



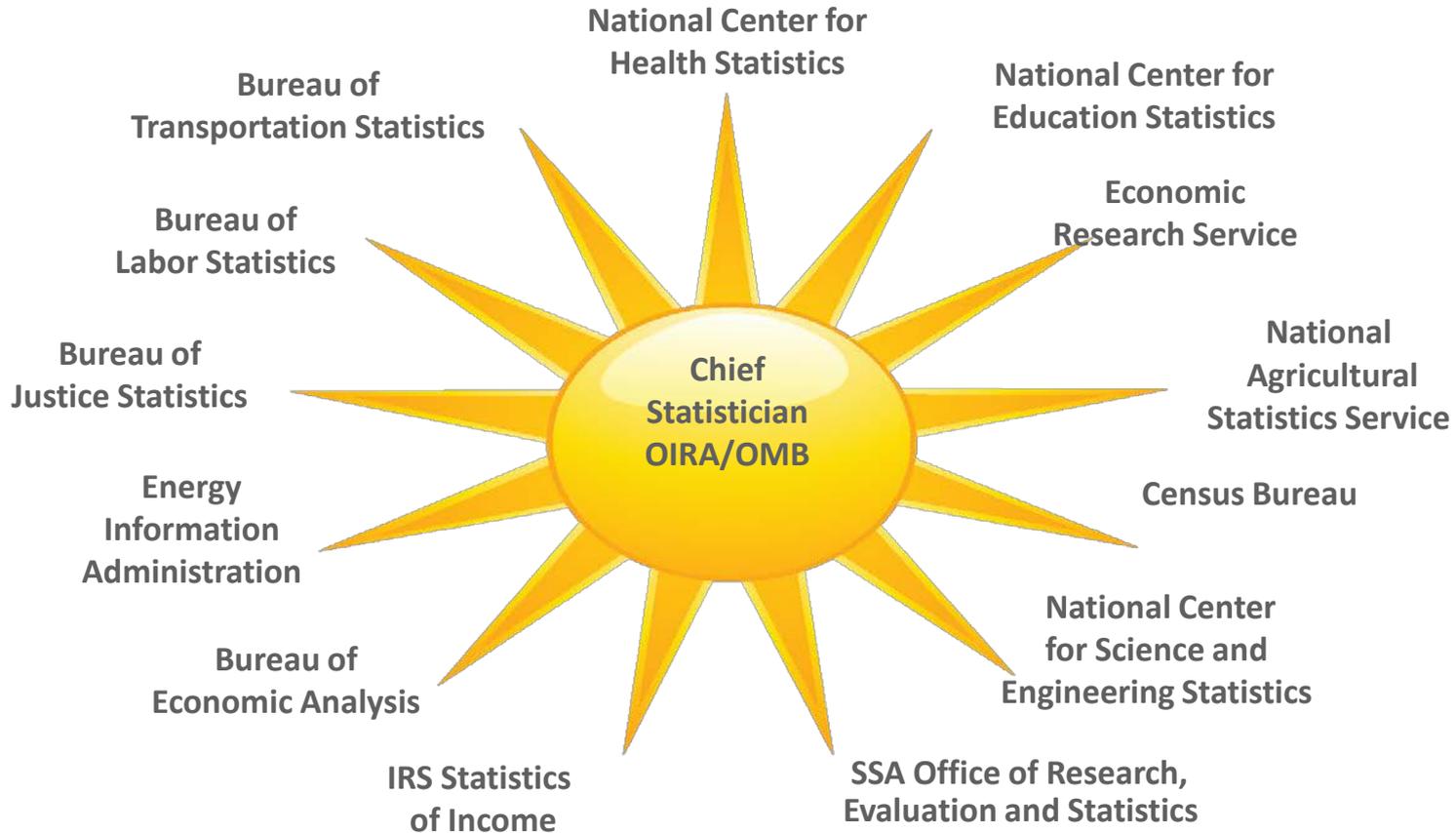
National Center for Health Statistics

Delton Atkinson
Director, Division of Vital Statistics
National Center for Health Statistics

CDC New Health Official Orientation

May 2, 2018

Current U.S. Federal Statistical System



National Center for Health Statistics (NCHS)

- NCHS Mission
- Major Data Systems
- Healthy People 2020 Monitoring
- Vital Statistics Activities

NCHS Mission

As the Designated Health Statistics Agency for the Nation, NCHS:

- Collects, analyzes, and disseminates data to monitor the nation's health
- Compares data across time, populations, providers and geographic areas
- Identifies health problems, risk factors, and disease patterns
- Informs actions and policies to improve the health of the American people

Major NCHS Data Systems

- National Health Interview Survey
- National Health and Nutrition Examination Survey
- National Survey of Family Growth
- National Health Care Surveys
- National Vital Statistics System

Healthy People Initiative and NCHS' Role

- What is Healthy People?
 - A **national agenda** that communicates a vision for improving health and achieving health equity
 - Identifies **science-based, measurable objectives** with **targets** to be achieved each decade (since 1980)
 - Requires tracking of **data-driven outcomes** to monitor progress and to motivate, guide, and focus action
- NCHS role as Statistical Advisor to HHS and the Topic Area workgroups on health promotion data
 - Conduct **research** and develop **methods** for measuring the overarching goals of Healthy People (e.g., health disparities)
 - Create **analytic and graphical presentations** to display progress towards reaching the goals and objectives
 - Maintain **comprehensive database** for all the Healthy People objectives
 - Provide **expertise and technical assistance** to national, state, and local health monitoring efforts.
- Planning for HP2030 is getting underway

Division of Vital Statistics

Goals of the Division of Vital Statistics

- Timely, high-quality, and comparable data for decision-making and health status assessments
 - Transform mortality and birth systems into near real-time surveillance system
 - Timely matching services with National Death Index Program for health services research
 - Timely assistance and services to states
- 

Services to States

- Quality reviews of state birth, death and fetal death records
- Technical assistance to states to improve performance
- Training of state staff -----*registrars and new staff to vital statistics*
- Coding of the causes of death
- Development of Model Law for Vital Statistics
- Special project funding for improving/advancing the vital statistics program (*when funding is available*)

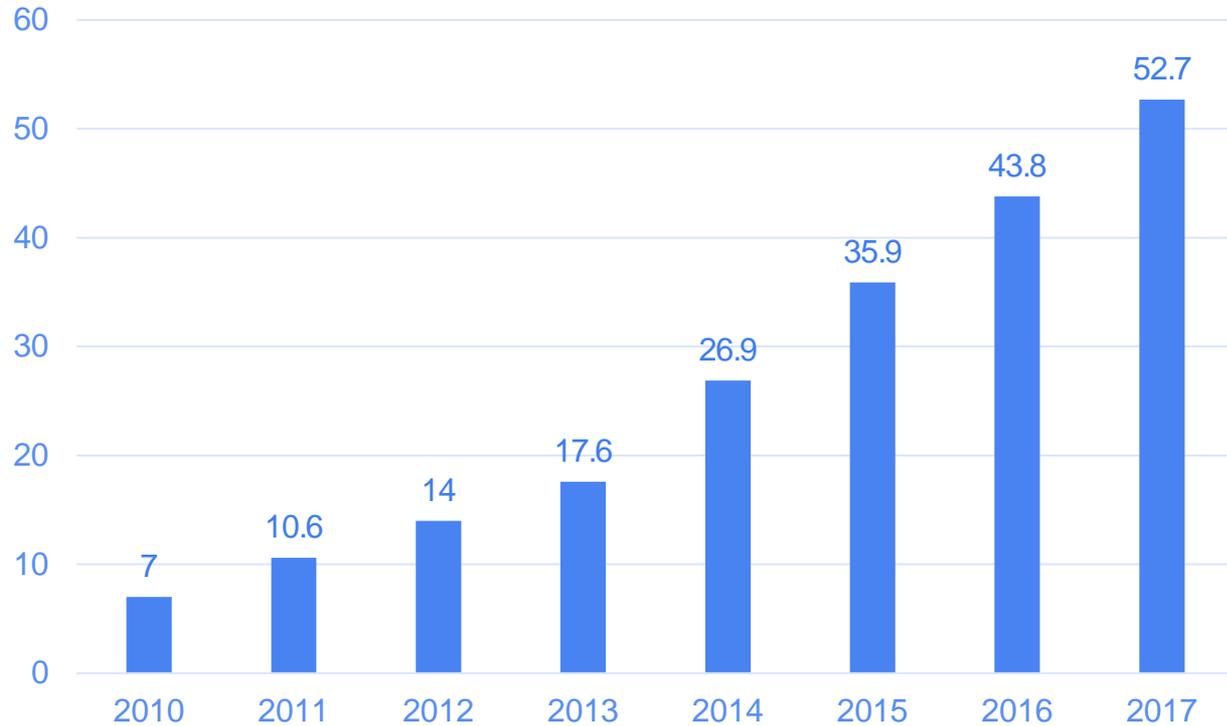
In-direct Services to States

- Payment of states for the data (VSCP contract)
- Actively seek grant funding to support state electronic systems and improved practices
- National Death Index Program
 - Data matching services to facilitate research
 - States are paid based on records that are used
 - 100% receipt funded
- Broadening other CDC Cooperative Agreements to states the option of using their funds for electronic vital systems
 - OPHPR Cooperative agreement has such language

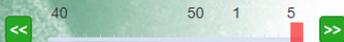
Key Initiatives

- Accreditation of Vital Records/Statistics Programs
 - Joint with PHAB and NAPHSIS
 - Beta test in 6 states
 - Minimum standards to improve state performance
- Quality of the data
 - eLearning for Physicians and Nurses
 - Quality of cause of death projects in 13 states
 - Working with ASTHO on improving drug specificity on death certificates in 2 states
 - Interoperability of systems at a state level----PCOR project (medical examiner offices and state electronic death registration system)
- Timeliness of the data
 - Transmission of data to NCHS (funded about 31 states in last 5 years)
 - Special note: Drug deaths (*quick review*)

Percent of Mortality Records Transmitted to NCHS Within 10 days of the Date of Death, 2010 thru 2017



Season:
2017-18



National
 State
 Region

Downloads

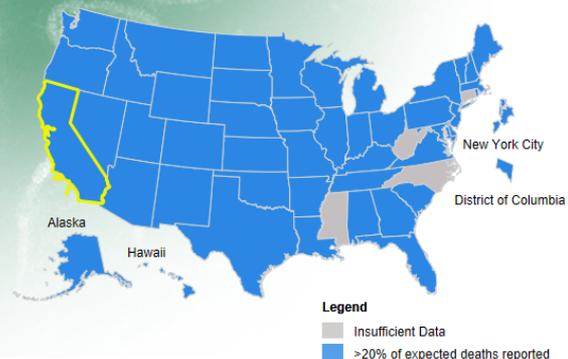
Help

State:

California

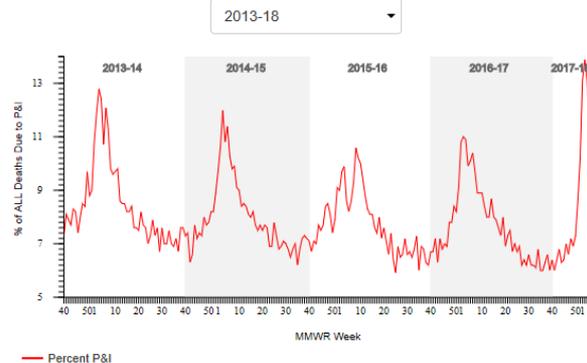
State Summary for week 5 (ending February 3, 2018)

[Download Image](#)



Percentage of all deaths due to pneumonia and influenza, California

[Download Image](#)



Information for selected week and previous two weeks, California

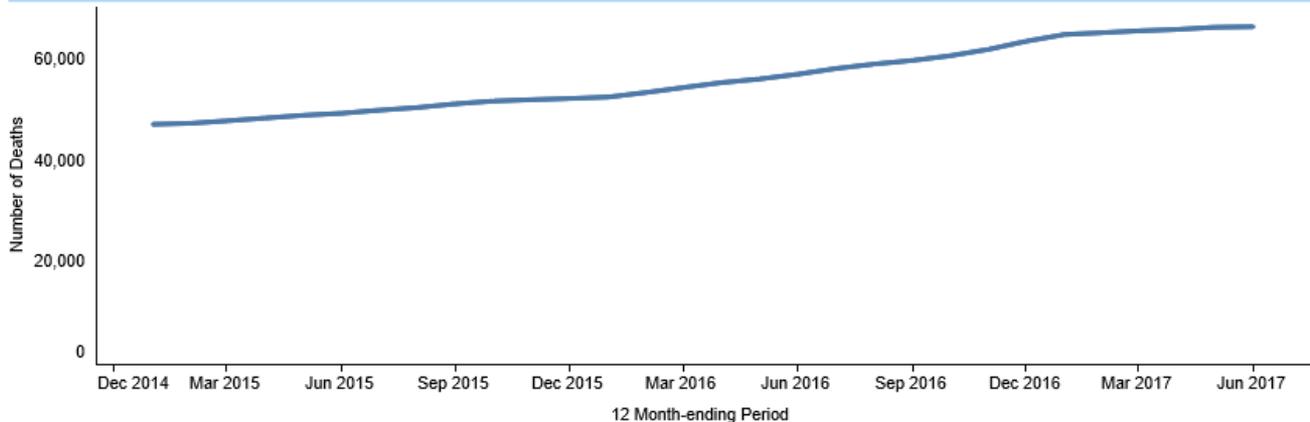
Week	Number of Pneumonia and Influenza Deaths	Total Deaths	Percent Complete [?]
Selected Week (week 5)	491	4,500	99.2%
Week 4	619	5,336	> 100%
Week 3	809	6,155	> 100%

12 Month-ending Provisional Counts of Drug Overdose Deaths

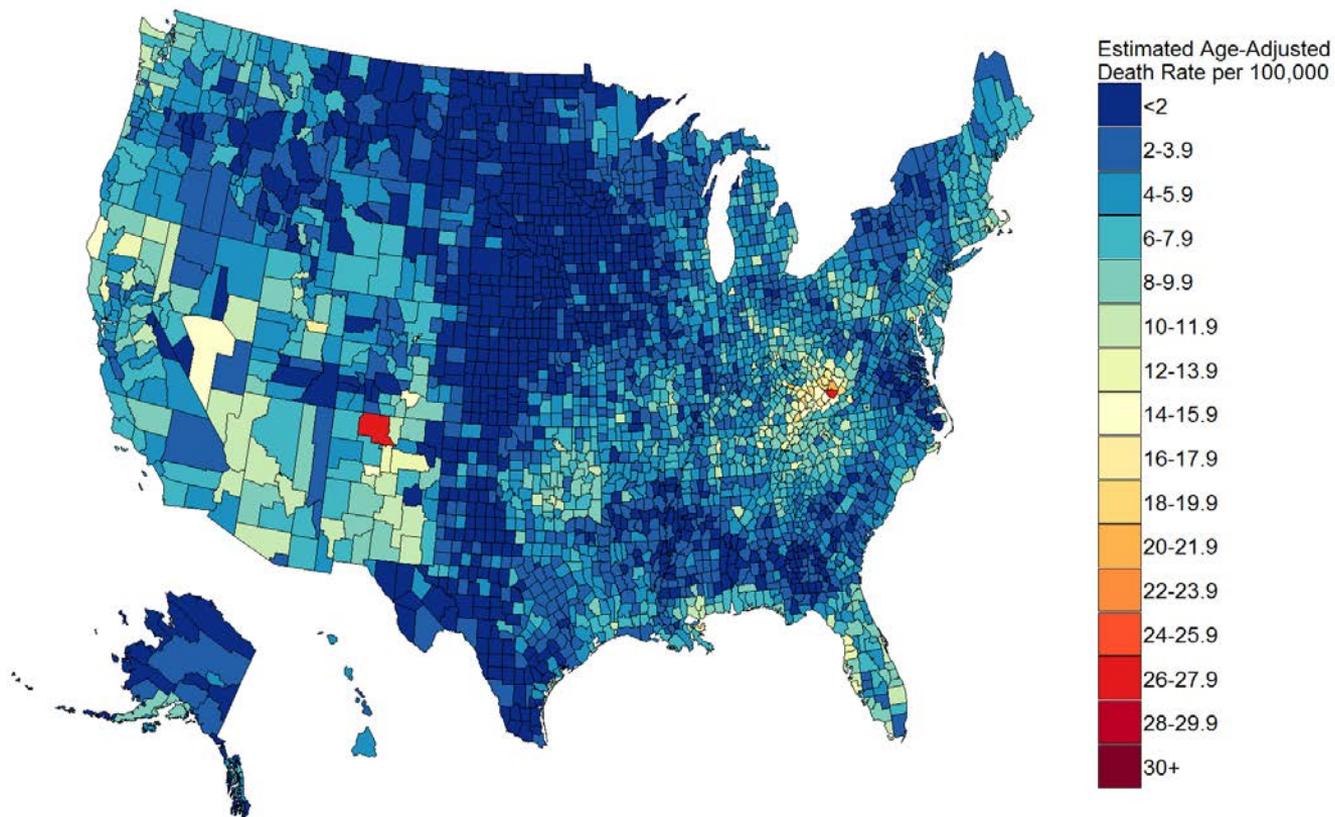
Based on data available for analysis on: January 7, 2018

Select Jurisdiction
United States

Figure 1. 12 Month-ending Provisional Counts of Drug Overdose Deaths: United States



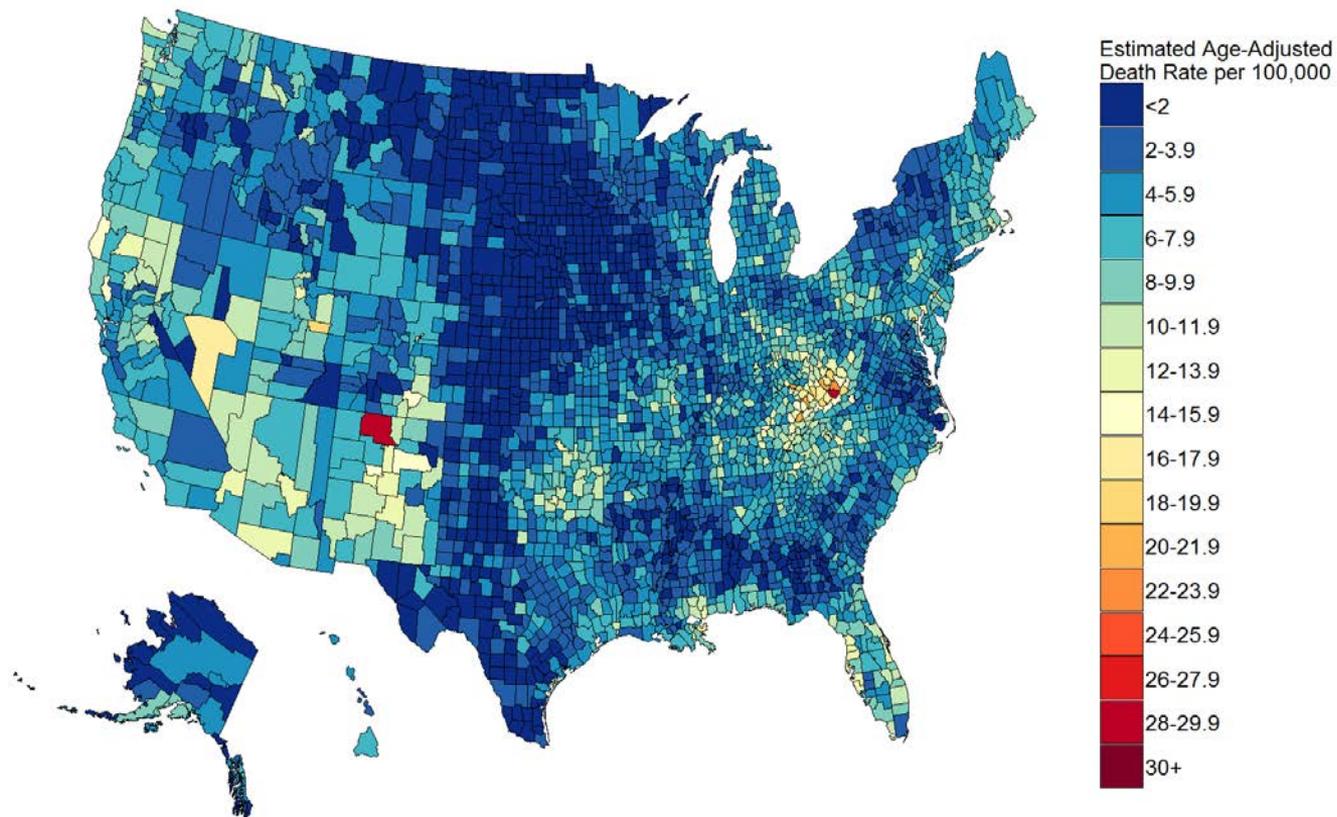
1999



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

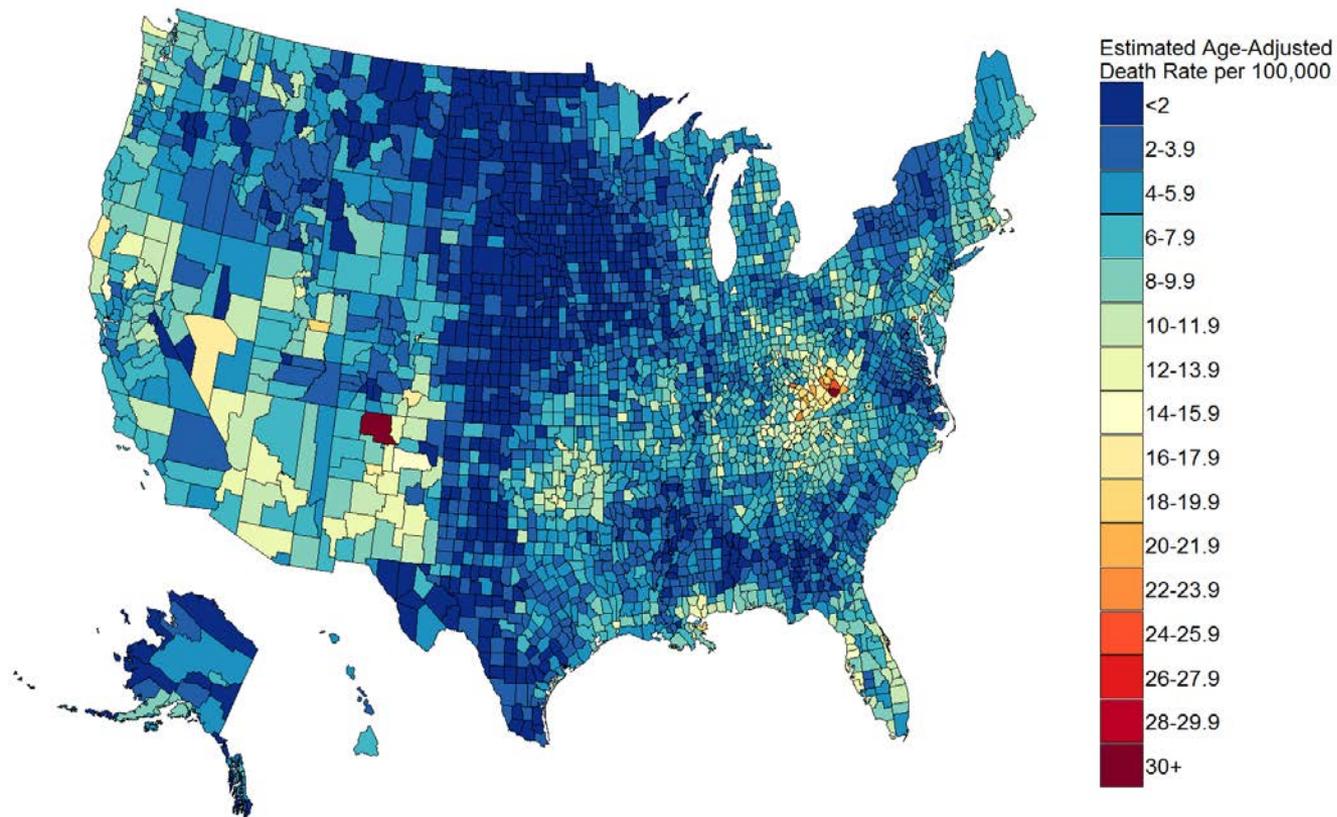
2000



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

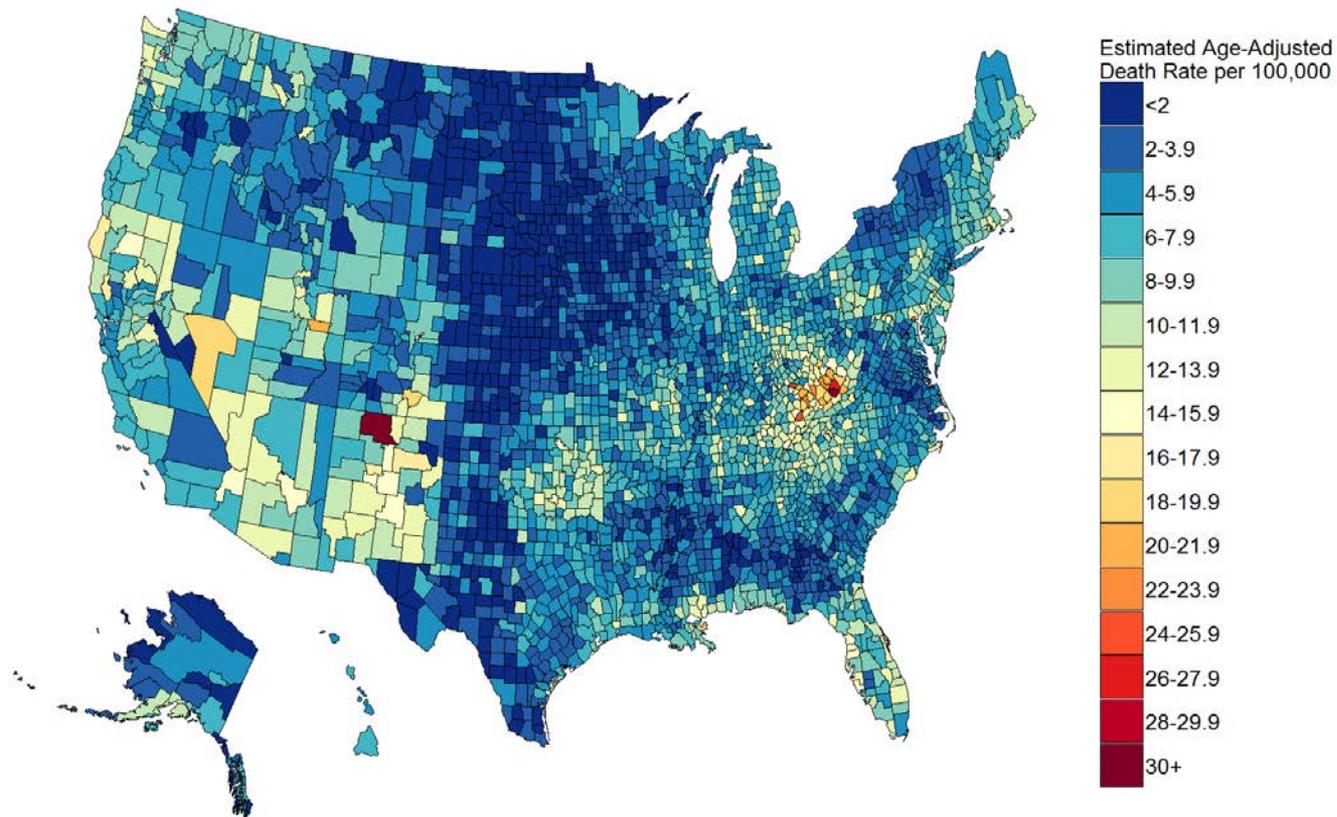
2001



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

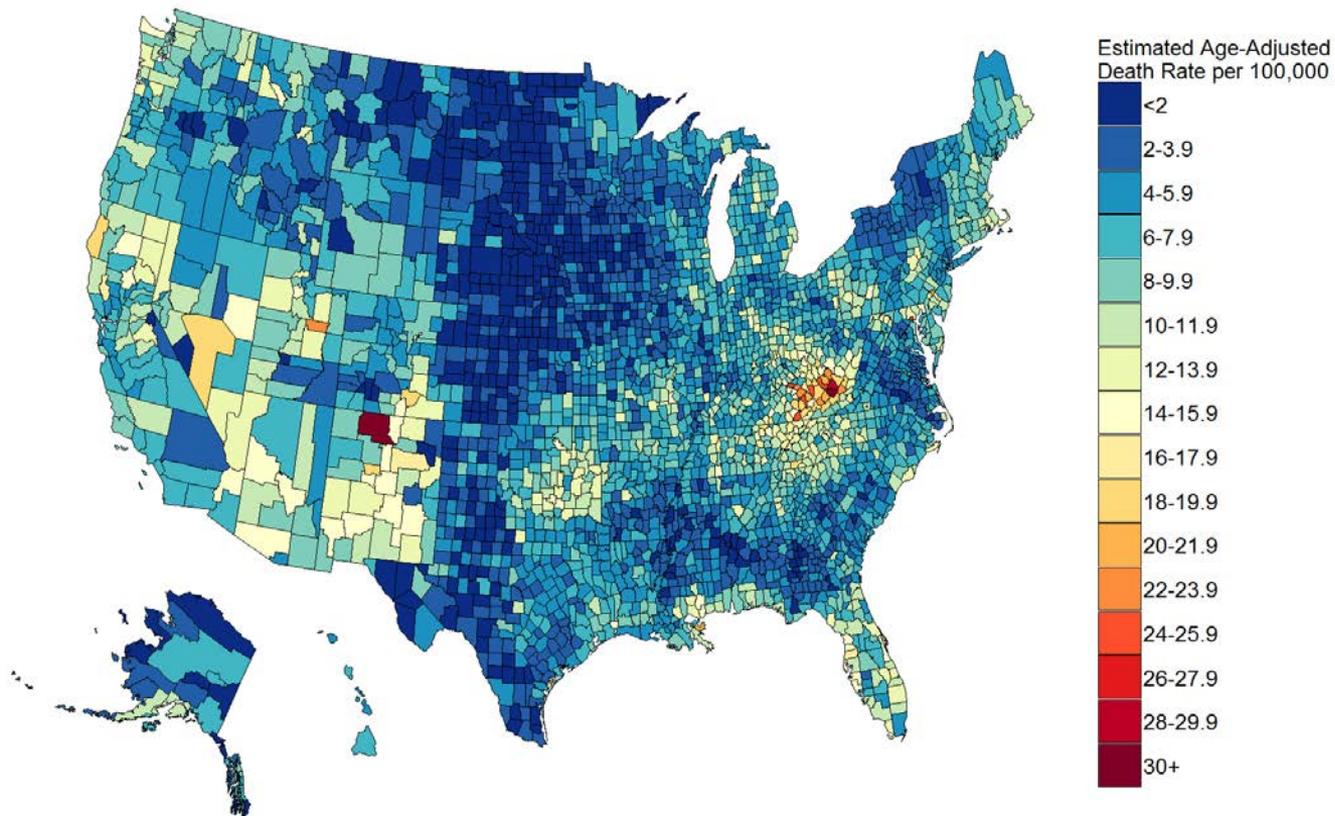
2002



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

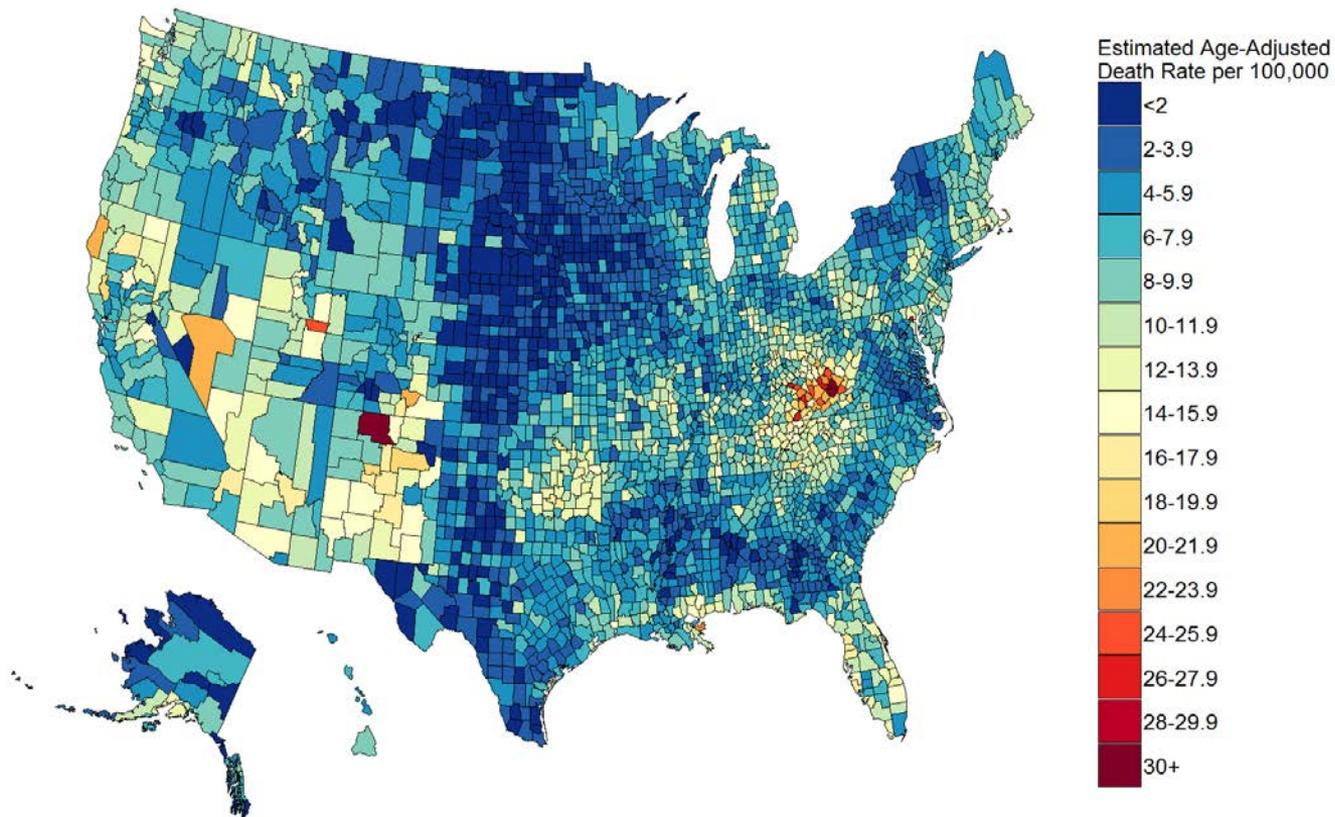
2003



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

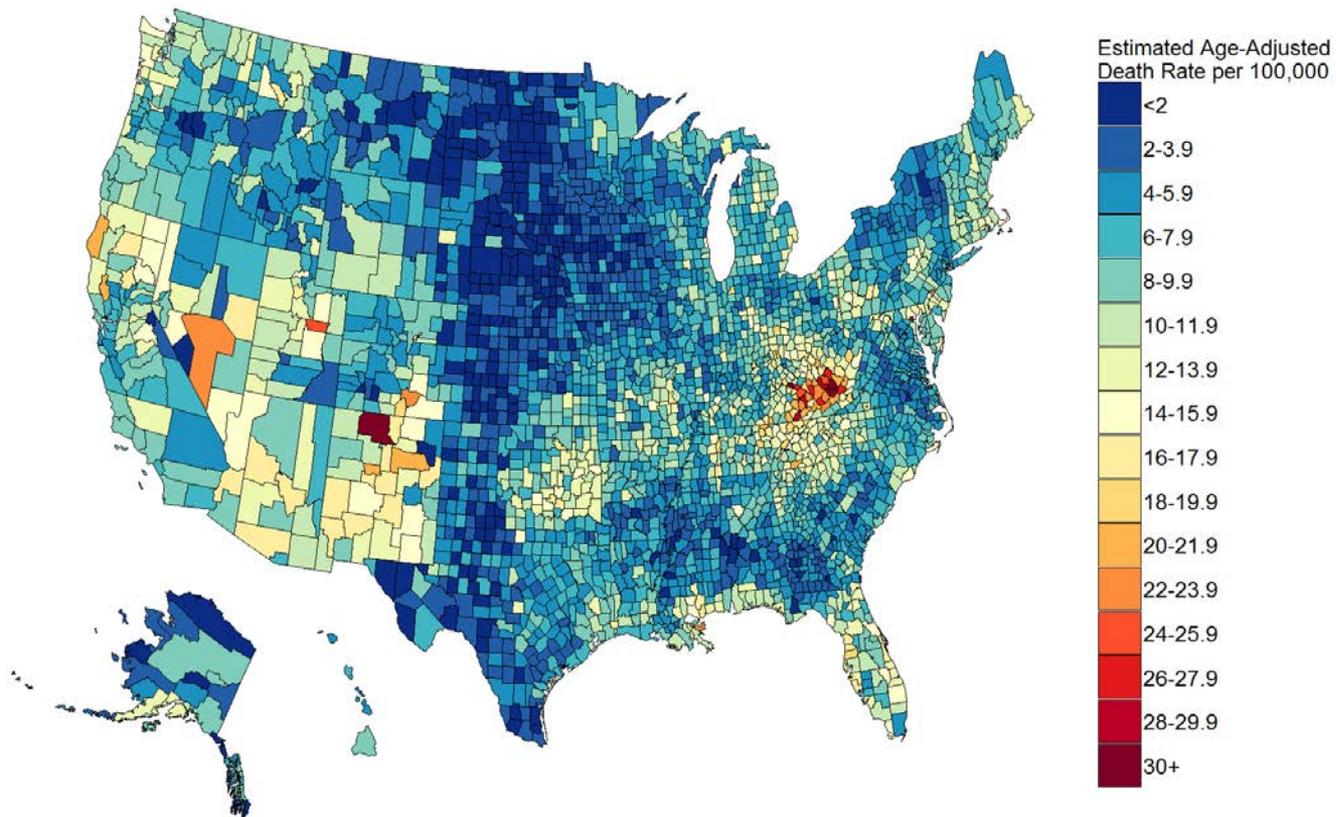
2004



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

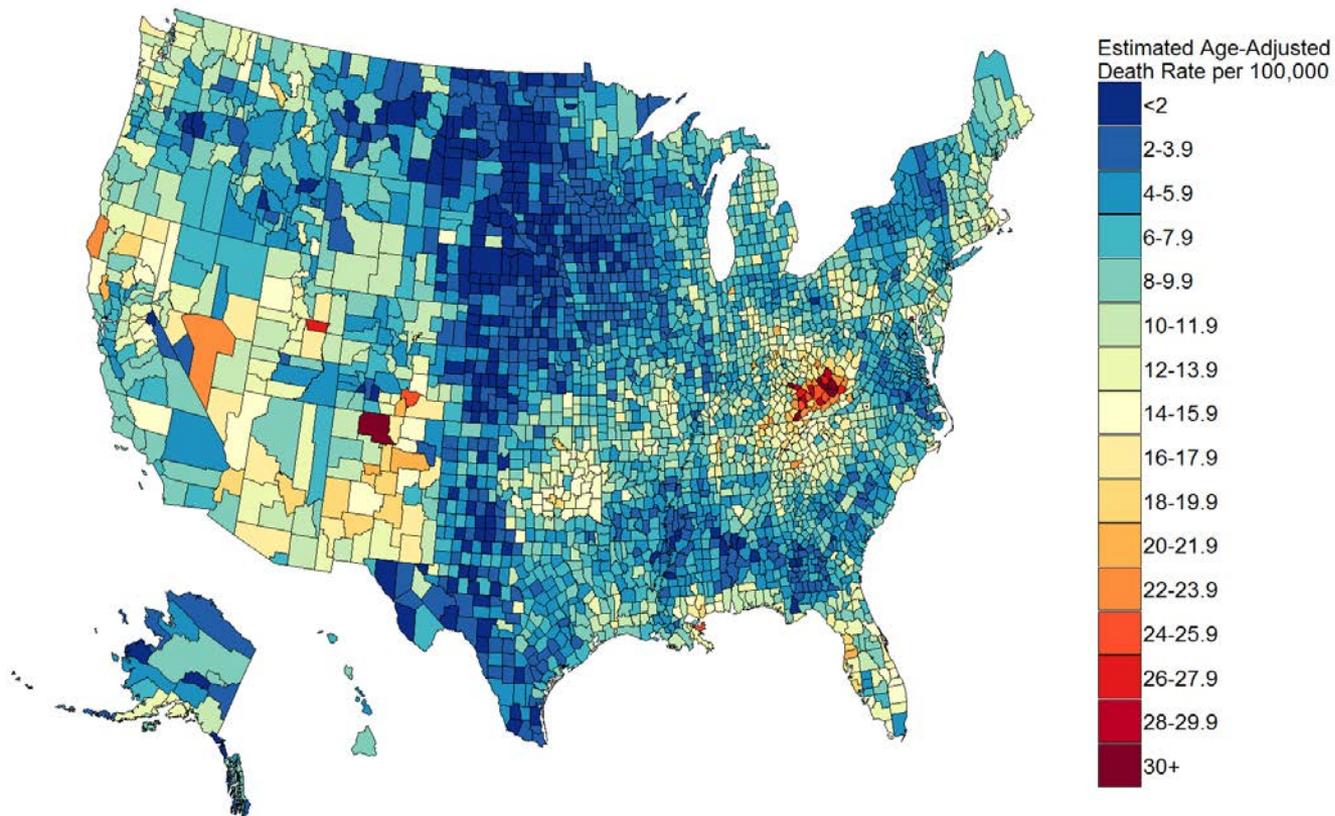
2005



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

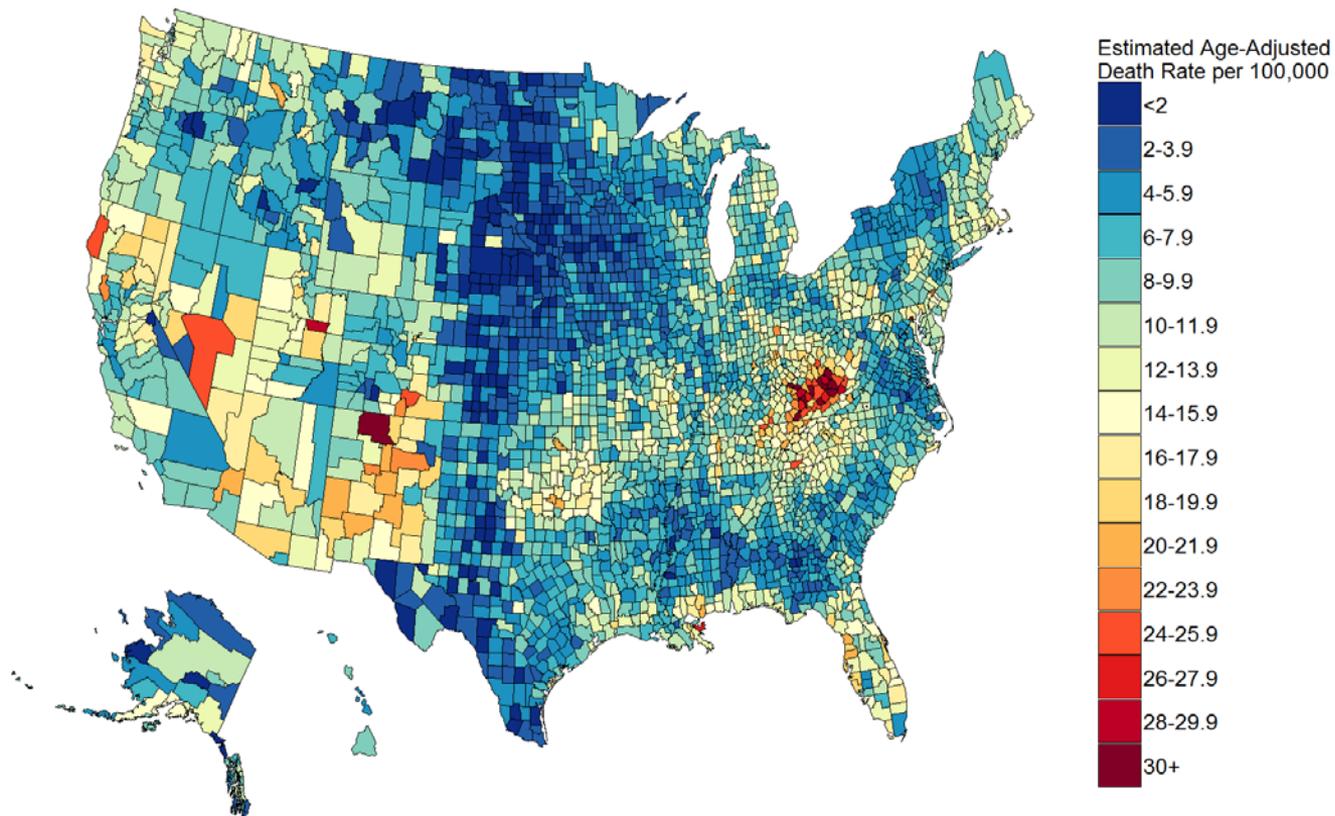
2006



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

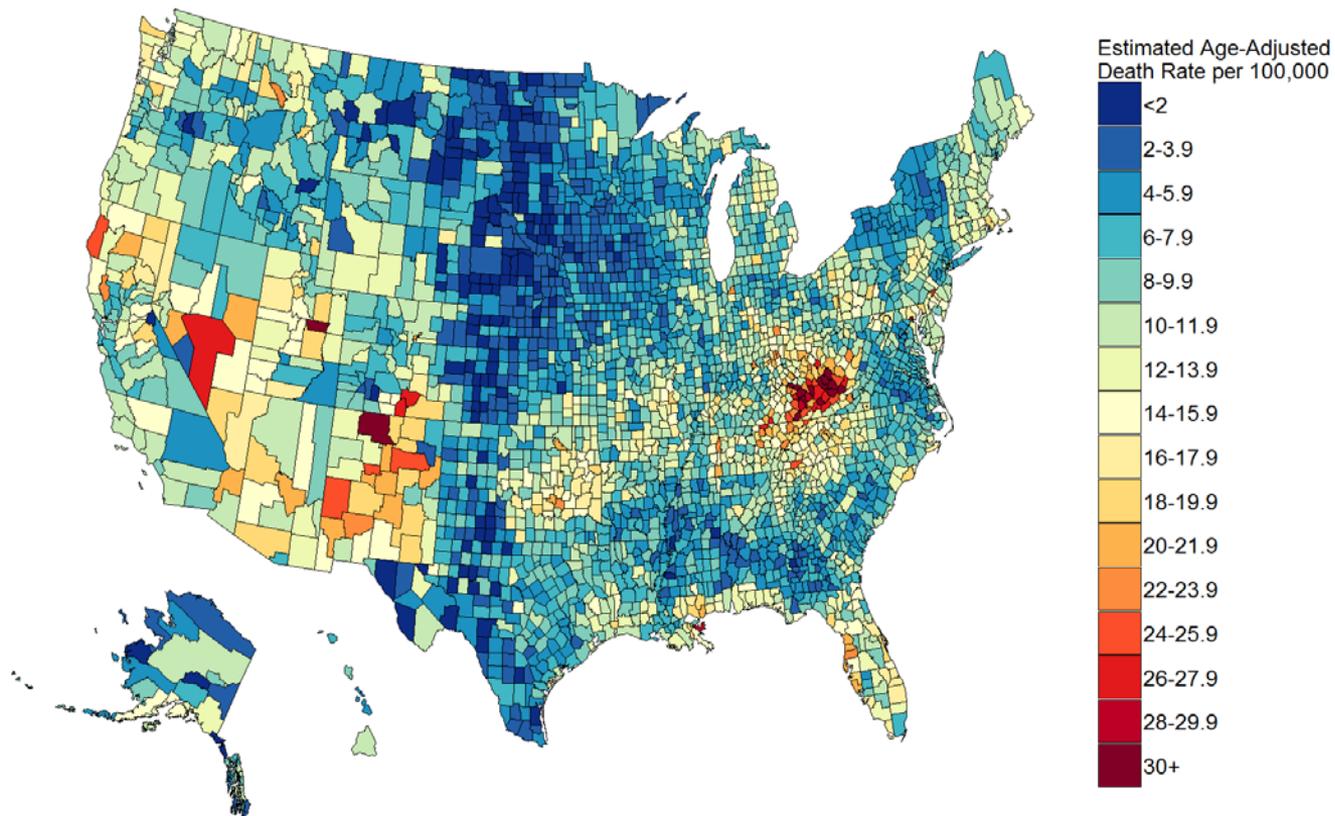
2007



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

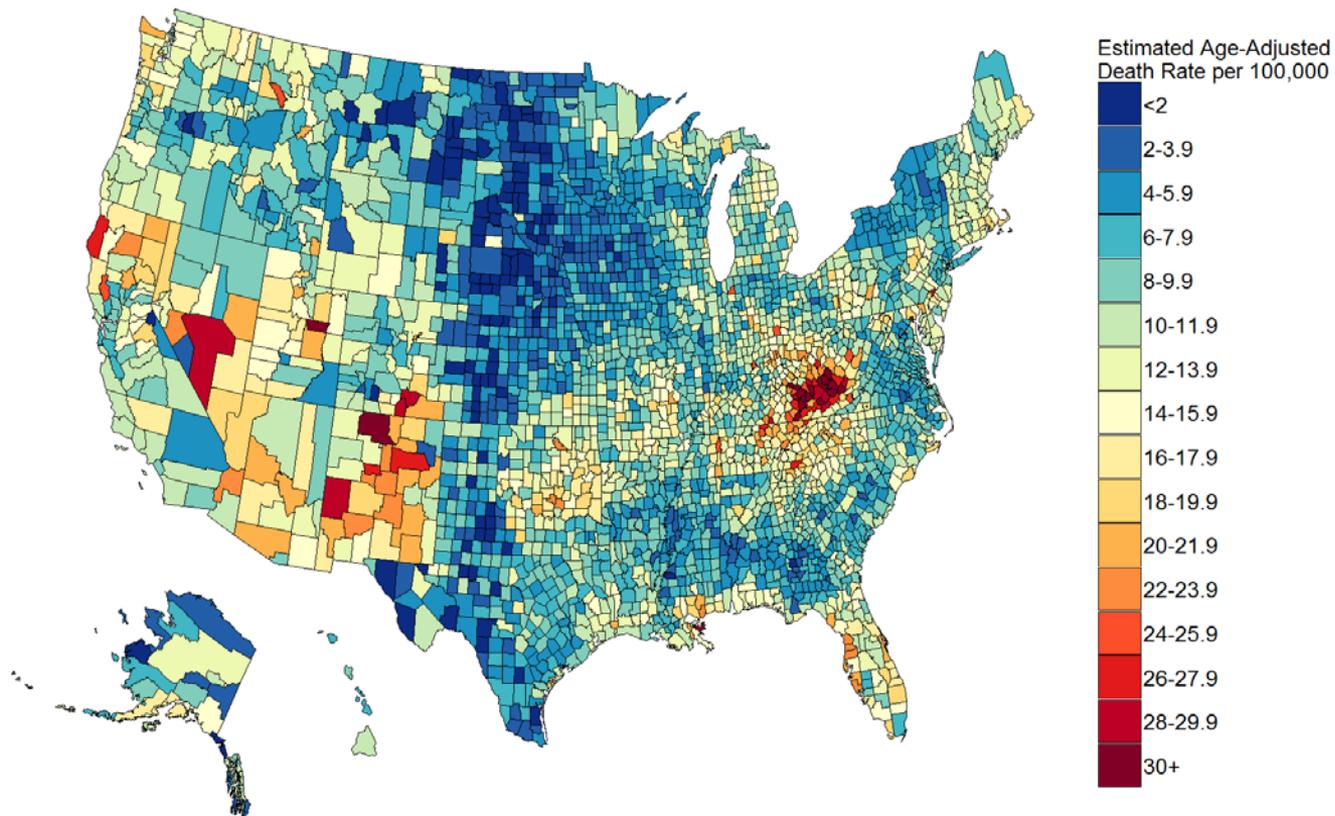
2008



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

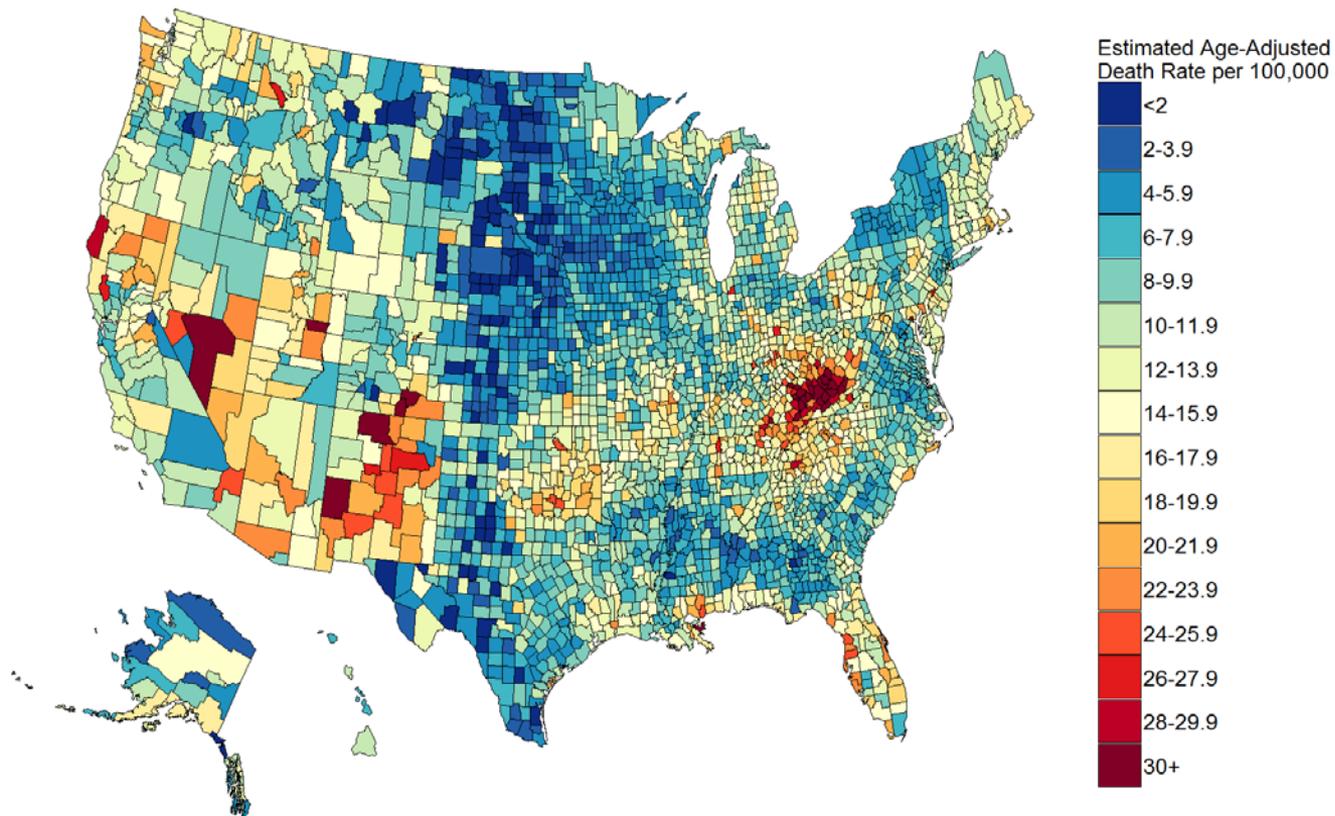
2009



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

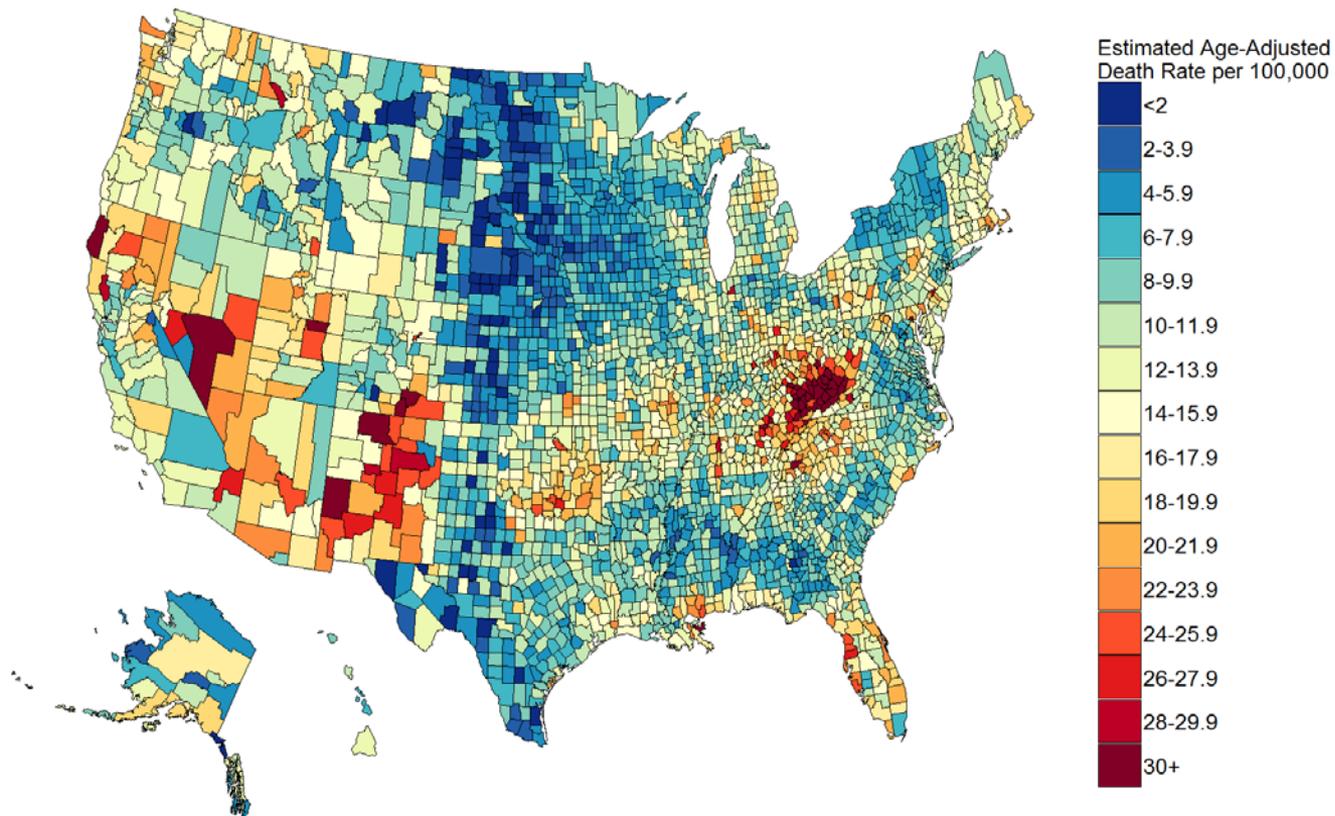
2010



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

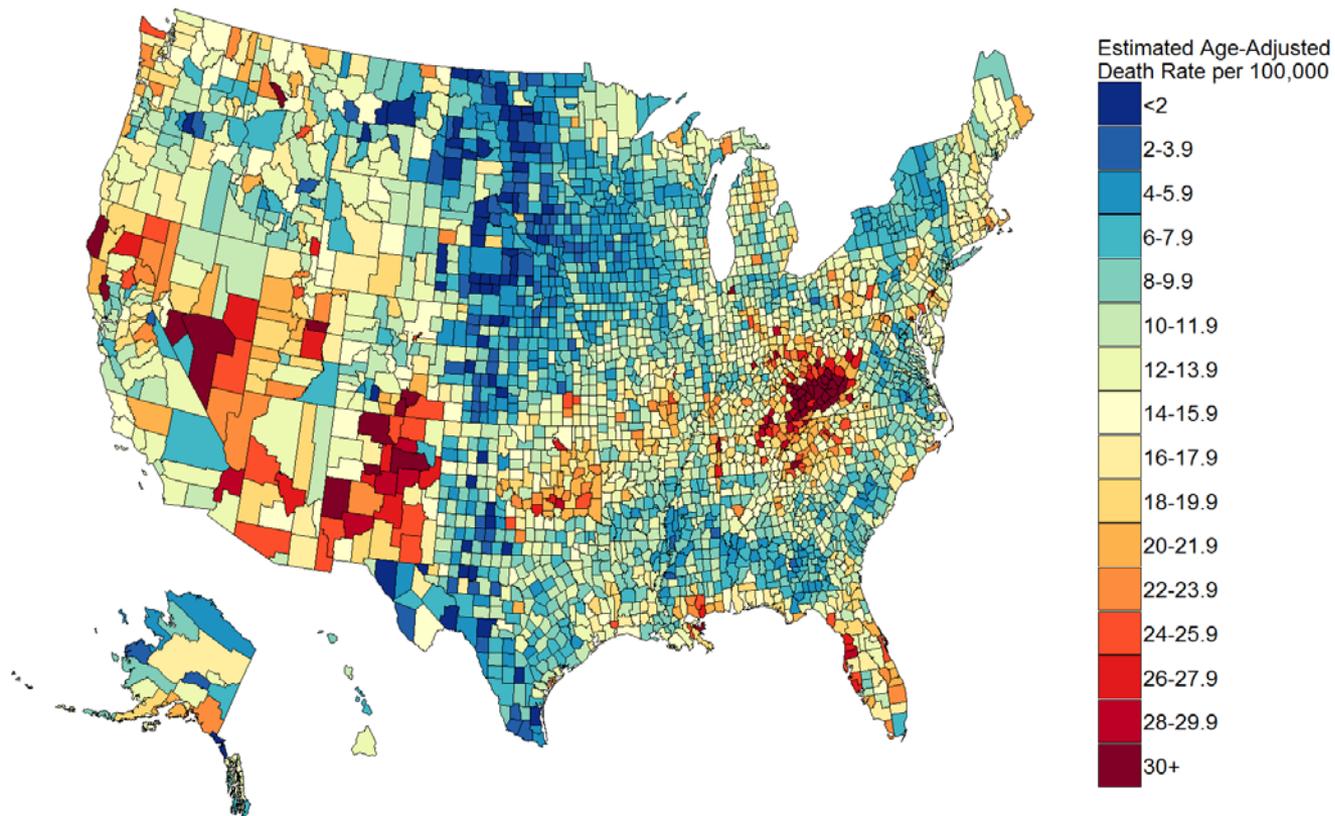
2011



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

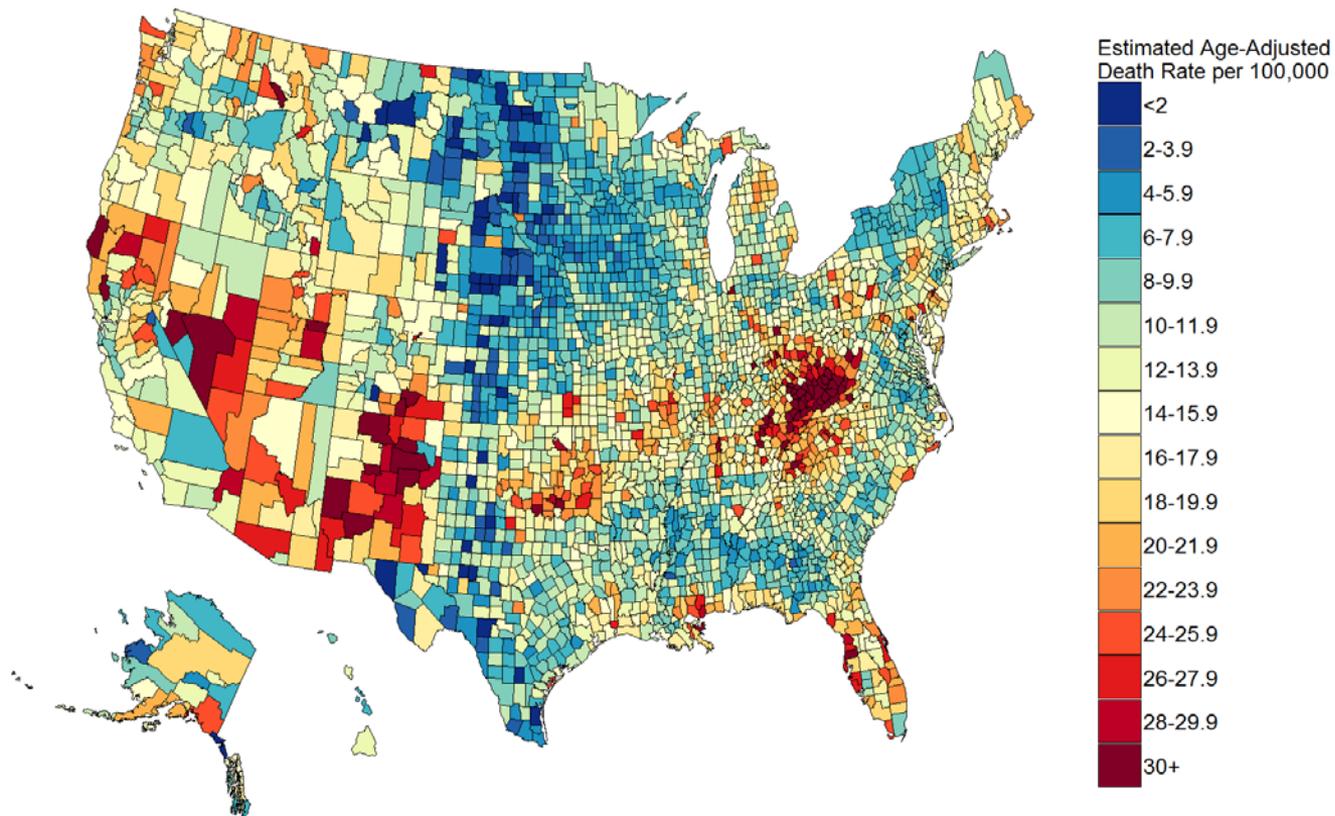
2012



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

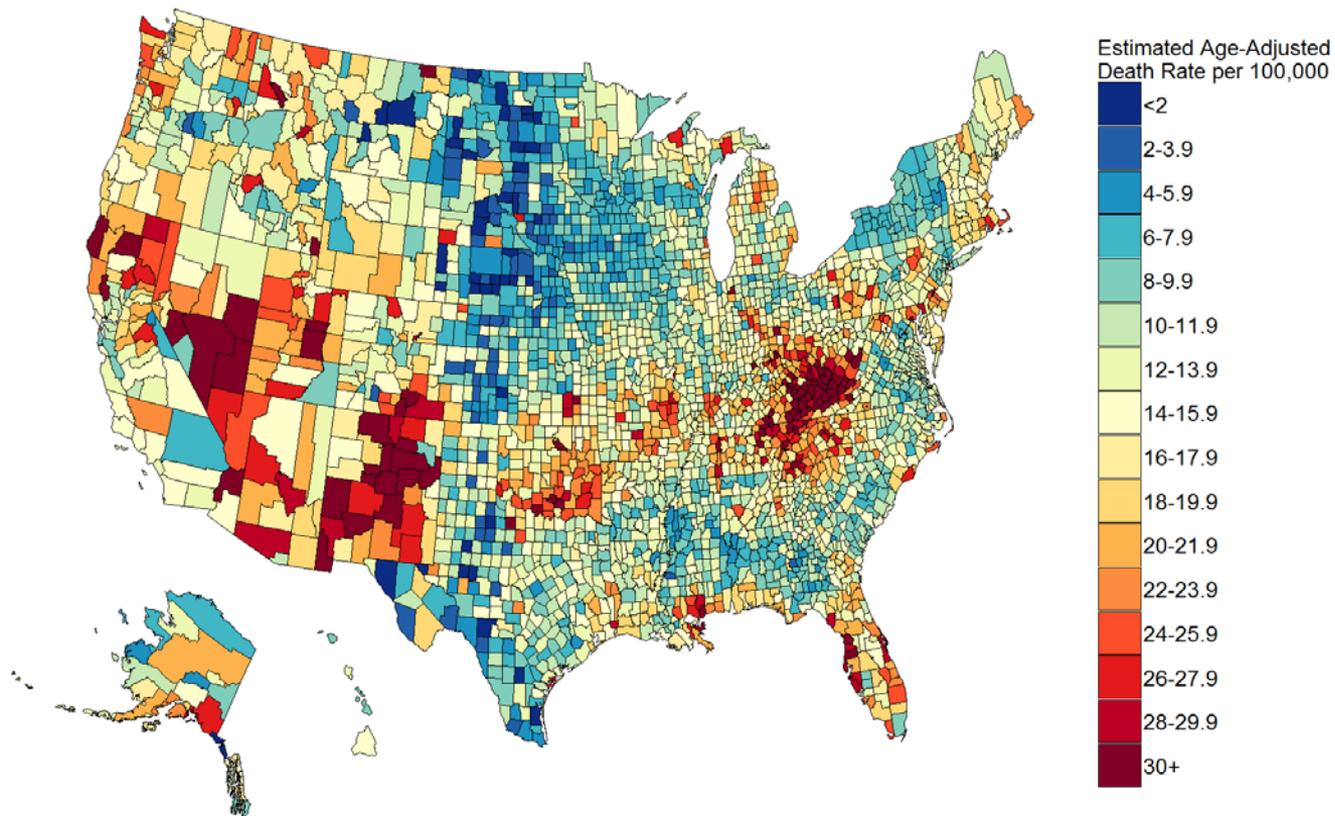
2013



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

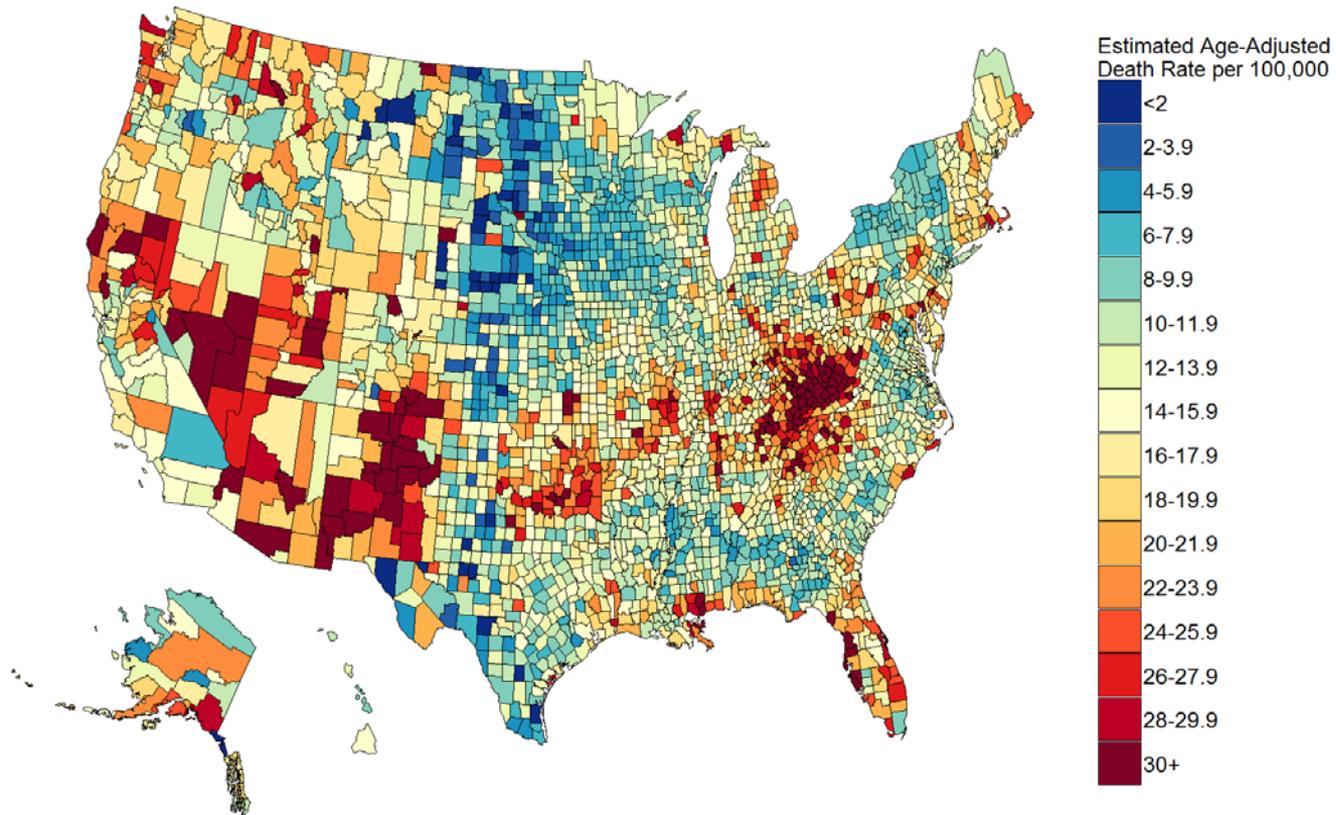
2014



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

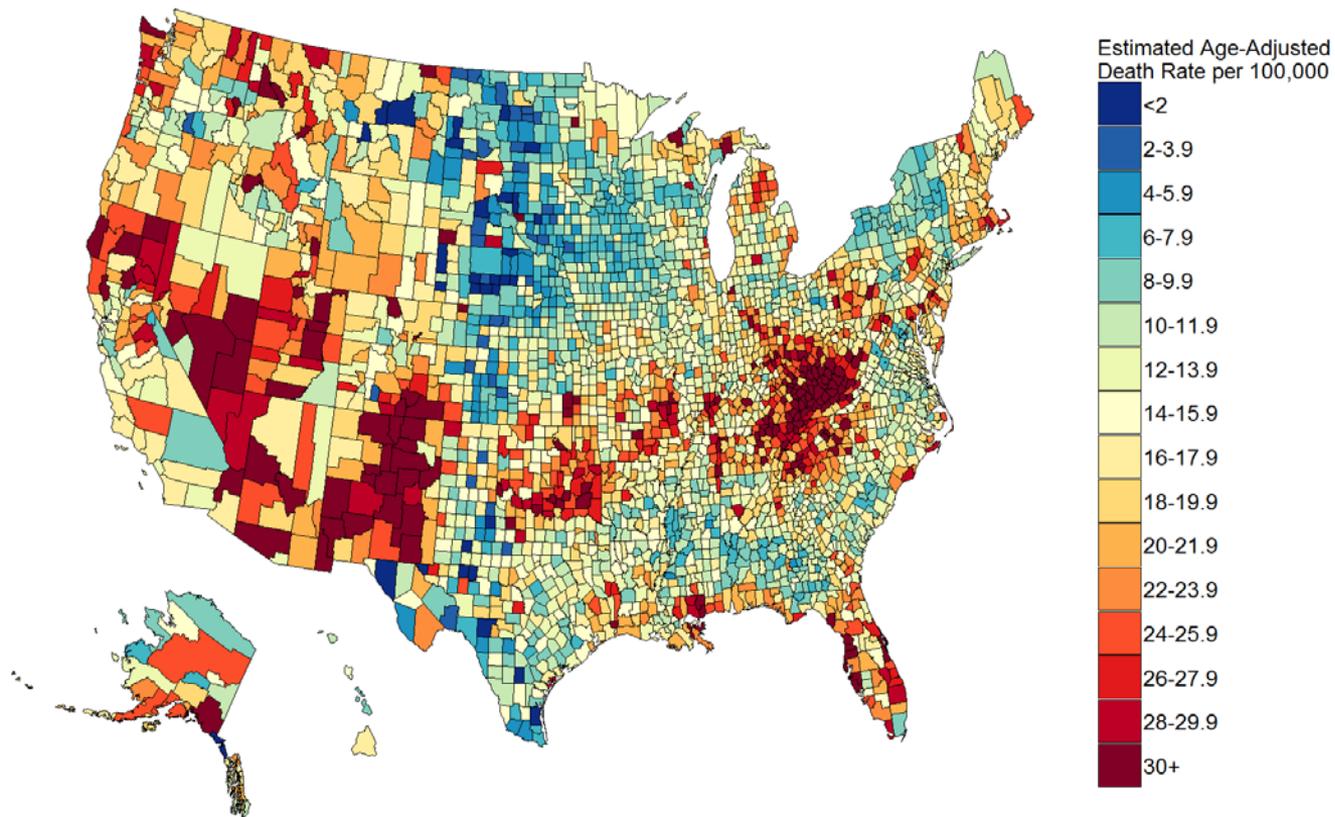
2015



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

2016



SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data (<http://www.cdc.gov/nchs/deaths.htm>).

SUGGESTED CITATION: Rossen LM, Bastian B, Warner M, Khan D, Chong Y. Drug poisoning mortality: United States, 1999–2016. National Center for Health Statistics. 2017. (Available from: <https://www.cdc.gov/nchs/data-visualization/drug-poisoning-mortality/>).

QUESTIONS?

- Do you know your state registrar and/or vital statistics director?
- Do they have active plan/strategy to improve the timeliness, quality, and usability of the birth, death and fetal death data?
- If they do not, demand that one be presented to you in the next 120 days.

Thank You!

Delton Atkinson, MPH, MPH, PMP
Director, Division of Vital Statistics
National Center for Health Statistics
Centers for Disease Control and Prevention
(919) 541-2863
dxa9@cdc.gov.