

Drug Overdoses and Drug Use

San Francisco Health Commission
February 18, 2020



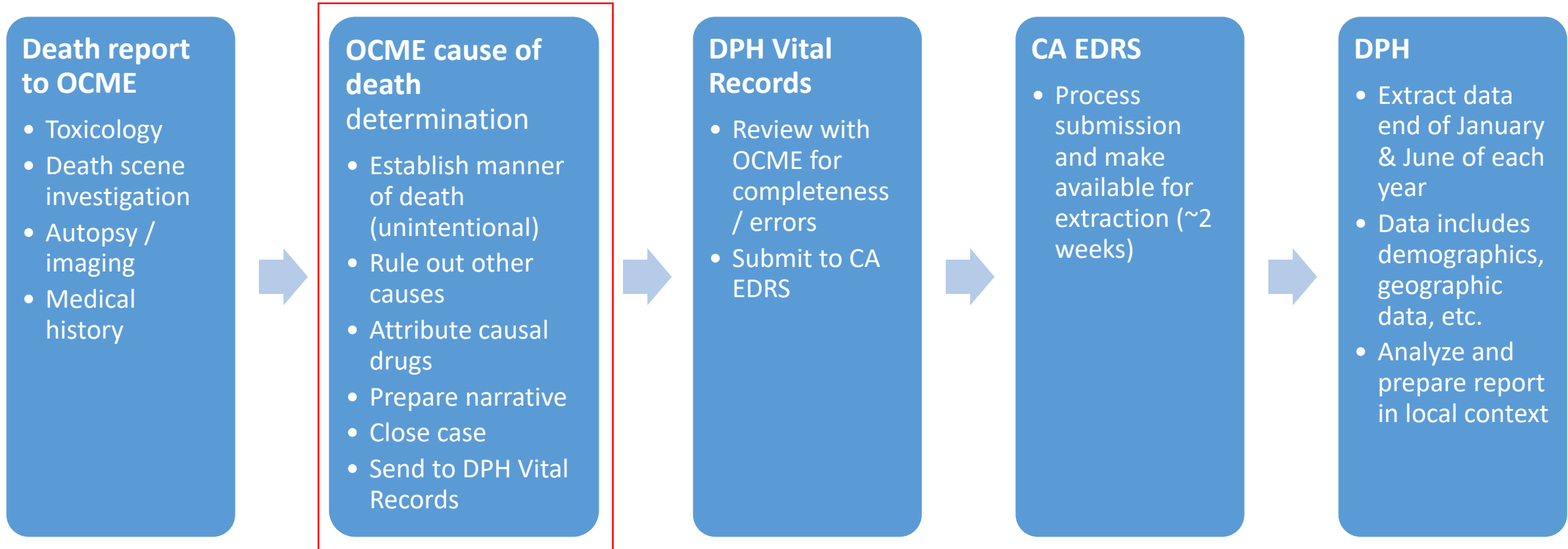
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Presentation Overview

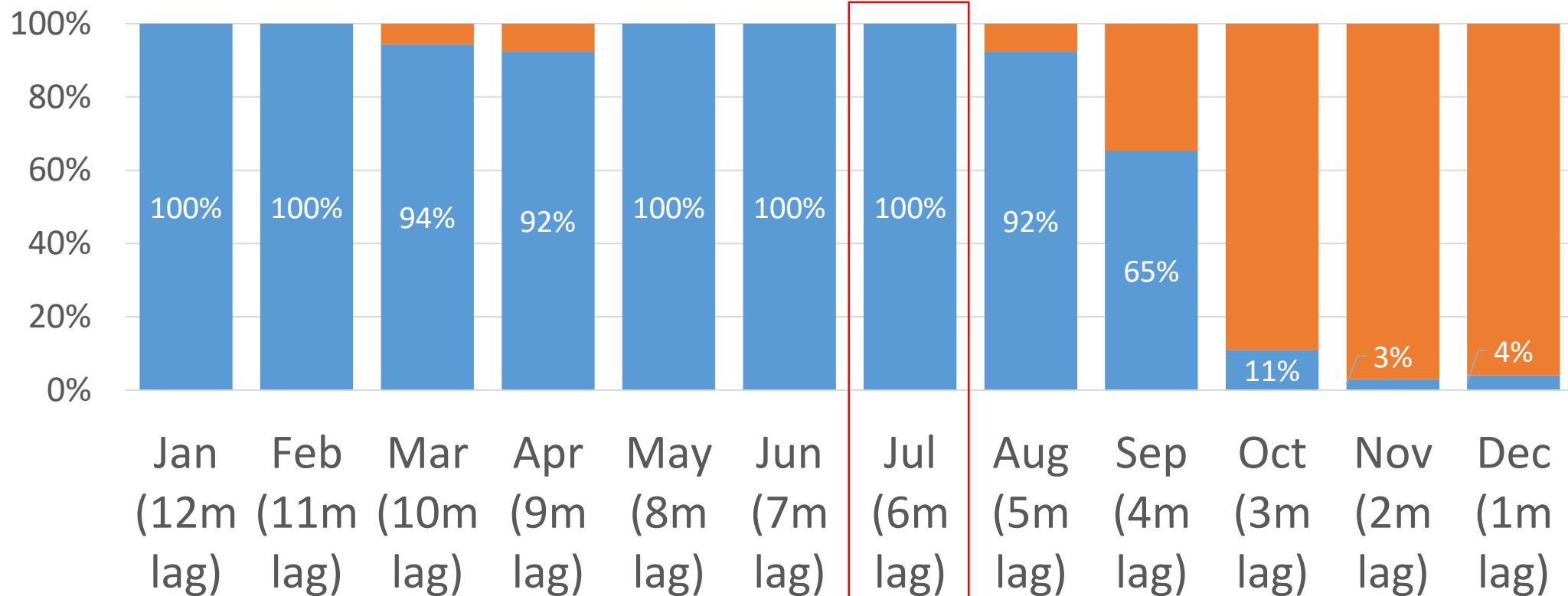
- Data on overdoses and overdose reversals
- SFDPH and City overdose prevention and harm reduction efforts
 - including work with first responders and health alerts
- Treatment options
- Immediate and future action plans

Data

Processing of Data for Unintentional Drug Overdose Deaths in San Francisco



Proportion of Monthly Drug Overdose Deaths Identified for 2018 by Date of Data Retrieval



2019
Retrieval
Date

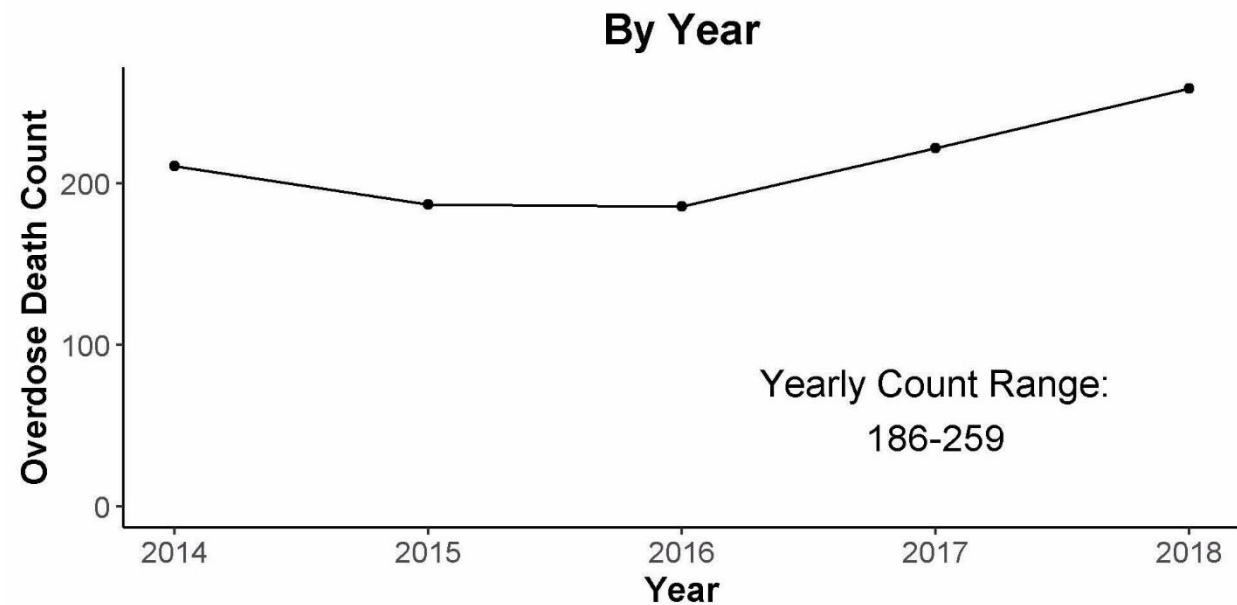
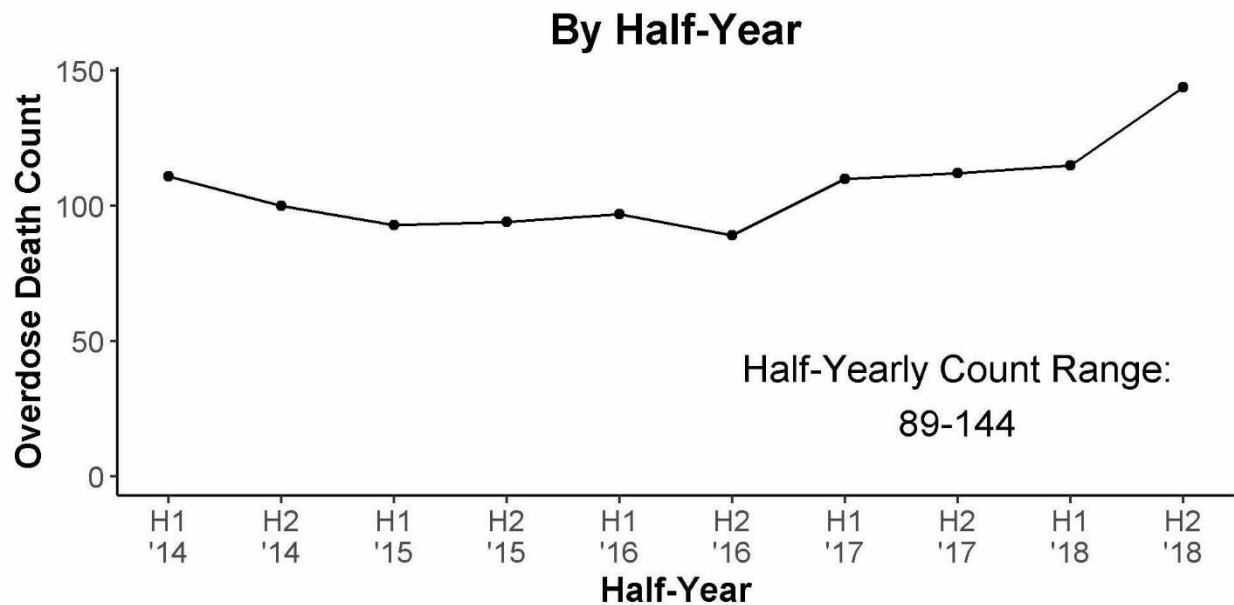
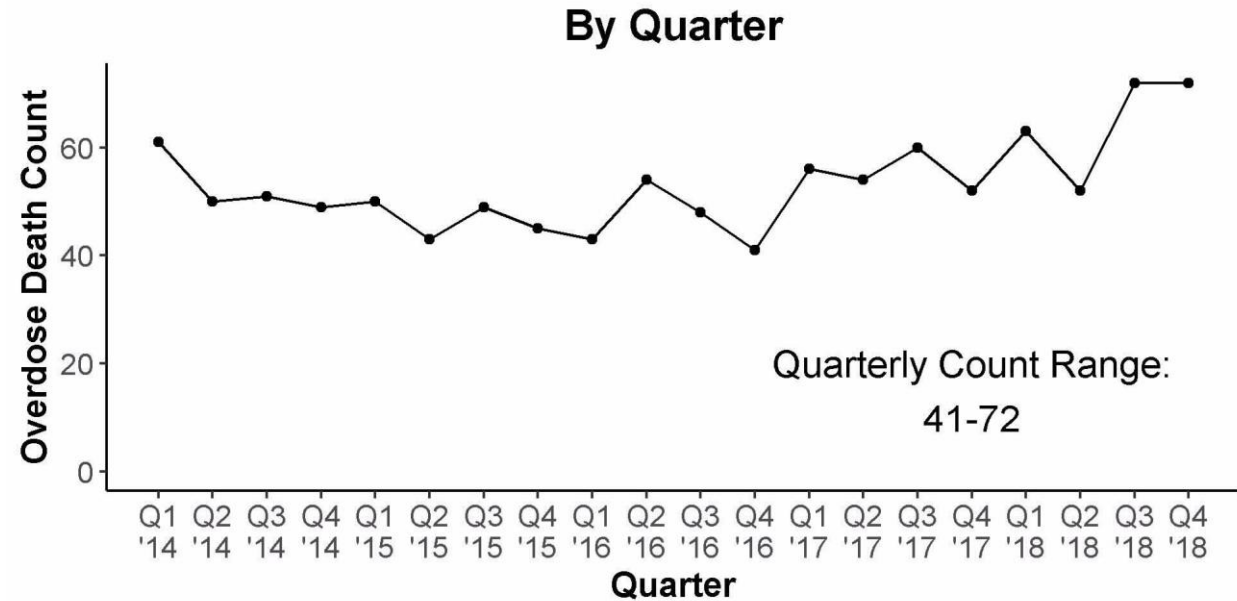
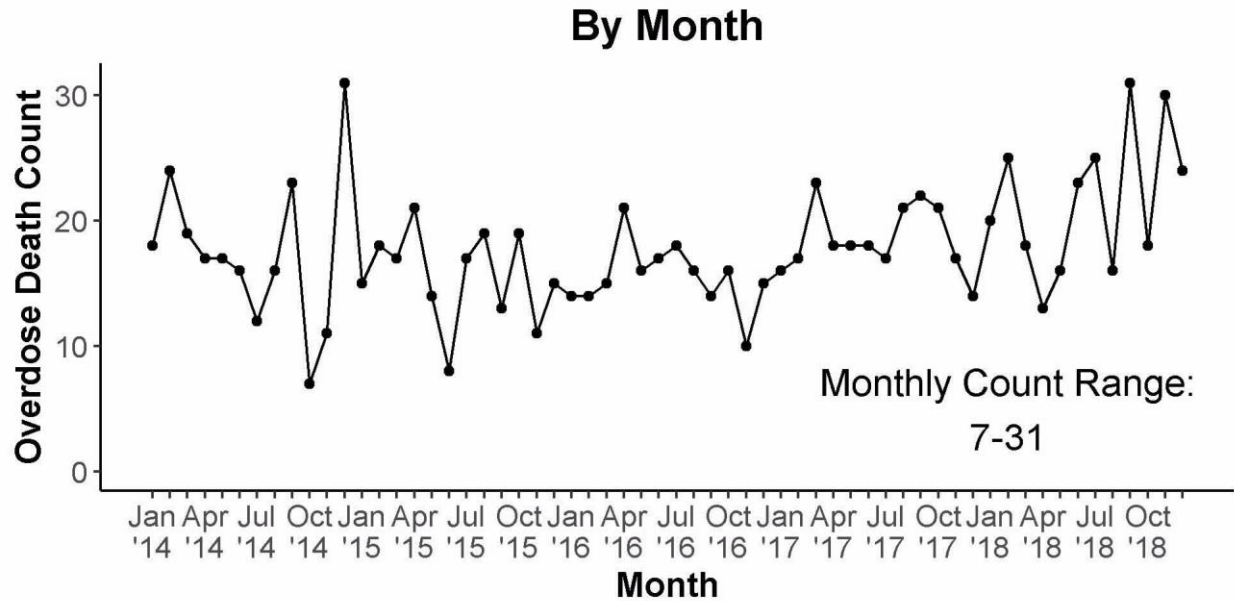
Cases Identified on 25 January
2019 (1 month after end of 2018)



