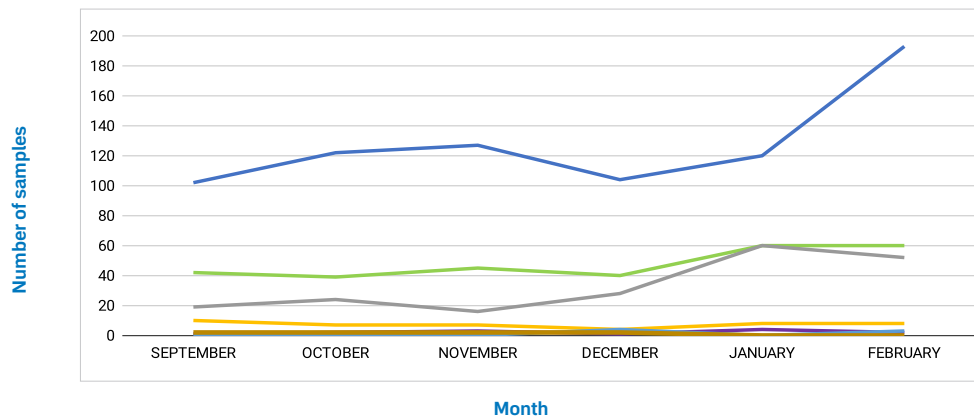


## Key Findings

- In February, a total of 318 drug checks were performed across Fraser Health community partners, the highest number of checks recorded in the region to date. Increases in drug checks primarily occurred in the opioid category.
- The percentage of opioids testing positive for benzodiazepines decreased from 63.3% to 56.5% in February (109 of 193 samples).
- Drug checking services in Fraser Health are rapidly expanding! Services are now available in Burnaby, Chilliwack, Abbotsford, and White Rock. For updated locations and hours, see the [Fraser Health website](#).

## Number of drug samples checked in the past 6 months



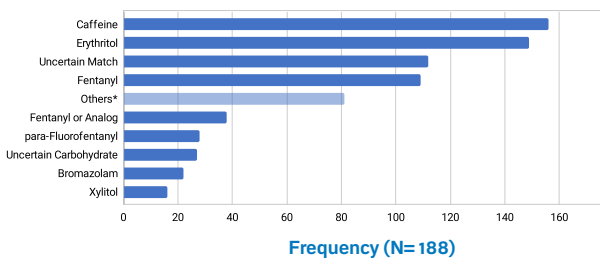
Number of samples by drug category in February

Opioid	193
Stimulant	60
Depressant	2
Psychedelic	8
Other	3
Polysubstance	0
Unknown	52

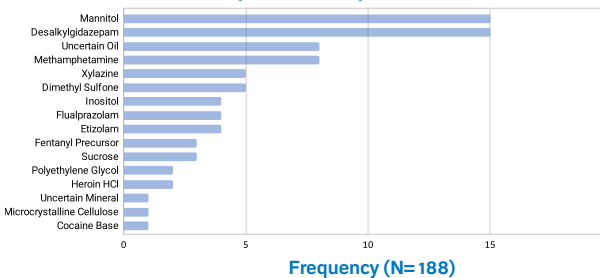
**TOTAL: 318**

## Components found in drug samples in February

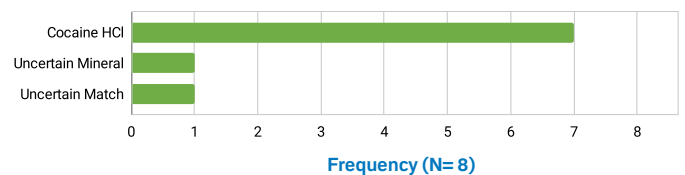
### Components in opioids



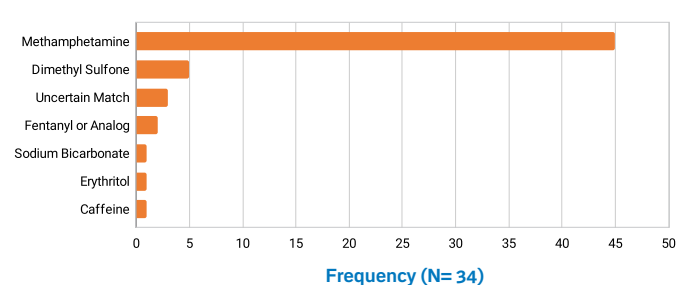
### \*Other Components in opioids



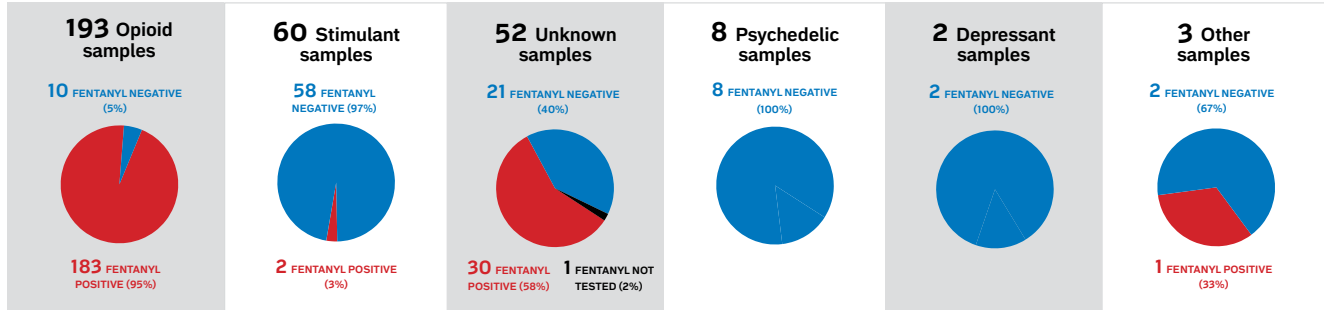
### Components in cocaine



### Components in methamphetamine



## Number of samples tested with fentanyl present

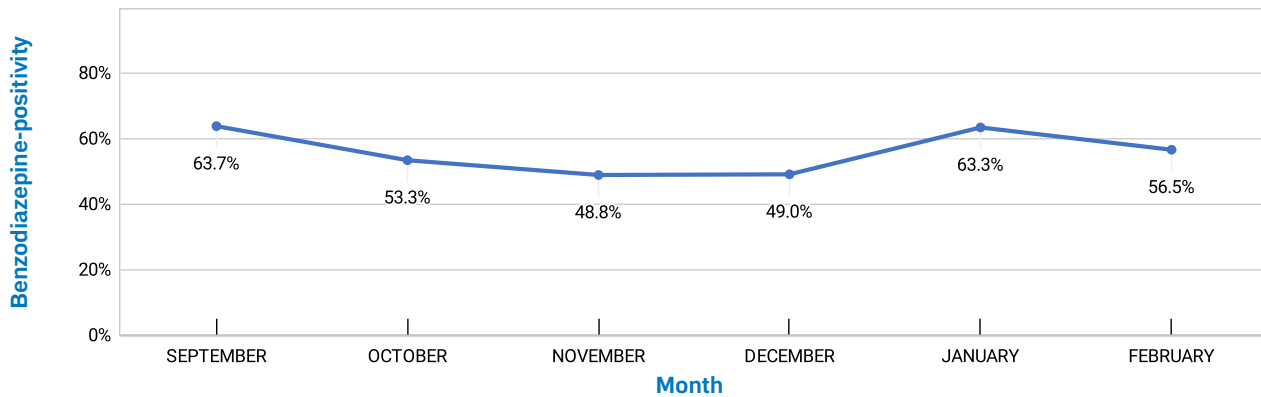


## PUBLIC HEALTH NOTIFICATIONS

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	Area Purchased	Alert Message
No alerts from Fraser Health partners this month						

For information about current substances in the Fraser Health region: [overdose@fraserhealth.ca](mailto:overdose@fraserhealth.ca)

## Percentage of opioids testing positive for benzodiazepines in the past 6 months



During the month of February, **56.5%** of expected opioid samples tested positive for benzodiazepines using test strips in our partner site in Fraser Health (**109 samples of 193 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	Location	# of drug checks
Mountainside (Abbotsford)	66	Purpose Society (Coquitlam)	2
Mountainside (Chilliwack)	71	Purpose Society (Maple Ridge)	8
Mountainside (Hope)	16	Purpose Society (New Westminster)	48
Mountainside (Mission)	25	PeacePoint (White Rock)	9
Progressive Housing (Burnaby)	27	SafePoint (Surrey)	46

## # of samples that matched client expectation using FTIR/test strip drug checking

EXPECTED DRUG:

### Opioid

193 Samples Tested



Matched: 184  
Did not match: 8  
Match not determined: 1

EXPECTED DRUG:

### Stimulant

60 Samples Tested



Matched: 57  
Did not match: 3

EXPECTED DRUG:

### Other

3 Samples Tested



Matched: 2  
Match not determined: 1

EXPECTED DRUG:

### Unknown

52 Samples Tested



Match not determined: 52

EXPECTED DRUG:

### Psychedelic

8 Samples Tested



Matched: 6  
Did not match: 1  
Match not determined: 1

EXPECTED DRUG:

### Depressant

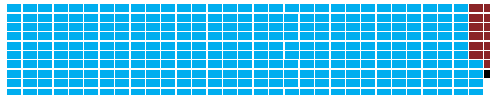
2 Samples Tested



Matched: 2

### Total

318 Samples Tested



Matched: 251  
Did not match: 12  
Match not determined: 3

## Number of opioid samples that matched client expectation using FTIR/test strip drug checking

EXPECTED DRUG:

### Fentanyl

13 Samples Tested



Matched: 12  
Did not match: 1

EXPECTED DRUG:

### Heroin

3 Samples Tested



Matched: 1  
Did not match: 2

EXPECTED DRUG:

### Down

172 Samples Tested



Matched: 168  
Did not match: 4

EXPECTED DRUG:

### Pharmaceutical

5 Samples Tested



Matched: 3  
Did not match: 1  
Match not determined: 1

### Total

193 Samples Tested



Matched: 184  
Did not match: 8  
Match not determined: 1

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: