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Harm Reduction Panel

Billy Brooks

East Tennessee State University, brooksb1@etsu.edu

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Harm Reduction Panel

Prevention and Harm Reduction Panel
A Tough Pill to Swallow
August 17th, 2018

Bill Brooks, DrPH, MPH



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Outline

- I. Epidemiology of HIV/HCV/Opioid Epidemics
- II. What is Harm Reduction
- III. SSPs: Description, criticisms, and benefits
- IV. Current State of Affairs



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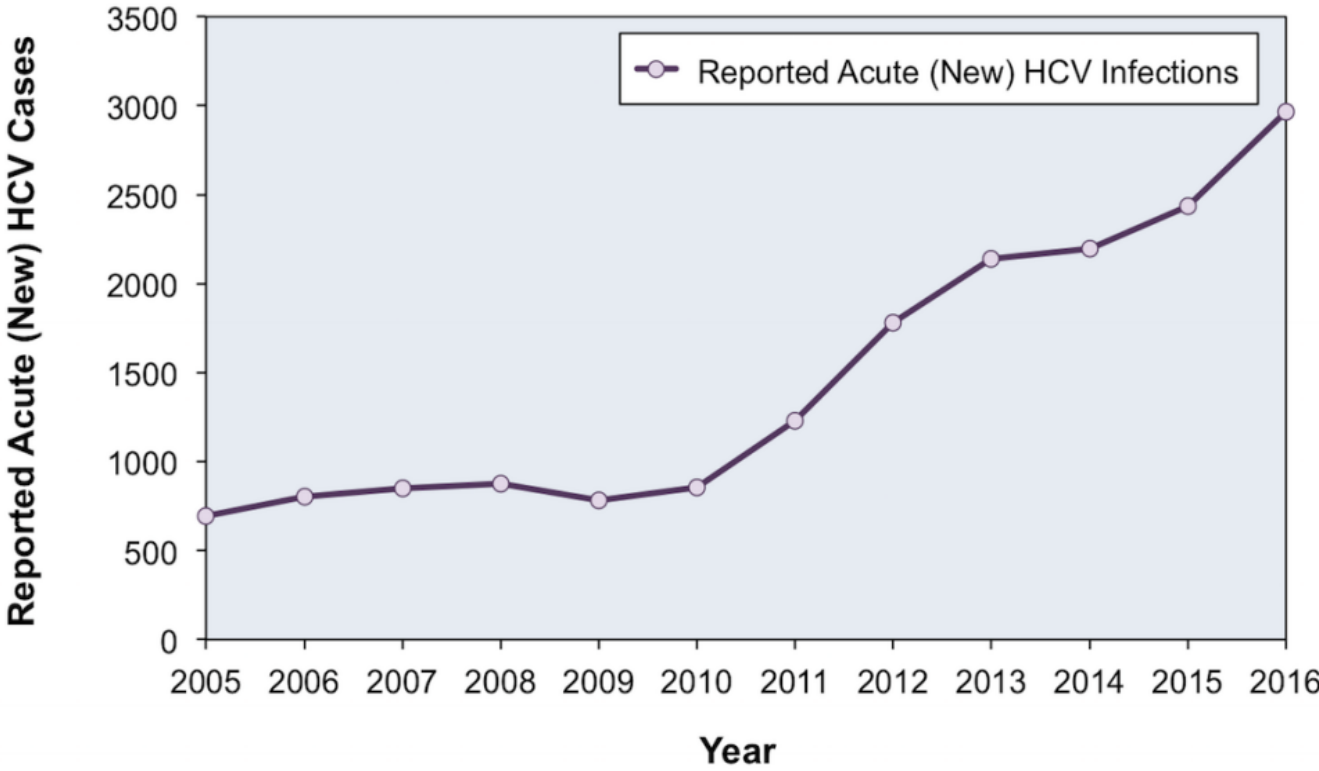
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Intersecting Epidemics



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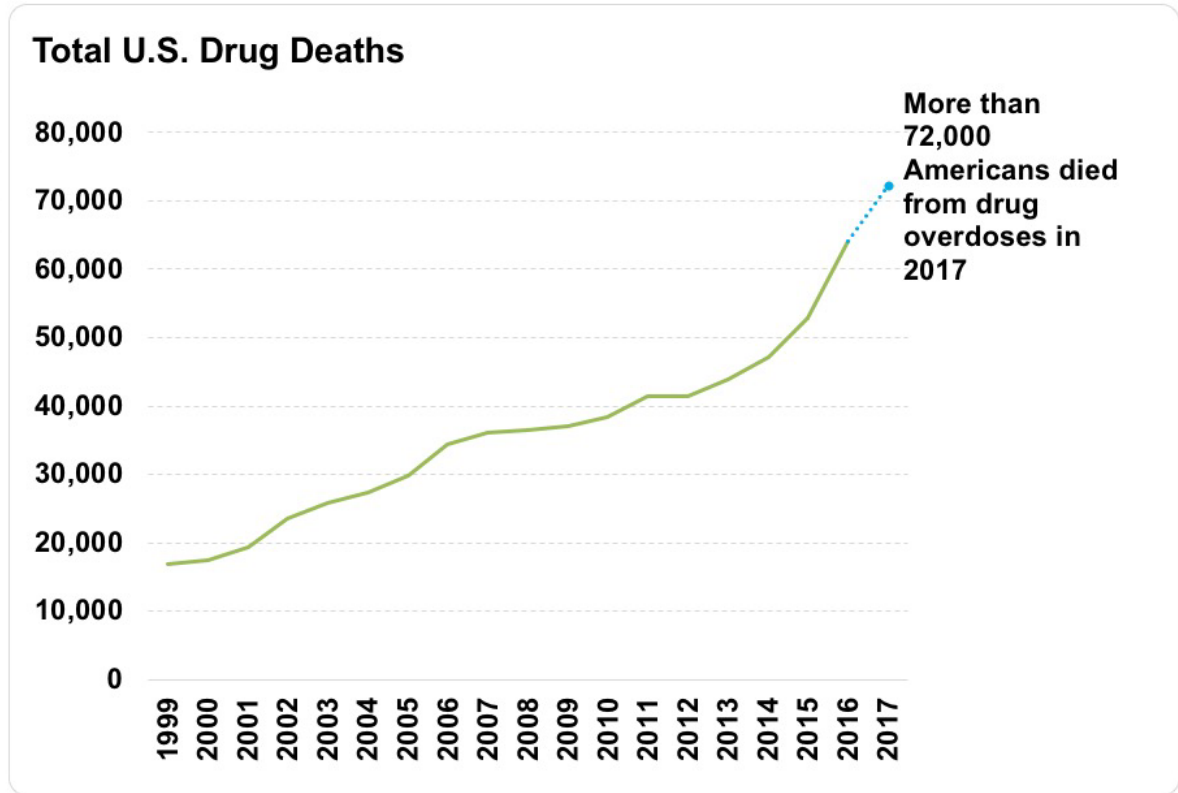


4-fold increase in annual acute HCV cases between 2005 and 2016.

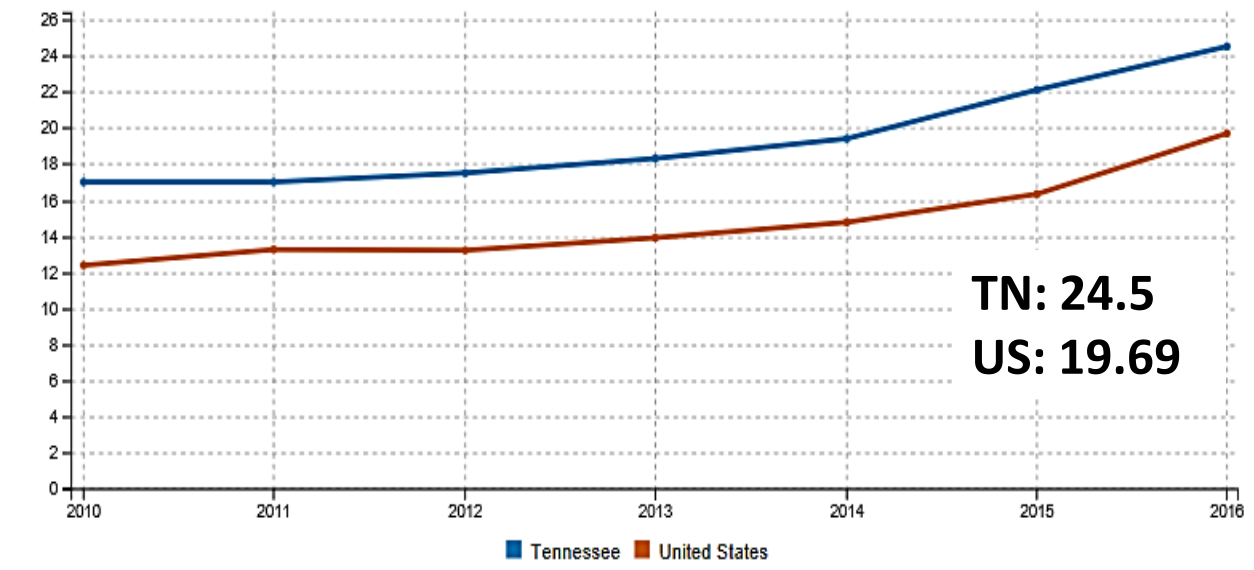
2-fold increase in drug overdoses between 2007 and 2017.

Estimated 73% of annual HCV infections in KY, VA, TN, WV are among people who inject drugs (PWID).

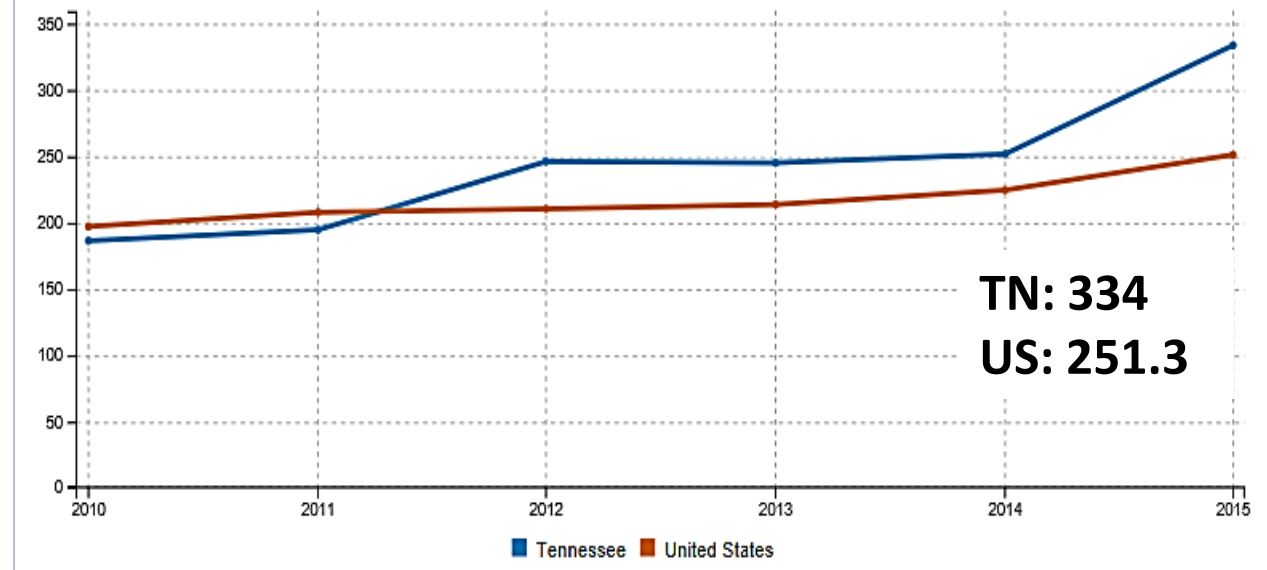
Approximately 75% of PWID in the U.S. with HIV are infected with HCV.



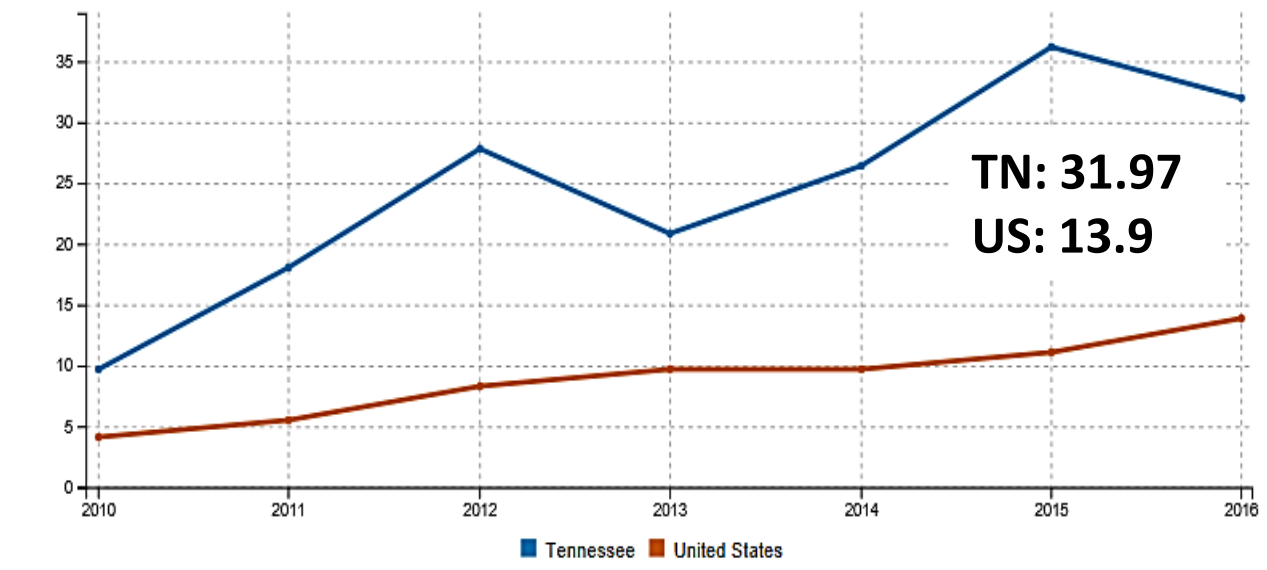
Drug-related Deaths per 100,000 ⓘ



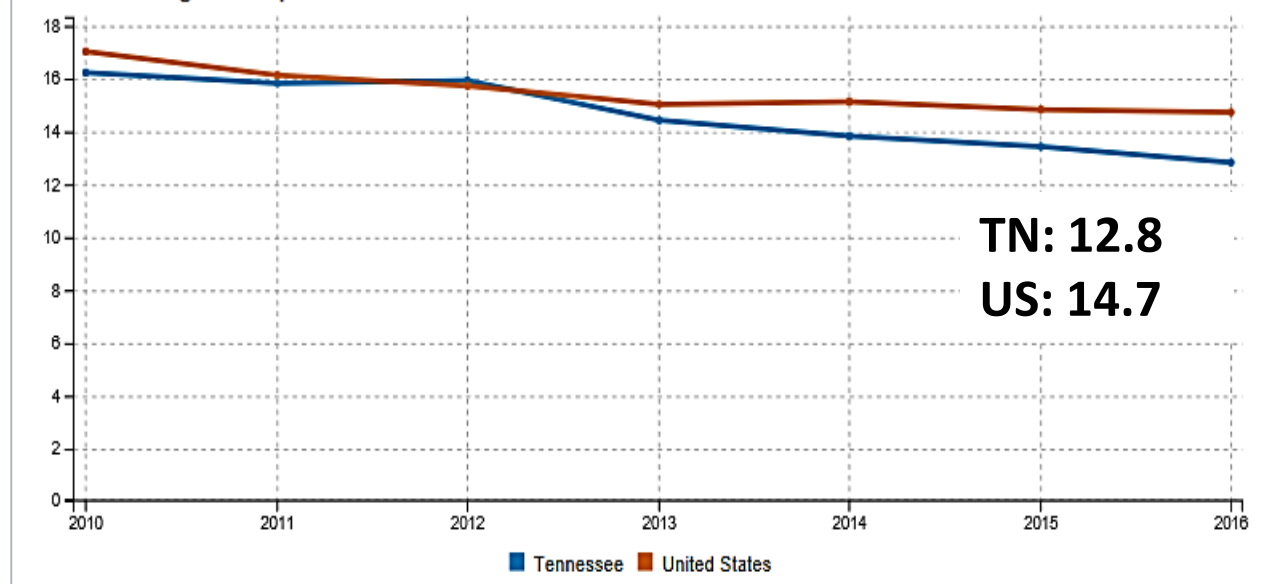
Inpatient Stays Resulting from Opioids per 100,000 ⓘ



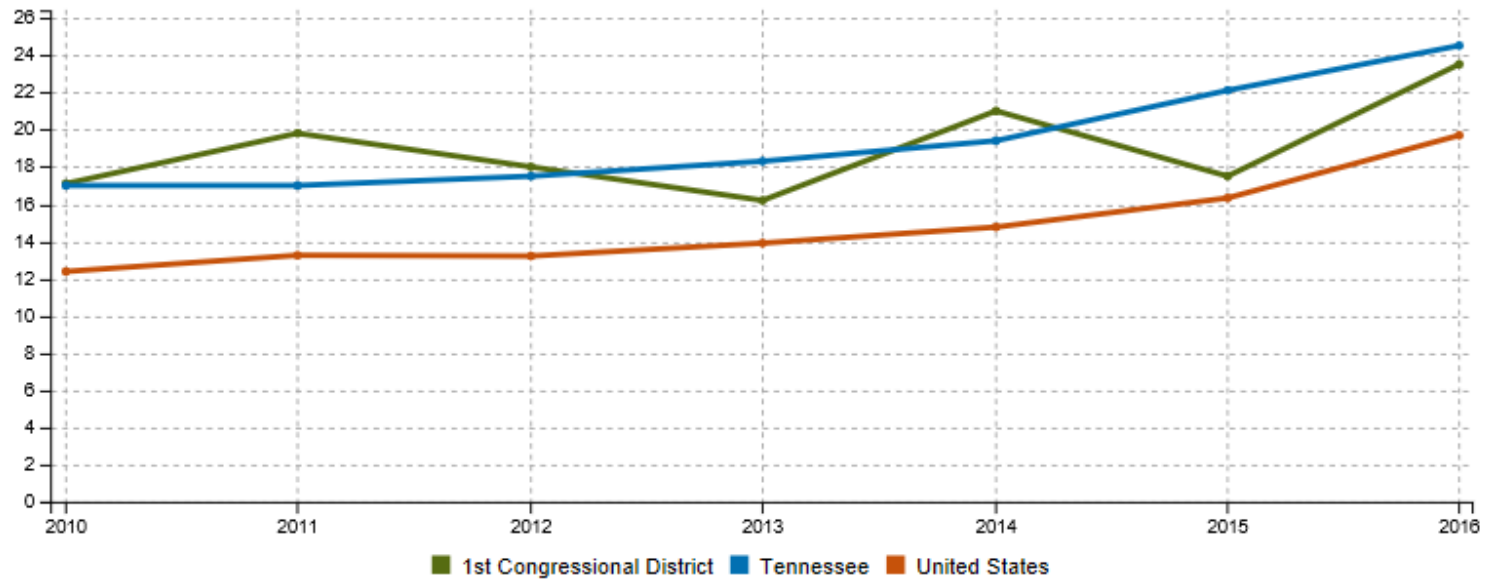
Estimated Acute Hepatitis C Cases per 100,000 ⓘ



New HIV Diagnoses per 100,000 ⓘ



Drug-related Deaths per 100,000



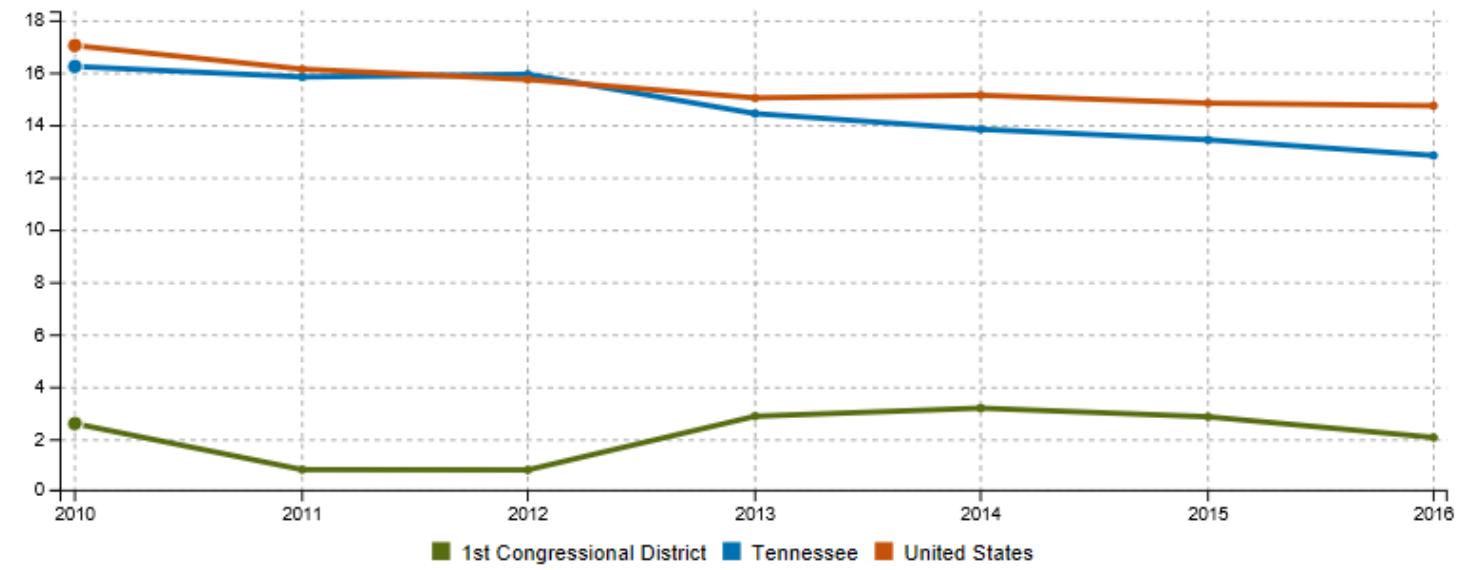
Drug-related Deaths, 2016

- US: 19.69 per 100,000
- TN: 24.5 per 100,000
- District: 23.5 per 100,000

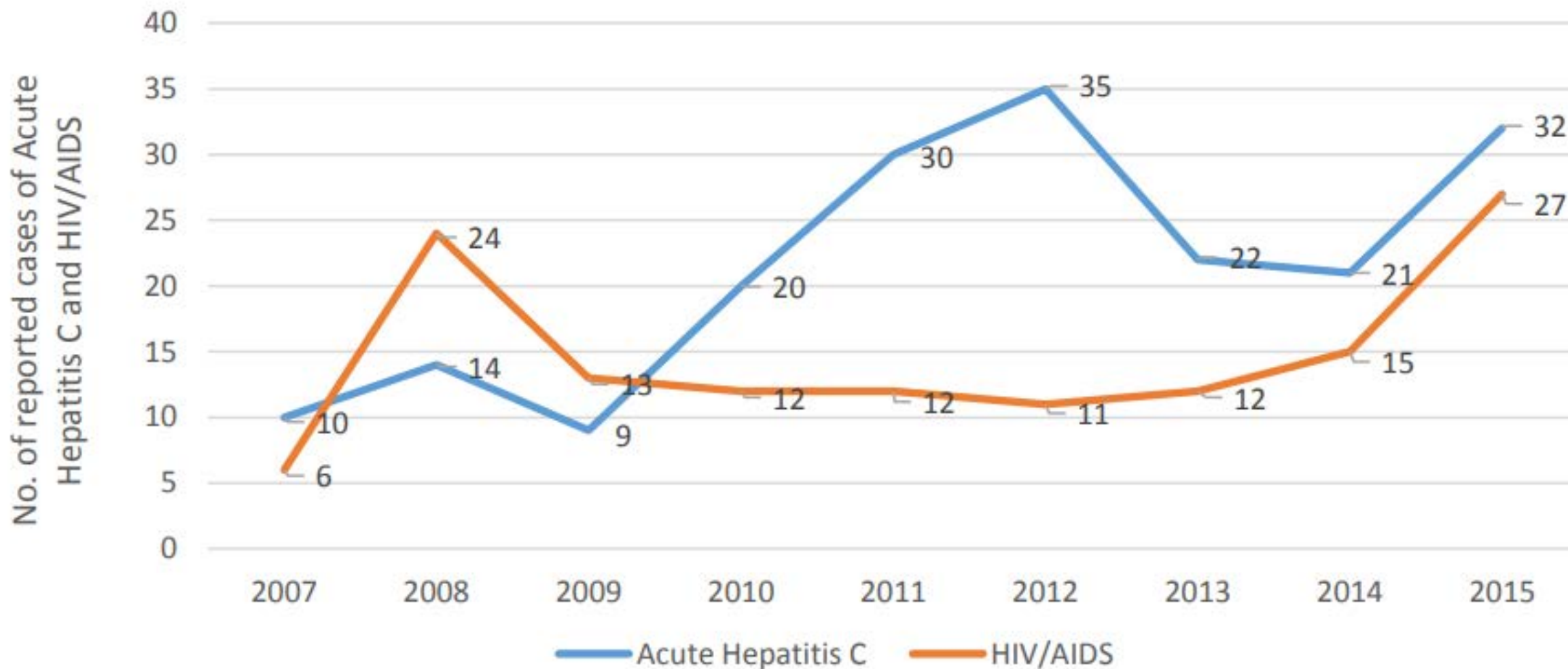
New HIV Diagnoses, 2016

- US: 14.7 per 100,000
- TN: 12.8 per 100,000
- District: 2.03 per 100,000

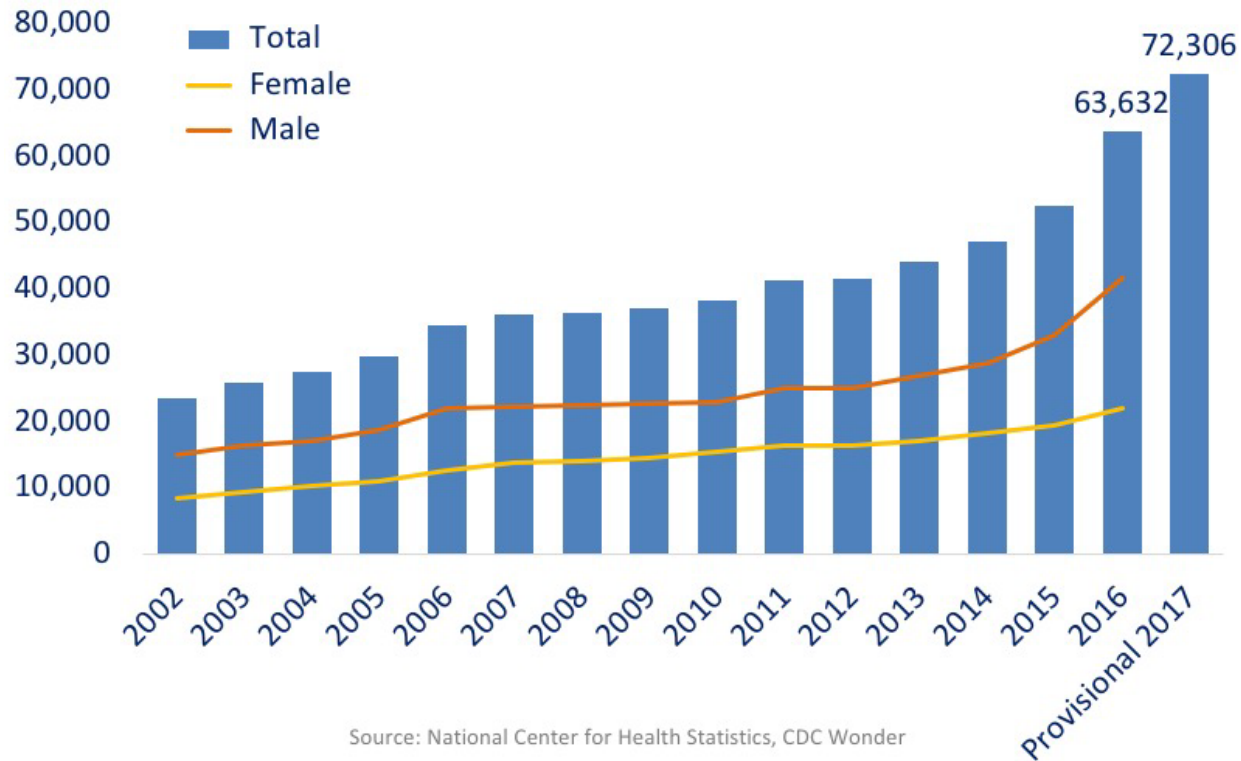
New HIV Diagnoses per 100,000



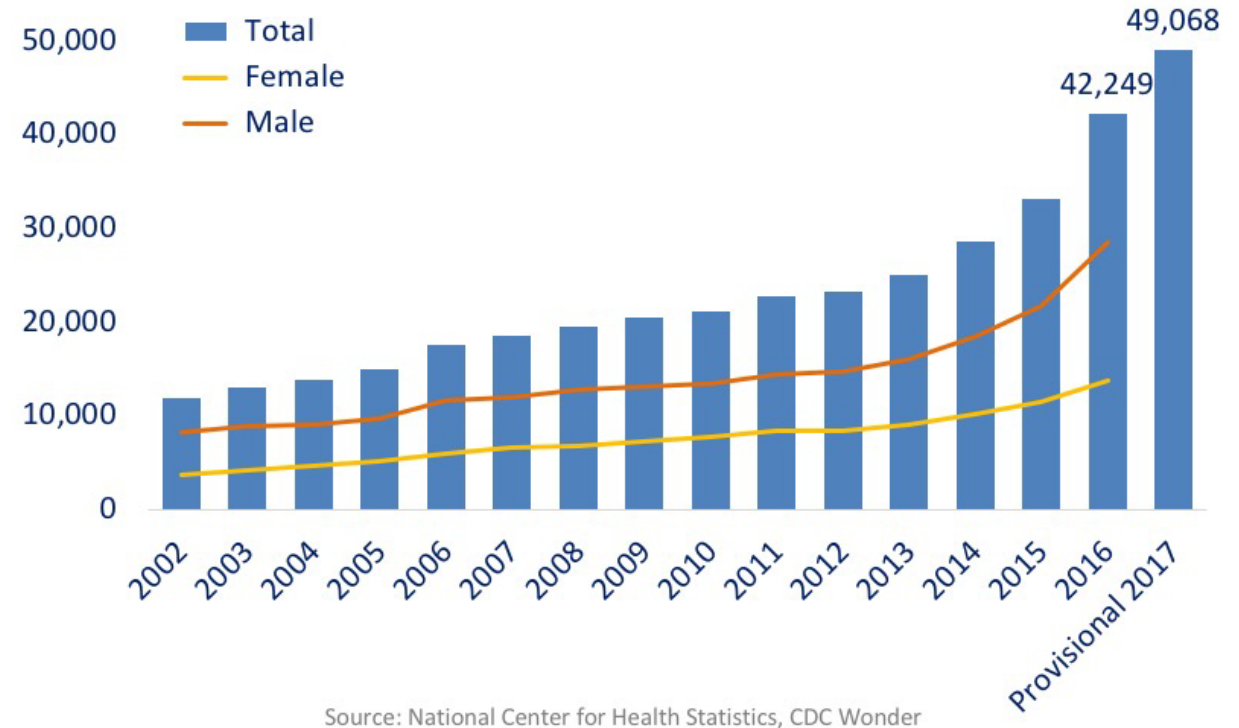
Number of Reported Cases of HCV and HIV/AIDS in Northeast TN, 2007-2015



Number of Deaths Involving All Drugs



Number of Deaths Involving Opioids



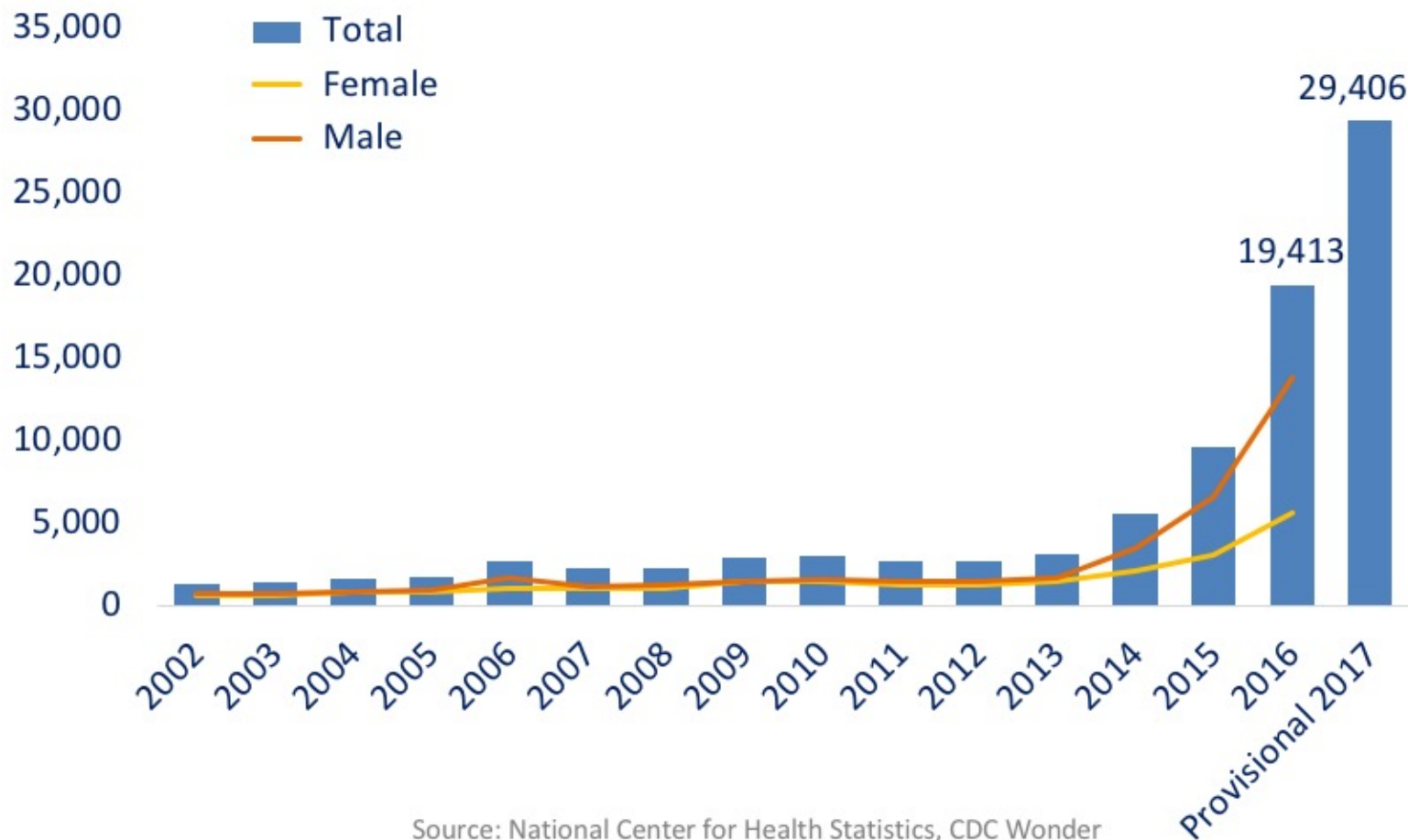
66.4% of Overdoses Attributable to Opioids in 2016

Opioid Pain



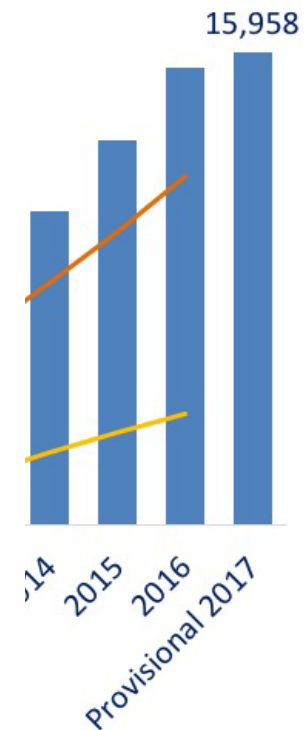
National Overdose Deaths

Number of Deaths Involving Other Synthetic Opioids (Predominately Fentanyl)

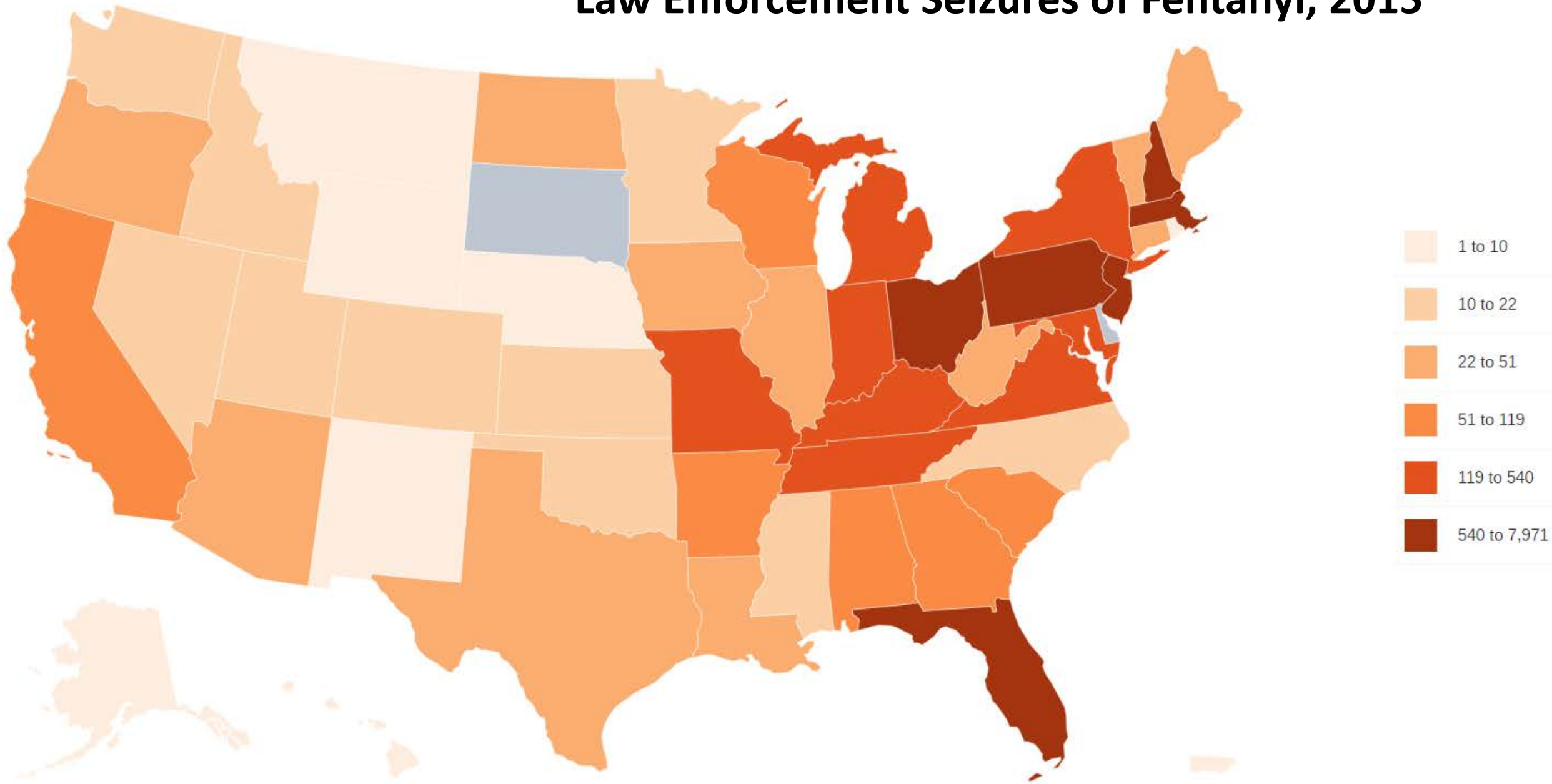


Source: National Center for Health Statistics, CDC Wonder

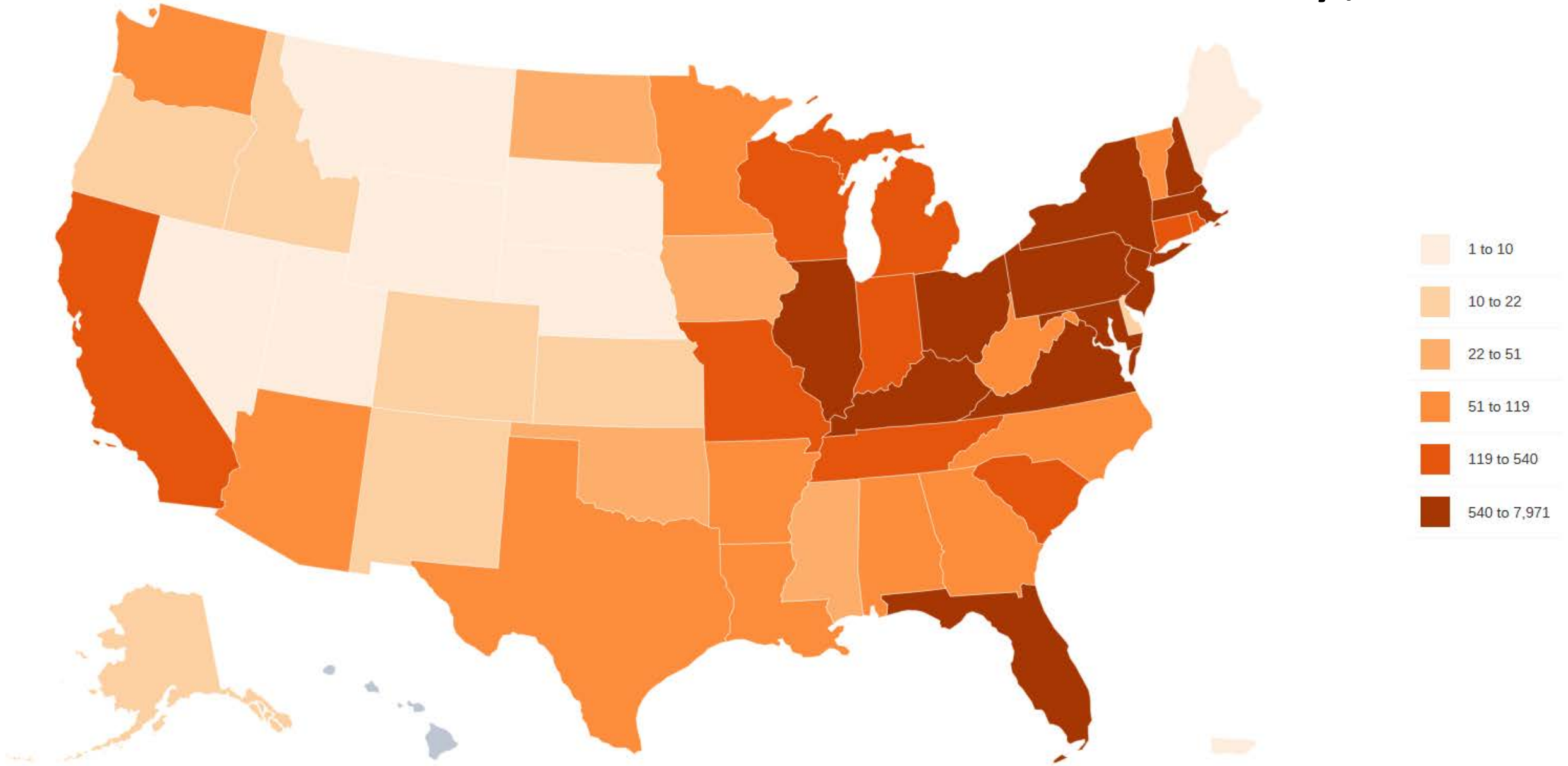
Heroin



Law Enforcement Seizures of Fentanyl, 2015



Law Enforcement Seizures of Fentanyl, 2016





What is Harm Reduction?



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A set of policies, programs and practices aimed at reducing negative consequences associated with drug use or other risky behavior



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Harm Reduction Strategies

- Information, education, communication
- Warning systems
- Motivational interviewing
- Medication assisted treatment
- Overdose reversal
- Needle and syringe programs
- Decriminalization
- Safe injection facilities
- Heroin prescribing



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4 mg
NARCAN[®] NASAL SPRAY

20-USE (1/5000 2008)
ATMID 823001 001 001 001 001



NALOXONE KIT





REF 388
1784 04 11

WARNING

BD Sharps Collect

DO NOT FILL ABOVE THIS LINE



Key Harm Reduction Tenets

- Minimize harm vs ignore/condemn
- Functioning/wellbeing emphasis vs cessation
- Acknowledging continuum of behavior
- Non-judgmental
- Empowers users to be agents of harm reduction
- Recognizes the cumulative effect of social determinants
- Does not ignore potential harm/danger



Harm Reduction Goals

- Avoids exacerbating the harm caused by the misuse of drugs
- Treats drug users with dignity and as normal human beings
- Maximizes the intervention options
- Is based on the prioritizing of achievable goals
- Is neutral regarding legalization or decriminalization
- Distinct from a war on drugs



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Syringe Service Programs (SSP)

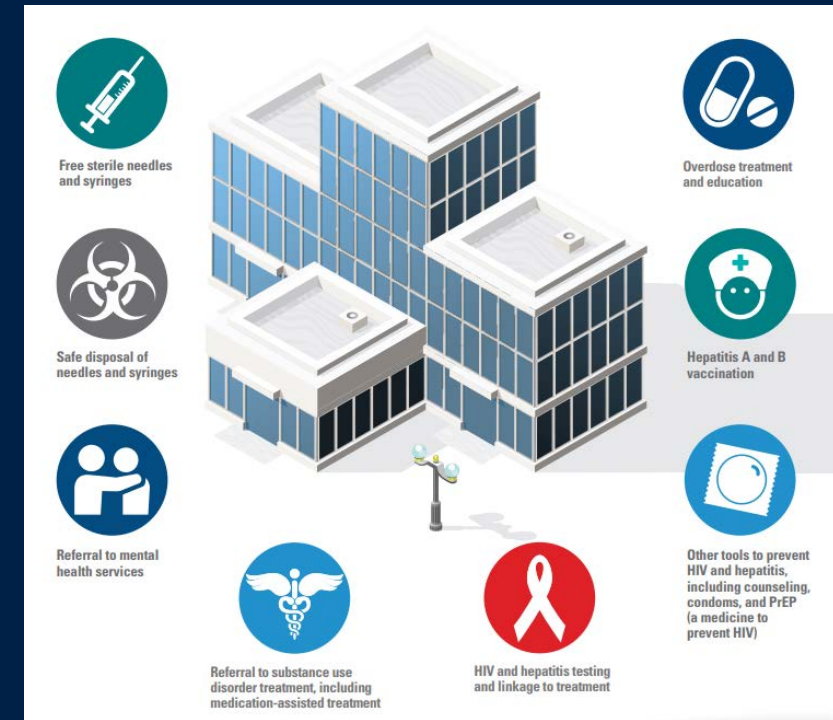


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Syringe Service Program

- Sterile needles and other injection equipment
- Safe disposal containers
- HIV/HCV testing
- Education
- Referral to substance abuse services
- Referral to medical, mental health, and social services
- Counseling, condoms, vaccination
- Overdose reversal training and equipment



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Benefits

- Increase entry into substance abuse treatment by up to 5X
- Decrease or stop injecting drugs
- Reduces overdose deaths
- Reduce new HIV and HCV infections
- DO NOT increase drug use or crime



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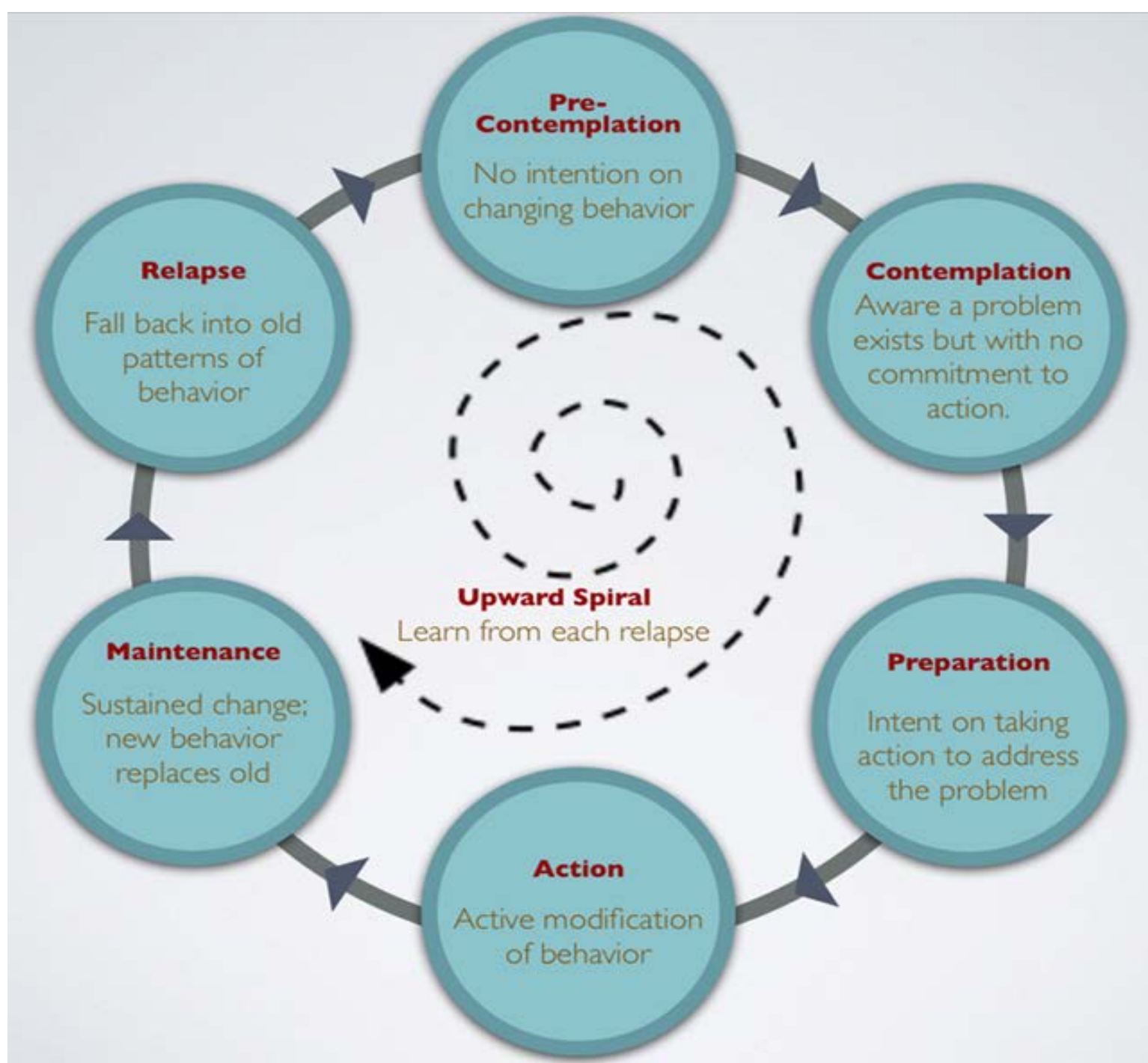
Benefits

- Access to population of drug users
 - Research
 - Policy development
 - Provision of health services
 - Surveillance
- De-stigmatization
 - Mental health improvement
 - Re-integration into community



Stages of Change

- Exercise
- Health eating
- Smoking
- Drinking
- Going back to school
- Reading books
- Playing more with our kids
- Cleaning the house
- Flossing
- Paying bills
- Doing laundry



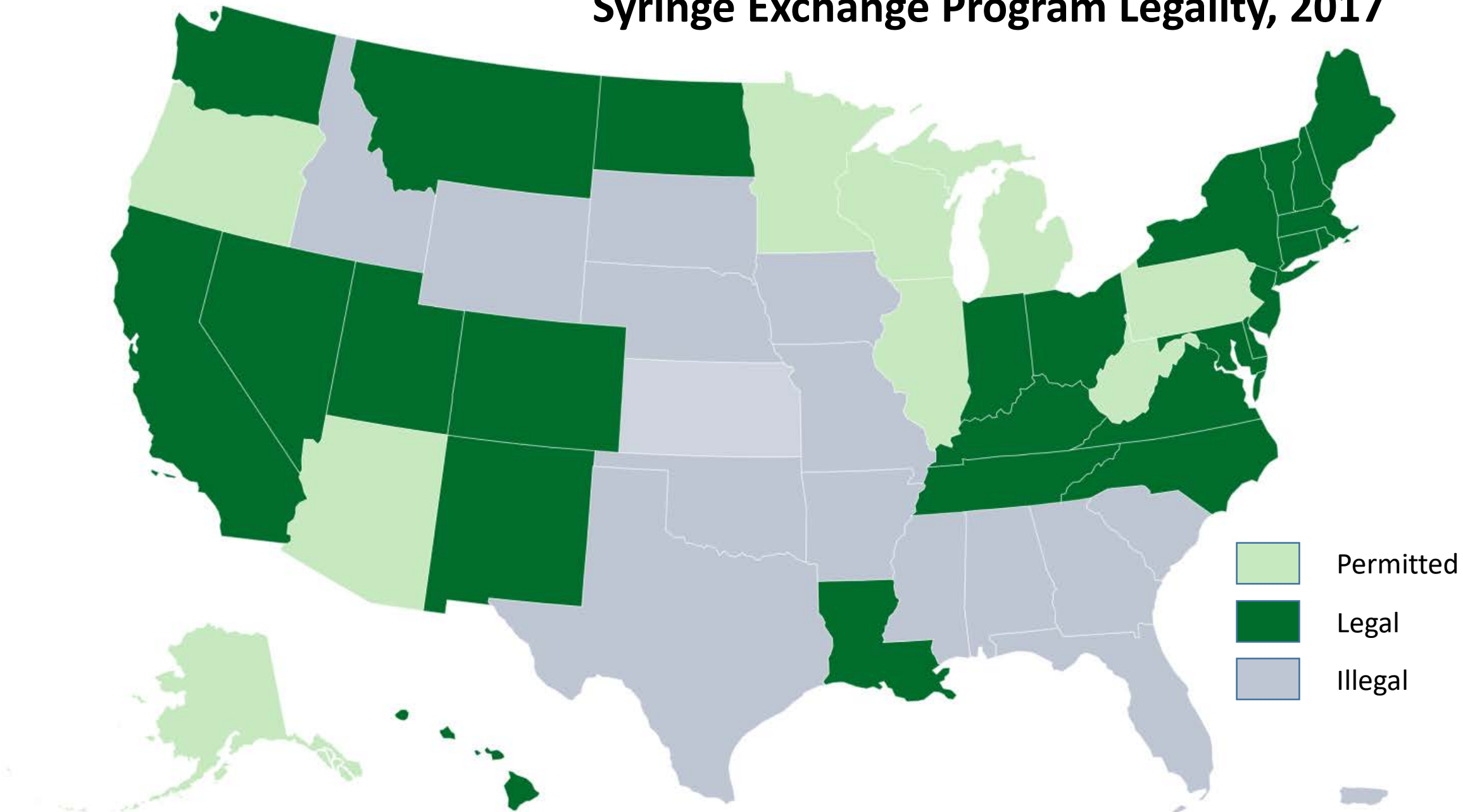
Current State of Affairs



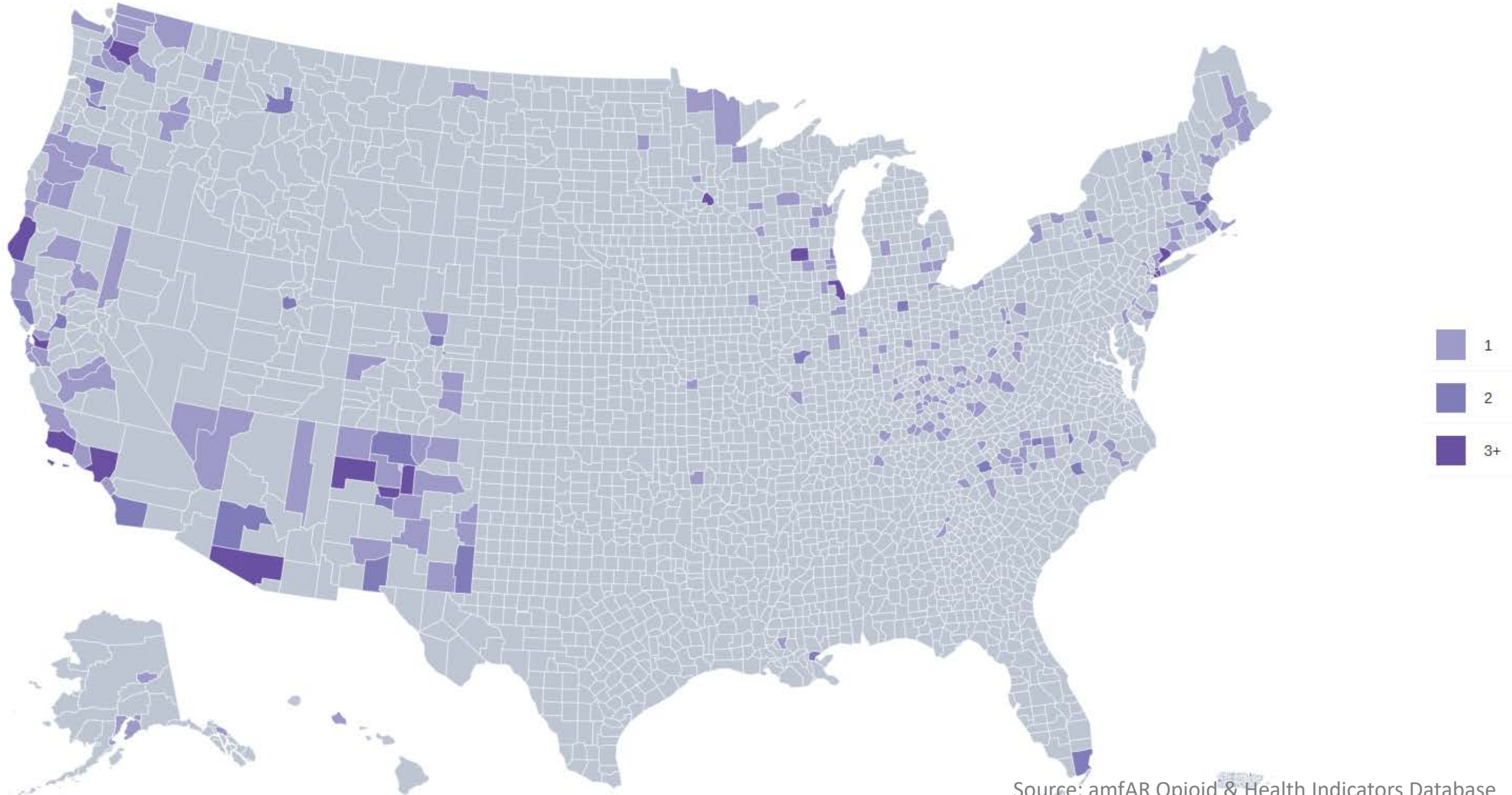
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Syringe Exchange Program Legality, 2017



Syringe Exchange Programs, 2018 (N=318)



Charleston mayor: needle exchange program was

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New mobile needle exchange launches in Northern Kentucky

needle exchange programs

Buncombe County considers needle exchange program



Posted on August 11, 2018 by David Floyd

[bpaykamian](#)

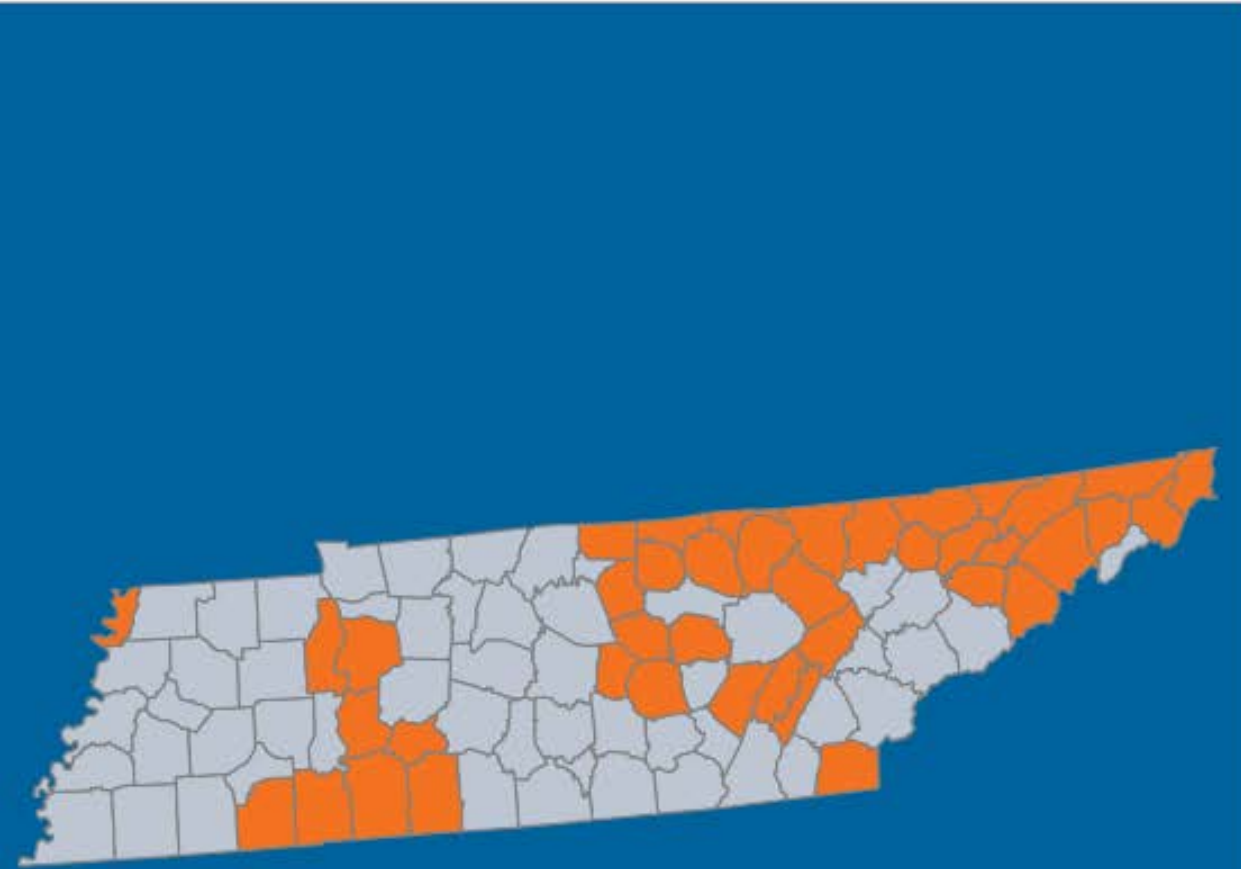
Wise County gets approval to launch Virginia's first needle exchange

By KATIE O'CONNOR Richmond Times-Dispatch Apr 25, 2018

For years

it was illegal to give out clean needles in
Director of non-profit needle exchange says she won't bow to city demands to close

Vulnerable County Rank



Syringe Exchange Programs



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