

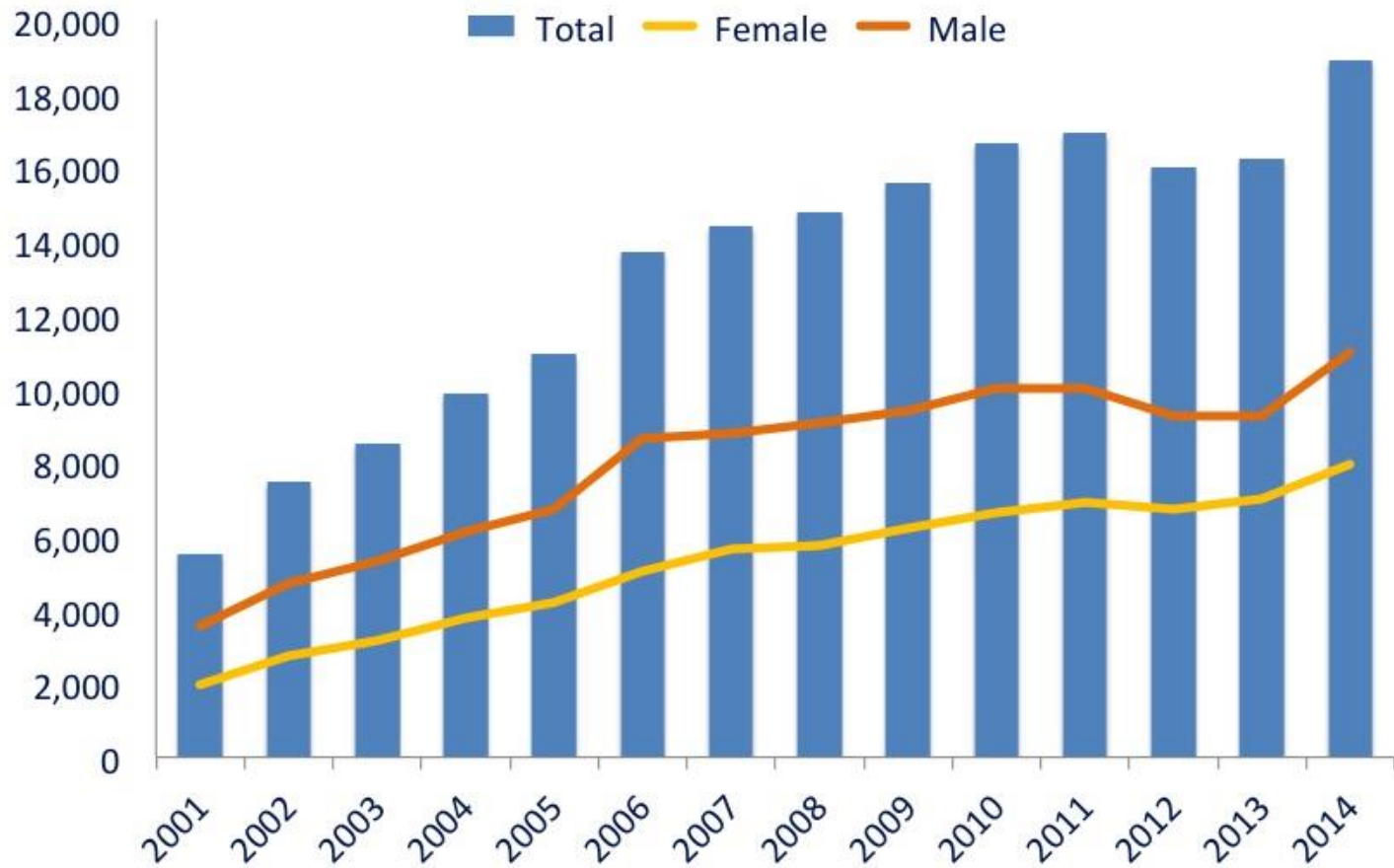
Opioid Abuse in South Carolina: Current Perspectives





