

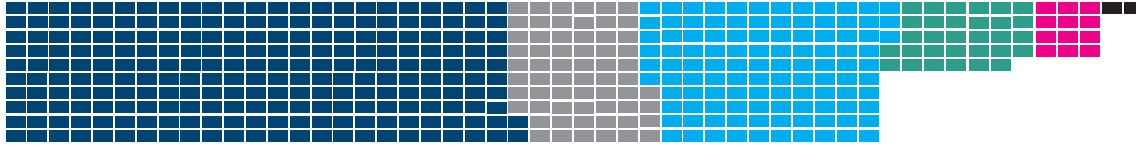
1-31 July
2019

Drug Checking in Vancouver Coastal Health

of Samples Tested by Expected Drug Category:

448 Samples Tested

Opioid: 232 / Stimulant: 62 / Psychedelic: 109 / Unknown: 31 / Depressant: 12 / Other: 2 / Polysubstance: 0



Common Components, Cuts and Buffs

UP

- Crack cocaine
- Phenacetin (Superbuff)
- Glutamine
- Cocaine (powder)

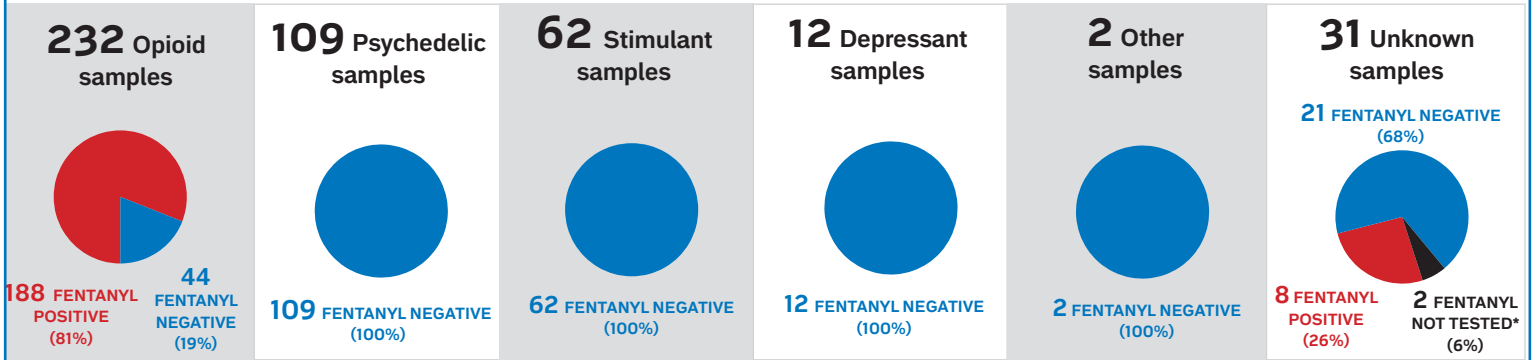
SIDE

- Dimethyl Sulfone (MSM)
- Methamphetamine
- Caffeine (from Down contamination)

DOWN

- Fentanyl
- Polyethylene Glycol
- Vitamin C
- Noscapine
- Dextromethorphan
- Xylazine
- Heroin
- Caffeine
- Sweeteners

of samples tested for fentanyl



Public health notifications

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	What does this mean?
2-July-2019, Vancouver	Down	Benzodiazepines	N/A	Benzos may cause severe drowsiness; use at an OPS or SCS
8-July-2019, Powell River	Down	Possible Benzo contamination	N/A	Benzos can cause decreased level of consciousness and memory loss, especially when mixed with opioids
16-July-2019, MOPS, Vancouver	Fentanyl	Xylazine and Fentanyl	Positive	Xylazine is a depressant that can increase the risk of overdose
17-July-2019, DTES, Vancouver	Down	Fentanyl and Benzos	Positive	Benzos may increase the risk of an overdose; use at an OPS or SCS
25-July-2019, DTES, Vancouver	Ketamine	Ketamine and Methamphetamine	Negative	Methamphetamine is a strong stimulant that has much longer lasting effects than ketamine.
31-July-2019, DTES Vancouver	Xanax	Various drugs	N/A	Many pills sold as Xanax contain drugs other than alprazolam. Always check your drugs.

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

This report summarizes key indicators for Fourier Transform Infrared (FT-IR)/fentanyl test strip combination drug checking done in Vancouver Coastal Health in July 2019.

As the FT-IR spectrometer has a detection limit of 3-4% by weight (Sherman et al., 2018), unless otherwise stated, a drug check on any given sample consists of both Bruker ALPHA Fourier-Transform Infrared (FTIR) spectrometer 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.

Please note that these data are not finalized and are subject to change.

* "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.





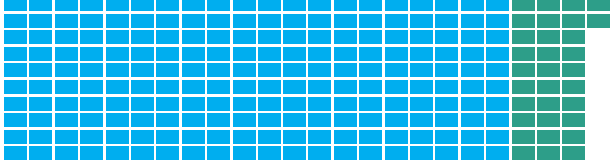

BCCSU gratefully acknowledge the contributions of the following partners:

of drugs checks and hours at each respective site:

Location	# of Drug Checks	Hours
Insite	233	35
Molson OPS	144	28
Overdose Prevention Society	37	12
St. Paul's OPS	24	9
Powell Street Getaway	0	0
SisterSpace	10	6
Total	448	90

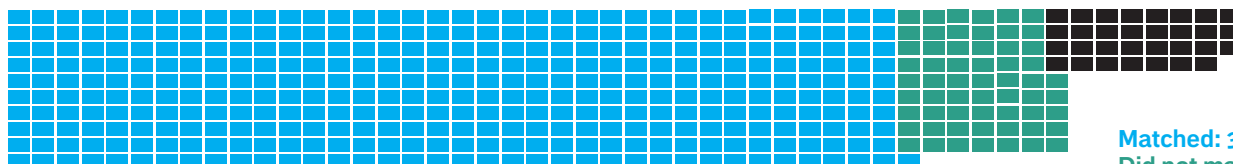
of samples that matched client expectation

**using FTIR/test strip drug checking*

<p>EXPECTED DRUG: Depressant 12 Samples Tested</p>  <p>Matched: 7 Did not match: 5</p>	<p>EXPECTED DRUG: Psychedelic 109 Samples Tested</p>  <p>Matched: 93 Did not match: 16</p>	<p>EXPECTED DRUG: Stimulant 62 Samples Tested</p>  <p>Matched: 59 Did not match: 3</p>
<p>EXPECTED DRUG: Unknown 31 Samples Tested</p>  <p>Match not determined: 31</p>	<p>EXPECTED DRUG: Opioid 232 Samples Tested</p>  <p>Matched: 200 Did not match: 32</p>	<p>EXPECTED DRUG: Other 2 Samples Tested</p>  <p>Matched: 2</p>

Total



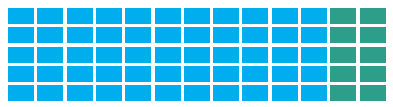

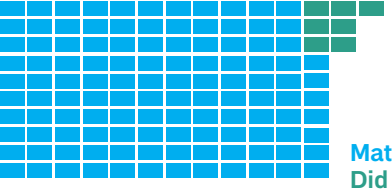

448 Samples Tested



Matched: 361
Did not match: 56
Match not determined: 31

of opioid samples that matched client expectation

**using FTIR/test strip drug checking*

<p>EXPECTED DRUG: Fentanyl & Heroin 4 Samples Tested</p>  <p>Matched: 2 Did not match: 2</p>	<p>EXPECTED DRUG: Fentanyl Analogue 2 Samples Tested</p>  <p>Did not match: 2</p>	<p>EXPECTED DRUG: Down 65 Samples Tested</p>  <p>Matched: 55 Did not match: 10</p>
<p>EXPECTED DRUG: Heroin 31 Samples Tested</p>  <p>Matched: 22 Did not match: 9</p>	<p>EXPECTED DRUG: Fentanyl 124 Samples Tested</p>  <p>Matched: 117 Did not match: 7</p>	<p>EXPECTED DRUG: Pharmaceutical 6 Samples Tested</p>  <p>Matched: 2 Did not match: 4</p>

Total

232 Samples Tested



Matched: 200
Did not match: 32

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

