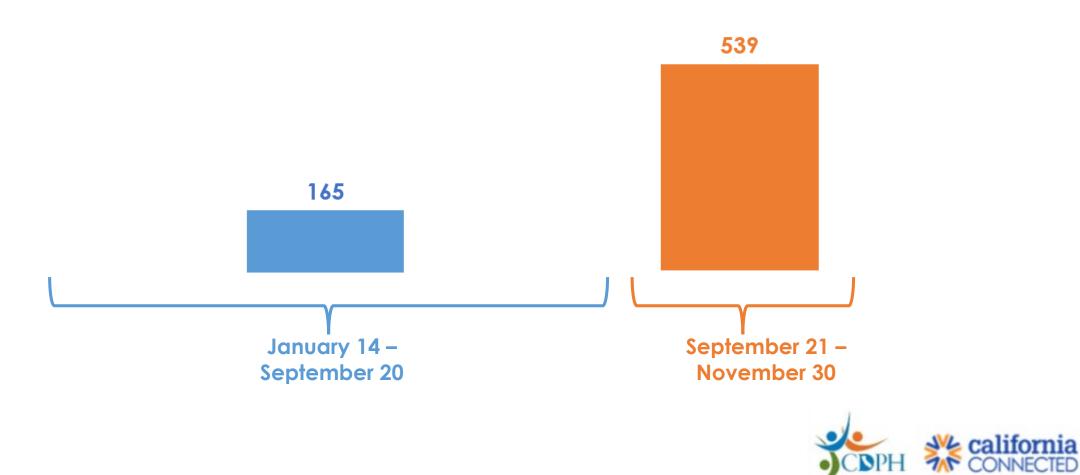
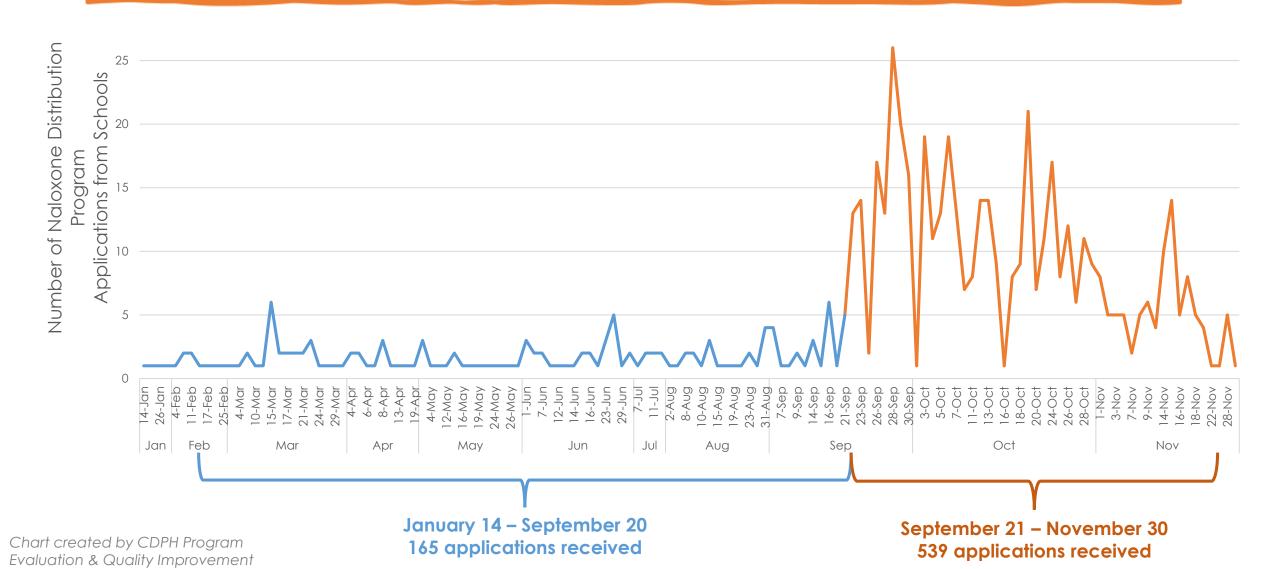