National Overdose Deaths

Number of Deaths from Prescription Opioid Pain Relievers

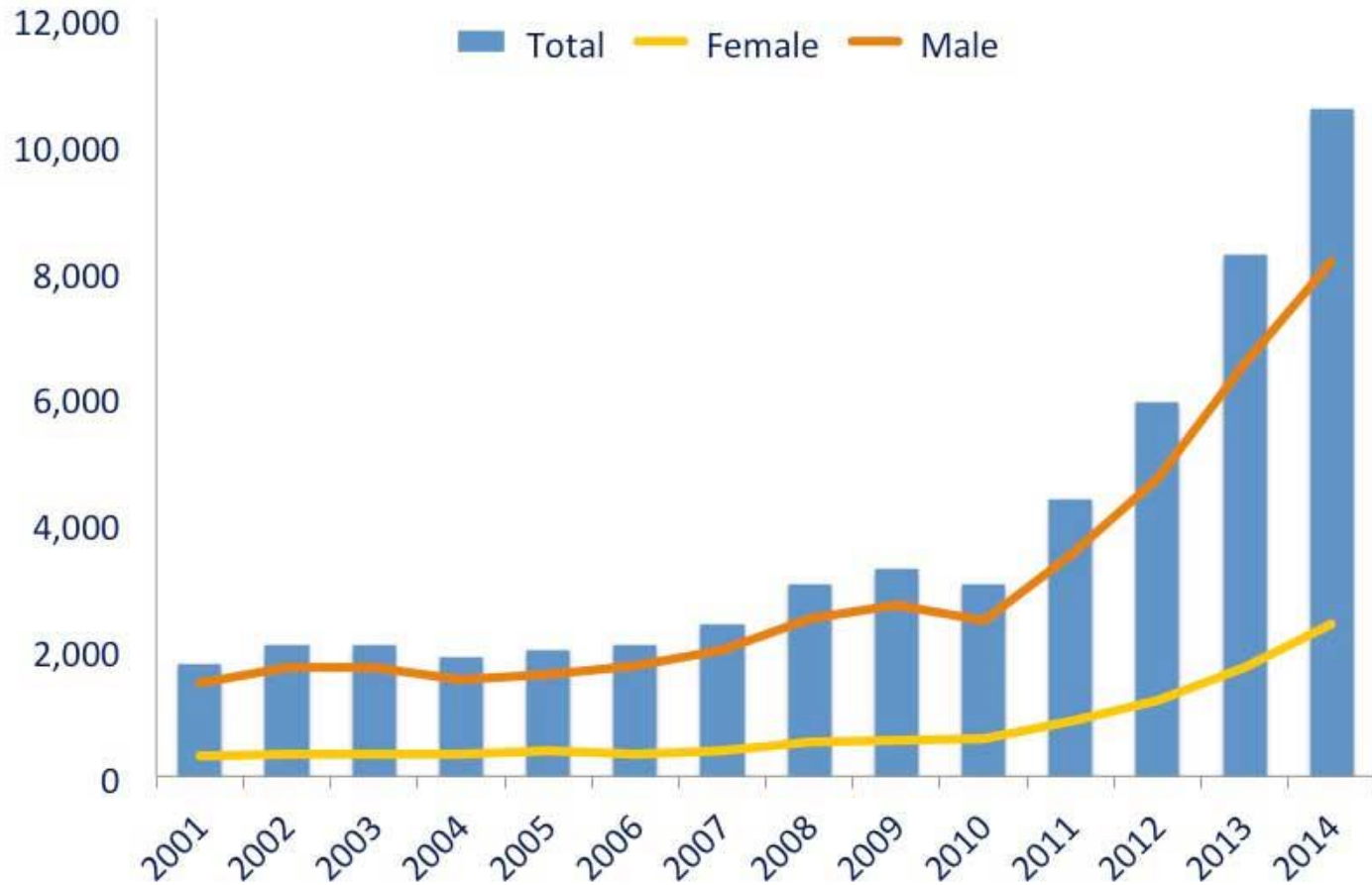


Source: National Center for Health Statistics, CDC Wonder



National Overdose Deaths

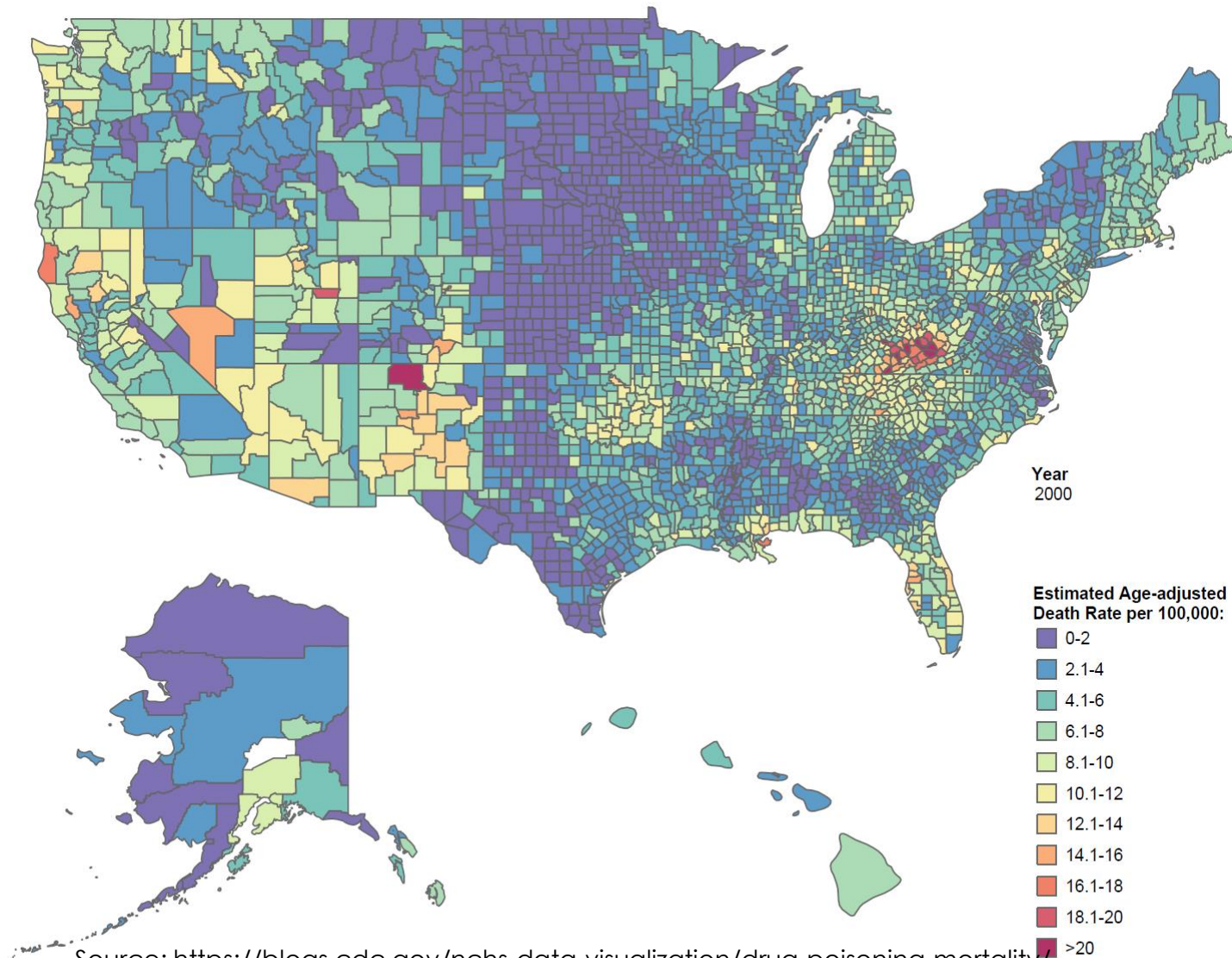
Number of Deaths from Heroin



Source: National Center for Health Statistics, CDC Wonder

Estimated Age-adjusted Death Rates for Drug Poisoning by County, 1999

Drug-poisoning deaths are defined as having ICD-10 underlying cause-of-death codes X40-X44* (unintentional)

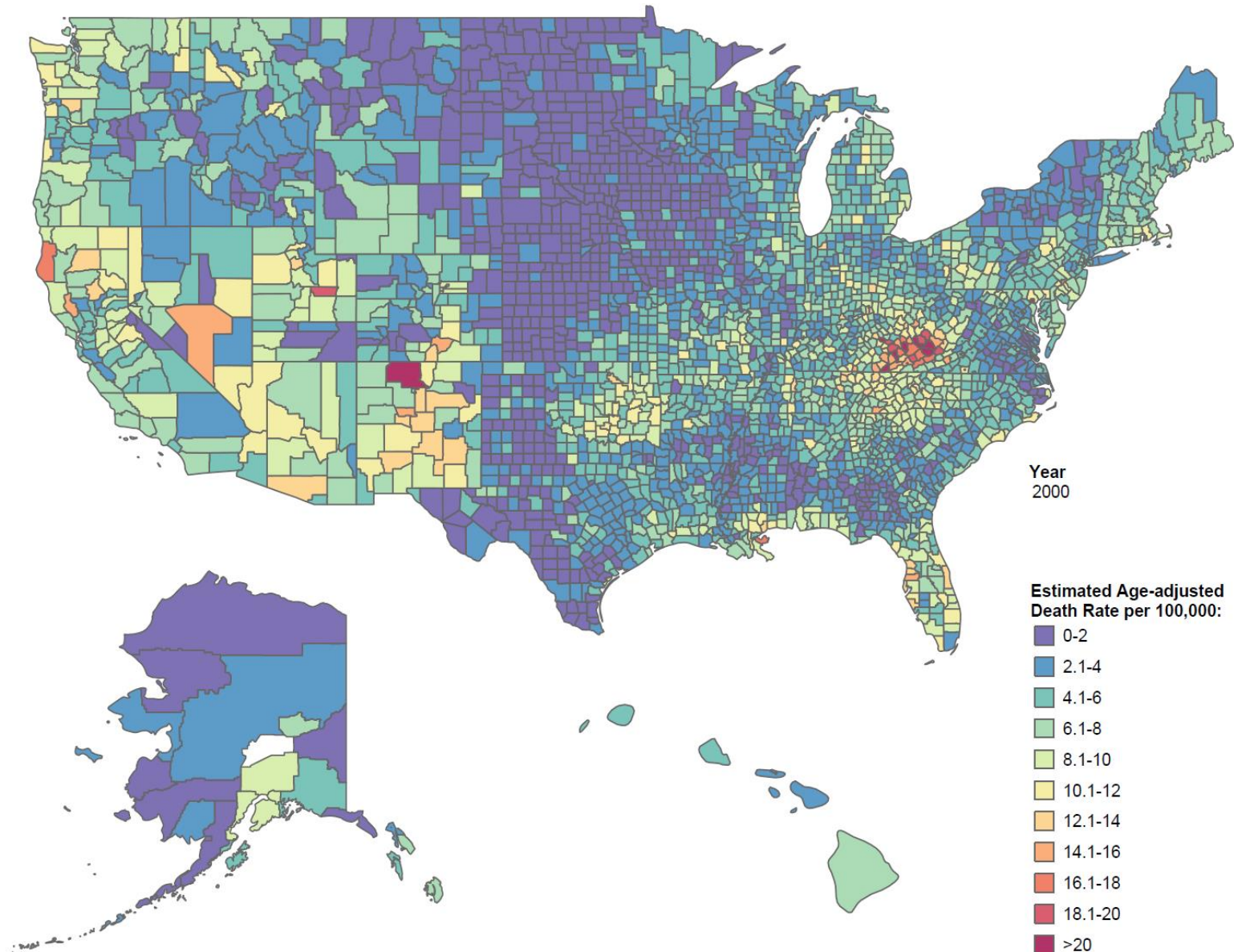


Source: <https://blogs.cdc.gov/nchs-data-visualization/drug-poisoning-mortality/>

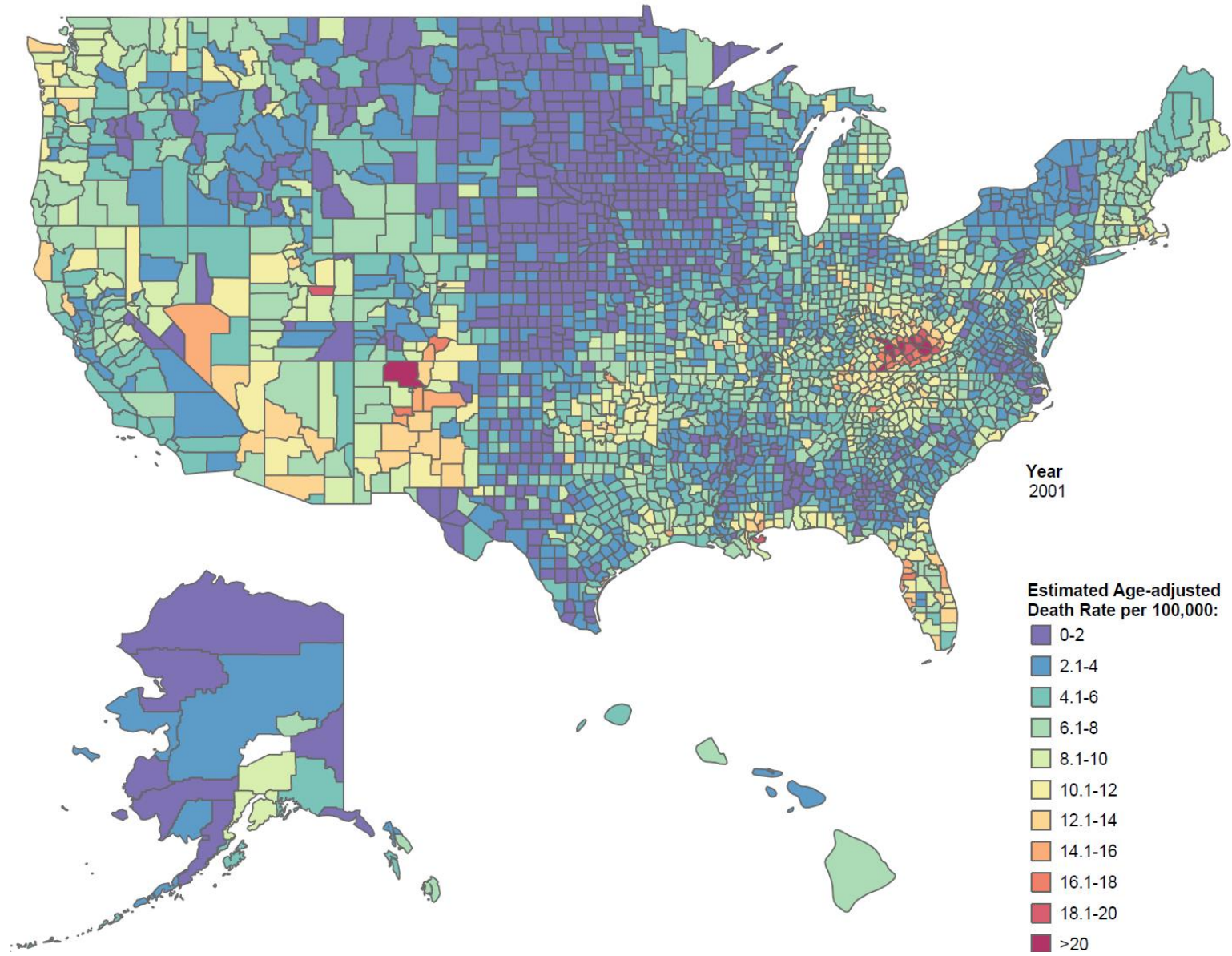
*Accidental poisoning by and exposure to drugs and other biological substances

Designed by L. Rossen, B. Bastian & Y. Chong. SOURCE: CDC/NCHS, National Vital Statistics System.

