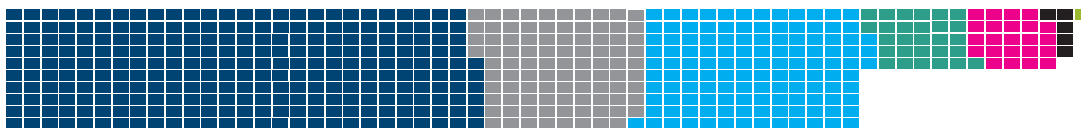


of Samples Tested by Expected Drug Category:

535 Samples Tested *

Opioid: 266 / Stimulant: 93 / Psychedelic: 124 / Unknown: 28 / Depressant: 18 / Other: 5 / Polysubstance: 1



Common Components, Cuts and Buffs

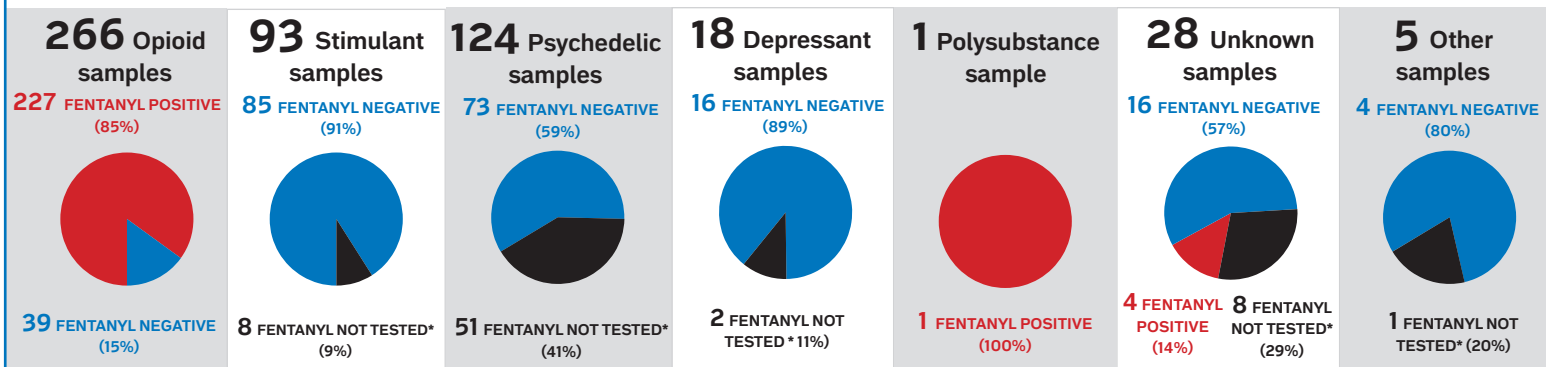
UP

SIDE

DOWN



of samples tested for fentanyl



Public Health Notifications

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	What does this mean?
26 February 2020- Insite, Vancouver	Down	Caffeine, sugars, Fentanyl or analogue	Positive	Positive	Benzos can cause prolonged ODs
26 February 2020- Insite, Vancouver	Down	Caffeine, Mannitol and inositol (sugars), Fentanyl HCl	Positive	Positive	Check for benzos in your drugs at any OPS/SCS
21 February 2020 - OPS, Vancouver	Down	Caffeine, Erythritol (sugar)	Positive	Positive	Test your drugs for fentanyl at any local OPS or SCS
14 February 2020- OPS, Vancouver	Down	Caffeine, Mannitol, Fentanyl or analogue	Positive	Positive	Use at an OPS or SCS
7 February 2020- OPS, Vancouver	Down	Caffeine, Mannitol, Fentanyl or analogue	Positive	Positive	Benzo-complicated ODs can recur after Naloxone
6 February 2020- OPS, Vancouver	Fentanyl	Caffeine, Mannitol, Fentanyl	Positive	Positive	Test your drugs!

6.1% of expected opioid samples tested positive for benzodiazepines in the Vancouver Coastal Region region

To receive drug contamination alerts, text "alert" to (236) 999-DOPE (3673)

This report summarizes key indicators for Fourier Transform Infrared (FTIR)/fentanyl test strip combination drug checking done in Vancouver Coastal Health in February 2020. As there is 5% fentanyl detection limit on the Bruker ALPHA Fourier-Transform Infrared (FTIR) spectrometer (McCrae, 2019), 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 or lysergic acid diethylamide (LSD) immunoassay test strips are also used.

Benzodiazepine-positivity of opioid samples are determined using BTNX benzodiazepine test strips, which have not been formally evaluated for drug checking. Therefore, the results presented above are presumptive and tentative until confirmed by a laboratory.

* "Fentanyl not tested" means that a fentanyl test strip wasn't done for the sample because the client declined to do the test, or they left before the test was able to be completed.


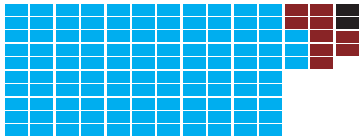
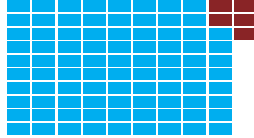


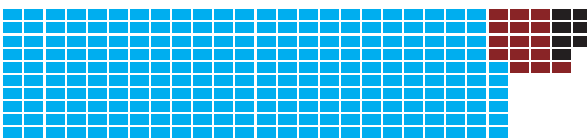

* Please note that reports now include sample data collected at the Get Your Drugs Tested site located in Vancouver and that data are not finalized and are subject to change.

of drugs checks and hours at each respective site:

Location	# of Drug Checks	Hours
Insite	20	6
Molson OPS	28	9
Overdose Prevention Society OPS	43	14
St. Paul's OPS	14	7
Dr. Peter Centre	11	4
Get Your Drugs Tested	419	232
Total	535	272

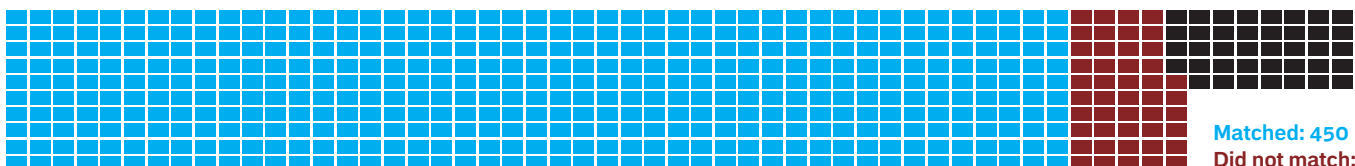
of samples that matched client expectation

**using FTIR/test strip drug checking*

<p>EXPECTED DRUG: Depressant 18 Samples Tested</p>  <p>Matched: 10 Did not match: 8</p>	<p>EXPECTED DRUG: Psychedelic 124 Samples Tested</p>  <p>Matched: 113 Did not match: 9 Match not determined: 2</p>	<p>EXPECTED DRUG: Stimulant 93 Samples Tested</p>  <p>Matched: 88 Did not match: 5</p>	<p>EXPECTED DRUG: Polysubstance 1 Sample Tested</p>  <p>Matched: 1</p>
<p>EXPECTED DRUG: Unknown 28 Samples Tested</p>  <p>Match not determined: 28</p>	<p>EXPECTED DRUG: Opioid 266 Samples Tested</p>  <p>Matched: 236 Did not match: 23 Match not determined: 7</p>	<p>EXPECTED DRUG: Other 5 Samples Tested</p>  <p>Matched: 2 Did not match: 1 Match not determined: 2</p>	

Total

535 Samples Tested

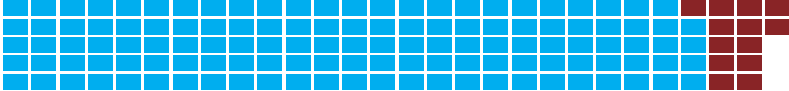



Matched: 450
Did not match: 46
Match not determined: 39

of opioid samples that matched client expectation

**using FTIR/test strip drug checking*

<p>EXPECTED DRUG: Heroin 9 Samples Tested</p>  <p>Matched: 8 Did not match: 1</p>	<p>EXPECTED DRUG: Down 104 Samples Tested</p>  <p>Matched: 97 Did not match: 7</p>	<p>EXPECTED DRUG: Fentanyl and Heroin 2 Samples Tested</p>  <p>Matched: 2</p>	<p>EXPECTED DRUG: Pharmaceutical 14 Samples Tested</p>  <p>Matched: 5 Did not match: 2 Match not determined: 7</p>
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<p>EXPECTED DRUG: Fentanyl 137 Samples Tested</p>  <p>Matched: 124 Did not match: 13</p>

<p>Total 266 Samples Tested</p>  <p>Matched: 236 Did not match: 23 Match not determined: 7</p>
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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

- | | | | | | |
|--|---|--|---|--|--|
| <p>Depressant may include:
benzodiazepines,
GHB, zopiclone</p> | <p>Opioid may include:
"down," heroin, fentanyl,
fentanyl analogues,
pharmaceutical opioids</p> | <p>Polysubstance includes:
cross-category mixtures</p> | <p>Psychedelic may include:
2C-family, tryptamines,
ketamine, MDMA,
LSD, cannabis</p> | <p>Stimulant may include:
"speed", crystal meth,
cocaine, cathinones</p> | <p>Unknown includes:
all samples in which the
client could not identify the
expected substance</p> |
|--|---|--|---|--|--|

BCCSU and VCH gratefully acknowledge the contributions of the following partners:

Portland Hotel Society | Insite | Molson Overdose Prevention Site | SisterSpace | Overdose Prevention Society
St. Paul's Overdose Prevention Site | Powell Street Getaway | Three Bridges

