

Prescription Drug Monitoring Program (PDMP) Data 2010 - 2024

**Prepared by
The Drug Threat Analysis Group**

DTAG PDMP Project

Data request

DTAG requested PDMP data in 2025, and 52 PDMPs responded, covering 99% of the United States population.

Important Clarification

Ten PDMPs provided complete 2010 - 2024 for the long-term trends, including California, Illinois, Indiana, Kentucky, Michigan, New Mexico, New York, Ohio, Tennessee, and Utah. Together, these PDMPs represent 35% of the population.

Long-Term Trend (2010-2024)

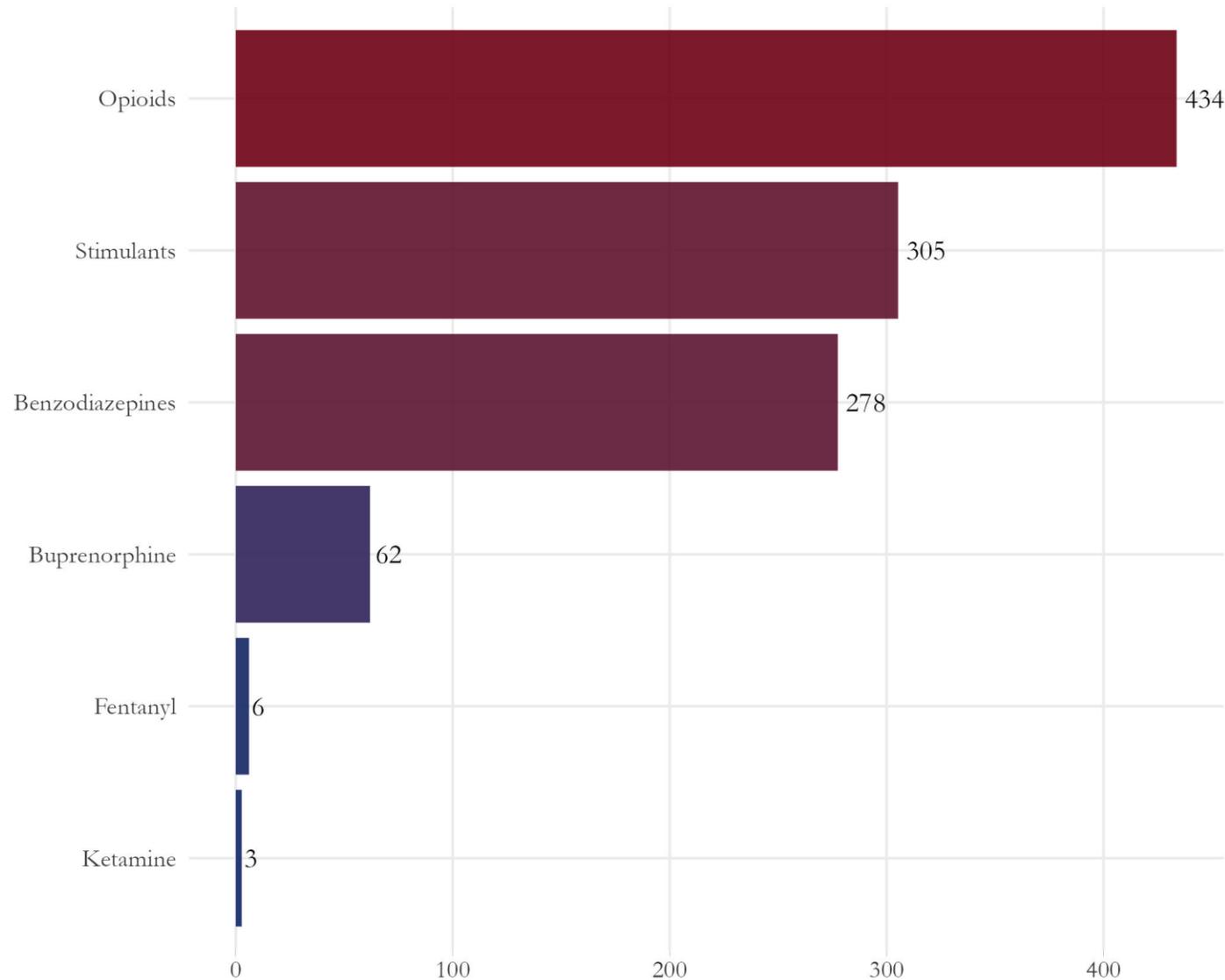
Based on data from the ten selected states.

Short-Term Trend (2021-2024)

Forty-seven PDMPs supplied data for 2021-2024, and their information is summarized in this presentation.



Prescribing Rate for Selected Controlled Substances Calendar Year 2024



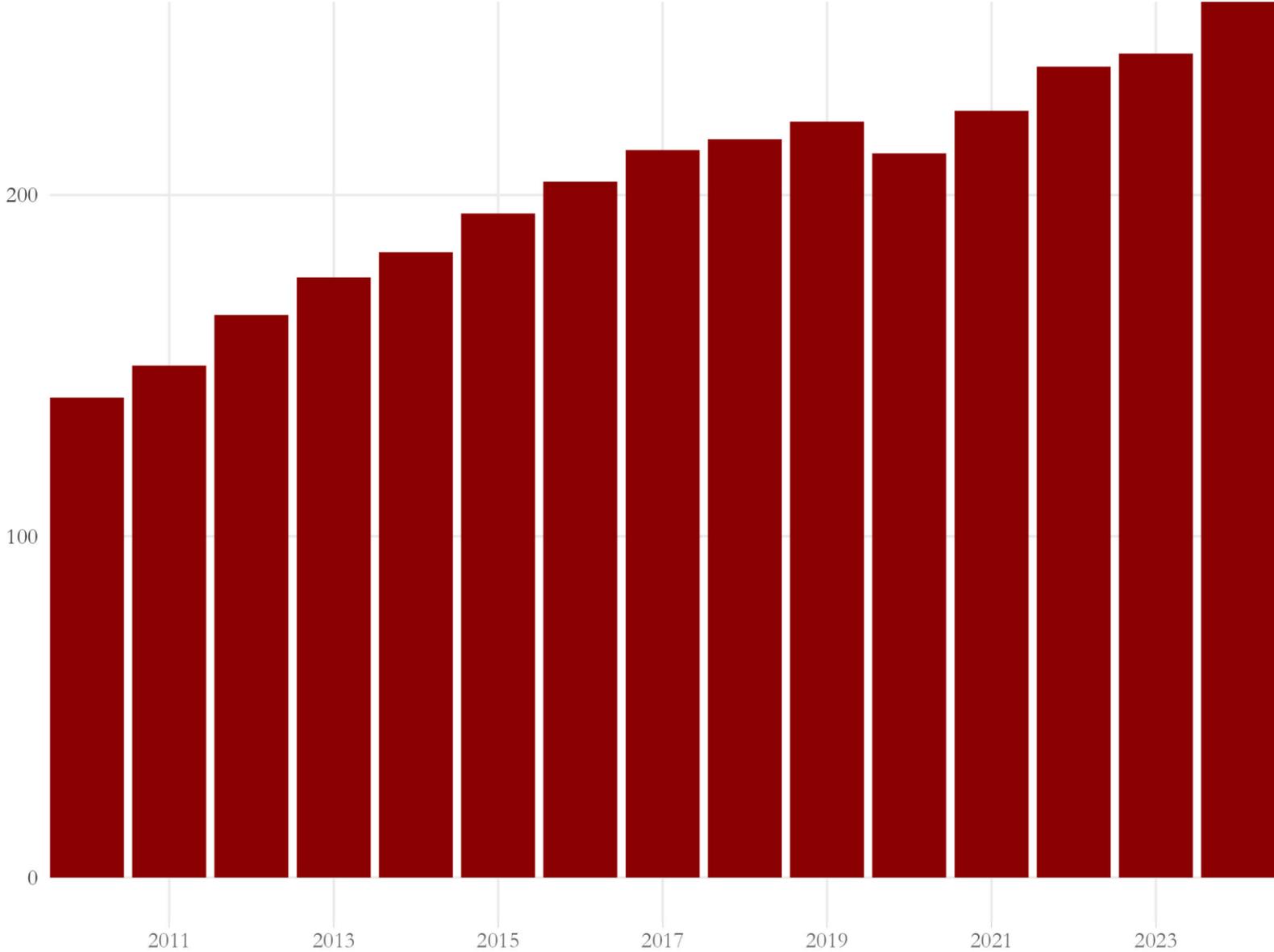
Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

October, 2025

Longitudinal Analysis of Prescribing for All Selected States

Rx Psychostimulants for Selected States 2010 - 2024

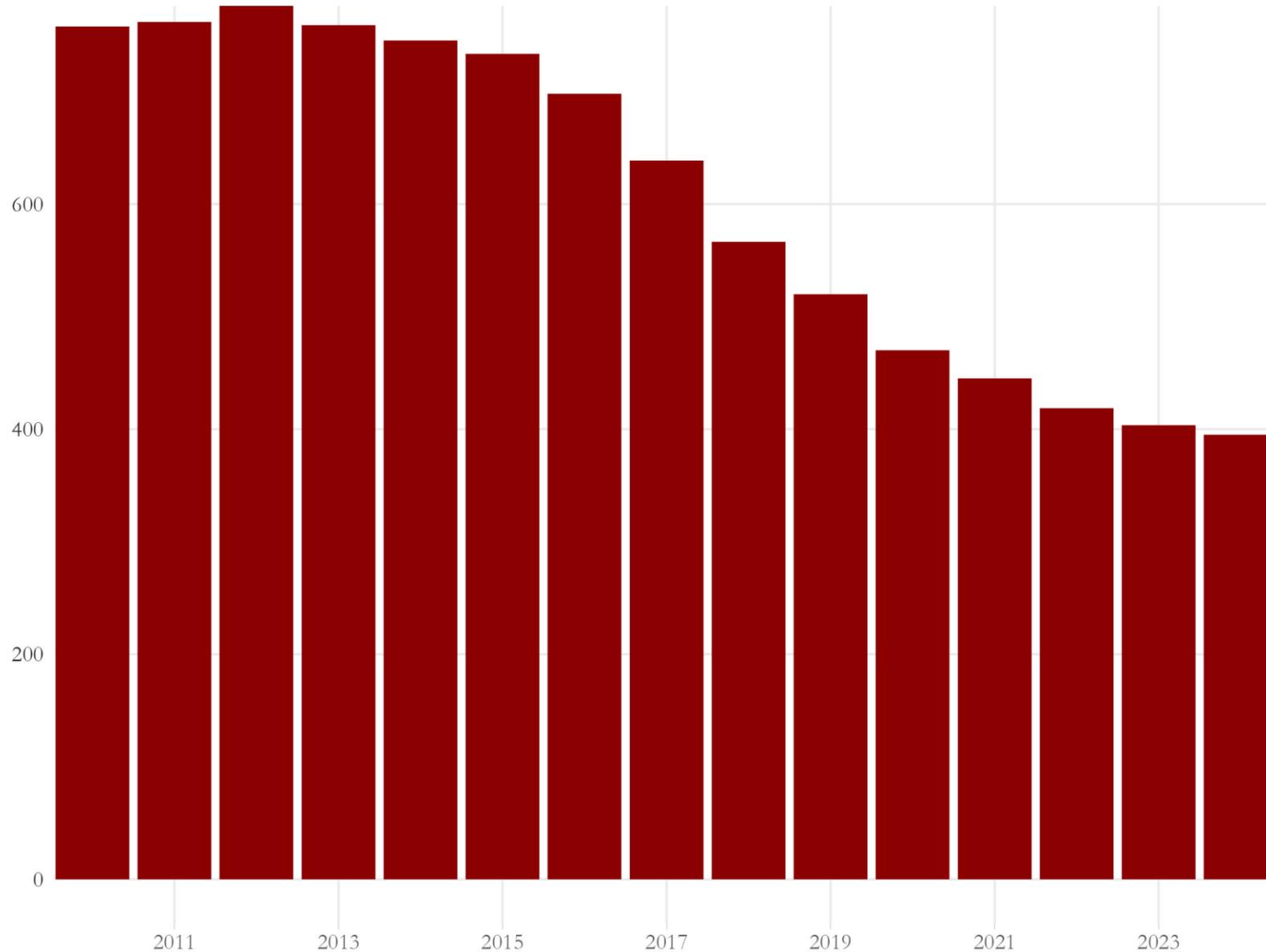


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

October, 2025

Rx Opioids (excluding Fentanyl & Buprenorphine) for Selected States 2010 - 2024

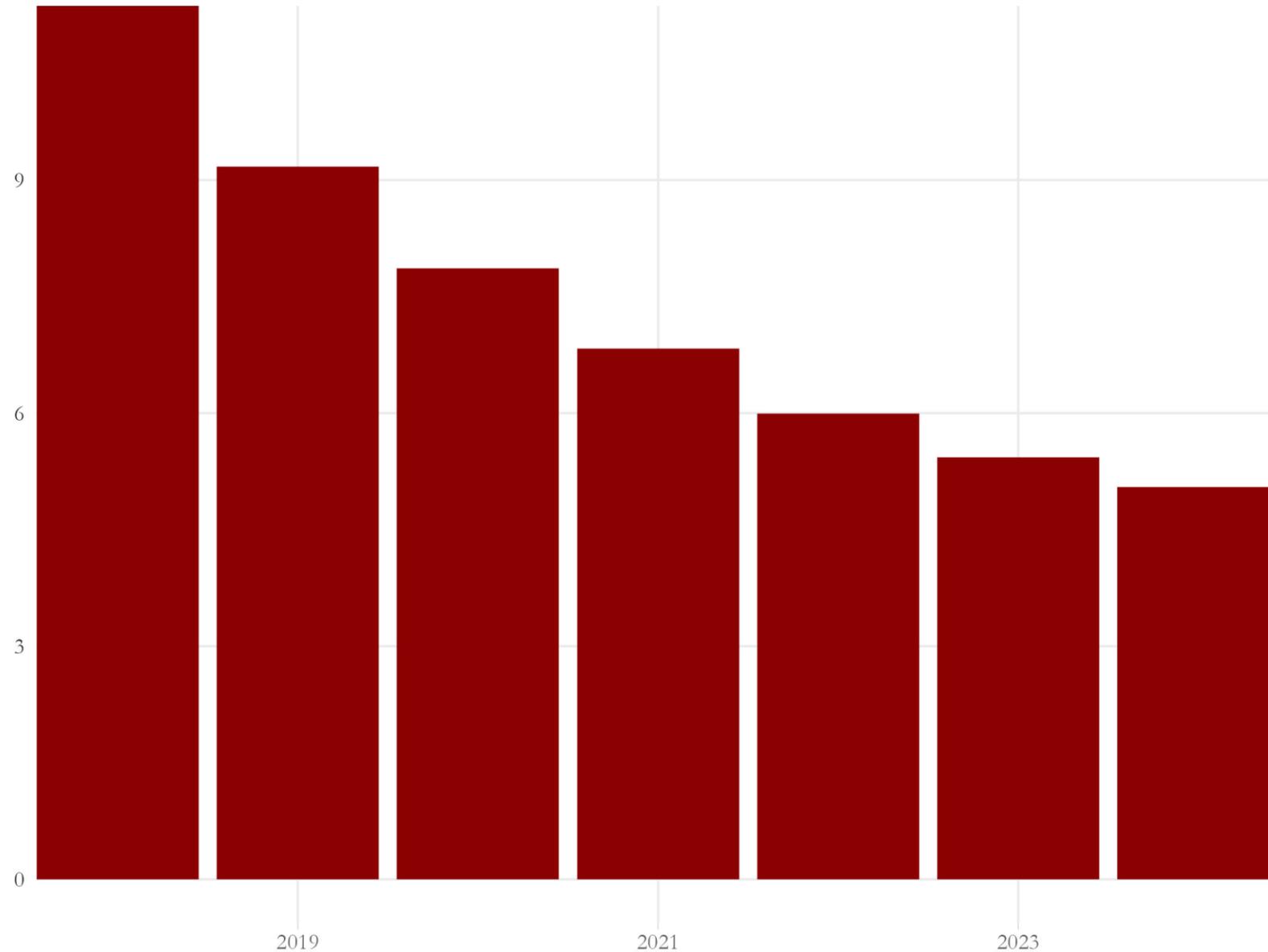


Source DTAG Pharmacy Database.

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Rx Fentanyl for Selected States 2010 - 2024

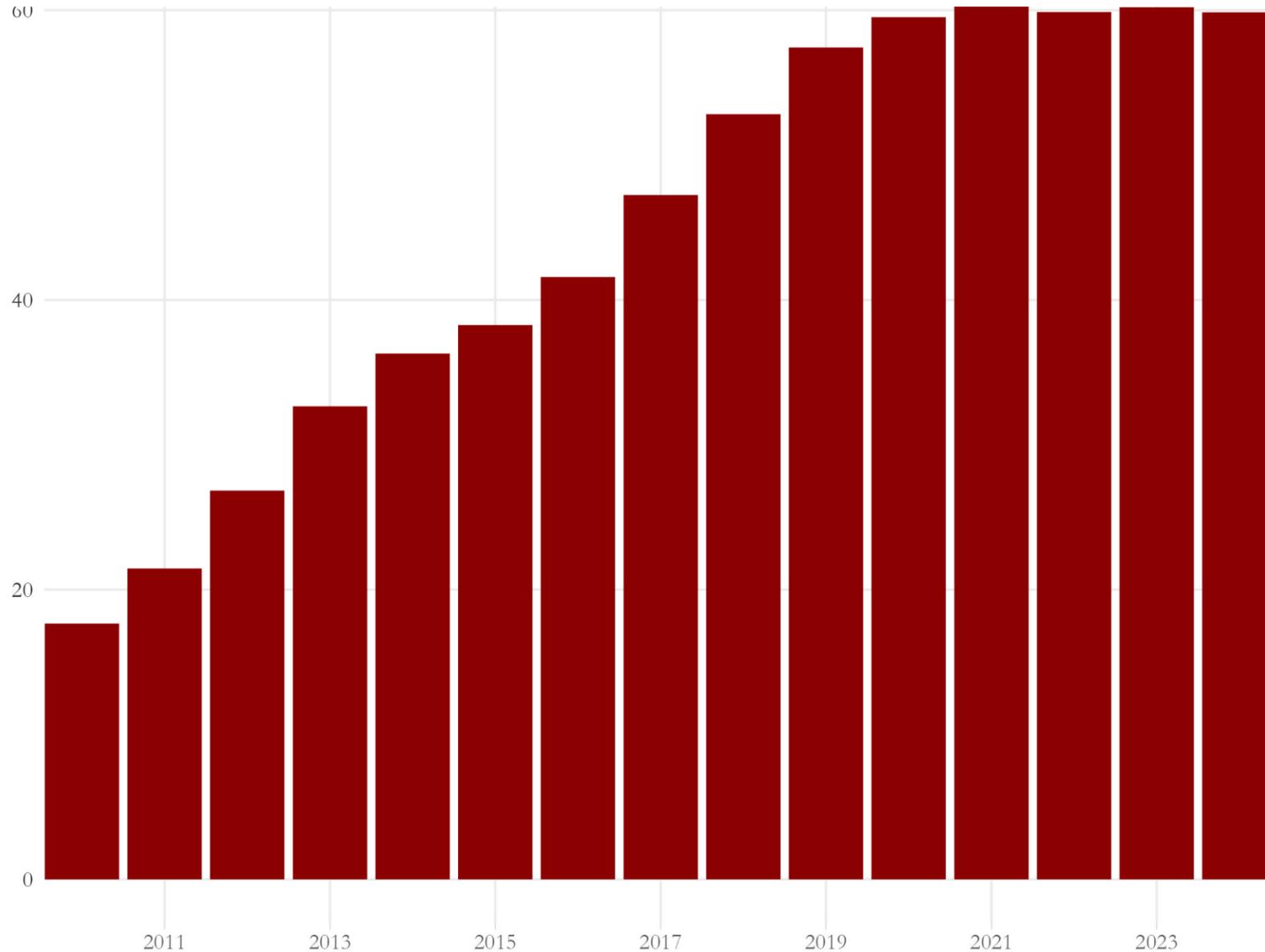


Source DTAG Pharmacy Database.

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October, 2025

Rx Buprenorphine for Selected States 2010 - 2024

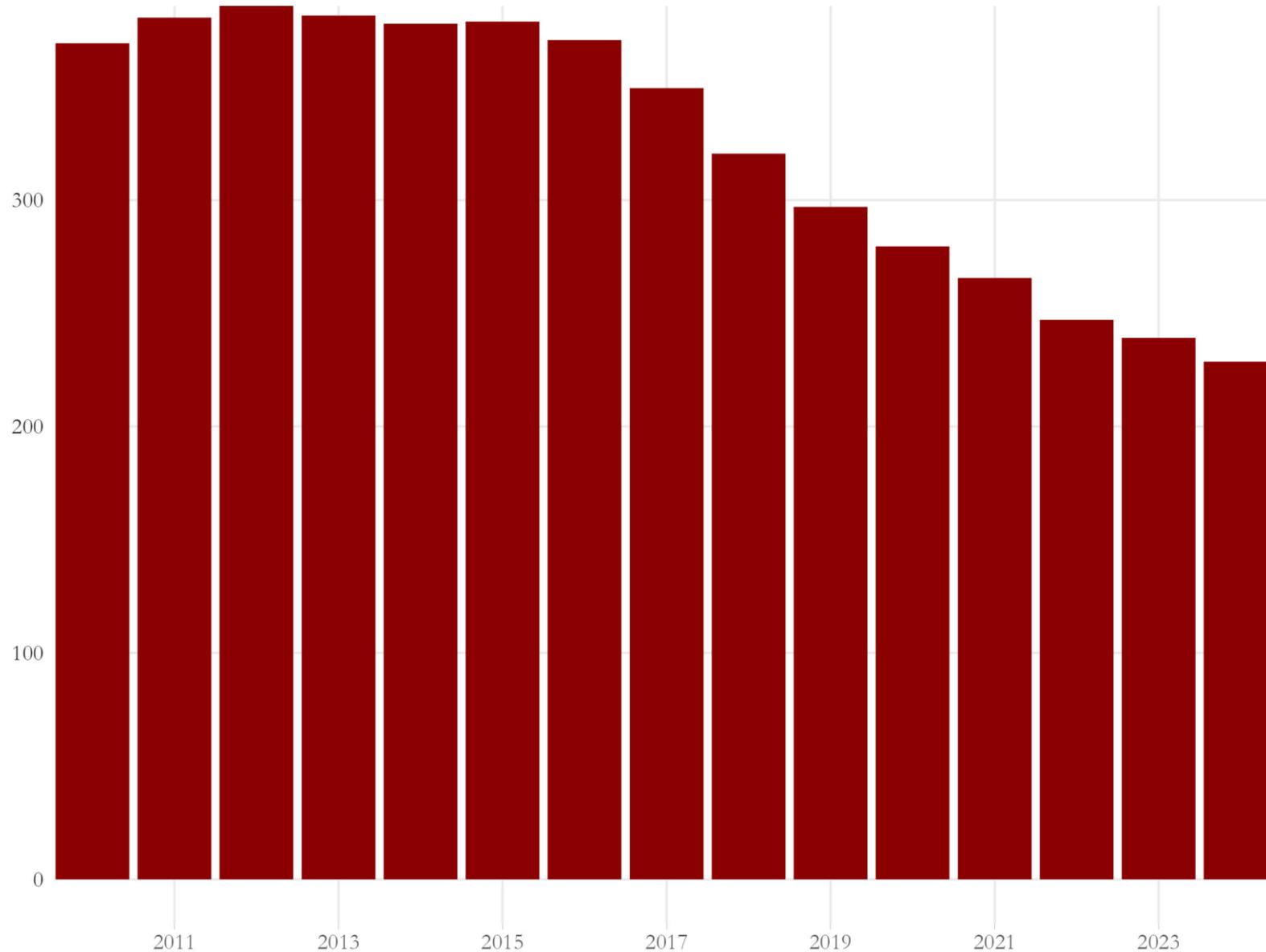


Source DTAG Pharmacy Database.