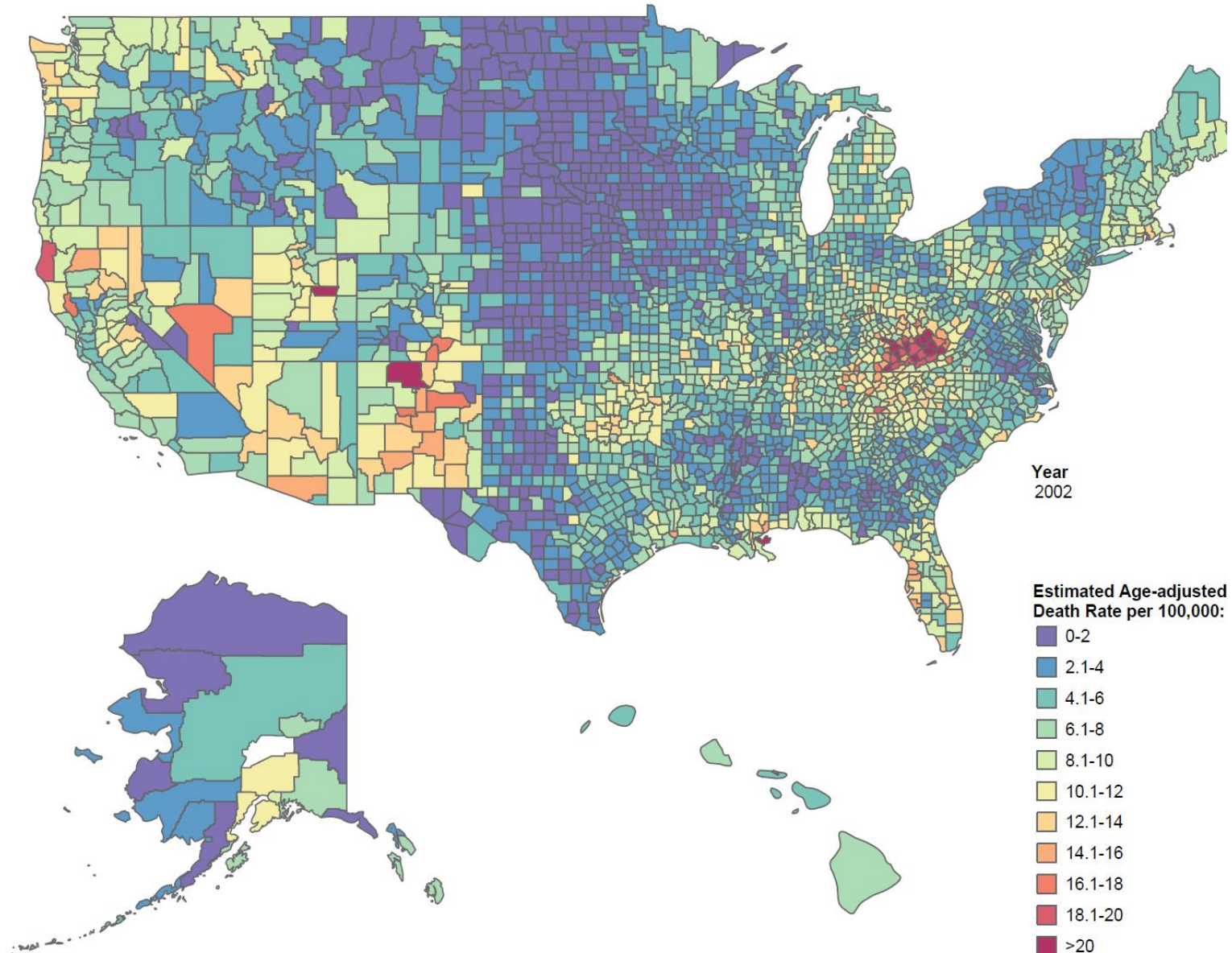
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2000



