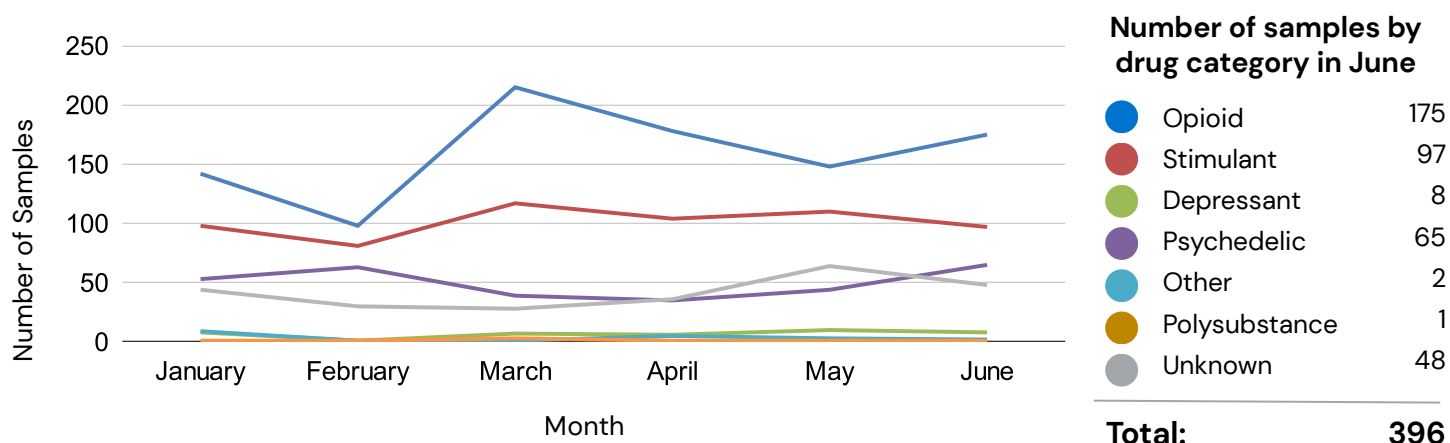




### Key findings

- In June, **396** drug checks were performed by services offering FTIR drug checking in the Interior Health region (**24 access points**).
- Benzodiazepine-positivity has been decreasing over the past 5 months. In June, **52.6%** 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%) was **19.9%** in June. The most common benzodiazepines were desalkylgidazepam, bromazolam, and flubromazolam.
- Among the subset of opioids sent for secondary testing with Paper-Spray Mass Spectrometry (n=24), xylazine was detected in 6 samples, carfentanil in 2 samples, and medetomidine in 1 sample.

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



### Number of drug checks at each site

Location	# of Drugs Checked
ANKORS (Cranbrook)	63
ANKORS (Grand Forks)	17
ANKORS (Nelson)	64
ANKORS (Trail)	6
ASK (Kamloops)	41
ASK Wellness (Kelowna)	64
ASK Wellness (Penticton)	80
ASK Wellness (Deep Roots Music Festival)	6
ASK Wellness (West Kelowna)	9
Medicine Shoppe Pharmacy (Vernon)	46
<b>Total</b>	<b>396</b>

### Number of samples with expected drug present

Expected Drug	Present	Not Present	N/A	Total
Opioid	170	4	1	175
Stimulant	91	5	1	97
Depressant	6	1	1	8
Psychedelic	59	6	0	65
Other	2	0	0	2
Polysubstance	1	0	0	1
Unknown	0	0	48	48
<b>Total</b>	<b>329</b>	<b>16</b>	<b>51</b>	<b>396</b>

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

## Opioids

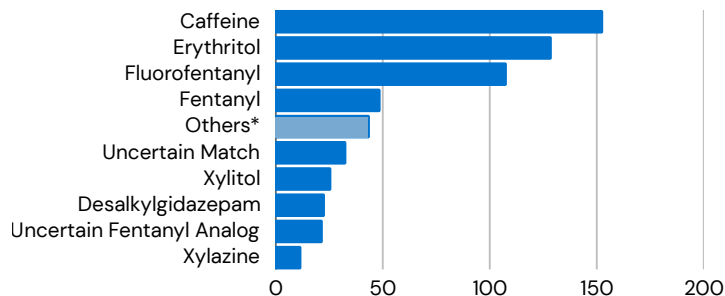
### Number of opioid samples with expected drug present

Expected Drug	Present	Not Present	N/A	Total
Fentanyl	20	0	0	20
Heroin	1	0	0	1
Down	146	3	1	150
Pharmaceutical	1	1	0	2
Opioid	2	0	0	2
<b>Total</b>	<b>170</b>	<b>4</b>	<b>1</b>	<b>175</b>

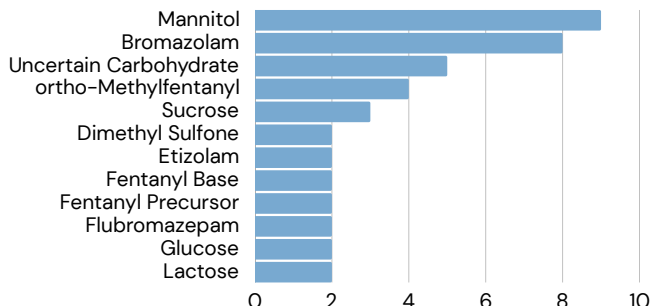
Please note that the presence of the expected substance does not imply purity, as samples frequently contain adulterating cutting agents.  
'Down' can refer to any opioid drug present in any amount.

## Components detected in unregulated opioids (N=167)

### Main components

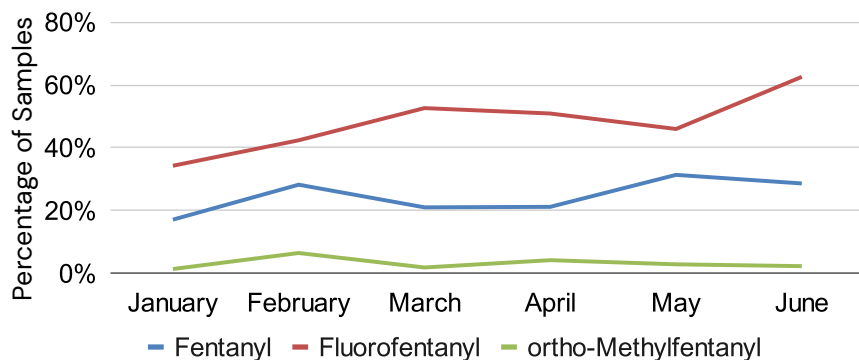


### Other components\*



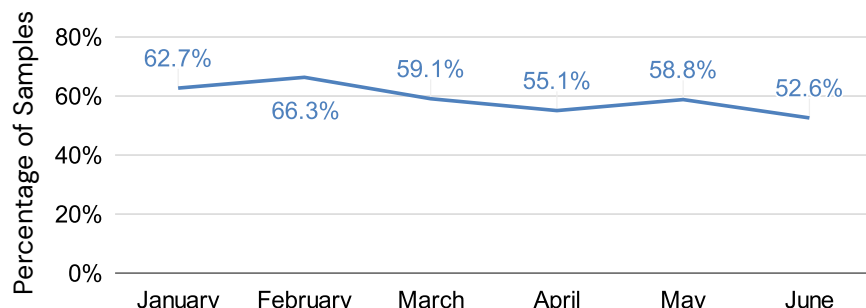
Additional components detected a single time have been omitted from these charts. All sample data can be found on the [BCCSU Drug Sense dashboard](#).

## Fentanyl analogs detected in unregulated opioids, past 6 months



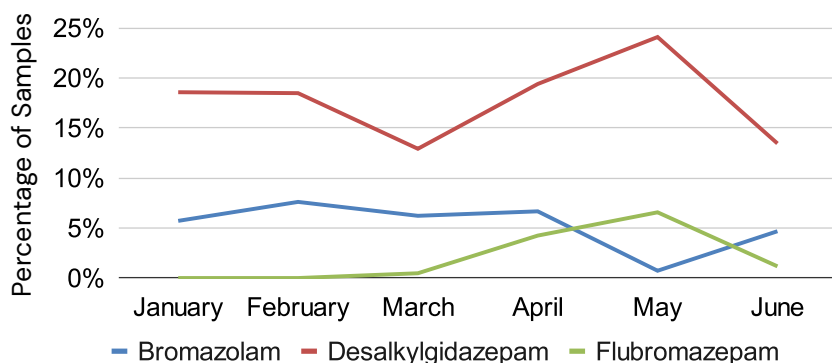
- In June, fluorofentanyl was detected in **62.2%** of all unregulated opioids tested (**108 of 171 samples**), the highest proportion of samples containing fluorofentanyl to-date.
- We note that carfentanil was detected in **1 sample** by FTIR. The true number of samples containing carfentanil is likely 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, **52.6%** of expected opioid samples tested positive for benzodiazepines in the Fraser Health region (**92 samples of 175 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

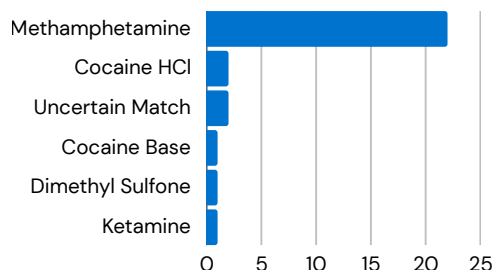


- In June, **19.9%** of all unregulated opioid samples (**34 of 171**) contained benzodiazepines in concentrations high enough to be detectable by FTIR (>5%).
- Of these, desalkylgidazepam was most frequently identified (**23 samples**).

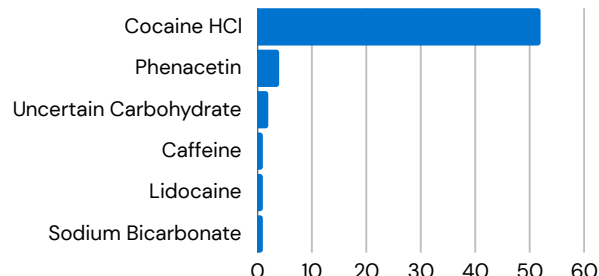
## Non-Opioids

### Components detected in stimulants

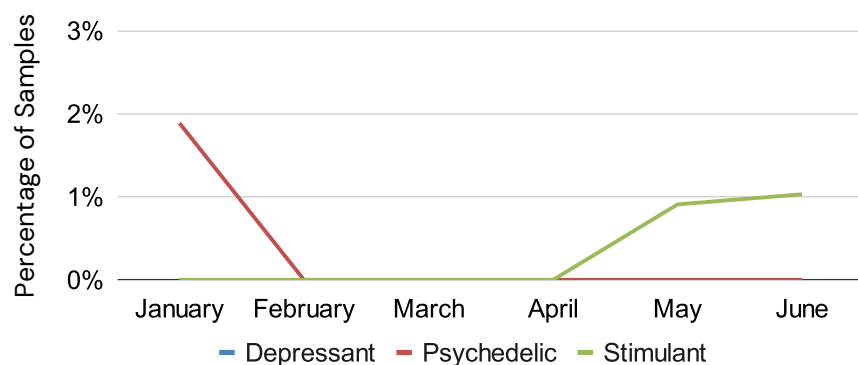
#### Components in methamphetamine (N=26)



#### Components in cocaine (N=53)



## Fentanyl detected in non-opioids, past 6 months

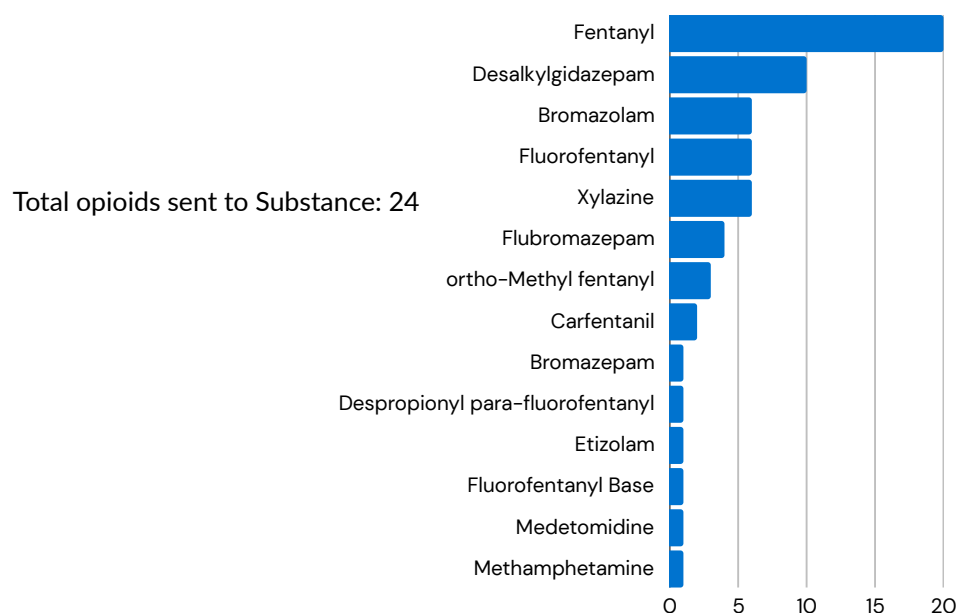


- In June, a total of 1 sample in the stimulant category tested positive for fentanyl by FTIR and/or test strip.

## 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



### Public Health Notifications

Date & Location	Expected Drug	Spectrometry Results	Fentanyl Strip	Benzo Strip	Alert Message
June 13, 2025 Nelson	Down	Carfentanil, Desalkylgidazepam, Bromazolam, Xylazine*	N/A	N/A	Light Pink Pebbles sold as Down tested positive for Carfentanil, Desalkylgidazepam, Bromazolam, Xylazine in Nelson. This drug contains the equivalent of up to a 75% concentration of fentanyl.

All spectrometry results are determined by FTIR, with the exception of the following:  
 \* Results provided by complementary testing partner [Substance](#) using Paper Spray Mass Spectrometry

Health authorities and community organizations issue further toxic drug alerts from sources other than drug checking.  
 See their respective websites or social media accounts for more alerts.

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](#).