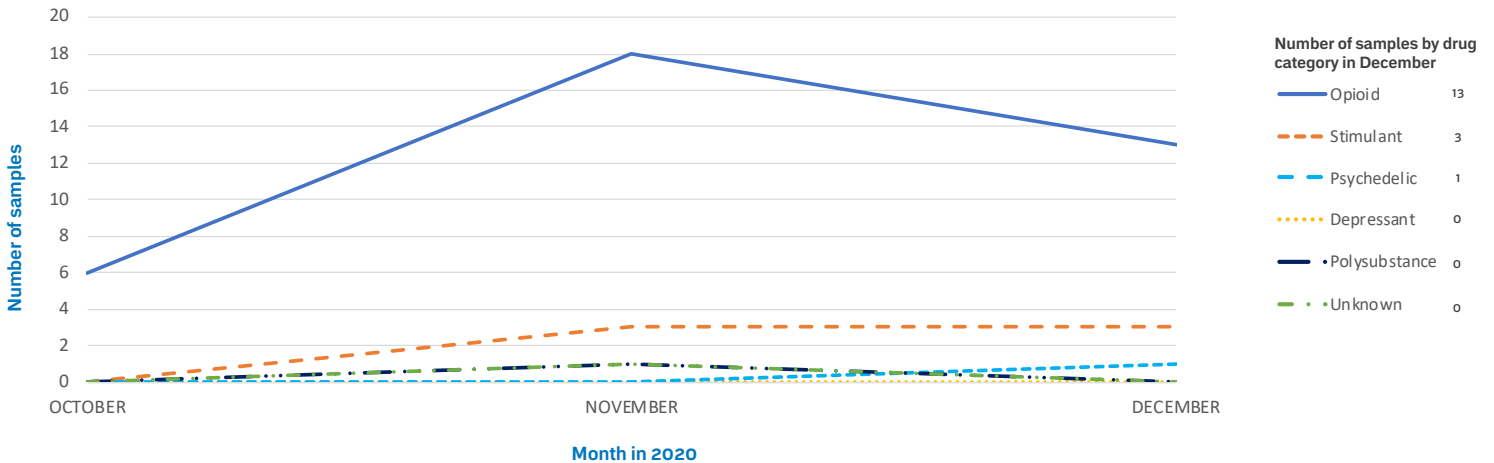


Key Findings

- Canadian Mental Health Association (CMHA) in Nanaimo started as a new partner site in October 2020 and currently offers service at their Wesley Street location.
- Outside of the BCCSU Drug Checking project, the Vancouver Island Drug Checking Project based in Victoria offers drug checking in the Island Health region. For more information about their project and more data about drug checking sample results, please visit www.substance.uvic.ca.

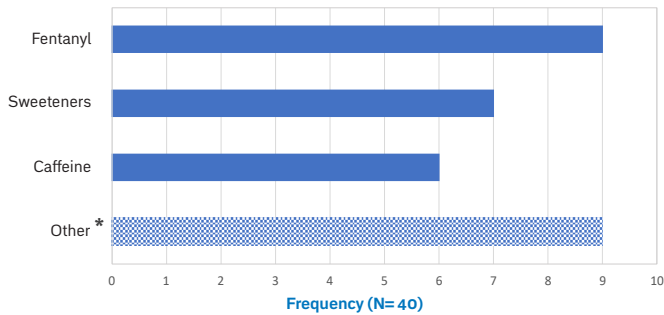
Number of drug samples checked in the past 3 months*



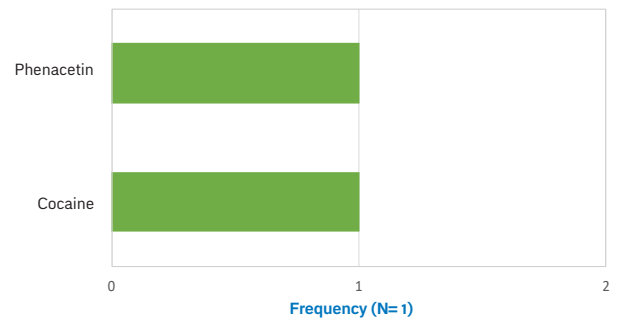
* Services in the Vancouver Island region started in October 2020.

