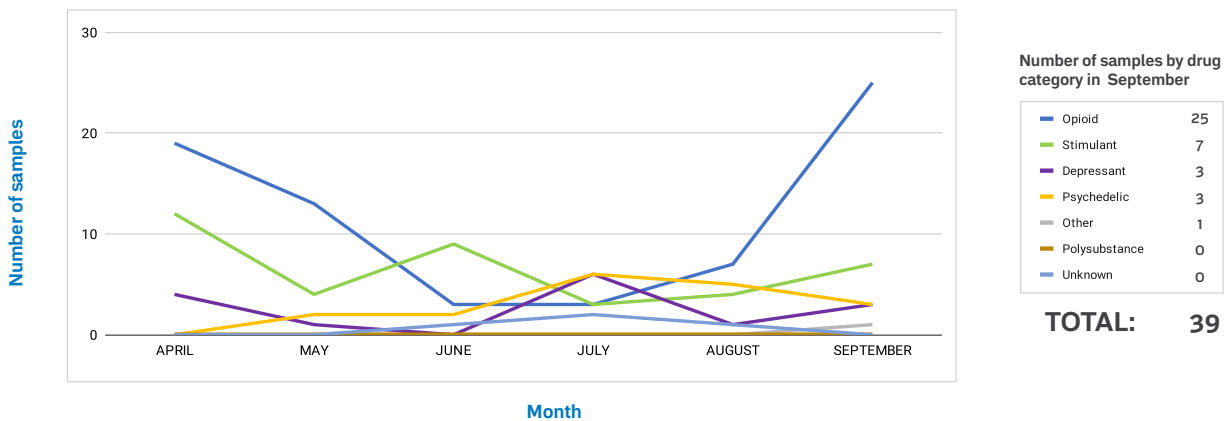


Key Findings

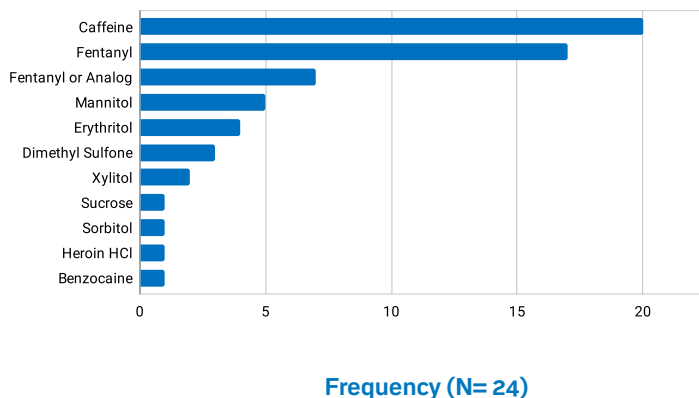
- The percentage of opioids testing positive for benzodiazepines decreased from 57.1% last month to 44.0% in September (11 of 25 samples). Trends may be hard to infer due to the small number of samples. The true rate may be higher than reported here because benzodiazepines, and benzodiazepine-like substances like etizolam, may be missed by drug checking technologies.
- There was an increase in total drug checks this month (39), predominately in the category of opioids.
- Drug checking services are available Thursdays and Fridays from 11:30am–3:30pm at 437 Wesley 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 information about drug checking sample results in the Island health region, please visit substance.uvic.ca.

Number of drug samples checked in the past 6 months

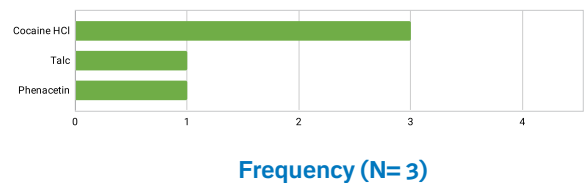


Components found in drug samples in September

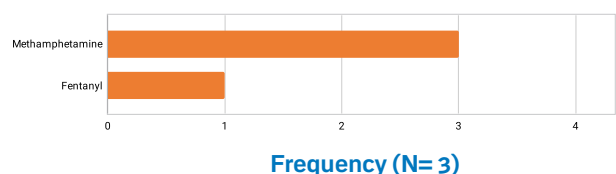
Components in opioids



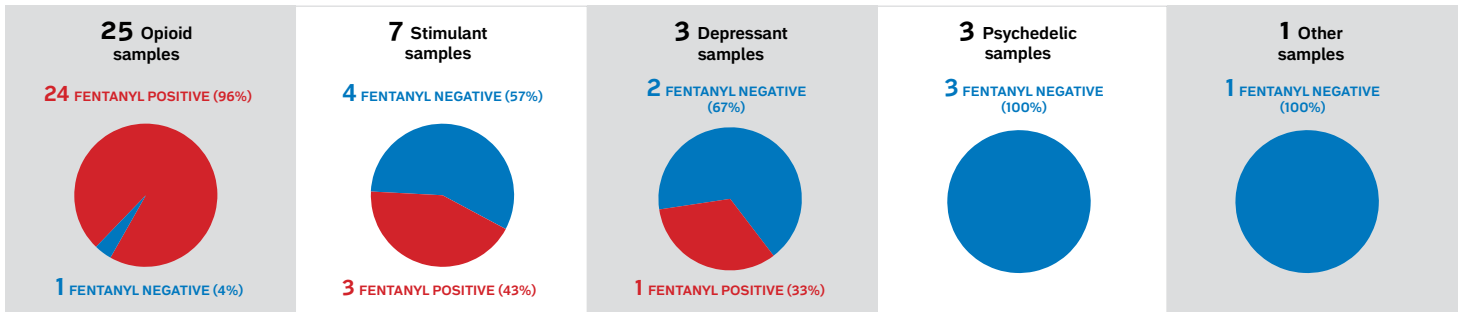
Components in cocaine



Components in methamphetamine



Number of samples tested with fentanyl present

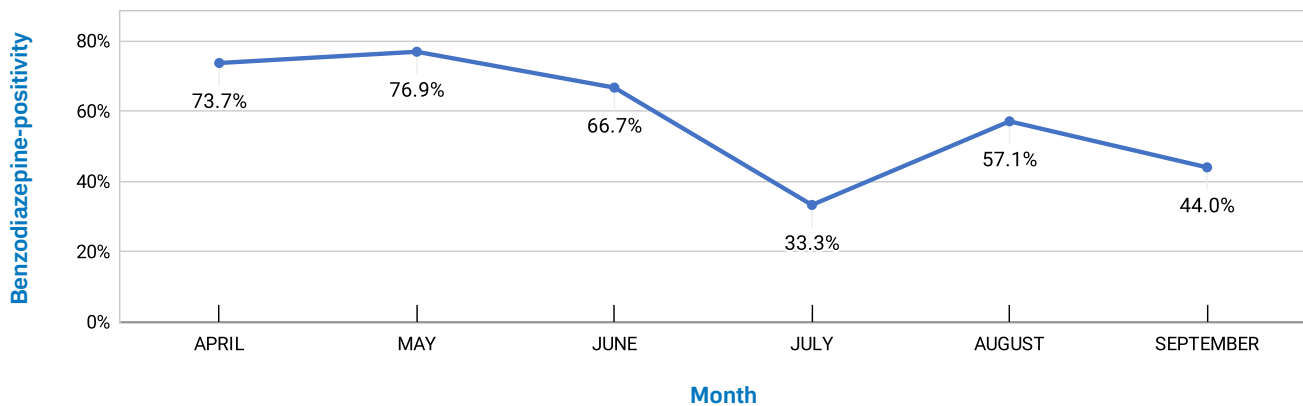


PUBLIC HEALTH NOTIFICATIONS

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	Alert Message
No alerts from drugs checked at Wesley 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 September, **44.0%** of expected opioid samples tested positive for benzodiazepines using test strips in our partner site in Island Health (**11 samples of 25 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
Wesley Street OPS (CMHA)	39






Number of samples that matched client expectation

using FTIR/test strip drug checking

EXPECTED DRUG:	EXPECTED DRUG:	EXPECTED DRUG:	EXPECTED DRUG:	EXPECTED DRUG:
Opioid 25 Samples Tested  Matched: 22 Did not match: 2 Match Not Determined: 1	Stimulant 7 Samples Tested  Matched: 7	Depressant 3 Samples Tested  Matched: 3	Other 1 Samples Tested  Matched: 1	Psychedelic 3 Samples Tested  Matched: 3
Total 39 Samples Tested  Matched: 36 Did not match: 2 Match Not Determined: 1				

Number of opioid samples that matched client expectation

*using FTIR/test strip drug checking

EXPECTED DRUG:	EXPECTED DRUG:	EXPECTED DRUG:	EXPECTED DRUG:
Fentanyl 16 Samples Tested  Matched: 16	Heroin 3 Samples Tested  Matched: 1 Did not match: 2	Down 5 Samples Tested  Matched: 5	Pharmaceutical 1 Samples Tested  Match Not Determined: 1
Total 25 Samples Tested  Matched: 22 Did not match: 2 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 September include: benzodiazepines, etizolam, GHB, hypnotics

Opioid September include: "down," heroin, fentanyl, pharmaceutical opioids

Polysubstance includes: cross-category mixtures

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

Stimulant September 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: