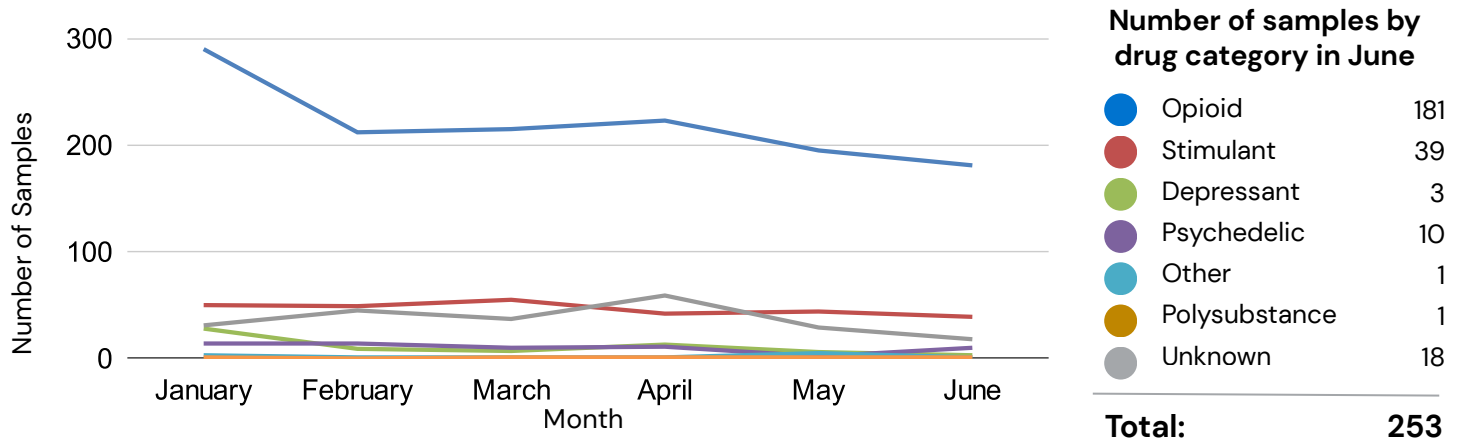




Key findings

- In June, **253** drug checks were performed by services offering FTIR drug checking in the Fraser Health region (**13 access points**).
- Benzodiazepine-positivity has been increasing over the past 3 months. In June, **61.3%** of opioids tested positive for benzodiazepines by FTIR and/or test strip.
- The percentage of unregulated opioids containing benzos in concentrations high enough to be detectable by FTIR (>5%) reached a record high of **52.7%** in June. The most common benzodiazepines were desalkylgidazepam, bromazolam, and nifoxipam.
- Among the subset of opioids sent for secondary testing with Paper-Spray Mass Spectrometry (n=70), xylazine was detected in 23 samples, medetomidine in 8 samples, and carfentanil in 8 samples.

Number of drug samples checked in the past 6 months



Number of drug checks at each site

Location	# of Drugs Checked
Foxglove Housing	70
Mountainside (Abbotsford)	63
Mountainside (Chilliwack)	72
Mountainside (Hope)	7
Mountainside (Langley)	5
Mountainside (Mission)	8
Progressive Housing	7
SafePoint	21
Total	253

Number of samples with expected drug present

Expected Drug	Present	Not Present	N/A	Total
Opioid	169	12	0	181
Stimulant	34	5	0	39
Depressant	3	0	0	3
Psychedelic	10	0	0	10
Other	1	0	0	1
Polysubstance	1	0	0	1
Unknown	0	0	18	18
Total	218	17	18	253

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

Opioids

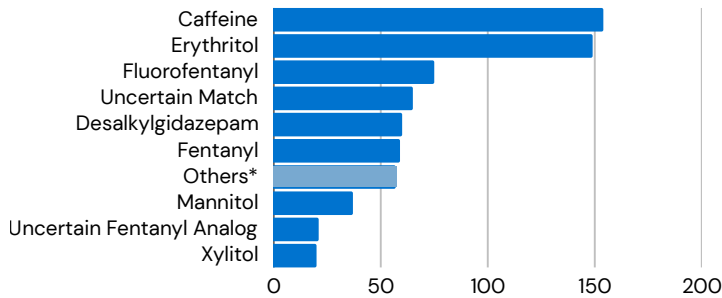
Number of opioid samples with expected drug present

Expected Drug	Present	Not Present	N/A	Total
Fentanyl	12	3	0	15
Heroin	0	2	0	2
Down	148	2	0	150
Pharmaceutical	9	5	0	14
Total	169	12	0	181

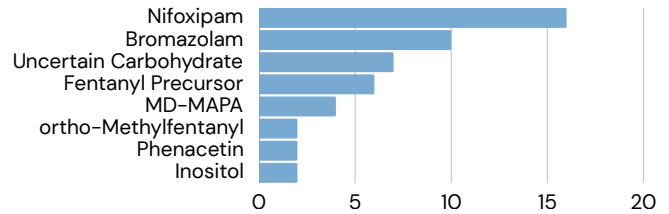
Please note that the presence of the expected substance does not imply purity, as samples frequently contain adulterating cutting agents.
'Down' can refer to any opioid drug present in any amount.