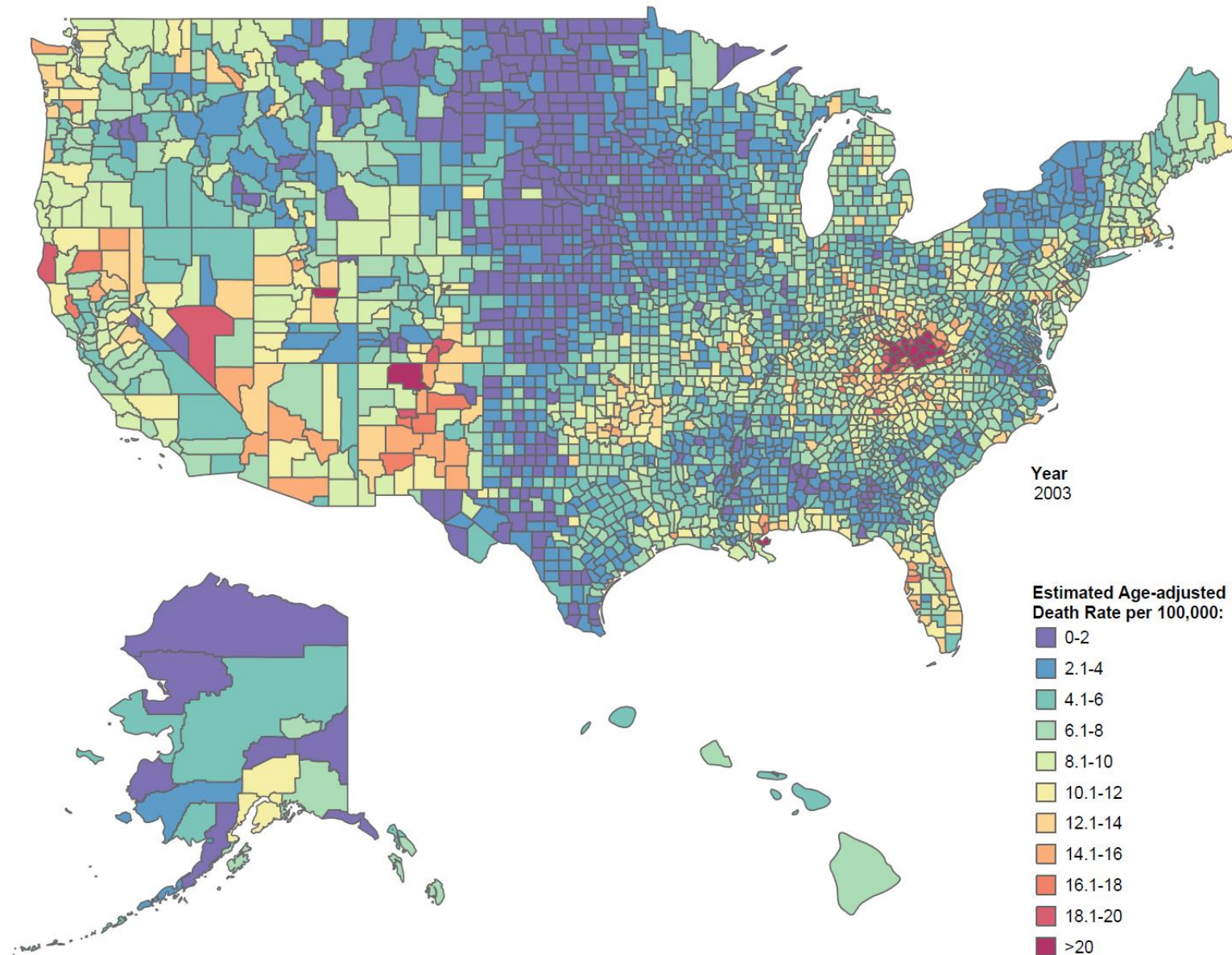
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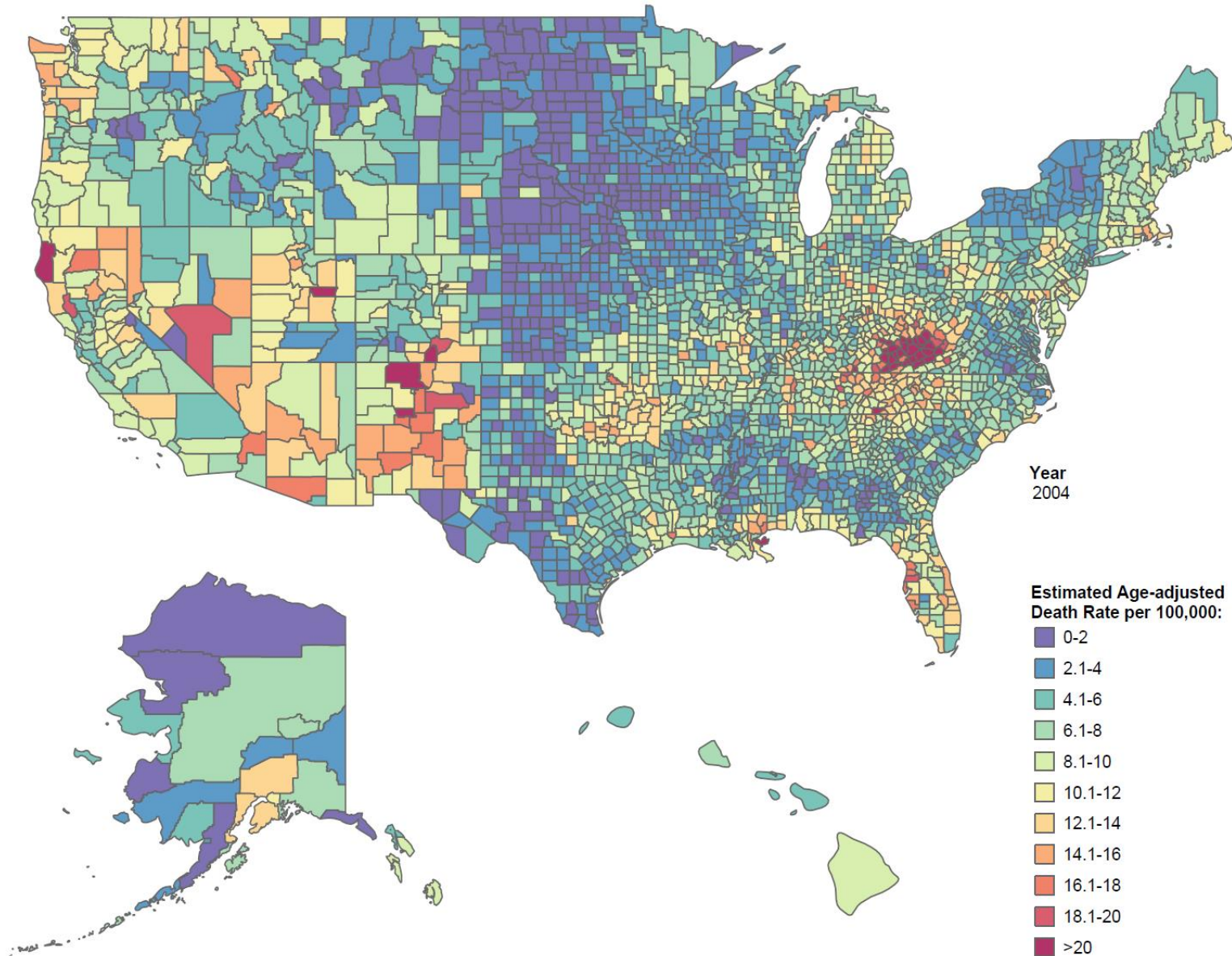
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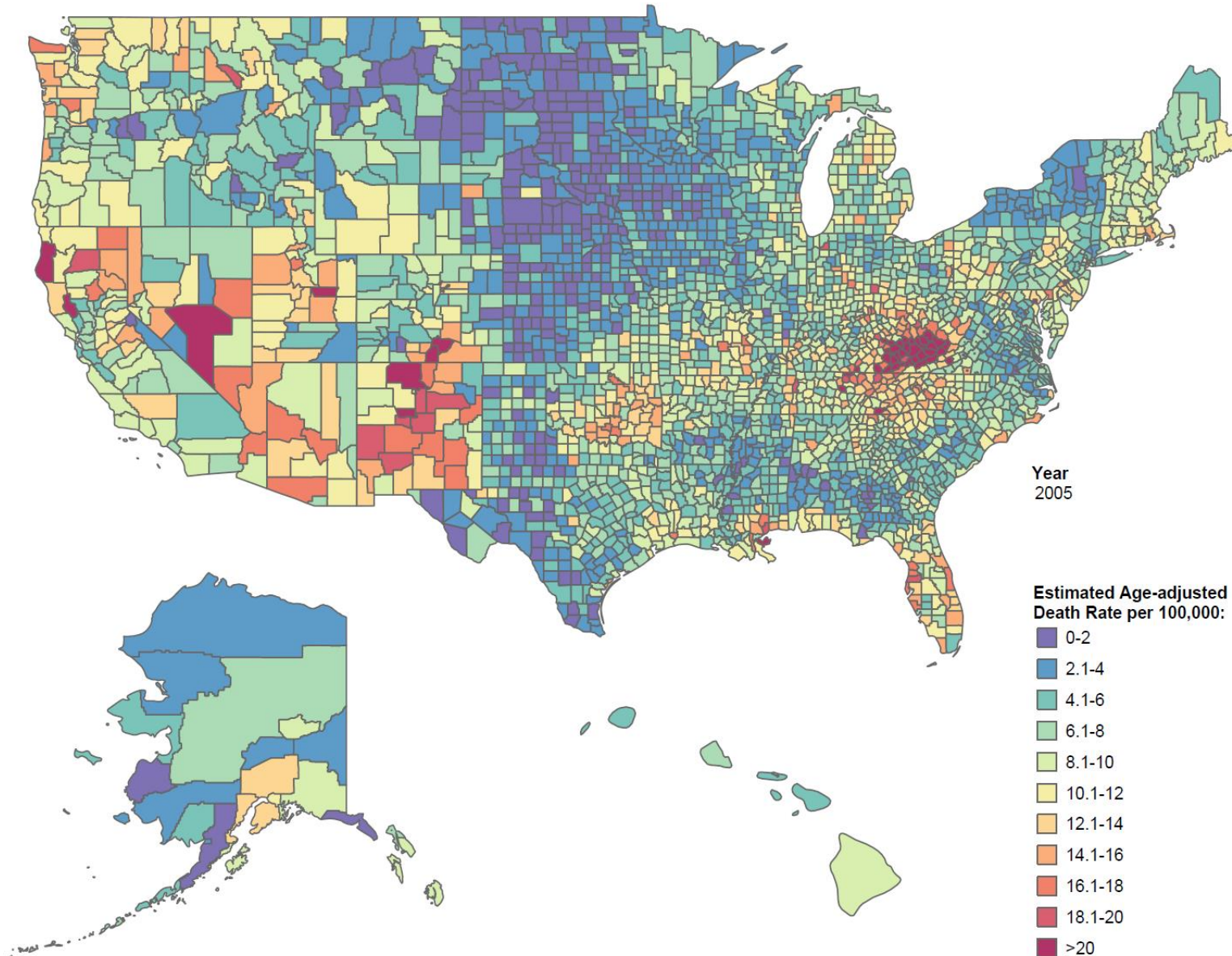
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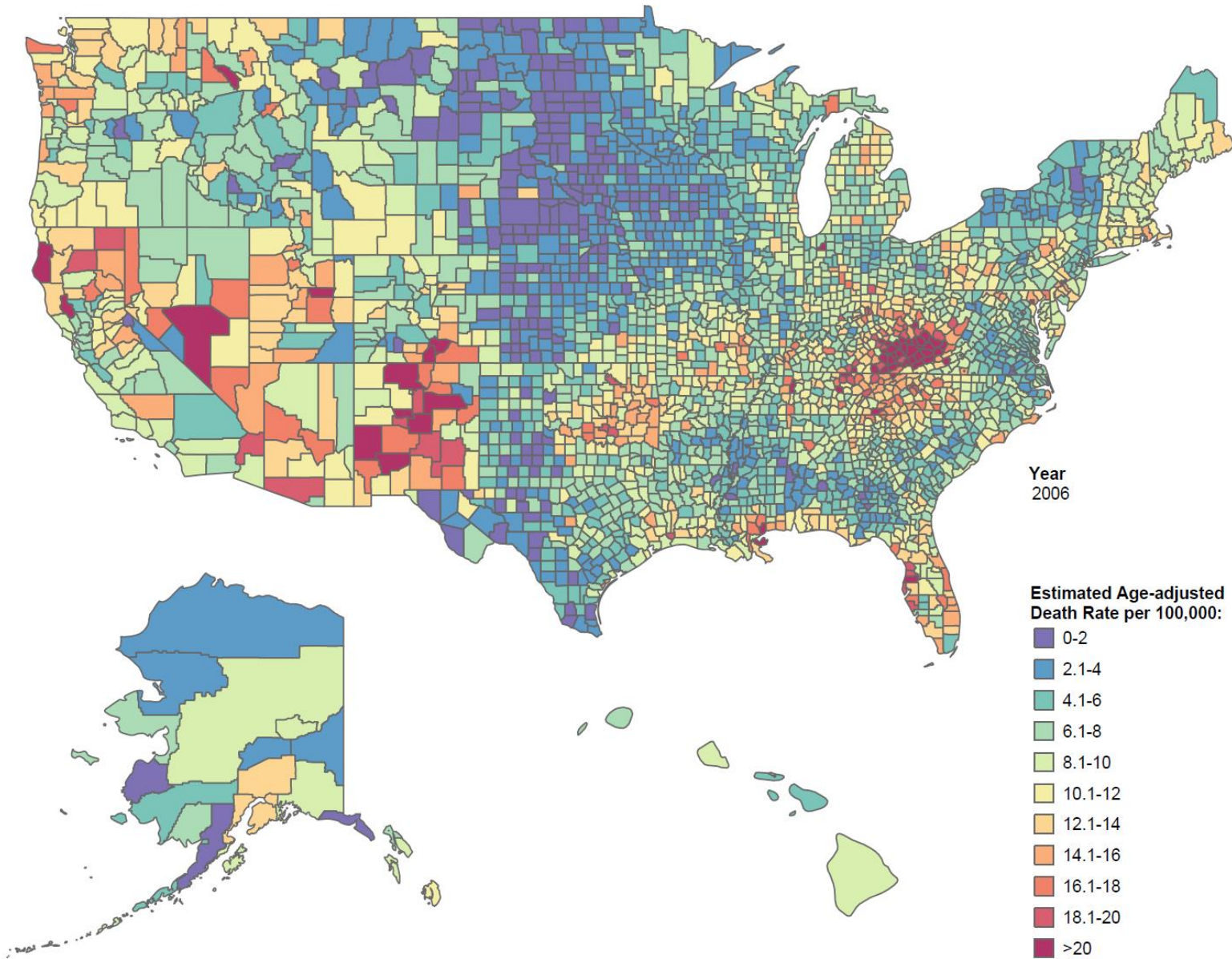
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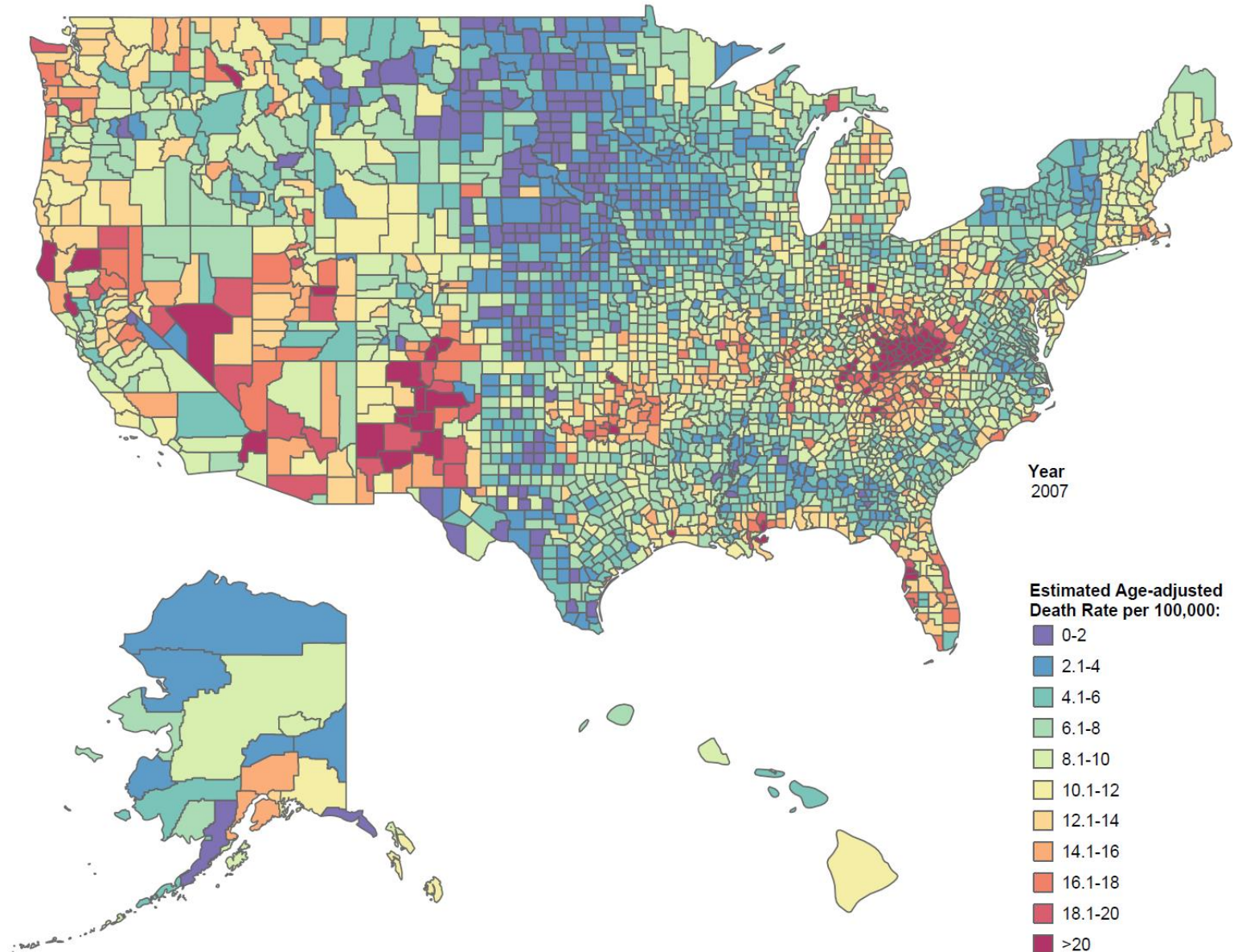
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2005



