

The background of the slide is a grayscale photograph of a large, classical building with prominent columns and a wide set of stone steps leading down to a body of water. In the distance, the Washington Monument is visible against a clear sky. The text is overlaid on this image in a dark red color.

Emerging Drug Threats

New York

New York StateWide Senior Action Council

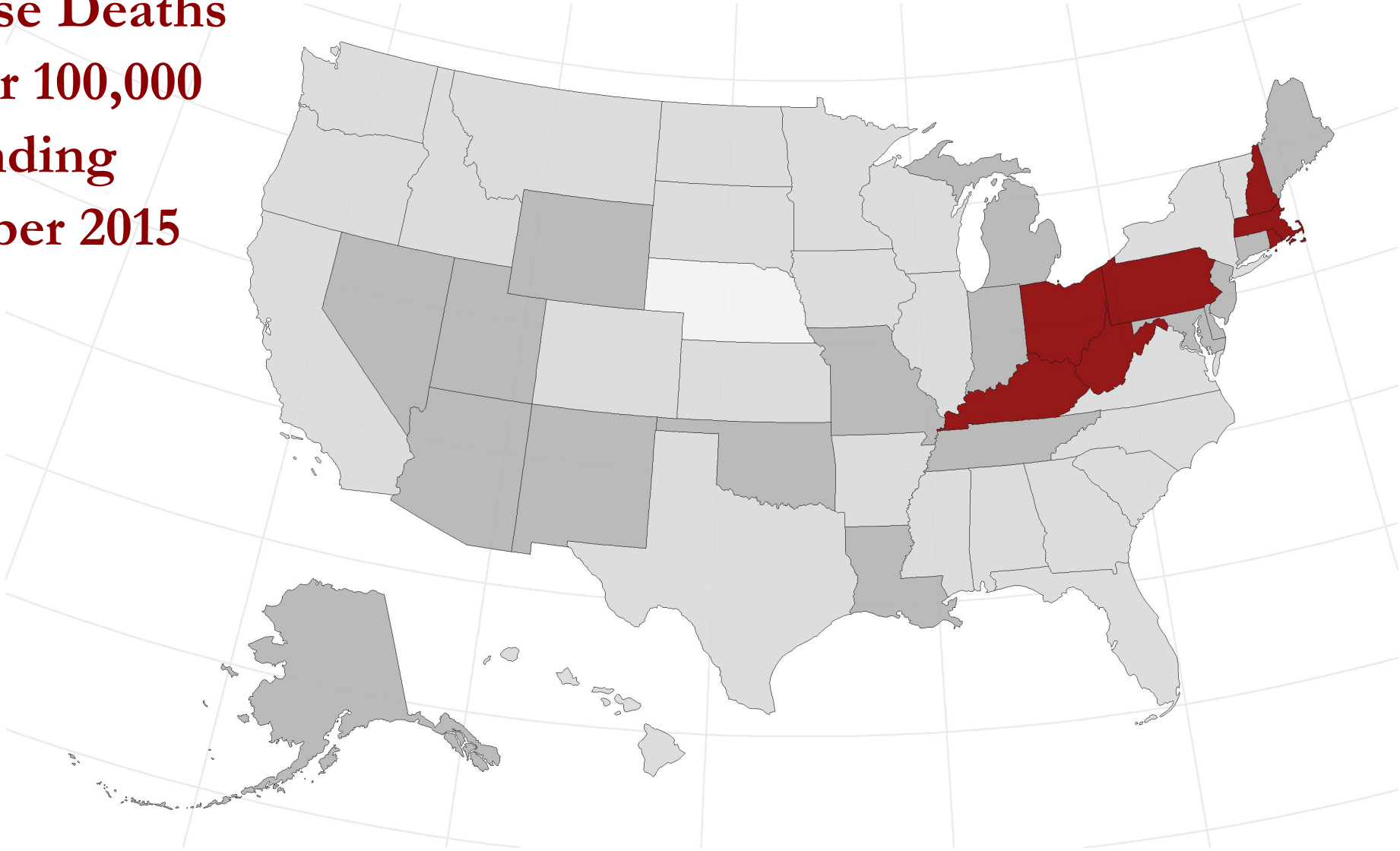
April 2023

Prepared by

The National Emerging Threats Initiative

John L. Eadie, Public Health and PDMP Project Coordinator

**Overdose Deaths
Rate per 100,000
Year Ending
December 2015**

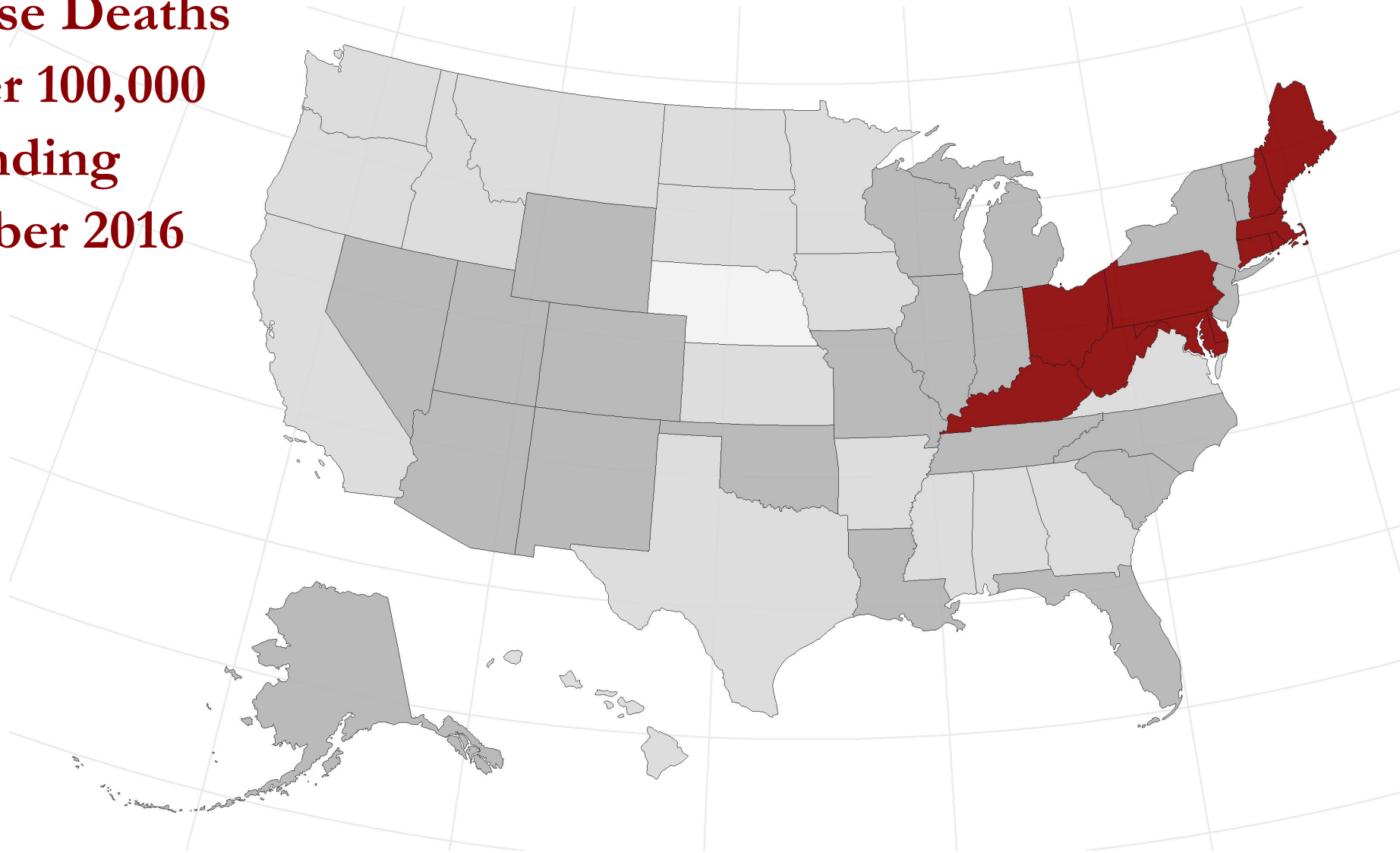


Rate [0,7] (7,16] (16,25] (25,100]



Centers for Disease Control and Prevention.
Provisional drug overdose death counts. 2021.
[https://www.cdc.gov/nchs/nvss/
vsrr/drug-overdose-data.htm](https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm)

Overdose Deaths Rate per 100,000 Year Ending December 2016

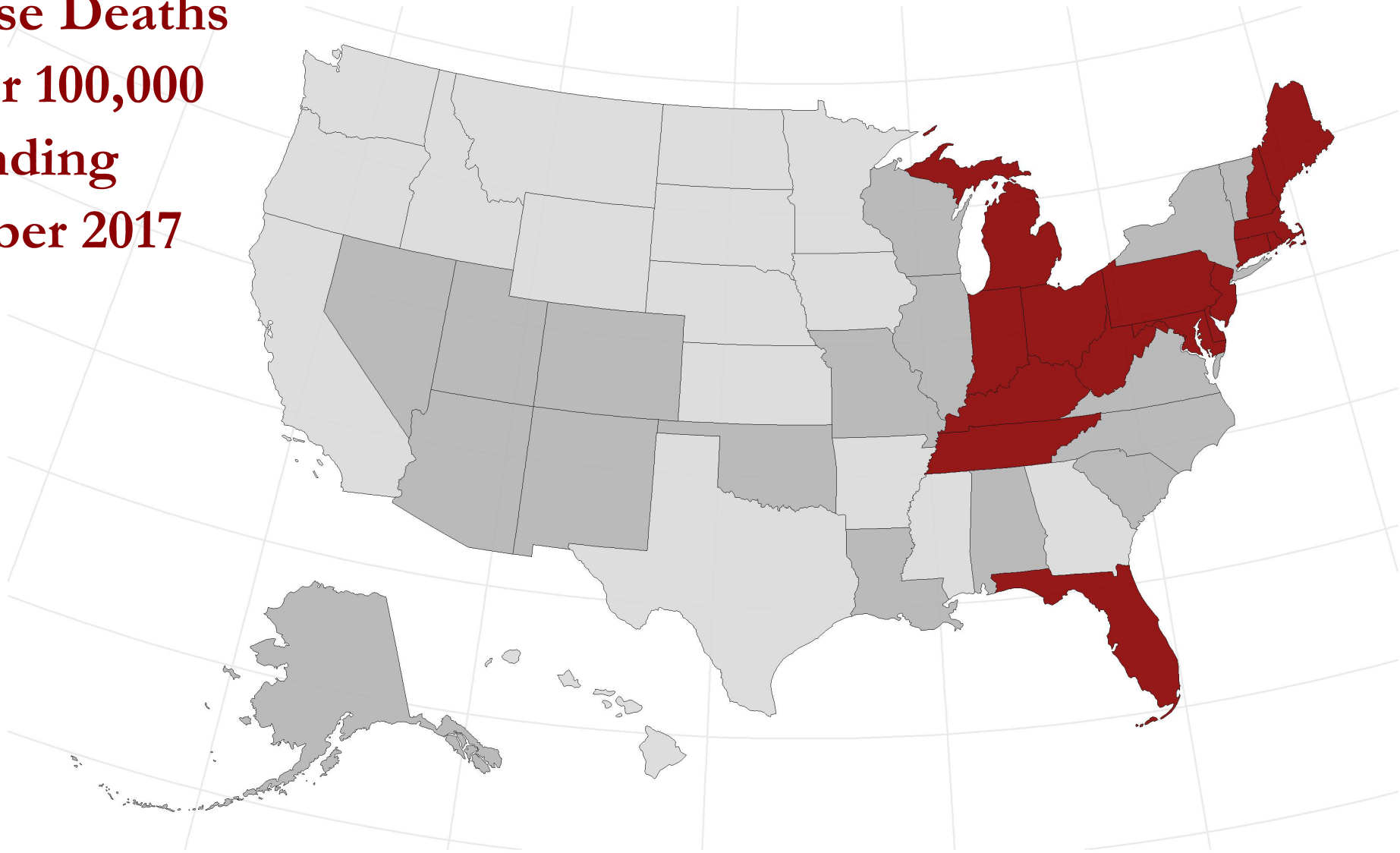


Rate [0,7] (7,16] (16,25] (25,100]



Centers for Disease Control and Prevention.
Provisional drug overdose death counts. 2021.
[https://www.cdc.gov/nchs/nvss/
vsrr/drug-overdose-data.htm](https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm)

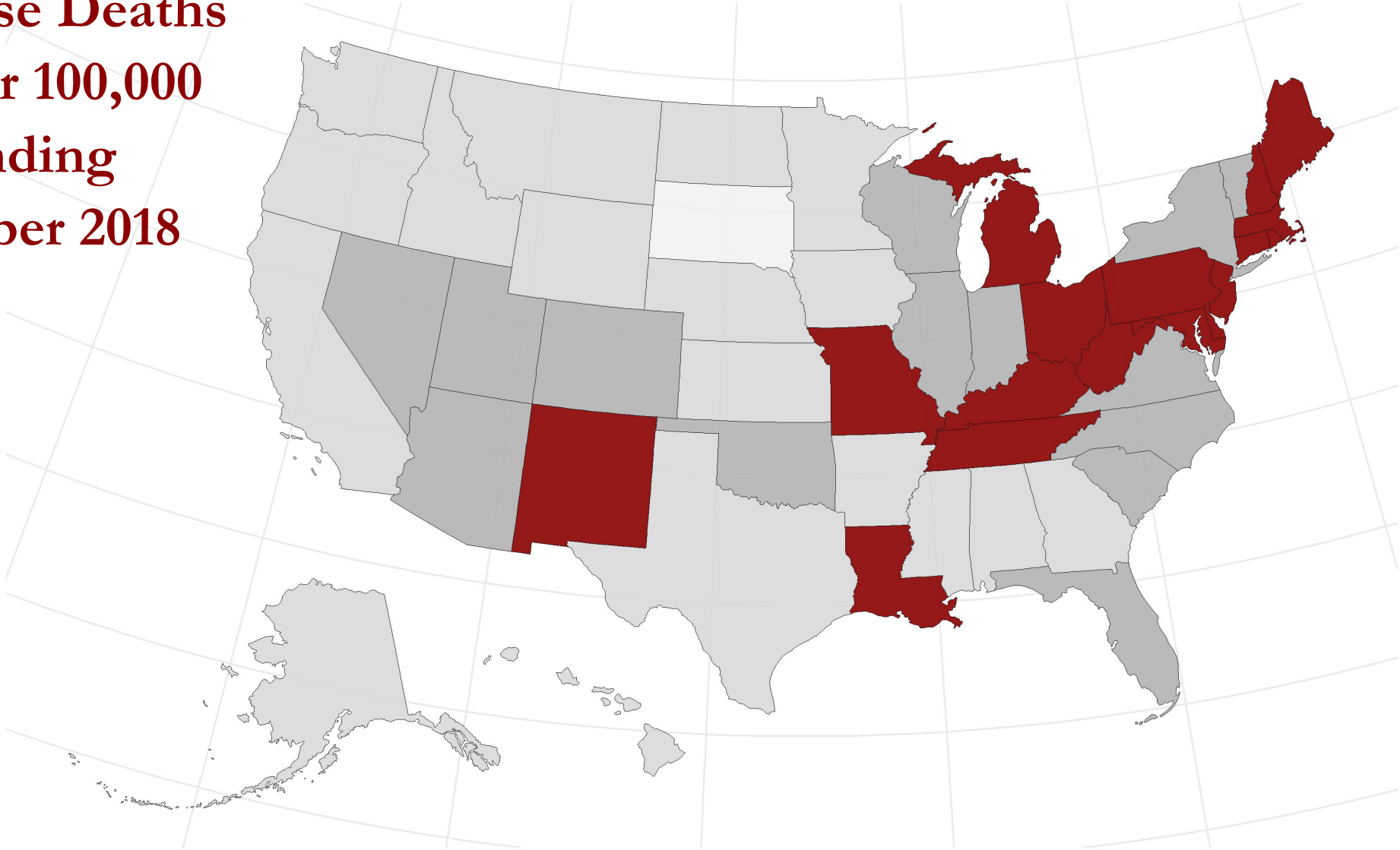
Overdose Deaths Rate per 100,000 Year Ending December 2017



Rate [0,7] (7,16] (16,25] (25,100]

Centers for Disease Control and Prevention.
Provisional drug overdose death counts. 2021.
[https://www.cdc.gov/nchs/nvss/
vsrr/drug-overdose-data.htm](https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm)

**Overdose Deaths
Rate per 100,000
Year Ending
December 2018**

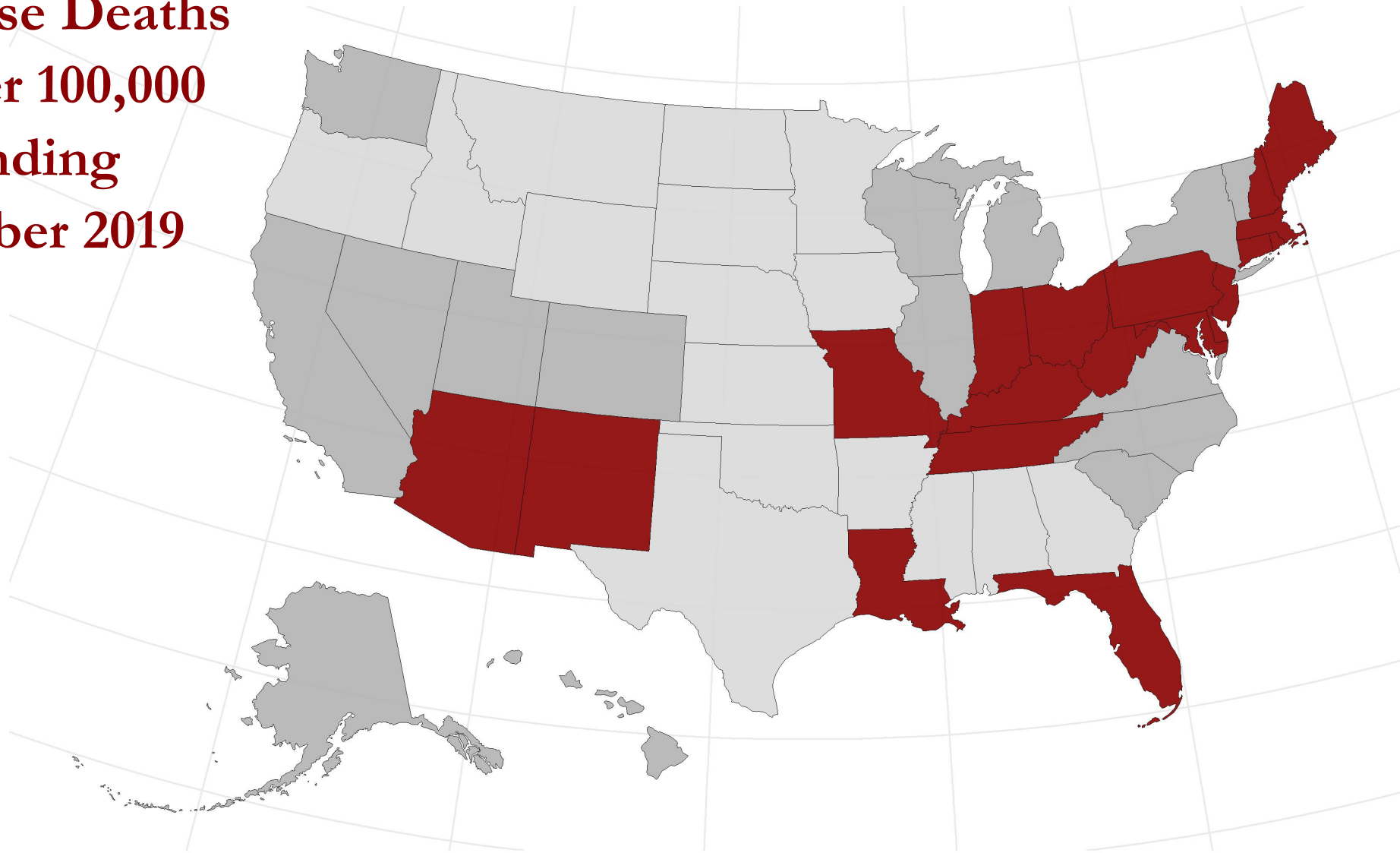


Rate [0,7] (7,16] (16,25] (25,100]



Centers for Disease Control and Prevention.
Provisional drug overdose death counts. 2021.
<https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>

Overdose Deaths Rate per 100,000 Year Ending December 2019

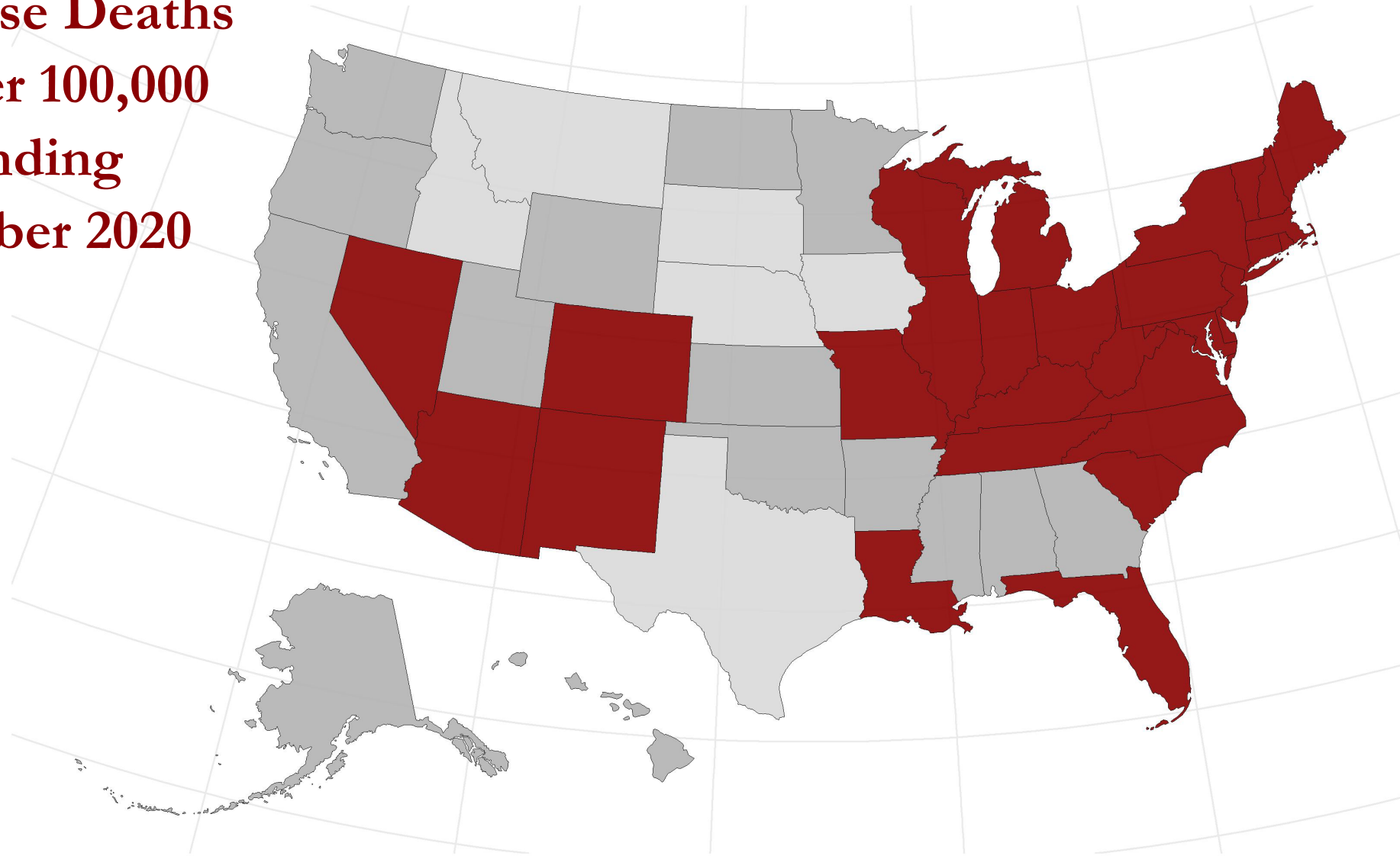


Rate [0,7] (7,16] (16,25] (25,100]



Centers for Disease Control and Prevention.
Provisional drug overdose death counts. 2021.
[https://www.cdc.gov/nchs/nvss/
vsrr/drug-overdose-data.htm](https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm)

Overdose Deaths Rate per 100,000 Year Ending December 2020

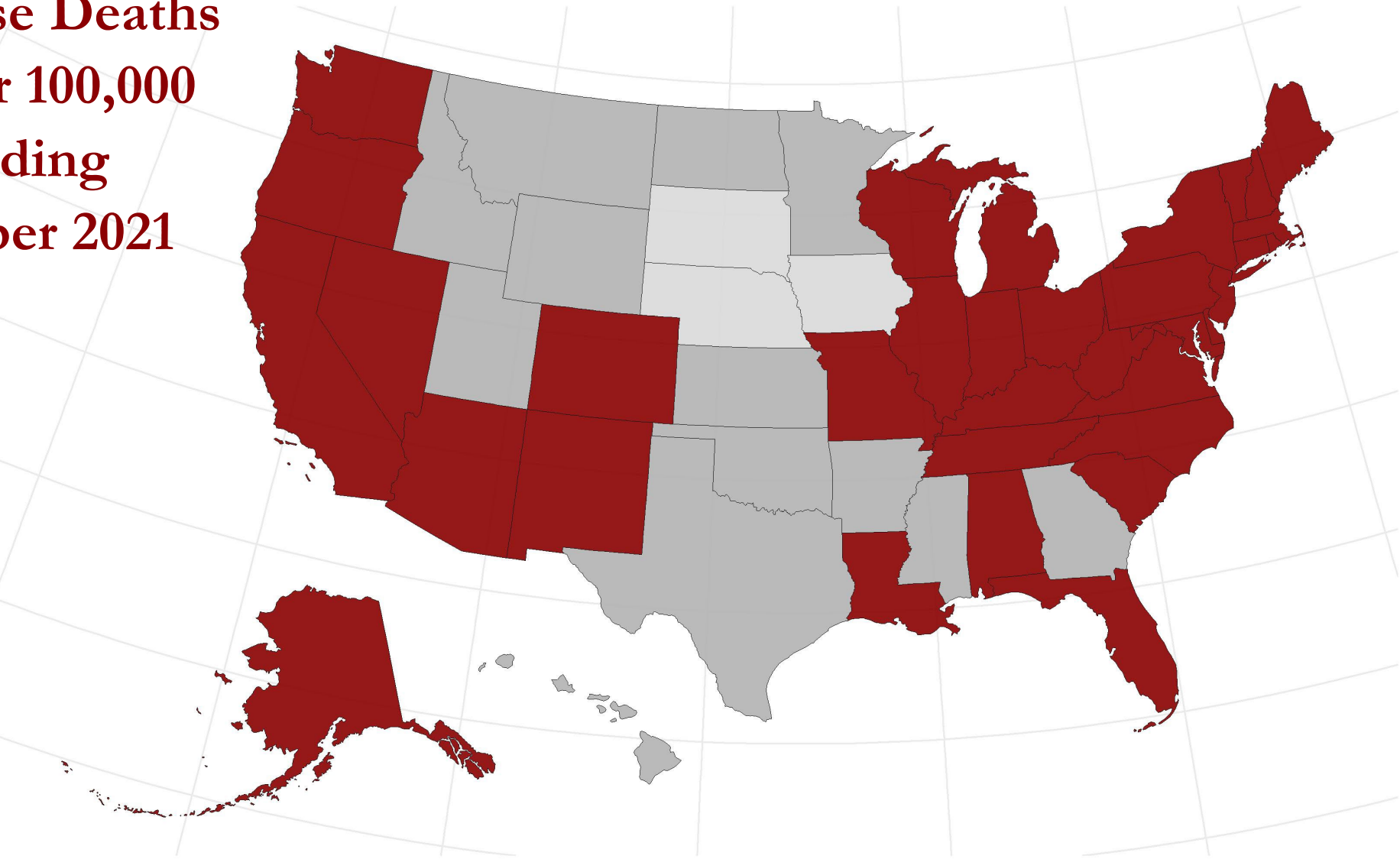


Rate [0,7] (7,16] (16,25] (25,100]



Centers for Disease Control and Prevention.
Provisional drug overdose death counts. 2021.
[https://www.cdc.gov/nchs/nvss/
vsrr/drug-overdose-data.htm](https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm)

**Overdose Deaths
Rate per 100,000
Year Ending
December 2021**



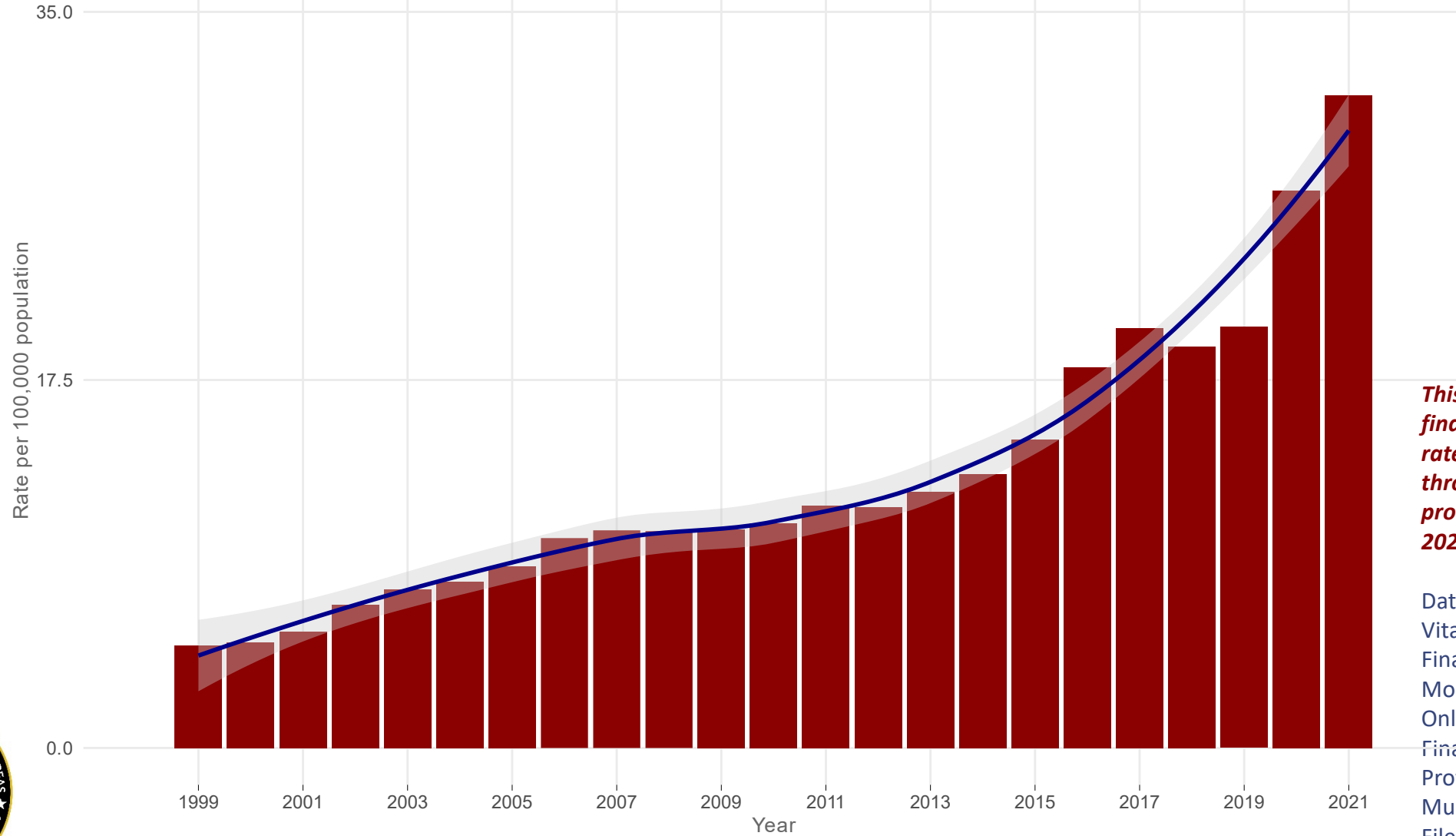
Rate [0,7] [7,16] [16,25] [25,100]



Centers for Disease Control and Prevention.
Provisional drug overdose death counts. 2021.
[https://www.cdc.gov/nchs/nvss/
vsrr/drug-overdose-data.htm](https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm)

Total U.S. Overdose Death Rate per 100,000

1999 - 2021



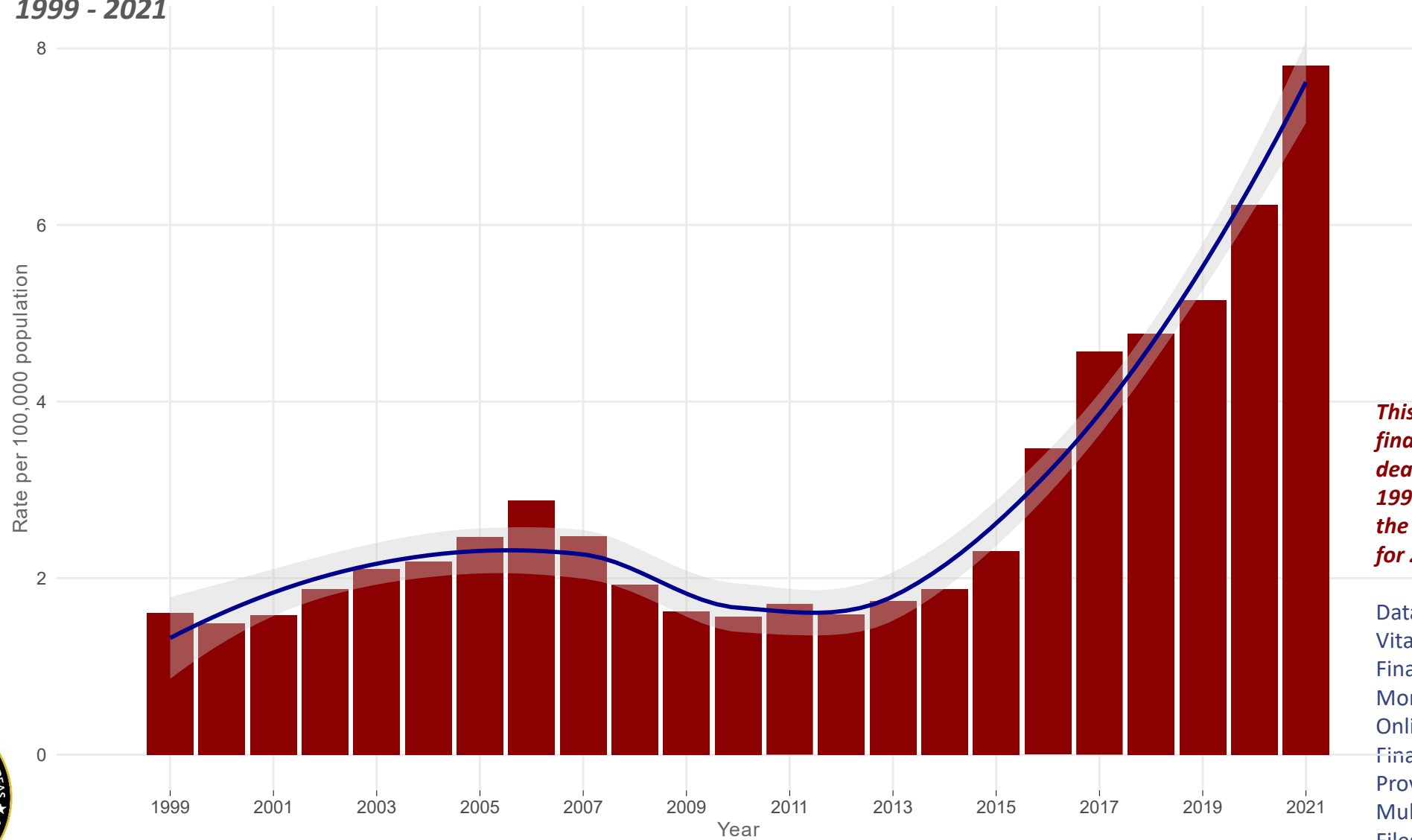
This figure represents the final drug overdose death rate for the years 1999 through 2020 and the provisional death rate for 2021.

Data sources: National Vital Statistics System, Final and Provisional Mortality on CDC WONDER Online Database. From the Final (1999 – 2020) and Provisional (2018-2021) Multiple Cause of Death Files.



U.S. Cocaine Overdose Death Rate per 100,000

1999 - 2021



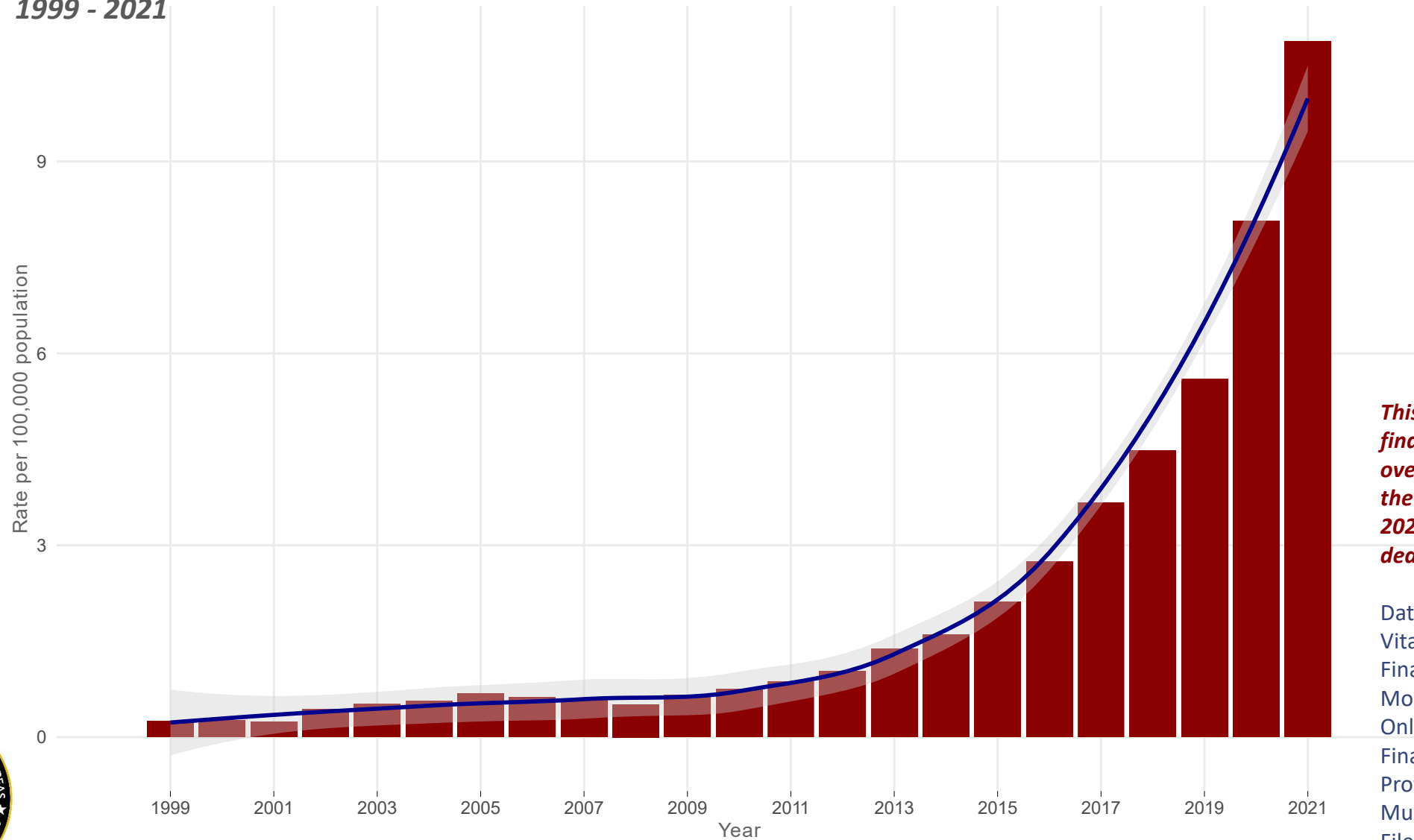
This figure represents the final cocaine overdose death rate for the years 1999 through 2020 and the provisional death rate for 2021.

Data sources: National Vital Statistics System, Final and Provisional Mortality on CDC WONDER Online Database. From the Final (1999 – 2020) and Provisional (2018-2021) Multiple Cause of Death Files.



U.S. Psychostimulant Overdose Death Rate per 100,000

1999 - 2021



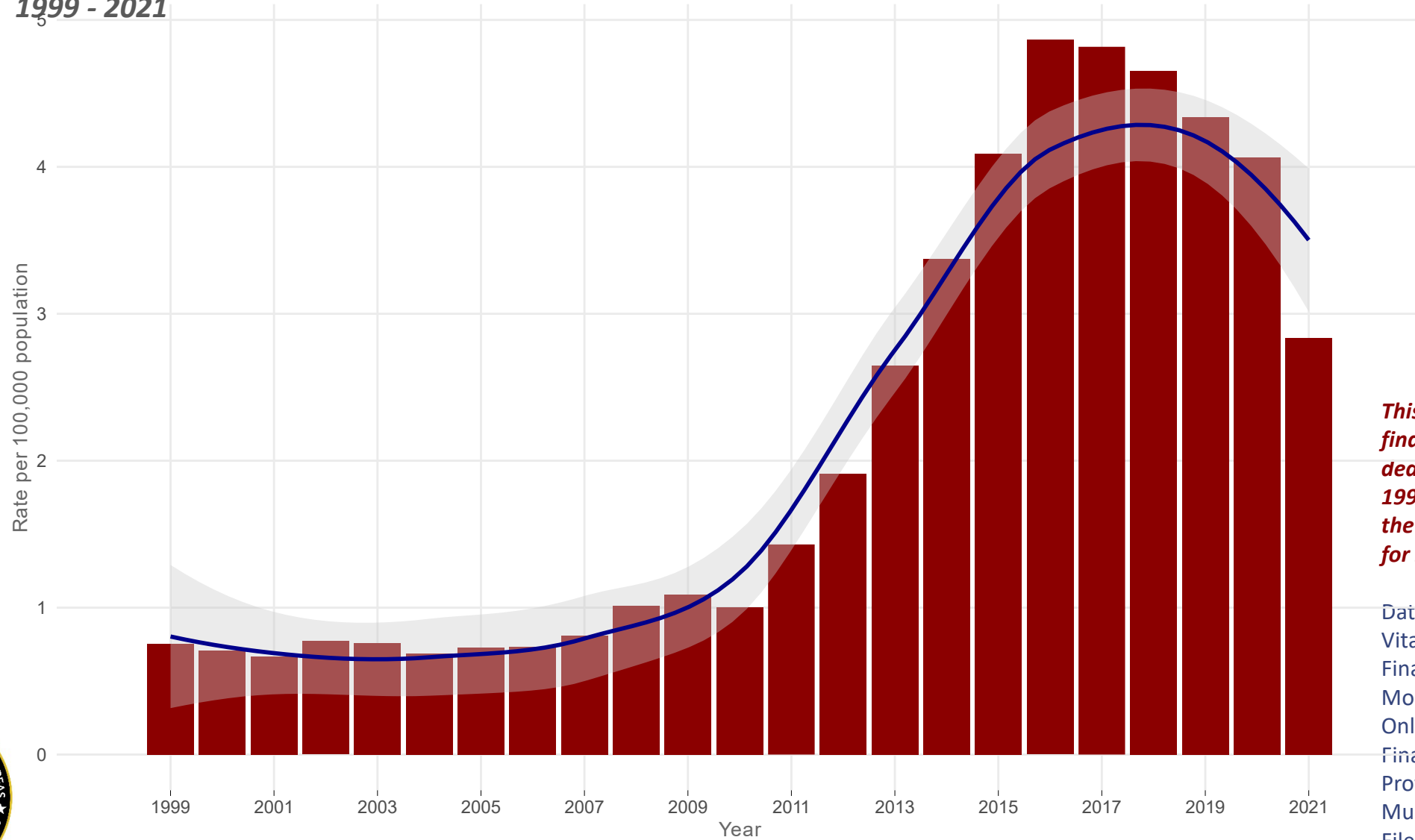
This figure represents the final psychostimulant overdose death rate for the years 1999 through 2020 and the provisional death rate for 2021.

Data sources: National Vital Statistics System, Final and Provisional Mortality on CDC WONDER Online Database. From the Final (1999 – 2020) and Provisional (2018-2021) Multiple Cause of Death Files.



U.S. Heroin Overdose Death Rate per 100,000

1999 - 2021



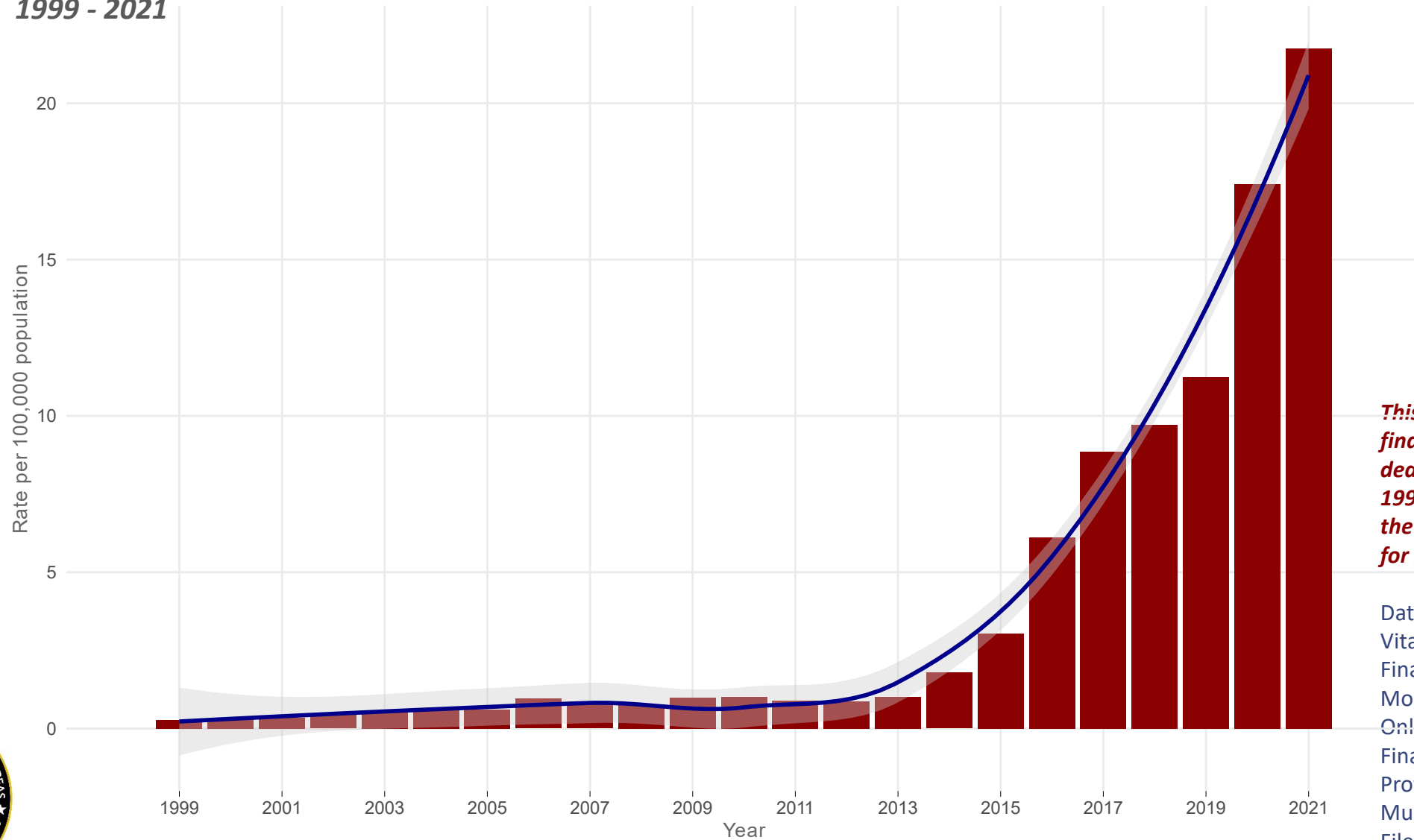
This figure represents the final heroin overdose death rate for the years 1999 through 2020 and the provisional death rate for 2021.

Data sources: National Vital Statistics System, Final and Provisional Mortality on CDC WONDER Online Database. From the Final (1999 – 2020) and Provisional (2018-2021) Multiple Cause of Death Files.



U.S. Fentanyl Overdose Death Rate per 100,000

1999 - 2021



This figure represents the final fentanyl overdose death rate for the years 1999 through 2020 and the provisional death rate for 2021.

Data sources: National Vital Statistics System, Final and Provisional Mortality on CDC WONDER Online Database. From the Final (1999 – 2020) and Provisional (2018-2021) Multiple Cause of Death Files.



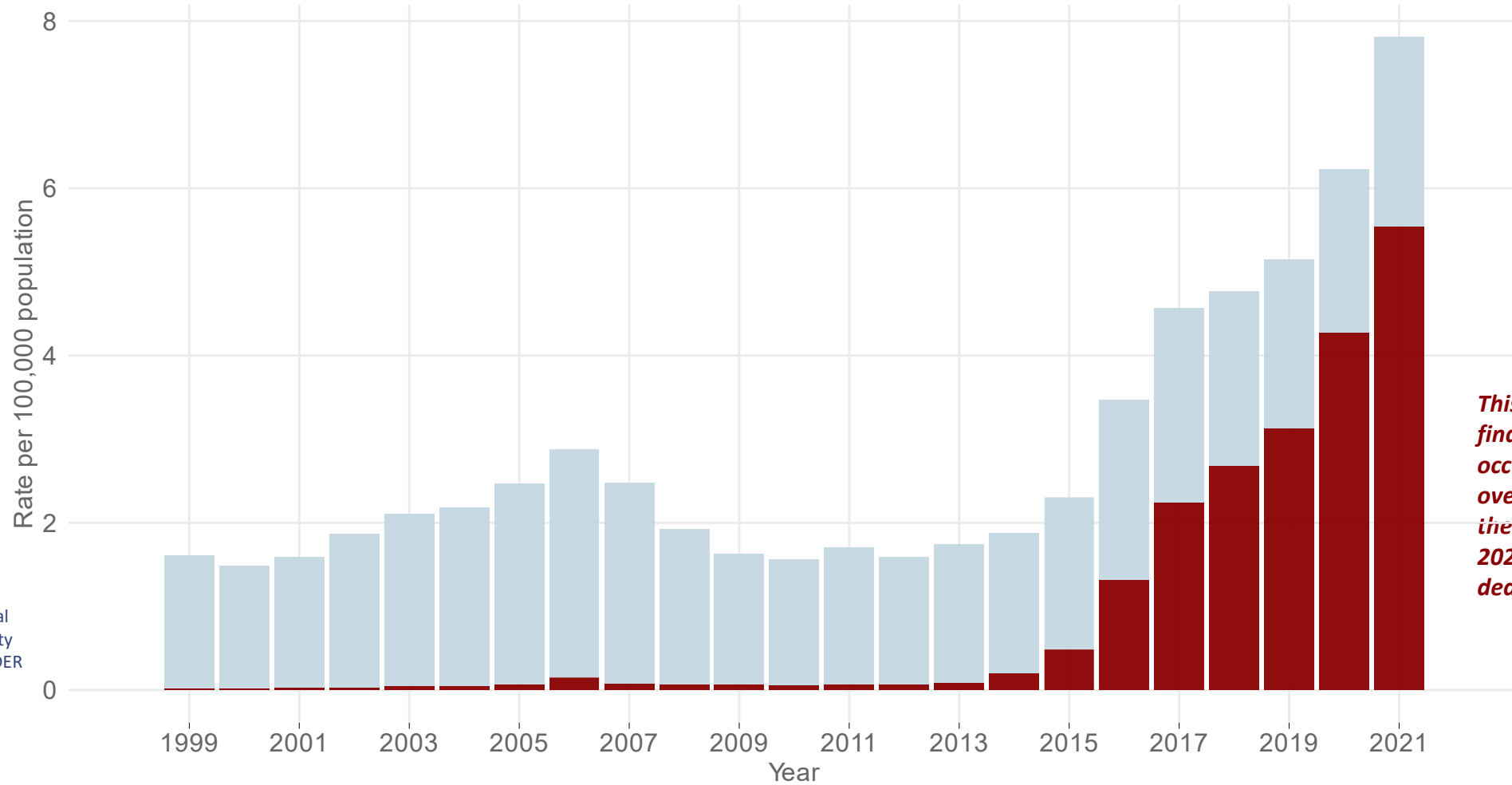


Fentanyl Involvement With Other Drugs

**To what extent is Fentanyl involved with
other Apex Drugs in Overdose Deaths?**

Cocaine Overdose Deaths Co-occurring with Fentanyl by Year

1999 - 2021



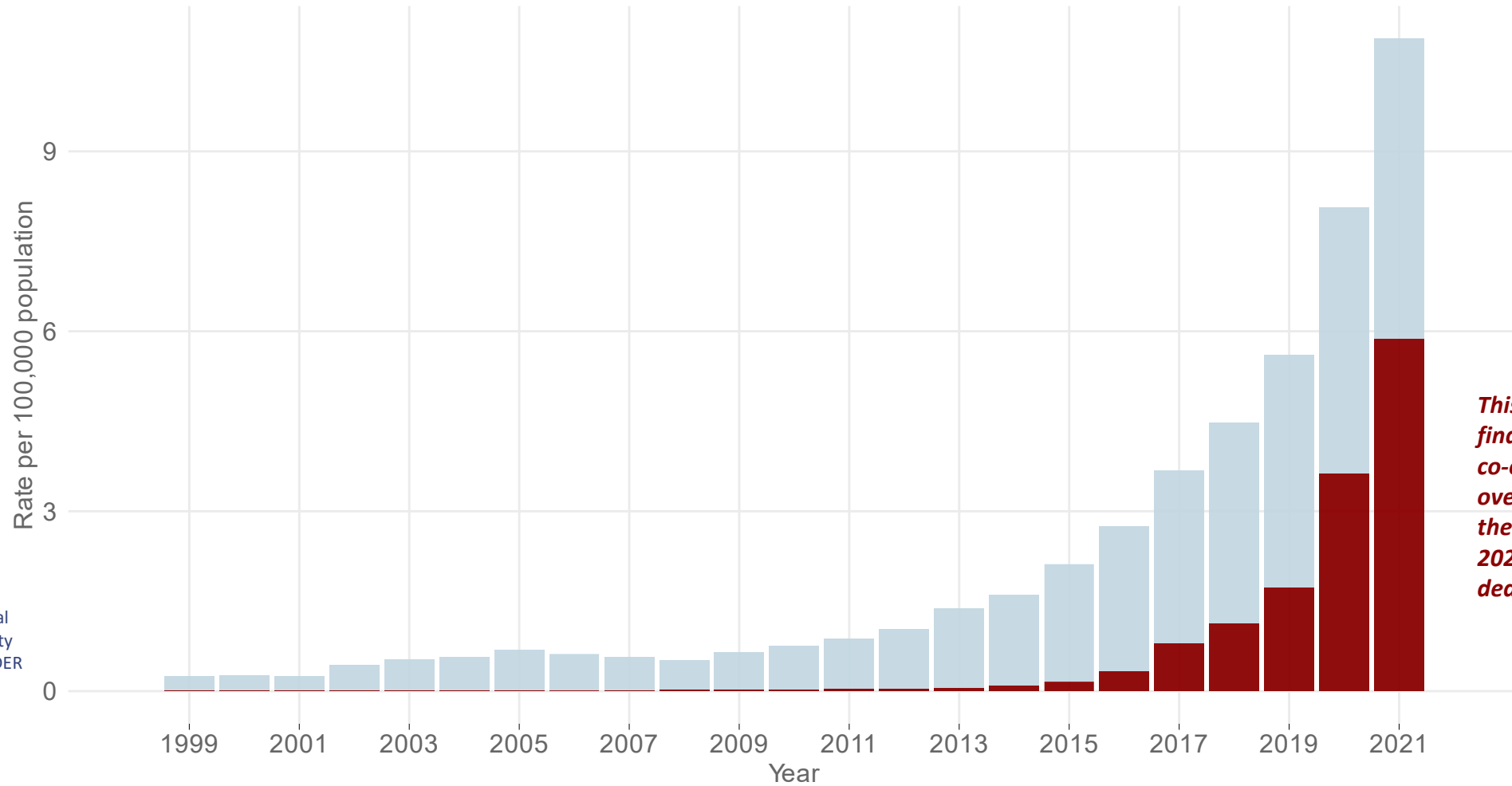
Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Cocaine Cocaine with Fentanyl

Psychostimulant Overdose Deaths Co-occurring with Fentanyl by Year

1999 - 2021



This figure represents the final psychostimulant and co-occurring with fentanyl overdose death rates for the years 1999 through 2020 and the provisional death rate for 2021.

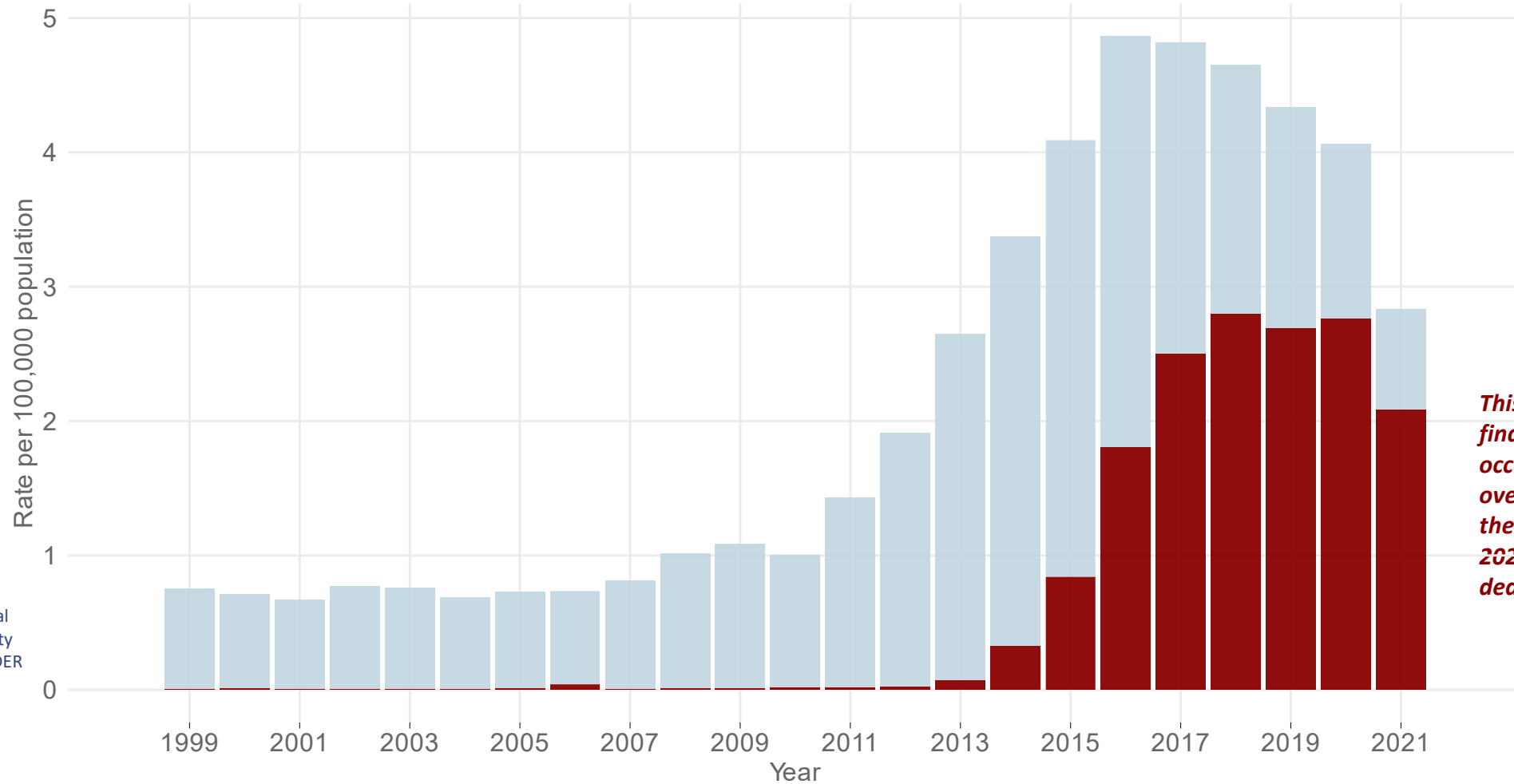
Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Stimulants Stimulants with Fentanyl

Heroin Overdose Deaths Co-occurring with Fentanyl by Year

1999 - 2021



This figure represents the final heroin and co-occurring with fentanyl overdose death rates for the years 1999 through 2020 and the provisional death rate for 2021.

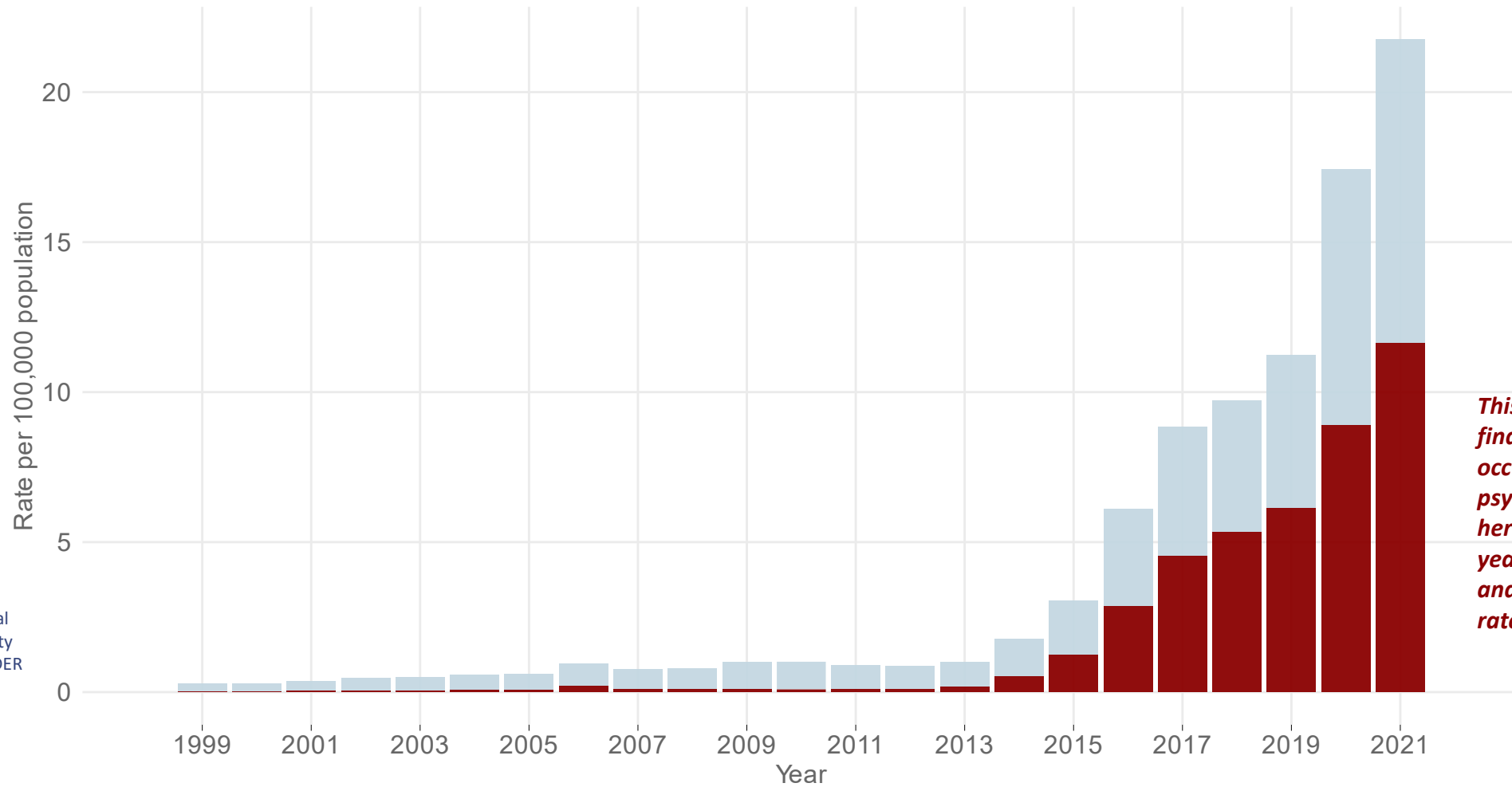
Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Heroin Heroin with Fentanyl

Fentanyl Overdose Deaths Co-occurring with Cocaine, Psychostimulants, or Heroin by Year

1999 - 2021



This figure represents the final fentanyl and co-occurring with cocaine, psychostimulant, and heroin death rates for the years 1999 through 2020 and the provisional death rate for 2021.

Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



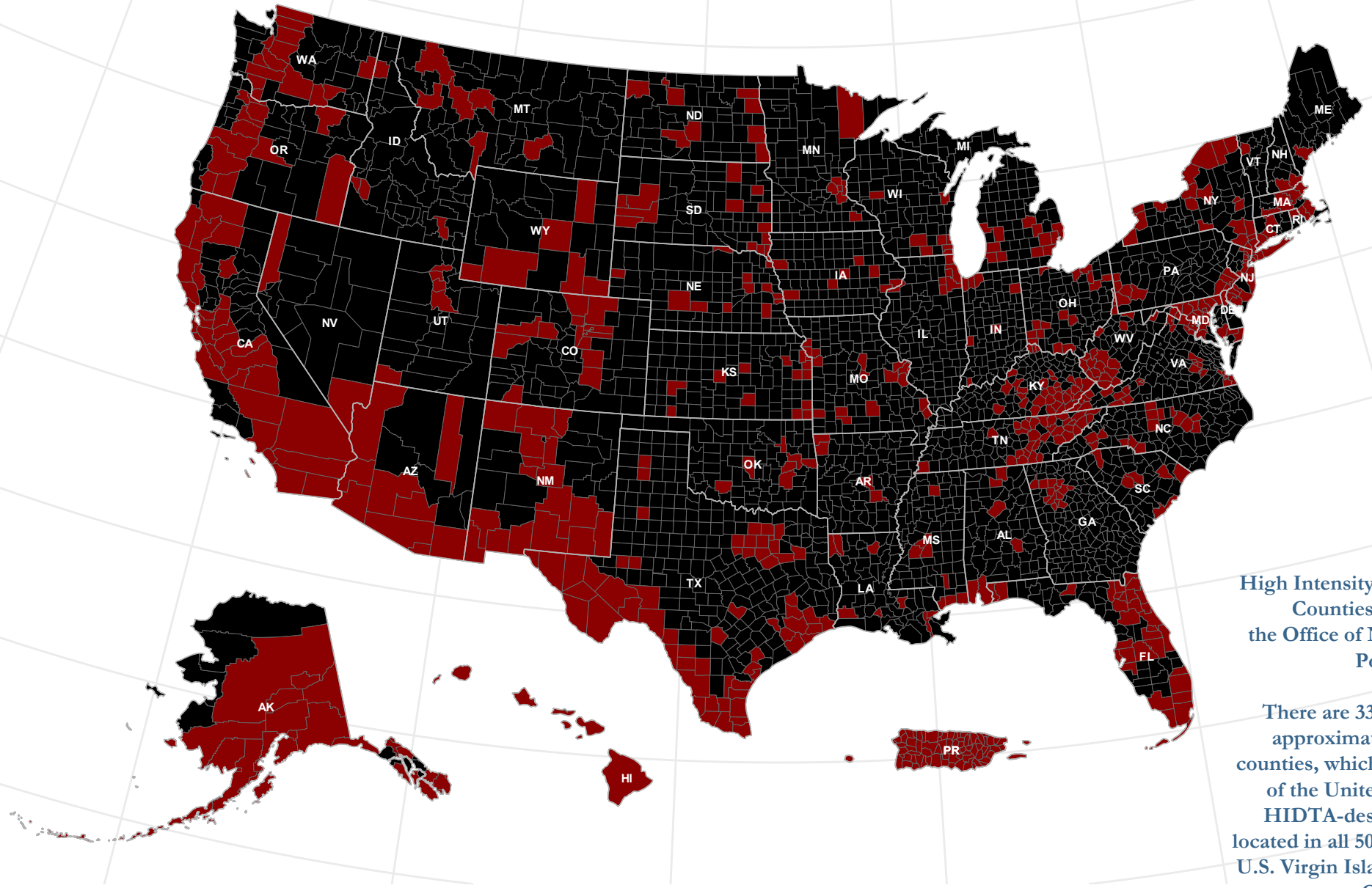
■ Fentanyl ■ Fentanyl W/ Cocaine, Stims, Heroin



HIDTA Seizure Data

What are the current drug seizure trends?

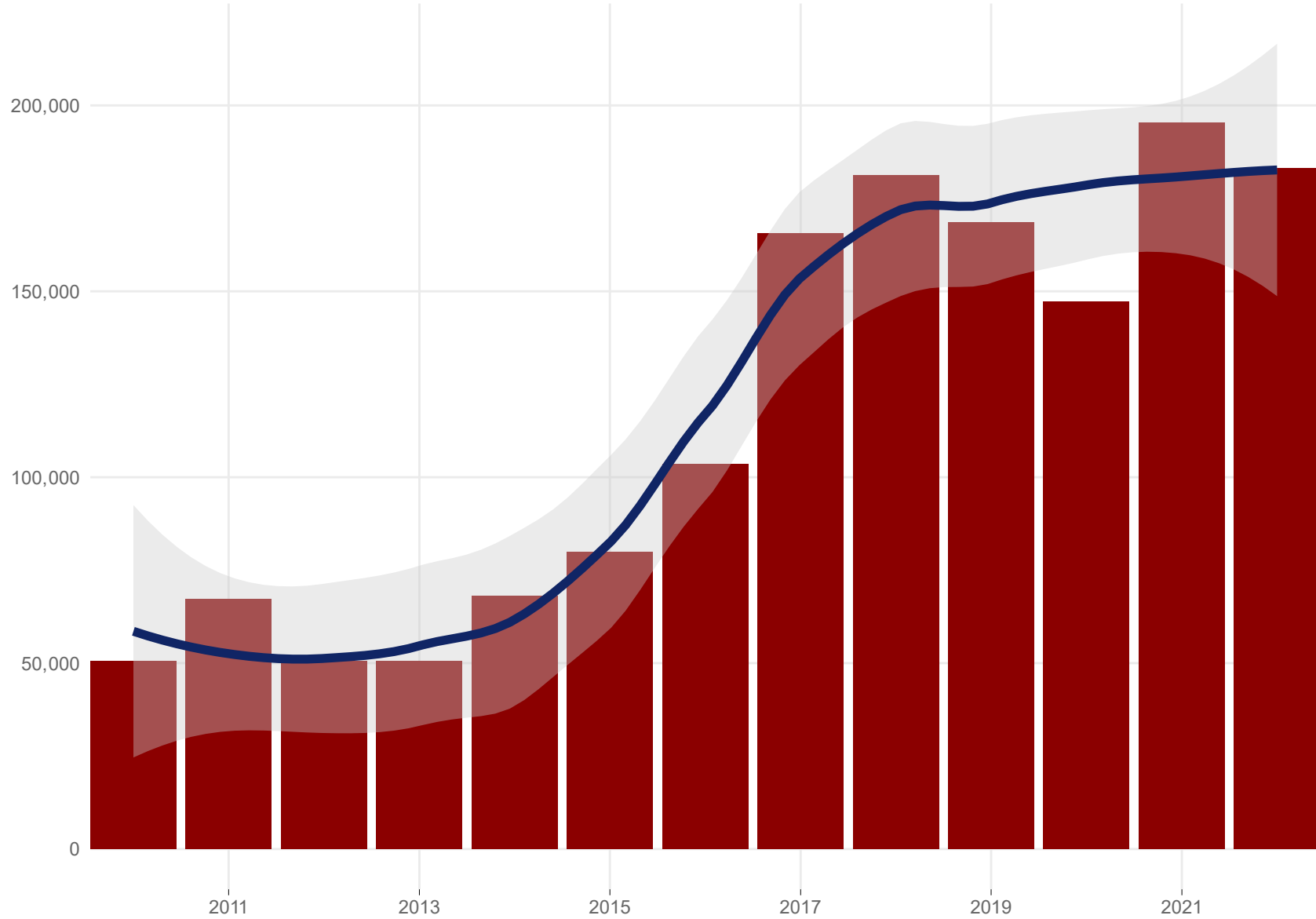
Location of High Intensity Drug Trafficking Task Forces



High Intensity Drug Trafficking Area
Counties as designated by
the Office of National Drug Control
Policy, 2022.

There are 33 HIDTAs, including
approximately 22 percent of all
counties, which account for 73 percent
of the United States population.
HIDTA-designated counties are
located in all 50 states, Puerto Rico,
the U.S. Virgin Islands, and the
District of Columbia.

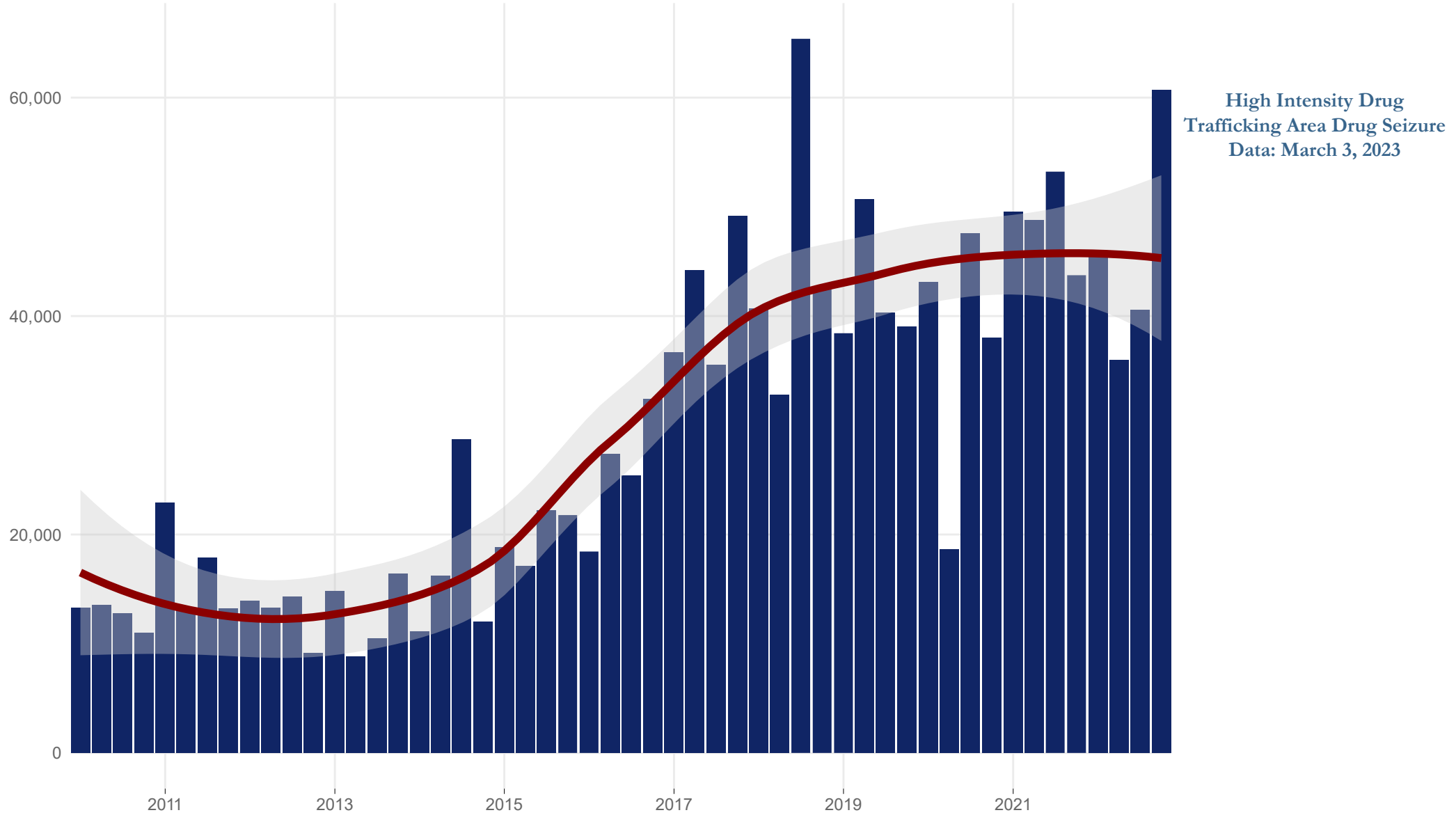
Cocaine Seizures by Year in Kilograms 2010 - 2022



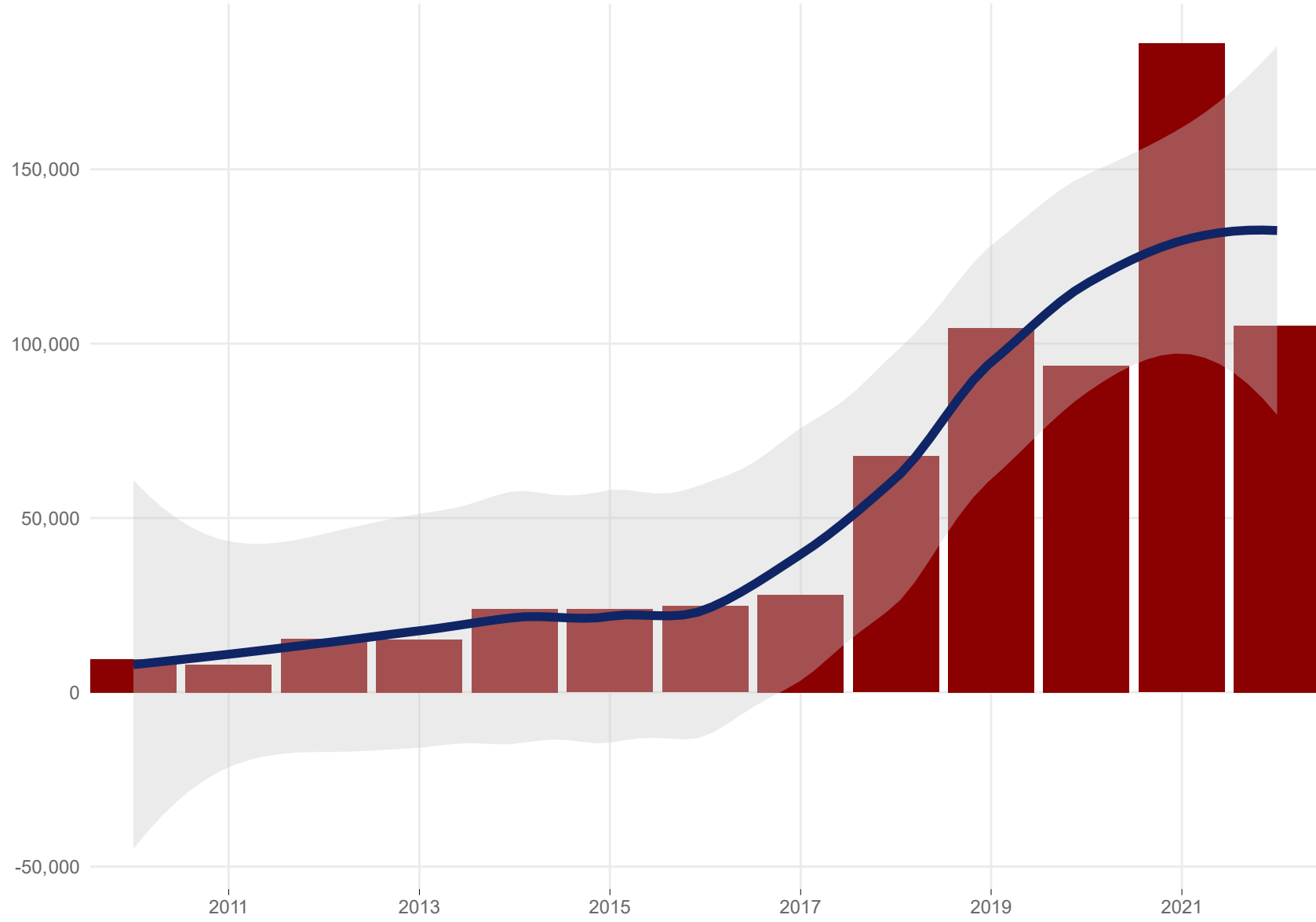
High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



Cocaine Seizures by Quarter in Kilograms 2010 - 2022



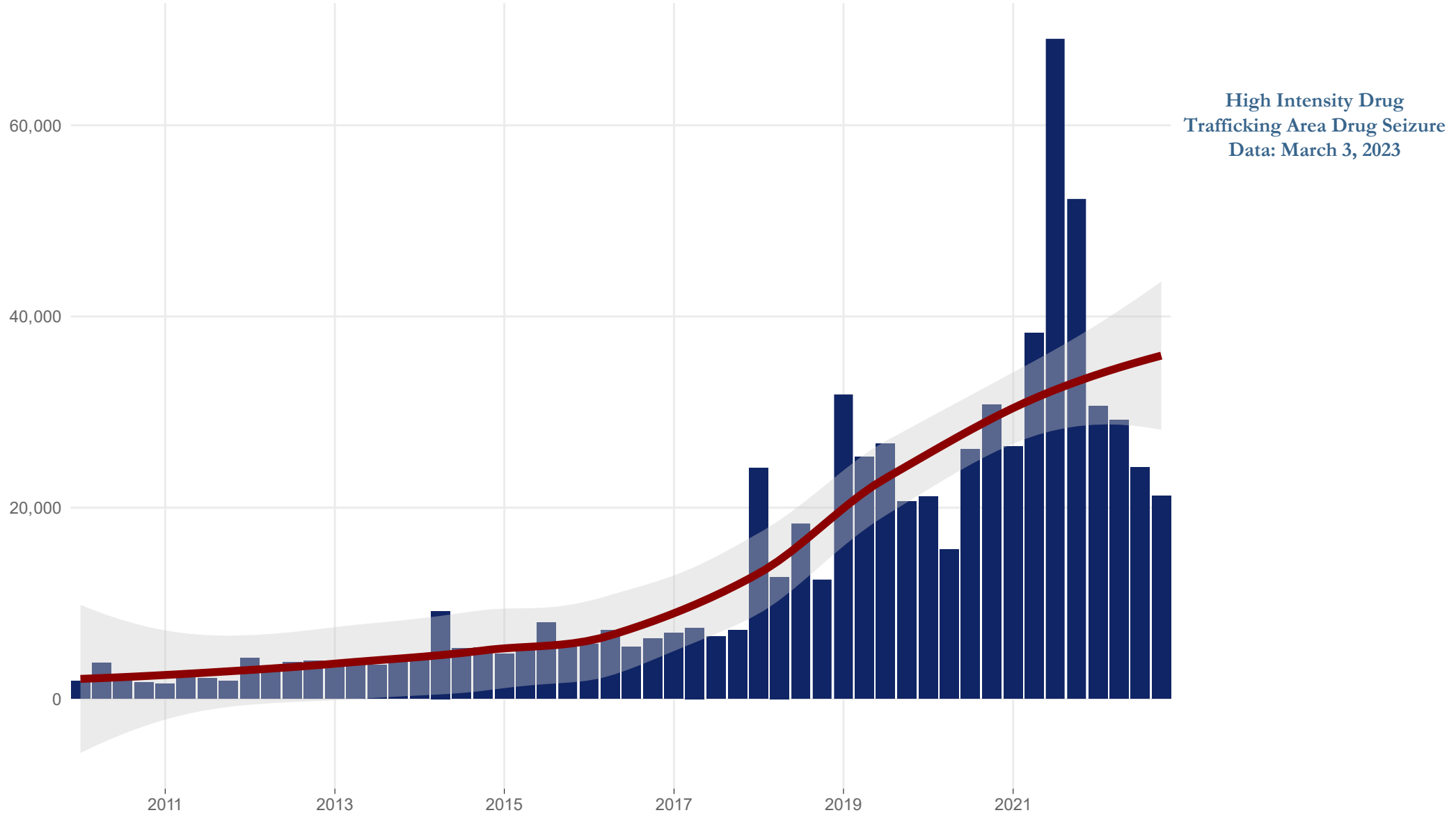
Methamphetamine Seizures by Year in Kilograms 2010 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023

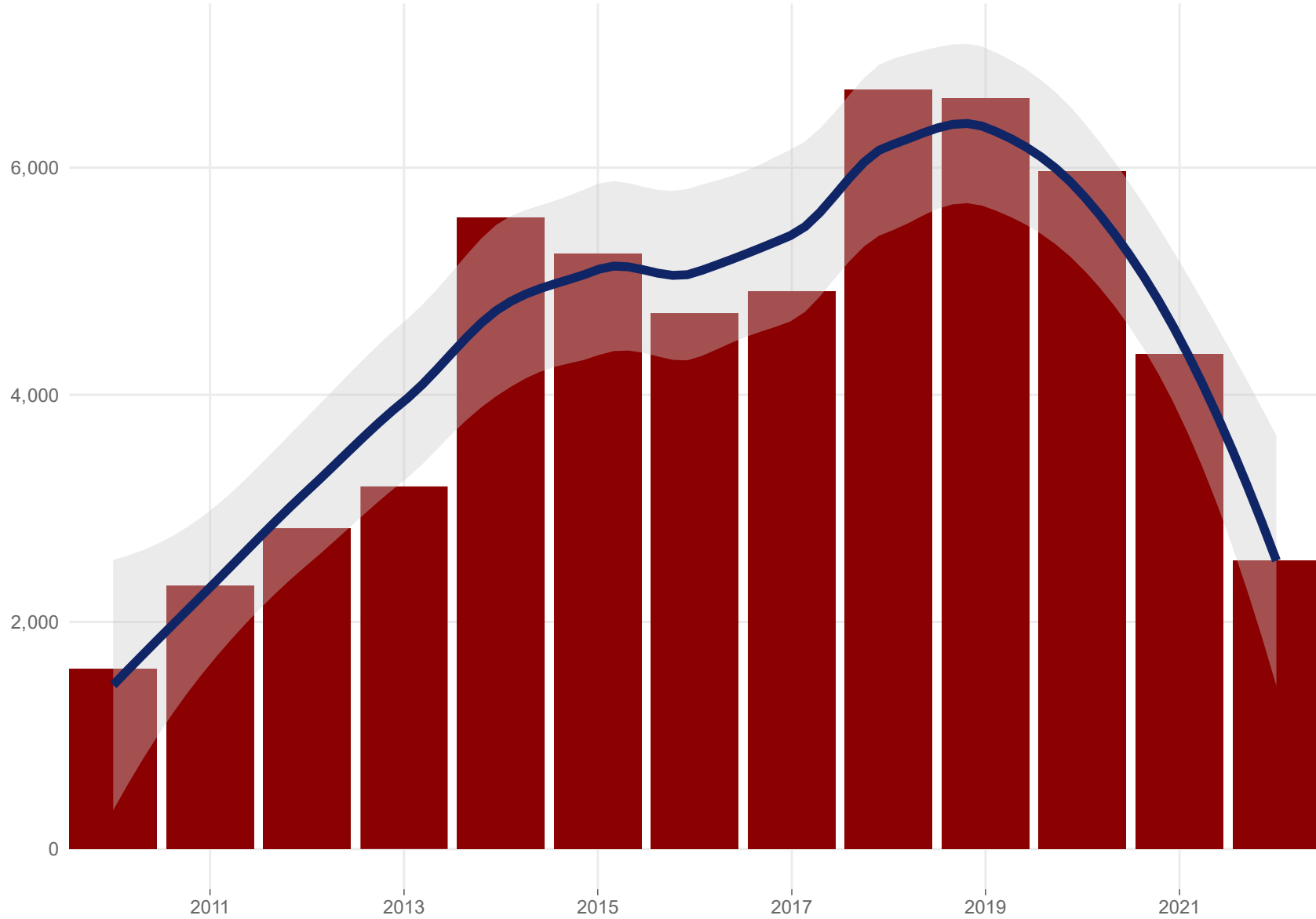


Methamphetamine Seizures by Quarter in Kilograms 2010 - 2022



Heroin Seizures by Year in Kilograms

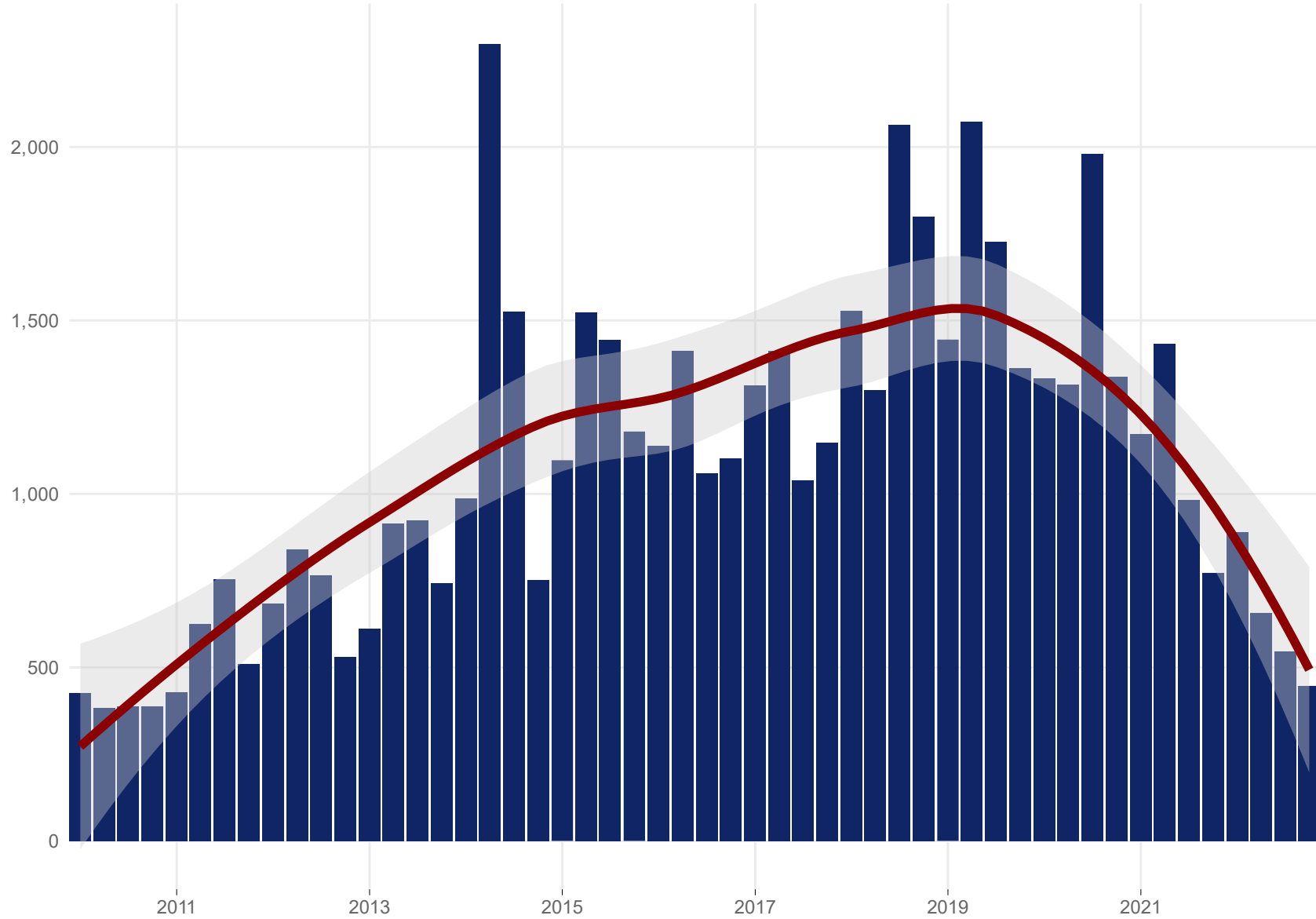
2010 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



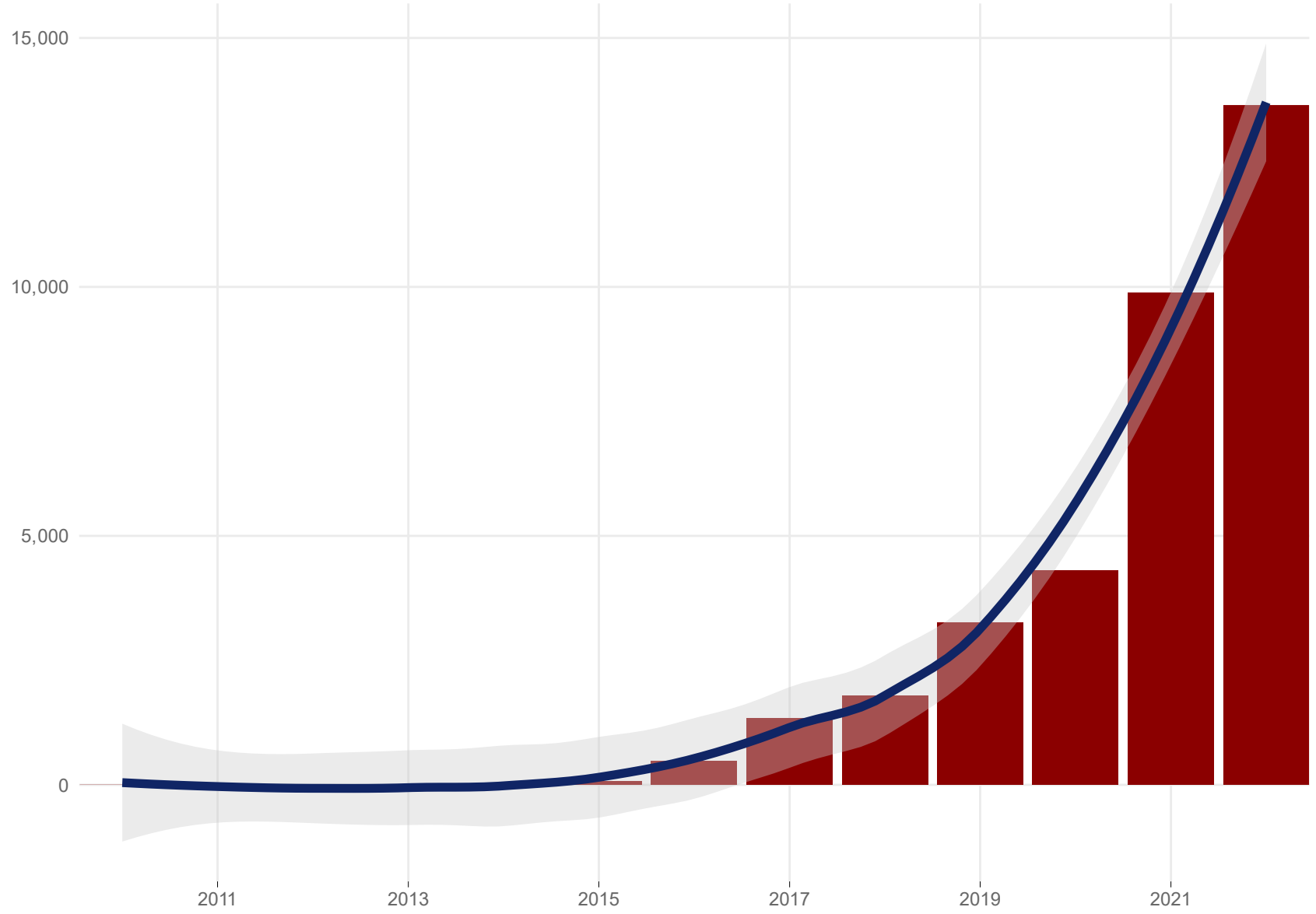
Heroin Seizures by Quarter in Kilograms 2010 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



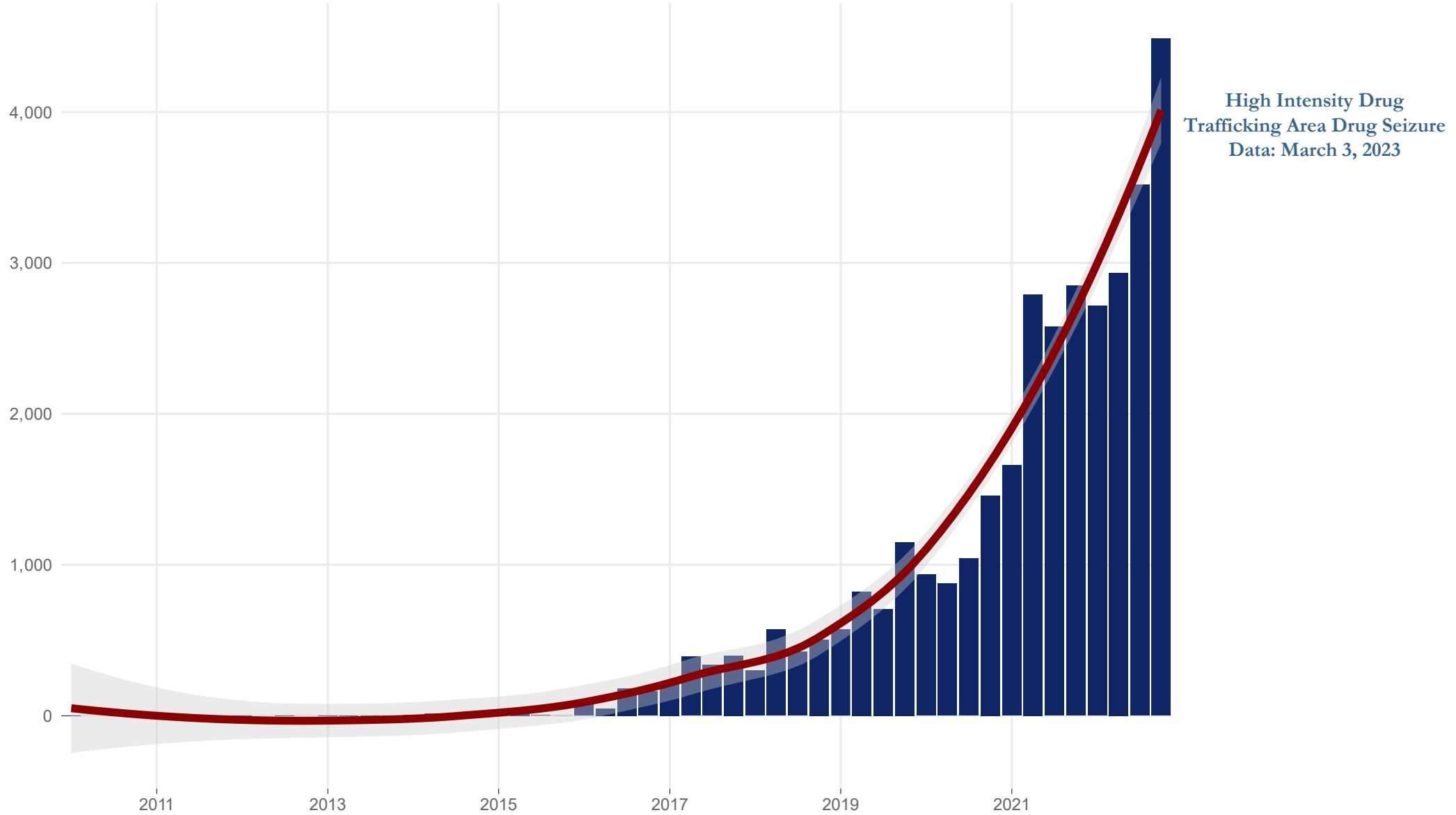
Fentanyl Seizures by Year in Kilograms 2010 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023

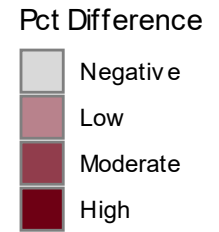
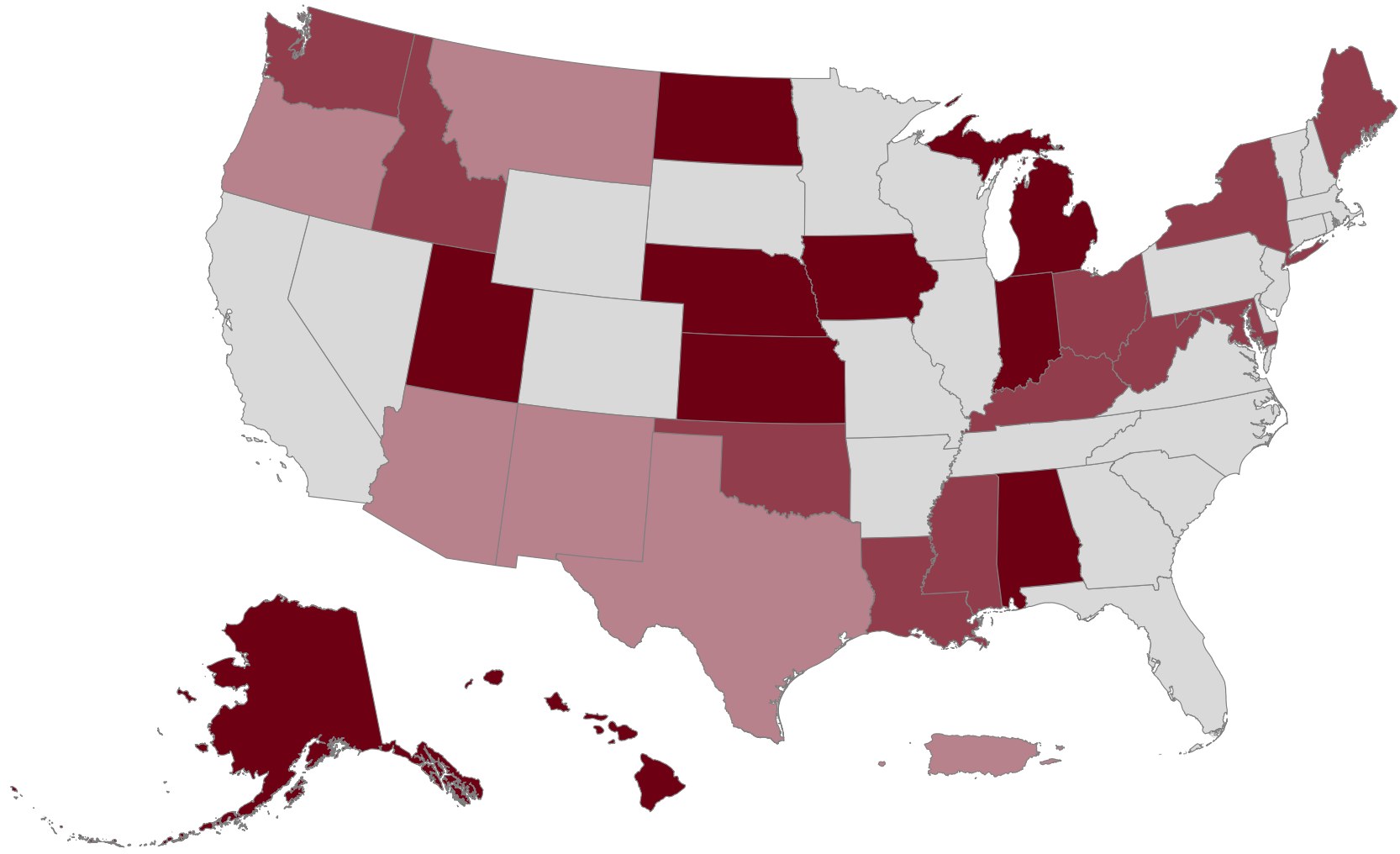


Fentanyl Seizures by Quarter in Kilograms 2010 - 2022



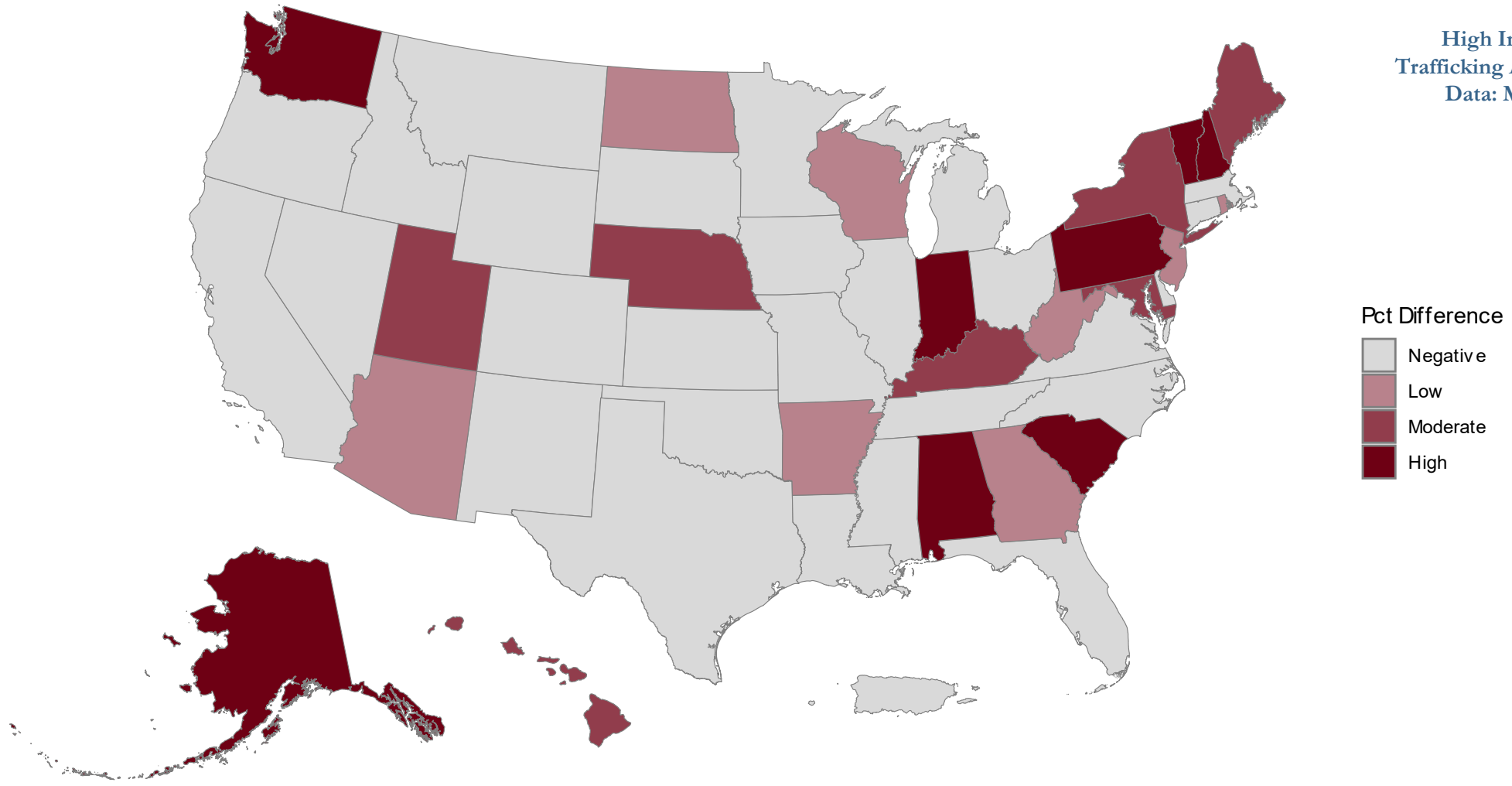
Cocaine Percent Change in Total Seizures 2021 - 2022

High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



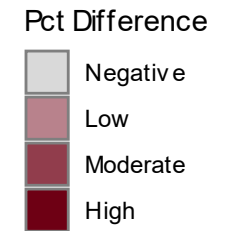
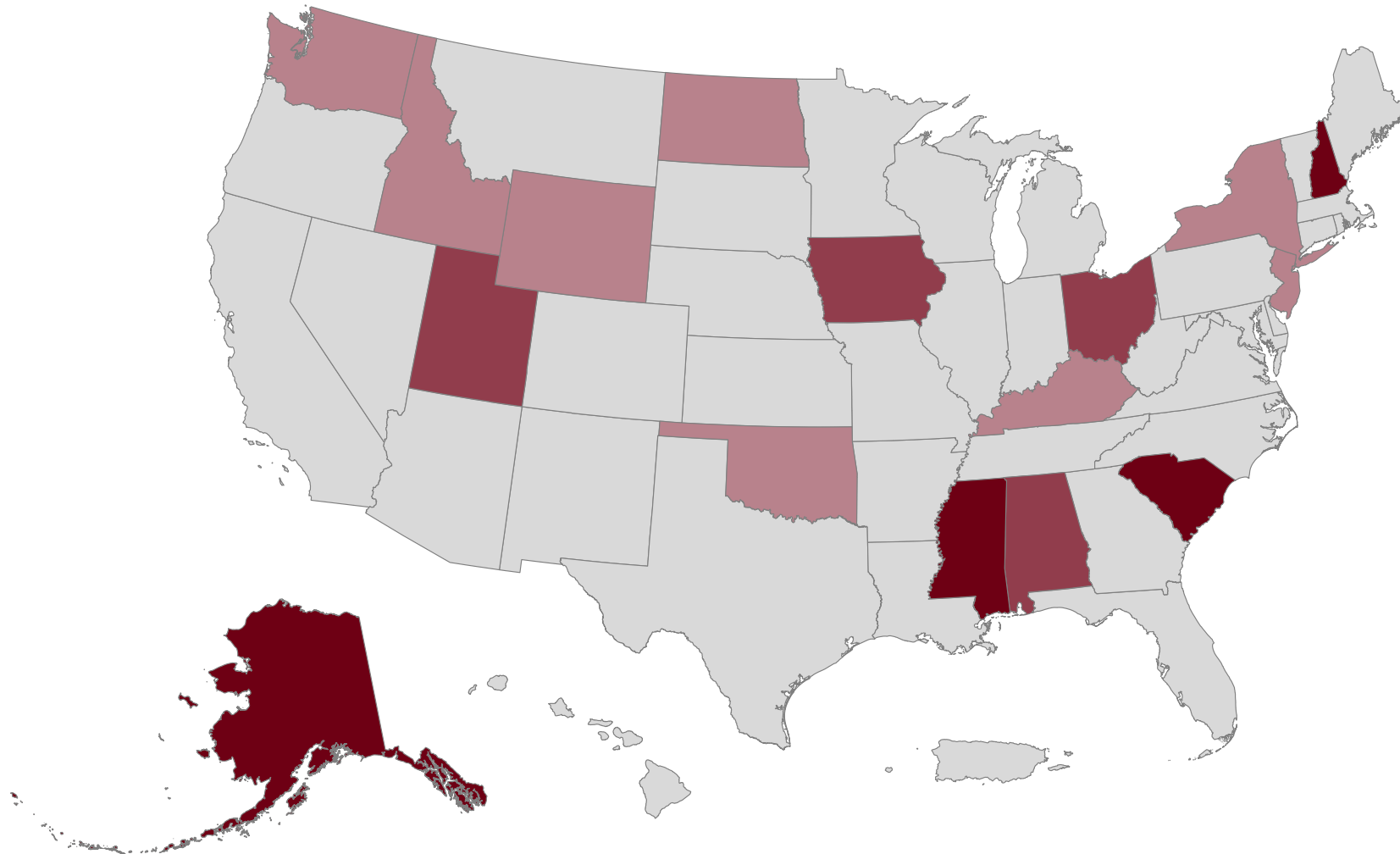
Methamphetamine Percent Change in Total Seizures 2021 - 2022

High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



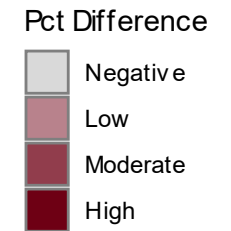
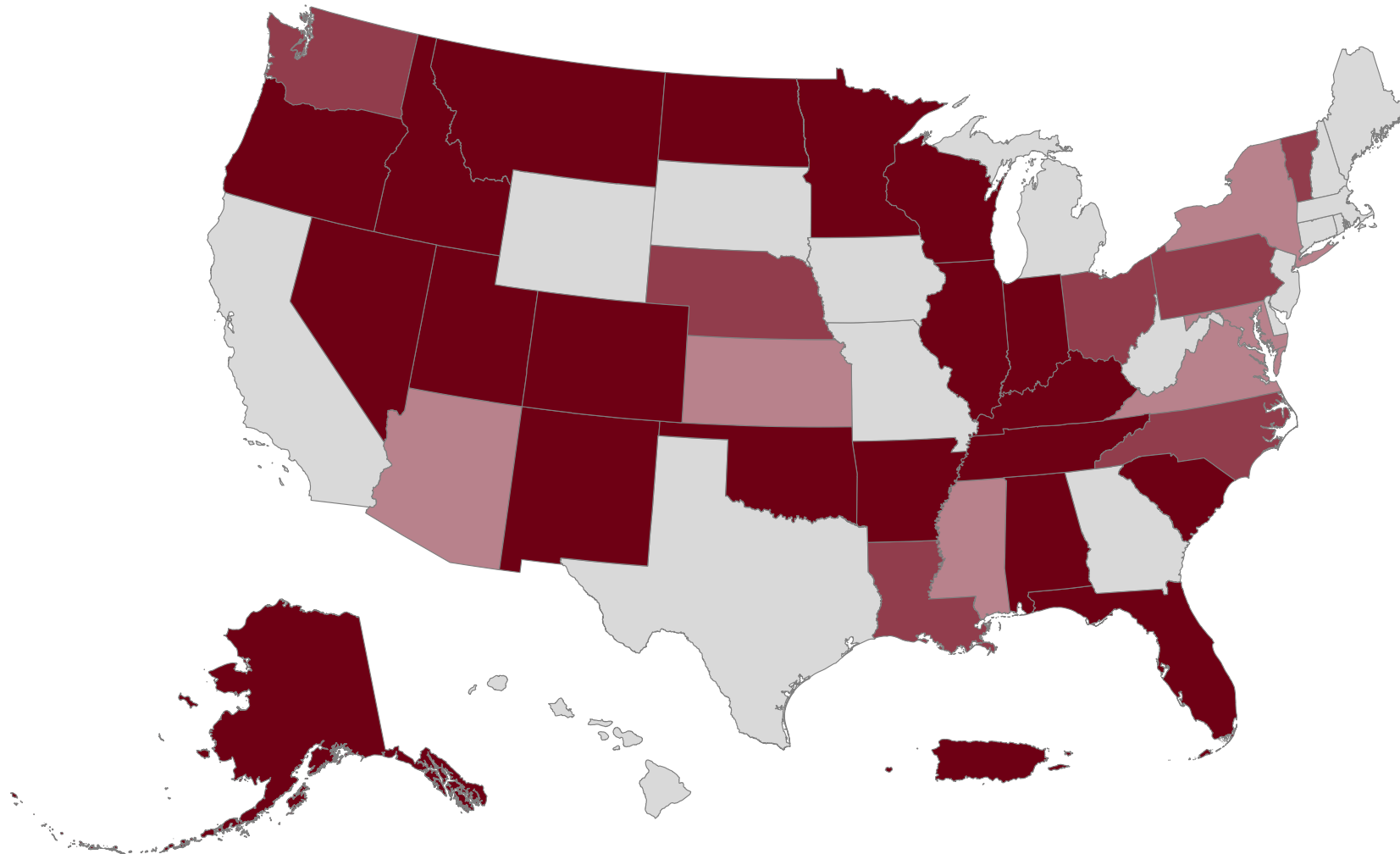
Heroin Percent Change in Total Seizures 2021 - 2022

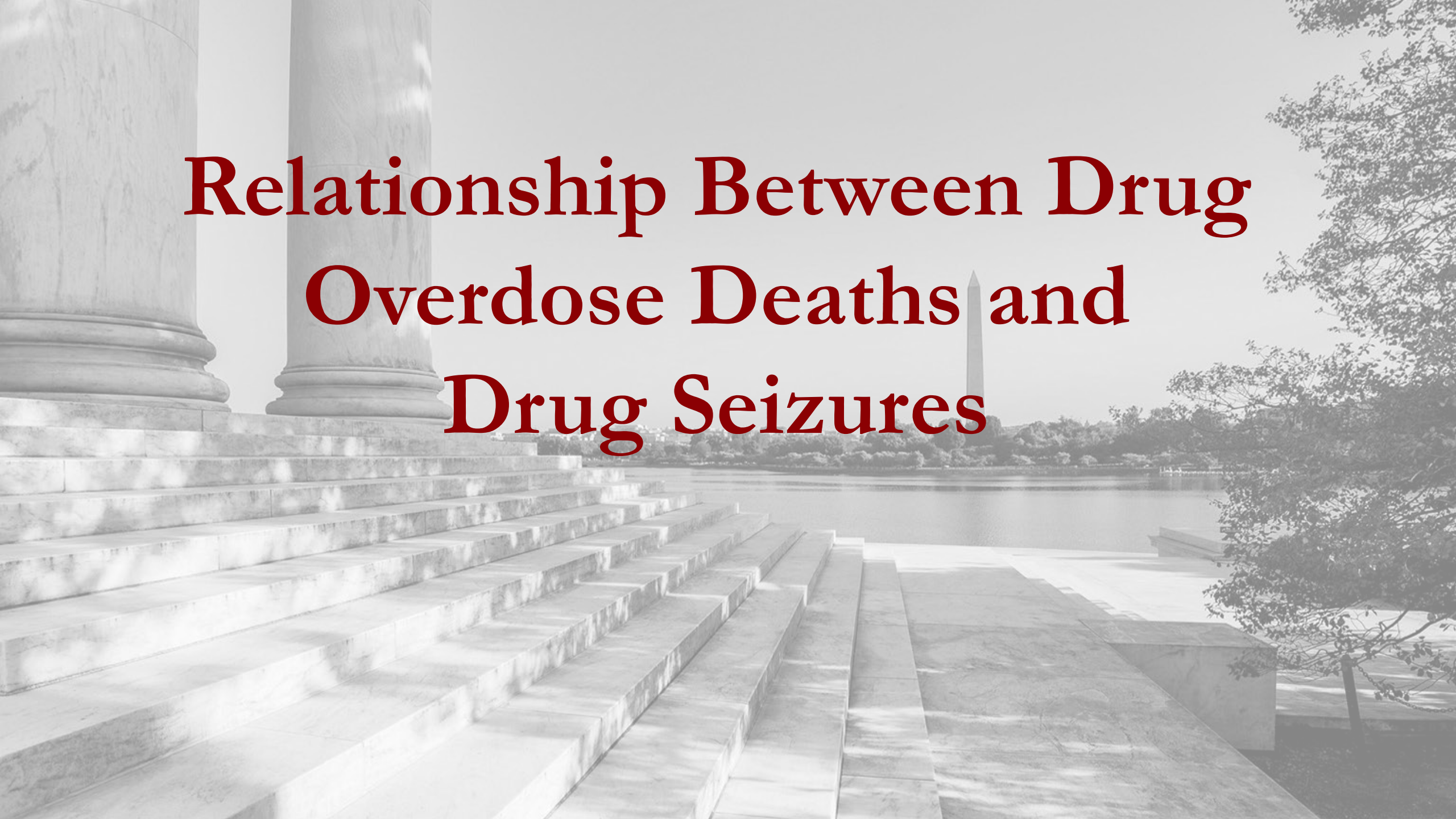
High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



Fentanyl Percent Change in Total Seizures 2021 - 2022

High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



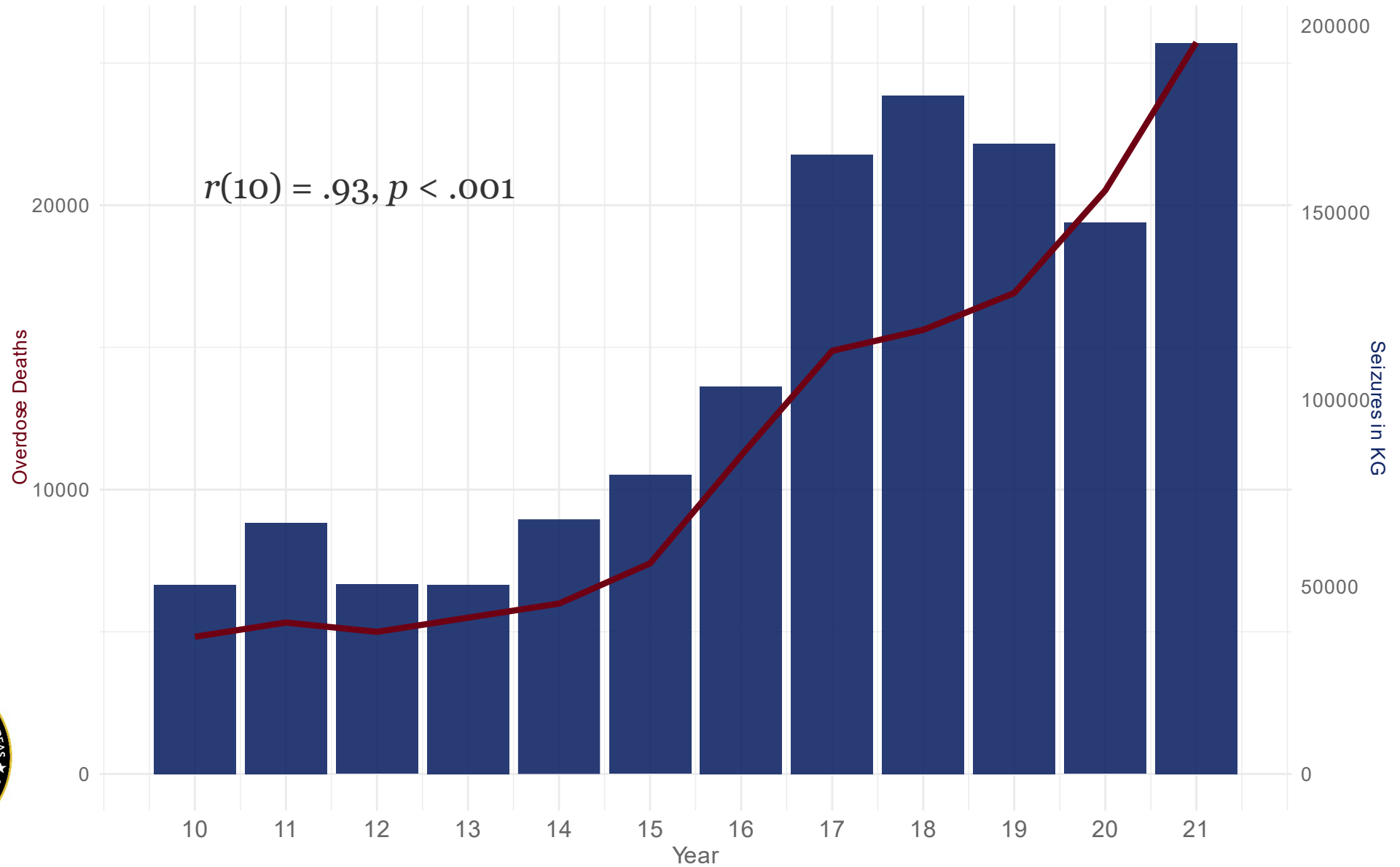


Relationship Between Drug Overdose Deaths and Drug Seizures

U.S. Cocaine Overdose Deaths and Seizures Calendar Years 2010 - 2021

National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database, released in 2021.

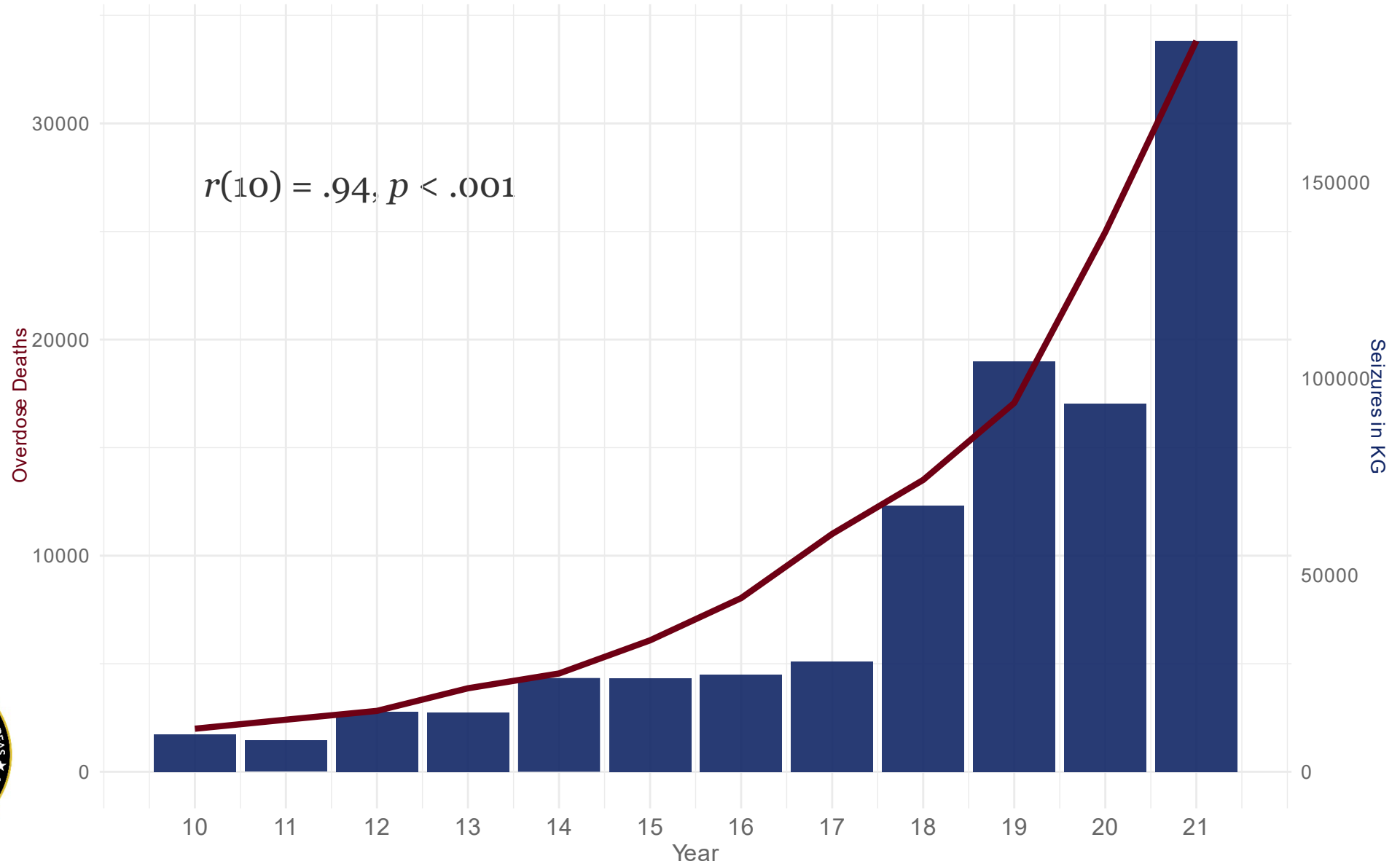
High Intensity Drug Trafficking Area Drug Seizure Data: October 11, 2022



U.S. Psychostimulant Overdose Deaths and Seizures Calendar Years 2010 - 2021

National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database, released in 2021.

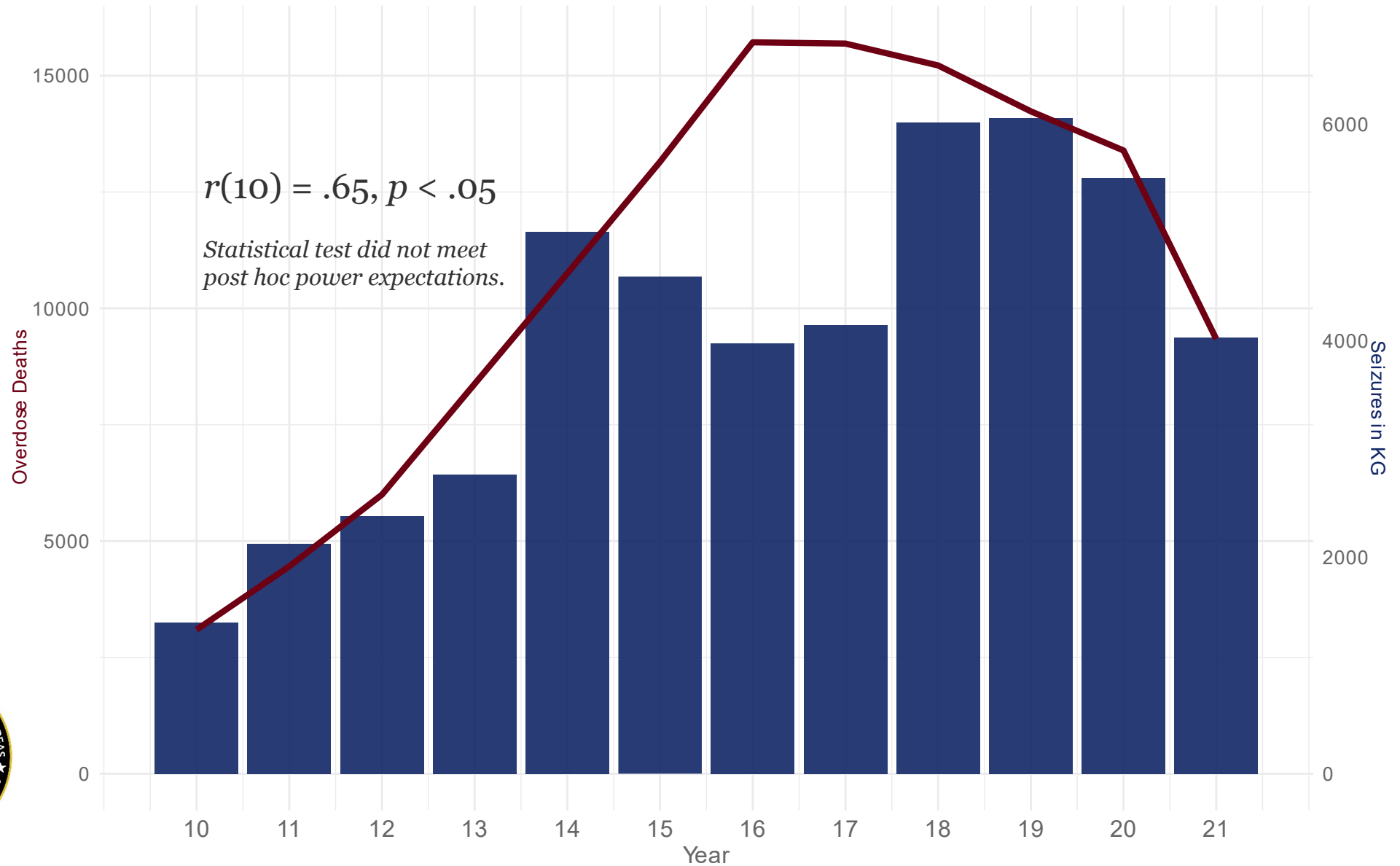
High Intensity Drug Trafficking Area Drug Seizure Data: October 11, 2022



U.S. Heroin Overdose Deaths and Seizures Calendar Years 2010 - 2021

National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database, released in 2021.

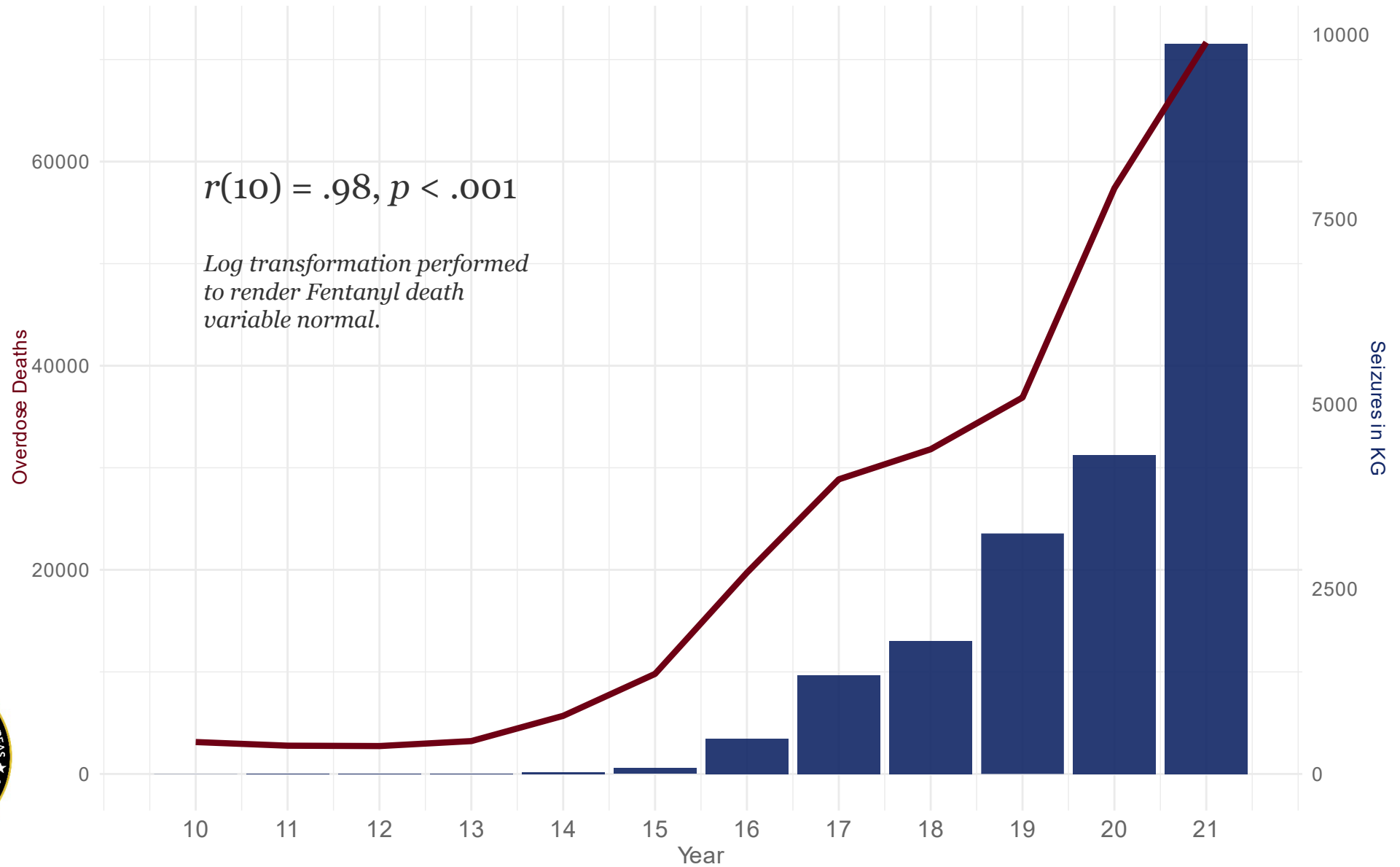
High Intensity Drug Trafficking Area Drug Seizure Data: October 11, 2022




U.S. Fentanyl Overdose Deaths and Seizures Calendar Years 2010 - 2021

National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database, released in 2021.

High Intensity Drug Trafficking Area Drug Seizure Data: October 11, 2022

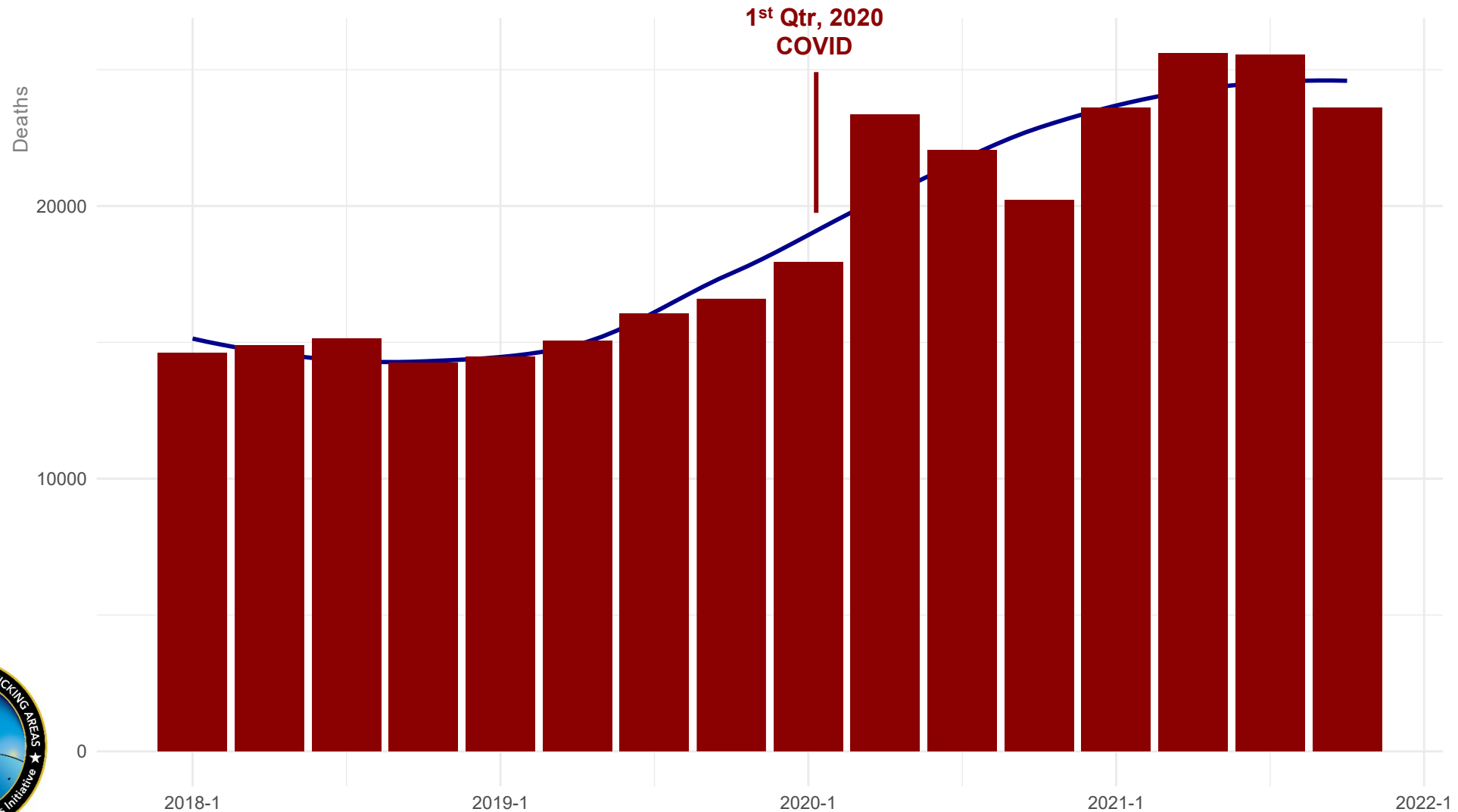




COVID-19 Impact on Drug Overdose Deaths & Drug Seizures

What happened to Drug Overdose Deaths and Drug Seizures by Law Enforcement when COVID-19 began?

January 2018 to December 2021 Overdose Deaths



National Center for Health Statistics. Predicted Values in Vital Statistics Rapid Release, Provisional Drug Overdose Death Counts. 2022. <https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>

COVID-19's Impact on Overdose Deaths and Drug Seizures

- During the first quarter of 2020, the COVID-19 pandemic was declared by WHO.¹
- In the second quarter, overdose deaths surged.²
- Simultaneously, law enforcement seizures of stimulants declined as public contacts were restricted.³
- In subsequent quarters, the surge in overdose deaths slowed, while drug seizures increased.⁴




¹ <https://www.cdc.gov/museum/timeline/covid19.html>

² See previous slide, #59, in this presentation.

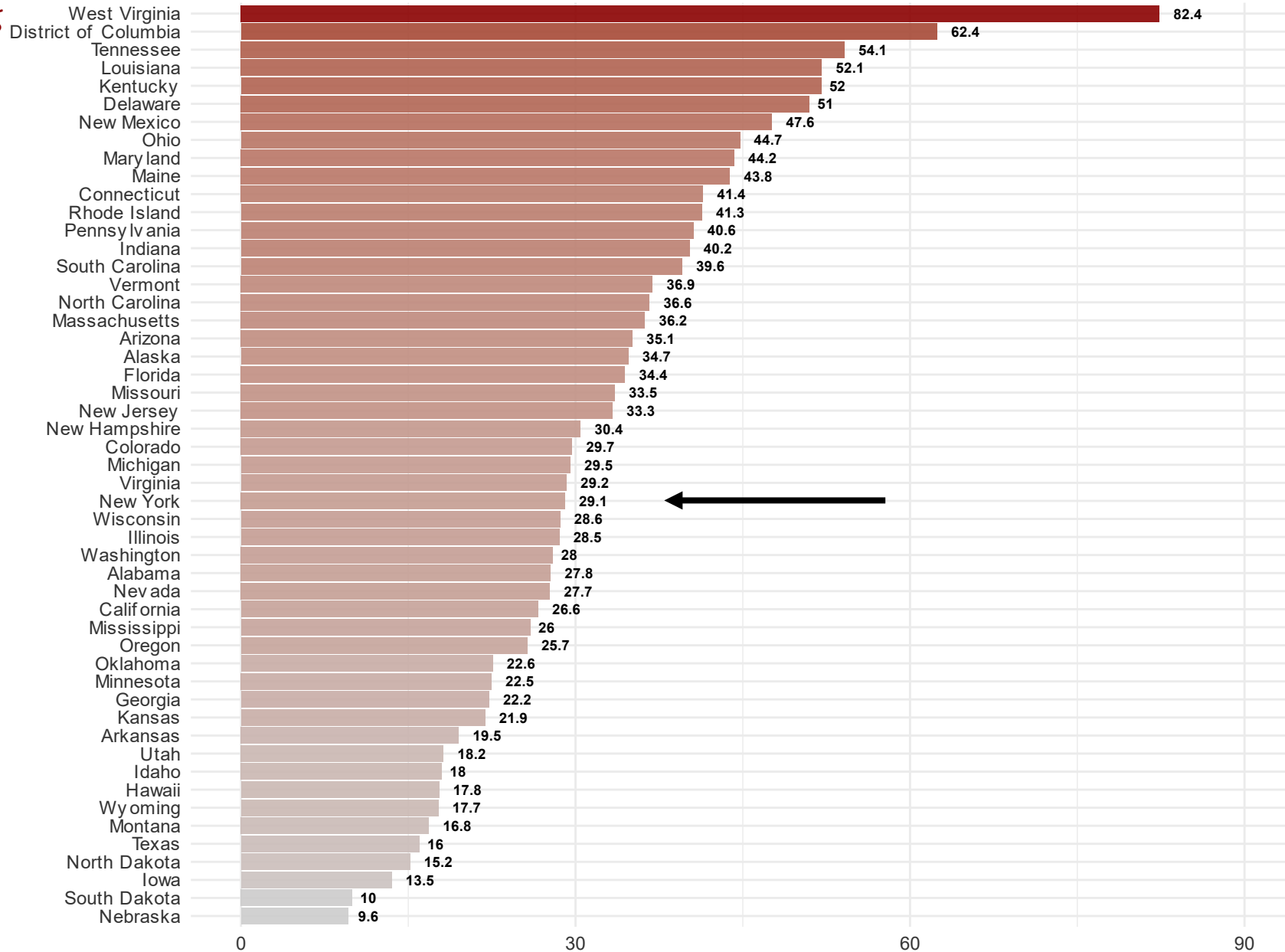
³ See slides 41, 43, 45 and 48 in this presentation.

