

# Kelty Mental Health Resource Centre, Pinwheel Education Series: Youth and the Opioid Crisis

March 21st, 2017,

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BC Centre for Disease Control  
An agency of the Provincial Health Services Authority





# Overview

- Overdose deaths and fentanyl
- Declaration of public health emergency
- Naloxone and calling 911



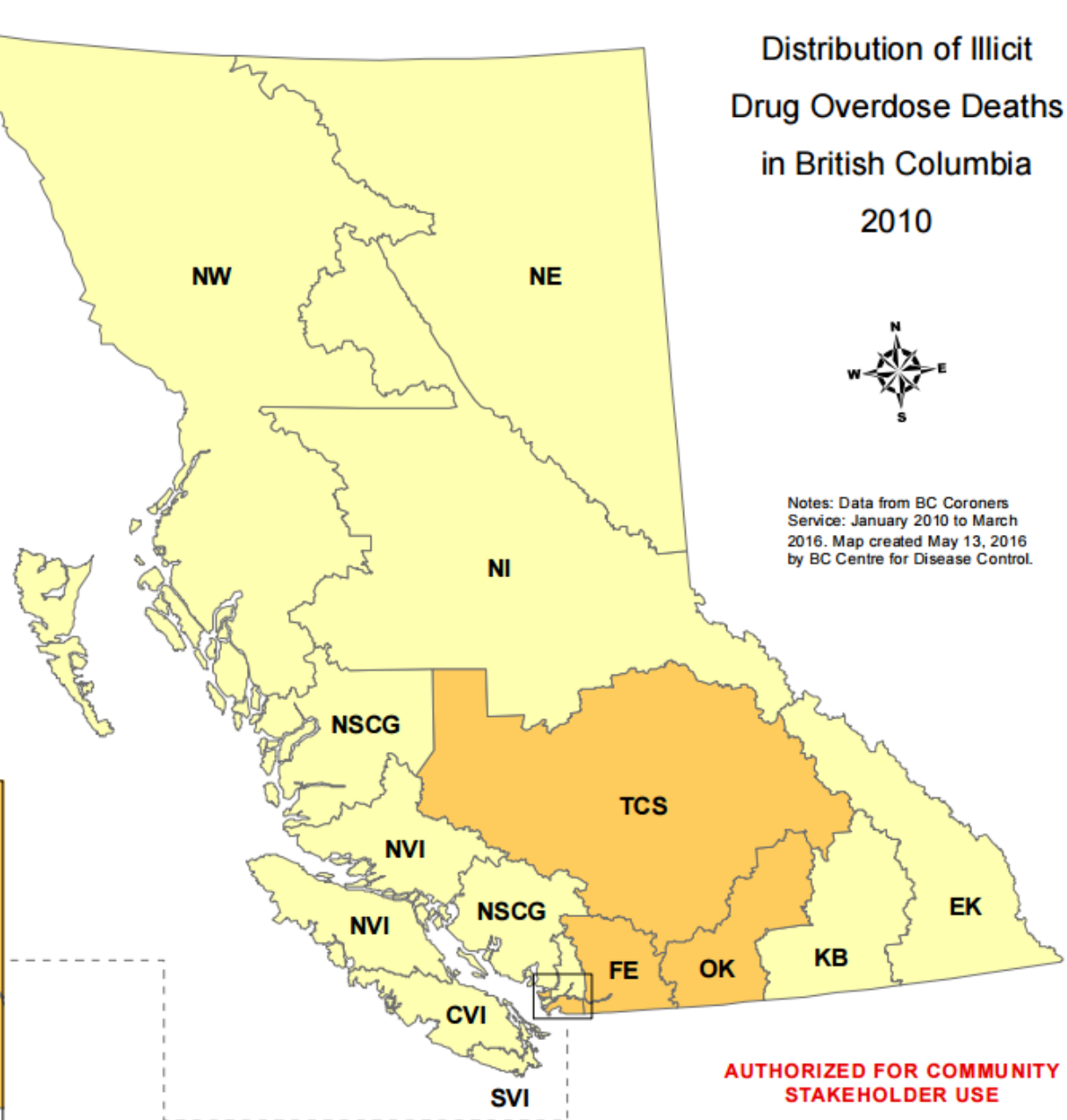
BC Centre for Disease Control  
AN AGENCY OF THE PROVINCE OF BRITISH COLUMBIA



Coroners Service  
Ministry of Public Safety and Solicitor General

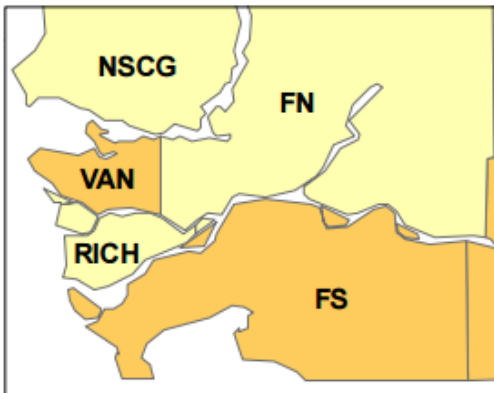
# Distribution of Illicit Drug Overdose Deaths in British Columbia 2010

Rate per 100,000 population by HSDA



Notes: Data from BC Coroners Service: January 2010 to March 2016. Map created May 13, 2016 by BC Centre for Disease Control.

Greater Vancouver Inset



**AUTHORIZED FOR COMMUNITY STAKEHOLDER USE**



BC Centre for Disease Control  
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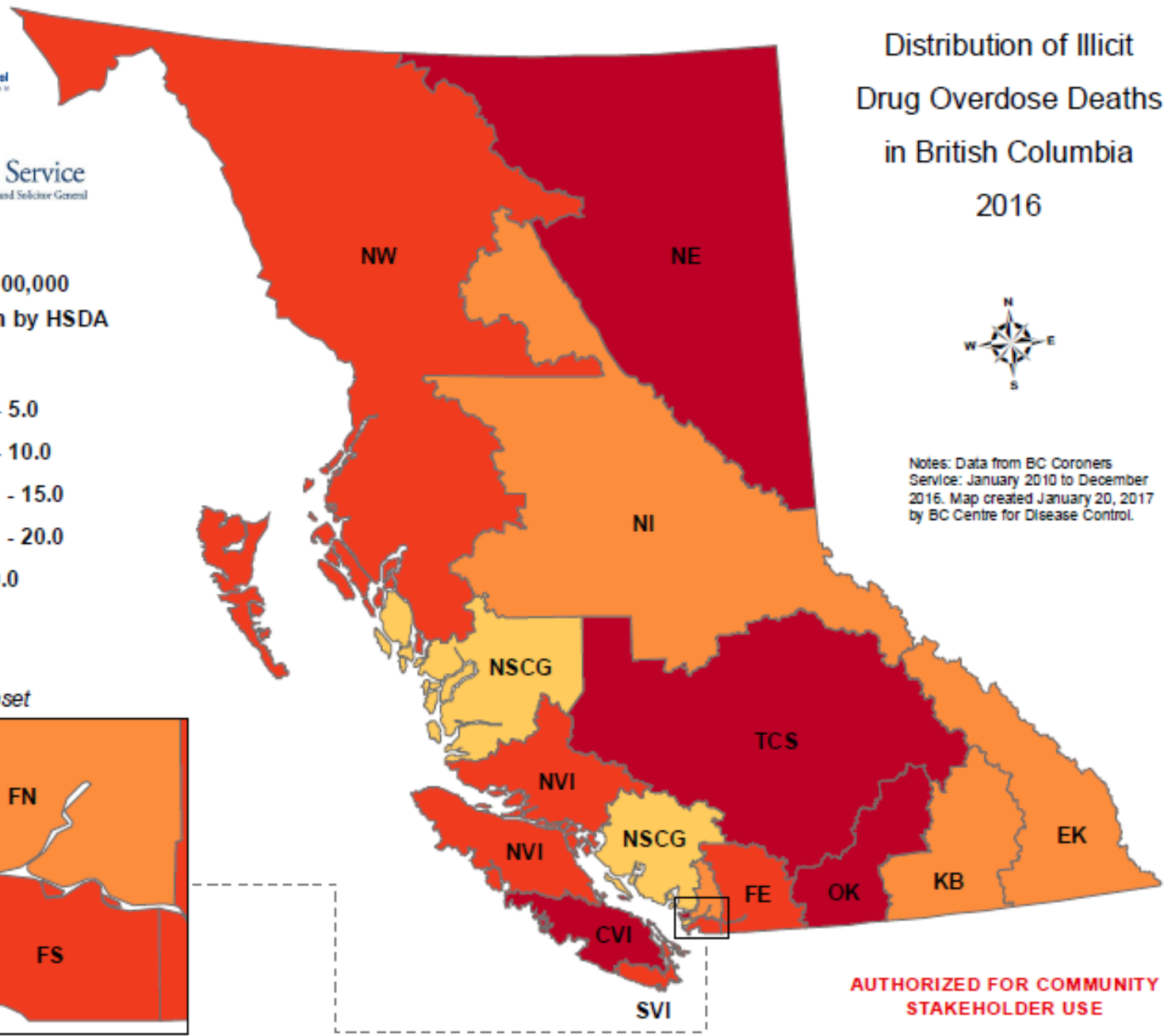
Coroners Service  
Ministry of Public Safety and Solicitor General

# Distribution of Illicit Drug Overdose Deaths in British Columbia 2016

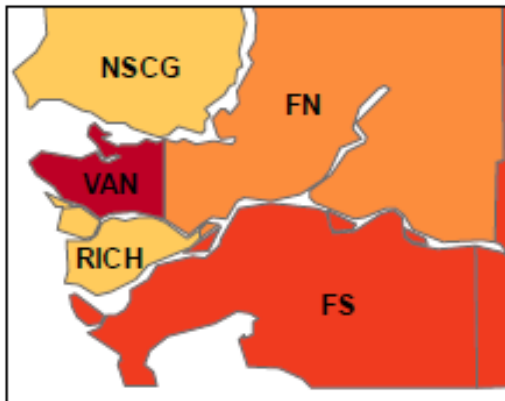
Rate per 100,000  
population by HSDA



Notes: Data from BC Coroners Service: January 2010 to December 2016. Map created January 20, 2017 by BC Centre for Disease Control.

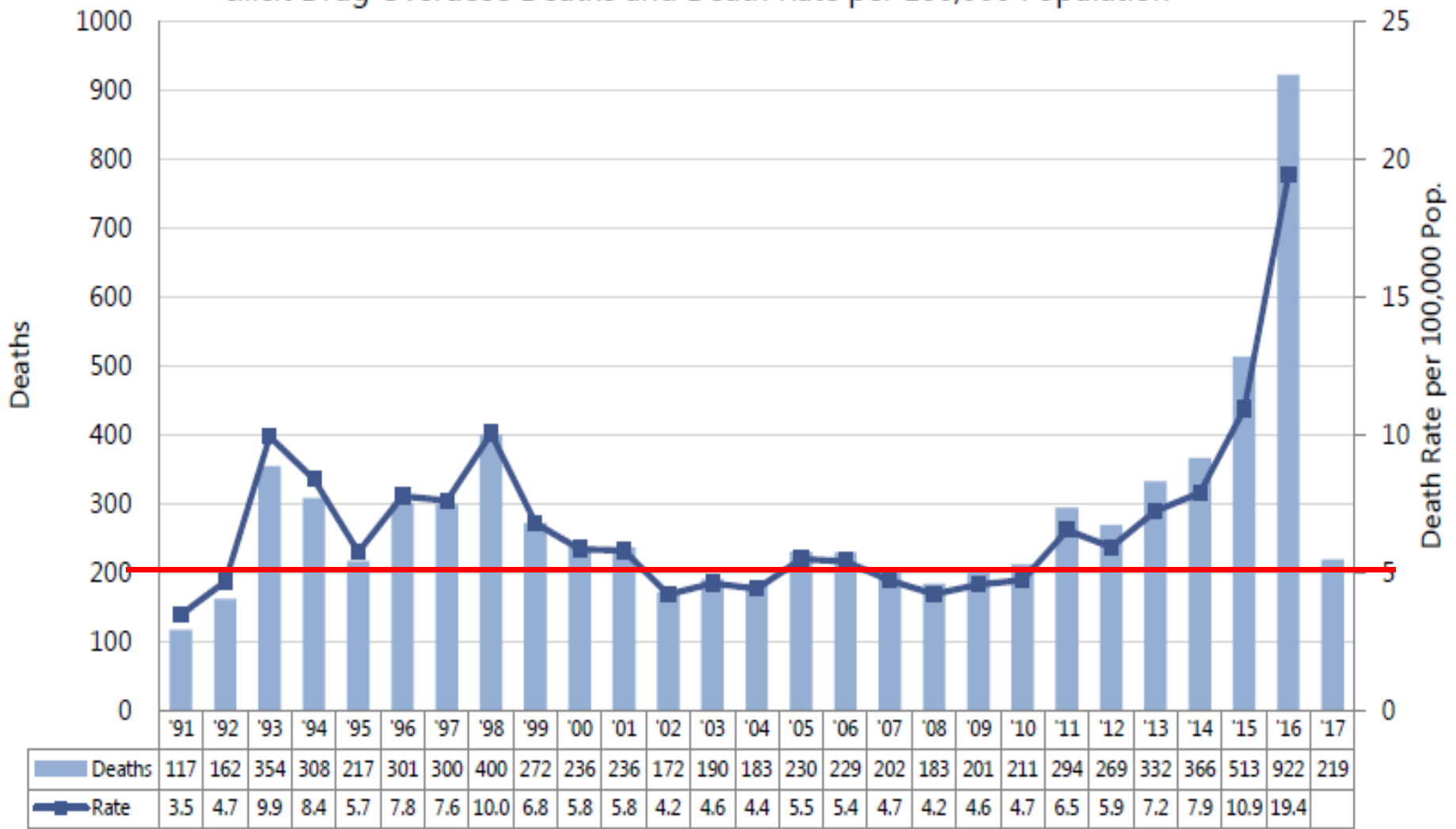


Greater Vancouver Inset



**AUTHORIZED FOR COMMUNITY  
STAKEHOLDER USE**

# Illicit drug overdose deaths and death rate/100,000 population



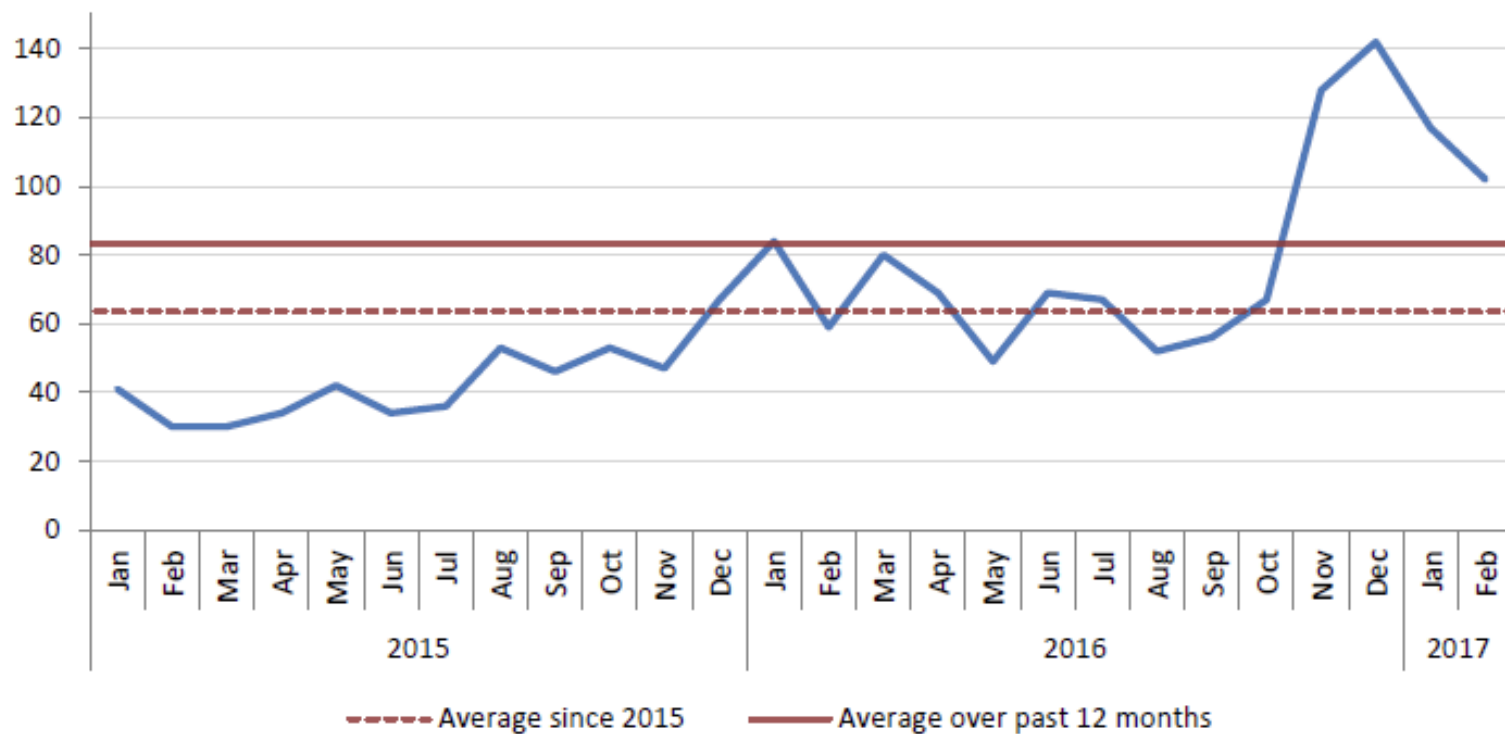
Provisional data subject to change as investigations are completed, 2000 to 17, 2017.  
<http://www2.gov.bc.ca/assets/gov/public-safety-and-emergency-services/death-investigation/statistical/illicit-drug.pdf>

In 2016 744 deaths (81%) were male  
 656 deaths (71%) in private residence  
 Similar rates all health authorities (range 17.4 - 21.6/100,000)



\*

Illicit Drug Overdose Deaths by Month, 2015-2017<sup>[2]</sup>



\* Provisional data subject to change as investigations are concluded; BCCS Mar 17, 2017

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



### Illicit Drug Overdose Deaths by Age Group, 2007-2017<sup>[2]</sup>

Age Group	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
10-18	5	6	2	4	4	5	6	3	5	12	1
19-29	33	36	46	40	74	61	94	83	116	202	49
30-39	53	48	51	49	75	61	77	101	134	252	63
40-49	70	42	57	66	77	66	74	85	124	217	53
50-59	36	43	33	45	54	56	60	70	107	198	36
60-69	4	8	12	7	10	19	21	24	26	38	17
70-79	1	0	0	0	0	1	0	0	1	3	0
Total	202	183	201	211	294	269	332	366	513	922	219

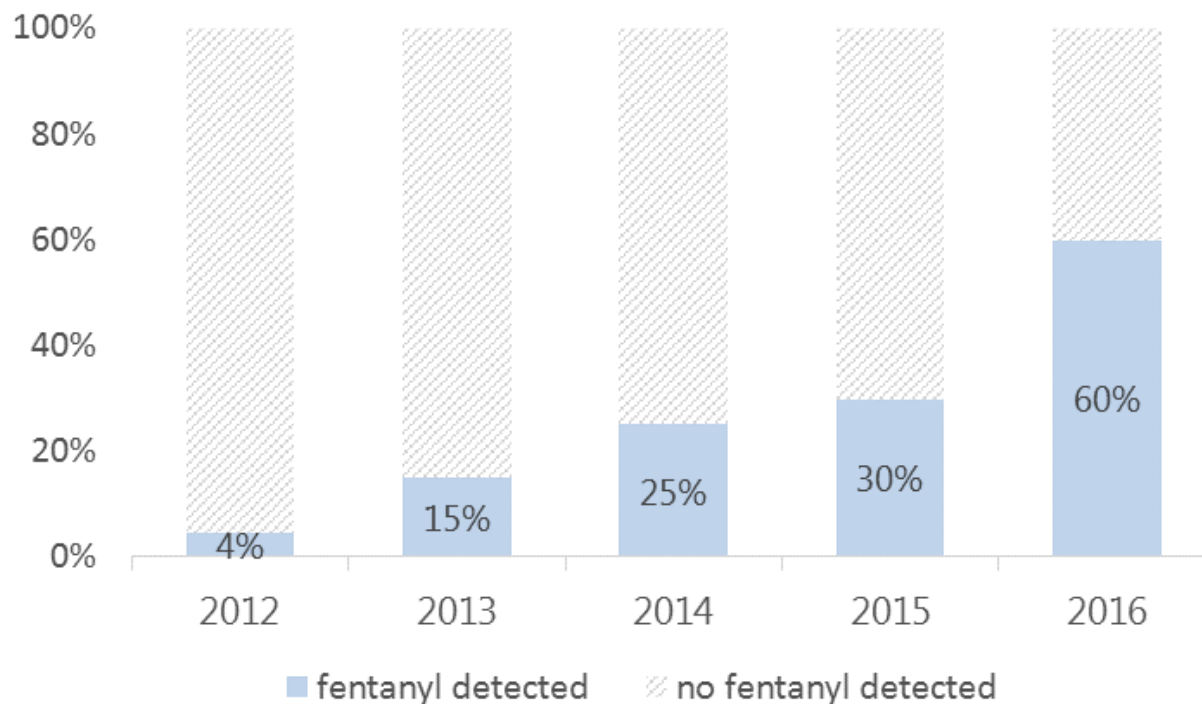
Note: The age range of decedents of illicit drug overdose between 2007-2017 ranged from 14 to 74 years of age.

\* Provisional data subject to change as investigations are concluded; BCCS Mar 17, 2017

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



## Percentage of illicit drug deaths in which fentanyl detected



\*2016 provisional subject to change as cases closed  
Data to Oct 31, 2016 (delay in receiving tox data)  
<http://www2.gov.bc.ca/gov/content/safety/public-safety/death-investigation/statistical-reports> BCCS Dec 7, 2016

Fentanyl acts faster than other opioids  
Aug 2016: 86% drugs tested at Insite had fentanyl  
Mar 2017: pharmacy Victoria – 80% fentanyl



## Public Health Emergency declared April 2016

**OD Prevention:** Public awareness campaign  
Treatment options: Improved access methadone & Suboxone; \$\$  
More beds  
Injectable opioid: Rx DAM and hydromorphone  
Alerts; Education re safer use  
Drug checking?  
Opioid prescribing guidelines?

**OD response:** Supervised consumption services  
Overdose prevention Sites  
Training to recognize and respond – call 911  
Increase naloxone availability

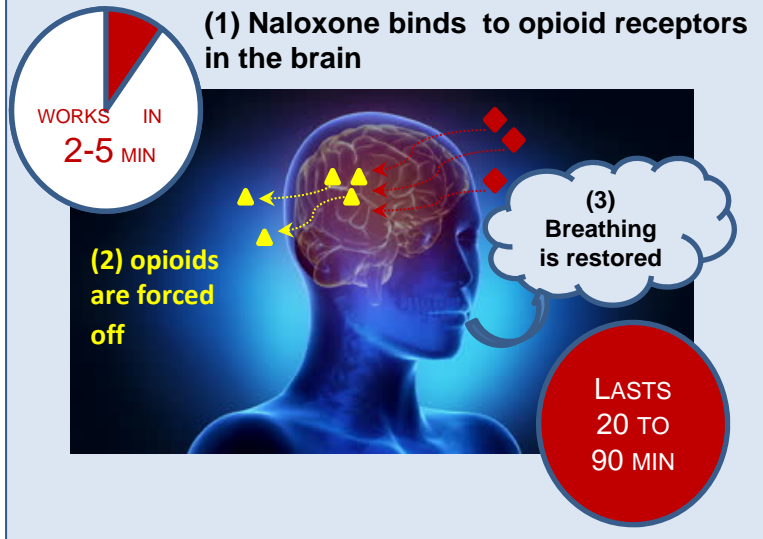
### **Improved monitoring and surveillance:**

Who's at risk of OD/death; potential interventions, missed opportunities, evaluate  
Emergency Health Services, Emergency rooms, Coroners data

**Enforcement activities** (fentanyl busts, pill presses,  
CBSA, longer sentences,

# Naloxone

## How does **NALOXONE** work?



YPERization Awaits: Become a Naloxone Ninja, Attend the May 2016 YPERence, Read OR Listen to "Making Resilience Happen through Youth-Adult Partnership"



## Become a Naloxone Ninja with VYPER!

Working with [Fraser Health](#), the Provincial Harm Reduction Program's [Toward the Heart](#), and [Odyssey 1 Boys & Girls Club](#) of South Coast BC:

**VYPER Youth present their first Naloxone Training Event on April 14 from 6:30 to 9:00 p.m. in Burnaby.**

Naloxone is a medication that reverses the effects of an overdose from opioids (e.g. heroin, methadone, morphine). While VYPER youth were planning this event, [Health Canada](#) approved Naloxone for distribution without a prescription. But training is still required to **recognize the signs of overdose and act quickly to save a life**. Come out on the 14th to become a trained Naloxone Ninja!





### FIND A HARM REDUCTION SITE

Where are you?

Distance

What supplies are you looking for?

