

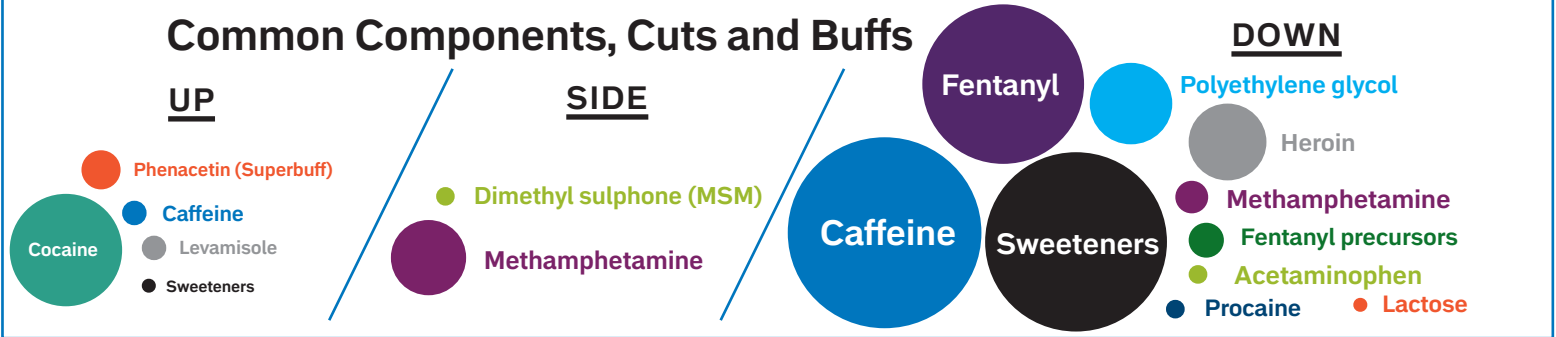
of Samples Tested by Expected Drug Category:

588 Samples Tested *

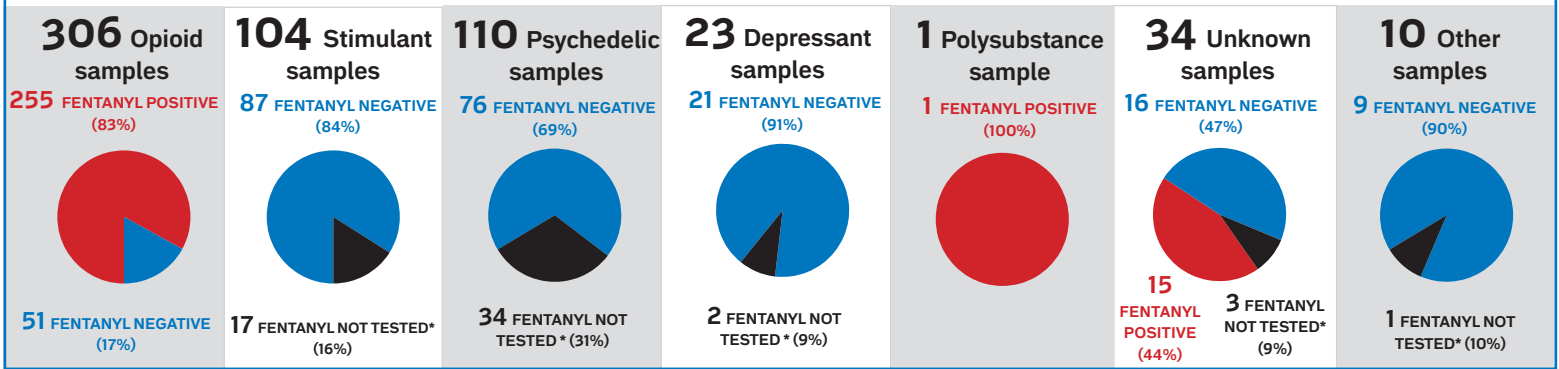
Opioid: 306 / Stimulant: 104 / Psychedelic: 110 / Unknown: 34 / Depressant: 23 / Other: 10 / Polysubstance: 1



Common Components, Cuts and Buffs



of samples tested for fentanyl



Public Health Notifications

| Date & Location | Expected Drug | Drugs Detected | Fentanyl Strip | Benzo Strip | What does this mean? |
|---|-----------------|--|----------------|-------------|--|
| 22 January 2020- Insite, Vancouver | Down (fentanyl) | Caffeine, sugar, polyethylene glycol | Positive | Positive | Combining depressants can increase risk of overdose-may cause extended blackouts |
| 22 January 2020- Insite, Vancouver | Down (fentanyl) | Caffeine, sugar, polyethylene glycol | Positive | Positive | Benzos can cause prolonged ODs |
| 23 January 2020 - OPS, Vancouver | Down | Caffeine, sugar | Positive | Positive | Test your drugs for fentanyl at any local OPS or SCS |
| 29- January 2020- Insite, Vancouver | Down (fentanyl) | Caffeine, fentanyl or analogue (5-10%) | Positive | Positive | Use at an OPS or SCS |
| 29-January 2020- Get Your Drugs Tested, Vancouver | Down | Caffeine, sugars, Polyethylene glycol and fentanyl | Positive | Positive | Benzo-complicated ODs can recur after Naloxone |

6.2% 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 January 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.


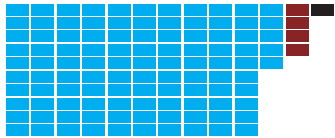
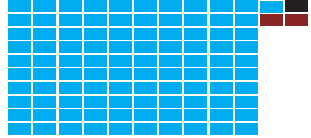

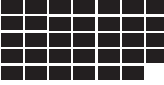
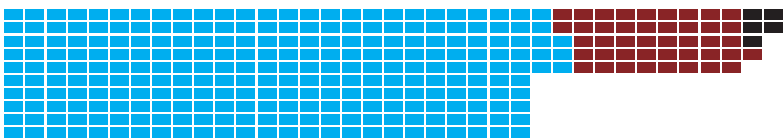

* Please note that reports now include sample data collected at the Get Your Drugs Tested site located in Vancouver and that data are not finalized and are subject to change.

of drugs checks and hours at each respective site:

| Location | # of Drug Checks | Hours |
|---------------------------------|------------------|------------|
| Insite | 62 | 15 |
| Molson OPS | 37 | 10 |
| Overdose Prevention Society OPS | 15 | 9 |
| St. Paul's OPS | 4 | 6 |
| Get Your Drugs Tested | 470 | 248 |
| Total | 588 | 288 |

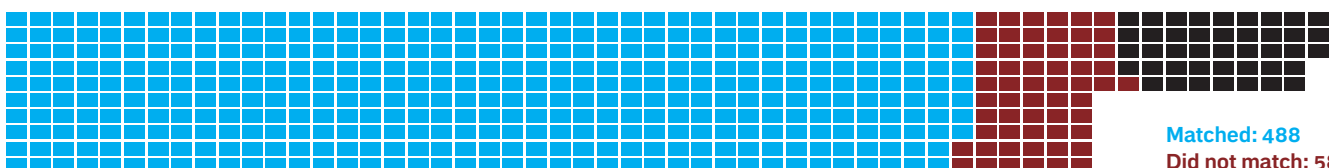
of samples that matched client expectation

**using FTIR/test strip drug checking*

| | | | |
|--|--|---|--|
| <p>EXPECTED DRUG: Depressant 23 Samples Tested</p>  <p>Matched: 16 Did not match: 6 Match not determined: 1</p> | <p>EXPECTED DRUG: Psychedelic 110 Samples Tested</p>  <p>Matched: 105 Did not match: 4 Match not determined: 1</p> | <p>EXPECTED DRUG: Stimulant 104 Samples Tested</p>  <p>Matched: 101 Did not match: 2 Match not determined: 1</p> | <p>EXPECTED DRUG: Polysubstance 1 Sample Tested</p>  <p>Matched: 1</p> |
| <p>EXPECTED DRUG: Unknown 34 Samples Tested</p>  <p>Match not determined: 34</p> | <p>EXPECTED DRUG: Opioid 306 Samples Tested</p>  <p>Matched: 258 Did not match: 43 Match not determined: 5</p> | <p>EXPECTED DRUG: Other 10 Samples Tested</p>  <p>Matched: 7 Did not match: 3</p> | |

Total


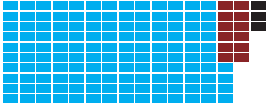


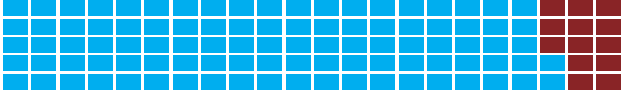

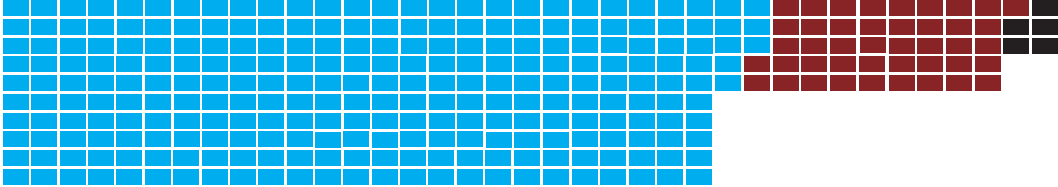
588 Samples Tested



Matched: 488
Did not match: 58
Match not determined: 42

of opioid samples that matched client expectation

**using FTIR/test strip drug checking*

| | | | |
|--|--|--|---|
| <p>EXPECTED DRUG: Heroin 28 Samples Tested</p>  <p>Matched: 13 Did not match: 14 Match not determined: 1</p> | <p>EXPECTED DRUG: Down 149 Samples Tested</p>  <p>Matched: 134 Did not match: 12 Match not determined: 3</p> | <p>EXPECTED DRUG: Fentanyl Analogue 2 Samples Tested</p>  <p>Matched: 2</p> | <p>EXPECTED DRUG: Pharmaceutical 9 Samples Tested</p>  <p>Matched: 6 Did not match: 2 Match not determined: 1</p> |
| <p>EXPECTED DRUG: Fentanyl 110 Samples Tested</p>  <p>Matched: 97 Did not match: 13</p> | | <p>EXPECTED DRUG: Fentanyl and Heroin 8 Samples Tested</p>  <p>Matched: 6 Did not match: 2</p> | |
| <p>Total 306 Samples Tested</p>  <p>Matched: 258 Did not match: 43 Match not determined: 5</p> | | | |

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

Depressant may include:
benzodiazepines,
GHB, zopiclone

Opioid may include:
"down," heroin, fentanyl,
fentanyl analogues,
pharmaceutical opioids

Polysubstance includes:
cross-category mixtures

Psychedelic may include:
2C-family, tryptamines,
ketamine, MDMA,
LSD, cannabis

Stimulant may include:
"speed", crystal meth,
cocaine, cathinones

Unknown includes:
all samples in which the
client could not identify the
expected substance

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

