



OFFICE OF THE ASSISTANT SECRETARY FOR HEALTH

# Hidden Casualties: The Opioid Crisis and Infectious Diseases

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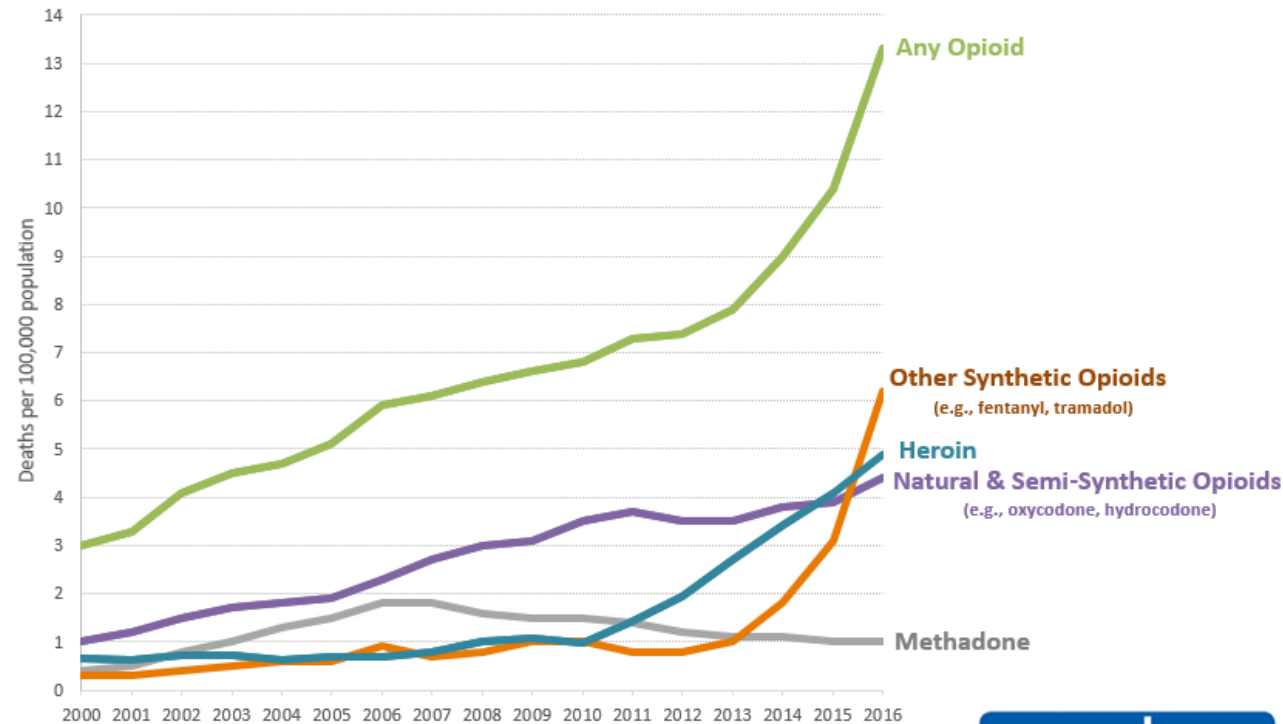
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May 18, 2018



# OPIOID DEATHS, US: 2000-2016



SOURCE: CDC/NCHS, National Vital Statistics System, Mortality. CDC WONDER, Atlanta, GA: US Department of Health and Human Services, CDC; 2017.  
<https://wonder.cdc.gov/>.

[www.cdc.gov](http://www.cdc.gov)  
Your Source for Credible Health Information

## Latest Statistics

Sept 2016 – Sept 2017

- Drug overdose deaths: 67,944
- Opioid deaths: 45,657
- Drug overdose deaths increased 13% from previous year
- Opioid overdose deaths increased 16% from previous year
- Overdose deaths accounted for 2.4% of overall US deaths

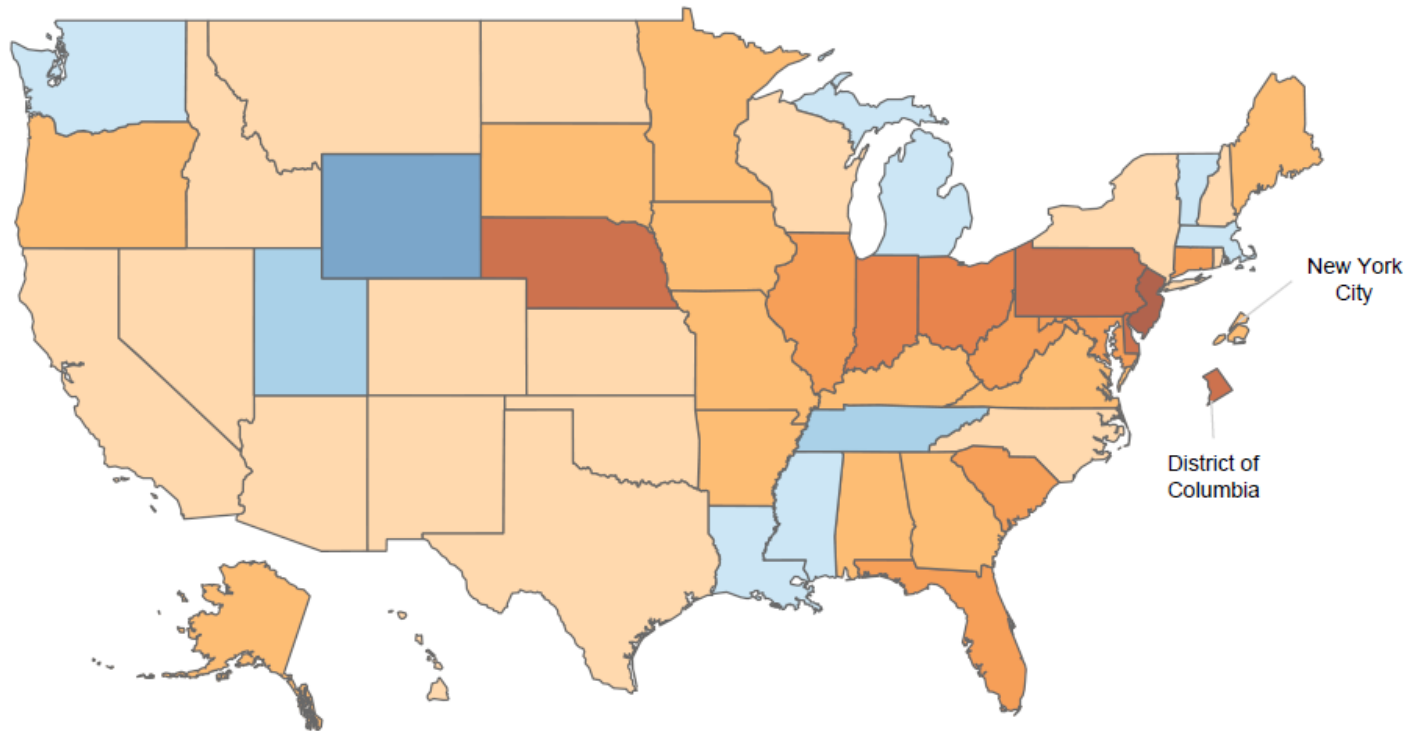
**Injection drug use has increased 93% (2004-2014)**



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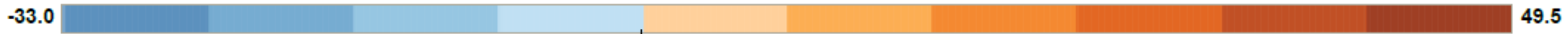
# PERCENT CHANGE IN DRUG OVERDOSE DEATHS BY STATE



## States with Notable Increases

- Ohio 26%
- Pennsylvania 33%
- Indiana 28%
- Illinois 18%
- New Jersey 43%
- Delaware 33%
- Nebraska 33%

Legend for Percent Change in Drug Overdose Deaths Between 12-Month Ending Periods

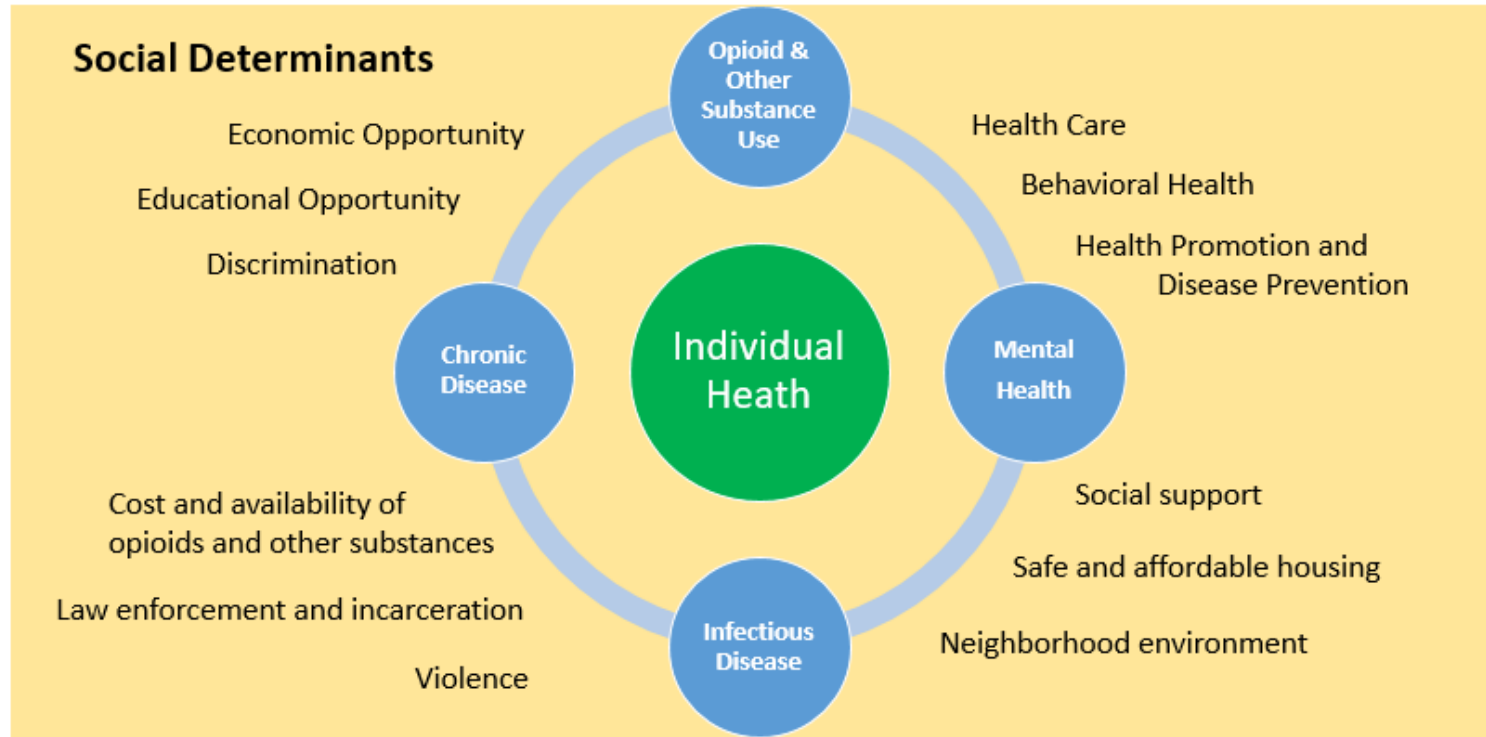


CDC Statistics, Published On Line, May 16, 2018

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# SYNDEMICS (Synergistic Epidemic)



A set of interconnected health problems that often have common root causes and interact synergistically with one problem making the other worse.



# CONSEQUENCES OF THE OPIOID EPIDEMIC

- HIV
- Hepatitis B
- Hepatitis C
- Endocarditis
- Skin, bone, and joint infections

## HIDDEN CASUALTIES



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# EFFECTS OF OPIOID USE DURING PREGNANCY



(Image from Neurology Advisor, June 2017)

## Outcomes in the fetus

- Growth restriction
- Prematurity
- Death

## Outcomes in the Newborn

- Low birthweight
- Small head circumference
- Neonatal abstinence syndrome

## Outcomes in the Child

- Developmental disorders

(McQueen and Murphy-Oikonen, NEJM, 2016)



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# OASH AS A DRIVER OF SOLUTIONS

- Senior advisor to the Secretary on matters of public health and science
- Unequaled situational awareness of the nation's health issues
  - Position in the Immediate Office of the Secretary
  - Diverse Offices (including Office of HIV/AIDS and Infectious Disease Policy)
  - Presidential and Secretarial Advisory Committees
- Catalyzes new partnerships, programs, health-promoting approaches
- Provides evidence based guidelines and strategies:  
Nutrition Guidelines, Fitness Guidelines; Healthy People 2020;  
[National HIV/AIDS Strategy](#); [National Viral Hepatitis Action Plan](#)
- Current Mission:  
Optimize the nation's investment in health and science to advance health equity and improve the health of all people



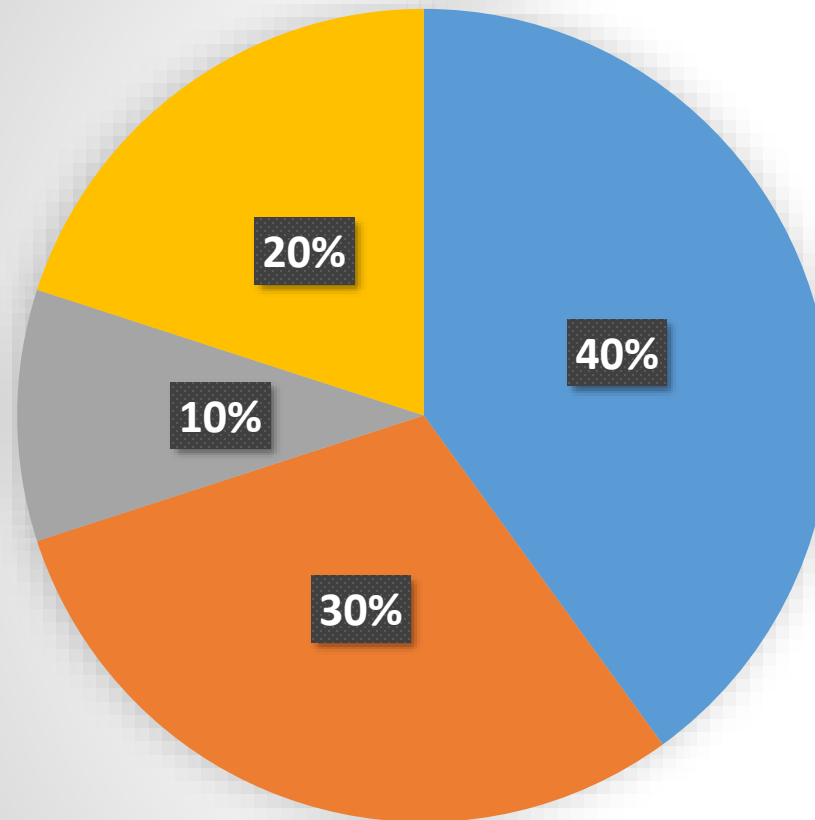
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# DETERMINANTS OF LONGEVITY AND QUALITY OF LIFE



County Health  
Rankings & Roadmaps  
A Healthier Nation, County by County



- Social and Economic Factors
- Health Behaviors
- Physical Environment
- Clinical Care



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# Office of the Assistant Secretary for Health

## PHILOSOPHY:

HEALTH  
**FOR** ALL

Assure that everyone has a fair and realistic opportunity to optimize their health

HEALTH  
**BY** ALL

Distribute and democratize health care knowledge, capabilities, and delivery

HEALTH  
**IN** ALL

Prioritize health considerations in all sectors and policy areas



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# NATIONAL ACADEMY OF MEDICINE / OASH WORKSHOP

## Consequences of the Opioid Epidemic on the Spread of Infectious Disease: Incidence, Prevalence, and Mutually Beneficial Opportunities to Improve Prevention, Care, and Treatment in the United States

- Will publish workshop summary report to inform future program and policy recommendations for OHAIDP and its partners (Summer 2018)
- Nationwide dissemination plan for the workshop summary report, which will guide important future directions for an integrated national opioid response
- A live and archived webcast of the workshop



NATIONAL ACADEMY  
OF SCIENCES



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# SENIOR ADVISOR FOR MENTAL HEALTH AND OPIOID POLICY

- Point person for the development and implementation of the response to the opioid epidemic throughout HHS
- Working with every agency and office to prioritize actions, understand gaps, and develop new synergies
- Engage partners throughout the federal government, at the state and local levels, as well as commercial, non-profit, and academic partners



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# OPIOIDS: HHS FIVE POINT STRATEGY

- Strengthen public health data reporting and collection
- Advance the practice of pain management to decrease the inappropriate use of opioids
- Improve access to prevention, treatment, and recovery services
- Enhance the availability of overdose-reversing medications
- Support cutting-edge research that improves our understanding of pain and addiction, leads to new treatments, and identifies effective public health interventions



We need  
**all partners** to be  
engaged, to help utilize  
our very  
**effective tools** at  
the national scale, while  
being  
**patient and  
family-centric** in  
our approach



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# STATE TARGETED GRANTS

- April 18, 2018: HHS released the 2<sup>nd</sup> installment of the state targeted grants totaling \$485M
  - Greater flexible on how states can allocate their funds across the prevention, treatment, and recovery spectrum
  - Requires MAT to be offered in treatment programs
- We will soon be issuing the funding announcement for the additional \$1B for states, and we plan to have this money available by the end of September
  - \$150M set aside for states hardest hit
  - \$50M set aside for Tribes
  - Remainder to be allocated by a formula – will emphasize disease burden



## SOME SIGNS OF PROGRESS

- The amount of opioids in MME prescribed decreased 12% in 2017
- Nasal spray naloxone distribution significantly increased
  - > 1 million 2-dose packs distributed in 2017
  - > 650,000 2-dose packs distributed this year alone
  - 70% directly to state and local partners
- The number of patients receiving MAT dramatically increased
- FDA in conjunction with DOJ have dramatically increased drug interdiction (focus on synthetic opioids from China in international mail)
- Drug takeback day, April 26, >950,000 pounds of drugs collected



## PRESIDENT'S FY2019 HHS ALLOCATION OF OPIOIDS \$\$\$

- \$150M: Reducing Injection Drug Use, HIV/AIDS, and Hepatitis C
- \$1B: State Targeted Response Grants
- \$150M: Rural Health Addressing Substance Abuse and OUD
- \$544M: Community Health Centers
- \$300M: CDC Surveillance
- \$860M: Pain and OUD Research including Regulatory Science

Numerous new programs, regulations, guidance from HHS to combat the opioid epidemic and improve patient outcomes holistically.



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## Learn more:

- [www.hhs.gov/opioids](http://www.hhs.gov/opioids)

## Share your story:

- [www.crisisnextdoor.gov/](http://www.crisisnextdoor.gov/)

## Stay connected:

Twitter: @HHS\_ASH



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