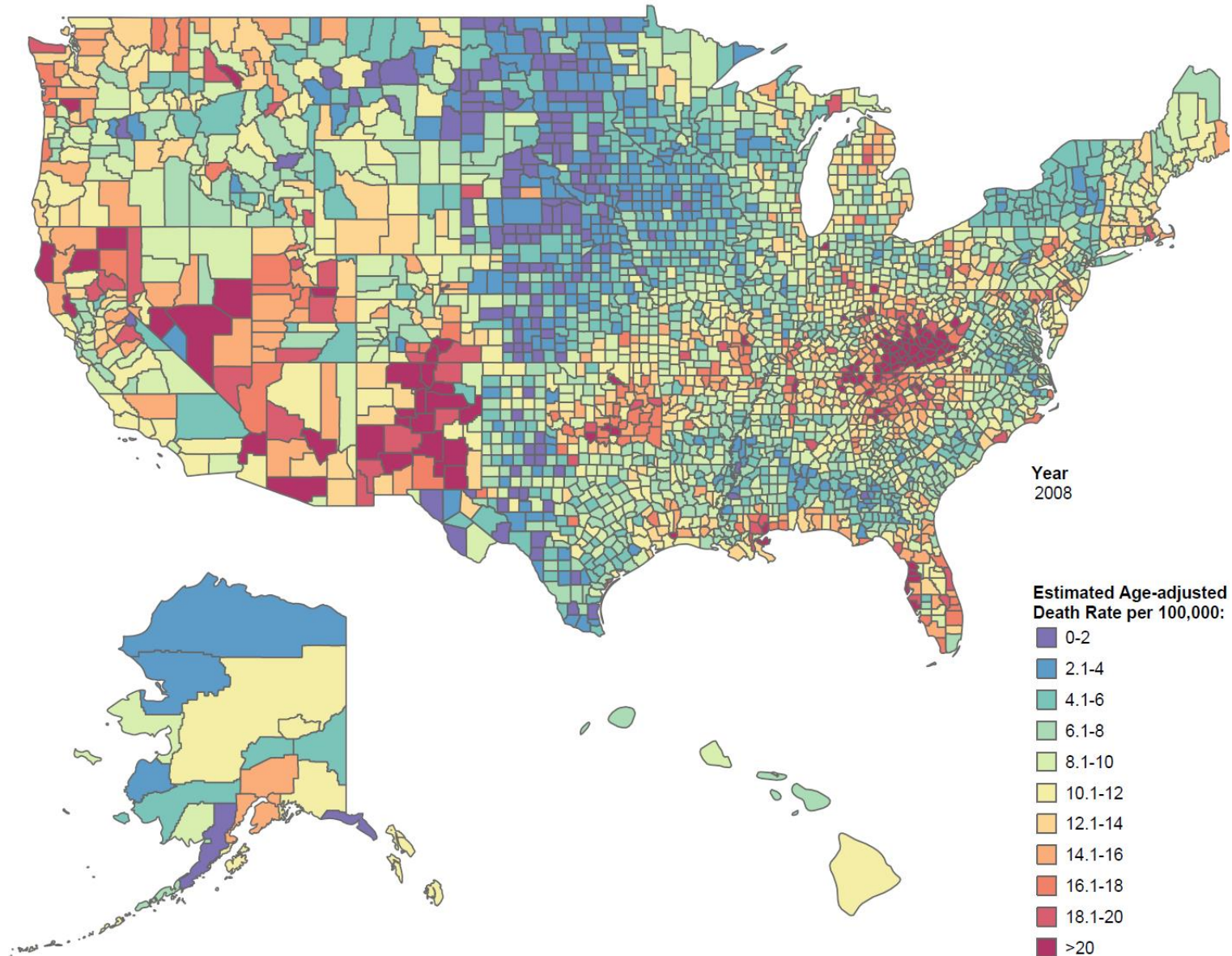
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2006



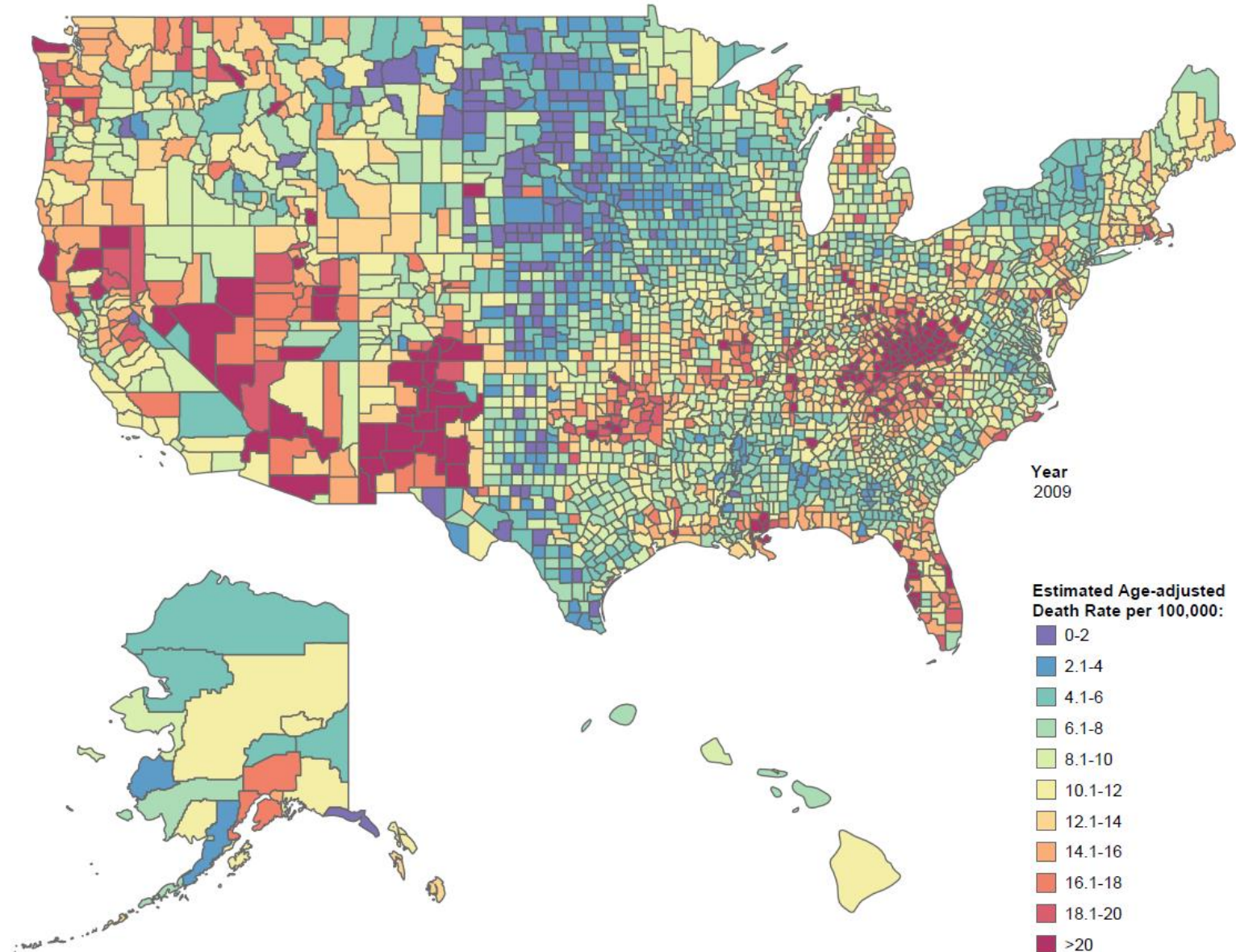
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2007



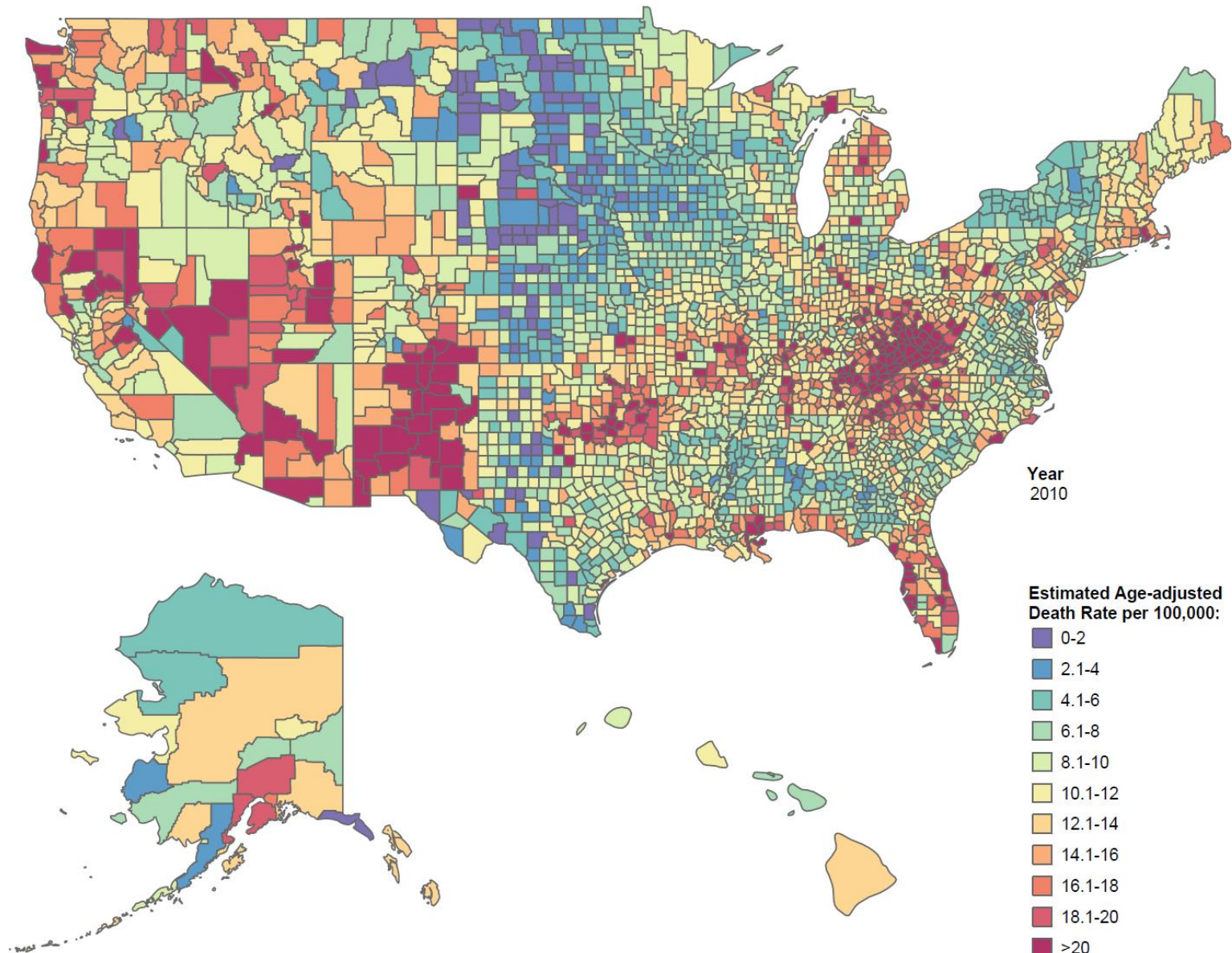
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2008



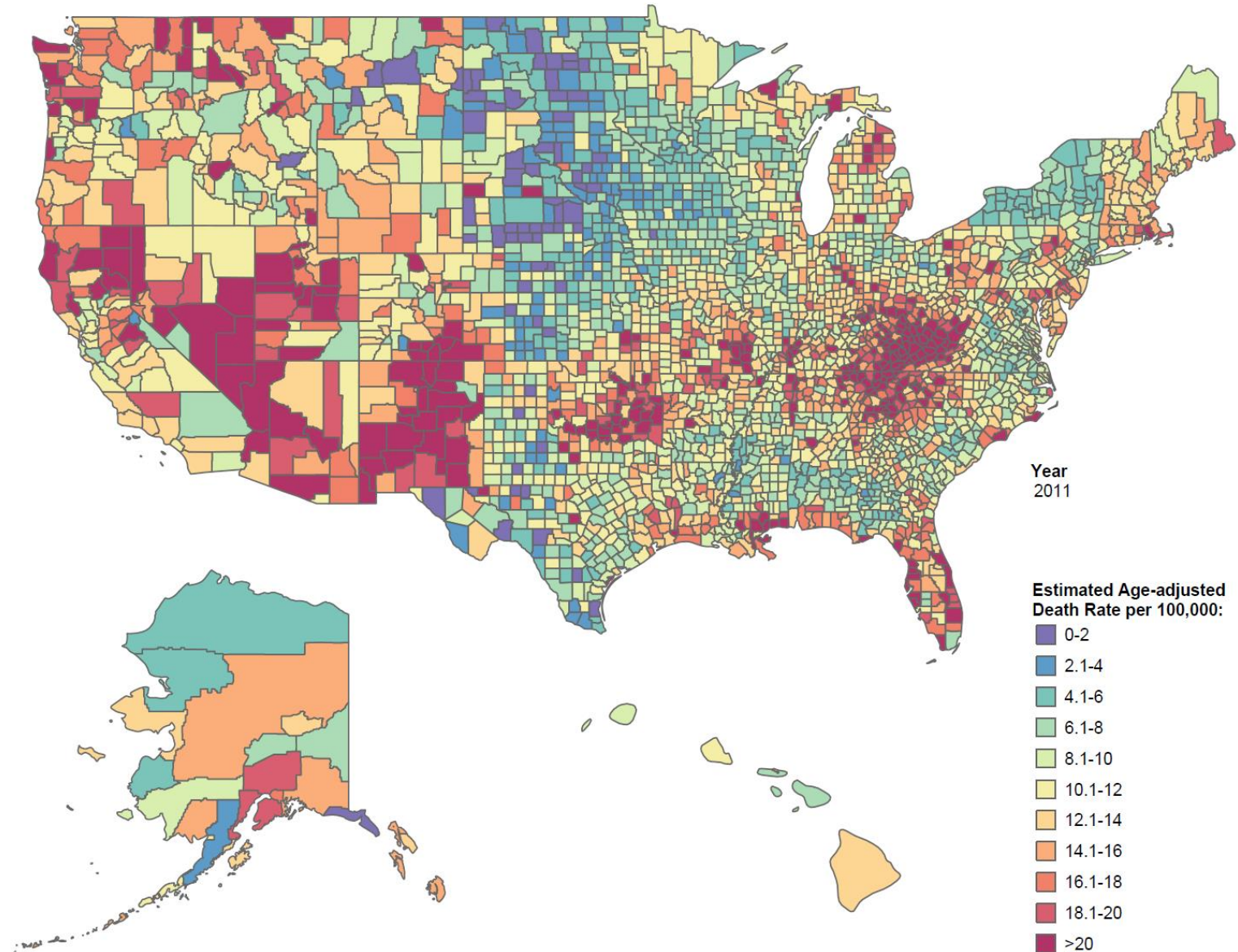
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2009



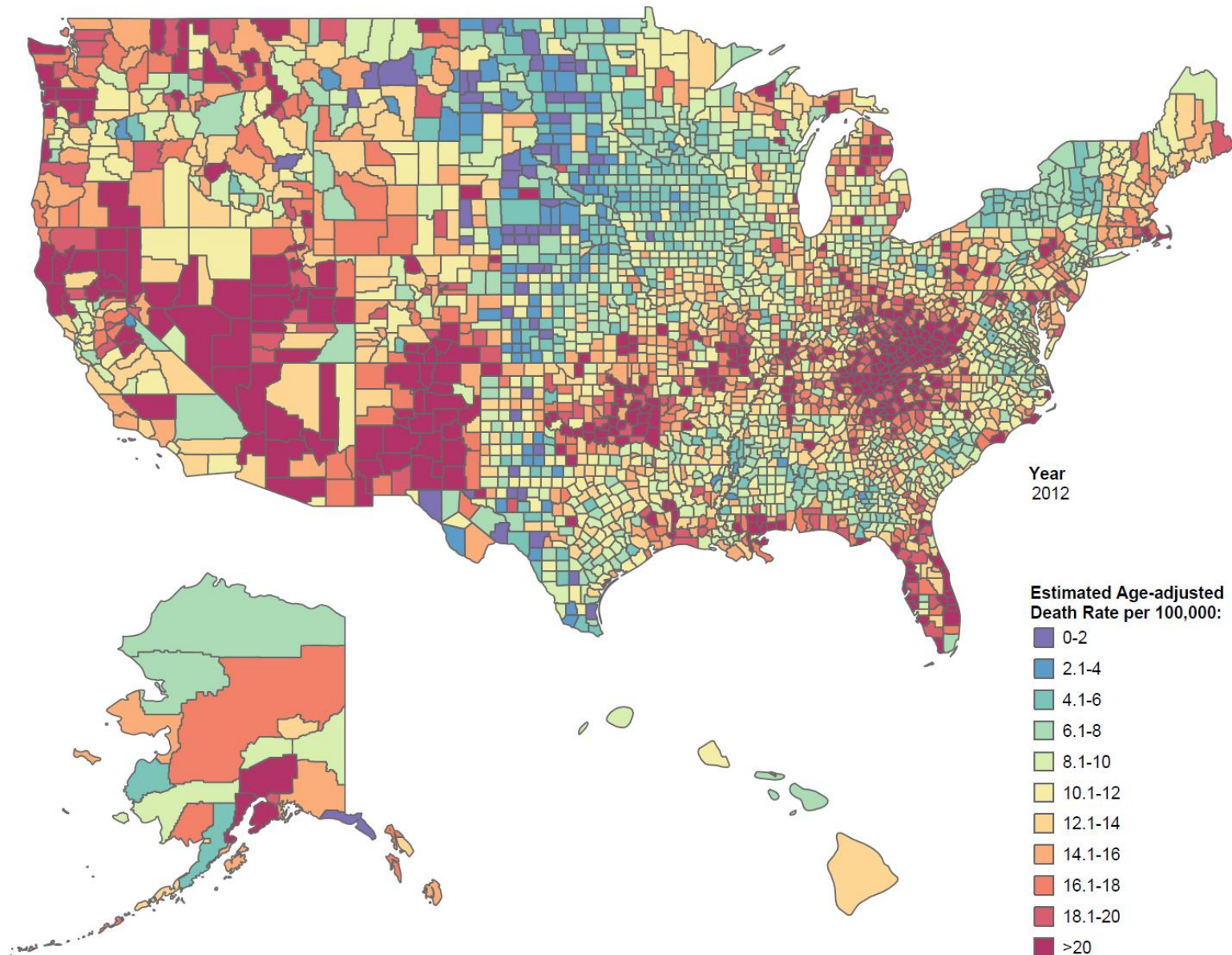
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2010



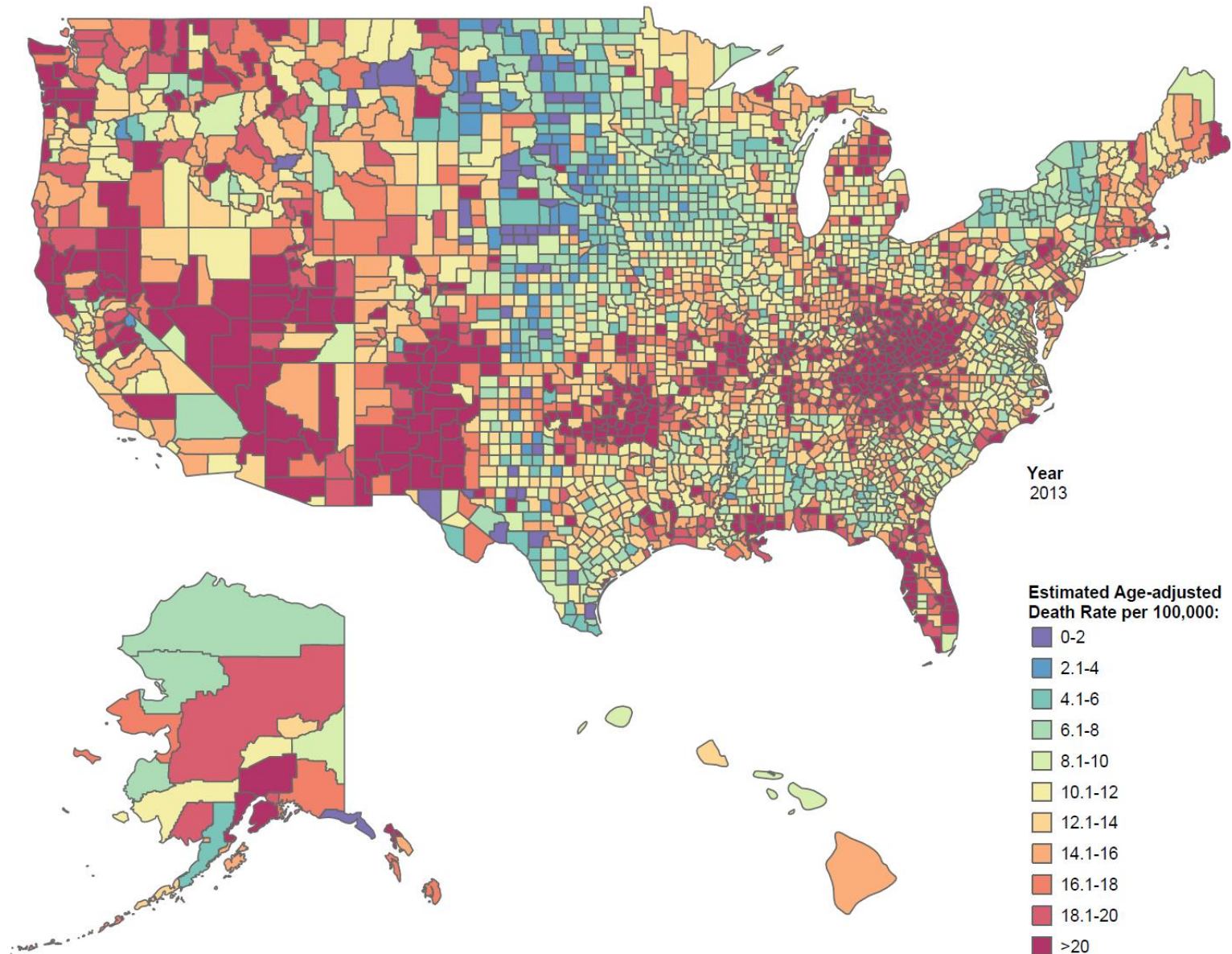
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2011



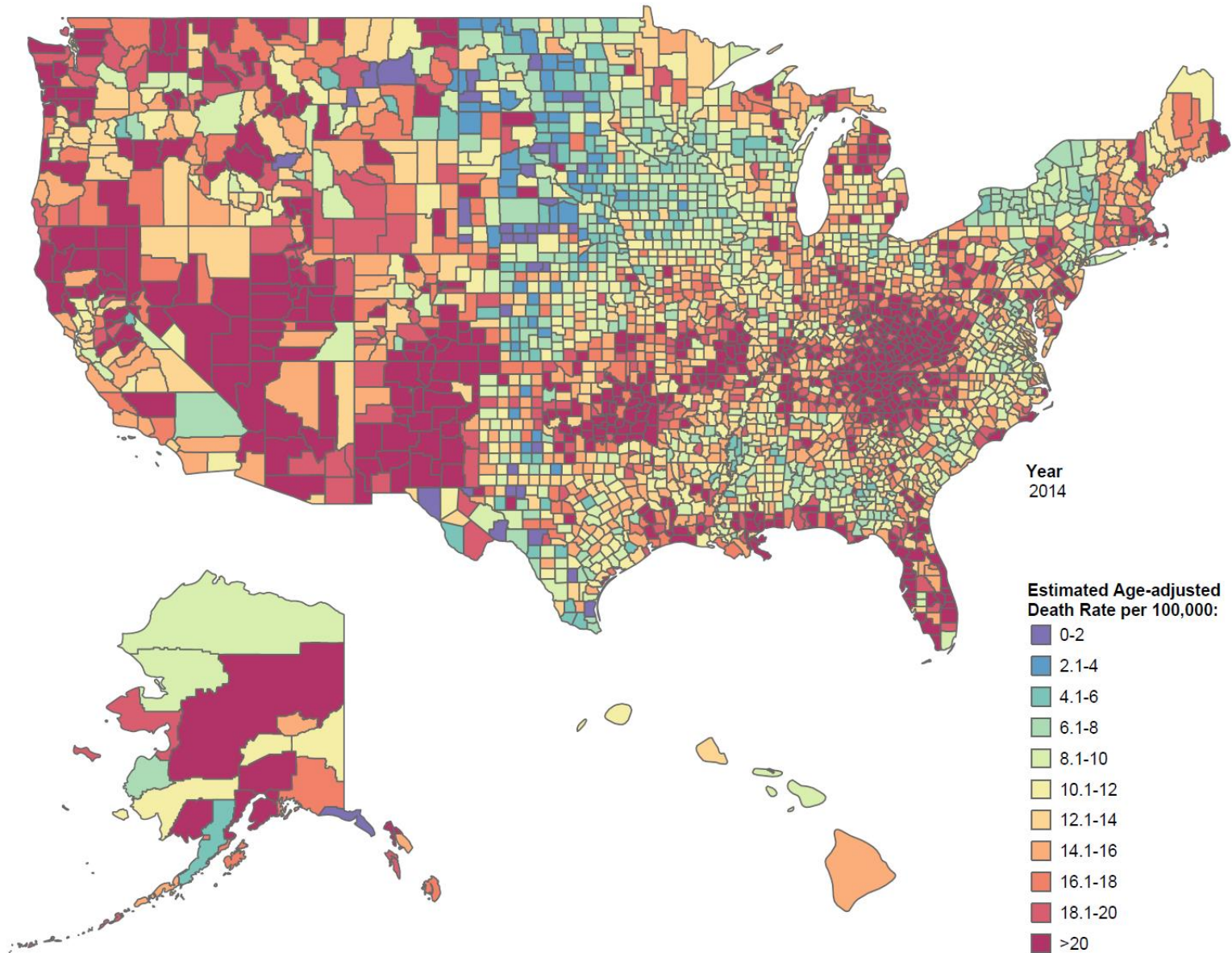
Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2012



Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2013



Estimated Age-adjusted Death Rates for Drug Poisoning by County, 2014



Most Commonly Misused or Abused Types of Legal Drugs



Opioid Pain Relievers

- drugs that contain active ingredient **codeine**, **hydrocodone**, and **oxycodone**.

Buprenorphine

Butorphanol (Stadol®)

Codeine

Fentanyl (Duragesic® patch)

Hydrocodone (Vicodin®)

Hydromorphone (Dilaudid®)

Meperidine (Demerol®)

Methadone

Morphine

Nalbuphine (Nubain®)

Oxycodone

(Percocet®/Percodan®)

Oxymorphone

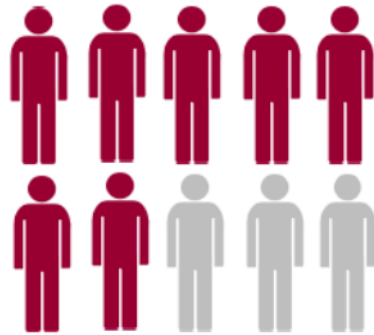
Pentazocine (Talwin®)

Paregoric

Propoxyphene (Darvon®)



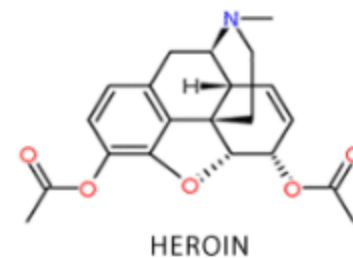
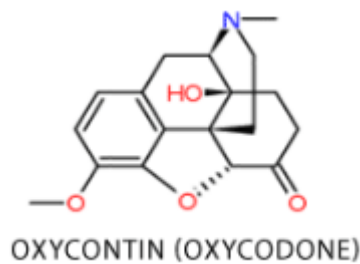
3 out of 4 people
who used heroin in the
past year misused
opioids first



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



Addiction: Opioid Use Disorder



Addiction: Opioid Use Disorder



- A **disease** of the brain
- Preventable
- **Chronic**
- Treatable
- Not Curable
- Sometimes Fatal

Substance Use Disorders are Chronic Diseases

DIABETES

- Genetic predisposition
- Lifestyle choices are a factor in development of the disease
- Severity is variable
- There are diagnostic criteria
- Once diagnosed, you've got it

ADDCITION

- Genetic predisposition
- Lifestyle choices are a factor in development of the disease
- Severity is variable
- There are diagnostic criteria
- Once diagnosed, you've got it

Medication-Assisted Treatment and Recovery for Opioid Use Disorders

A combination of behavioral therapy and medications
(most commonly methadone, buprenorphine, and naltrexone)



A note about environmental risk or protective factors...

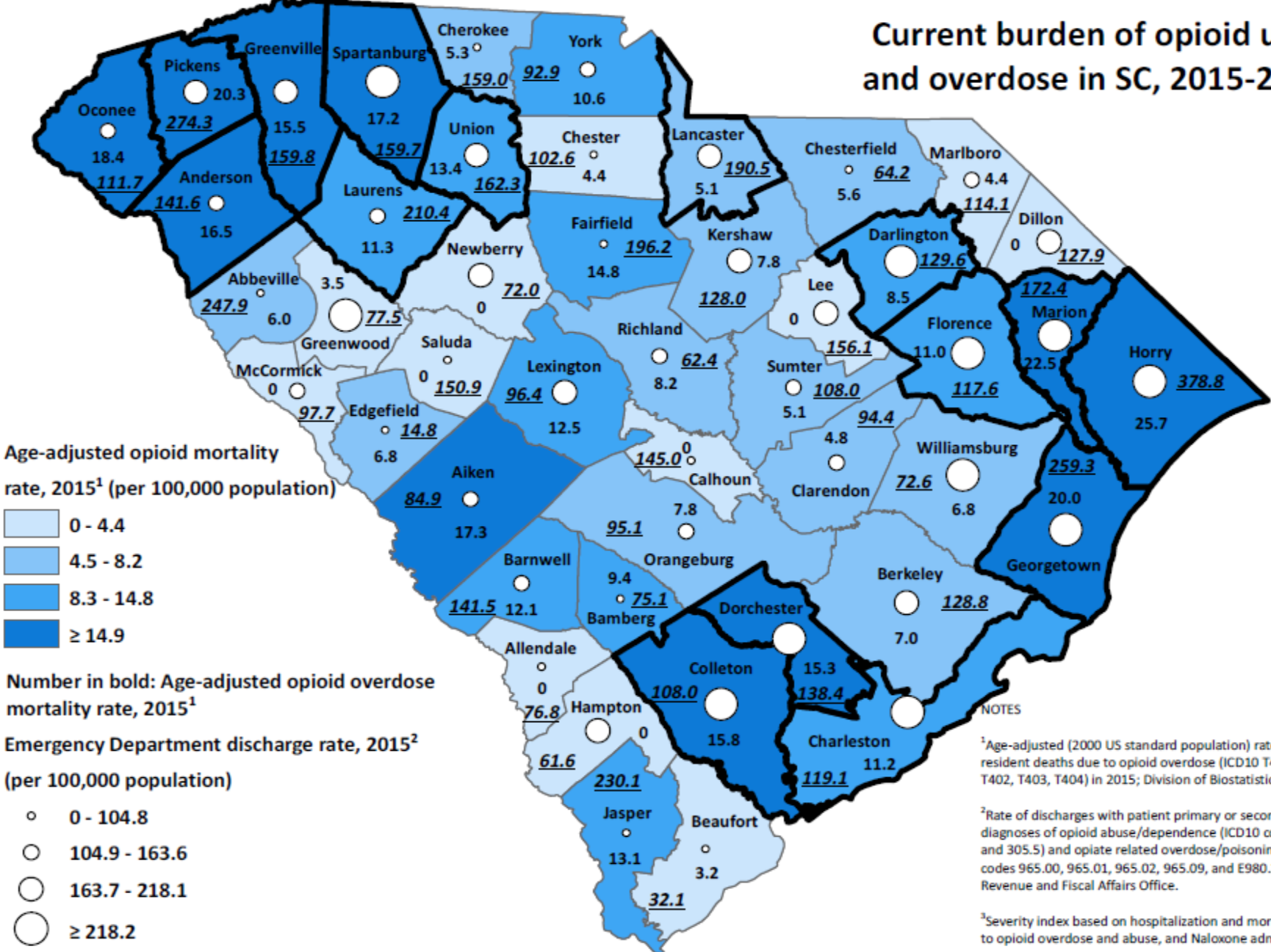


Recent Analysis and Action

- **Inspector General's Report, May 2013**
"South Carolina Lacks a Statewide Prescription Drug Abuse Strategy"
- **Executive Order No. 2014-22, March 2014**
Establishing Prescription Drug Abuse Prevention Council
- *"State Plan to Prevent and Treat Prescription Drug Abuse"*
December 2014



Current burden of opioid use and overdose in SC, 2015-2016



Age-adjusted opioid mortality rate, 2015¹ (per 100,000 population)

- 0 - 4.4
- 4.5 - 8.2
- 8.3 - 14.8
- ≥ 14.9

Number in bold: Age-adjusted opioid overdose mortality rate, 2015¹

Emergency Department discharge rate, 2015² (per 100,000 population)

- 0 - 104.8
- 104.9 - 163.6
- 163.7 - 218.1
- ≥ 218.2

Severity Index ≥ 15³

Number underlined and in italics: Naloxone administration rate (per 100,000 population), 2016⁴

NOTES

¹Age-adjusted (2000 US standard population) rate of resident deaths due to opioid overdose (ICD10 T400, T401, T402, T403, T404) in 2015; Division of Biostatistics, PHSIS, DHEC.

²Rate of discharges with patient primary or secondary diagnoses of opioid abuse/dependence (ICD10 codes 304.0 and 305.5) and opiate related overdose/poisoning (ICD10 codes 965.00, 965.01, 965.02, 965.09, and E980.2) in 2015; Revenue and Fiscal Affairs Office.

³Severity index based on hospitalization and mortality related to opioid overdose and abuse, and Naloxone administration.

⁴Rate calculated based on Naloxone administrations reported to EMS Data System in 2016; Bureau of EMS, DHEC.

Award from SAMHSA to
Prevent Prescription Drug/Opioid
Overdose-Related Deaths

“The SC Overdose Prevention Project”

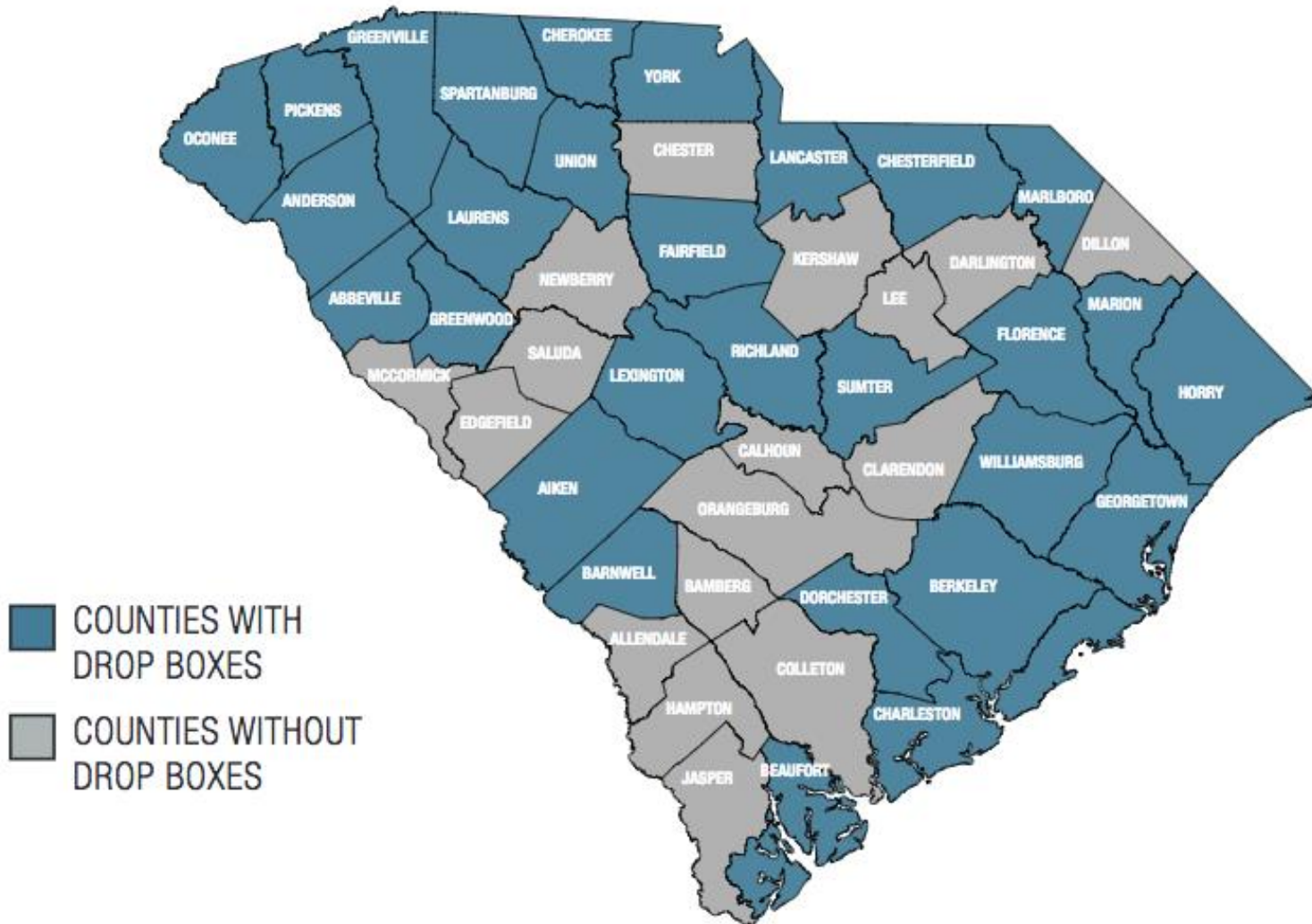
- Funding amount: \$3,192,772
- Project Period: Five years



South Carolina
DAODAS
Department of Alcohol and Other Drug Abuse Services

UNWANTED MEDICAL DISPOSAL SITES

You can drop off unwanted prescription drugs at these locations year-round. Check with each location for hours of operation.



State Targeted Response to the Opioid Crisis Grant (SAMHSA)

Funding amount: \$6,575,623

- Statewide Multi-Level Multimedia Campaign
- Healthcare Professional Training
 - Online Learning Collaborative
 - Academic Detailing
- SCRIPTS Integration With EHRs
- Offender Re-Entry Programming
- Financial Assistance for Treatment
- Recovery Programming
- Peer Support

Save the Date

Governor's Opioid Summit
Sponsored by DAODAS

September 6th and September 7th

Columbia Metropolitan Convention Center

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803-896-8371