Chart created by Program Evaluation & Quality Improvement





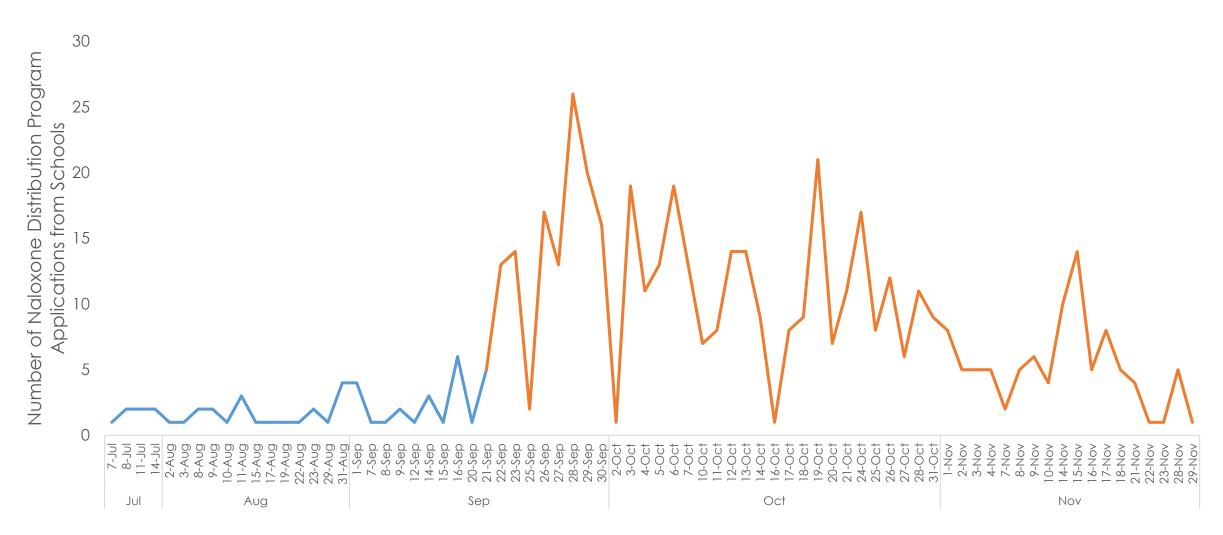
Stocking Naloxone in Schools



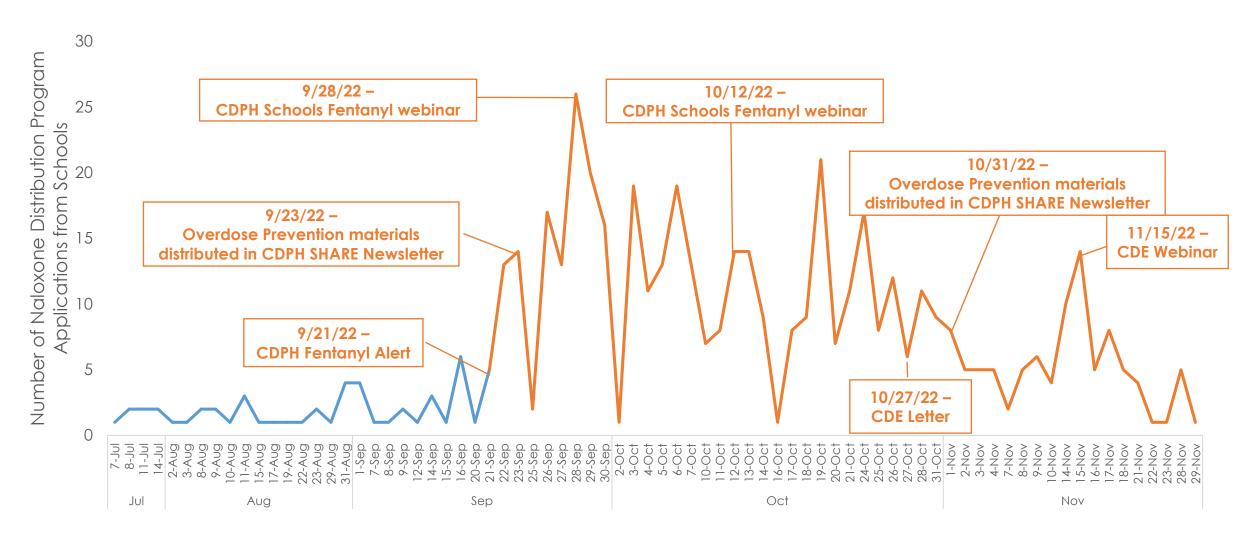




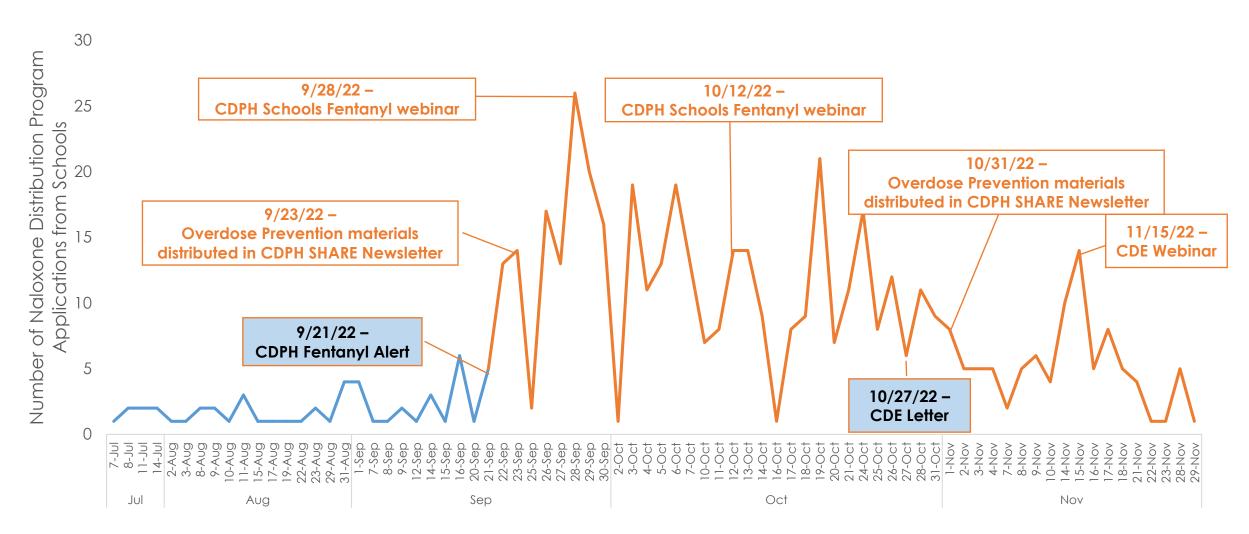








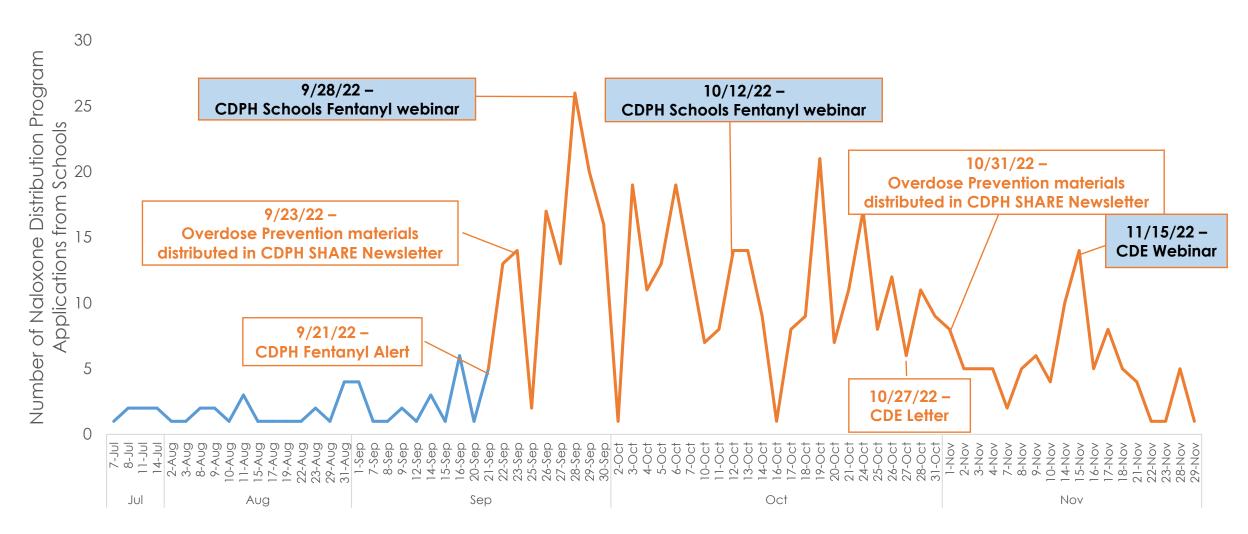




Rainbow Fentanyl Alert





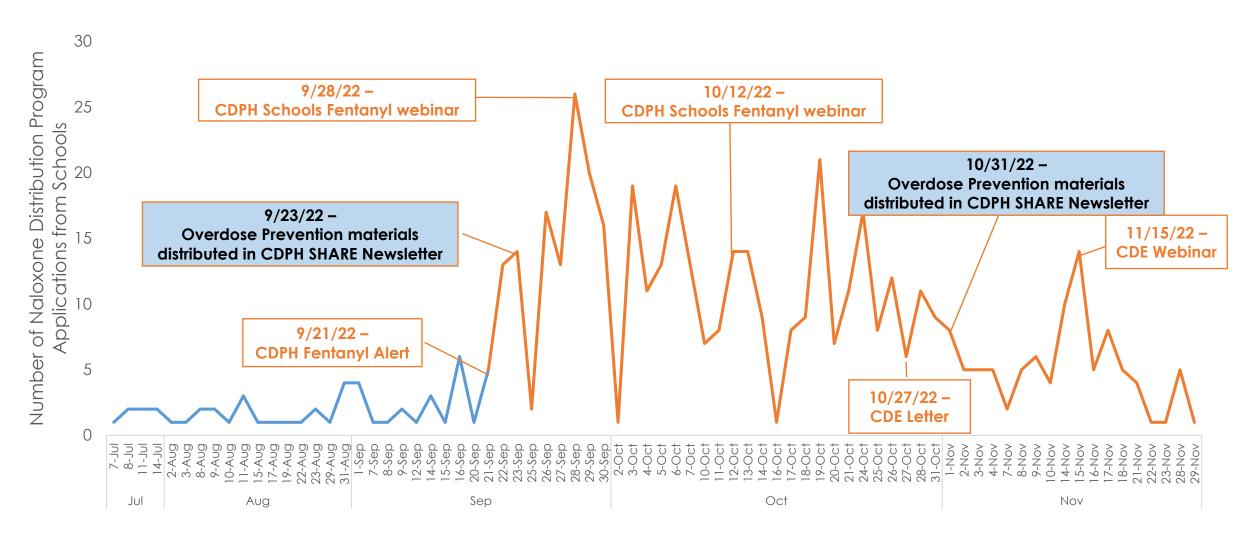


Webinars - Youth Fentanyl Crisis



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 rd , 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.

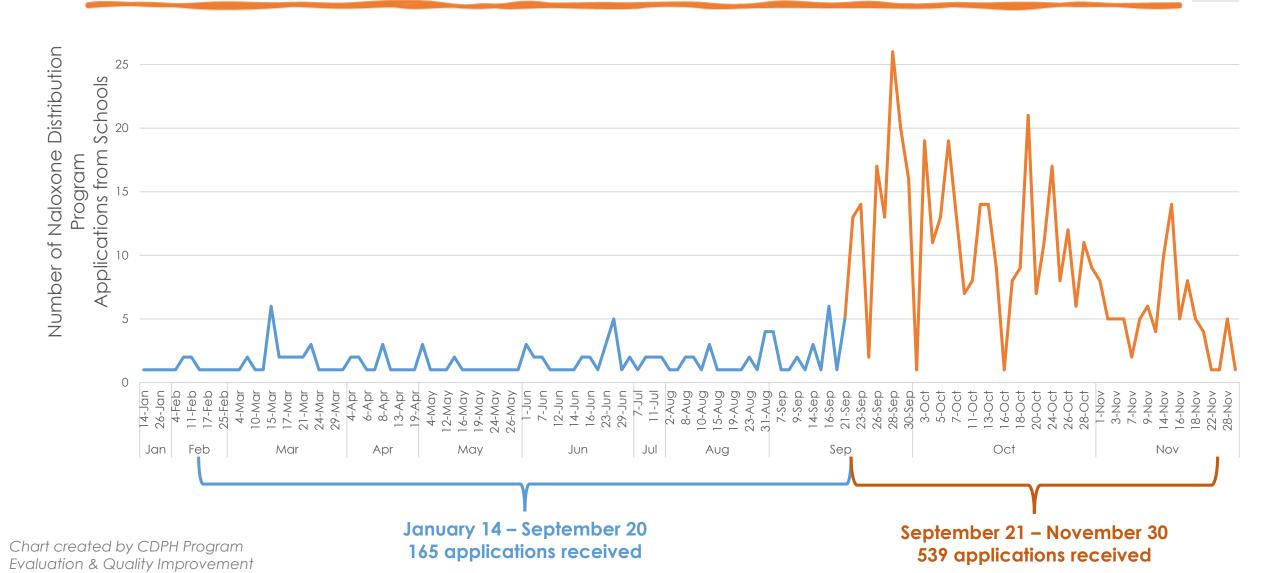
- Use the <u>Fentanyl & Overdose Prevention Communications Toolkit</u> to share information about the risks of fentanyl and how to prevent teen use and overdoses.
- Learn more about Substance Abuse Prevention Resources for Schools.





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

Ary Openet-Inter openetional interact 20000 Resetts Ary Openet-Interact 20000 Resetts Ary Openet-Interact 20000 Resetts Ary Openetional Interact 20000 Resetts Ary Openetic 20000 Resetts	California Deaths -										
Bare: Drive: Drive barb of clarker: Drive barbs 2019 And 2019 And 2018 And 2018 And 2019 And 2018 And 2019 And 2018 And 2019 And 2018 And 2019 And 2019 And 2018 And 2019 And 2018 And 2019 And 2018 And											
Phase besitue of Public Netwite Netwite Netwite Netwite Netwite Note Netwite Netwite Netwite Netwite Netwite Netwite Note Netwite Net						 hydrocodone, cwyco 	odone, and morphine), I	heroin, and opium. D	eaths related to chroni	ic use of drugs are ex	duded from this indicat
201 Ans ² 201 Court 1010 Date 1010 Court 2019 Ans 2019 Court 2019 Ans 2019 Court 2019 Court 2017 Court 2017 Court Cenems 8 8 2021 Court 2020 Court 2020 Court 2020 Ansi 2019 Ansi 2019 Court 2018 Court 2017 Court						afe and Active Comm	unities Branch).				
Centern6.64.06.64.07.5.07.007.007.007.007.01 <th7.01< th="">7.017.01<th7.01< th=""><th7.01< th=""></th7.01<></th7.01<></th7.01<>											
Centern6.64.06.64.07.5.07.007.007.007.007.01 <th7.01< th="">7.017.01<th7.01< th=""><th7.01< th=""></th7.01<></th7.01<></th7.01<>											
Constry Date Date <thdate< th=""> Date Date <</thdate<>	6 m										
Lob Adgem 14.70 1.844 12.40 1.240 <th1.240< th=""> 1.240 1.240</th1.240<>	California	16.78	6,843	13.54	5,363	7.45	3,082	5.82	2,428	5.22	2,194
Lis Angene1.1.2.001.2.401.2.401.2.405.2.36.5.87.4.63.5.74.9.74.9.54.4.9Genge23.5.57.5.43.5.55.5.15.5.15.5.13.0.53.0.57.5.13.0.52.5.13.0.52.5.13.0.5<	County *	2021 Rate 👻	2021 Count ++	2020 Rate 👻	2020 Count 👻	2019 Rate 👻	2019 Count 👻	2018 Rates 👻	2018 Counts V	2017 Rates 👻	2017 Counts V
San Dega19.3.30.66615.1.49285.0.03037.3.97.3.97.3.97.3.1 <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<>											
inversion19.4049.409.409.409.2365.7419.449.4710.60San Francico11.4349.911.0328.84.10904.7710.6126.597San Barrancico12.5429.312.0721.1410.610.04.7710.6426.597San Barrancico12.5412.0712.1412.612.0712.612.0712.612.0712.612.07 <t< td=""><td>Orange</td><td>23.35</td><td>744</td><td>15.45</td><td>503</td><td>7.48</td><td>250</td><td>7.46</td><td>252</td><td>7.50</td><td>255</td></t<>	Orange	23.35	744	15.45	503	7.48	250	7.46	252	7.50	255
San Francison443443764.377015.4194.771962.6557Kern30.4222024.322221.3.1611110.44924.6375Kern30.6425.912231.2.1611110.44924.6376Kern30.6825.912231.2.1611110.44924.6376Conto Catis1.5.681.681.691.2.611.64768.84.628176Conto Catis1.7.641.7.411.4.647.2.08.84.63763.7.561Saracrento1.7.641.7.411.4.673.33.7.72.69.1.66.6Saracrento1.7.641.7.641.6.73.33.7.72.69.1.66.6Sonoma2.5.701.2.81.0.61.1.11.0.44.63.523.54.536.7San Katos1.6.448.87017.1.14.444.63.523.54.534.73.6San Katos1.6.448.87.017.1.14.441.1.16.531.07.71.11.4.4San Katos1.6.448.87.71.1.24.411.16.531.07.71.11.4.43.544.73.01.01.77.71.11.4.44.33.67.71.11.4.43.643.67.71.11.4.43.	-										
Son Barnelino15.438.412.828.04.1.0904.7.71062.5.557.5Ventura25.5.722.517.014.19.7.627.011.1.49.5.69.8.083.5Alornal a10.1.610.1.410.510.010.620.010.710.7Alornal a10.1.610.1.610.010											
ierJobJ											
Venture25.5727.517.071419.7.697.011.1499.098.0089Almeda10.3.4139.1146455.310003.10562.014.3552Cantra Cotta17.6417.46.8110755.088.04.65703.5561Starametto10.7417.46.8110755.088.04.65703.5561Starametto17.6913.4011.0018.14.9.84.502.8.16013.960Starametto17.5917.011.018.117.88.45.9.63.5.13.3.918Stanibara17.5917.017.14.444.443.5.23.5.04.5.44.6Sanibara17.5926.777220.565.78.1.22.14.29137.72.1Sanibara17.246.14.8.33.94.7.5403.71.11											
Alemeda10.410.410.210.03.105.62.033.7Sarzarento10.7417.46.1110.75.08.84.657.03.756.1Sarzarento10.7417.46.1110.75.08.84.657.03.756.1Sarzarento17.6912.911.008.14.933.03.1 <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											
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 <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 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 55.92 47 16.5 27 9.81 16 5.43 10 14.06 24 Humbolit 35.15 44 18.34 24 18.66 23 11.17 16 21.03 28 Marin 16.67 42 14.06 33 9.27 22 3.46 8 6.59 18 Garca 16.78 38 9.65 26 10.47 29 8.49 23 6.59 13 Garca 16.69 30 11.72 22 3.79 6 4.14 7 2.38 5 Nexed 30.67 28 34.09 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 55.92 47 16.25 27 9.81 16 5.43 10 14.46 19.34 12 Shata 35.15 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 49.11 5 0.00 0 14.47 2 17.77 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 49.11 5 0.00 0 19.65 2 7.47 2 4.34 1 Invo 36.49 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.											
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											
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 0 0.00 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 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	-										
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

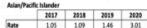


Asian/Pacific Islander

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

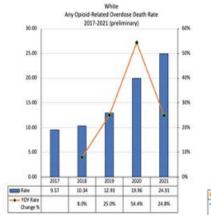
185

-4.1%

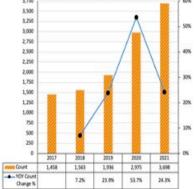
1109

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

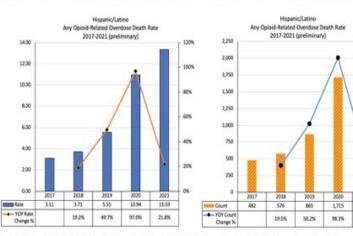
Black/ African American 2017 2018 2019 2020 2021 Count 152 191 318 563 780 YOY Count Change % 25.7% 66.5% 77.0% 38.5%

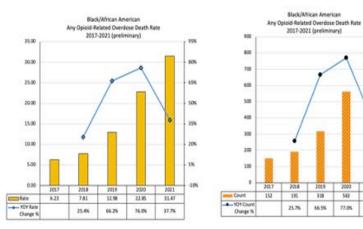
> 2019 2020 2021

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 %

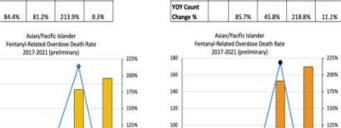
Change N

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%

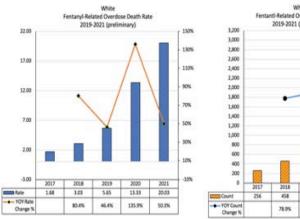
125%

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

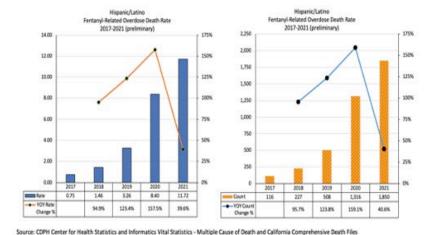
218.8N

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%

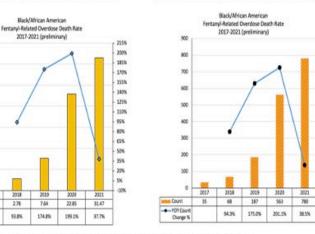
Black/African American	2017	2018	2019	2020	2021
Count	35	68	187	563	780
YOY Count	-				
Change %		94.3%	175.0%	201.1%	38.5%

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

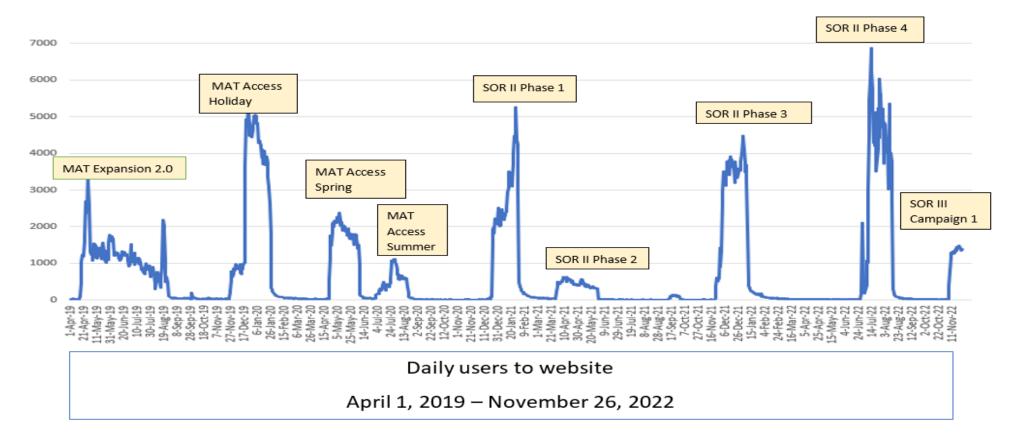
American

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



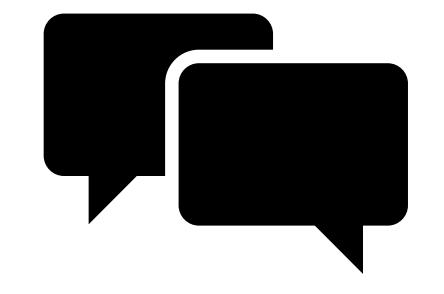
- » To promote access and prevention education with underserved communities (Latinx, African American, Asian American) about opioid misuse and provide links to wraparound care and treatment through a culturally competent media campaign
- » The campaign strove to:
- Engage with and educate underserved 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



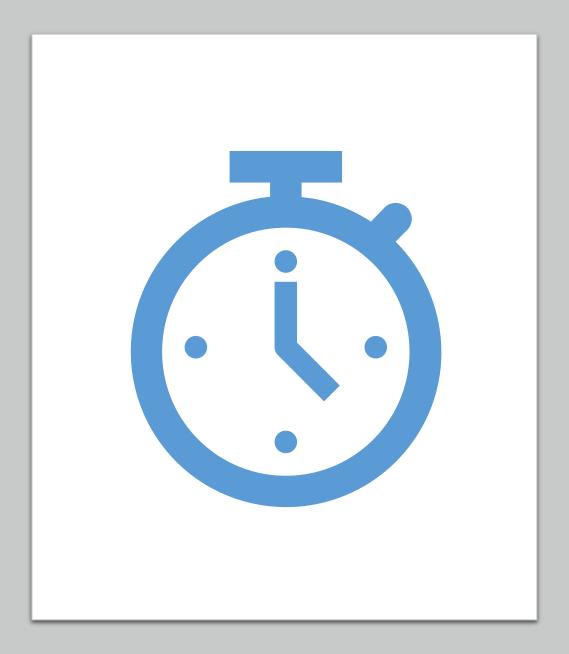
Thank you!





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.

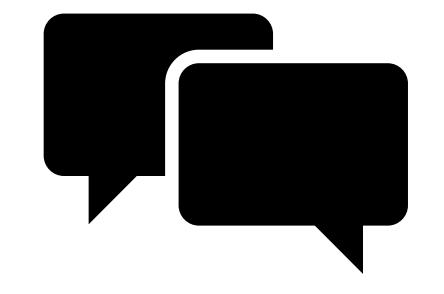
Oversight

- 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 14th
- June 13th
- September 12th
- December 12th

FOLLOW UP ON BHTF MEETING

- Meeting evaluation
- Meeting summary, recording, and materials

