

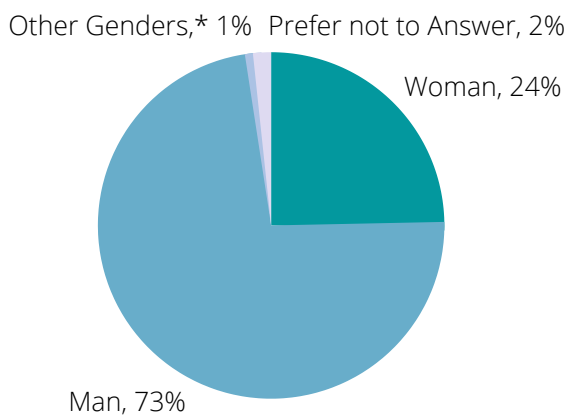
CONTINUOUS PULSE OXIMETRY FOR PEOPLE WHO SMOKE OPIOIDS TO PREVENT OVERDOSE DEATHS

This **study** was conducted **at four overdose prevention sites in Vancouver and Victoria, British Columbia**, and included **599 observed opioid smoking events** with individuals being allowed to participate multiple times. We did not track repeats during data collection.

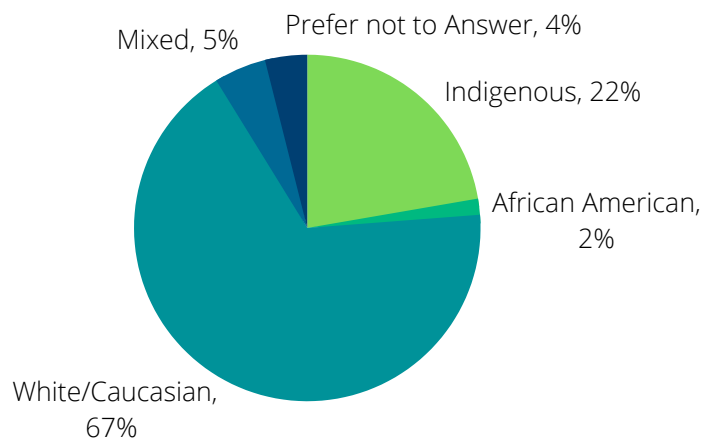
Demographics

Based on our assessment for complete overlap of demographics, health status variables, and visited sites, we identified that at most 101 records representing 36 participants were potential duplicates. The **mean age** among these participants was **38.2 years**, and **72.9%** were **men**. The **mean ages of men and women** were **38.8 years** and **35.8 years** (SD: 10.3), respectively.

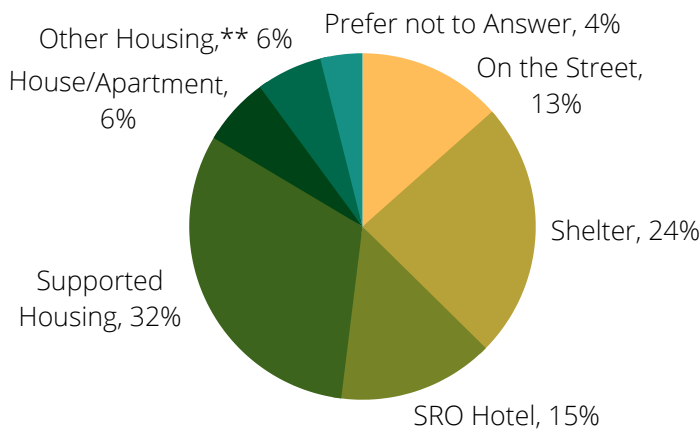
Gender Identity



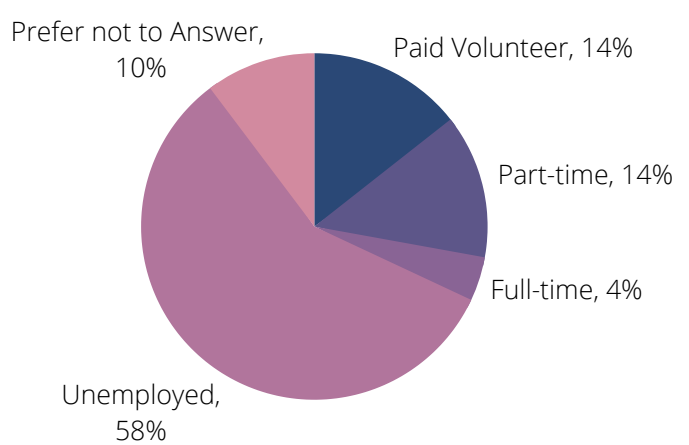
Ethnicity



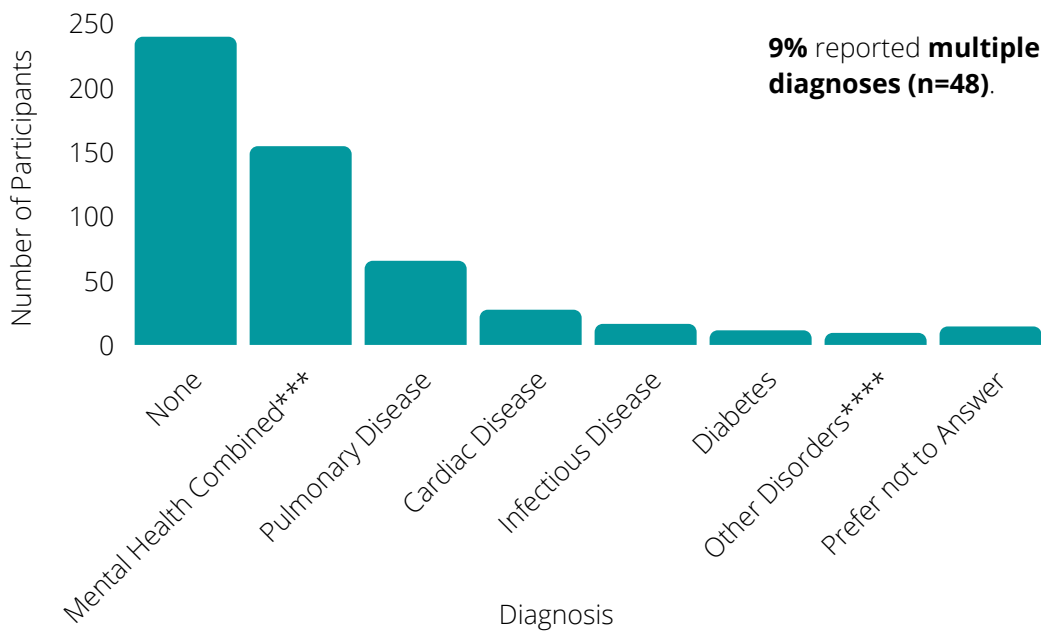
Housing Status



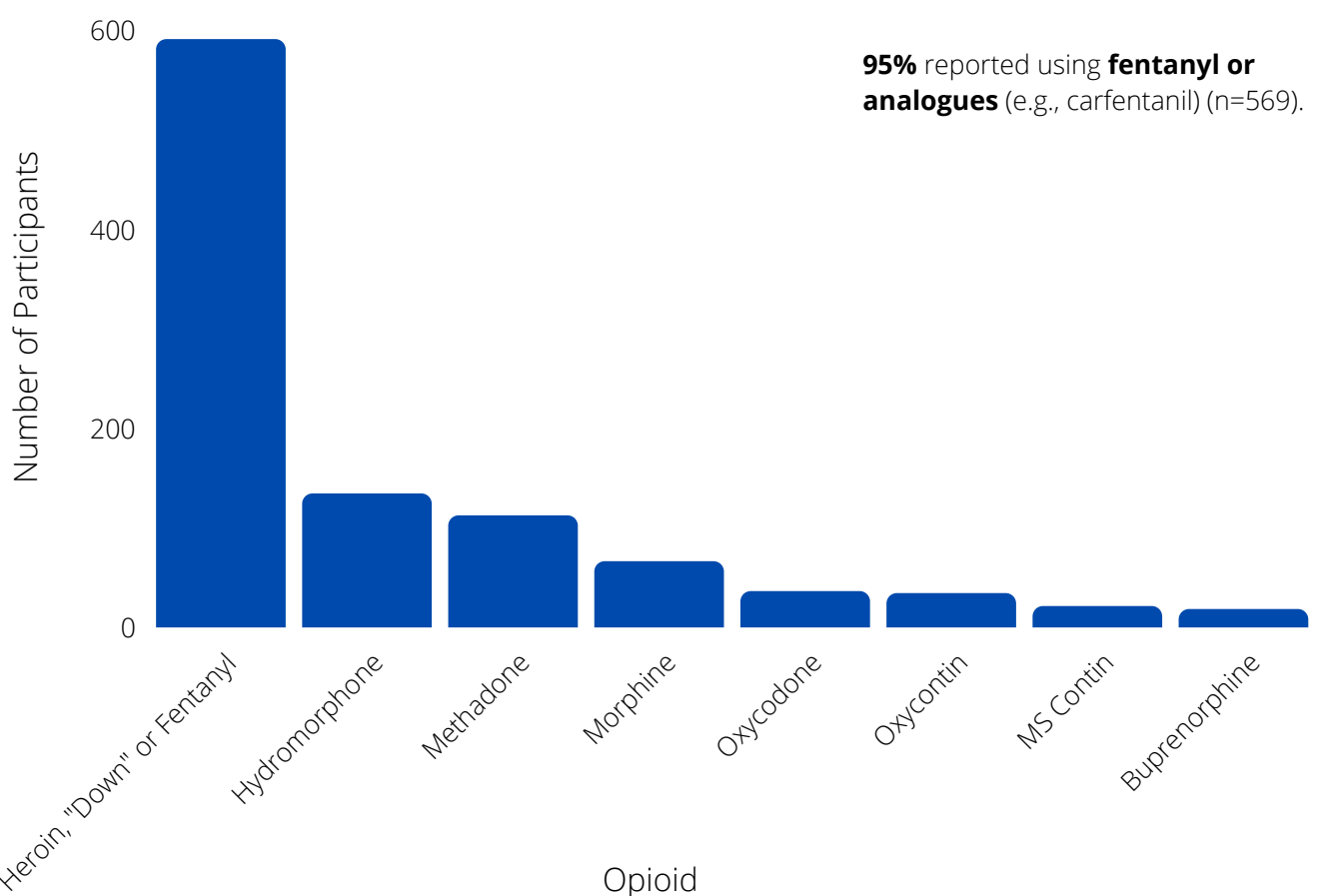
Employment Status



Medical Comorbidities (N=535)



Opioids that Participants Reported Using (N=599)

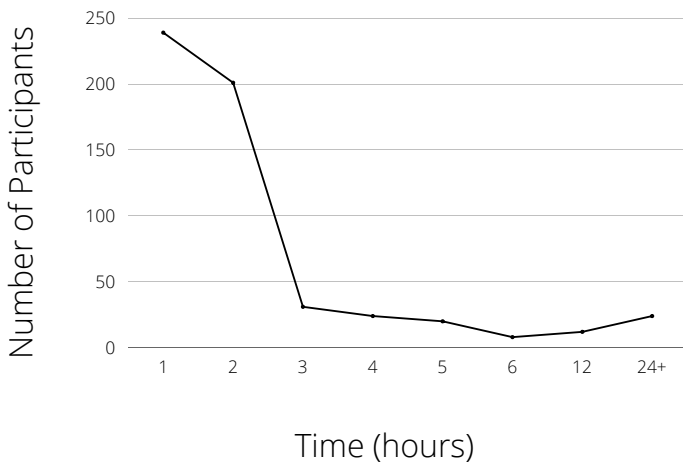


*Other genders included transgender, two-spirit, and gender-nonconforming. **Other housing included hospital, tent, sailboat, couch-surfing, staying with friends or family, and a combination of accommodations. ***Mental health combined included mental illness, brain injury, and cognitive disabilities. ****Other disorders included chronic pain, neuromuscular, renal, and rheumatologic.

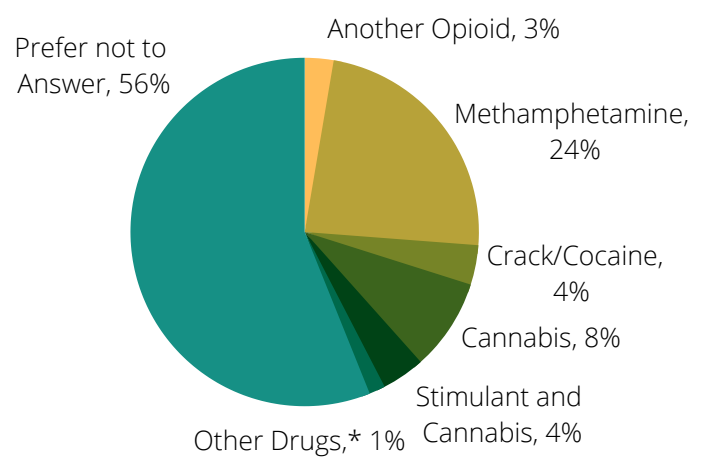
Pattern of Opioid Use (N=599)

At the **current visit**, **93%** reported using **heroin, "down," or fentanyl** (n=557). 94% reported using heroin, "down," or fentanyl at last use (n=563), and **48%** reported **mixing substances at last use** (n=288). **95%** reported using **opioids daily** (n=569).

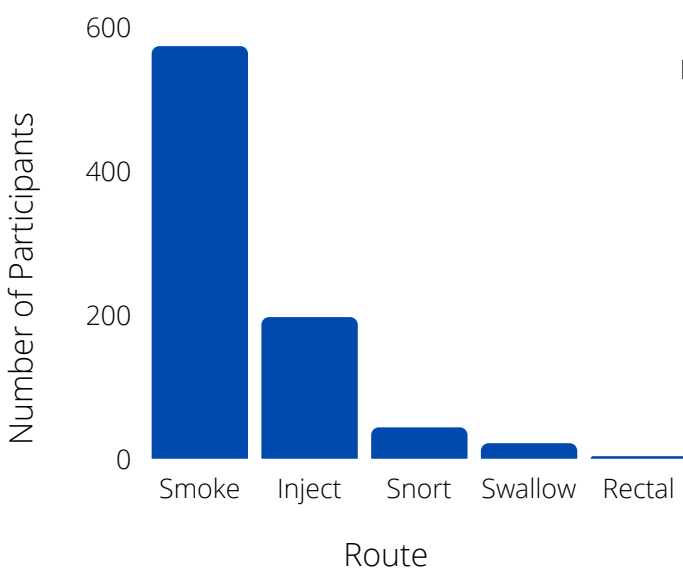
Time Since Last Use of Opioids



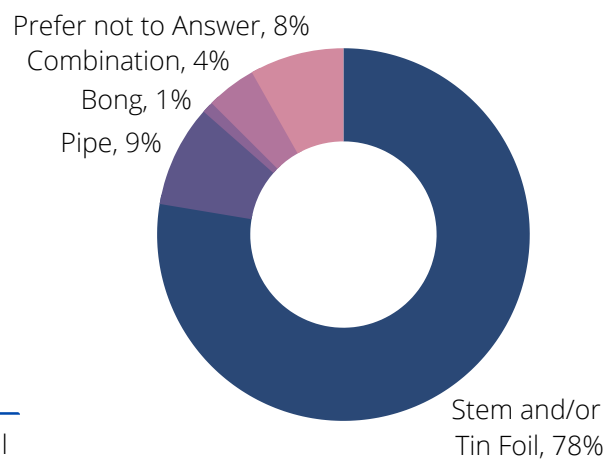
Substances Used with Opioids



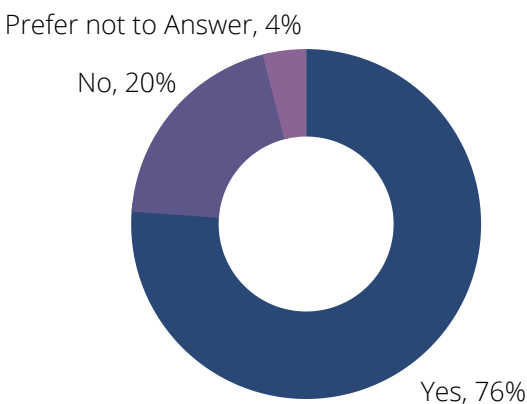
Preferred Route of Opioid Use**



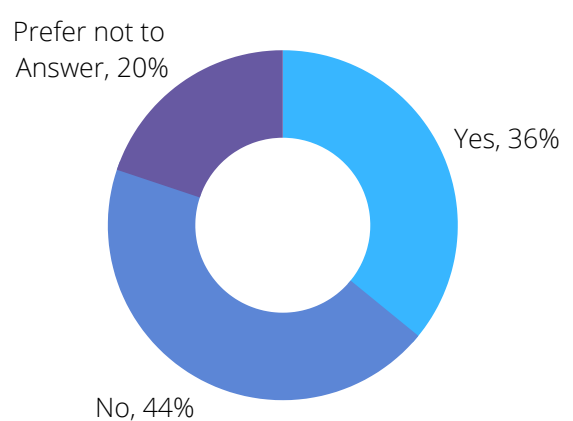
Preferred Device for Smoking Opioids



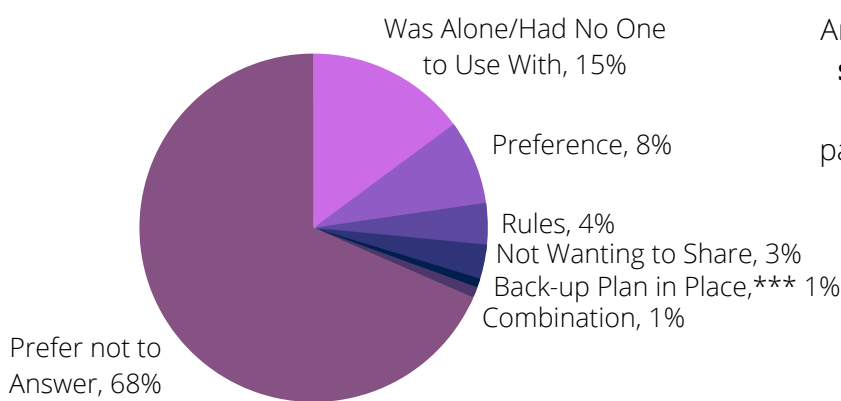
Participants who Smoked Opioids Alone in the Last Three Days



Participants who have Overdosed while Smoking Opioids

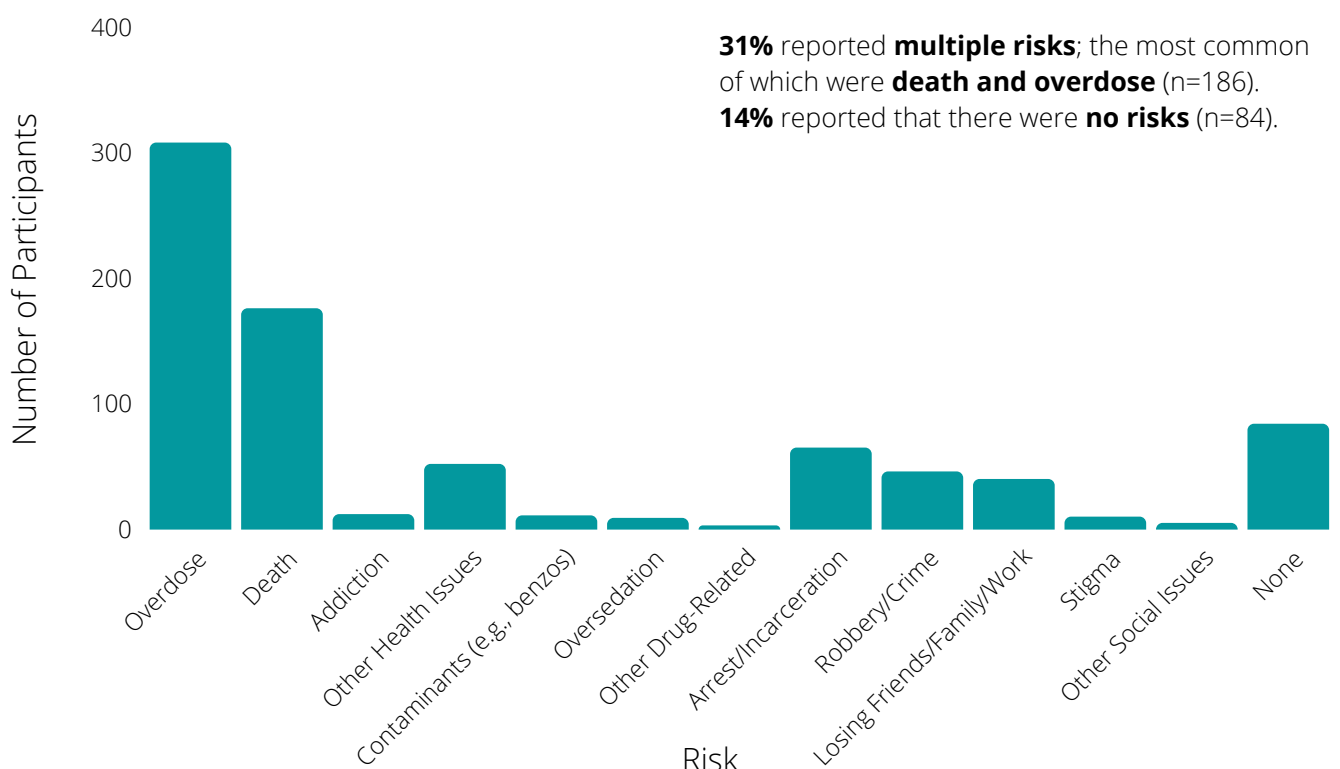


Reasons for Smoking Opioids Alone in the Last Three Days



Among participants who reported **smoking opioids alone** in the **last three days**, **41%** or **157** participants **had experienced an overdose** while **smoking**.

Participant-Reported Risks of Smoking Opioids (N=599)



*Other drugs included multiple stimulants and benzodiazepines. **Participants could select more than one response. ***Back-up plans included knowing where to buy safe drugs, having drugs tested, people being in the next room, telling someone before using, knowing one's tolerance, having an emergency application on one's phone, and carrying naloxone.