Overdose Public Health Emergency Interior Health Update

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Board Meeting

May 31st, 2016

Interior Health

Every person matters

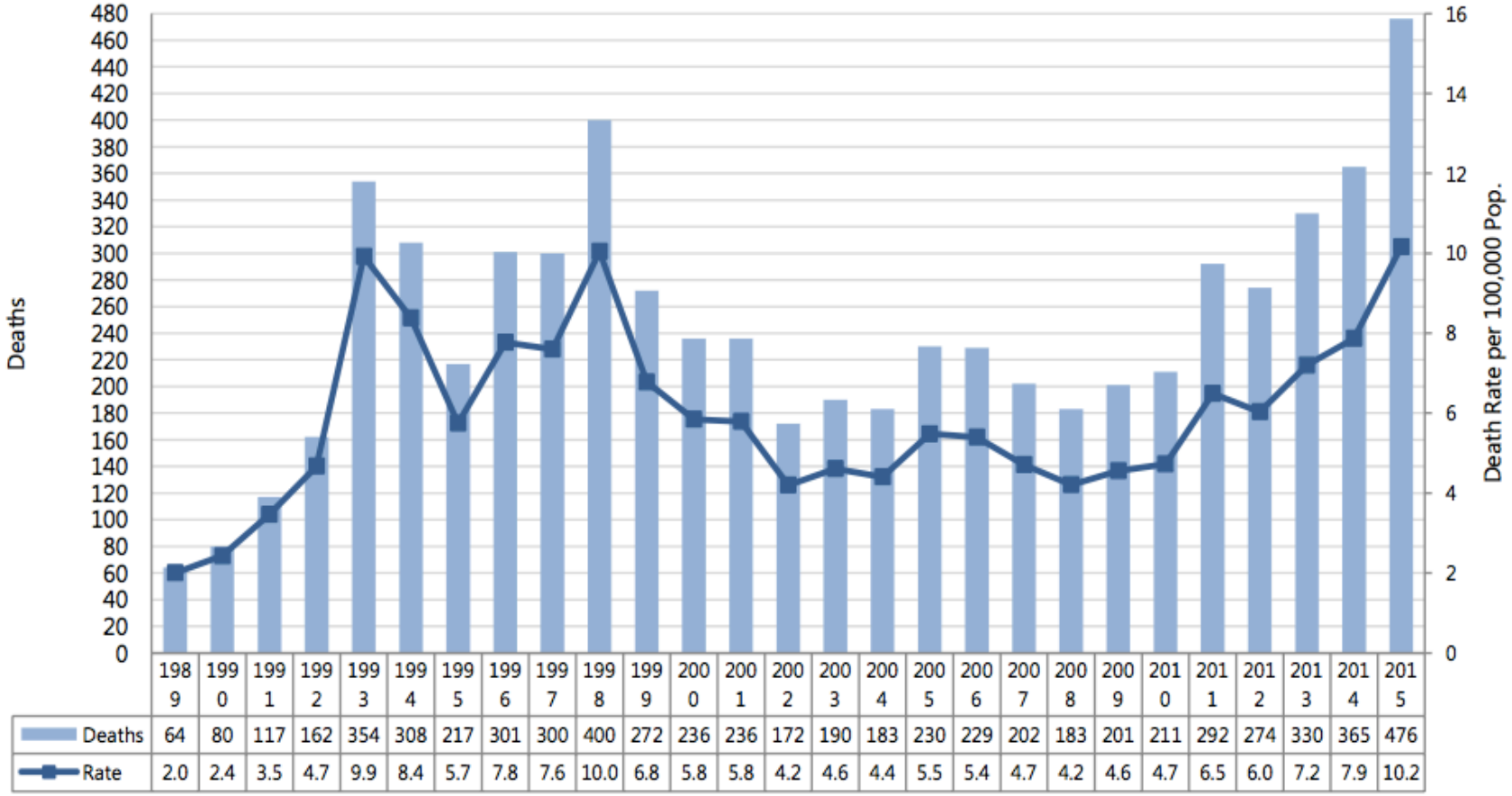
Overview

* Epidemiology of Overdose Deaths and Provincial Public Health Emergency

* Update on the IH Response:
  * Incident Management Team
  * Data Sources
  * Take Home Naloxone Expansion
  * Safe Consumption Services

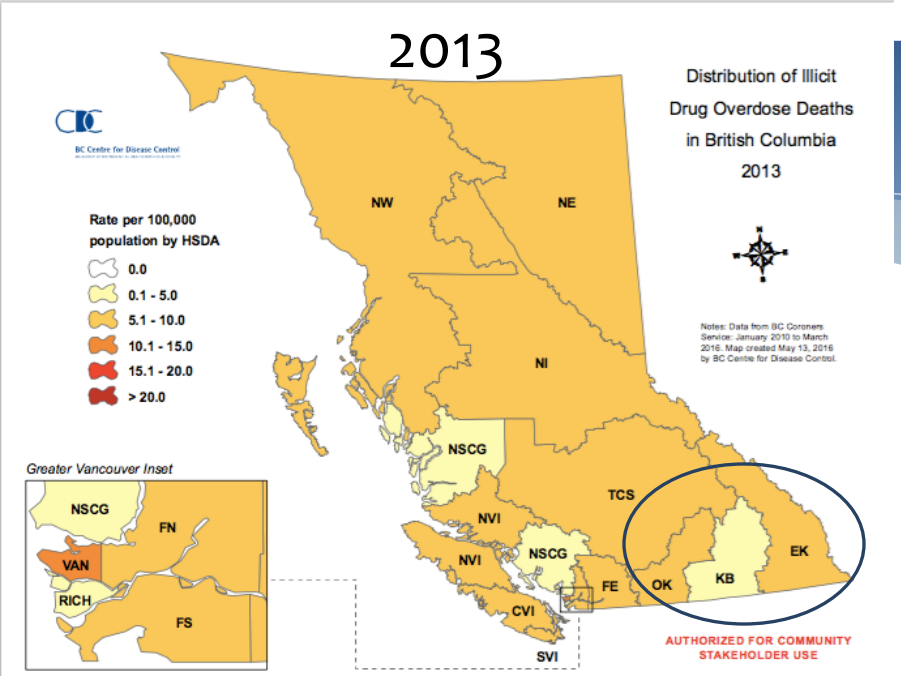
EPIDEMIOLOGY OF OVERDOSE DEATHS

Overdose Death Epidemiology in BC



	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Deaths	64	80	117	162	354	308	217	301	300	400	272	236	236	172	190	183	230	229	202	183	201	211	292	274	330	365	476
Rate	2.0	2.4	3.5	4.7	9.9	8.4	5.7	7.8	7.6	10.0	6.8	5.8	5.8	4.2	4.6	4.4	5.5	5.4	4.7	4.2	4.6	4.7	6.5	6.0	7.2	7.9	10.2

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


2013
Distribution of Illicit
Drug Overdose Deaths
in British Columbia
2013
BC Centre for Disease Control
Rate per 100,000
population by HSDA
0.0
0.1 - 5.0
5.1 - 10.0
10.1 - 15.0
15.1 - 20.0
> 20.0
Notes: Data from BC Coroners Service: January 2010 to March 2016. Map created May 13, 2016 by BC Centre for Disease Control.
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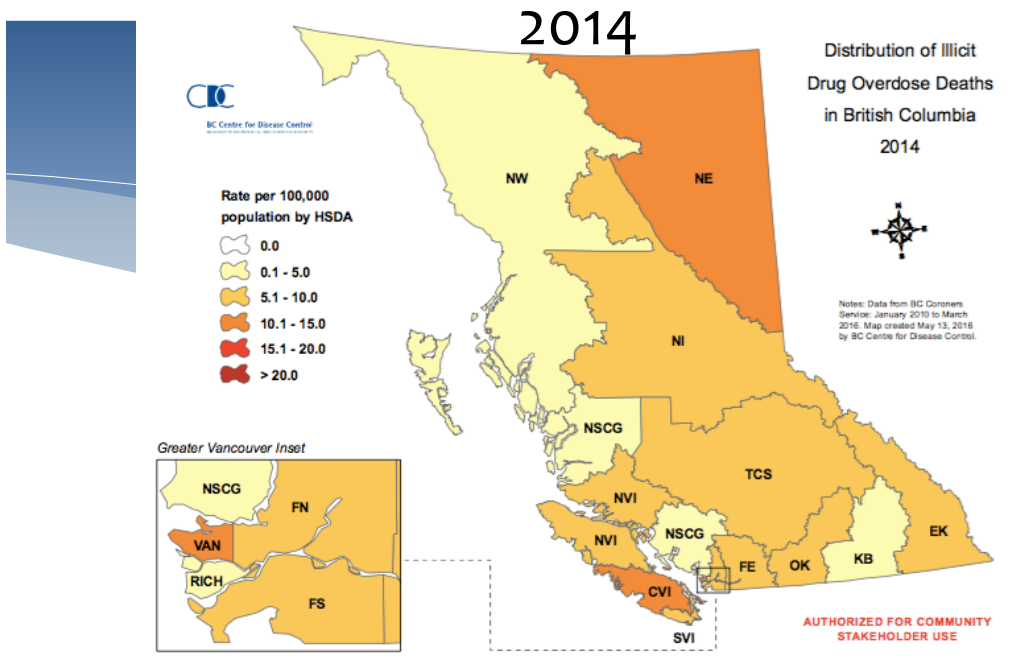
AUTHORIZED FOR COMMUNITY
STAKEHOLDER USE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Distribution of Illicit
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BC Centre for Disease Control
Rate per 100,000
population by HSDA
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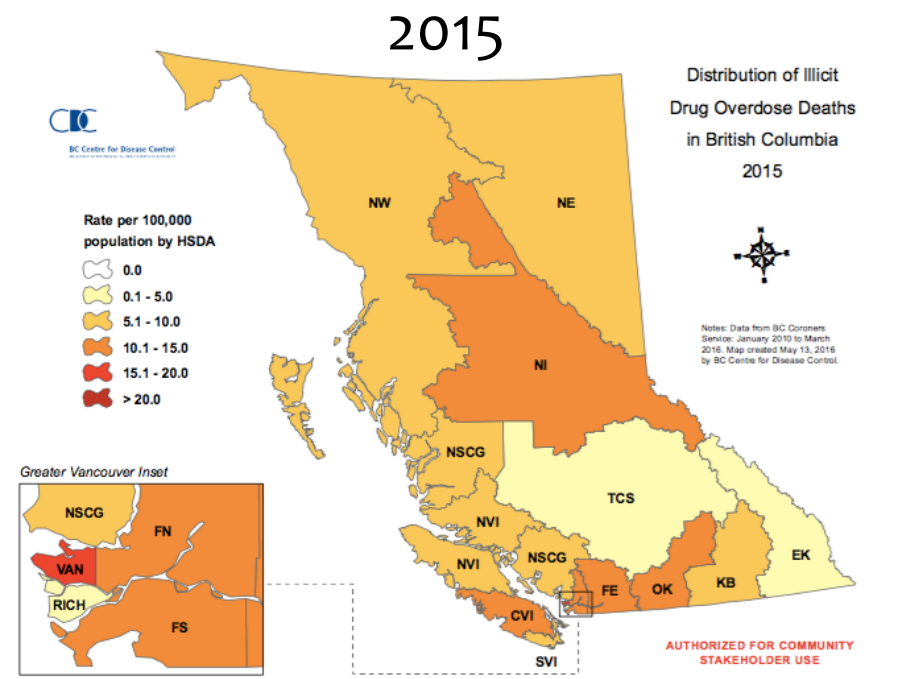
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Distribution of Illicit
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2015
BC Centre for Disease Control
Rate per 100,000
population by HSDA
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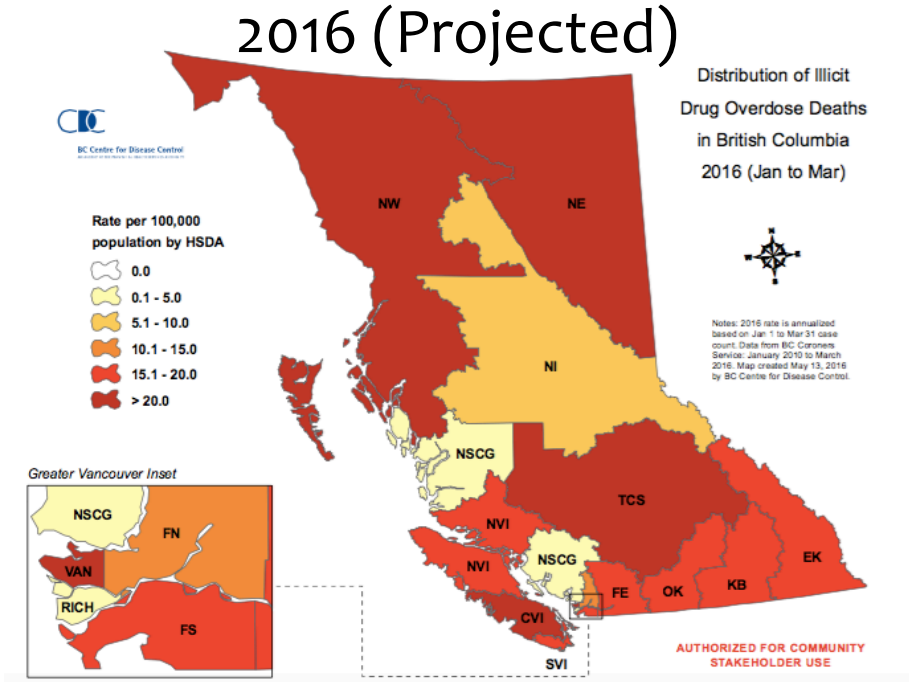
2016 (Projected)
Distribution of Illicit
Drug Overdose Deaths
in British Columbia
2016 (Jan to Mar)
BC Centre for Disease Control
Rate per 100,000
population by HSDA
0.0
0.1 - 5.0
5.1 - 10.0
10.1 - 15.0
15.1 - 20.0
> 20.0
Notes: 2016 rate is annualized based on Jan 1 to Mar 31 case count. Data from BC Coroners Service: January 2010 to March 2016. Map created May 13, 2016 by BC Centre for Disease Control.
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Overdose Deaths in Interior Health

Illicit Drug Overdose Deaths by Region, 2007-2016*										
Region	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016*
Metro	75	60	77	63	93	88	112	129	161	66
Fraser	45	51	49	74	99	90	88	113	171	76
Interior	32	20	33	35	37	31	50	45	60	45
Island	36	44	34	24	47	46	59	56	60	54
Northern	14	8	8	15	16	19	22	23	28	15
Total	202	183	201	211	292	274	331	366	480	256

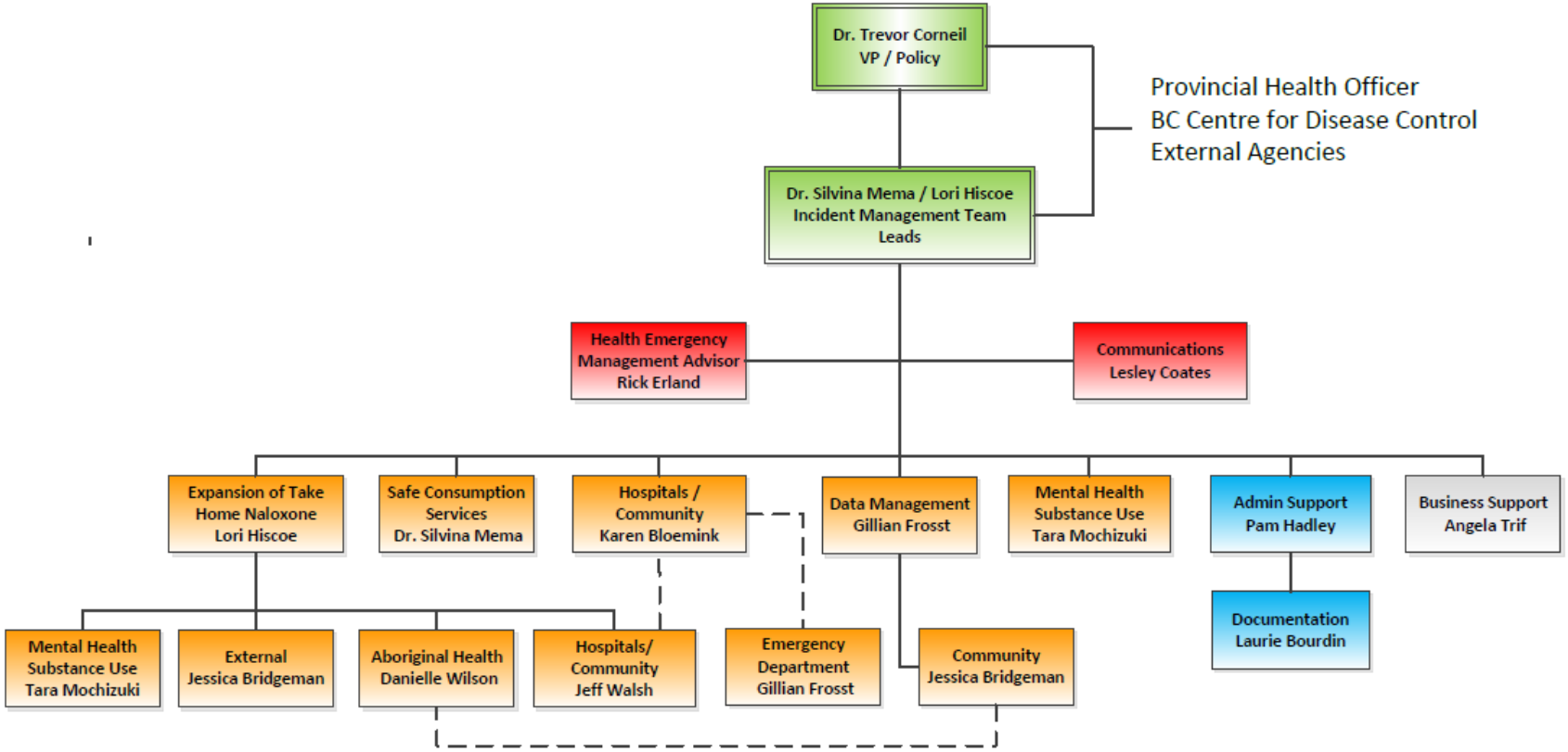
** 2016 data include Jan-Apr*

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

PUBLIC HEALTH EMERGENCY

April 14, 2016 – Public Health Emergency

IH Public Health Overdose Incident Management Structure



SURVEILLANCE: DATA FOR ACTION

Data Sources

Emergency Department Surveillance

Purpose:

* To immediately report opioid overdoses to MHO
* To better understand occurrences of overdoses
* To identify areas and people most at-risk
* To inform targeted public health action to warn and protect the population
* To reduce the number of overdose deaths

TAKE HOME NALOXONE EXPANSION

THN Kit

NALOXONE
3mL
VanishPoint syringe
CPR Face Sh
Alcohol Prep Pad

Expansion of THN

* All emergency departments upon discharge from the ED
* All Public Health Nursing programs
* All MHSU offices
* Community sites working with people who use drugs

SAFE CONSUMPTION SERVICES

Safe Consumption Services

Previous studies have shown that Insite:

* Reduces behaviours which cause HIV infection, such as the sharing of used needles
* Increases use of detox and addiction services
* Reduces public disorder caused by injection drug use in public spaces
* Is highly cost effective

Summary

* Overdose Public Health Emergency and Provincial Health Officer Order

* Next steps:
  * Surveillance from EDs and community
  * Expansion of Take Home Naloxone
  * Safe Consumption Services

QUESTIONS?