Additional Cases Identified on
31 July 2019 (7 months after end of 2018)

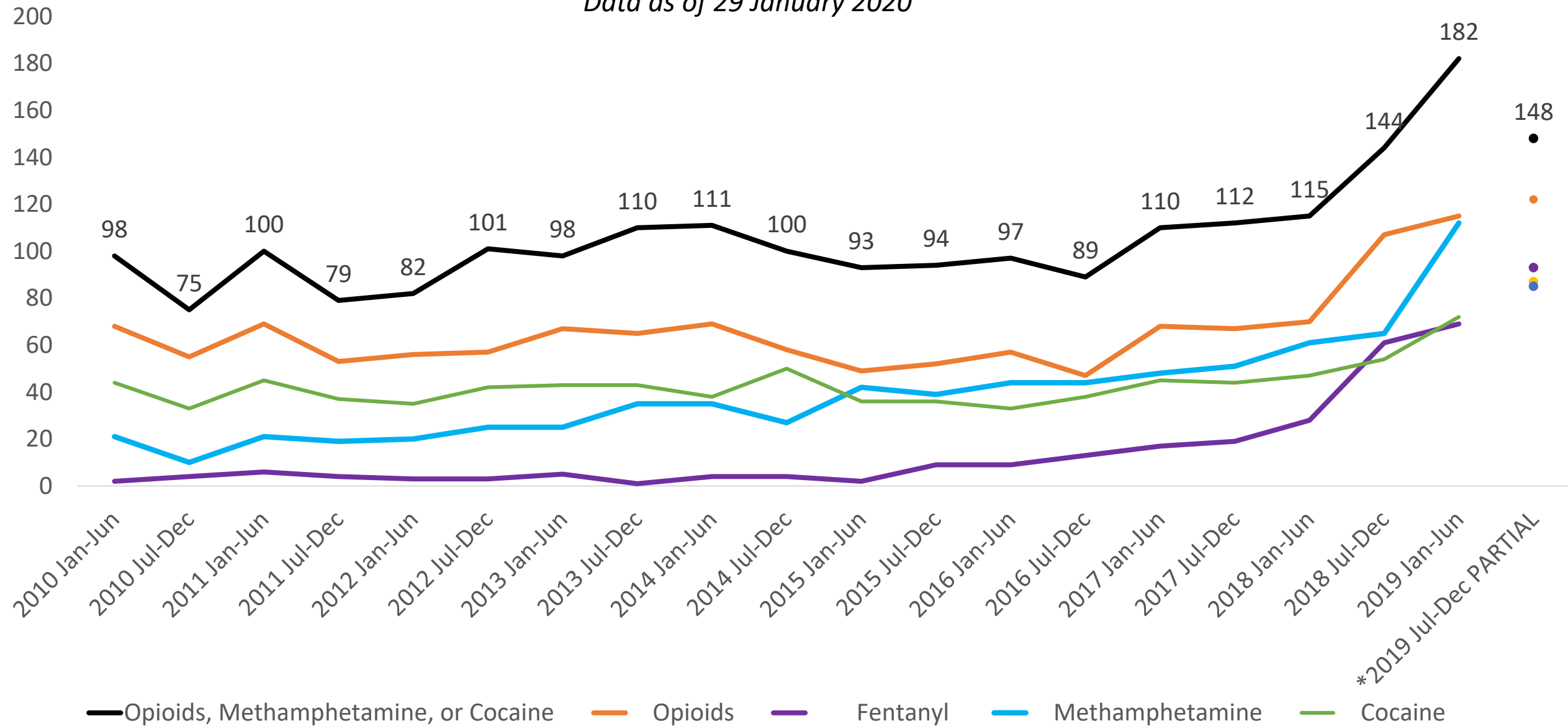


Number of Opioid, Cocaine, and Methamphetamine Overdose Deaths by Varying Intervals in San Francisco



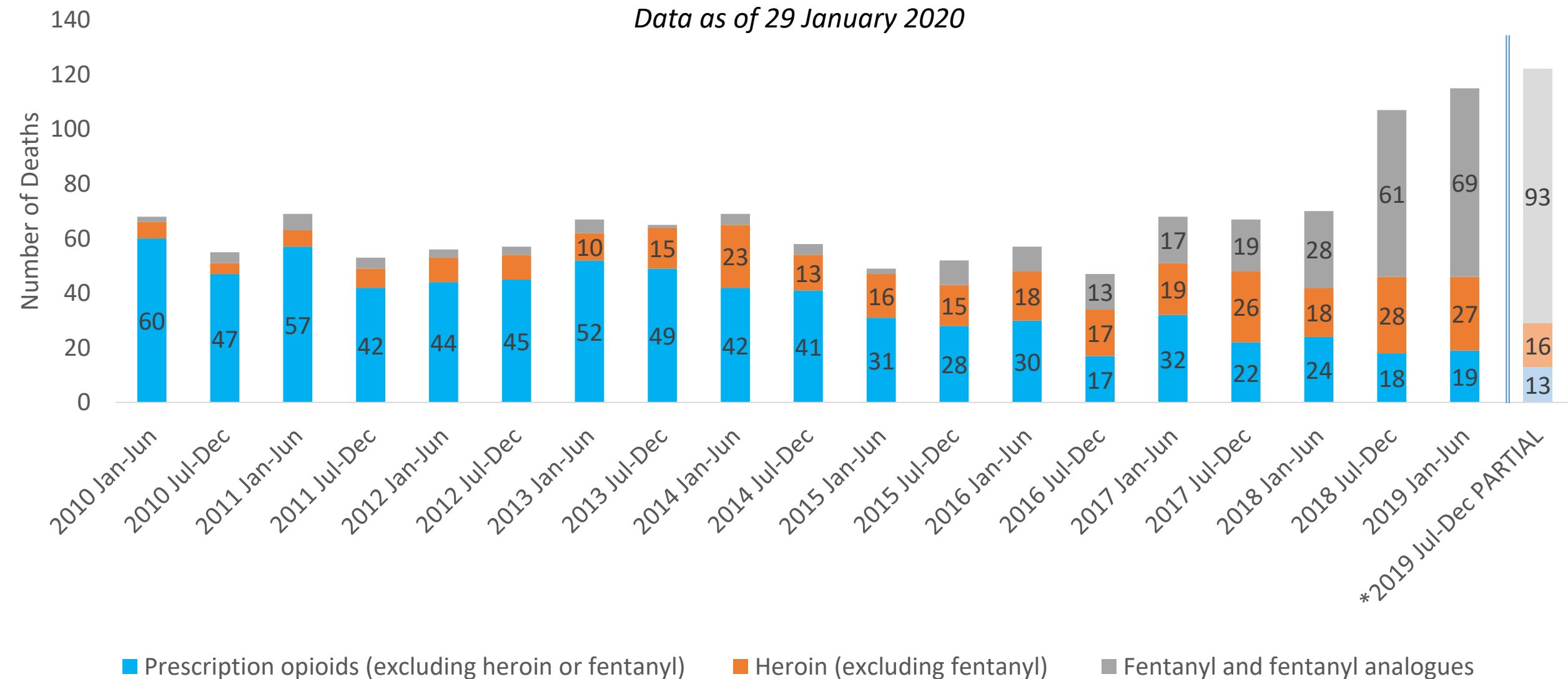
Number of Drug Overdose Deaths by Half-Year in San Francisco

Data as of 29 January 2020



Number of Opioid Overdose Deaths by Mutually Exclusive Opioid Type and Half-Year in San Francisco

Data as of 29 January 2020



Overdose Prevention & Harm Reduction Efforts

Harm Reduction

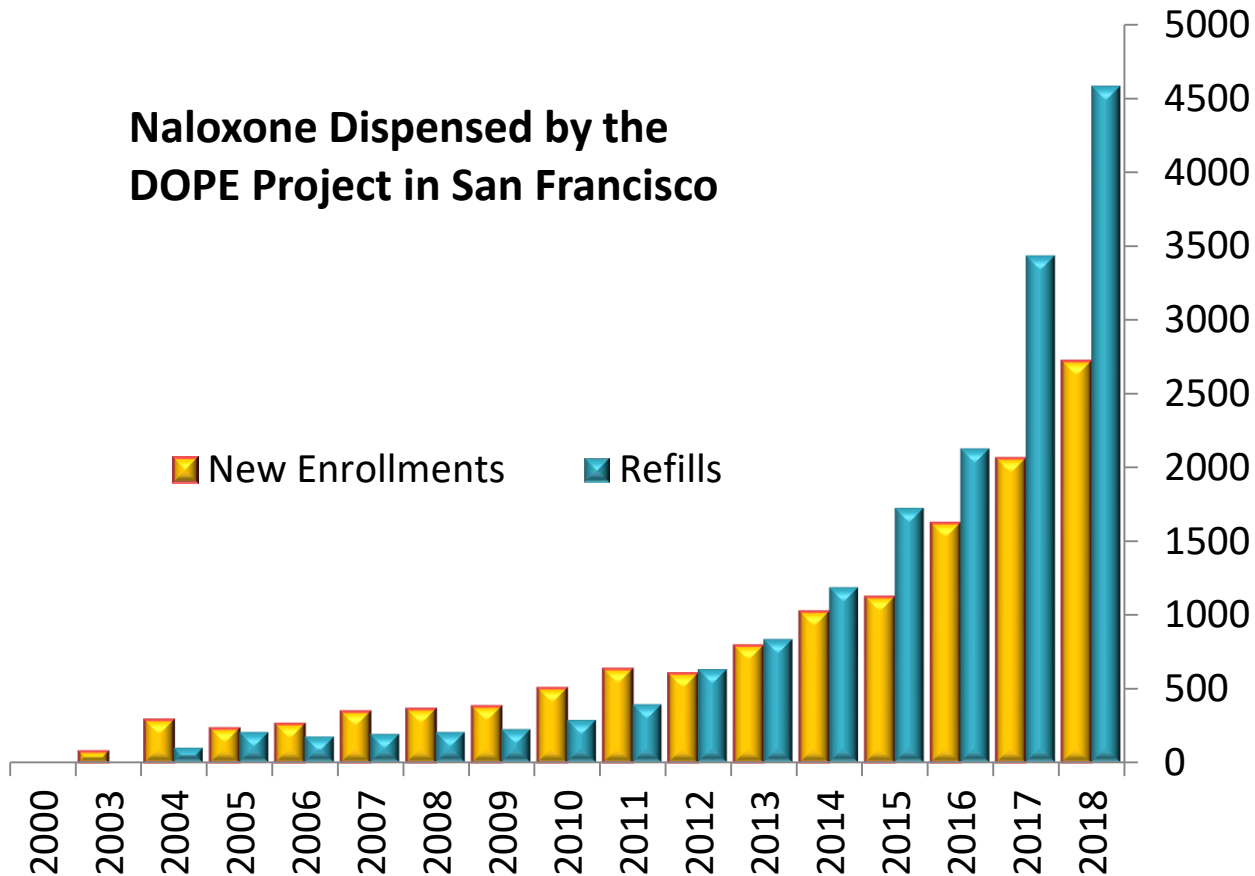
- SFDPH policy
- Promotes methods of reducing the physical, social, emotional, and economic harms associated with harmful behaviors that impact individuals and their community
- Free of judgment, clients are directly involved in setting their own health goals

Examples in San Francisco

- Syringe access and disposal
- Naloxone
- Medication-Assisted Treatment (e.g. methadone, buprenorphine)
- Sobering Center

Naloxone Distribution and Overdose Prevention Initiatives

Naloxone Dispensed by the DOPE Project in San Francisco



- SFHN co-prescribing in Primary Care, hospital, Emergency Department
- Jail pre-release naloxone dispensing
- Project FRIEND – training for first responders and take-home naloxone kits dispensed by EMS

Naloxone Administered by EMS

| 2016 | 2017 | 2018 |
|------|-------|-------|
| 980 | 1,106 | 1,647 |

Street-Based Engagement to Address Health Needs

- “Encampment” health fairs
- Low-barrier medical services at syringe access sites
- Increased mobile outreach with medical teams
- Mobile health access points
- Mobile methadone van
- Harm Reduction Therapy Center van



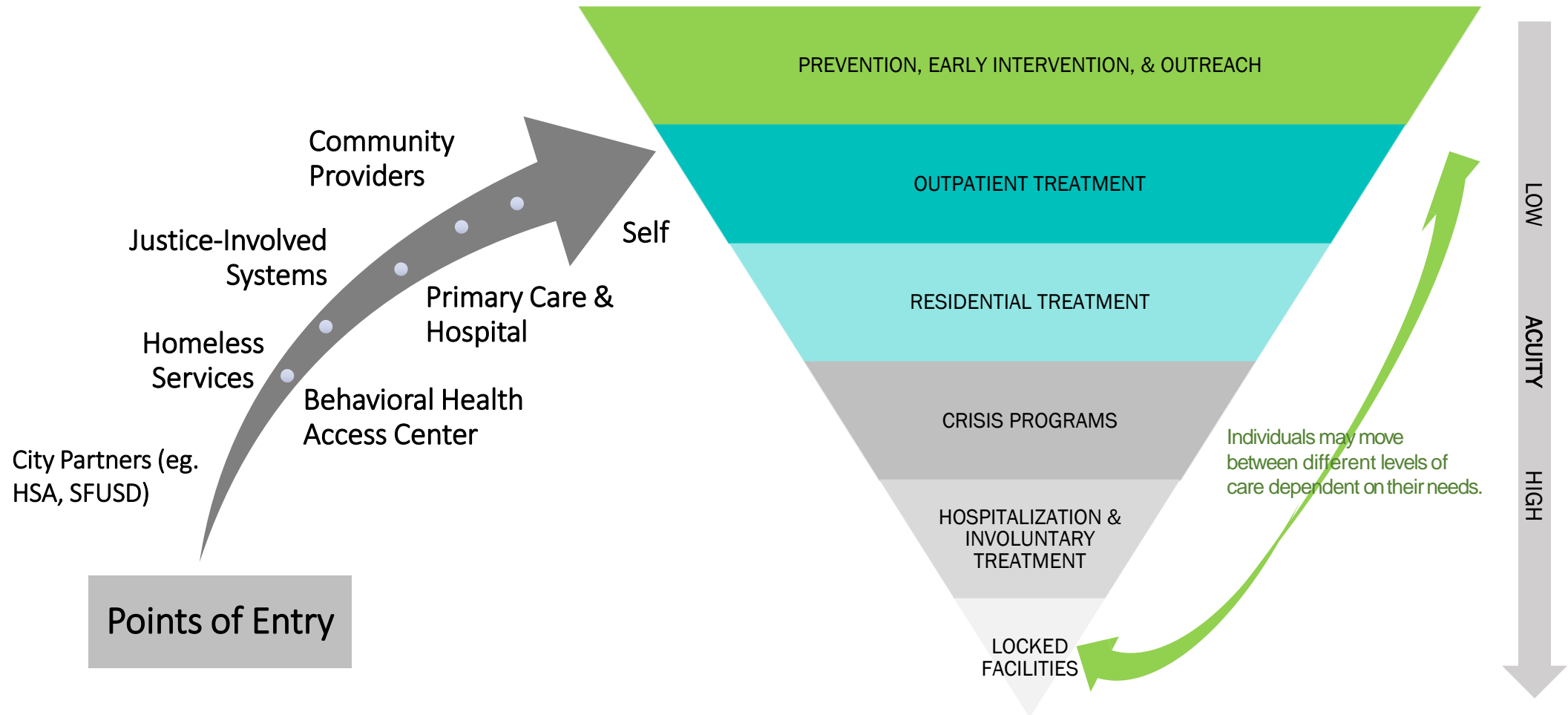
Overdose Alerts and Notices

- Alerts and notices about overdoses
 - Community response from funded provider – DOPE Project
 - Medical advisory from Health Department
 - Advisory and community messaging sent to treatment programs, shelters, navigation centers, schools, etc.
- Flyers and messaging to community members
 - Facilitates engagement in conversations with participants
- Alliance for Collaborative Drug Checking (ACDC)
 - Lab testing of drugs associated with overdose or toxic reactions; alerts about results

| | | | |
|--|--|---|---|
| <p>ACDC is a collaboration between the DOPE Project, Homeless Youth Alliance, Glide Harm Reduction and the SF Drug Users Union to collect samples from San Francisco's drug supply that people who use drugs are concerned about, and have them tested using LC-MS technology.</p> <p>ALLIANCE FOR COLLABORATIVE DRUG CHECKING (ACDC)</p> <p>SAN FRANCISCO</p> <p>Results for April 2019</p> <p>ACDC is supported by SFPD and the Clinical Toxicology lab at Zuckerberg San Francisco General Hospital.</p> <p>For more information contact Eliza Wheeler wheeler@harmreduction.org</p> | | | |
| <p>DOPE42</p> <p>Sample collected 4/26/19 at Homeless Youth Alliance</p> | <p>SAMPLE PROFILE</p> <p>Purchased in the Tenderloin</p> <p>Sold as black tar heroin</p> <p>Caused itchy rash, burning in feet, neck, back, swollen lips, had no legs</p> | <p>WHAT WAS IT?</p> <p>Major component: heroin</p> <p>Trace components: cocaine, lidocaine and methamphetamine</p> | <p>SO WHAT?</p> <p>Even though this sample has some trace amounts of stimulants in it, the allergy-like reaction was most likely because of the poorly processed heroin. The majority of the sample was 6-acetylcodeine, an impurity from incomplete processing of heroin which could cause these reactions.</p> |
| <p>DOPE43</p> <p>Sample collected 4/19/19 at Homeless Youth Alliance</p> | <p>SAMPLE PROFILE</p> <p>Purchased in the Tenderloin</p> <p>Sold as fentanyl</p> <p>Caused a speedy sensation, anxiety, antsy, twitchy</p> | <p>WHAT WAS IT?</p> <p>Major component: fentanyl</p> <p>Minor components: heroin, methamphetamine</p> <p>Trace components: cocaine</p> | <p>SO WHAT?</p> <p>This sample was primarily fentanyl, it did contain some meth (but only a trace of cocaine) so the speedy sensation is likely due to the presence of stimulants.</p> |

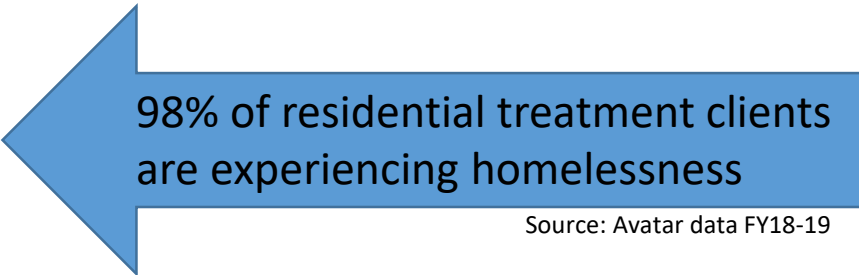
Treatment Options

SFDPH Behavioral Health Services



Substance Use Treatment Options

- Seven opioid treatment programs contract with SFDPH
 - Buprenorphine
 - Methadone
 - Jail Health – continued and new treatment
- Residential treatment – 491 beds
 - Withdrawal management
 - Residential treatment, up to 90 days
 - Residential step-down programs
- Low-threshold buprenorphine
 - Street Medicine pilot program
 - BHS Pharmacy expansion of services
 - Buprenorphine prescriptions are up 55% since 2010
- Two targeted programs including contingency management
- Pharmacotherapy research (e.g. mirtazapine)

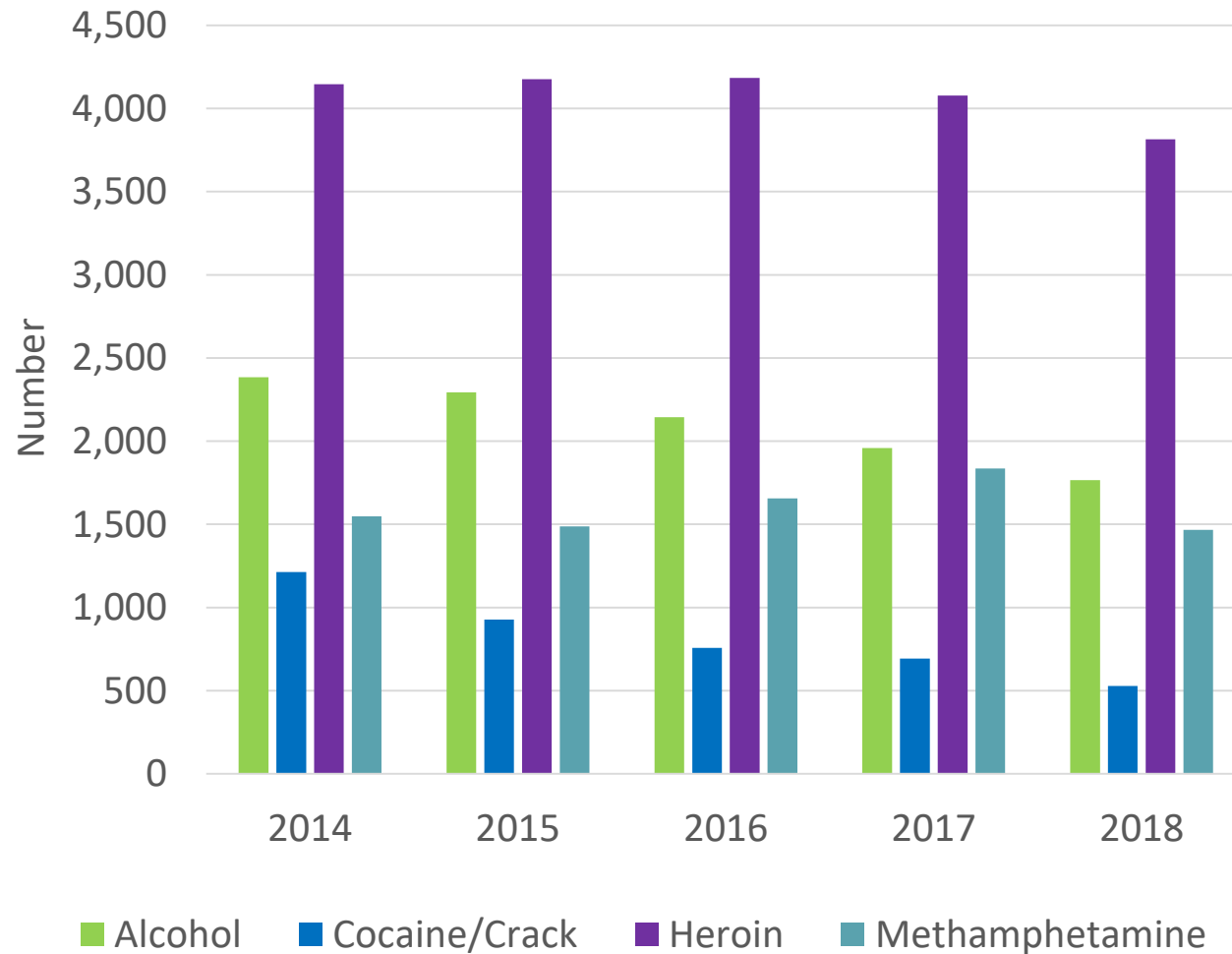


98% of residential treatment clients are experiencing homelessness

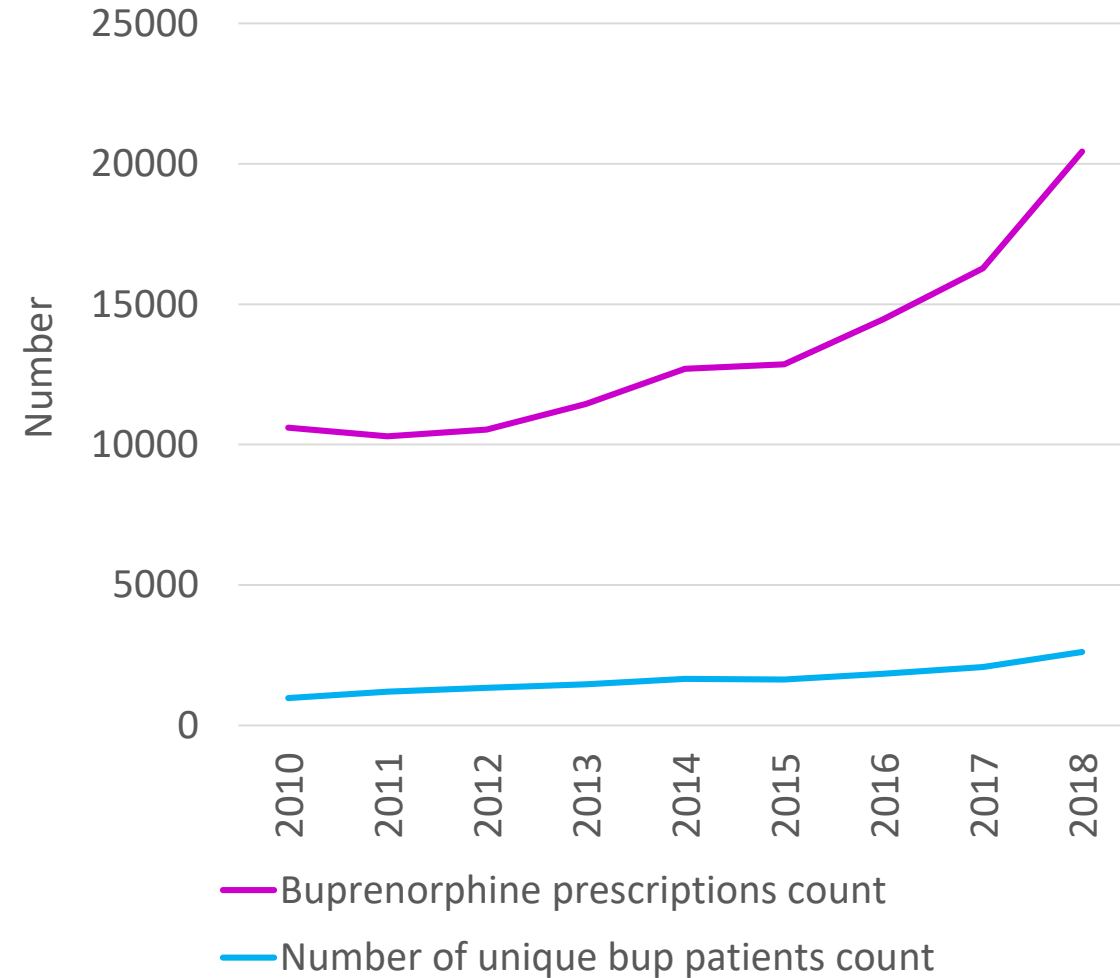
Source: Avatar data FY18-19

Substance Use Disorder Treatment

Substance Use Disorder Treatment Admissions



Outpatient Buprenorphine



Immediate Actions – 2019/2020

Reform the Behavioral Health System

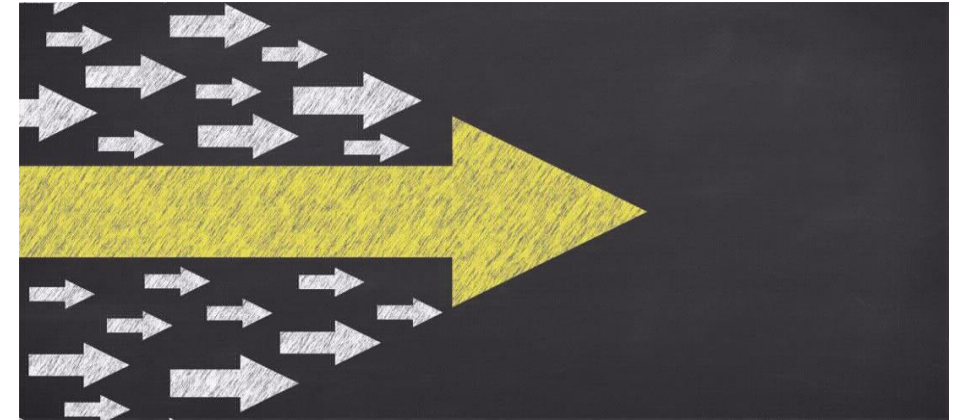
- Using residential treatment bed availability website to address vacancies
- Creating a new drug sobering center
- Expanding Hummingbird model to community
- Adding residential treatment beds

Strengthen Overdose Prevention

- Launching SRO Overdose Prevention Project
- Project FRIEND: empowering first responders
- REBOOT 2.0: behavioral intervention research

Lower Barriers to Treatment

- Extending intake hours and shortening intake process
- Expansion of tele-buprenorphine at syringe sites and other points of contact
- Addiction Medicine Consult Service at ZSFG



Future Initiatives

- **Mental Health SF**
 - Expansion of case management
 - Street Crisis Intervention Team
 - 24/7 Mental Health Service Center
(BHS Pharmacy and BHAC expansion)
- **Mental Health Reform**
 - Managed alcohol program
 - Addressing inequity in overdose reversal
- **Overdose Prevention Sites**

QUESTIONS?



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