

Opioid De implementation Workshop: Setting the Stage

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Collins Bay

Outline

- What is the data telling us?
 - Federally?
 - Provincially?
 - Locally?
- How did this all come about?
- What is being done about it at a population level?
- Let's bring it back to opioid de implementation as a key strategy

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Canada
'Dose as small as a grain of sand can kill you': alarm after Canada carfentanil bust

Discovery of 42kg of opioid, described as 100 times more toxic than fentanyl, in Toronto home throws spotlight on dangerous and poorly understood drug

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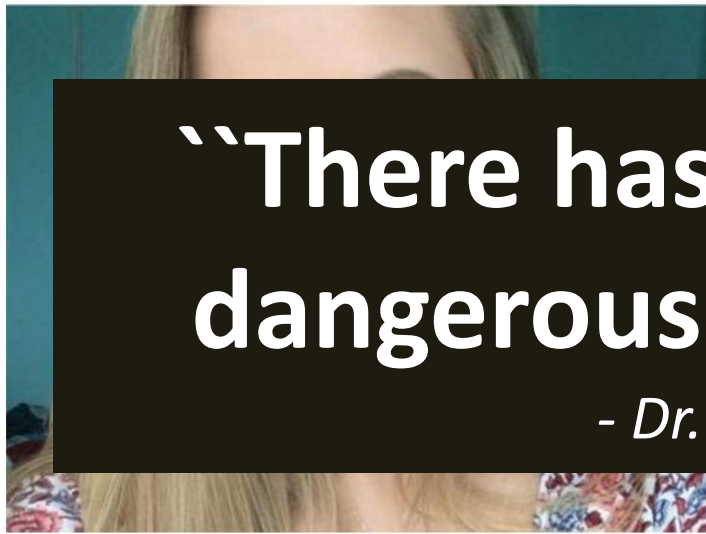
Windows taskbar: File Edit View Favorites Tools Help, icons for Windows, Internet Explorer, File Explorer, VLC, Chrome, Outlook, PowerPoint, Adobe Reader, Word, system tray with time 1:32 PM 13-Nov-17.

“It’s quite necessary in a prohibition environment for drug traffickers to move towards more toxic, smaller chemicals because they’re much easier to traffic,”
- Addictions Medicine Specialist, Dr. Viranii

'One bad pill': Parents of Ottawa teen killed by opioid overdose speak out

NAOMI LIBRACH

FIRST POSTED: FRIDAY, FEBRUARY 24, 2017 08:29 PM EST | UPDATED: FRIDAY, FEBRUARY 24, 2017 08:44 PM EST



Teslin Russell's heartbroken parents have been left with two hard-to-reconcile images of their 18-year-old daughter.

“There has never been a more dangerous time to use drugs”
- Dr. Kieran Moore, MOH

Teslin Russell died in December. Her parents are now speaking out about opioid overdoses.

Friday. “They not having the knowledge to even try and to grasp that



Chloe Kotval, 14, a Grade 9 student at All Saints High School died on Tuesday. Family photo

two fatal drug overdoses by teenagers in the west end.

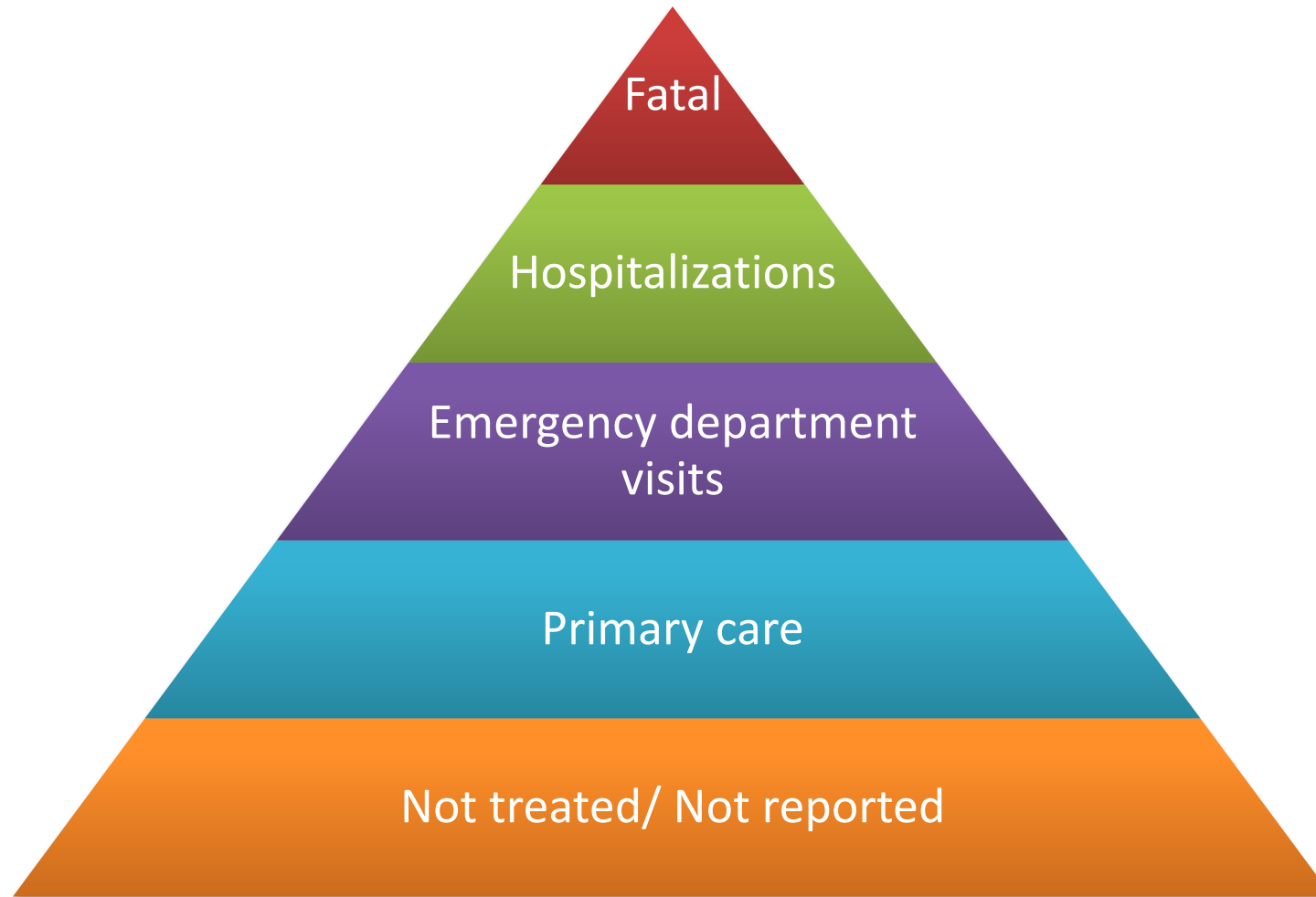
District criminal investigation units probe all sudden deaths in the city, except homicides. West district, which investigates these deaths in Kanata, is currently reviewing two caused by overdoses — that of 14-year-old Chloe Kotval, whose death has sent shockwaves throughout her school community and prompted a city-wide discussion on teen opioid use, and that of an 18-year-old woman.

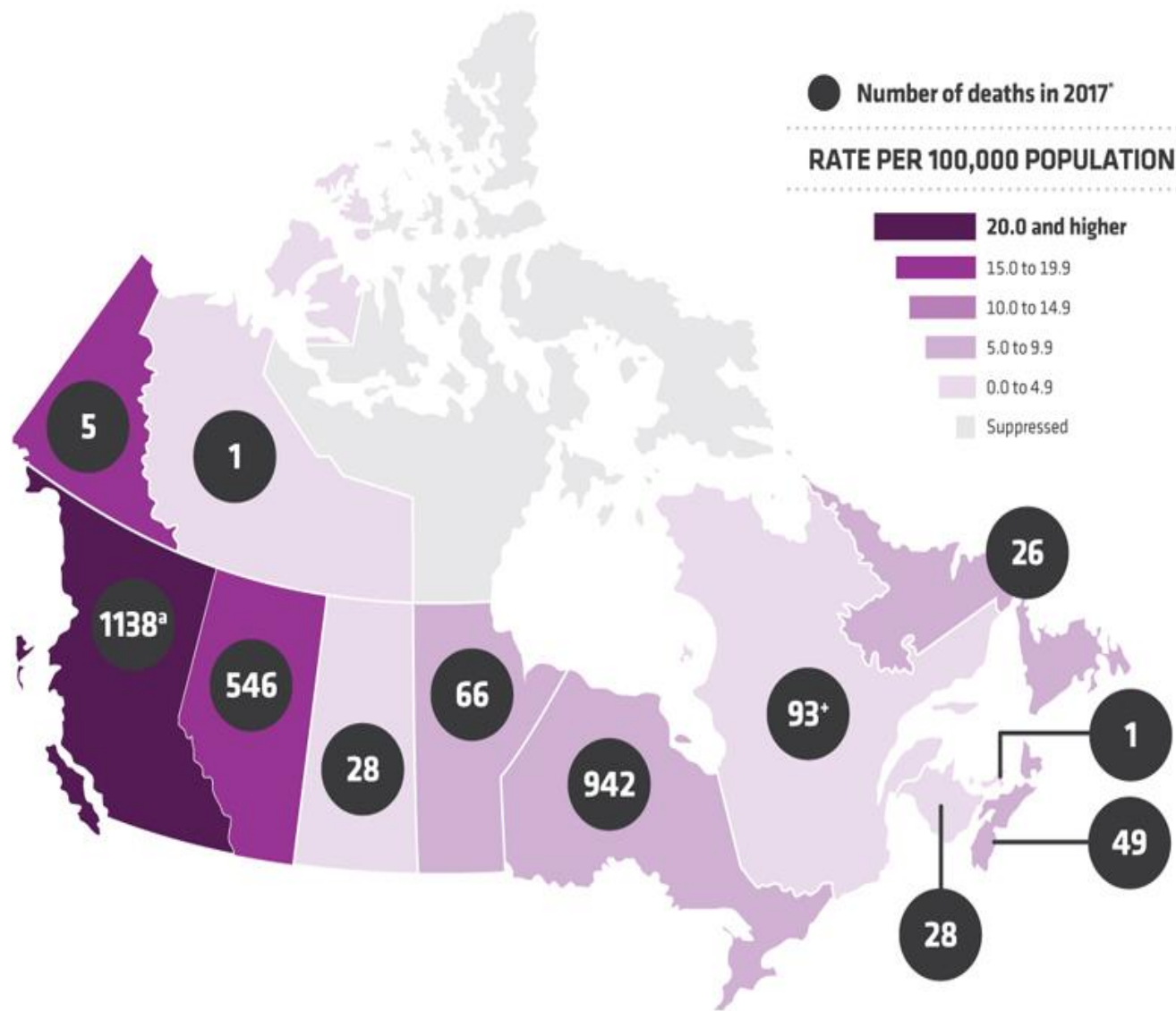
Staff Sgt. Sean Barrett said west district works closely with the coroner to determine cause of death and, if there is no criminal activity involved, no charges will be laid.

SUN+ Article
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The Ottawa police drug unit, which investigates drug trafficking and distribution, is also trying to determine where the drugs that Kotval used came from.

