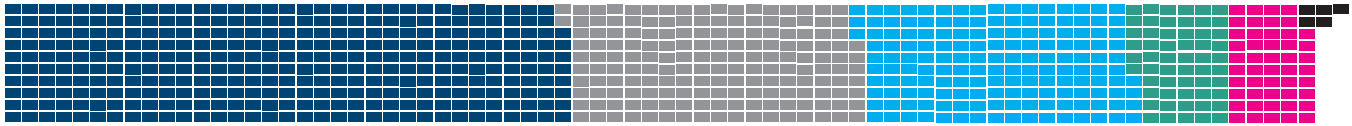


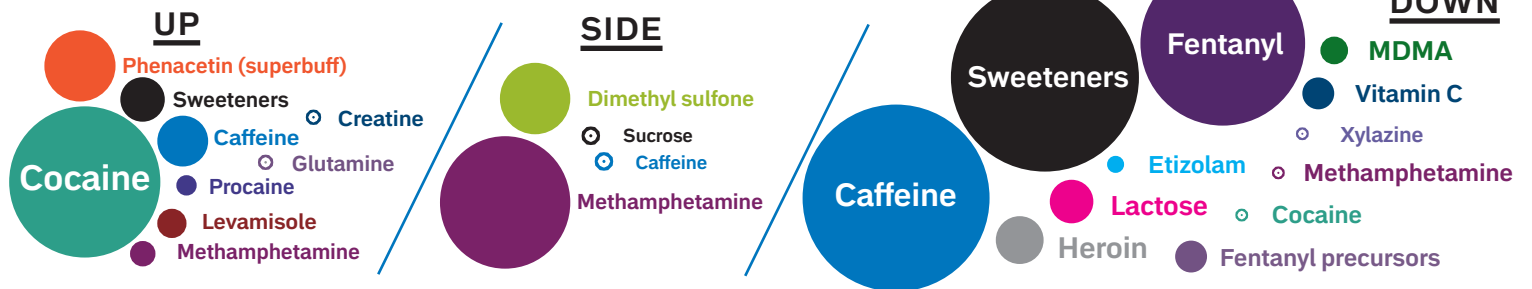
## # of Samples Tested by Expected Drug Category:

763 Samples Tested

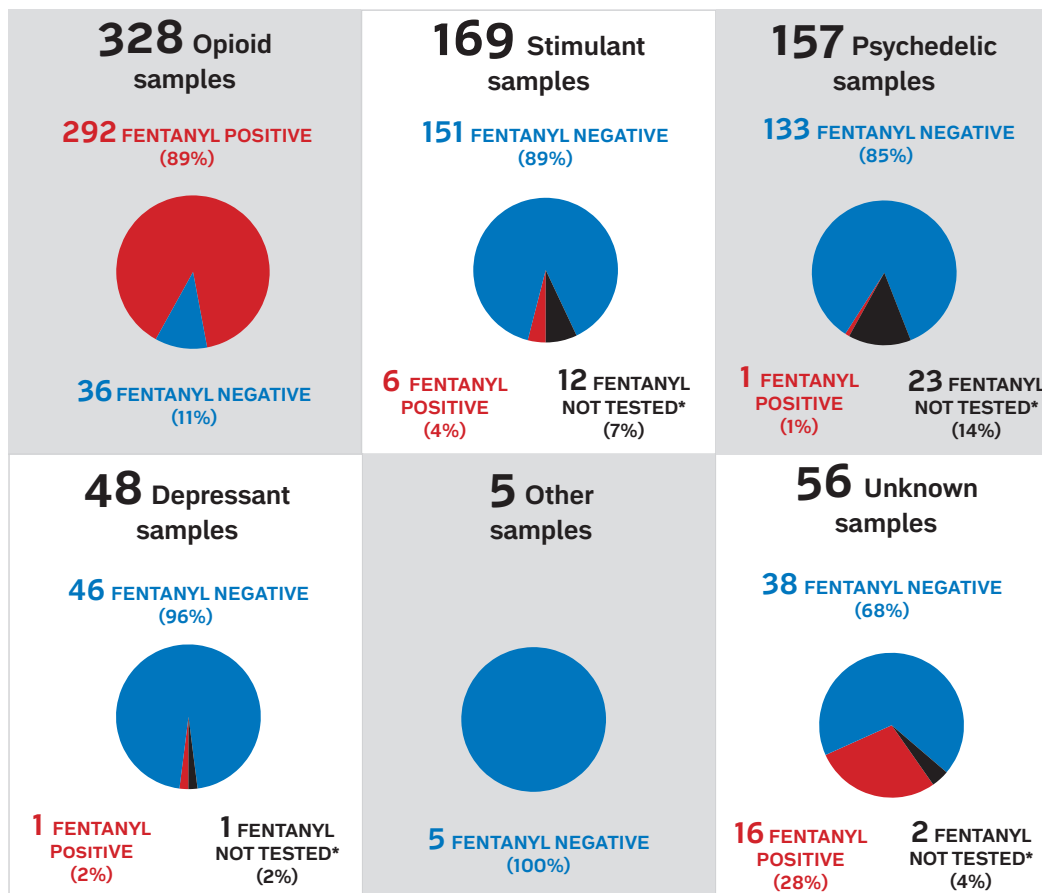
Opioid: 328 / Stimulant: 169 / Psychedelic: 157 / Unknown: 56 / Depressant: 48 / Other: 5 / Polysubstance: 0



## Common Components, Cuts and Buffs



## # of samples tested for fentanyl





## PUBLIC HEALTH NOTIFICATIONS

| Date & Location                                   | Expected Drug   | Drugs Detected  | Fentanyl Strip | Benzo Strip | Area Purchased | What does this mean?  |
|---|-----------------|---|----------------|-------------|----------------|---|
| 15 July 2020- Overdose Prevention Site, Vancouver | Unknown         | Methylamine HCl   | Negative       | N/A         | DTES           | Methylamine causes irritation and burning when used; there are no other known health issues related.<br><br>Check your drugs at any OPS or SCS for any unexpected substances! |
| 14 July 2020- Get Your Drugs Tested, Vancouver    | Methamphetamine | Methamphetamine, methylamine HCl                            | Negative       | N/A         | DTES           |   |
| 14 July 2020- Get Your rugs Tested, Vancouver     | Methamphetamine | Methamphetamine, dimethyl sulfone, methylamine HCl          | Negative       | N/A         | DTES           |   |
| 14 July 2020- Get Your Drugs Tested, Vancouver    | Methamphetamine | Methylamine HCl   | Negative       | N/A         | DTES           |   |
| 14 July 2020- Get Your Drugs Tested, Vancouver    | Methamphetamine | Methylamine HCl   | Negative       | N/A         | DTES           |   |
| 14 July 2020- Get Your Drugs Tested, Vancouver    | Methamphetamine | Methylamine HCl   | Negative       | N/A         | DTES           |   |
| 12 July 2020- Get Your Drugs Tested, Vancouver    | Down            | Mannitol (sweetener), caffeine, fentanyl HCl                | N/A            | Positive    | DTES           | Combining benzos and opioids can make OD symptoms worse; Check your drugs!  |
| 12 July 2020- Get Your Drugs Tested, Vancouver    | Down            | Caffeine  | Positive       | Positive    | DTES           | Start slowly and don't use alone!   |
| 9 July 2020- Get Your Drugs Tested, Vancouver     | Down            | Etizolam  | Negative       | Negative    | DTES           | Etizolam is a potent benzodiazepine; Check your drugs at any OPS/SCS!   |
| 2 July 2020- Overdose Prevention Site, Vancouver  | Down            | Caffeine, erythritol and sucrose (sweeteners), fentanyl HCl | Positive       | Positive    | DTES           | Use any local OPS or SCS to check drugs for benzos  |
| 2 July 2020- Overdose Prevention Site, Vancouver  | Down            | Caffeine, fentanyl HCl, sucrose and erythritol (sweeteners) | Positive       | Positive    | DTES           | Combining benzos and opioids can make OD symptoms worse.  |

During the month of July, **9.2%** of expected opioid samples tested positive for benzodiazepines using benzo test strips in the Vancouver Coastal Health region (**26 samples of 284 tested**)

**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 July 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.


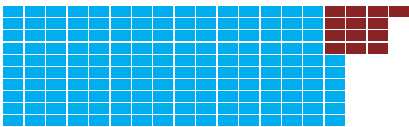
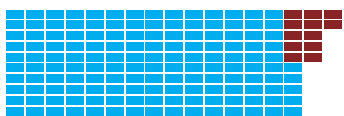

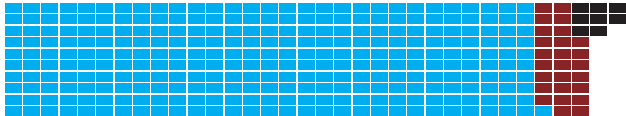

\* "Fentanyl not tested" means that a fentanyl test strip wasn't done for the sample because the client declined to do the test, or they left before the test was able to be completed.

## # of drugs checks and hours at each respective site:

| Location                        | # of Drug Checks | Hours      |
|---------------------------------|------------------|------------|
| Overdose Prevention Society OPS | 169              | 56         |
| Get Your Drugs Tested           | 594              | 248        |
| <b>Total</b>                    | <b>763</b>       | <b>304</b> |

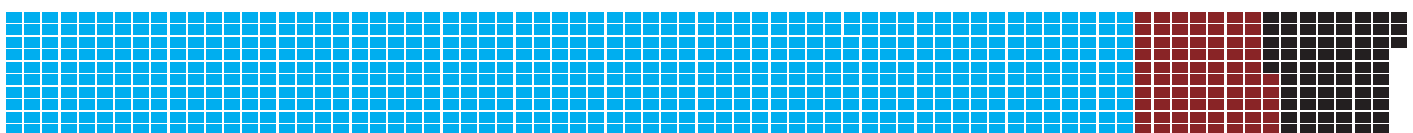
## # of samples that matched client expectation

*\*using FTIR/test strip drug checking*

|  |  |  |
|--|--|--|
| <p>EXPECTED DRUG:<br/><b>Depressant</b><br/>48 Samples Tested</p>  <p>Matched: 23<br/>Did not match: 24<br/>Match not determined: 1</p> | <p>EXPECTED DRUG:<br/><b>Stimulant</b><br/>169 Samples Tested</p>  <p>Matched: 156<br/>Did not match: 13</p>                             | <p>EXPECTED DRUG:<br/><b>Psychedelic</b><br/>157 Samples Tested</p>  <p>Matched: 145<br/>Did not match: 12</p> |
| <p>EXPECTED DRUG:<br/><b>Unknown</b><br/>56 Samples Tested</p>  <p>Match not determined: 56</p>  | <p>EXPECTED DRUG:<br/><b>Opioid</b><br/>328 Samples Tested</p>  <p>Matched: 291<br/>Did not match: 26<br/>Match not determined: 11</p> | <p>EXPECTED DRUG:<br/><b>Other</b><br/>5 Samples Tested</p>  <p>Matched: 5</p>                                |

### Total

763 Samples Tested









Matched: 620

Did not match: 75

Match not determined: 68

## # of opioid samples that matched client expectation

*\*using FTIR/test strip drug checking*

|  |  |   |   |
|--|--|---|---|
| <p>EXPECTED DRUG:<br/><b>Heroin</b><br/>22 Samples Tested</p>  <p>Matched: 12<br/>Did not match: 10</p>    | <p>EXPECTED DRUG:<br/><b>Fentanyl and Heroin</b><br/>1 Sample Tested</p>  <p>Did not match: 1</p>   | <p>EXPECTED DRUG:<br/><b>Opium</b><br/>4 Samples Tested</p>  <p>Matched: 1<br/>Match not determined: 3</p> | <p>EXPECTED DRUG:<br/><b>Down</b><br/>160 Samples Tested</p>  <p>Matched: 157<br/>Did not match: 3</p> |
| <p>EXPECTED DRUG:<br/><b>Fentanyl</b><br/>123 Samples Tested</p>  <p>Matched: 118<br/>Did not match: 5</p> | <p>EXPECTED DRUG:<br/><b>Pharmaceutical</b><br/>18 Samples Tested</p>  <p>Matched: 5<br/>Did not match: 5<br/>Match not determined: 8</p> |   |   |

### Total

328 Samples Tested



Matched: 291  
Did not match: 26  
Match not determined: 11

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