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Rx Benzodiazepines for Selected States 2010 - 2024



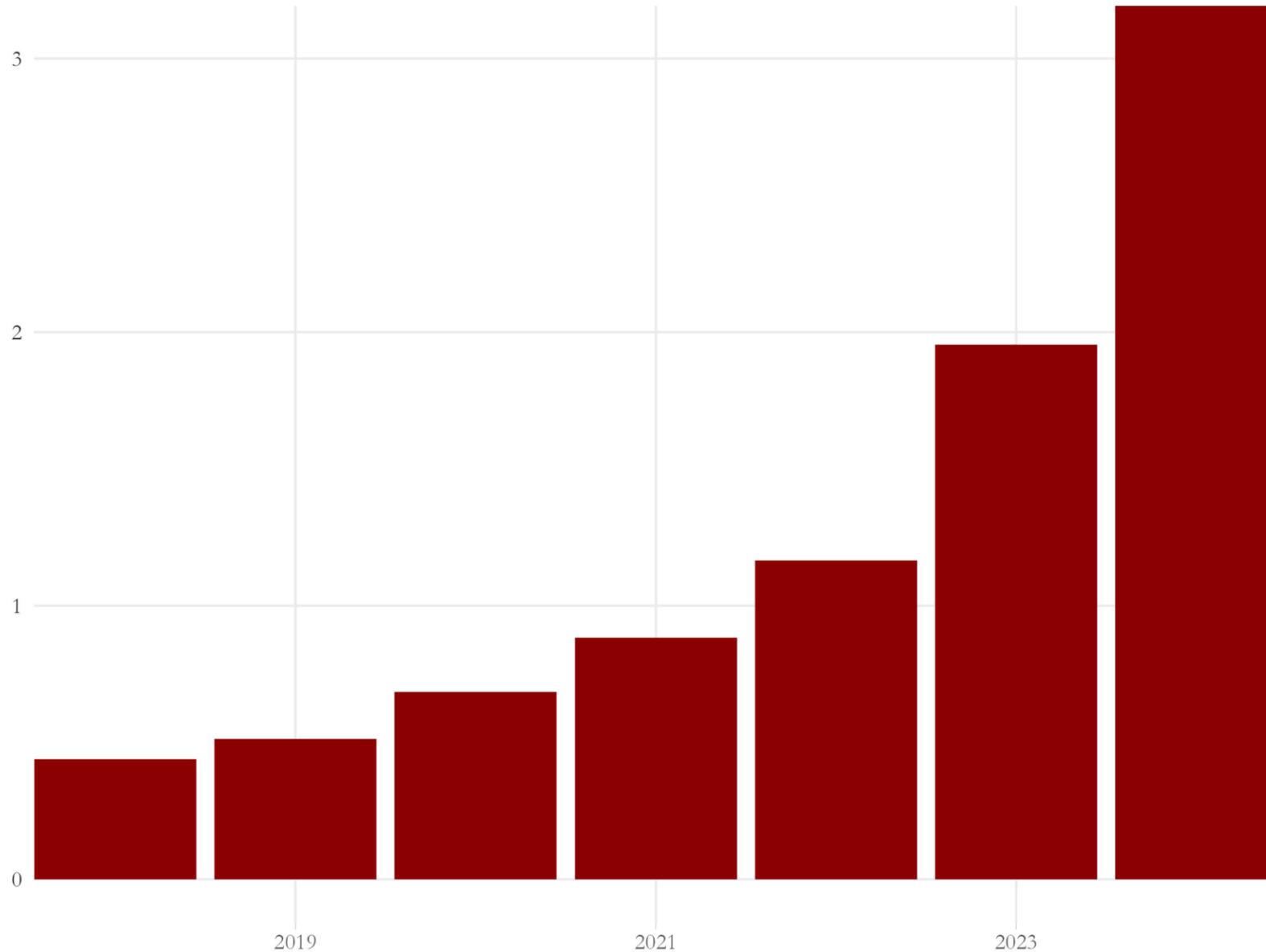
Source DTAG Pharmacy Database.

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Rx Ketamine for Selected States

2010 - 2024



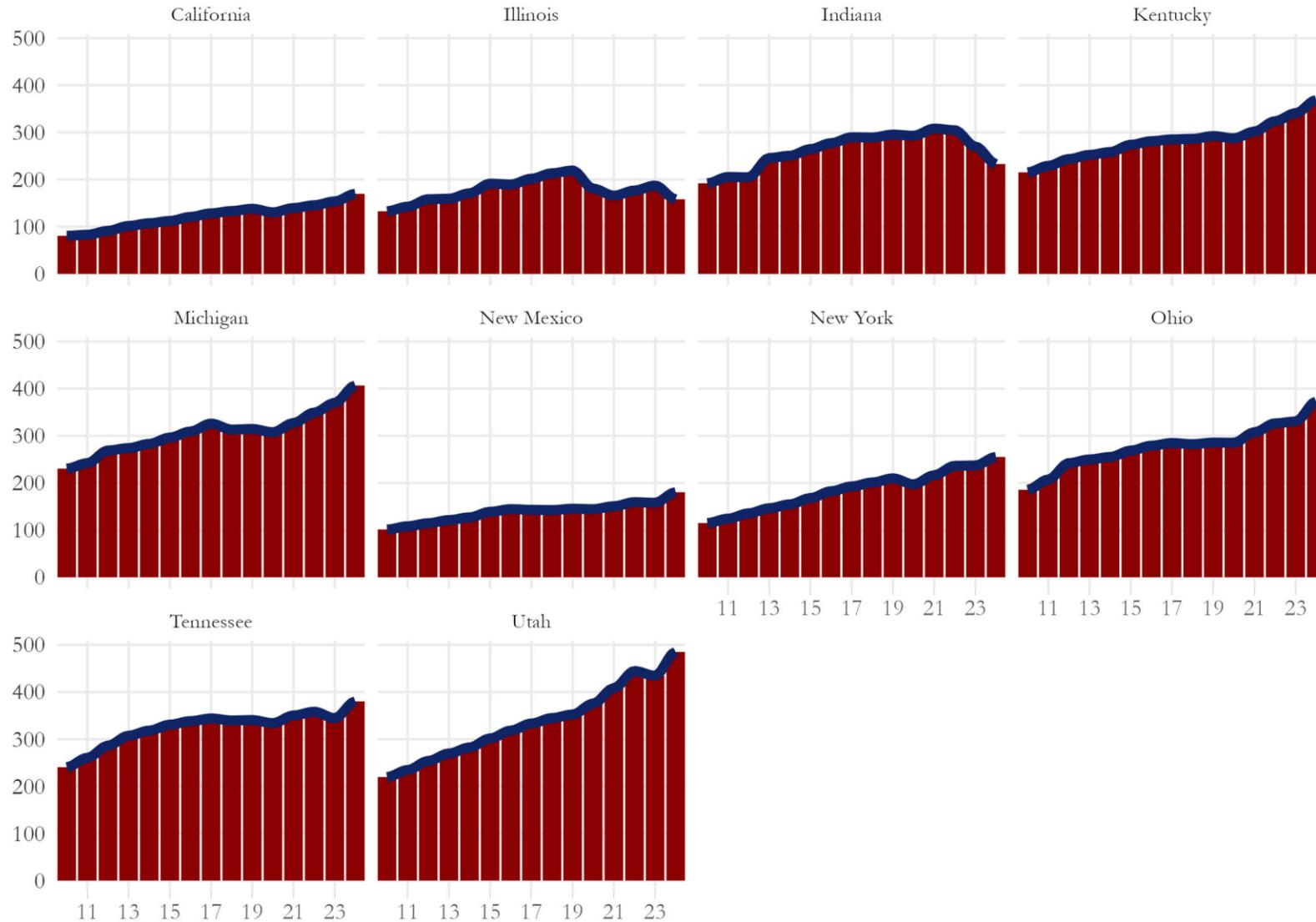
Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

October, 2025

Longitudinal Analysis of Prescribing for Each Selected State

Rx Psychostimulants for Selected States 2010 - 2024

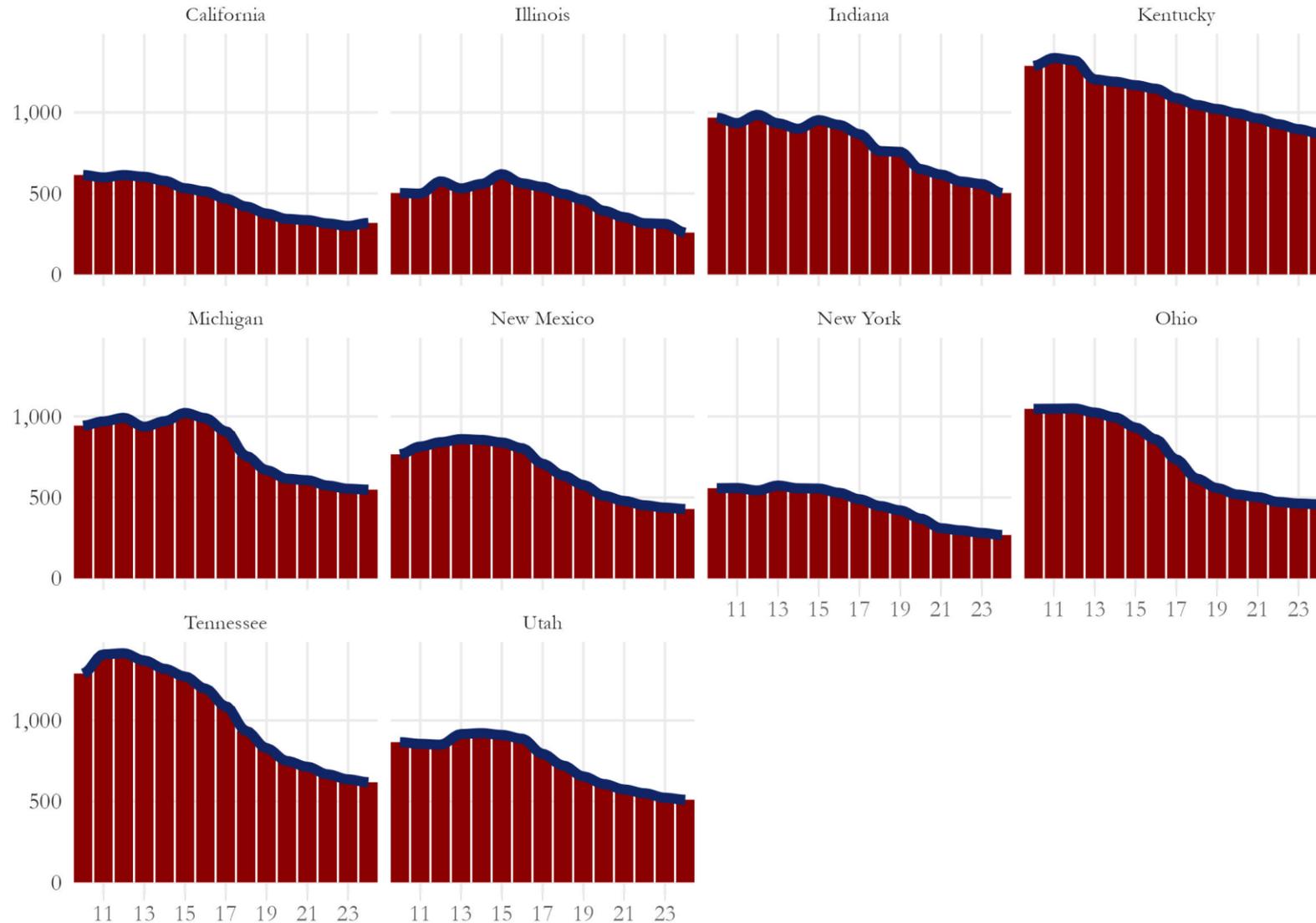


Source DTAG Pharmacy Database.

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October, 2025

Rx Opioids (excluding Fentanyl & Buprenorphine) for Selected States 2010 - 2024

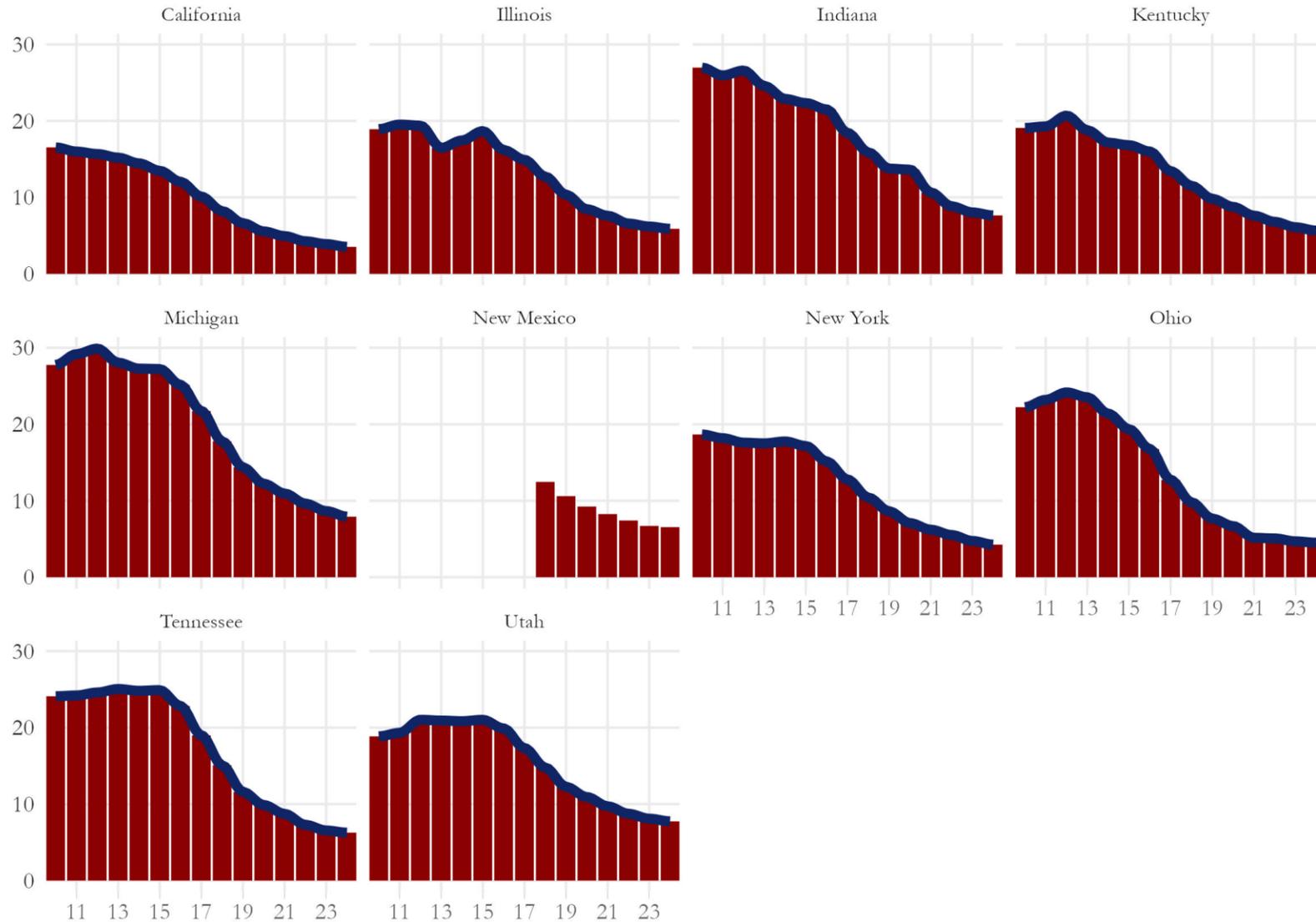


Source DTAG Pharmacy Database.