Components detected in unregulated opioids (N=167)

Main components

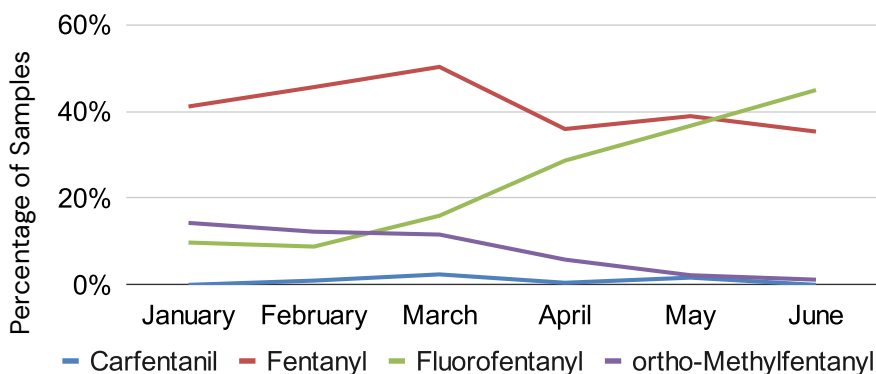


Other components*



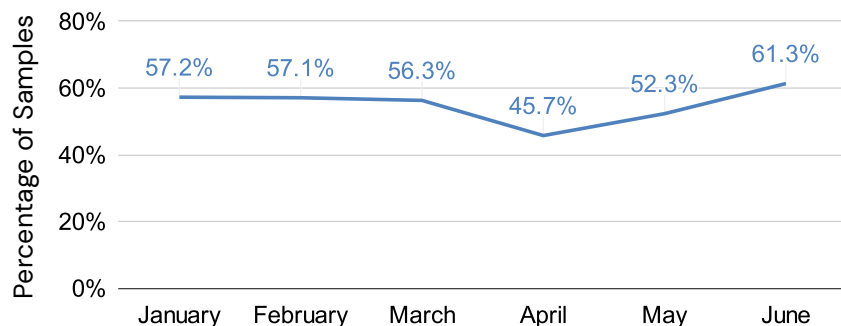
Additional components detected a single time have been omitted from these charts. All sample data can be found on the [BCCSU Drug Sense dashboard](#).

Fentanyl analogs detected in unregulated opioids, past 6 months



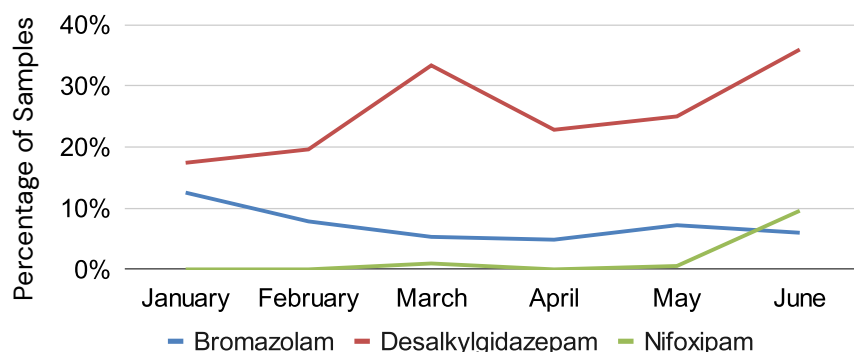
- In June, fluorofentanyl surpassed fentanyl as the most common opioid detected by FTIR, detected in **44.9%** of all unregulated opioids tested (**75 of 167 samples**).
- We note that the true number of samples containing carfentanil is likely higher than what is observed by FTIR, as it is usually contained in concentrations below the detection limit (<5%). Please see the **Secondary Testing** section (page 5) of this report for more information.

Percentage of opioids testing positive for benzodiazepines, past 6 months



- During the month of June, **61.3%** of expected opioid samples tested positive for benzodiazepines in the Fraser Health region (**111 samples of 181 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.

Benzodiazepines detected in unregulated opioids, past 6 months

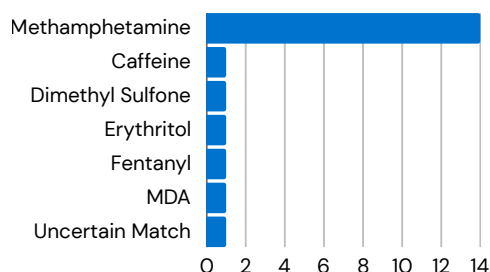


- In June, benzodiazepines were detected by FTIR in **52.7%** of all unregulated opioid samples (**88 of 167 samples**), indicating their presence in higher concentrations (>5%). To-date, this is the the highest proportion of samples found to contain benzos by FTIR.
- Of these, desalkylgizapam was most frequently identified (**60 samples**).
- Notably, nifoxipam, a benzodiazepine that was first observed in February 2025, was detected in 16 samples this month.

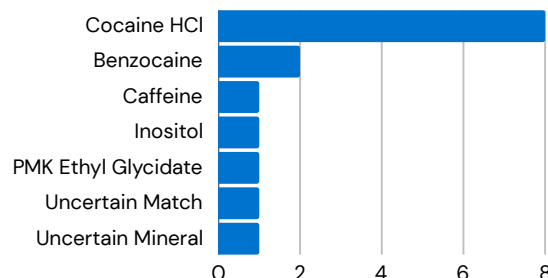
Non-Opioids

Components detected in stimulants

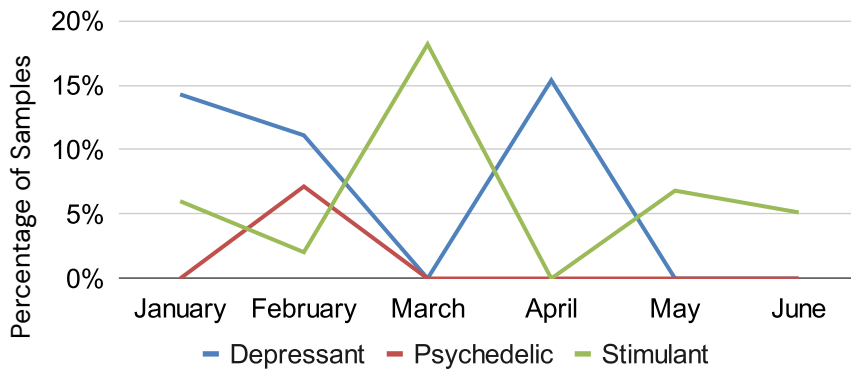
Components in methamphetamine (N=16)



Components in cocaine (N=11)



Fentanyl detected in non-opioids, past 6 months



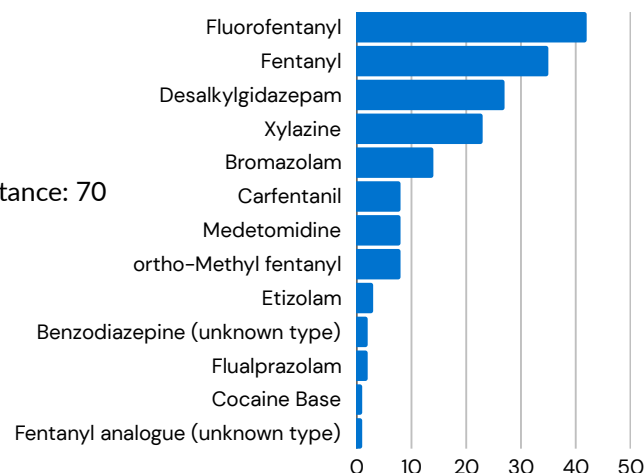
- In June, a total of 2 samples in the stimulant category tested positive for fentanyl by FTIR and/or test strip.

PSMS Secondary Testing Results Summary

A subset of samples were sent for secondary testing provided by Substance at the University of Victoria, using Paper-Spray Mass Spectrometry (PSMS). PSMS is a highly sensitive technology, and can detect components in samples below the detection limit of the FTIR (<5%). Below is a summary of all active components detected in opioid samples sent in confirmatory testing. For more information about Substance please visit their [website](#).

Active Components Detected

Total opioids sent to Substance: 70



Drug Checking in Fraser Health

June 2025

Public Health Notifications

Date & Location	Expected Drug	Spectrometry Results	Fentanyl Strip	Benzo Strip	Alert Message
No alerts for Fraser Health this month.					

To subscribe to the provincial drug alert and response system, text the word JOIN to 253787 (ALERTS).

About this data

Data represented in this report is collected from our partner sites across the province using Fourier Transform Infrared (FTIR) spectrometry in combination with BTNX fentanyl test strips and benzodiazepine test strips when applicable. We note the FTIR spectrometer has a detection limit of approximately 5% concentration (McCrae, 2019).

Depressant includes:
benzodiazepines,
etizolam, GHB, hypnotics

Opioid includes:
"down", heroin, fentanyl
(unregulated opioids), and
pharmaceutical opioids

Polysubstance includes:
cross-category mixtures

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

Stimulant includes:
methamphetamine,
"speed," cocaine and
crack cocaine,
cathinones

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

We gratefully acknowledge the contribution of [our partners](#) to collect this data.

To find drug checking services in your area please visit our [site locator](#).