

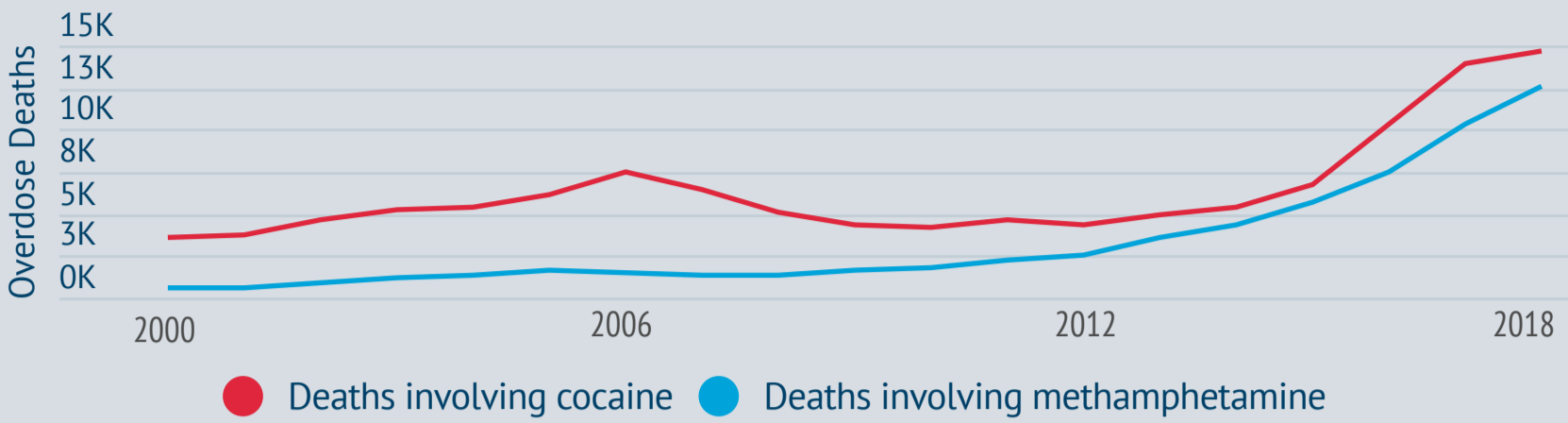
The Stealth Drug Crisis: Rising Burden of Stimulant Use

Cocaine and methamphetamine use & deaths are on the upswing

Since 2015, population prevalence of past-year:

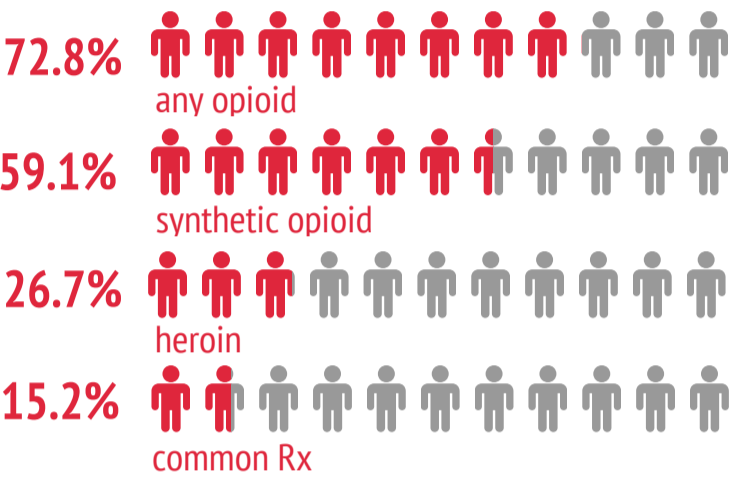
cocaine use up 12.0%

methamphetamine use up 6.6%

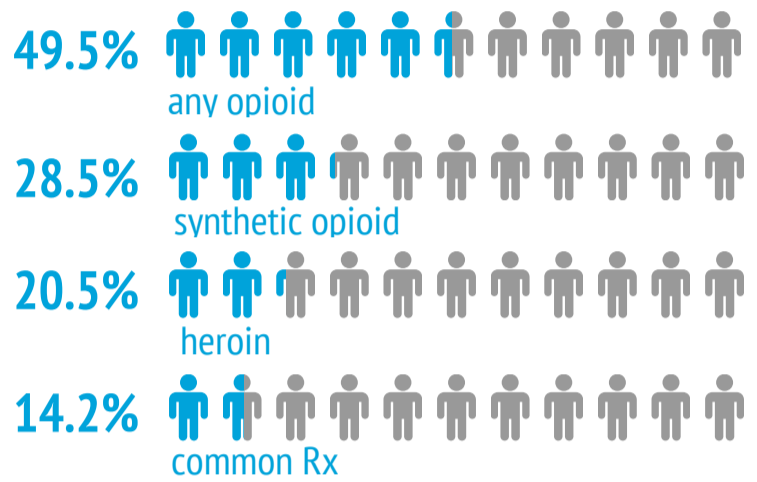


Many stimulant deaths also involve opioids, especially synthetic opioids

Of all cocaine deaths in 2018



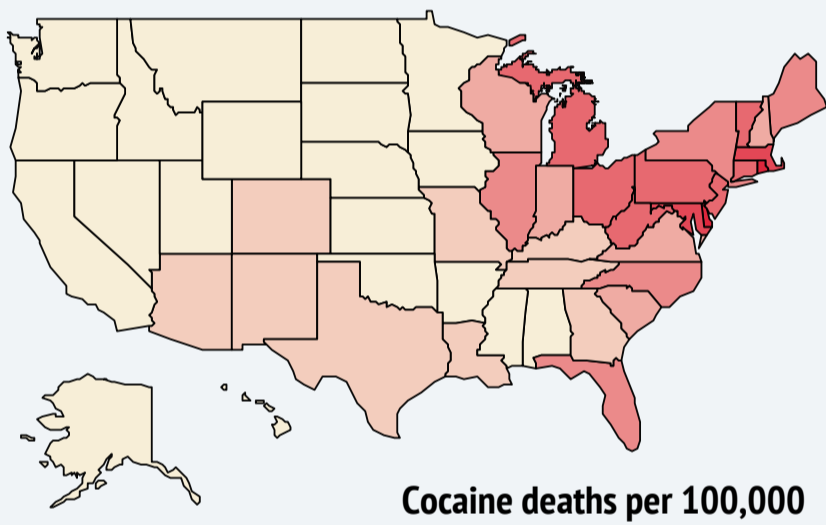
Of all methamphetamine deaths in 2018



Different geographic hot spots for cocaine vs. methamphetamine use & deaths

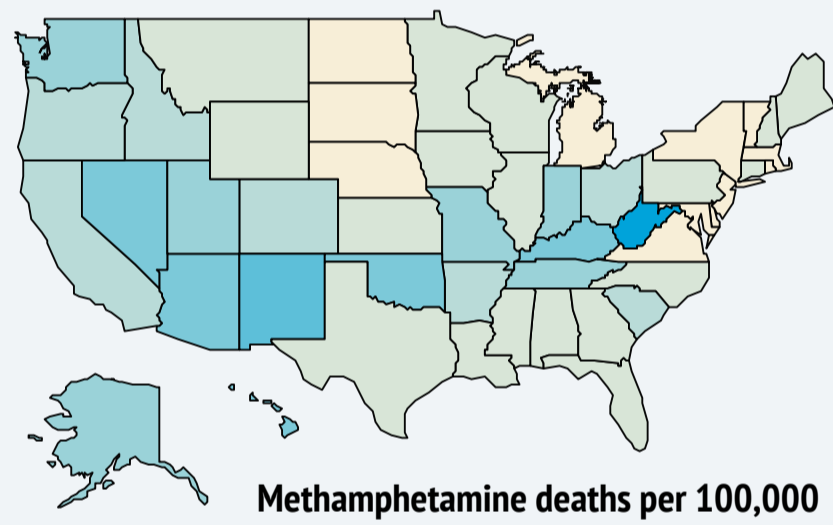
Cocaine use

increases with level of urbanization



Methamphetamine use

decreases with level of urbanization



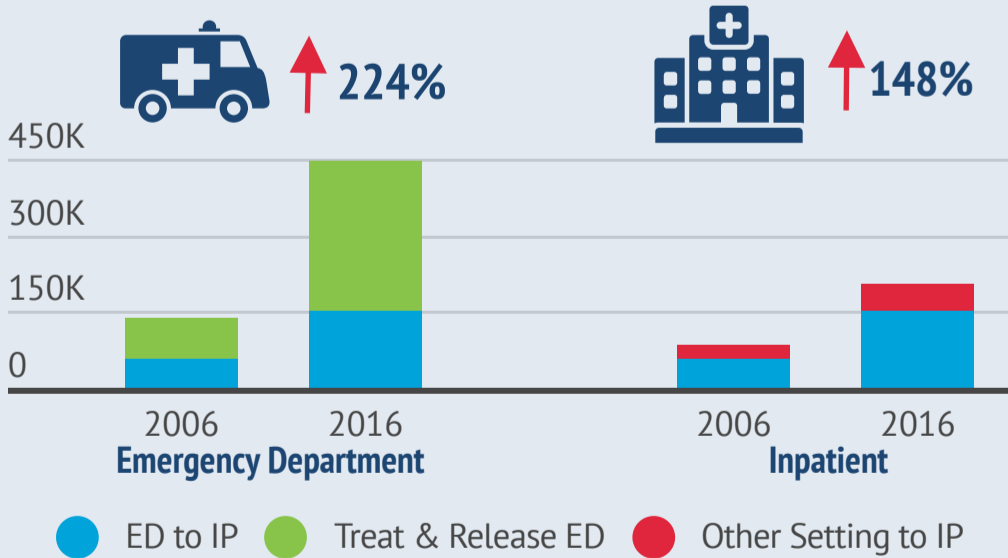
High personal and societal toll of methamphetamine use

Methamphetamine second only to heroin as the greatest drug threat facing law enforcement agencies



26% said it's the drug most likely involved in **violent crimes**
32% said it's the drug most likely involved in **property crimes**
30% said it's the drug taking up most of their **resources**

HEALTH SYSTEM IMPACTS OF AMPHETAMINES



Long-term health risks of methamphetamine use:

- ▶ addiction
- ▶ cognitive impairment
- ▶ psychotic symptoms
- ▶ cardiovascular damage
- ▶ malnutrition
- ▶ severe dental problems
- ▶ higher risk of hepatitis, HIV/AIDS, Parkinson's disease,

Current treatment options for methamphetamine use are more limited than for opioids

No approved medication to treat methamphetamine use but **many new treatments are under investigation**

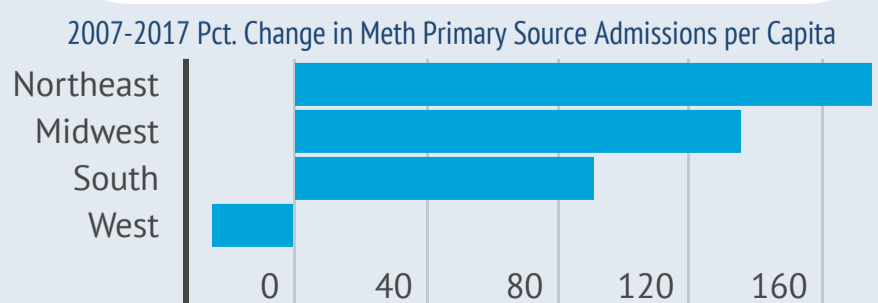


BEHAVIORAL THERAPIES ARE MOST EFFECTIVE

- ▶ **cognitive behavioral interventions**
behavioral therapy; counseling and education; drug testing; 12-Step support
- ▶ **contingency management**
tangible rewards for treatment and abstinence



TREATMENT SYSTEM ADMISSIONS



Some methamphetamine-related **changes in brain structure and function may be reversed** after a long period of abstinence