Search

Reset

### LOCATIONS

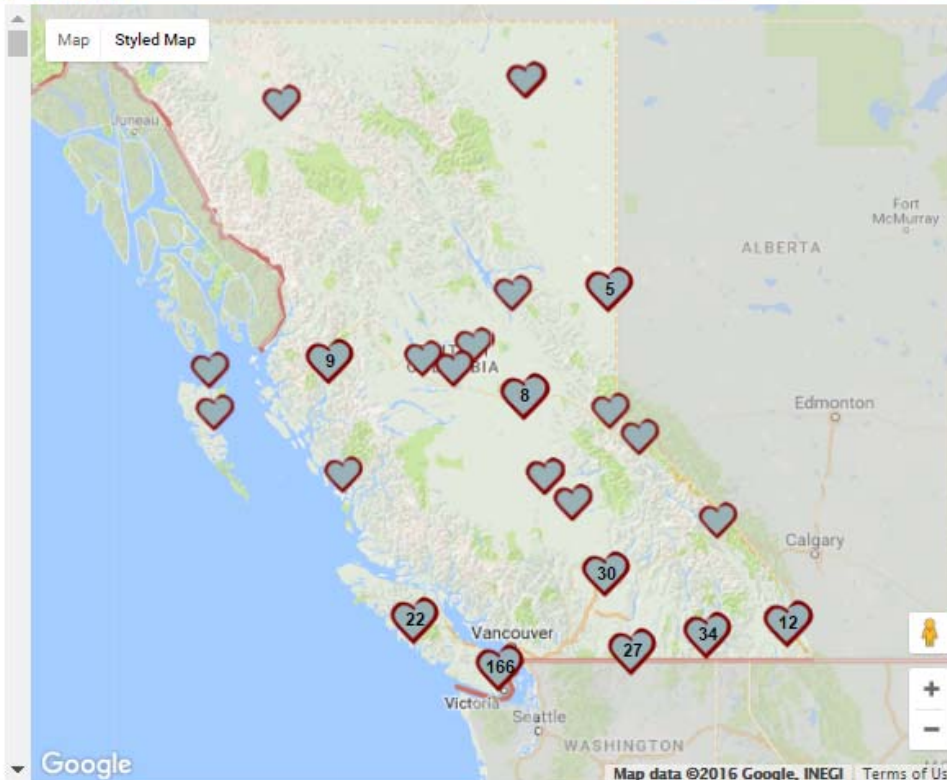
**AIDS Prevention – Needle Exchange – Prince George**  
1108 3rd Ave  
Prince George BC, V2L 3E5  
[Zoom To](#)

**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



# BC Take Home Naloxone Program

	Sept - Dec 2012	2013	2014	2015	2016	2017*	Total
Sites Enrolled (Active)	6	27	63	17	294	68	475
Kits Distributed	107	618	1,200	3,392	21,945	5,487	32,858**
THN Kits administration events***	5	36	127	427	4,231	1,331	6,157

\*to March 5<sup>th</sup>, 2017

\*\*109 dispensation records missing date

\*\*\*based on kit refills for reason: used on self or other for to reverse an overdose



## December 1, 2016

Boxes with 5-20 doses of naloxone & 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 - reporting naloxone use and BCCDC will restock supplies

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

# Ministry Directives:

## Overdose prevention services

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

- Temporary safe spaces for people who use drugs to be monitored in case of overdose
- >20 sites throughout the province
- Sites vary between and within region
  - Supportive housing facilities
  - Existing harm reduction/drop-in sites
  - New stand alone sites
- Collect minimum data



Washington needle depot, East Hastings

## Ministry Directives:

Dec 7, 2016: **All treatment facilities in BC mandated to have naloxone**

- Told to buy & get training from community pharmacy
- BCCDC provides kits or boxes as appropriate to non-profit facilities registered in FORB program

Jan 2017: **Ministry of Children and Family Development to offer kits and training** to foster parents, community partners and ministry staff in lower mainland

- Parents and the youth - eligible for THN
- Training by Fraser Health & Vancouver Coastal Health with assistance from ICY
- MCFD responsible for staff training



## Consider unintended consequences

- Removing an opioid from the market
  - Substitution
- Opioid prescribing standards
  - Sudden reduction opioid Rx without support
  - Switch to potentially lethal illicit drugs
- Messaging
  - Alerts can lead to drug seeking
  - Scare tactics and 'Don't do it' messages do not work
  - May increase stigma & shame - hide use