⁴ See previous slide, #59, in this presentation



New York Drug Overdose Deaths

Provisional Drug Overdose Deaths Per 100,000 Population By State - 2021

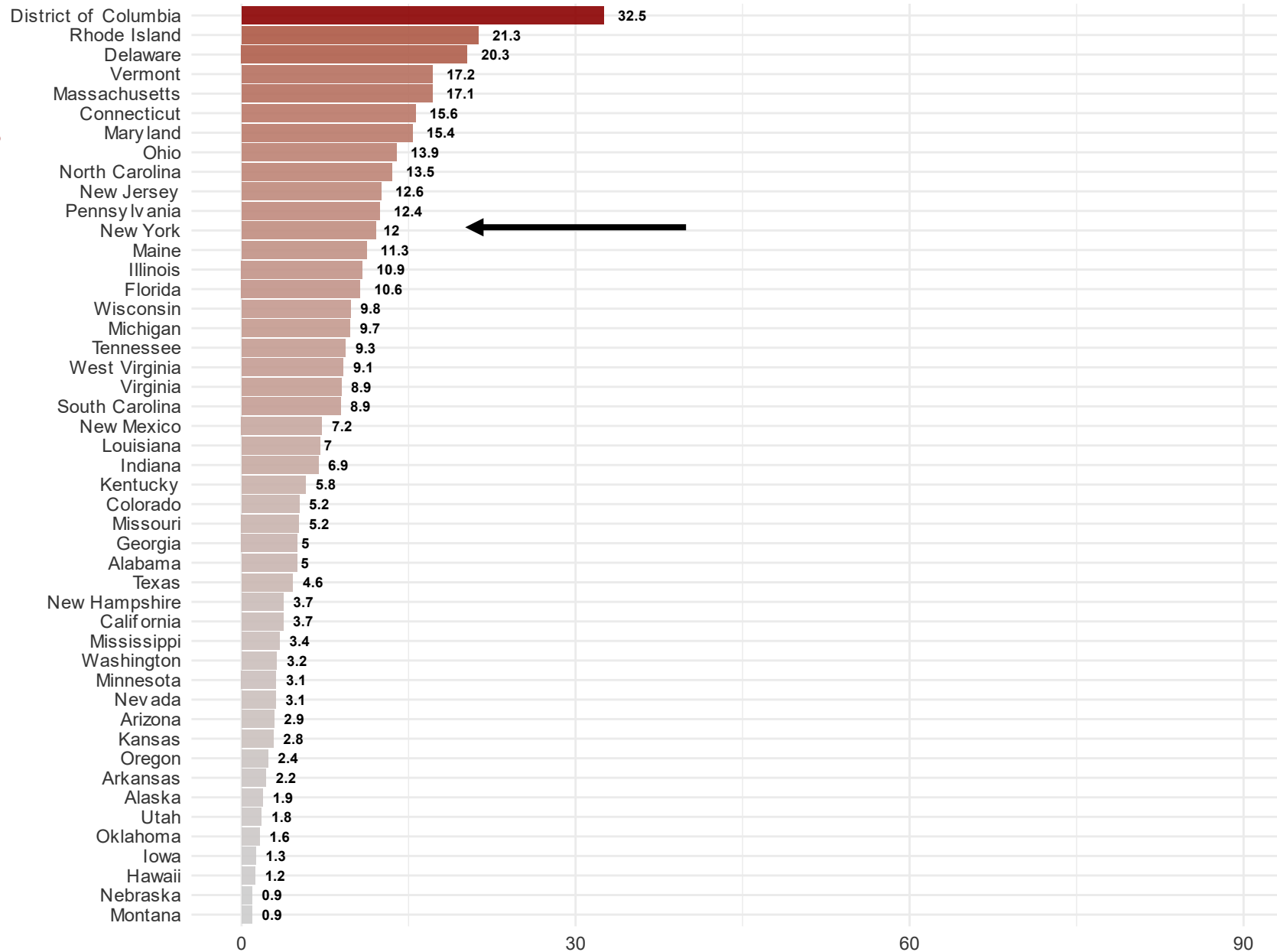


Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



This figure represents the provisional drug overdose death rate for the year ending December 31, 2021.

Provisional Cocaine Overdose Deaths Per 100,000 Population By State - 2021

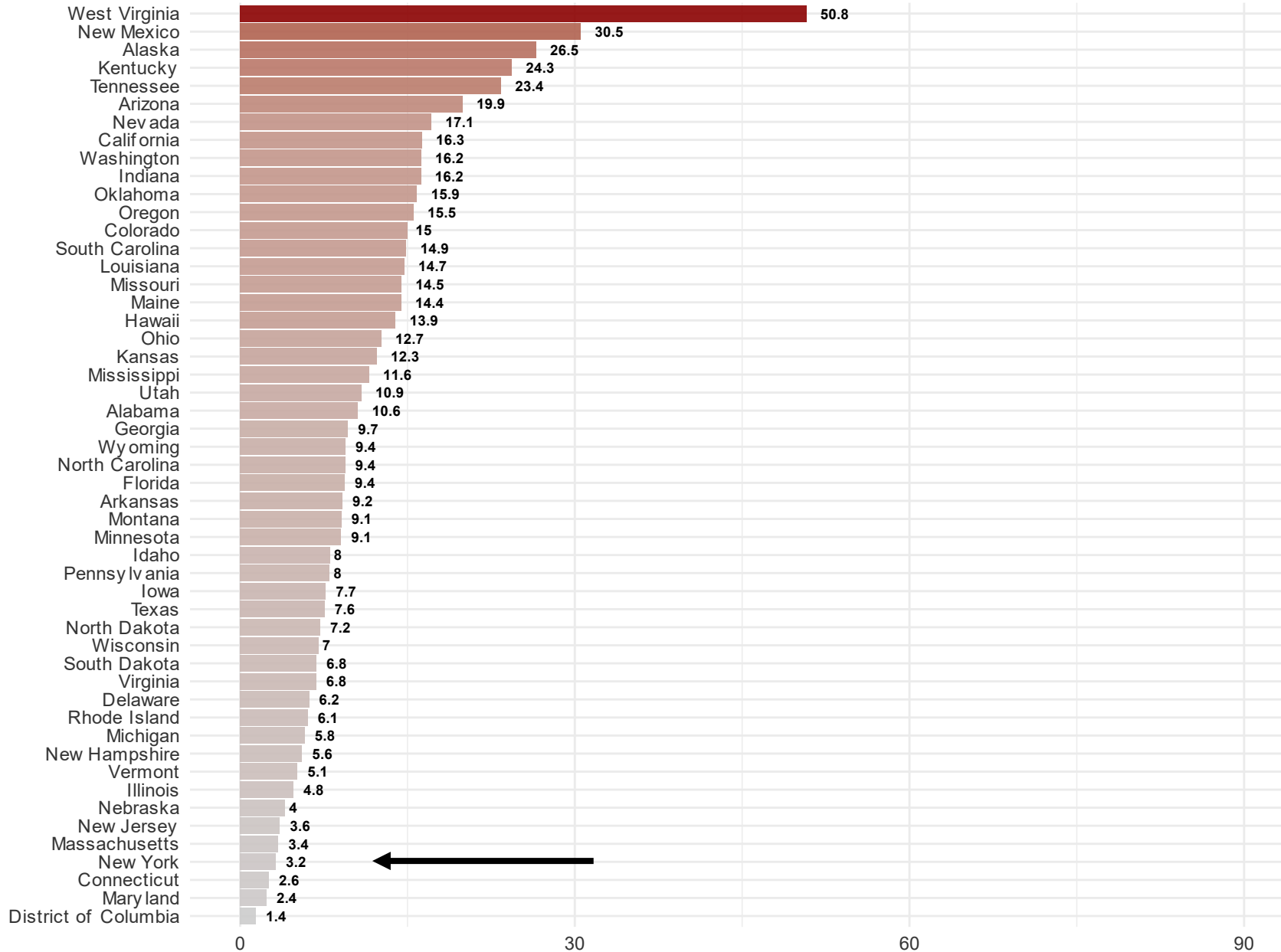


Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



This figure represents the provisional cocaine overdose death rate for the year ending December 31, 2021.

Provisional Psychostimulant Overdose Deaths Per 100,000 Population By State - 2021

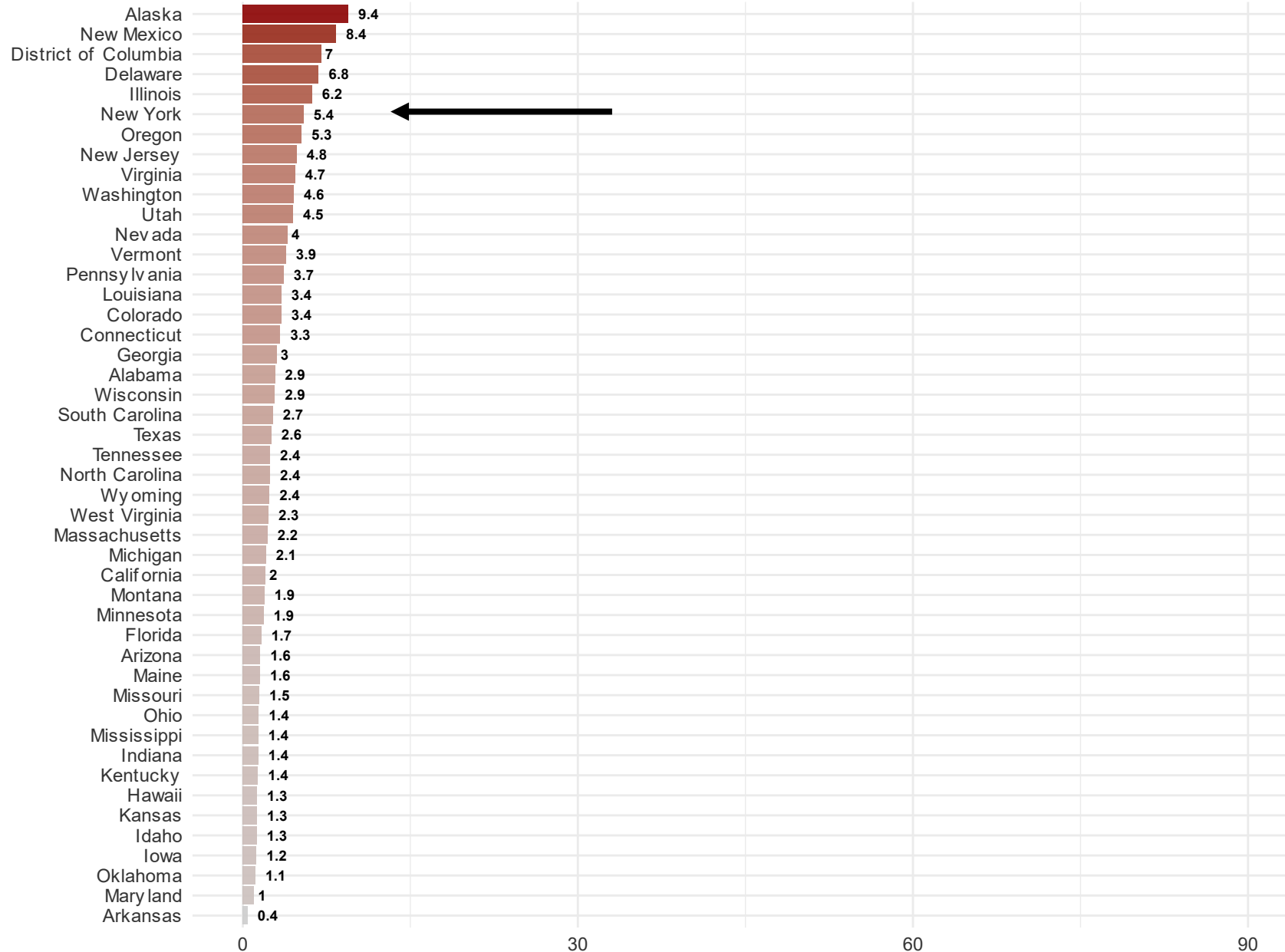


This figure represents the provisional psychostimulant overdose death rate for the year ending December 31, 2021.

Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Provisional Heroin Overdose Deaths Per 100,000 Population By State - 2021

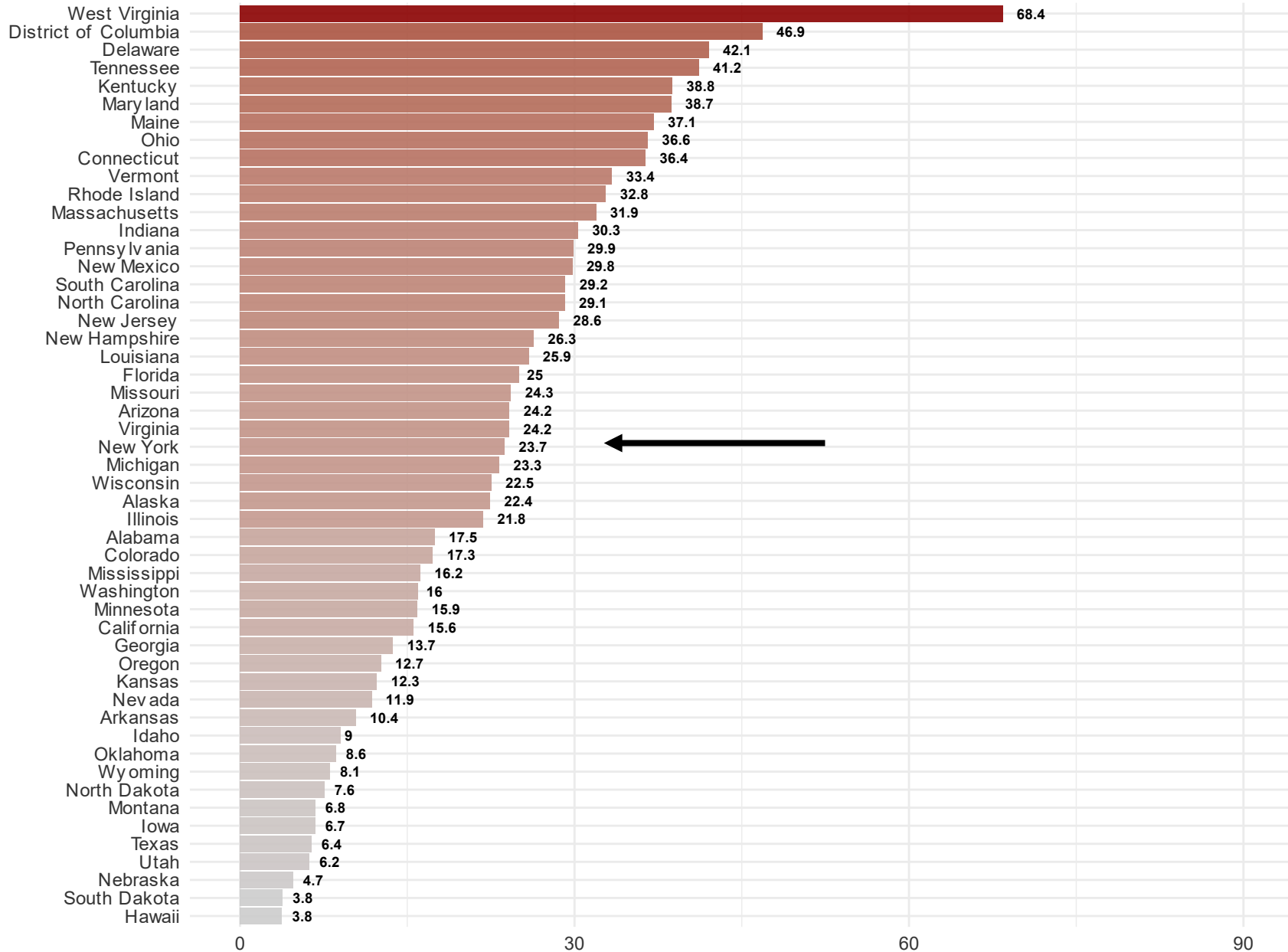


This figure represents the provisional heroin overdose death rate for the year ending December 31, 2021.

Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Provisional Fentanyl Overdose Deaths Per 100,000 Population By State - 2021

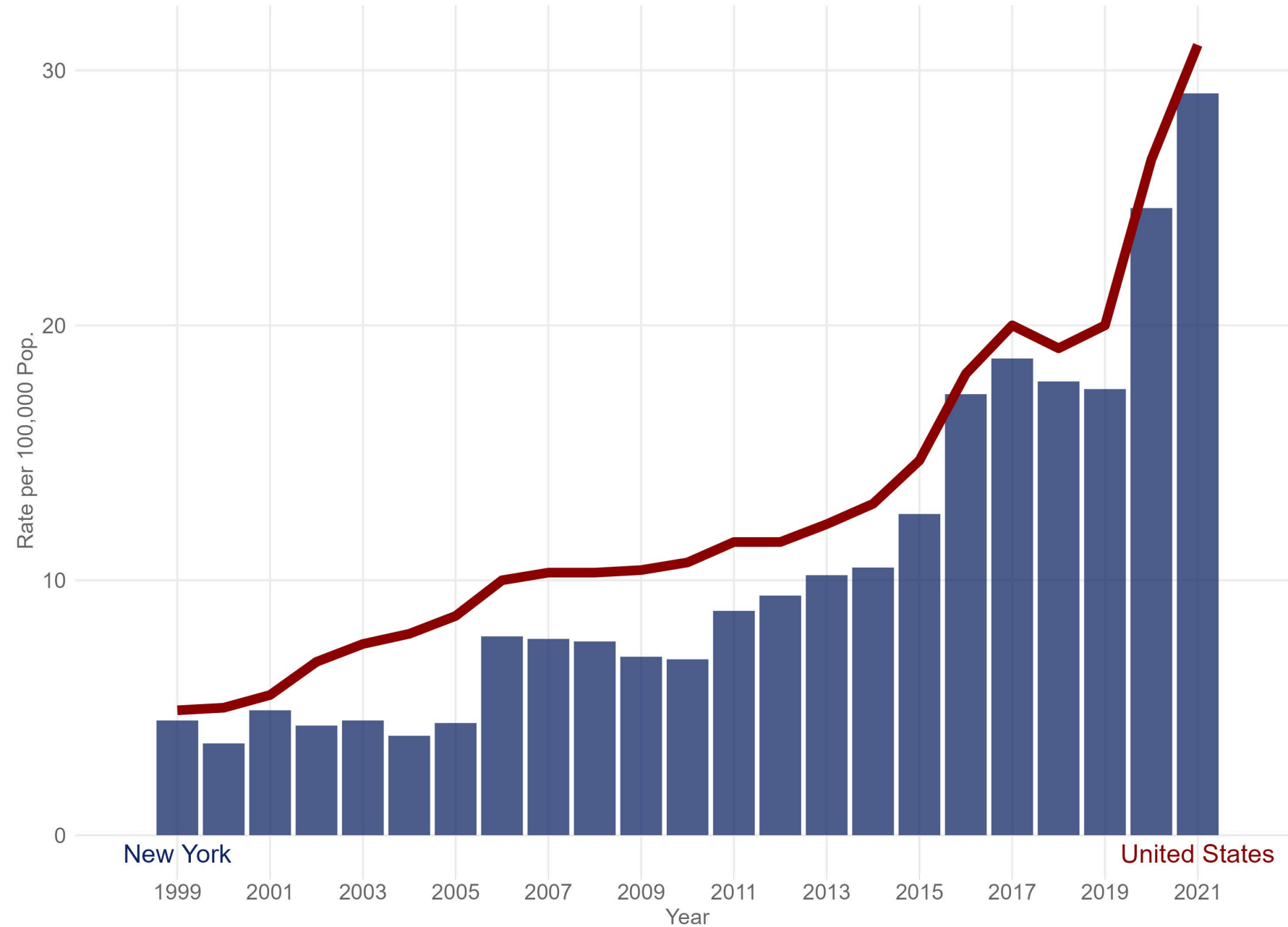


This figure represents the provisional fentanyl overdose death rate for the year ending December 31, 2021.

Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



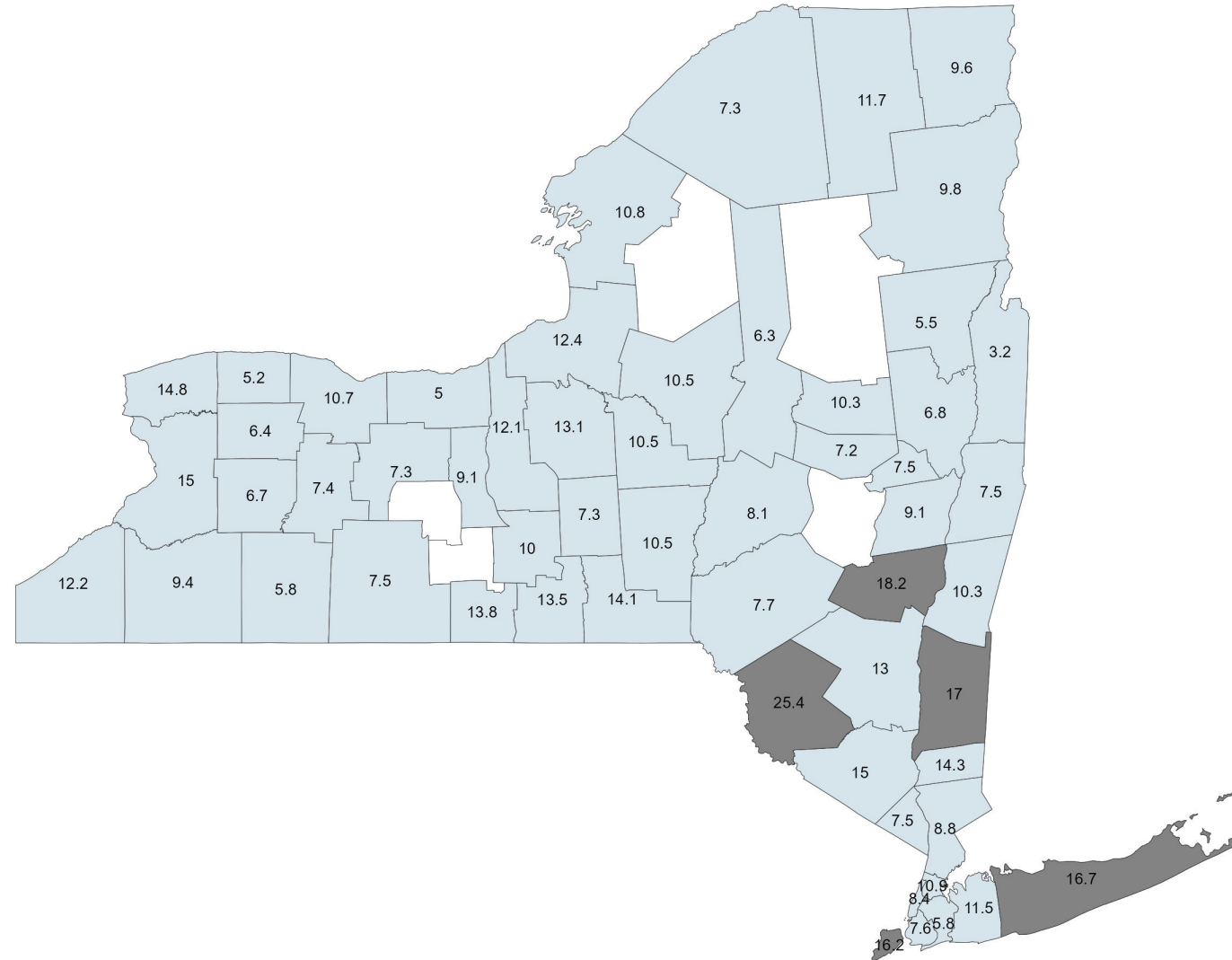
New York and U.S. Overdose Death Rate per 100,000 1999 - 2021



Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Average Annual Overdose Death Rate for New York Calendar Years 2011 - 2015

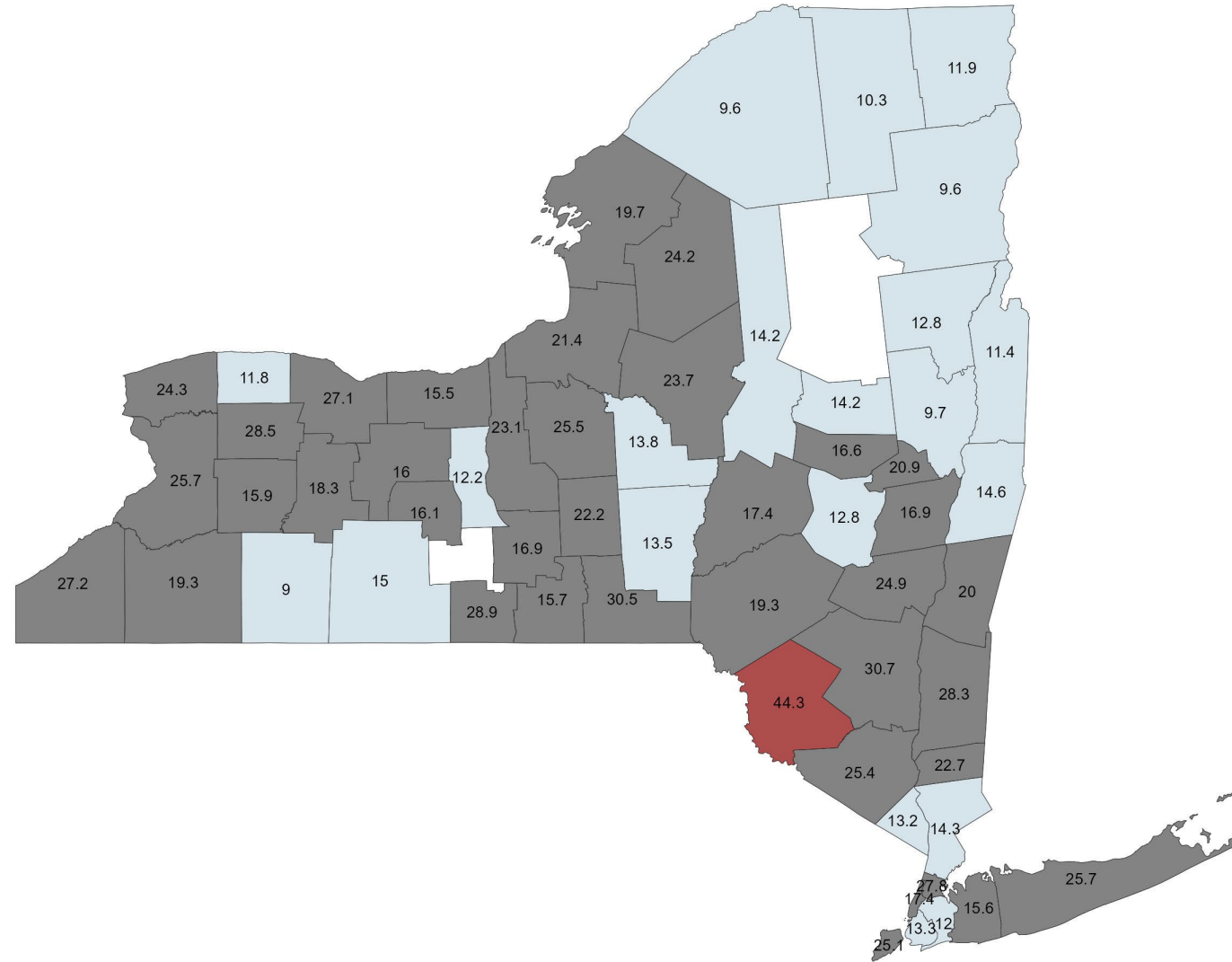


Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Overdose Low Mod High

Average Annual Overdose Death Rate for New York Calendar Years 2016 - 2020



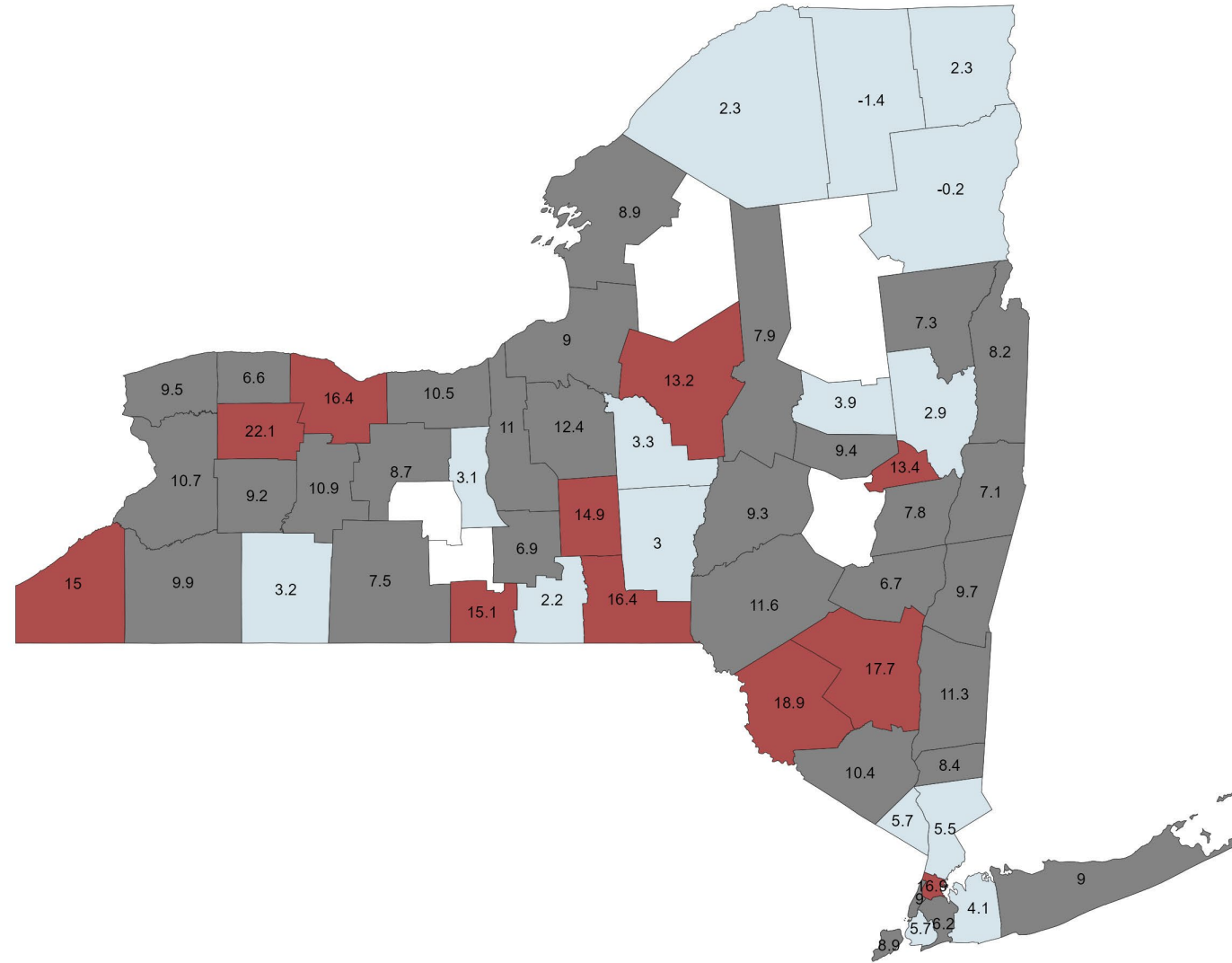
Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.



Overdose Low Mod High

New York Overdose Death Rate per 100,000

Rate Difference Between Period One & Period Two



Data source: National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database.

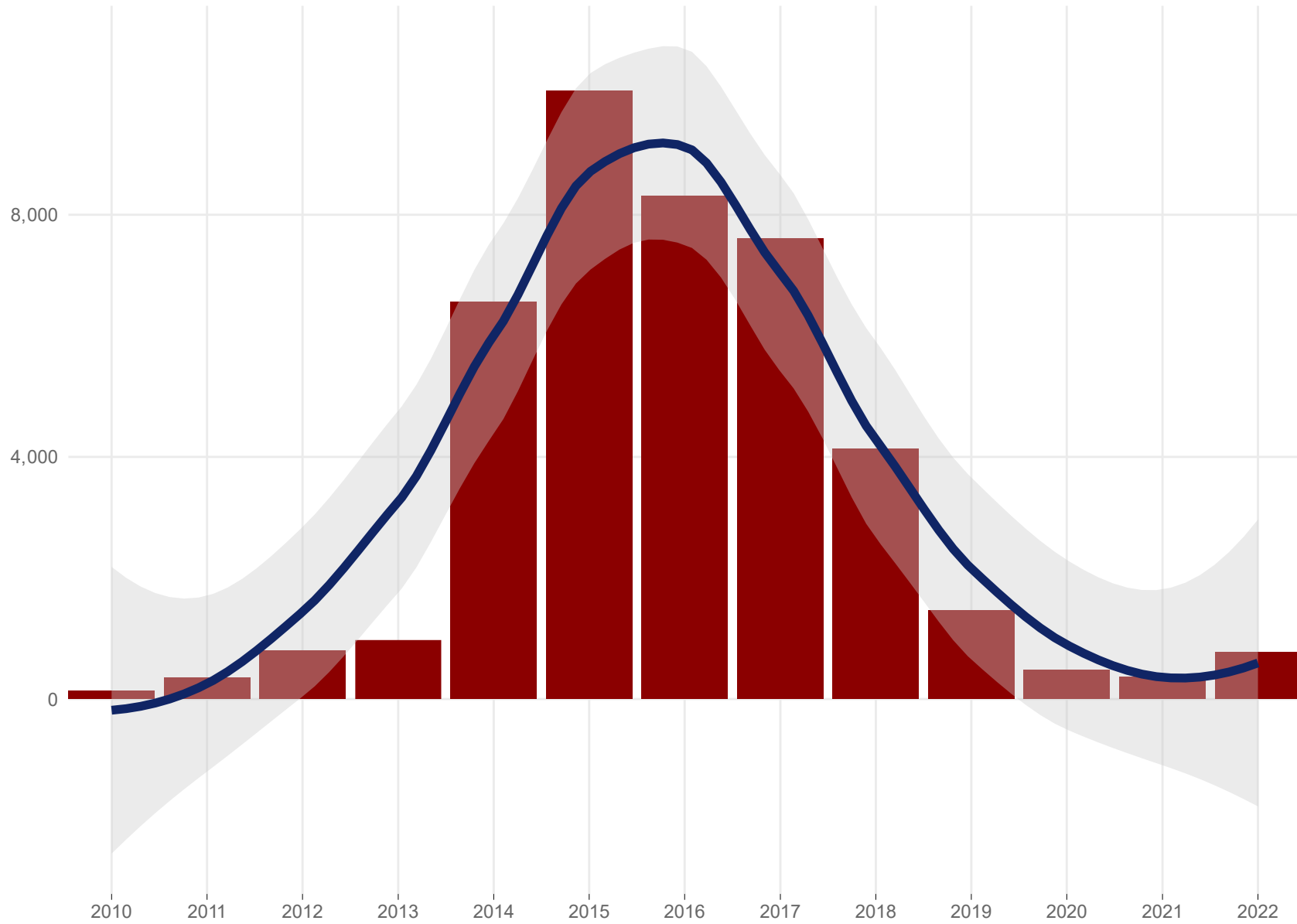


Overdose [-1.4,5.95] (5.95,12.8] (12.8,22.1]



**New York State
Law Enforcement
Drug Seizures**

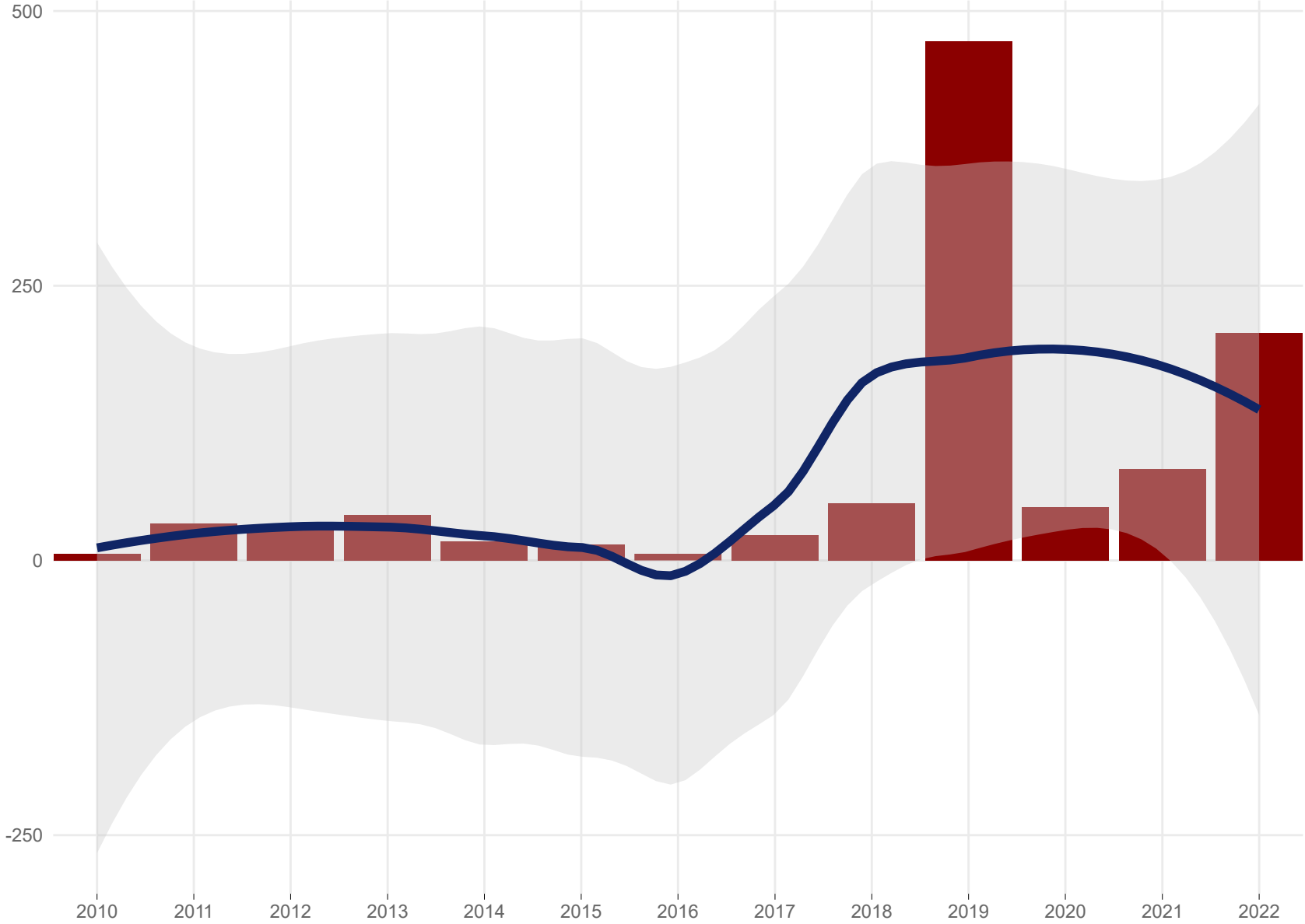
Cocaine Seizures for New York in Kilograms 2015 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



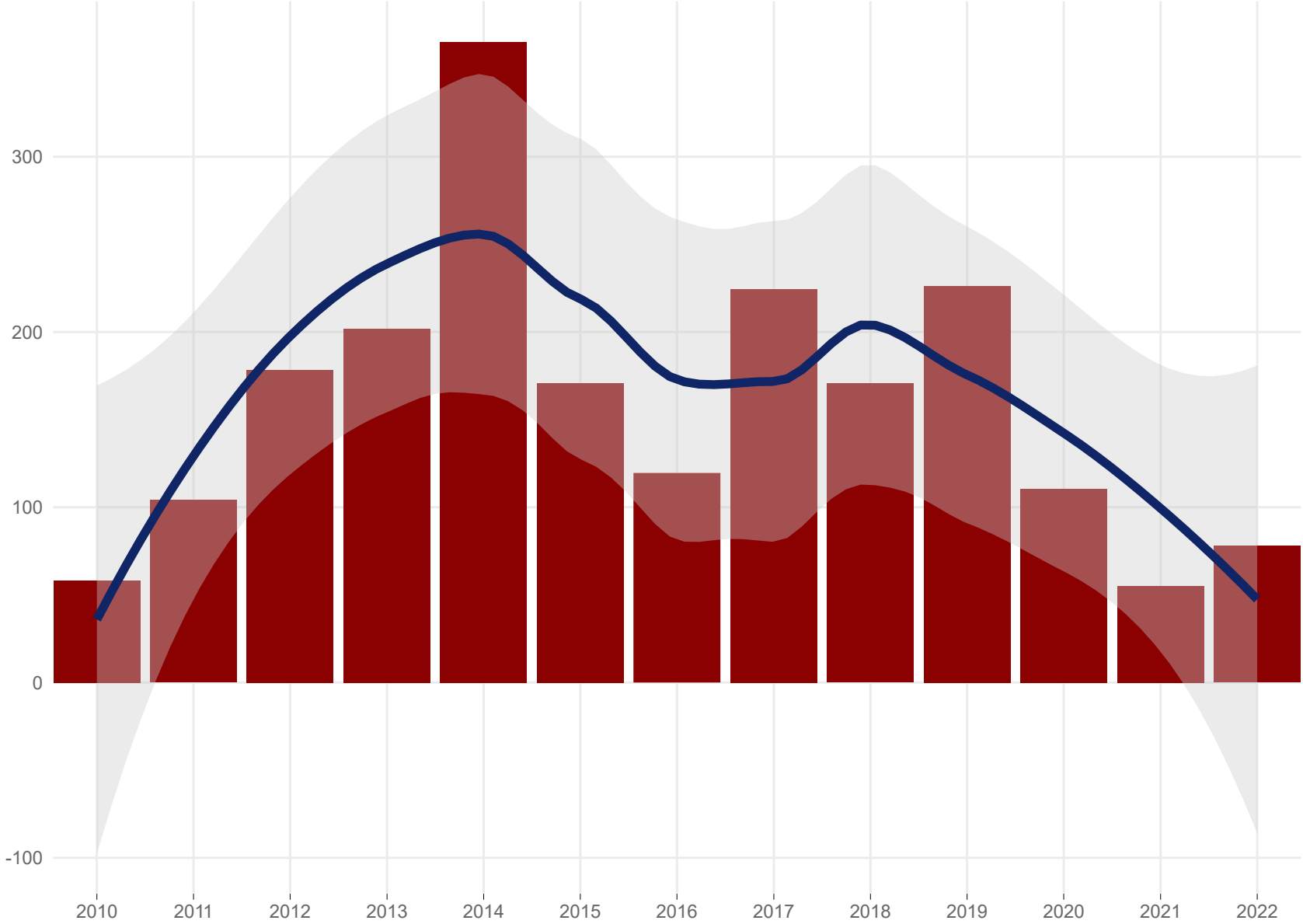
Methamphetamine Seizures for New York in Kilograms 2015 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



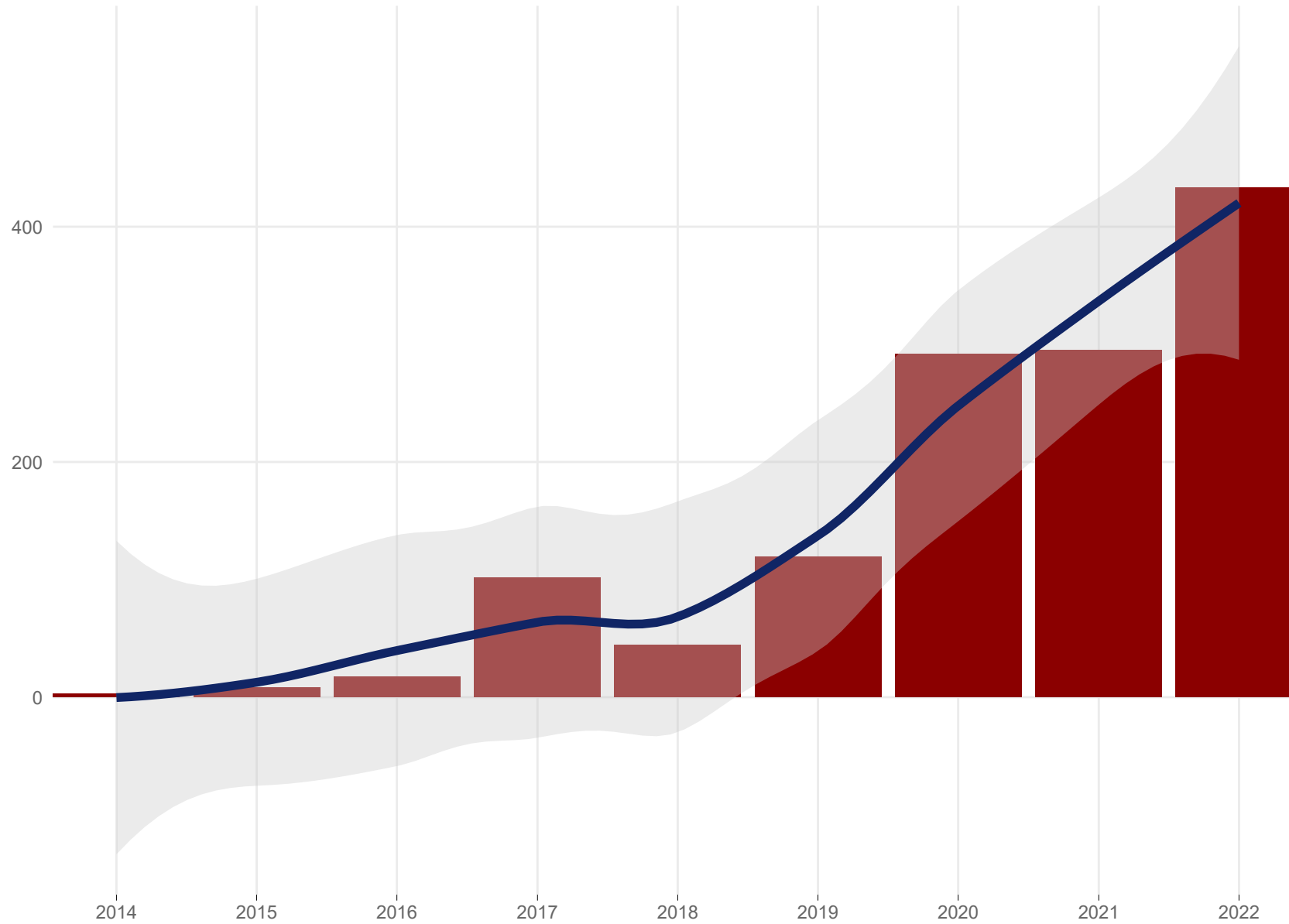
Heroin Seizures for New York in Kilograms 2015 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



Fentanyl Seizures for New York in Kilograms 2015 - 2022



High Intensity Drug
Trafficking Area Drug Seizure
Data: March 3, 2023



John L. Eadie
National Emerging Threats Initiative (NETI)
3587 Parkway Lane
Norcross, Georgia 30092
(518) 429-6397
jeadie@pdmpneti.org

