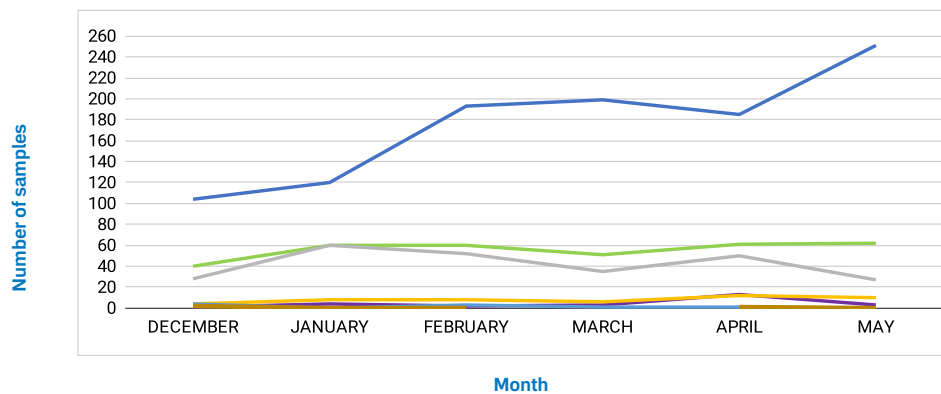


Key Findings

- In May, a total of 353 drug checks were performed across the Fraser Health region, the highest number of checks recorded in the region to date.
- The percentage of opioids testing positive for benzodiazepines decreased from 61.6% to 56.6% in May (142 of 251 samples).
- Drug checking services in Fraser Health are expanding! Services are now available in Abbotsford, Burnaby, Chilliwack, Hope, Maple Ridge, Mission, New Westminster, Surrey, and White Rock. For updated locations and hours, see the [Fraser Health website](#).

Number of drug samples checked in the past 6 months



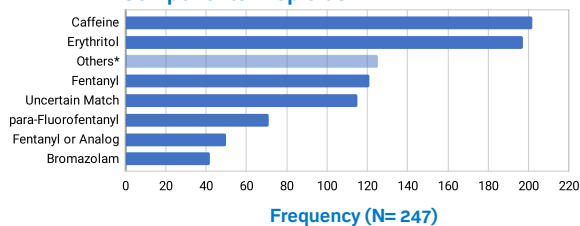
Number of samples by drug category in May

Opioid	251
Stimulant	62
Depressant	3
Psychedelic	10
Other	0
Polysubstance	0
Unknown	27

