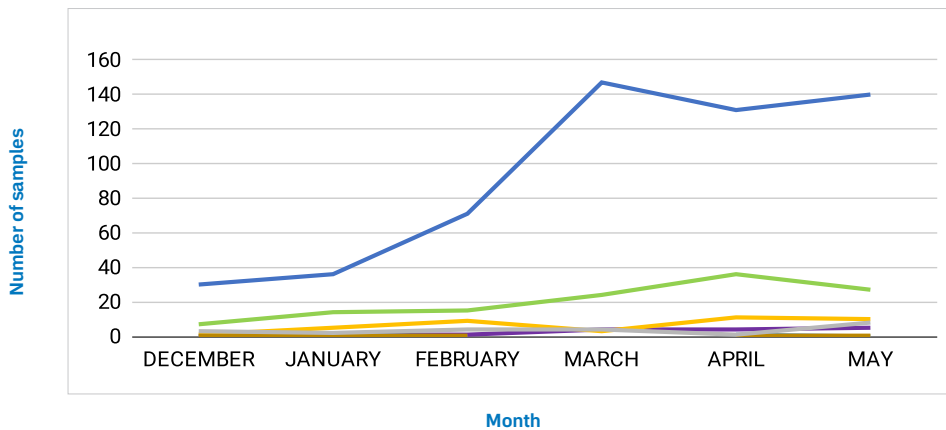


## Key Findings

- In May, a total of 190 drug checks were performed at the Albert Street harm reduction services site, the highest number of checks recorded at this Nanaimo site to date.
- The percentage of opioids testing positive for benzodiazepines increased from 73.3% to 84.3% in May (118 of 140 samples).
- Drug checking services are expanding! Services are now 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](http://substance.uvic.ca).

Number of drug samples checked in the past 6 months



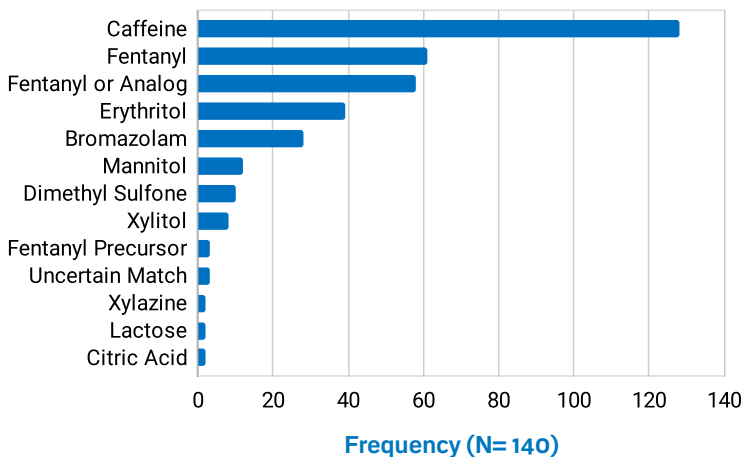
Number of samples by drug category in May

Opioid	140
Stimulant	27
Depressant	5
Psychedelic	10
Other	0
Polysubstance	0
Unknown	8

**TOTAL: 190**

## Components found in drug samples in May

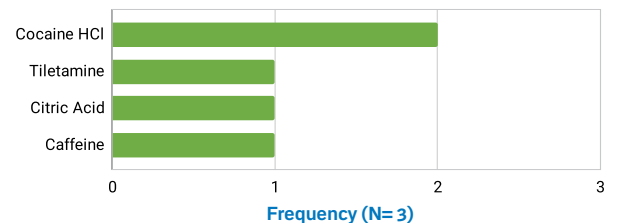
Components in opioids



Frequency (N=140)

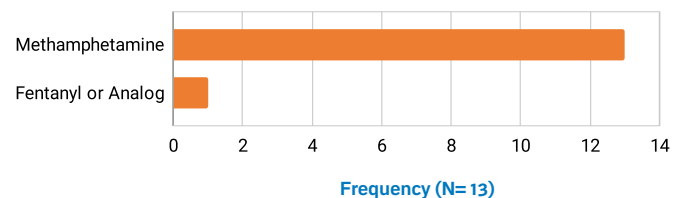
Additional compounds that were detected a single time each have been excluded from this graph, which include: bromazepam, cocaine, no library match, oxazepam, sorbitol, sucrose.

Components in cocaine



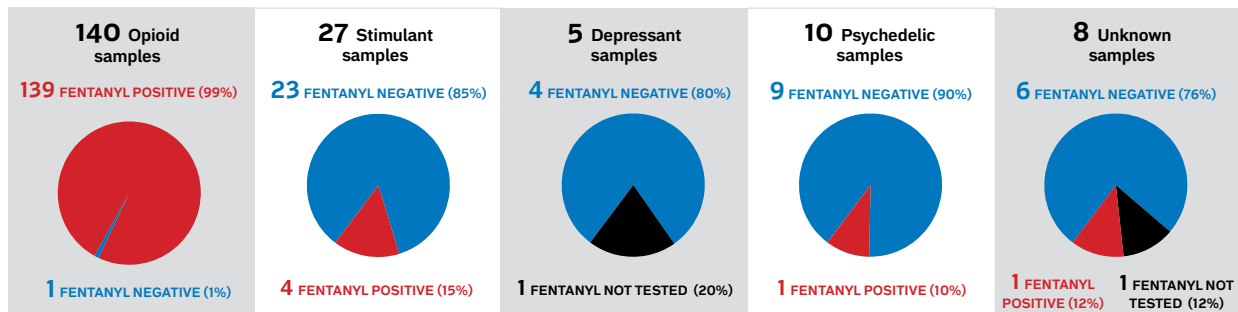
Frequency (N=3)

Components in methamphetamine



Frequency (N=13)

## Number of samples tested with fentanyl present

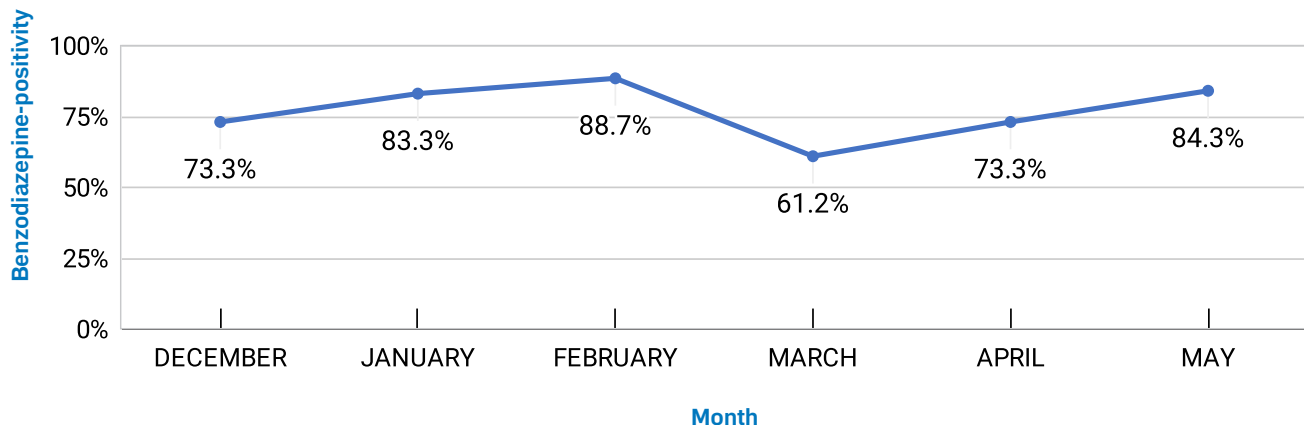


## PUBLIC HEALTH NOTIFICATIONS

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	Alert Message
No alerts from drugs checked at Albert 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 May, **84.3%** of expected opioid samples tested positive for benzodiazepines using test strips in our partner site in Island Health (**118 samples of 140 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
Albert St. OPS (CMHA Nanaimo)	190

## Number of samples that matched client expectation

using FTIR/test strip drug checking

EXPECTED DRUG	Matched	Did Not Match	Match Not Determined	Samples Tested
Opioid	138	1	1	140
Stimulant	25	2		27
Depressant	3	1	1	5
Psychedelic	10			10
Unknown			8	8
<b>Total</b>	<b>176</b>	<b>4</b>	<b>10</b>	<b>190</b>

## Number of opioid samples that matched client expectation

\*using FTIR/test strip drug checking

EXPECTED DRUG	Matched	Did Not Match	Match Not Determined	Samples Tested
Fentanyl	8		1	9
Down	130	1		131
<b>Total</b>	<b>138</b>	<b>1</b>	<b>1</b>	<b>140</b>

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: