

THE INTERSECTION OF METH AND SEXUAL HEALTH

Kyle Lafferty MST, MPH



SACRAMENTO COUNTY



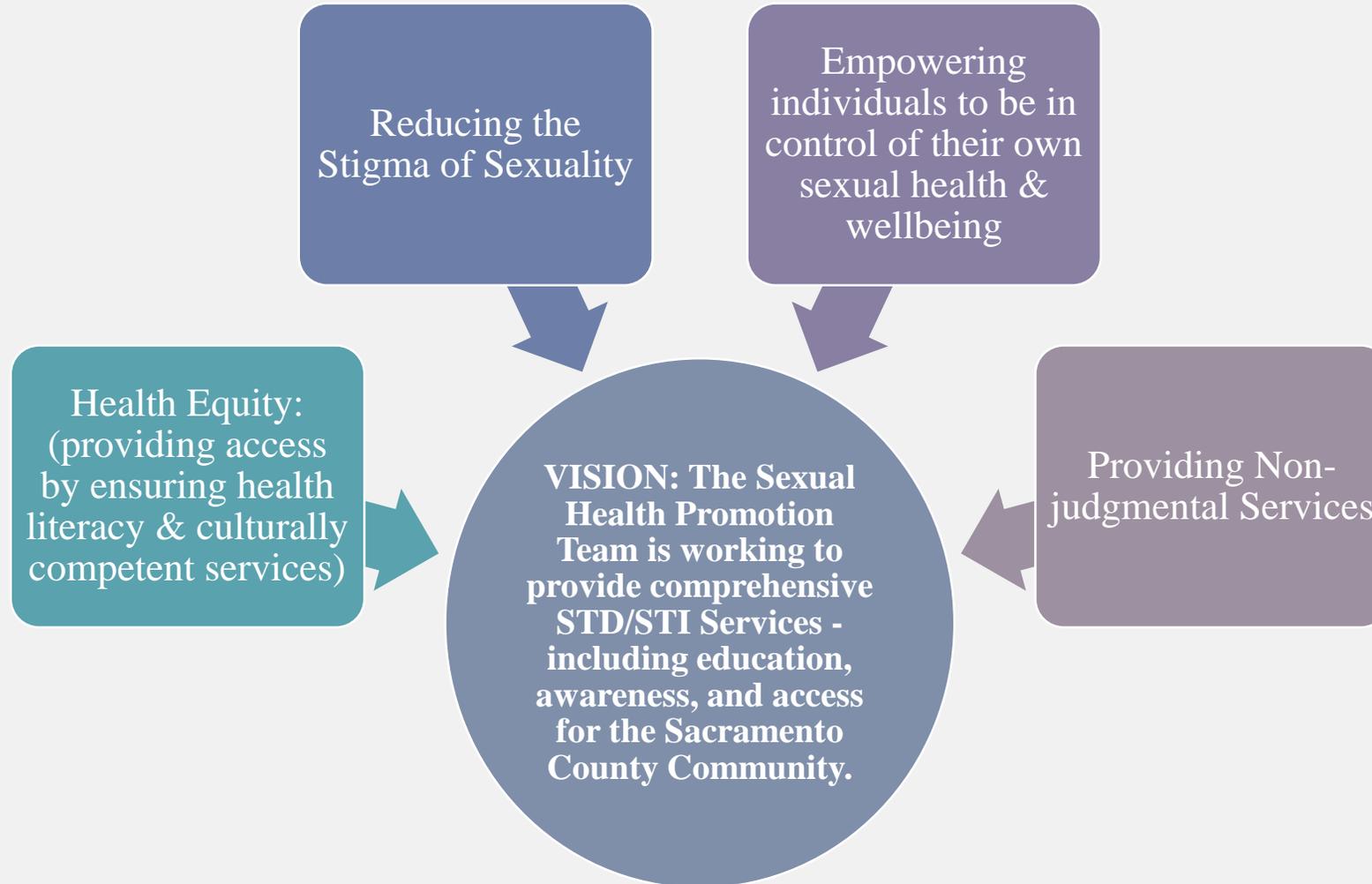
**PUBLIC
HEALTH**

Promote • Prevent • Protect



SEXUAL HEALTH PROMOTION PROGRAM

Vision & Guiding Values



SEXUAL HEALTH PROMOTION PROGRAM

Is comprised of...

HIV/STD Prevention

- HIV antibody testing
- Chlamydia and gonorrhea screening
- Hepatitis C prevention and screening
- Outreach activities / Technical assistance, Training / Professional Development
- Community involvement through the HIV Health Services Planning Council and the Sacramento Workgroup to Improve Sexual Health (SacWISH)
- County-wide HIV prevention activities
- Social marketing campaigns
- STD prevention and information

HIV/STD Surveillance

- Charged with STD prevention and control activities including:
 - follow-up on reportable diseases such as Syphilis and HIV
 - Partner notification
 - Investigations / verification of treatment performed by Communicable Disease Investigators (CDI)
 - Coordination of outbreak response with state or county

Ryan White CARE Program

- Oversees the administration of Federal dollars to maintain a comprehensive continuum of HIV care and treatment services for people living with HIV/AIDS
- Includes Sacramento, El Dorado, and Placer Counties



WHAT IS AN STD/STI?

- ❖ Sexually
- ❖ Transmitted
- ❖ Disease/Infection



TRANSMISSION

- Intimate sexual contact:
 - Oral Sex
 - Anal Sex
 - Vaginal Sex
- From infected **fluids** or **skin-to-skin contact** with infected tissue



SEXUALLY TRANSMITTED INFECTIONS IN CA

2017 State CDPH Data

Chlamydia

- 218,728 chlamydia cases reported in 2017 was the highest number since reporting began in 1990
- 2017 Rate of **chlamydia** was 552.2 cases per 100,000 Californians – representing a **9% increase over 2016**
- More than half (54%) of cases were among people under age 25

Gonorrhea

- 75,372 gonorrhea cases reported in 2017 was the highest number since 1988
- 2017 Rate of **gonorrhea** was 190.3 cases per 100,000 Californians – representing a **16% increase over 2016**
- 33% of cases were among people under age 25

Syphilis

- 13,719 syphilis cases reported in 2017 was the highest number since 1987
- 2017 Rate of **syphilis** was 34.6 cases per 100,000 Californians – representing a **21% increase over 2016**
- Female cases increased over 600% from less than 249 cases reported in 2012



SACRAMENTO STATISTICS

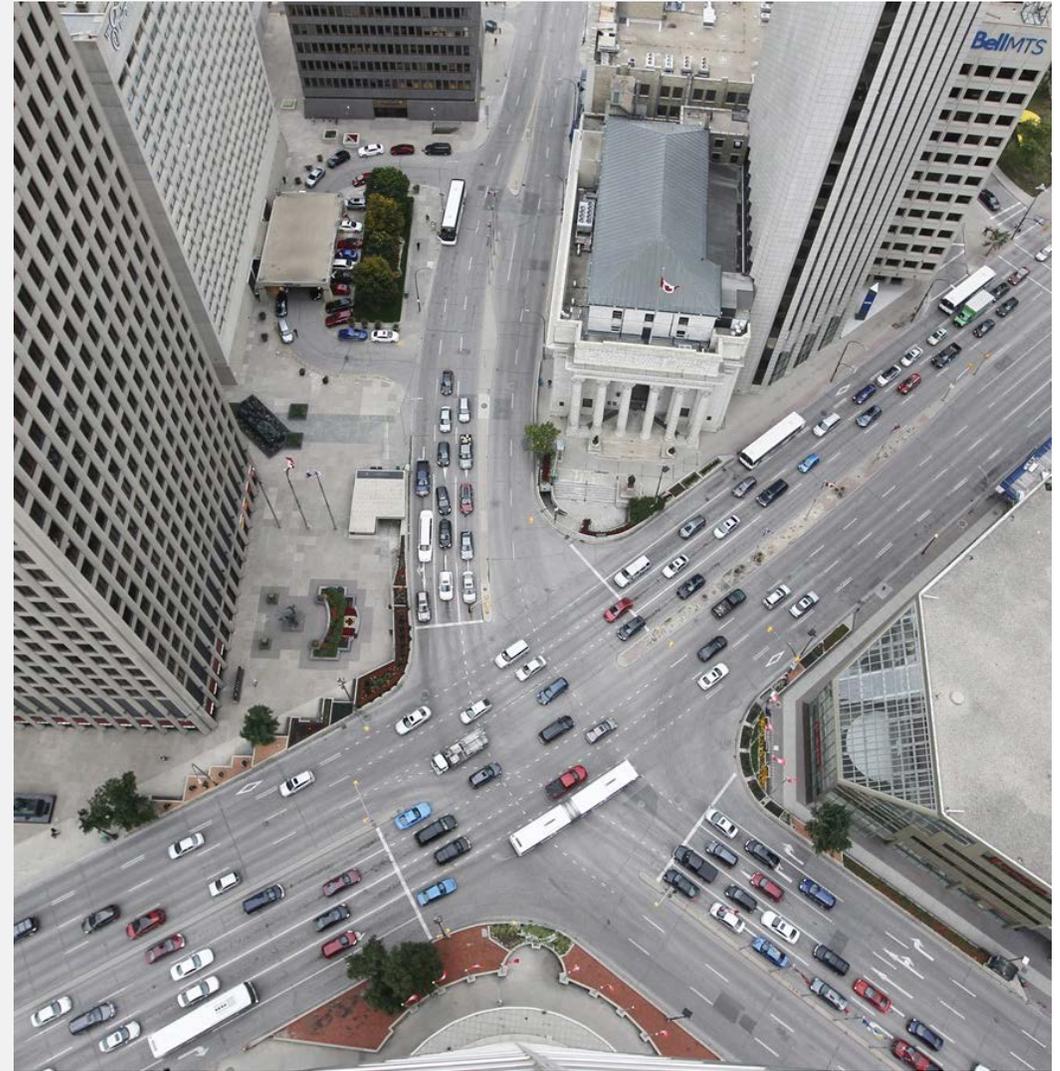
- Chlamydia – 8th (2017)
- Gonorrhea – 10th (2017)
- Syphilis – 13th (2017)



THE INTERSECTION OF SUBSTANCE USE AND SEXUAL HEALTH

Strong Association between Meth users and diagnosis with an STI:

- Prolonged sexual stimulation
- Decreased inhibition
- Increased libido
- Skin abrasion from prolonged contact (friction) during sex
- Results in higher risk of transmission

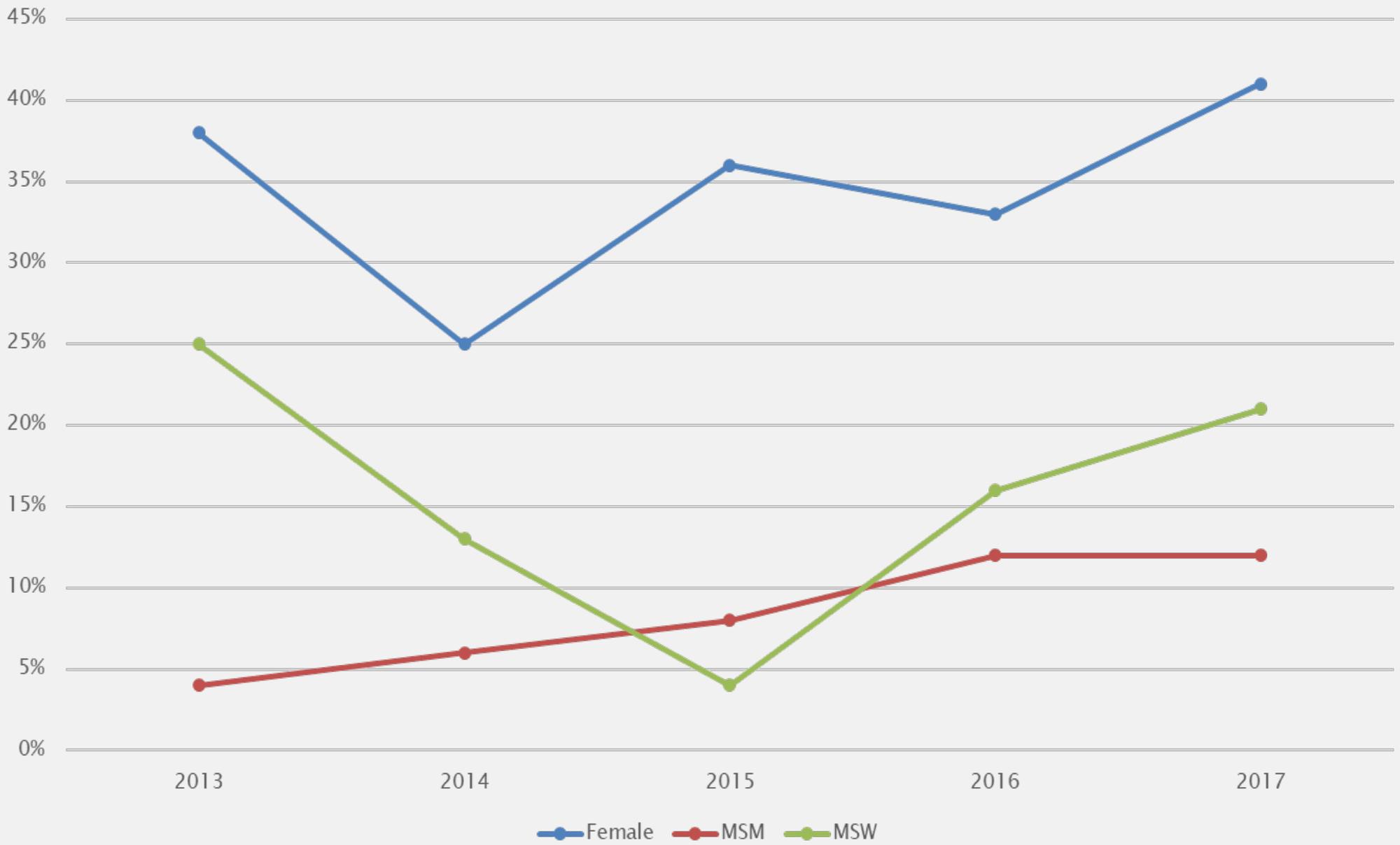


Association between Meth and STDs

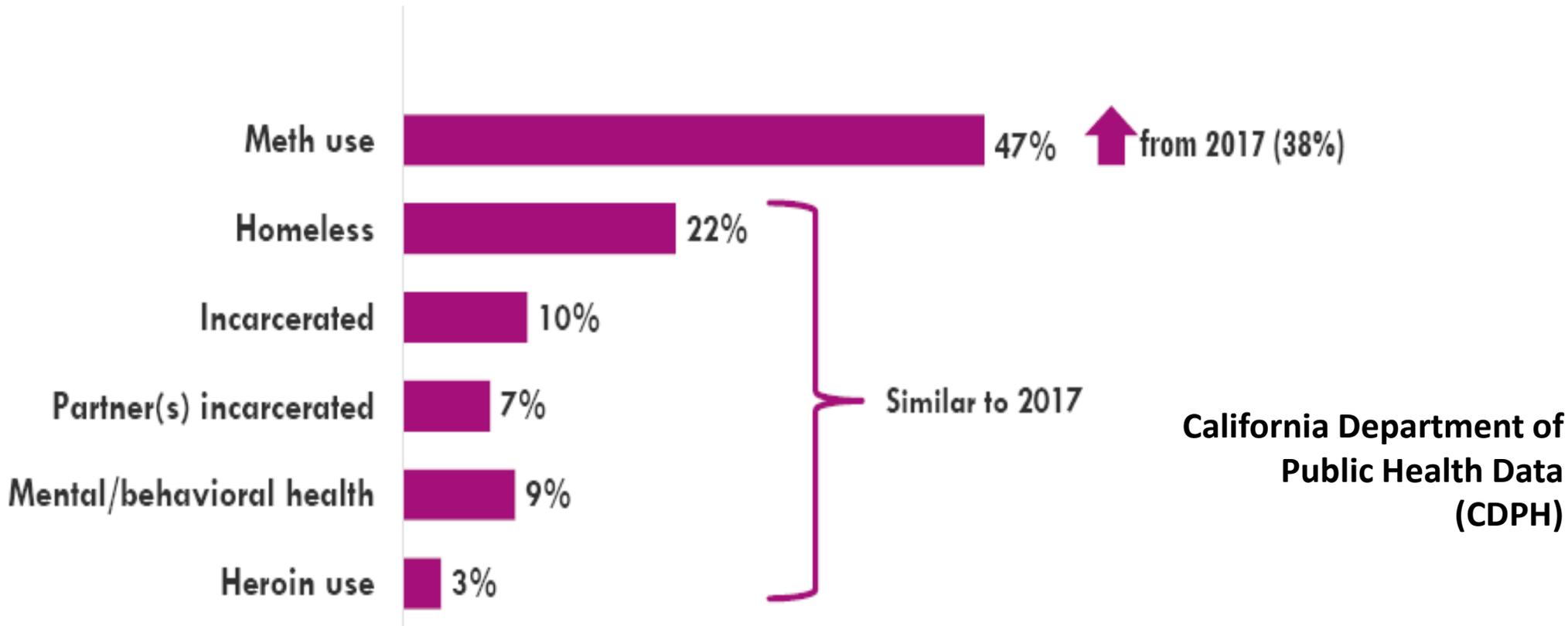
- SF MSM STD clinic study – Meth users (vs. non-users) – Mitchell et al, 2004; Wong et al, 2005
 - had **twice as many partners** in the prior 4 weeks
 - were **1.7 times** more likely to have gonorrhea
 - were **1.9 times** more likely to have chlamydia
 - were **4.9 times** more likely to have syphilis
- STD case interview data for early syphilis in various locations around the country --
 - Increases in proportion of syphilis cases reporting recent meth use (e.g, California)



Methamphetamine use and Syphilis cases in Sacramento County- State Data



Reported meth use among mothers of CS cases increased in 2018



California Department of
Public Health Data
(CDPH)

2018 (n=286)

HIV

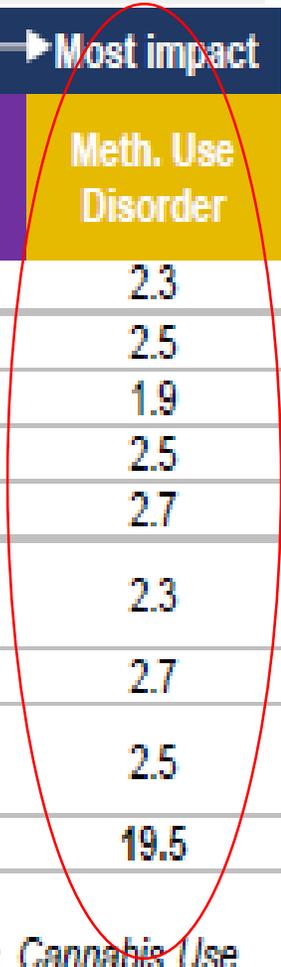
Viral Suppression

- Key strategy in reducing new HIV infections is to maintain viral suppression (meaning a low viral load) among individuals who are HIV+
- An Undetectable viral load means the virus is untransmittable through sexual contact (U=U)



INDIVIDUAL LEVEL NEGATIVE IMPACT: CALIFORNIA

Negative impact on individuals with HIV who are not virally suppressed... ^a	Least impact ←—————→ Most impact					
	Cannabis Use Disorder	Binge Drinking	Cocaine Use Disorder	Alcohol Use Disorder	Opioid Use Disorder	Meth. Use Disorder
Being linked to HIV care	0.9	1.4	1.9	2.1	2.0	2.3
Being retained in HIV care	0.9	1.6	2.0	1.9	2.1	2.5
Being prescribed HIV medications	0.7	1.2	1.5	1.5	1.7	1.9
Being virally suppressed	0.8	1.5	2.0	1.9	2.1	2.5
Having stable housing	1.0	1.5	2.1	2.2	2.1	2.7
Having a reliable mode of transportation	0.9	1.5	1.7	2.0	1.8	2.3
Being employed	1.3	1.6	2.1	2.3	2.3	2.7
Having a strong social support system	0.9	1.5	1.9	2.0	2.1	2.5
Individual-level negative impact^c	7.4	11.8	15.1	15.9	16.2	19.5

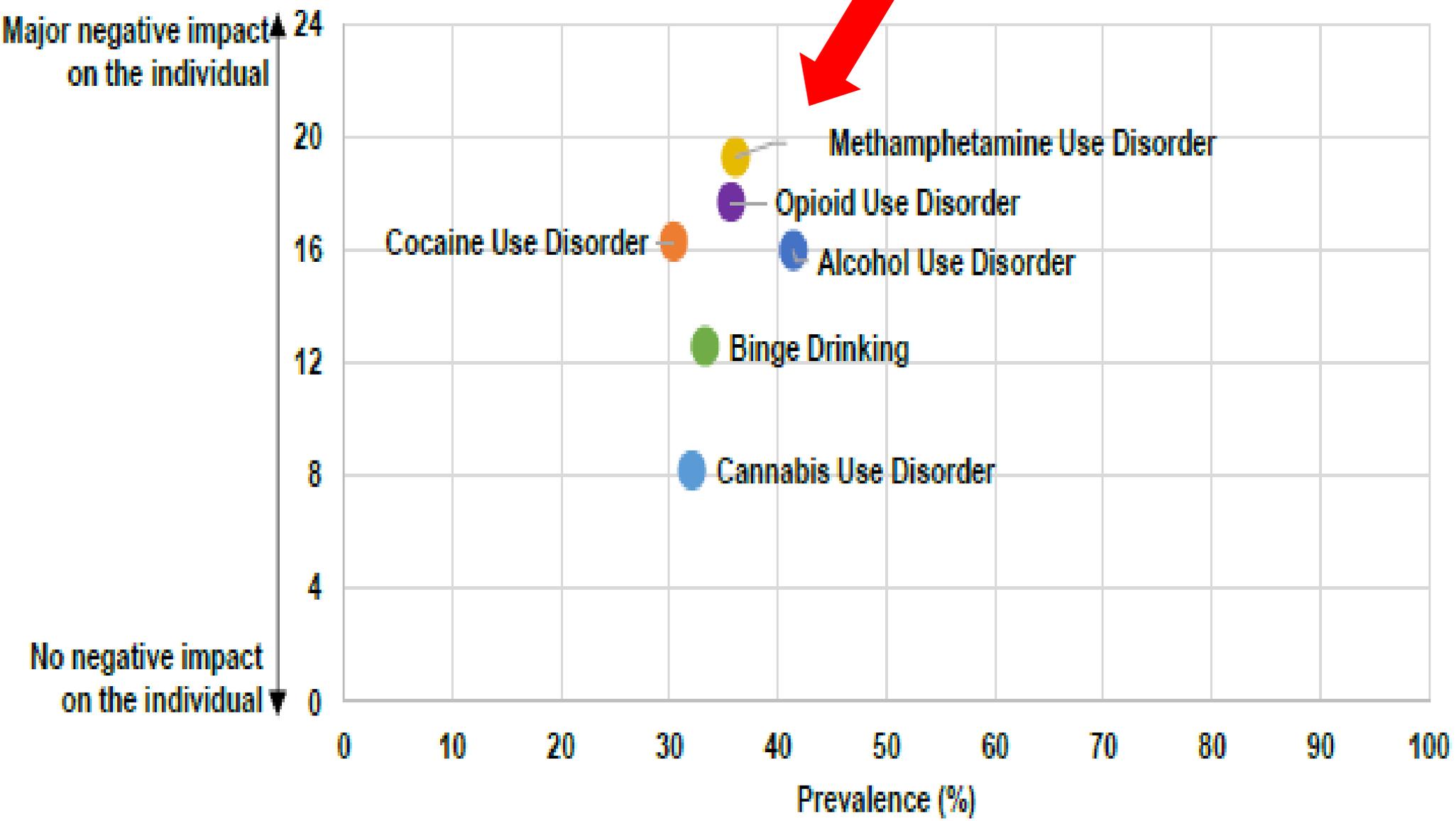


^aAll items rated on a scale of 0 'No negative impact' to 3 'A Major Negative Impact'.

^bOnly participants who responded to the prevalence and the eight negative impact items are included in this analysis. Cannabis Use Disorder: N = 96; Binge Drinking: N = 94; Cocaine Use Disorder: N = 96; Alcohol Use Disorder: N = 97; Opioid Use Disorder: N = 94; Meth. Use Disorder: N = 92.

^cThe total negative impact is the sum of the eight items above. The minimum possible total negative impact is 0; the maximum is 24.

Estimated Prevalence and Individual-Level Negative Impact: National Averages



THE COUNTY RESPONSE

SOME TRENDS COME BACK
INTO STYLE

Syphilis
SHOULDN'T BE
ONE OF THEM

SYPHILIS IS ON THE RISE IN SACRAMENTO
Visit www.SCPH.com or call 916-875-6022 to learn more



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WHAT'S OLD IS NEW AGAIN...

TALK TO YOUR KIDS ABOUT THEIR SEXUAL HEALTH

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SACRAMENTO COUNTY

SEXUAL HEALTH CLINIC

Free Testing & Treatment

Services Provided

Rapid HIV Testing,
Rapid Hepatitis C Testing,
Pregnancy Testing (Urine),
Multi-site Chlamydia / Gonorrhea
screening, Syphilis Testing,
Treatment for Sexually Transmitted
Infections (STI),
Rx for Birth Control (Pill, Patch, Ring),
Referrals for additional services



FREE Testing

Call Now to Make
Your Appointment

916-875-1551



**GET
TESTED**



Sacramento
County Sexual
Health Clinic
opened it's doors
in May 2019

SACRAMENTO COUNTY SEXUAL HEALTH CLINIC

May-Sept. 2019

188 Total Patient Visits
149 Unique Patients

Positivity Rates %

4.7 7 Chlamydia Infections
Diagnosed / 149 patients

3.4 5 Gonorrhea Infections
Diagnosed / 149 patients

16.8 25 Syphilis Infections
Diagnosed / 149 patients

2.0 3 Newly Identified HIV Positive
Individuals / 149 patients

52
Female
Patients



97
Male
Patients



26.8% Overall
Positivity Rate



THANK YOU

Kyle Lafferty

(916) 875-0624

Laffertyk@saccounty.net

www.scph.com

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