

The Prescription Opioid Overdose Epidemic: The Public Health Perspective

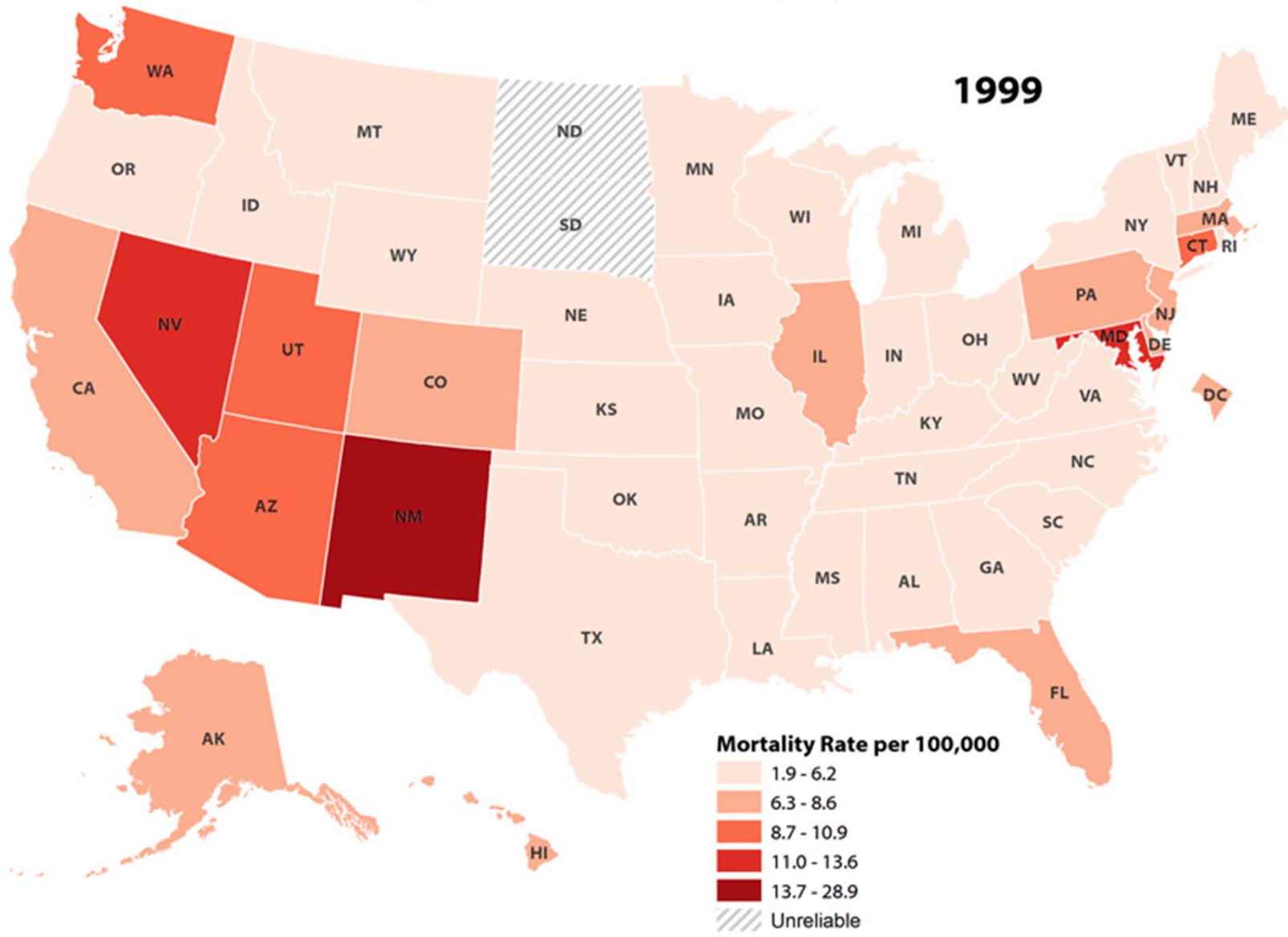
Grant Baldwin, PhD, MPH

Director, Division of Unintentional Injury Prevention
National Center for Injury Prevention and Control
Centers for Disease Control and Prevention
September 29, 2014

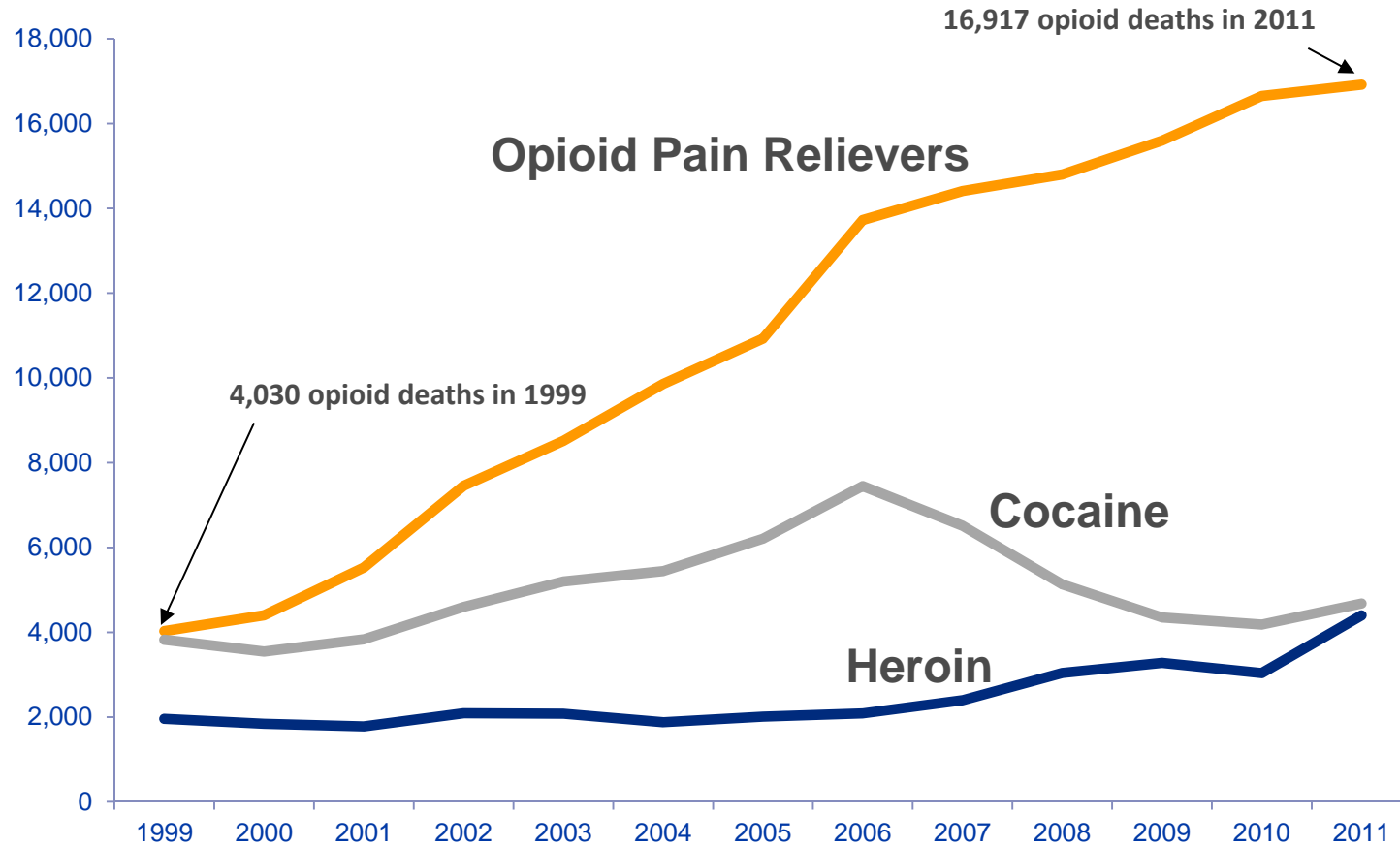


Drug Overdose Mortality by State

1999

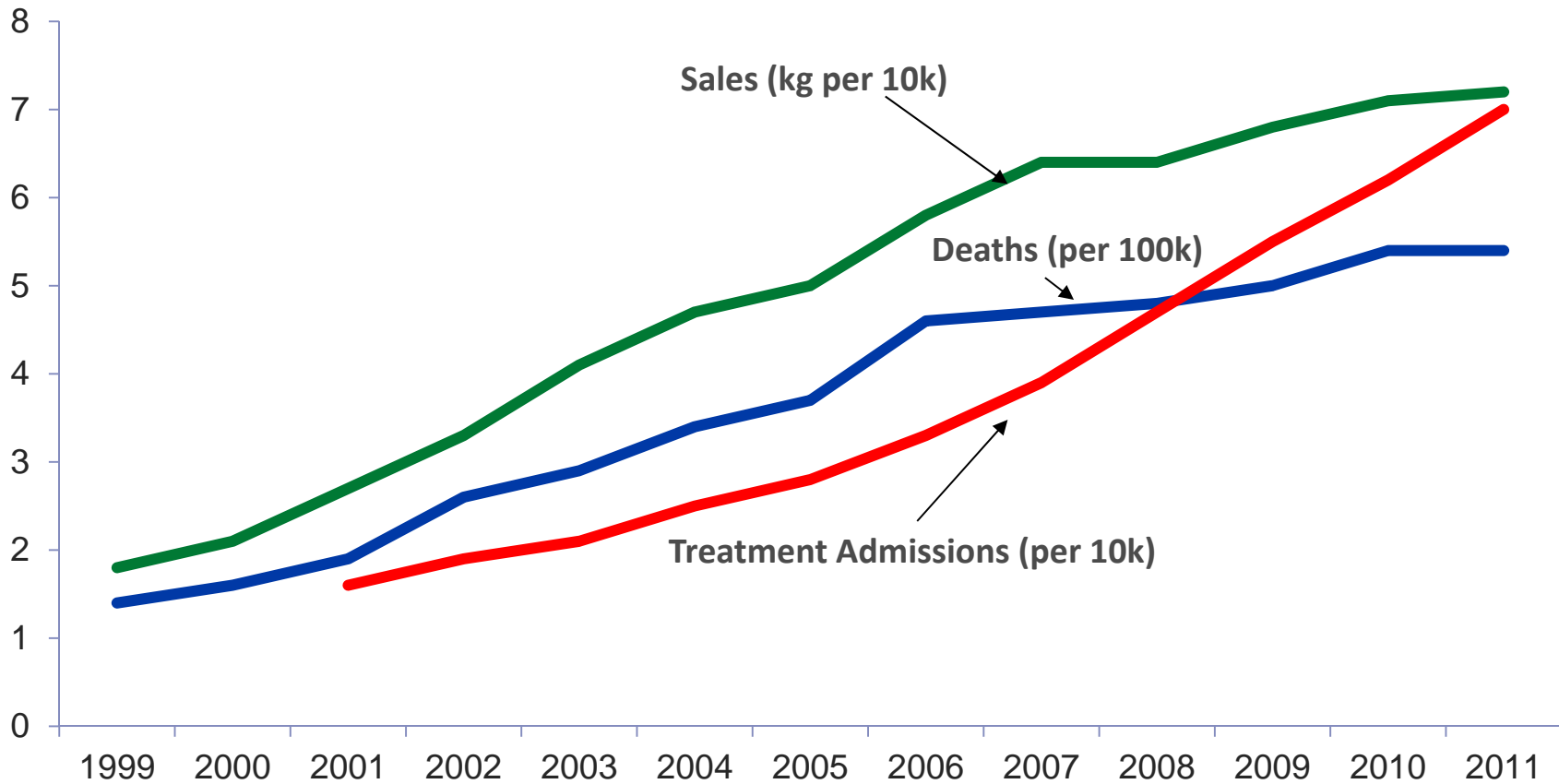


Dramatic increase in overdose deaths related to opioid pain relievers



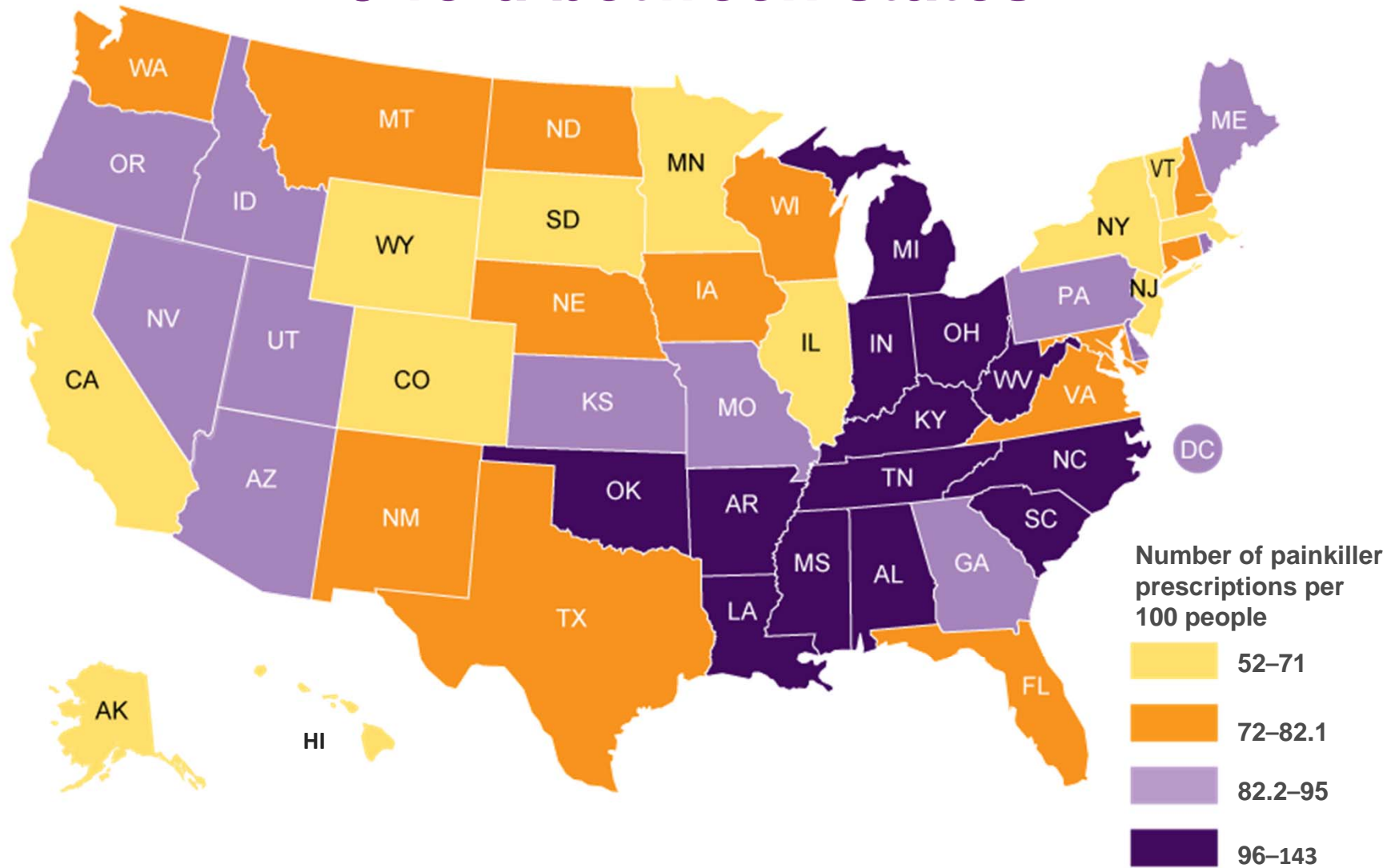
CDC, National Center for Health Statistics, National Vital Statistics System

Opioid deaths, sales, and treatment admissions have increased in lock step



National Vital Statistics System, DEA's Automation of Reports and Consolidated Orders System, SAMHSA's TEDS

Opioid prescribing can vary 3-fold between states



Who is at risk?

Risk Factors

- Patients receiving opioids from multiple prescribers and/or pharmacies
- Patients taking high daily doses of opioids



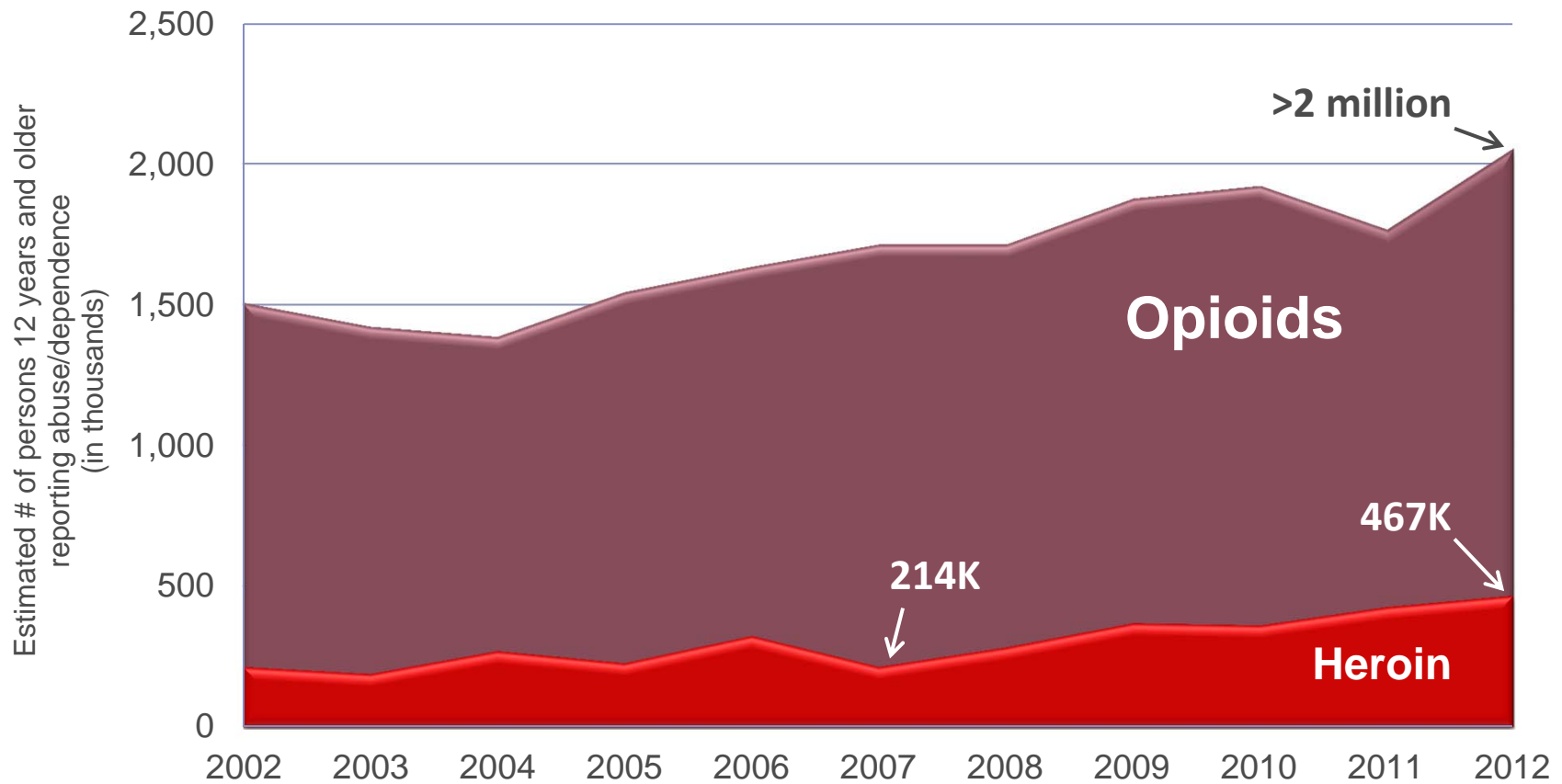
Demographics

- Men
- 35-54 year olds
- Whites
- American Indians/Alaska Natives

Socioeconomics & Geography

- Medicaid
- Rural

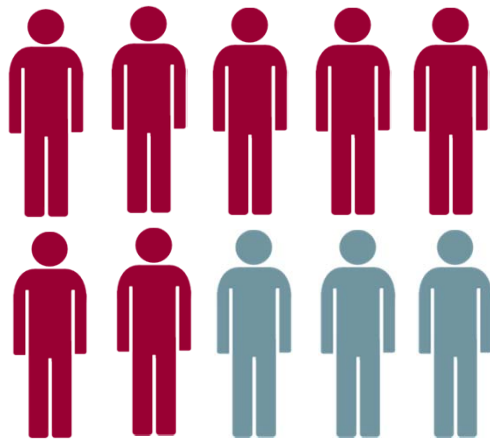
Heroin abuse and dependence is also increasing



Increased heroin use is an offshoot of the opioid epidemic



3 out of 4 people seeking treatment for heroin dependence were exposed to opioids before heroin.

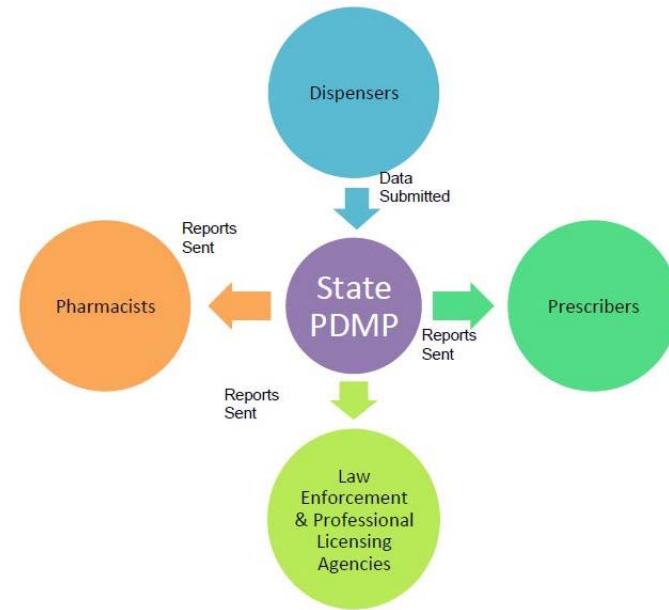


7 out of 10 people who used heroin in the past year also misused prescription opioids in the past year.

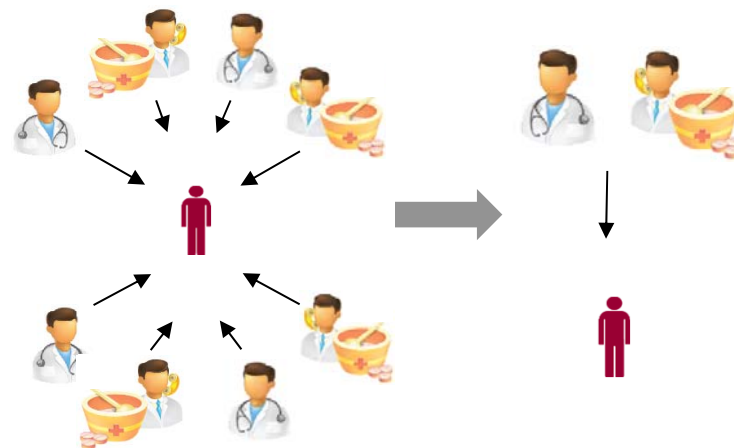
Cicero TJ et al. The changing face of heroin use in the United States: a retrospective analysis of the past 50 years. *JAMA Psychiatry* 2014; 71: 821-6.

Jones, C.M., Heroin use and heroin use risk behaviors among nonmedical users of prescription opioid pain relievers – United States, 2002–2004 and 2008–2010. *Drug Alcohol Depend.* (2013).

Prescription Drug Monitoring Programs (PDMPs)

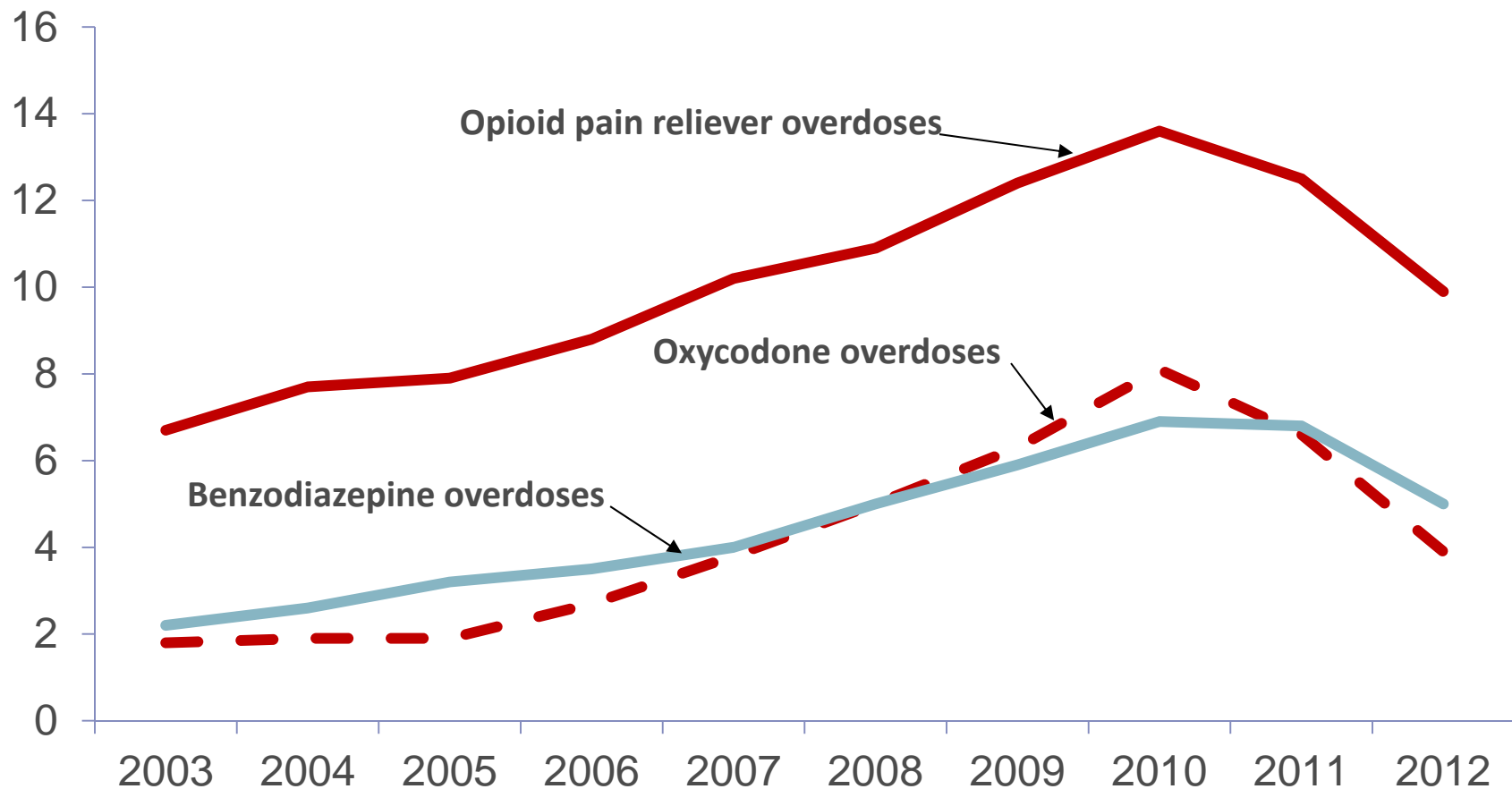


Patient Review & Restriction Programs



PDMP Graphic: PDMP Center of Excellence at Brandeis University.

After policy changes, Florida opioid overdoses fell sharply between 2010 and 2012



Johnson H; Paulozzi L; Porucznik C. Mack K. Herter B. Decline in Drug Overdose Deaths After State Policy Changes —Florida, 2010–2012. MMWR. 63(26). 569-74. July 2014.

Three Pillars of CDC's PDO Prevention Work

- Improve data quality and track trends
- Strengthen state efforts by scaling up effective public health interventions
- Supply healthcare providers with resources to improve patient safety



CDC's Pillars in Action

Prescription Drug Overdose: Prevention Boost

- West Virginia, Kentucky, Tennessee, Utah, Oklahoma

Expanding state-level investments in FY15

- \$15.6 million to scale up state-level prevention

Advancing research on the epidemic

- Evaluating what works to save lives
- Building new tools for monitoring the epidemic

Thank You



National Center for Injury Prevention and Control