A way to conceptualize opioid related harms





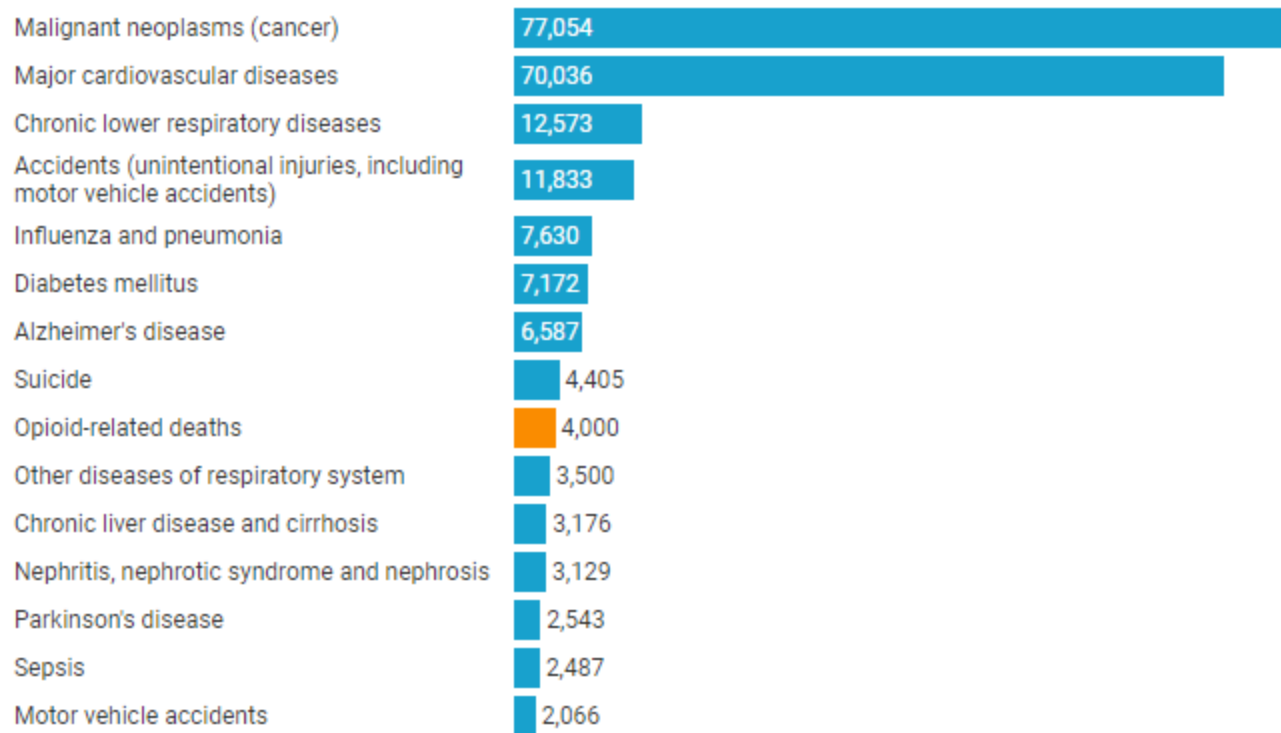
^aIncludes data from July to September only. For 2017 data, Quebec reports deaths related to all illicit drugs including, but not limited to, opioids. This number is expected to rise.

[†]British Columbia reports deaths related to all illicit drugs including, but not limited to, opioids.

[‡]The estimated annual rates for 2017 are based on available data from January to September.

Causes of death in Canada

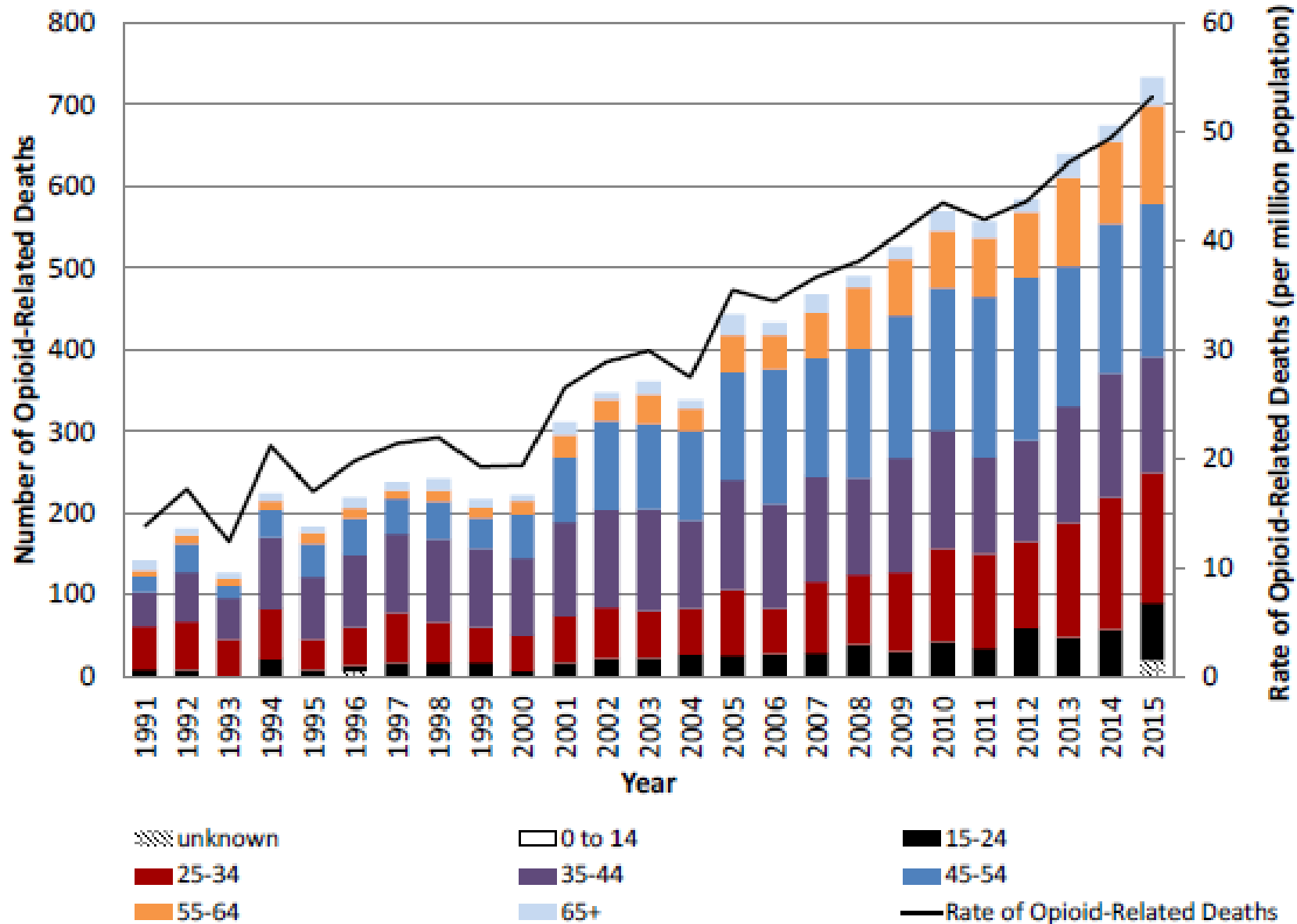
With 4,000 opioid-related deaths estimated for 2017, opioids will likely become one of the top causes of death in Canada.



All causes of death except opioid-related deaths from 2015. Opioid deaths are an estimated total for 2017.

Source: Statistics Canada, Public Health Agency of Canada • [Get the data](#) • Created with [Datawrapper](#)

Figure 1: Trends in Opioid-Related Deaths by Year and Age Groups in Ontario, 1991 to 2015



Situational Update

- ***Opioid related deaths***

3-4 deaths per day (105 a month) in Ontario from Jan to Oct 2017
(increase of 52% from last year)

KFL&A: 22 deaths from Jan – Oct 2017

- ***Opioid related hospitalizations***

2449 ED visits from July to September 2017 (increase of 29% from last year)

- ***ED visits***

KFL&A Public Health: ED visits above provincial averages (July-Sept)

Situational Update

- Some further demographic information:
 - Median age: 42
 - 74% male
 - 50% of cases are 25-44
 - ½ of the cases were unemployed (construction most common industry of those currently or previously employed)
 - 81% using for 5 or more years
 - 46% challenges with mental wellness

Situational Update

- 67% had fentanyl present (not sure yet if fentanyl direct cause of death)
- 55% had cocaine as well (compared to 44% last year)
- 58% deaths occurred in private residences

How did we get here?

Patient Factors

Predisposition –
adverse childhood
experiences (e.g
trauma), genetic

Awareness/education
re: opioid risks

Physician Factors

Over prescription

Lack of screening

Lack of informed
consent

Tapering quickly?

System Factors

Access to mental
health care

Access to addictions
treatment

Access to affordable
ancillary pain treatment

Societal resiliency and
attitude towards meds



Keep in mind root causes

The three types of ACEs include

ABUSE



Physical



Emotional



Sexual

NEGLECT



Physical



Emotional

HOUSEHOLD DYSFUNCTION



Mental Illness



Mother treated violently



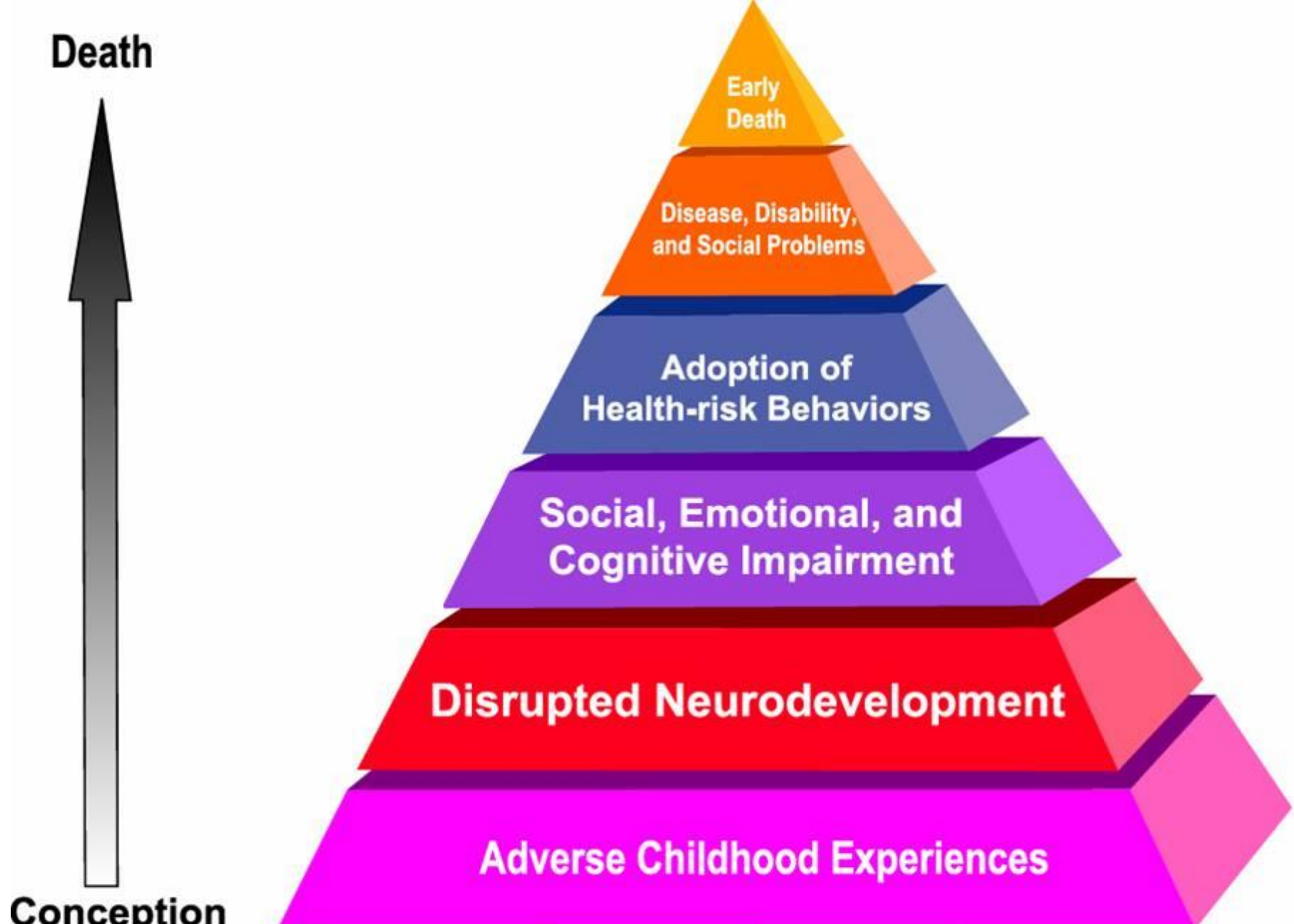
Divorce



Incarcerated Relative



Substance Abuse



Death

Early
Death

Disease, Disability,
and Social Problems

Adoption of
Health-risk Behaviors

Social, Emotional, and
Cognitive Impairment

Disrupted Neurodevelopment

Adverse Childhood Experiences

Conception

**Mechanisms by Which Adverse Childhood Experiences
Influence Health and Well-being Throughout the Lifespan**

KFL&A
Public Health

The researchers painted the walls with scenes of woodlands, and natural environments.

They covered the floor with fragrant cedar shavings for the rats to nest in...

...and scattered boxes and cans for the rats to hide and play in.

THE OPPOSITE OF ADDICTION
IS NOT SOBRIETY
IT IS HUMAN CONNECTION

— Johann Hari



Importantly, the researchers gave the rats other rats to play, fight, mate, and interact with.

Satisfied they had created a rodent paradise...

...they named the enclosure 'Rat Park'...

...and began experimenting on the rats.

We were misled...

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THE FAMILY THAT BUILT AN EMPIRE OF PAIN

The Sackler dynasty's ruthless marketing of painkillers has generated billions of dollars—and millions of addicts.

By Patrick Radden Keefe

An addiction specialist said that the Sacklers' firm, Purdue Pharma, bears the "lion's share" of the blame for the opioid crisis.
Illustration by Ben Wiseman

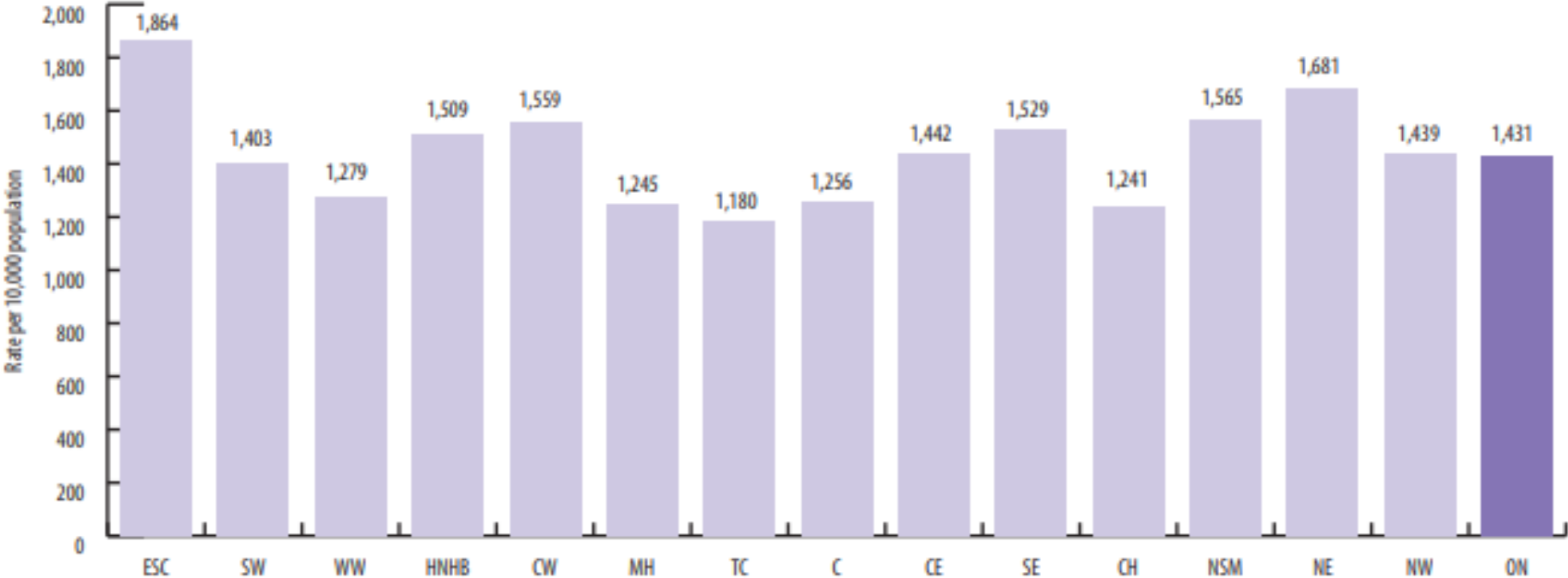
The north wing of the Metropolitan Museum of Art is a vast, airy enclosure featuring a banked wall of glass and the Temple of Dendur, a sandstone monument that was constructed beside the Nile two millennia ago

SQUARESPACE

L&A Health

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Figure 1.5: Rate of individuals dispensed an opioid per 10,000 population, by LHIN, FY 2014/15



Data source: Narcotics Monitoring System (NMS), MOHLTC, 2014/15.

What we are doing?

Figure 6. The Four-Pillar Approach to Drug Problems

