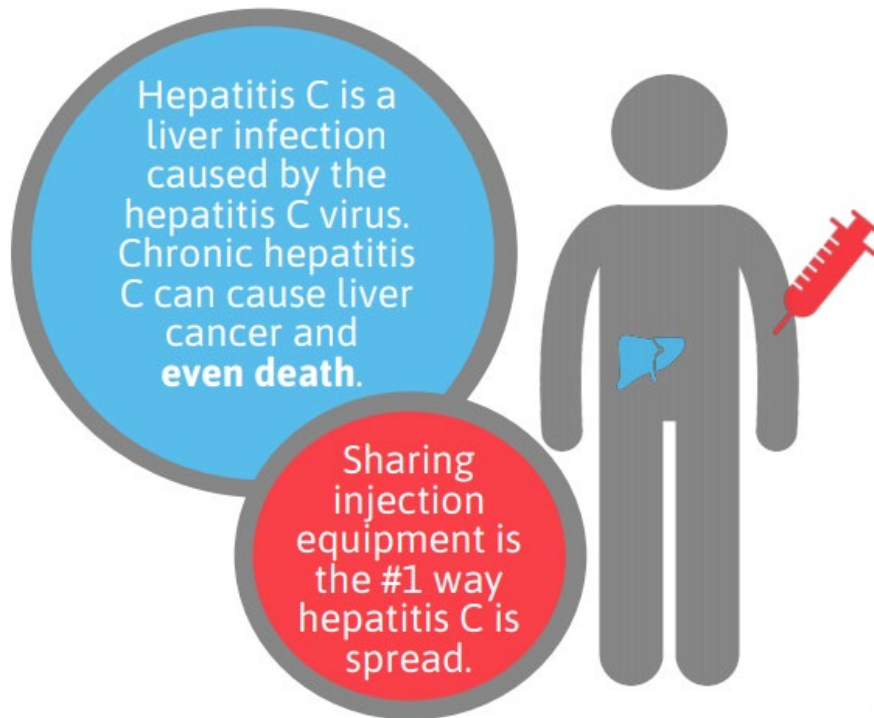


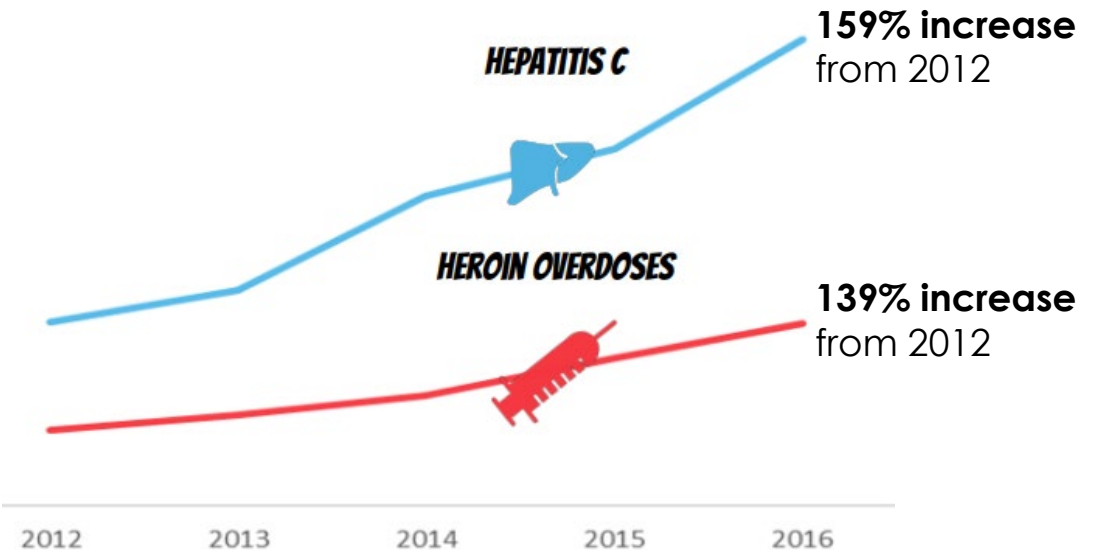
Fatal Opioid Overdose, HIV, and Hepatitis C Virus (HCV) Vulnerability Assessment



Overdoses and HCV rates rising as injection drug use has increased



In California, rates of hepatitis C and heroin overdoses among young adults (ages 25-29) are increasing together, at a similar rate.



Injection-related HIV outbreaks occurred in unexpected places...

Chicago Tribune

Web and Site search (Try, "Chicago Tribune")



Search

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TODAY

CORONAVIRUS IN ILLINOIS UPDATES

Indiana HIV outbreak, hepatitis C epidemic sparks CDC alert

By TRIBUNE WIRE REPORTS
APR 24, 2015 AT 1:03 PM

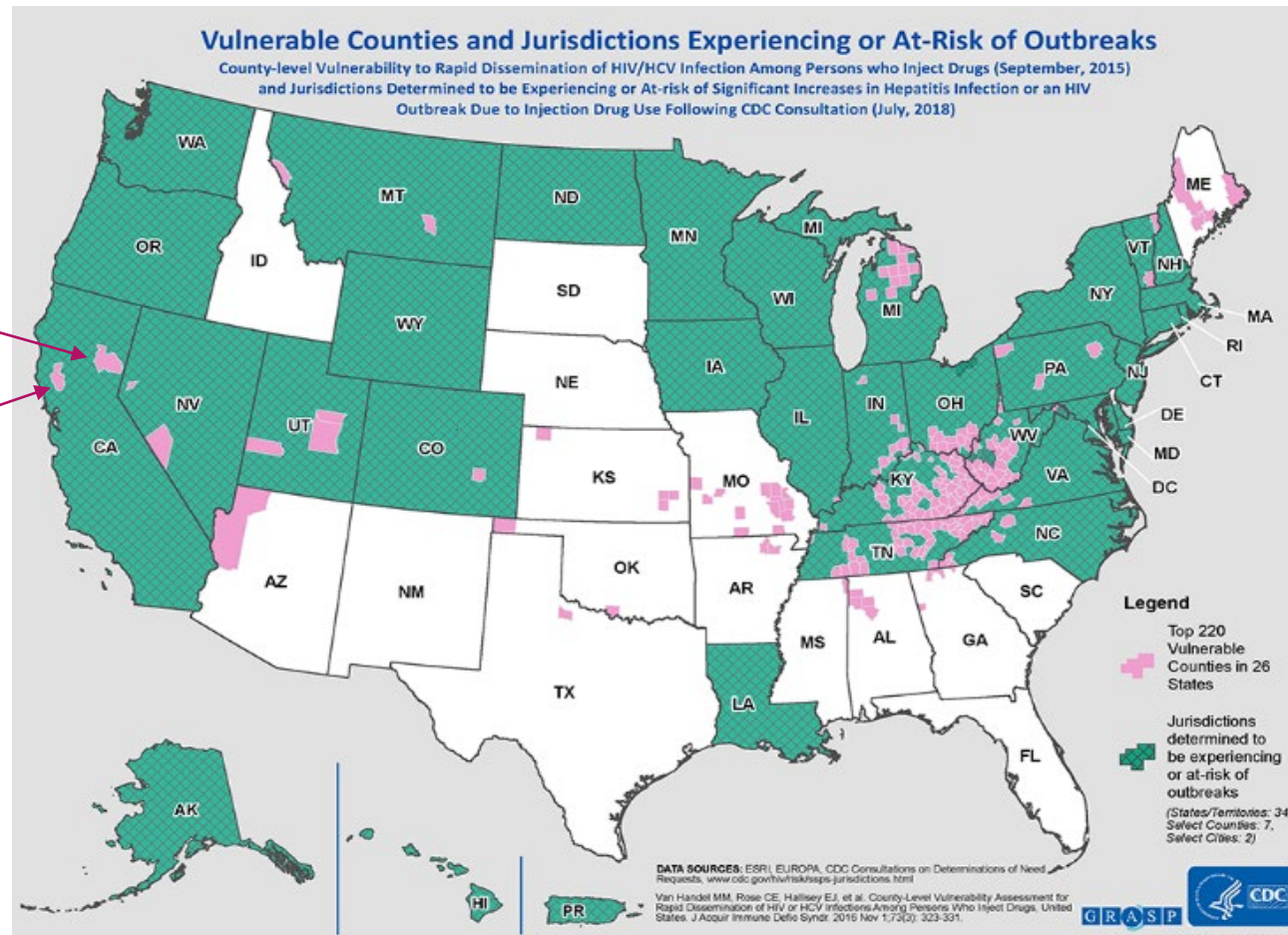


Indiana Gov. Mike Pence responds to a question during a news conference, March 25, 2015, in Scottsburg, Ind. (Darren Cummings)

CDC assessed county-level HIV/HCV vulnerability nationwide

Plumas County

Lake County



California conducted its own vulnerability assessment

Goals of the vulnerability assessment

1. Identify California counties at risk for a rapid increase related to injection drug use of:
 1. fatal opioid overdose or
 2. HIV, or HCV
2. Develop tools and resources for local health officials to use in prevention and response to these overlapping epidemics
3. Share findings to inform local public health action

Every county has some vulnerability

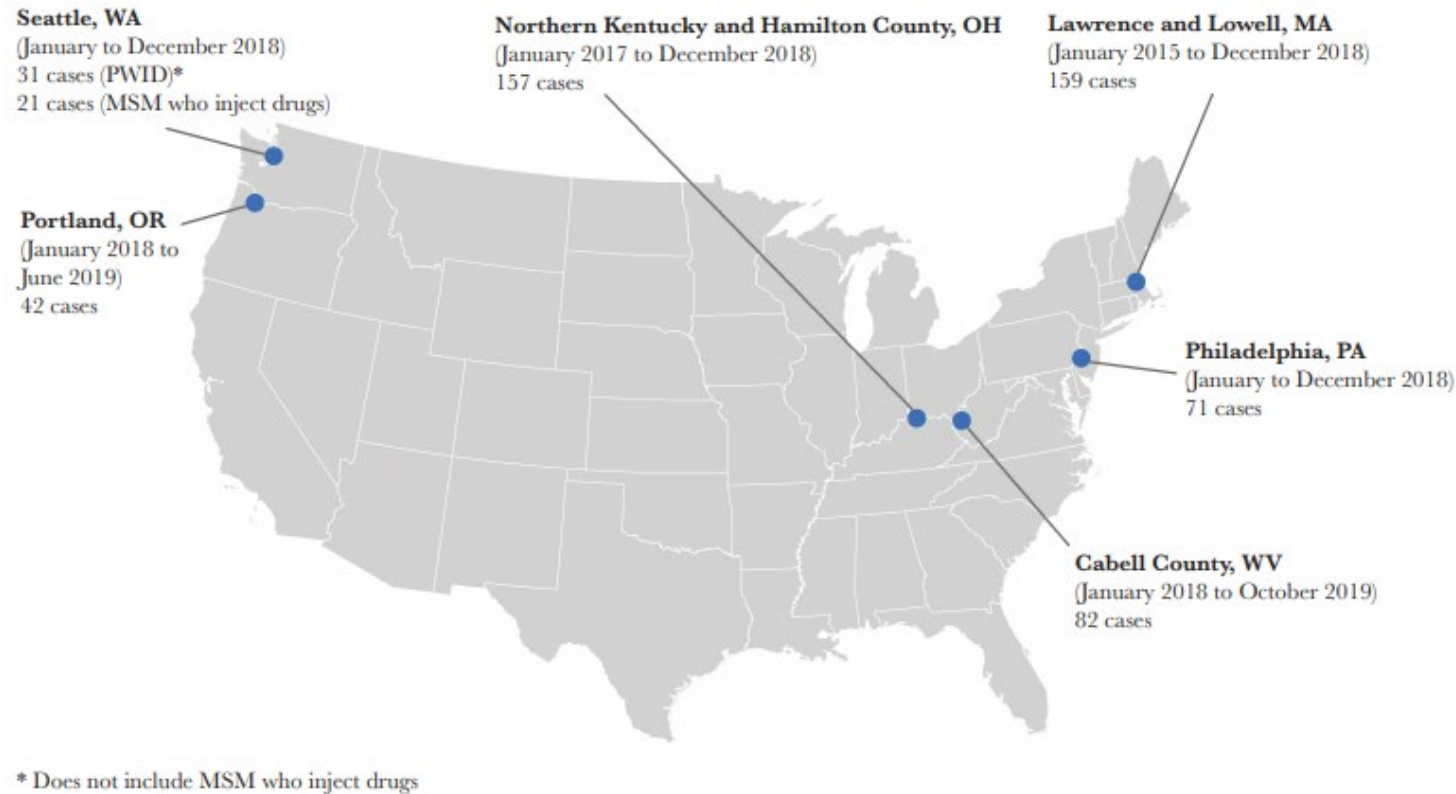
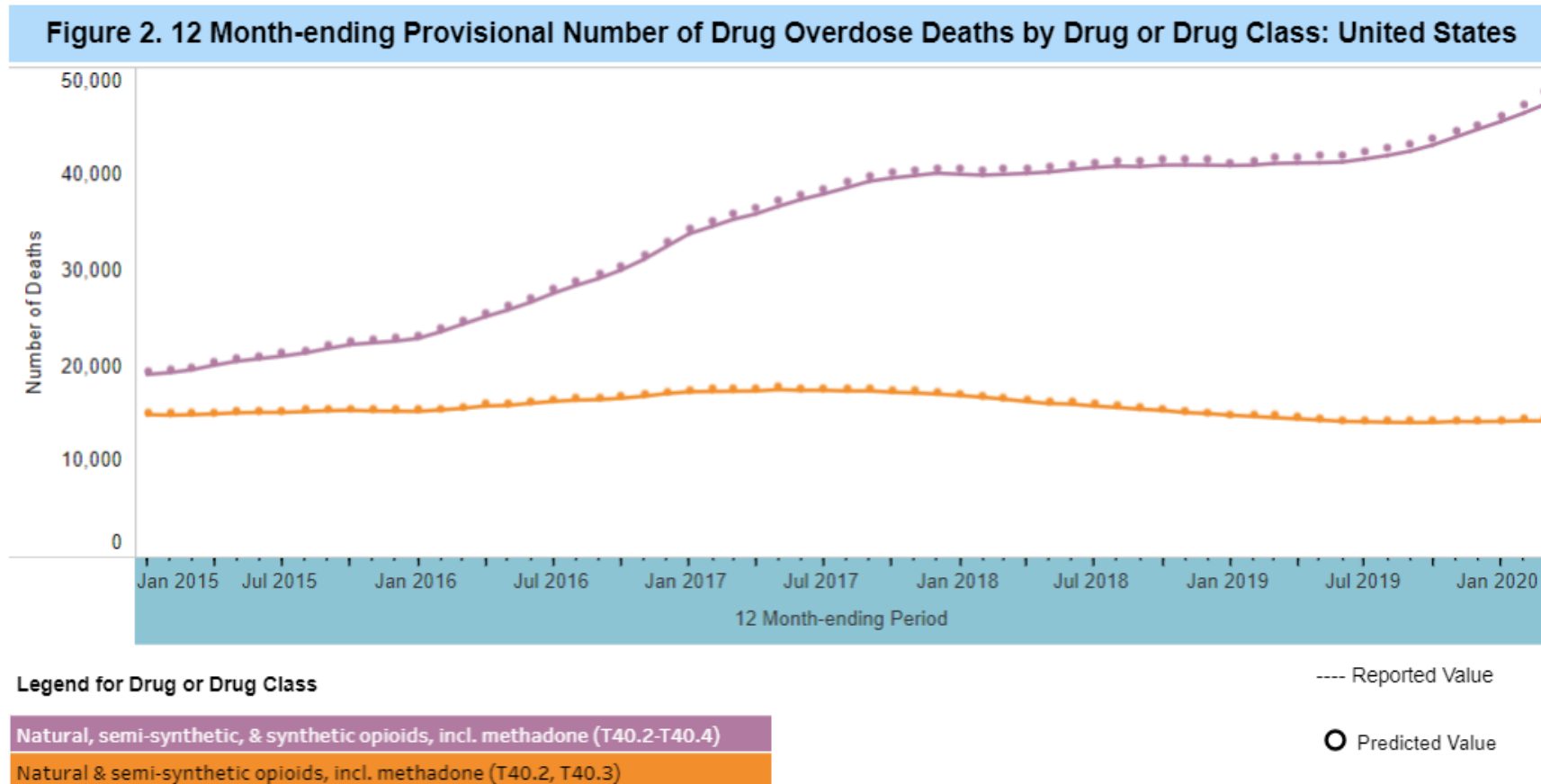


Figure 1. Human immunodeficiency virus outbreaks among persons who inject drugs (United States, 2016–2019). Abbreviations: MSM, men who have sex with men; PWID, persons who inject drugs.

Fatal drug overdoses may be increasing during COVID-19



Source: <https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>

Every county can implement five key preventive measures to help reduce their vulnerability

Preventive Measures

1. Increase Medication Assisted Treatment
2. Increase Naloxone Distribution
3. Increase Syringe Service Programs
4. Increase HIV testing, linkage to care, and treatment
5. Increase HCV testing, linkage to care, and treatment

Preventive services need to be expanded at scale for maximum benefit

If key **preventive services** are accessible at scale to all **community members** in every county, California can:

- 1) dramatically reduce opioid overdose deaths
- 2) prevent HIV transmission due to injection drug use
- 3) dramatically reduce hepatitis C transmission

Case study: Plumas County

Notified CDC
Rated Plumas
County as
High
Vulnerability



Naloxone
Distribution

Syringe
Services
Program

Contingency
Management



Northern Sierra
Opioid Safety
Coalition

Medication
assisted
treatment

HCV Testing &
Linkages to
Care

2015

2016

2018

2019

2020

Tools are available to support local public health action

- ▶ **Vulnerability Assessment Report** – Executive Summary explains the analysis and its findings; Technical Notes explain methods in more depth
- ▶ **Talking Points** – Available for local health officers only to explain the analysis and its findings to the media and the public
- ▶ **County Data Sheets** – Available for local health officers only to quickly assess local opioid overdose, HIV, and HCV data in their jurisdiction
- ▶ **Resource List** – Available for local health officers, community-based organizations, and the public on how to access preventive services recommended in the vulnerability assessment report
- ▶ **Action Planning List** - Available for local health officers, community-based organizations, and the public outlining possible action steps to start or scale up evidence-based strategies to reduce county-level vulnerability

Technical Assistance

Hepatitis C

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Harm Reduction in Community Based Organizations

National Harm Reduction Coalition

www.harmreduction.org

Acknowledgments

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