Components found in drug samples in December

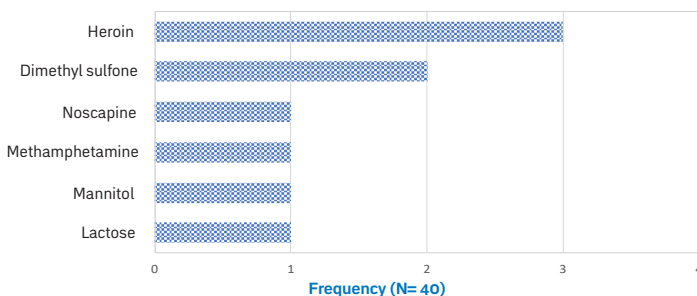
Components in opioids



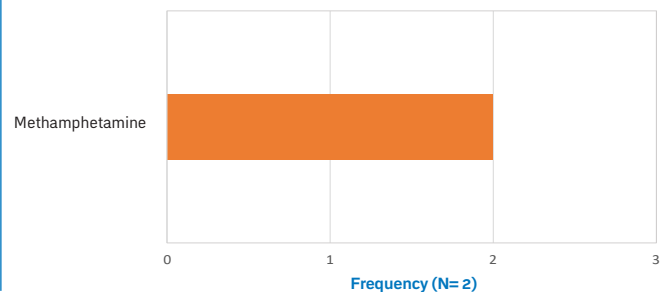
Components in cocaine



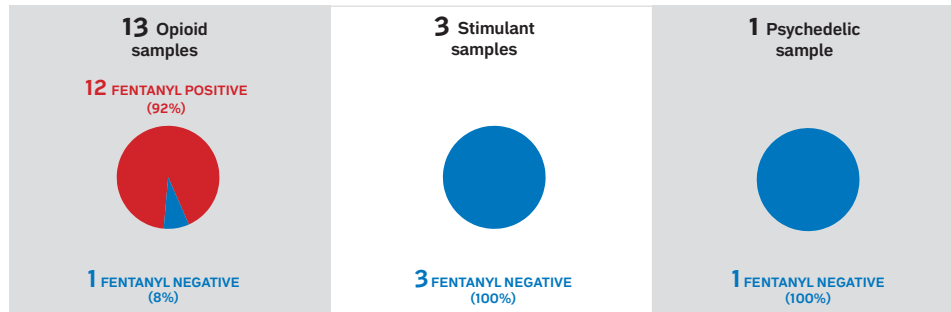
* Other components found in opioids



Components in methamphetamine



Number of samples tested with fentanyl present

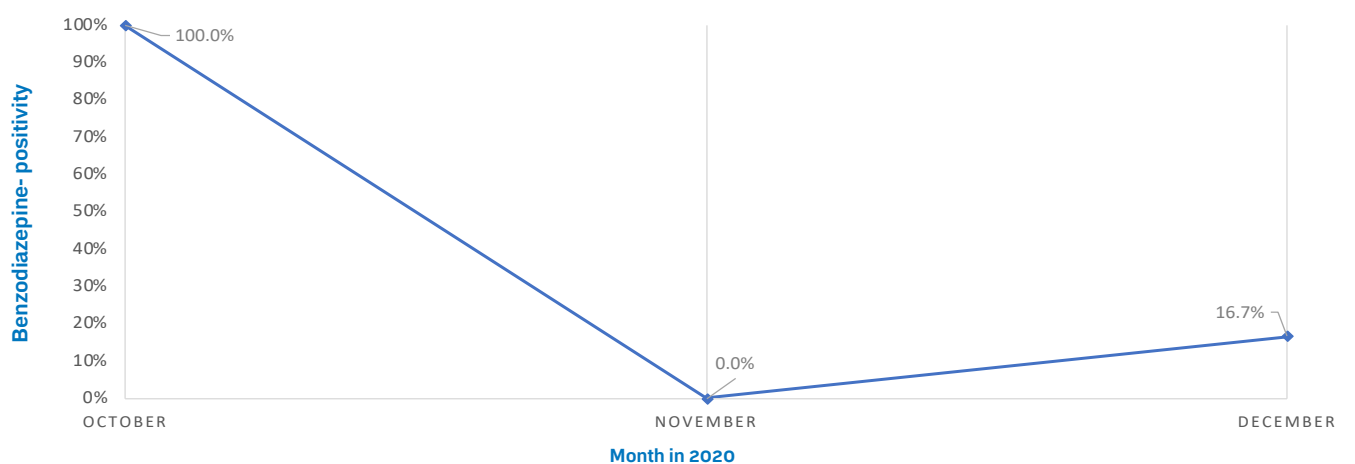


PUBLIC HEALTH NOTIFICATIONS

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	Alert Message
No alerts for Island Health this month					

For information about current substances in the Island Health region: <https://substance.uvic.ca/>

Percentage of opioids testing positive for benzodiazepines in the past 3 months



During the month of December, **16.7%** of expected opioid samples tested positive for benzodiazepines using test strips in our partner sites in the Vancouver Island region (**1 samples of 6 tested**).

Opioid samples are tested for benzodiazepine-positivity using BTNX test strips. The results presented above are presumptive and tentative until confirmed by a laboratory.

Number of drugs checks at each site:

Location	# of Drug Checks	Hours
Wesley Street OPS (CMHA)	17	12

Number of samples that matched client expectation

using FTIR/test strip drug checking

EXPECTED DRUG:

Opioid

13 Samples Tested



Matched: 8

Did not match: 5

EXPECTED DRUG:

Stimulant

3 Samples Tested



Matched: 3

EXPECTED DRUG:

Psychedelic

1 Sample Tested



Did not match: 1

Total

17 Samples Tested



Matched: 11

Did not match: 6

Number of opioid samples that matched client expectation

*using FTIR/test strip drug checking

EXPECTED DRUG:

Down

1 Sample Tested



Matched: 1

EXPECTED DRUG:

Fentanyl

5 Samples Tested



Matched: 5

EXPECTED DRUG:

Heroin

5 Samples Tested



Matched: 2

Did not match: 3

EXPECTED DRUG:

Fentanyl & Heroin

2 Samples Tested



Did not match: 2

Total

13 Samples Tested



Matched: 8

Did not match: 5

Please note that the presence of the expected substance does not imply purity, as samples frequently contain adulterating cutting agents

Depressant may include:
benzodiazepines, etizolam,
GHB, hypnotics

Opioid may include:
"down," heroin, fentanyl,
pharmaceutical opioids

Polysubstance includes:
cross-category mixtures

Psychedelic may include:
MDMA and related,
2C-family, tryptamines,
ketamine, LSD

Stimulant may include:
methamphetamine,
"speed," cocaine and crack
cocaine, cathinones

Unknown includes:
samples where the individual
was unable to identify an
expected substance - this
includes found samples.

Data represented here are collected from our partner sites across the province. Drug samples are tested using the Fourier Transform Infrared (FTIR) spectrometer in combination with fentanyl test strips and benzodiazepine test strips.

There is 5% fentanyl detection limit on the FTIR spectrometer (McCrae, 2019), and a drug check on any given sample consists of both the FTIR and BTNX fentanyl immunoassay test strip testing done in combination. When applicable, BTNX benzodiazepine immunoassay test strips are also used.

BCCSU gratefully acknowledges the contributions of the following partners: