

Cette présentation a été effectuée le 5 décembre 2017 au cours de la journée « L'urgence de se préparer pour faire face aux surdoses de drogues au Québec » dans le cadre des 21^{es} Journées annuelles de santé publique. L'ensemble des présentations est disponible sur le site Web des JASP à la section Archives au : <http://jasp.inspq.qc.ca>.

Journées annuelles de santé publique 2017
December 5th 2017



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Public health emergency related to overdose in British Columbia

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HARM REDUCTION PROGRAM

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Overview

- Background re BC overdose crisis
- Public health emergency
- We have learned the role of Public health is key...
 - Improving monitoring and surveillance
 - Immediate response to an overdose
 - Drug use in observed/supervised settings
 - Naloxone programs: THN and FORB
- Where next?
 - Engaging people with lived experience
 - Better access to safer drugs
 - Reduce stigma / decriminalization



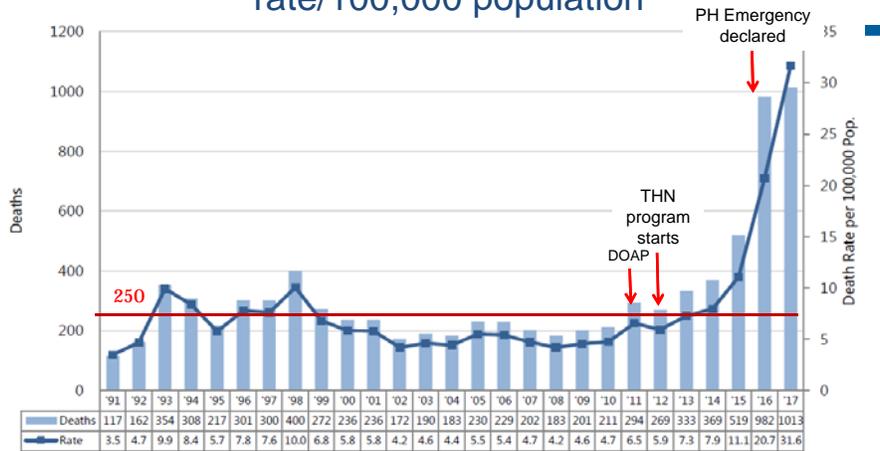
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Illicit drug overdose deaths (IDD) and death rate/100,000 population



Provisional will change as cases closed; BCCS Oct 12, 2017

<http://www2.gov.bc.ca/assets/gov/public-safety-and-emergency-services/death-investigation/statistical/illicit-drug.pdf>

Data to Aug 31, 2017

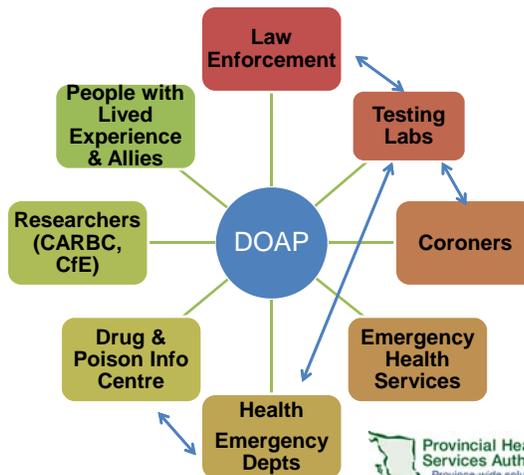
↓ **Public Health Interventions**



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BC Drug Overdose & Alert Partnership (2011)



Communicating drug alerts

Findings

- Be timely
- Be accessible & relevant
 - Use simple language that implies harm
 - Date posters & remove
 - State what to look for and what can do
 - Enable an informed decision
 - Show actually care
- **Avoid:**
 - Scare tactics and don't do it messages

Baljak Y, et al *Int J Drug Policy* (2015)

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OVERDOSE ALERT

There has been an increase in people needing medical support after consuming substances in Surrey.

Reports include:

- Loss of consciousness
- Overdoses that involve seizures
- Extreme muscle rigidity
- High risk of overdose (OD) even from smoking



Please look out for each other.

FOR YOUR SAFETY:

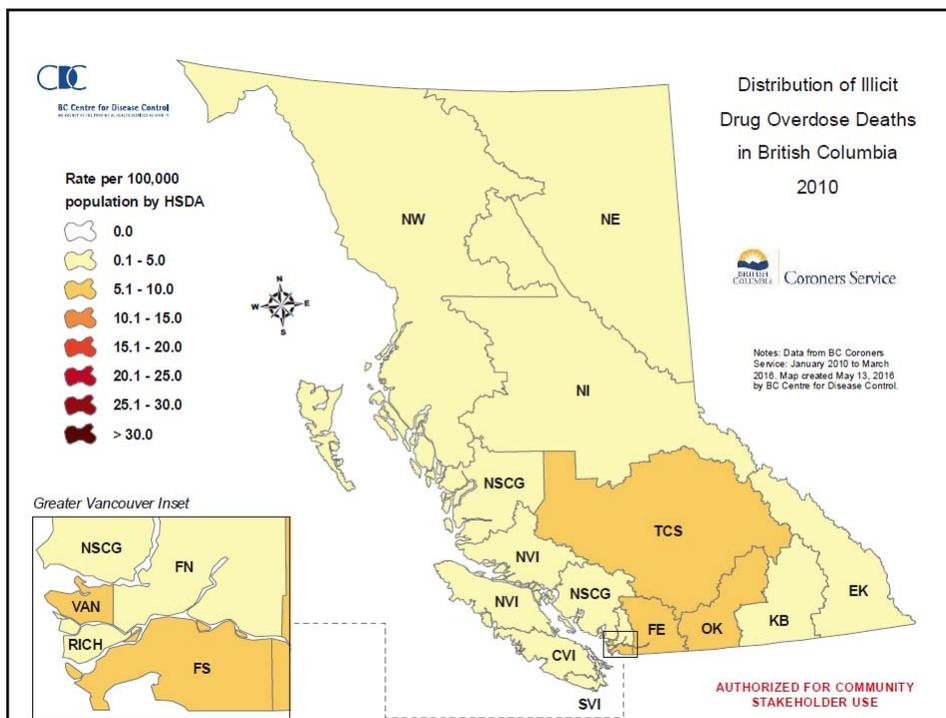
- ✓ Where possible, don't use alone
- ✓ If you do use alone, make a plan to have someone check on you
- ✓ Test by using small amounts first and go slowly
- ✓ Do not use with alcohol or other drugs

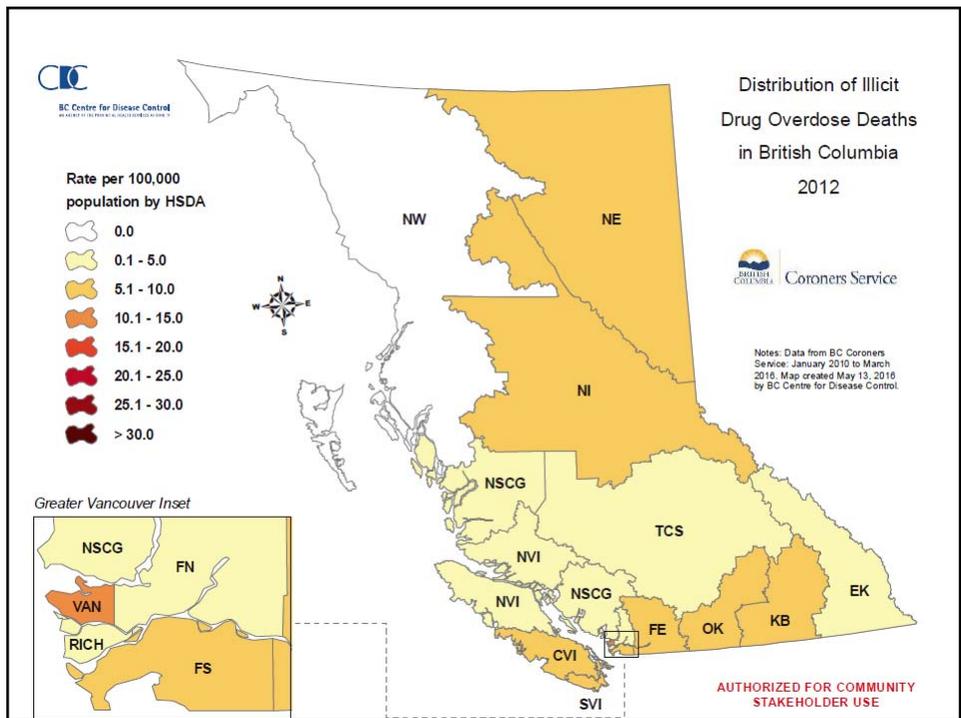
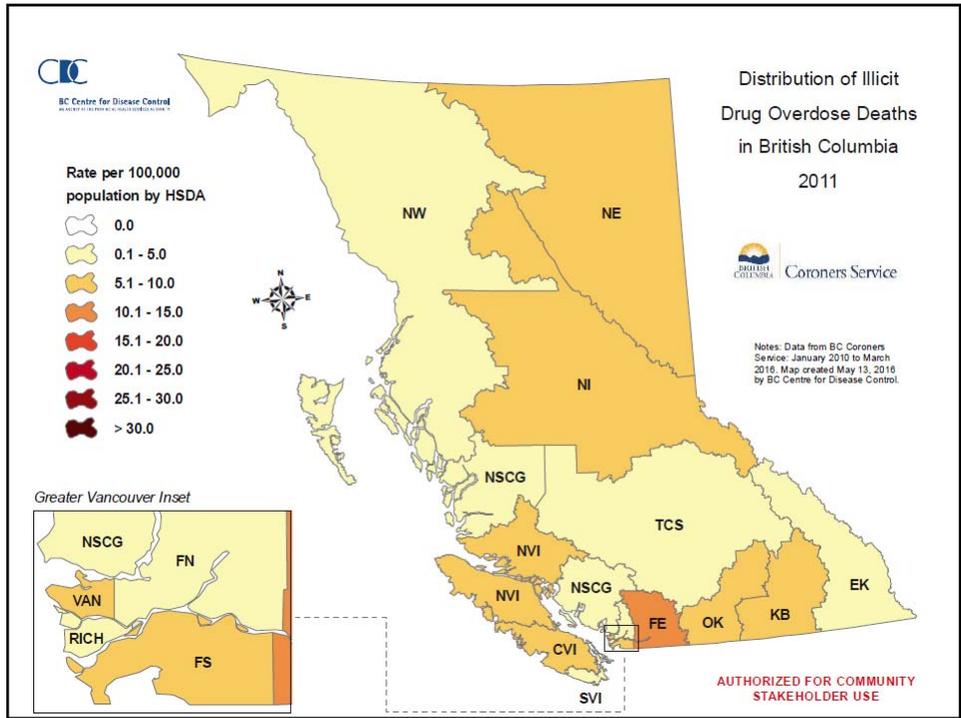
Plan to survive, know how to respond to an overdose:

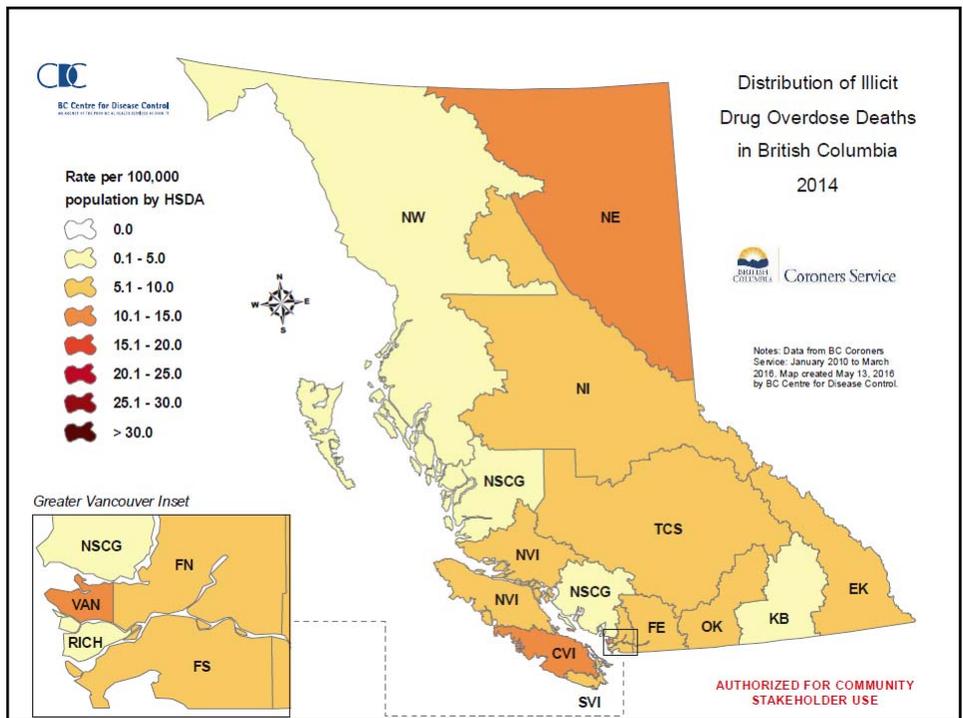
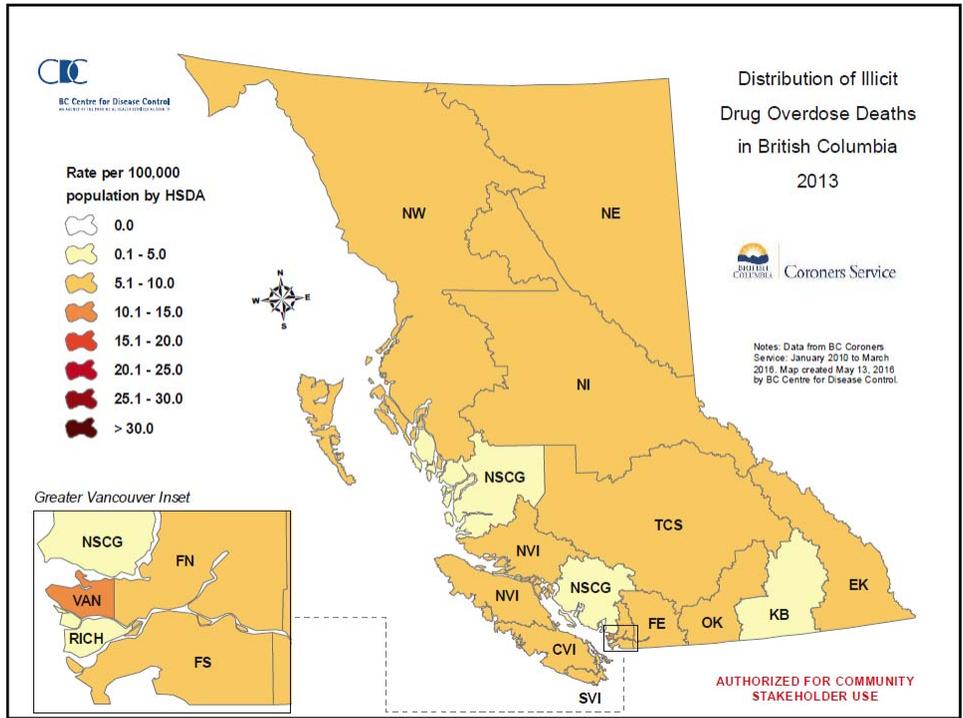


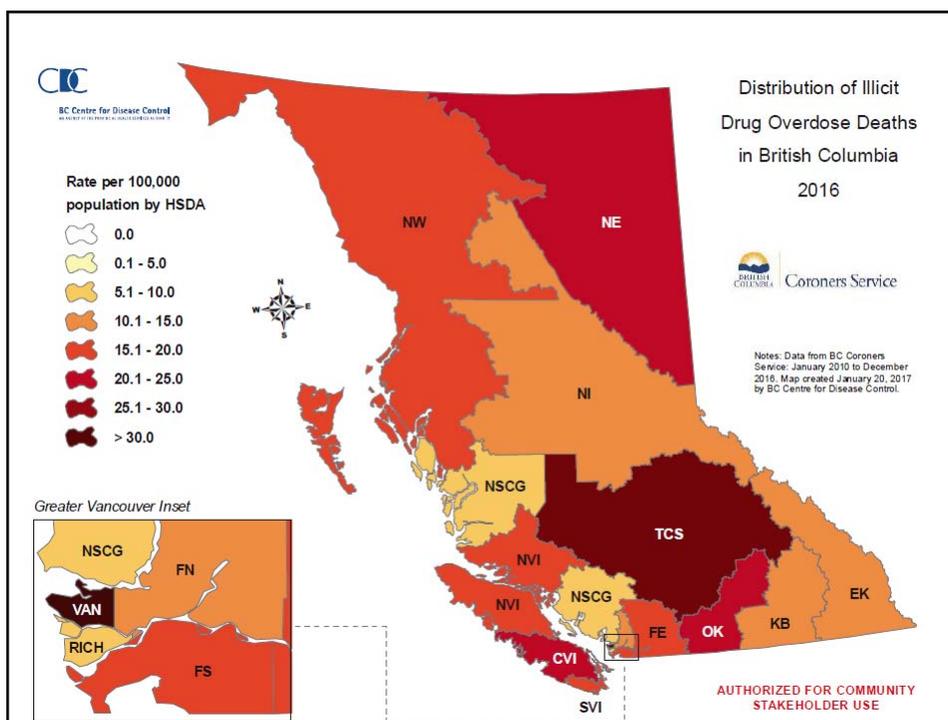
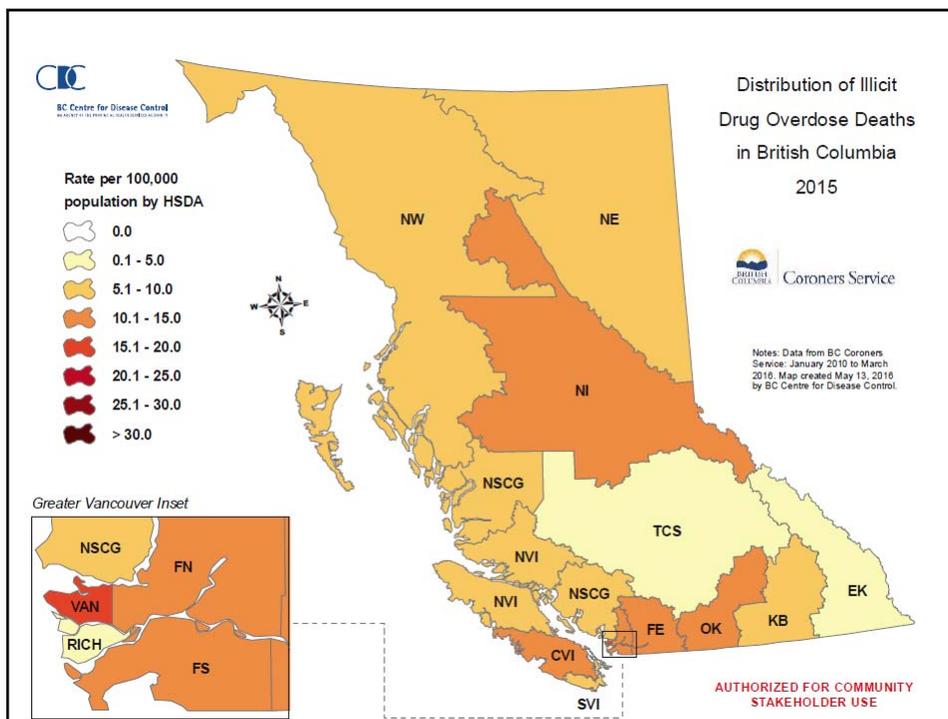
If someone ODs, YOU can help!

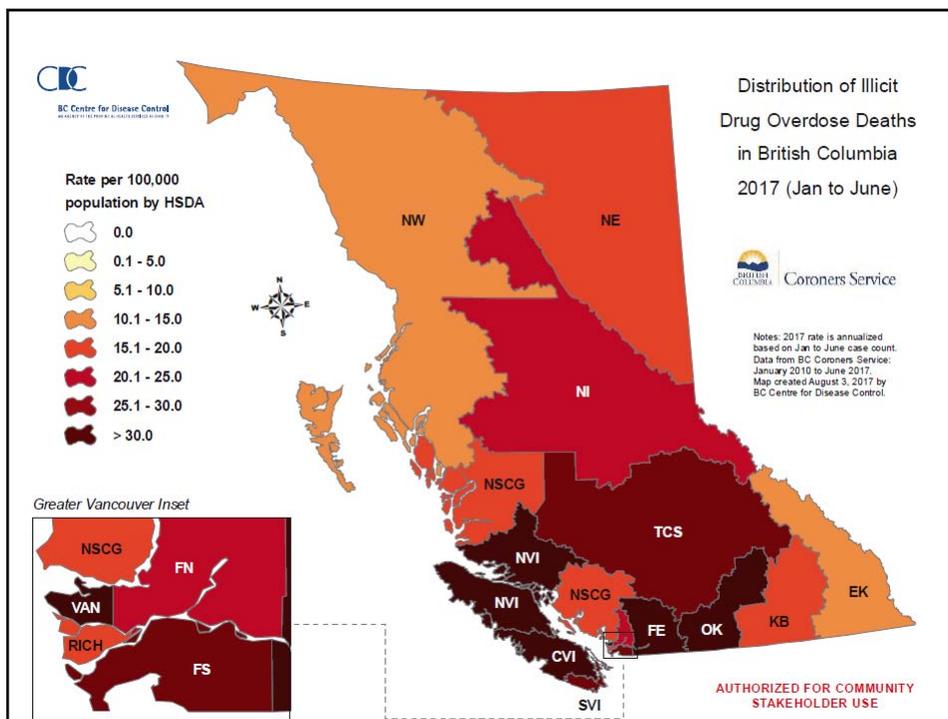
- 1) CALL 9-1-1 immediately
- 2) Open airway and give BREATHS
- 3) Give naloxone (Narcan) if you can











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Where have deaths occurred?

	2016	2017
Inside:		
Private Residence	602 (61.6%)	508 (58.0%)
Other Residence	229 (23.4%)	232 (26.5%)
Other Inside	41 (4.2%)	40 (4.6%)
Outside	97 (9.9%)	91 (10.4%)
Unknown	9 (0.9%)	5 (0.6%)
Total	978	876

89% inside locations

Private residence: driveways, garages, trailer, own/another's residence
Other residence: hotels, motels, shelters, rooming house etc
Other inside: facilities, occupational sites, public buildings and businesses
Outside: vehicles, streets/sidewalks, public parks, woods, camp grounds

Provisional – subject to change as cases closed; Data to July 31, 2017
<http://www2.gov.bc.ca/gov/content/safety/public-safety/death-investigation/statistical-reports>
 BCCS Sep 7, 2017

Who has died in 2017?

82% male

74% aged 30-59yrs

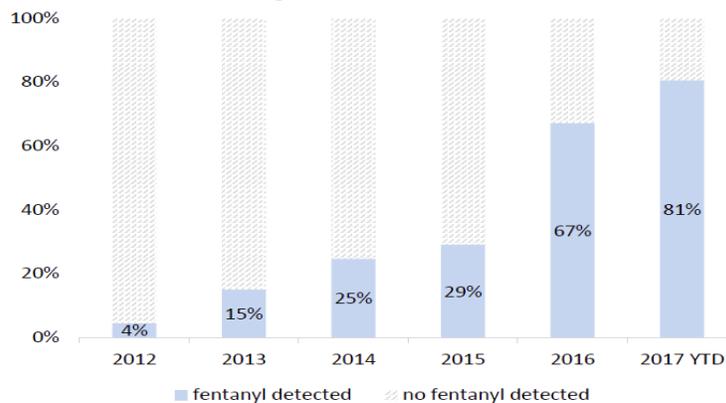
Age group (yrs)	# deaths	%
10-18	12	1.4
19-29	154	17.6
30-39	262	29.9
40-49	208	23.7
50-59	175	20.0
60-69	60	6.8
70+	5	0.6

Provisional – subject to change as cases closed; Data to July 31, 2017

<http://www2.gov.bc.ca/gov/content/safety/public-safety/death-investigation/statistical-reports>

BCCS Sep 7, 2017

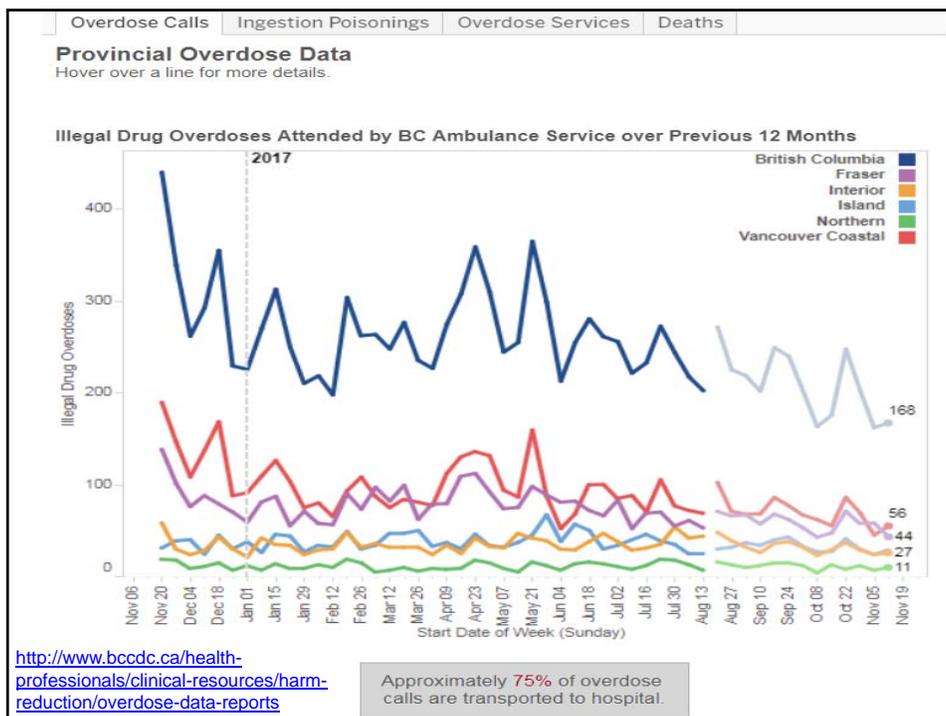
Percentage of illicit drug deaths in which fentanyl detected in BC



Provisional – subject to change as cases closed; Data to July 31, 2017

<http://www2.gov.bc.ca/gov/content/safety/public-safety/death-investigation/statistical-reports>

BCCS Sep 7, 2017



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Public Health Emergency Declared

April 14th, 2016 BC Provincial Health Officer declared a Public Health Emergency under section 52 of the *Public Health Act* in response to the rise in opioid overdoses:
<https://t.co/fwEwCkmmx0>

“The action will allow medical health officers throughout the province to collect more robust, real-time information on overdoses in order to identify immediately where risks are arising and take proactive action to warn and protect people who use drugs.”

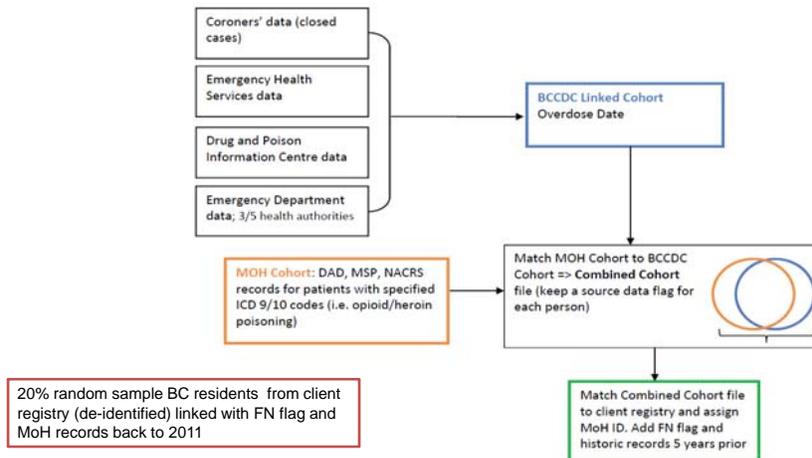
Public health emergency outcomes

- Data linkage and overdose prevention services

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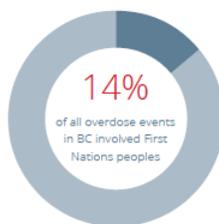
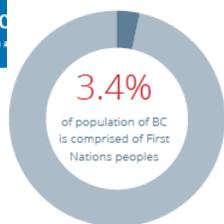
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Overdose data linkage flow diagram PH teams identify analytic priorities



20% random sample BC residents from client registry (de-identified) linked with FN flag and MoH records back to 2011

DATA FROM OVERDOSE EVENTS IS TAKEN FROM JANUARY 31, 2015 - NOVEMBER 30, 2016
DATA FROM OVERDOSE DEATHS IS TAKEN FROM JANUARY 31, 2015 - JULY 31, 2016



First Nations people are **5X** more likely than non-First Nations to experience an overdose event

First Nations people are **3X** more likely than non-First Nations to die due to an overdose



THE OPIOID EMERGENCY HAS EQUALLY AFFECTED FIRST NATIONS MEN AND WOMEN

Across BC, First Nations population overdose events have affected: **52% men** and **48% women**.

Non-First Nations overdose events in BC have affected: 71% men | 29% women

FIRST NATIONS OF ALL AGES ARE AT A HIGHER RISK OF OVERDOSE EVENTS AND DEATH

1,903 First Nations OD Events between January 1, 2015 - November 30, 2016

60 First Nations OD Deaths between January 1, 2015 - July 31, 2016

http://www.fnha.ca/newsContent/Documents/FNHA_OverdoseDataAndFirstNationsInBC_PreliminaryFindings_FinalWeb.pdf

Ministry Directives:

Overdose Prevention Services

Dec 9, 2016 Ministerial order under Emergency Health Services Act and Health Authority Act

Public health led; develop guidelines

- Temporary safe spaces for people who use drugs to be monitored in case of overdose
- Sites throughout the province
- Sites vary between and within region
 - Supportive housing facilities
 - Existing harm reduction/drop-in sites
 - New stand alone sites
 - Mobile sites
- Collect minimum data
- Currently 24 OPS sites and >2,000 ODs reversed



File photo: KIM ANDERSON / iFOnews.ca

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Supervised Consumption Sites; Public Health leads submissions and implementation

Fraser Health opens 2 sites June 2017

Illegal substances can be snorted or swallowed as well as injected
7 booths, 7am-1am, 7days/wk

- 1) Safe Point; 135A Street, Surrey

Photo credit Georgia Straight



- 2) Quibble Creek Sobering and Assessment Centre

Vancouver #3 SCS - Powell St Getaway July 28, 2017



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One line is positive for fentanyl, two lines is negative for fentanyl

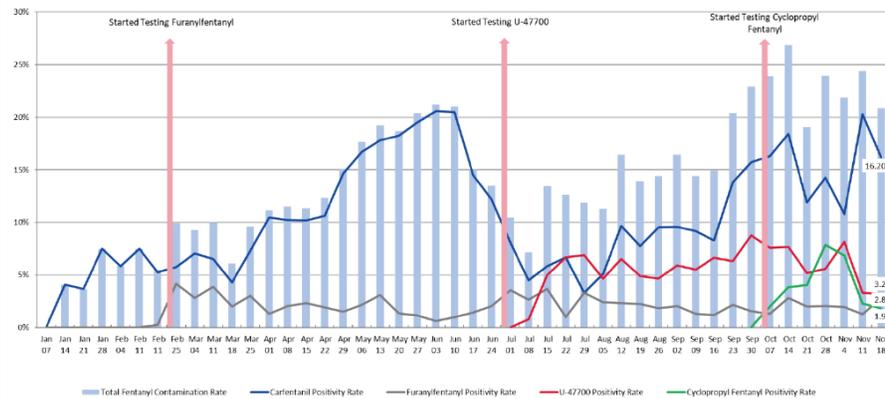
Fentanyl checking expanding to more VCH sites

The pilot project at Insite offering a free fentanyl checking service is expanding to offer more locations for clients. People can now check their drugs for fentanyl at any of Vancouver's four overdose prevention sites and Powell Street Getaway supervised injection service, in addition to Insite. If you have clients in the Vancouver area who use illicit substances please let them know about this life-saving service.

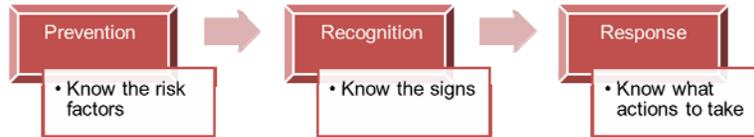
Community surveillance of fentanyl and fentanyl analogues



Figure 1 - Detection Rate of Drugs of Interest in Fentanyl-Positive Samples^{2,3}



Comprehensive overdose program (2012)



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BC Take Home Naloxone kit

- Program evaluation qual and quant - youth
- Input from Community Advisory Board

Case - changes with input
Proud to carry naloxone
White zip - easy find in bag
Belt hook – easy to carry

Silver cross

Contents
Amp snappers
3 amps naloxone 0.4mg/ml
3 safety needles
Breathing barrier



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REGISTERED SITES HEALTH PROFESSIONALS STAFF FIND A SITE

Reducing Harm Naloxone Programs Overdose Working Together

Site Locator

Where are you? Distance: 5km What supplies are you looking for? Naloxone

Search Reset

Locations

- AIDS Prevention – Needle Exchange – Prince George**
1108 3rd Ave
Prince George BC, V2L 3E5
Zoom To
- Dawson Creek Health Unit**
1001 - 110th Ave
Dawson Creek BC, V1G 4X3
Zoom To
- Quesnel Public Health Unit**
511 Reid St
Quesnel BC, V2J 7C9
Zoom To
- Terrace HU**
3412 Kalum St
Terrace BC, V8G 4T2
Zoom To

Map

About 1,000 views/month

<http://towardtheheart.com/site-finder>

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BC take home naloxone sites

DISTRIBUTION OF KITS

36,717 11,738 8,894

A TOTAL OF **57,349** NALOXONE KITS DISTRIBUTED

- Kits for New Participants
- Kits Reported as Used
- Replacements for Stolen, Lost, Expired & Confiscated Kits

614 THN DISTRIBUTION LOCATIONS IN BC

- 58 EMERGENCY DEPARTMENTS
- 85 FIRST NATION SITES SERVING 97 COMMUNITIES
- 14 CORRECTIONS FACILITIES
- 7 FORENSIC PSYCHIATRIC FACILITIES

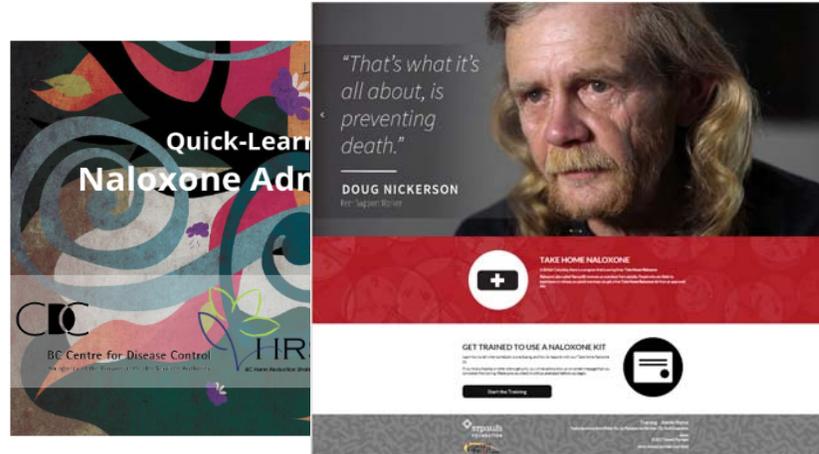
In 2017 alone:
29,000 kits dispensed
6,850 OD reversals

<http://towardtheheart.com/naloxone/>

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Need for training resources

****NEW**** Naloxone Administration Quick-Learn Lesson



New App

The BC Centre for Disease Control has developed a new online e-learning lesson outlining what to do if you witness or suspect an opioid overdose.

Facility Overdose Response Box program



Dec 1, 2016

Boxes with 5-20 doses of naloxone and OD supplies given to approved sites

Sites: Non-profit community organizations where people may overdose e.g. shelters, supportive housing, drop-in centres; Friendship Centres

Registered sites commit to

- Develop OD response policy
- Staff training, debriefing & support
- Plan exercises/drills to maintain staff competencies and train new staff
- Documentation to BCCDC: report naloxone use; BCCDC restocks supplies

To date 462 sites registered

<http://towardtheheart.com/naloxone/forb/program-modules>

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Summary

- Public health is leading the response
 - Coordinating intersectoral partners; task groups
 - Collating, prioritising and analysing the data
 - Overseeing naloxone programs & data analysis
 - Implementing OPS; application/implementation SCS
- Next steps
 - Engaging people with lived experience
 - Reducing stigma & Reaching people who use alone
 - Interventions to alert when breathing slows/stops
 - Evaluation of drug checking/drug testing
 - Improving access to Rx & opioids of known content
 - ?? Decriminalization; Regulation