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Rx Fentanyl for Selected States 2010 - 2024

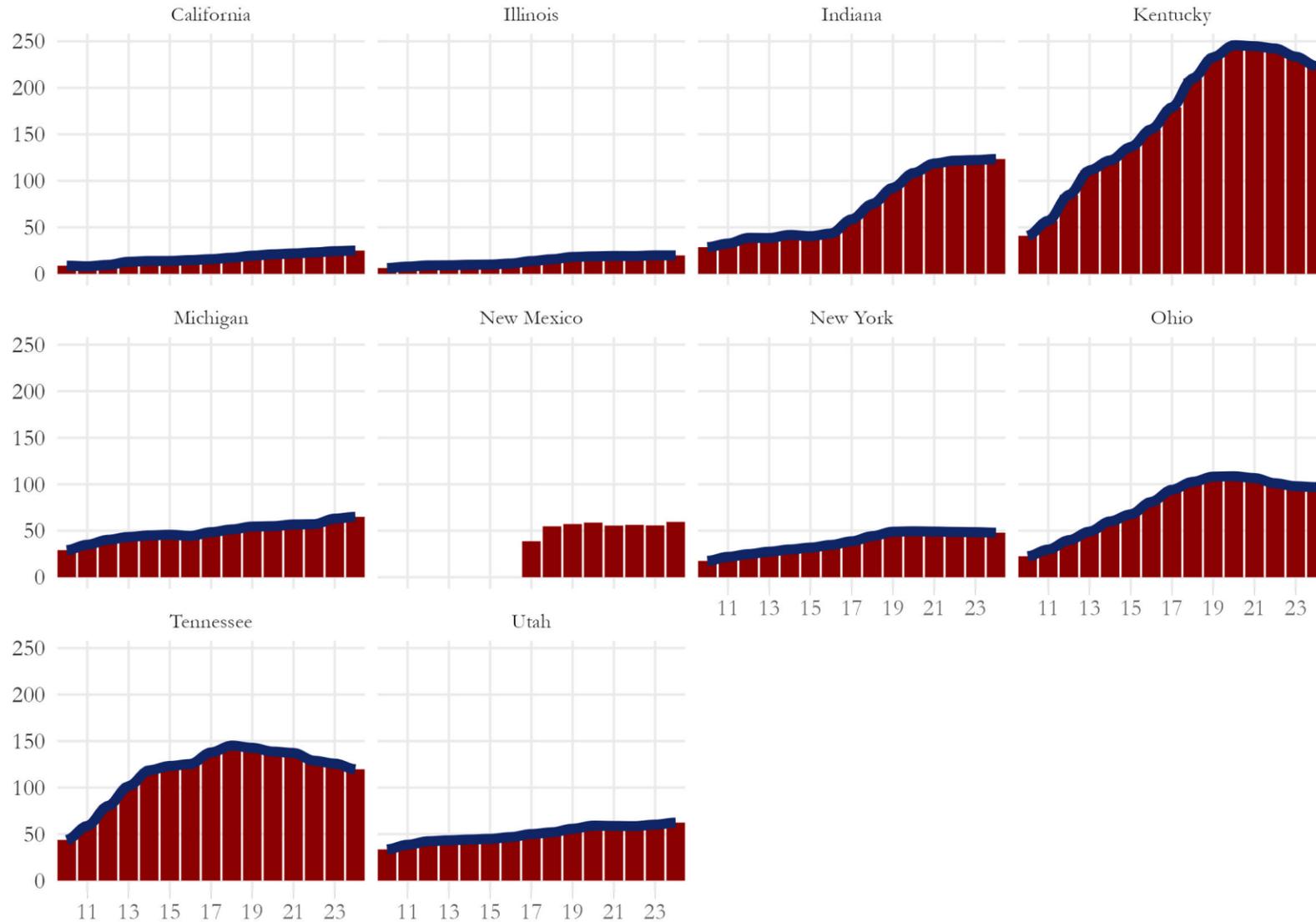


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Rx Buprenorphine for Selected States 2010 - 2024

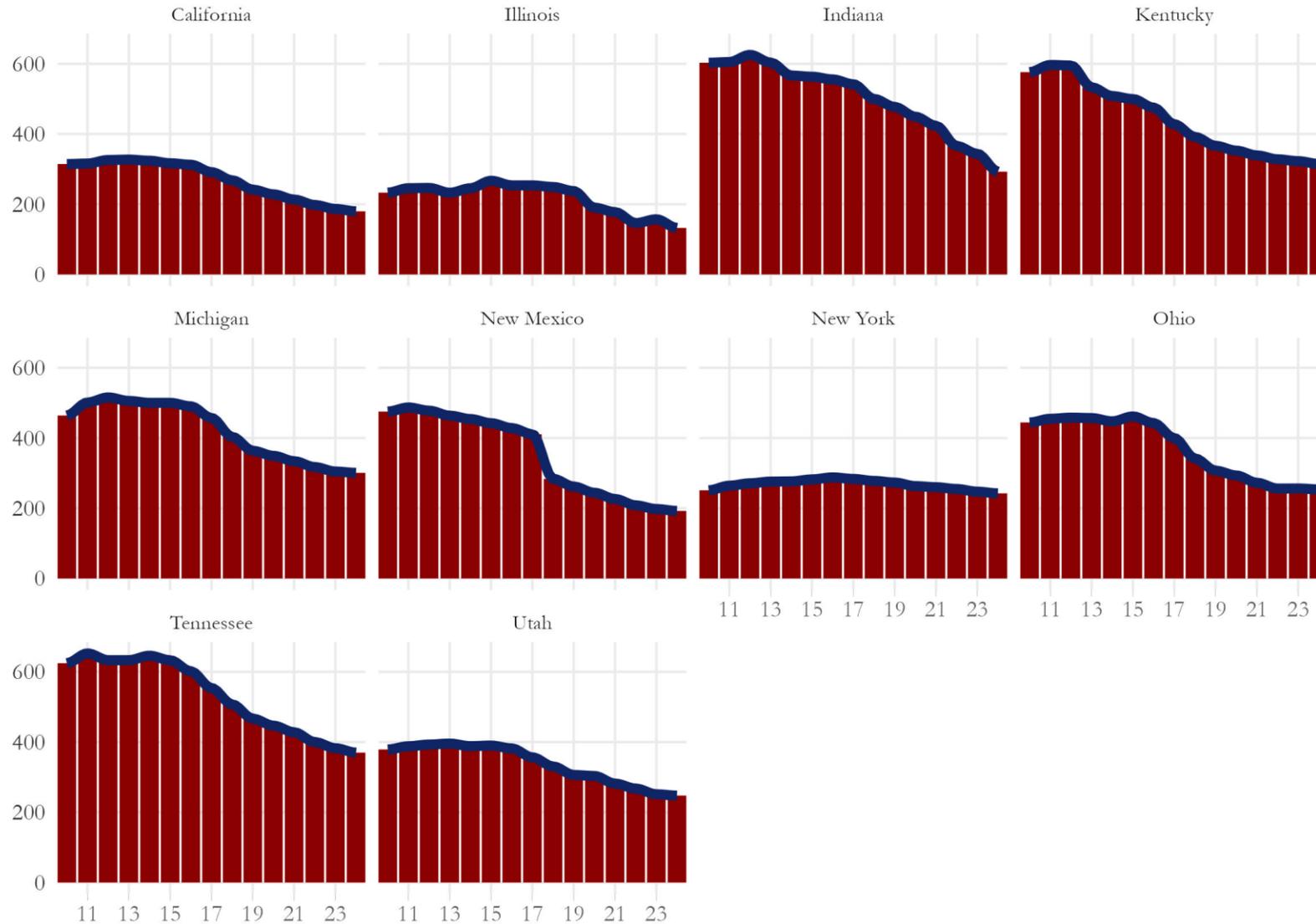


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Rx Benzodiazepines for Selected States 2010 - 2024