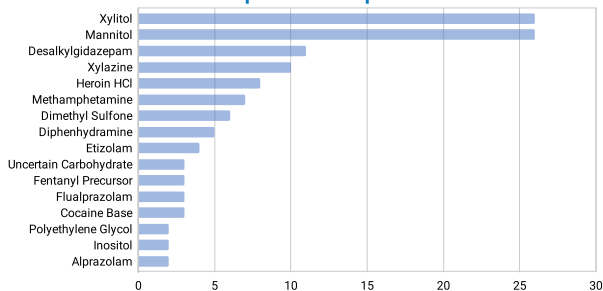
TOTAL: 353

Components found in drug samples in May

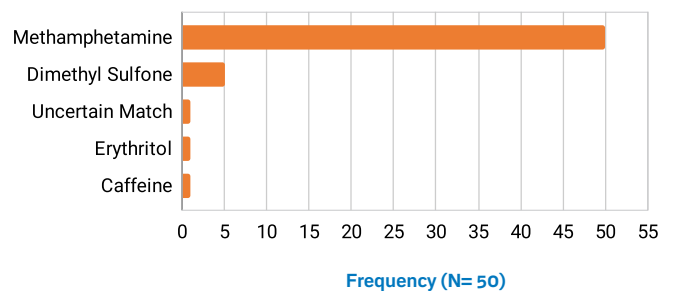
Components in opioids



*Other Components in opioids

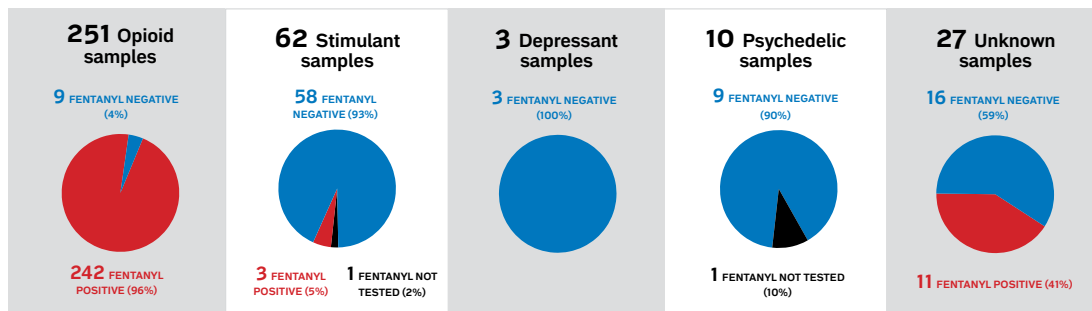


Components in methamphetamine



Additional compounds that were detected a single time each have been excluded from this graph, which include: magnesium sulfate, phenacetin, polypropylene, uncertain oil.

Number of samples tested with fentanyl present

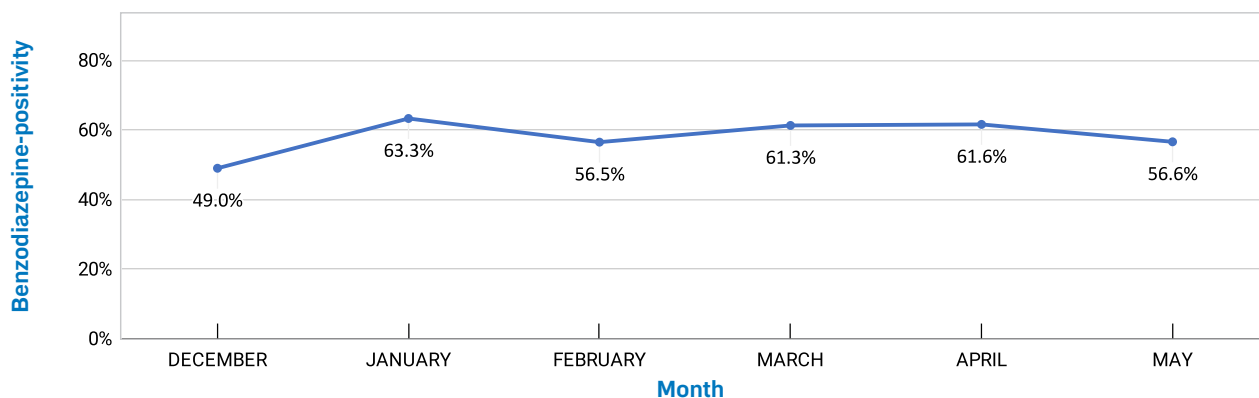


PUBLIC HEALTH NOTIFICATIONS

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

For information about current substances in the Fraser Health region: overdose@fraserhealth.ca

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



During the month of May, **56.6%** of expected opioid samples tested positive for benzodiazepines using test strips in our partner site in Fraser Health (**142 samples of 251 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)	53	PeacePoint (White Rock)	14
Mountainside (Chilliwack)	104	Foxglove Housing (Surrey)	83
Mountainside (Hope)	5	SafePoint (Surrey)	56
Purpose Society (New Westminster)	30	Total	353

Less than 5 samples were tested at each of the following locations, which are included in the total: Mountainside (Mission), Progressive Housing (Burnaby), Purpose Society (Maple Ridge).

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

EXPECTED DRUG	Matched	Did Not Match	Match Not Determined	Samples Tested
Opioid	246	5		251
Stimulant	62			62
Depressant	2	1		3
Psychedelic	7	2	1	10
Unknown			27	27
Total	317	8	28	353

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	12			12
Heroin	2	1		3
Down	228	4		232
Pharmaceutical	4			4
Total	246	5		251

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: