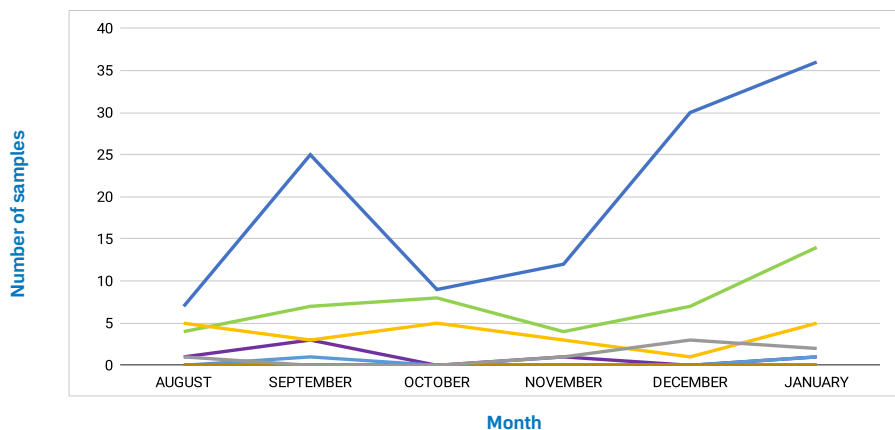


Key Findings

- In January, a total of 59 drug checks were performed at the Wesley Street site, the highest number of checks recorded at this site to date, with increases occurring primarily in the stimulant category.
- The percentage of opioids testing positive for benzodiazepines increased from 73.3% to 83.3% in January (30 of 36 samples). Trends may be hard to infer due to the small number of samples overall.
- Drug checking services are expanding! As of February 2, 2023 services will be operating 7 days a week from 11:00am–8:30pm at 250 Albert Street. Samples can also be dropped off any day of the week and results can be picked up during drug checking hours.
- Substance (The Vancouver Island Drug Checking Project), offers drug checking in Victoria and communities across the Island, as well as mail in services. For more information about drug checking sample results in the Island health region, please visit substance.uvic.ca.

Number of drug samples checked in the past 6 months



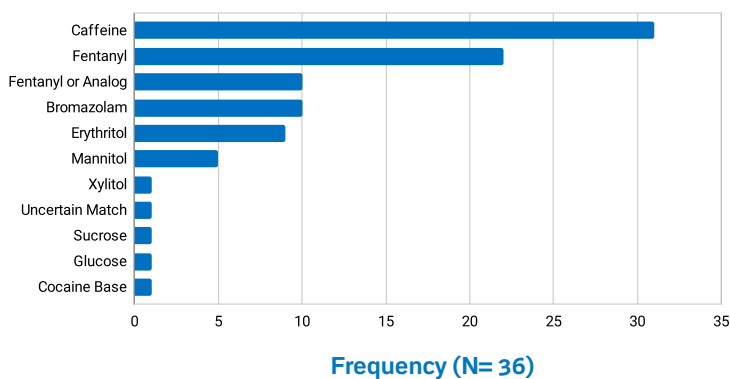
Number of samples by drug category in January

Opioid	36
Stimulant	14
Depressant	1
Psychedelic	5
Other	1
Polysubstance	0
Unknown	2

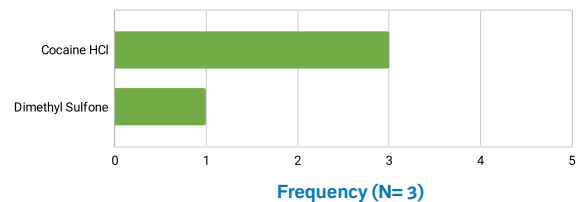
TOTAL: 59

Components found in drug samples in January

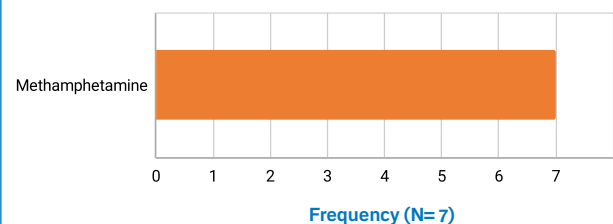
Components in opioids



Components in cocaine



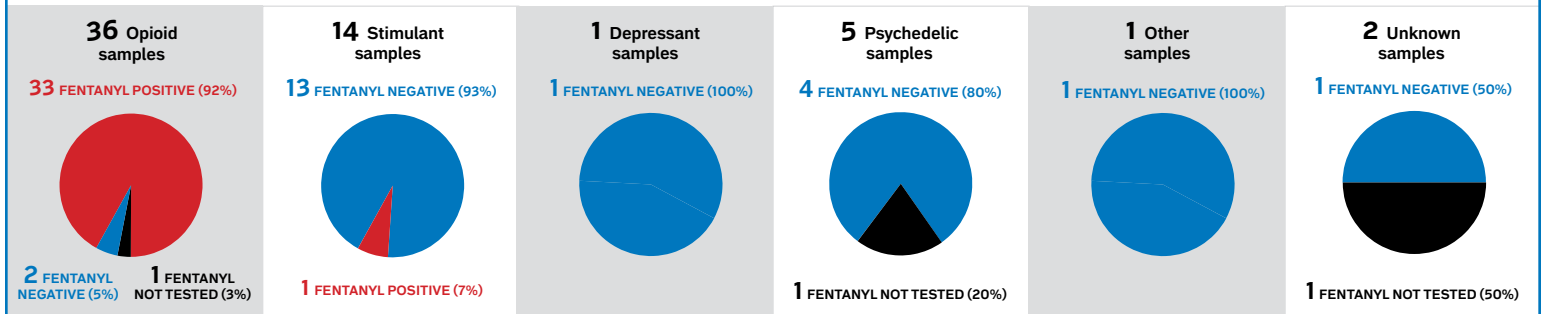
Components in methamphetamine



January
2023

Drug Checking in Island Health

Number of samples tested with **fentanyl** present

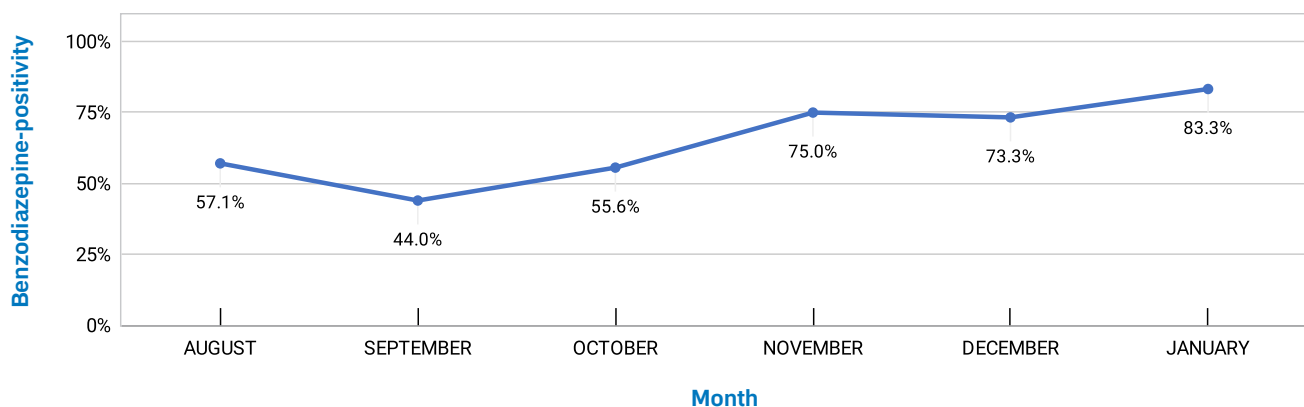


PUBLIC HEALTH NOTIFICATIONS

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	Alert Message
No alerts from drugs checked at Wesley St Drug Checking service 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 6 months



During the month of January, **83.3%** of expected opioid samples tested positive for benzodiazepines using test strips in our partner site in Island Health (**30 samples of 36 checked**). Opioid samples are checked for benzodiazepine-positivity using BTNX test strips and the FTIR spectrometer. The results presented here are derived from both of these technologies and are presumptive until confirmed by a laboratory.

Number of drugs checks at each site:

Location	# of Drug Checks
Wesley Street OPS (CMHA)	59

Number of samples that matched client expectation

using FTIR/test strip drug checking

EXPECTED DRUG: Opioid 36 Samples Tested Matched: 33 Did Not Match: 3	EXPECTED DRUG: Stimulant 14 Samples Tested Matched: 14	EXPECTED DRUG: Depressant 1 Samples Tested Did Not Match: 1	EXPECTED DRUG: Psychedelic 5 Samples Tested Matched: 3 Did Not Match: 2	EXPECTED DRUG: Other 1 Samples Tested Matched: 1	EXPECTED DRUG: Unknown 2 Samples Tested Match Not Determined: 2
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Total

59 Samples Tested

Matched: 51
Did Not Match: 6
Match Not Determined: 2

Number of opioid samples that matched client expectation

*using FTIR/test strip drug checking

EXPECTED DRUG: Fentanyl 2 Samples Tested Matched: 2	EXPECTED DRUG: Down 34 Samples Tested Matched: 31 Did Not Match: 3
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Total 36 Samples Tested

Matched: 33
Did Not Match: 3

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

Depressant include:
benzodiazepines, etizolam,
GHB, hypnotics

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

Polysubstance includes:
cross-category mixtures

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

Stimulant 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: