

## # of Samples Tested by Expected Drug Category:

316 Samples Tested

Opioid: 156 / Stimulant: 57 / Psychedelic: 55 / Unknown: 21 / Depressant: 14 / Other: 9 / Polysubstance: 4



## Common Components, Cuts and Buffs

### UP

### SIDE

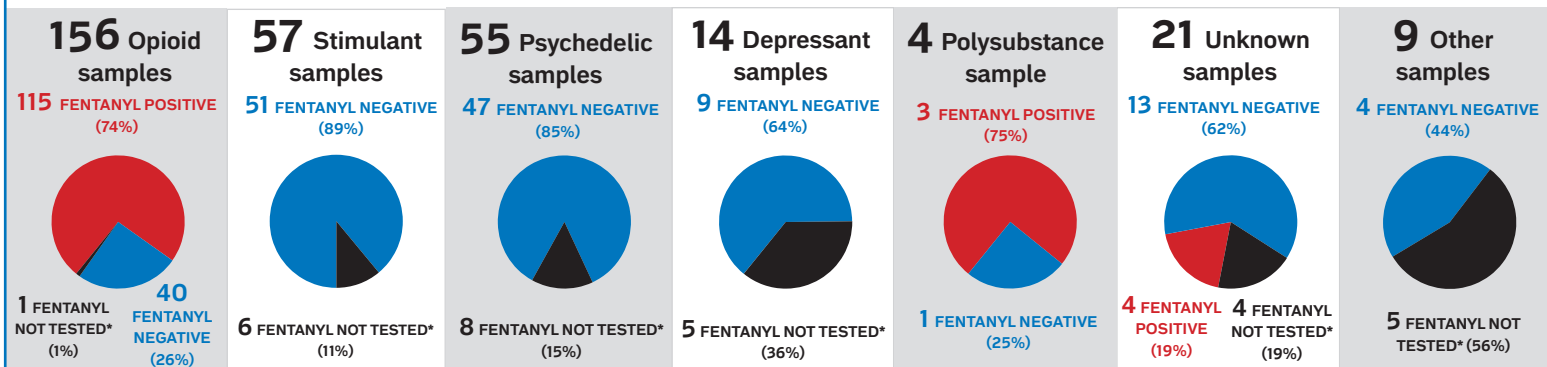
### DOWN

- Phenacetin (Superbuff)
- Levamisole
- Sweeteners
- Lactose
- Creatine

- Methamphetamine

- Fentanyl
- Caffeine
- Sweeteners
- Phenacetin (Superbuff)
- Cocaine
- Heroin
- Polyethylene glycol
- Lactose
- Acetaminophen
- Methamphetamine
- Vitamin C
- Dimethyl sulfone

## # of samples tested for fentanyl



## Public Health Notifications

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	What does this mean?
12 March 2020- OPS, Vancouver	Down	Caffeine, erythritol and sucrose (sugars)	Positive	Positive	Check for benzos in your drugs at any OPS/SCS
10 March 2020- Get Your Drugs Tested, Vancouver	Unknown (ground find)	Caffeine, erythritol (sweeteners)	Positive	Positive	Benzos can cause prolonged ODs

5.59% of expected opioid samples tested positive for benzodiazepines in the Vancouver Coastal Health 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 March 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.






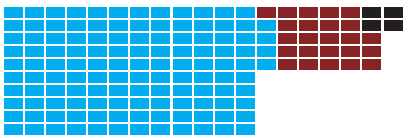

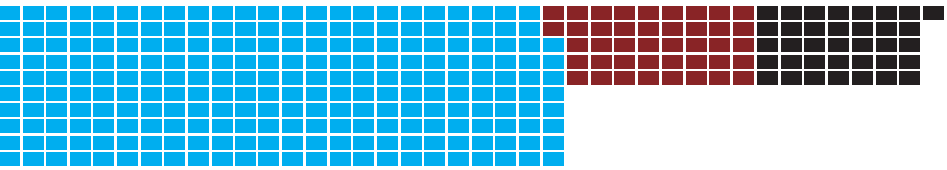
\* "Fentanyl not tested" means that a fentanyl test strip wasn't done for the sample because the client declined to do the test, or they left before the test was able to be completed.

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

Location	# of Drug Checks	Hours
Insite	35	5
Molson OPS	17	5
Overdose Prevention Society OPS	13	4
Get Your Drugs Tested	251	128
<b>Total</b>	<b>316</b>	<b>142</b>

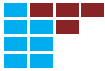



## # of samples that matched client expectation

*\*using FTIR/test strip drug checking*

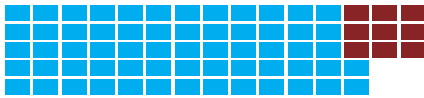
<p>EXPECTED DRUG: <b>Depressant</b> 14 Samples Tested</p>  <p>Matched: 9 Did not match: 3 Match not determined: 2</p>	<p>EXPECTED DRUG: <b>Psychedelic</b> 55 Samples Tested</p>  <p>Matched: 45 Did not match: 9 Match not determined: 1</p>	<p>EXPECTED DRUG: <b>Stimulant</b> 57 Samples Tested</p>  <p>Matched: 54 Did not match: 1 Match not determined: 2</p>	<p>EXPECTED DRUG: <b>Polysubstance</b> 4 Sample Tested</p>  <p>Matched: 1 Did not match: 1 Match not determined: 2</p>
<p>EXPECTED DRUG: <b>Unknown</b> 21 Samples Tested</p>  <p>Match not determined: 21</p>	<p>EXPECTED DRUG: <b>Opioid</b> 156 Samples Tested</p>  <p>Matched: 124 Did not match: 28 Match not determined: 4</p>	<p>EXPECTED DRUG: <b>Other</b> 9 Samples Tested</p>  <p>Matched: 5 Match not determined: 4</p>	
<p><b>Total</b> 316 Samples Tested</p>  <p>Matched: 238 Did not match: 42 Match not determined: 36</p>			

## # of opioid samples that matched client expectation

*\*using FTIR/test strip drug checking*

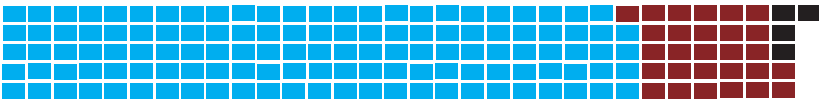
<p>EXPECTED DRUG: <b>Heroin</b> 11 Samples Tested</p>  <p>Matched: 7 Did not match: 4</p>	<p>EXPECTED DRUG: <b>Down</b> 59 Samples Tested</p>  <p>Matched: 52 Did not match: 6 Match not determined: 1</p>	<p>EXPECTED DRUG: <b>Fentanyl Analogue</b> 6 Samples Tested</p>  <p>Did not match: 6</p>	<p>EXPECTED DRUG: <b>Pharmaceutical</b> 9 Samples Tested</p>  <p>Matched: 3 Did not match: 3 Match not determined: 3</p>
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EXPECTED DRUG:  
**Fentanyl**  
71 Samples Tested



Matched: 62  
Did not match: 9

**Total**  
156 Samples Tested



Matched: 124  
Did not match: 28  
Match not determined: 4

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