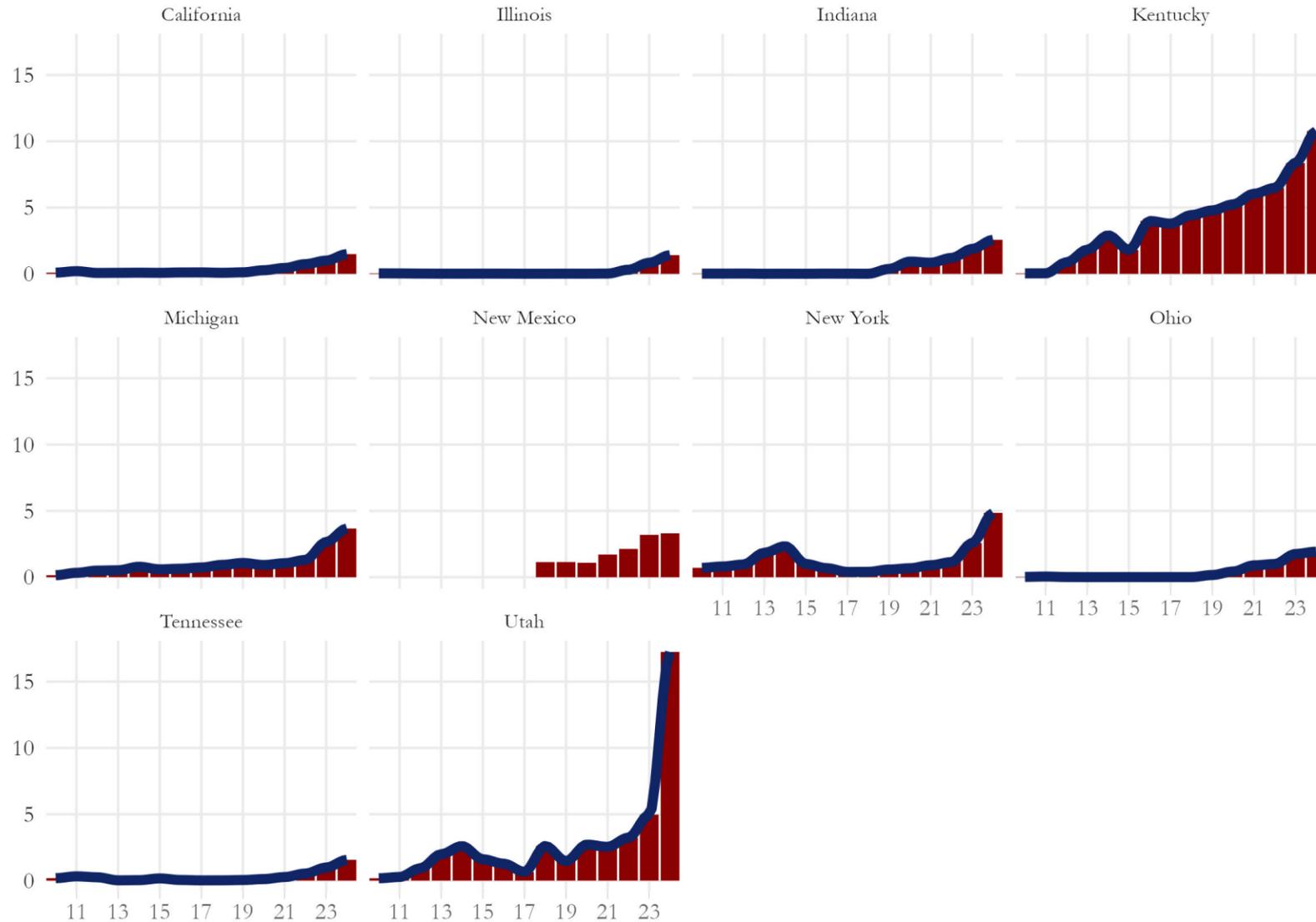


Source DTAG Pharmacy Database.

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Rx Ketamine for Selected States 2010 - 2024



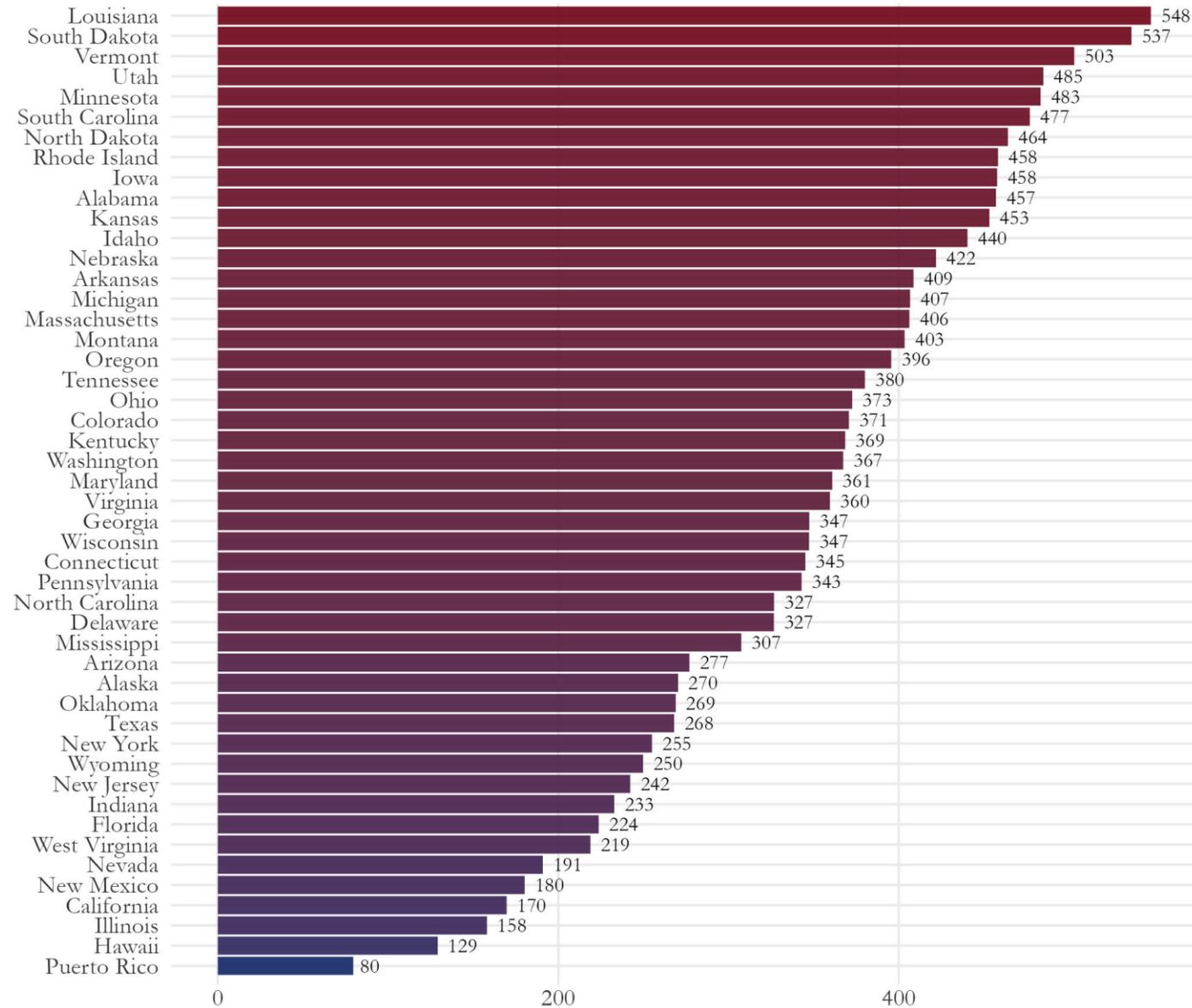
Source DTAG Pharmacy Database.

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October, 2025

Cross-Sectional Analysis of Prescribing By State

Rx Psychostimulant Prescribing Rates per 1,000 Population - 2024

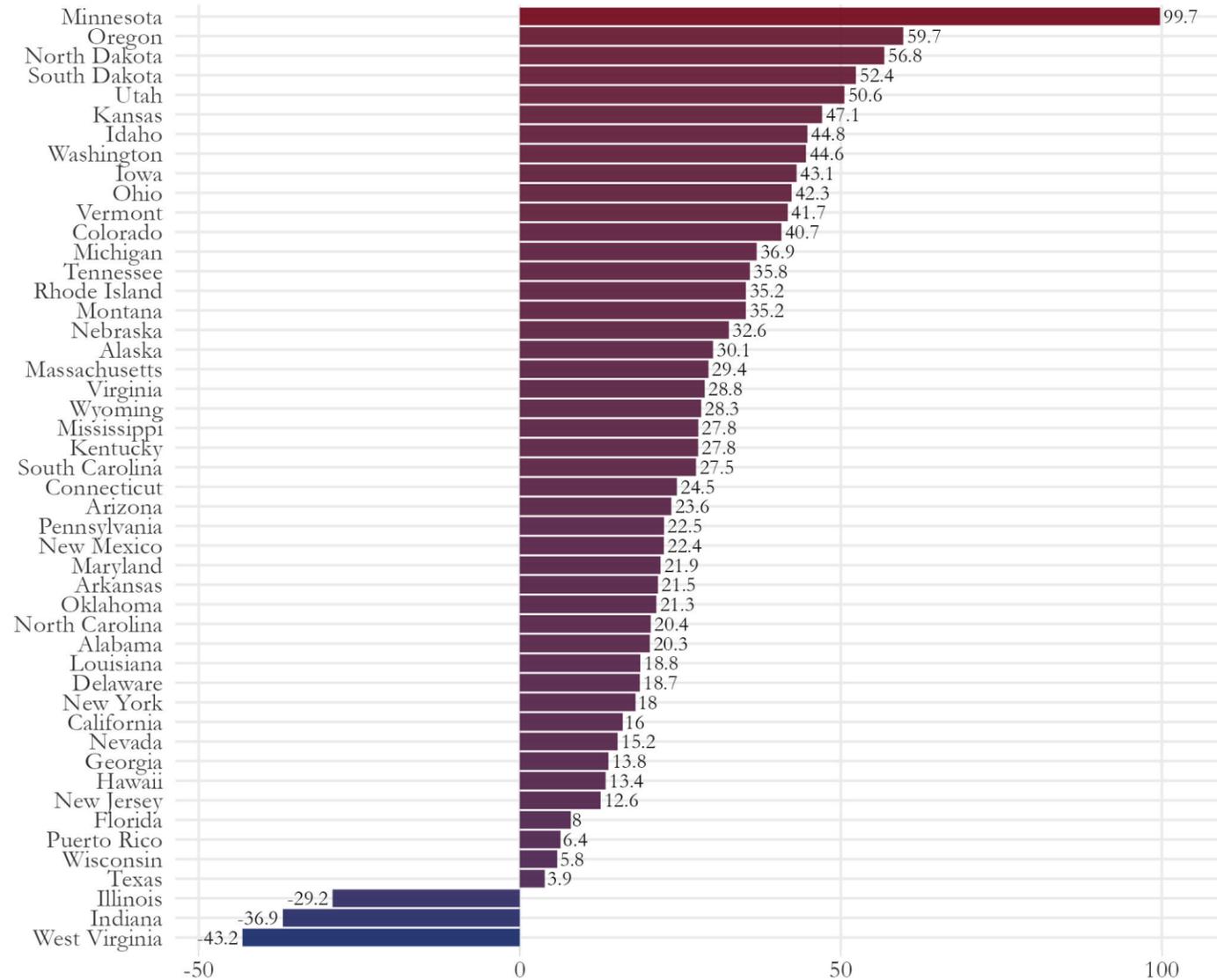


Source DTAG Pharmacy Database.

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Difference in Rx Psychostimulant Prescribing Rates for Years 2023 & 2024

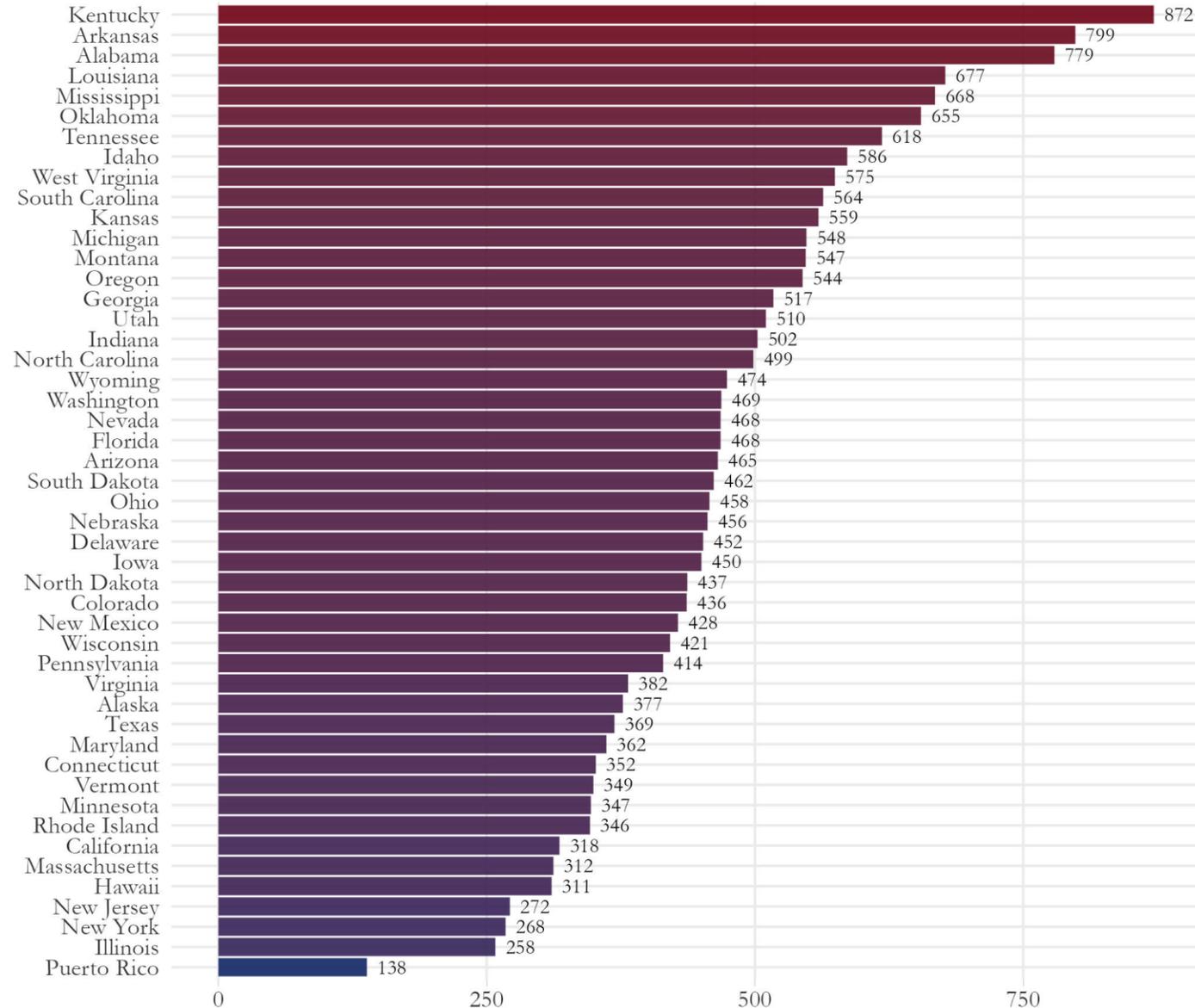


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Rx Opioid Prescribing Rates per 1,000 Population (excluding Fentanyl & Buprenorphine) - 2024

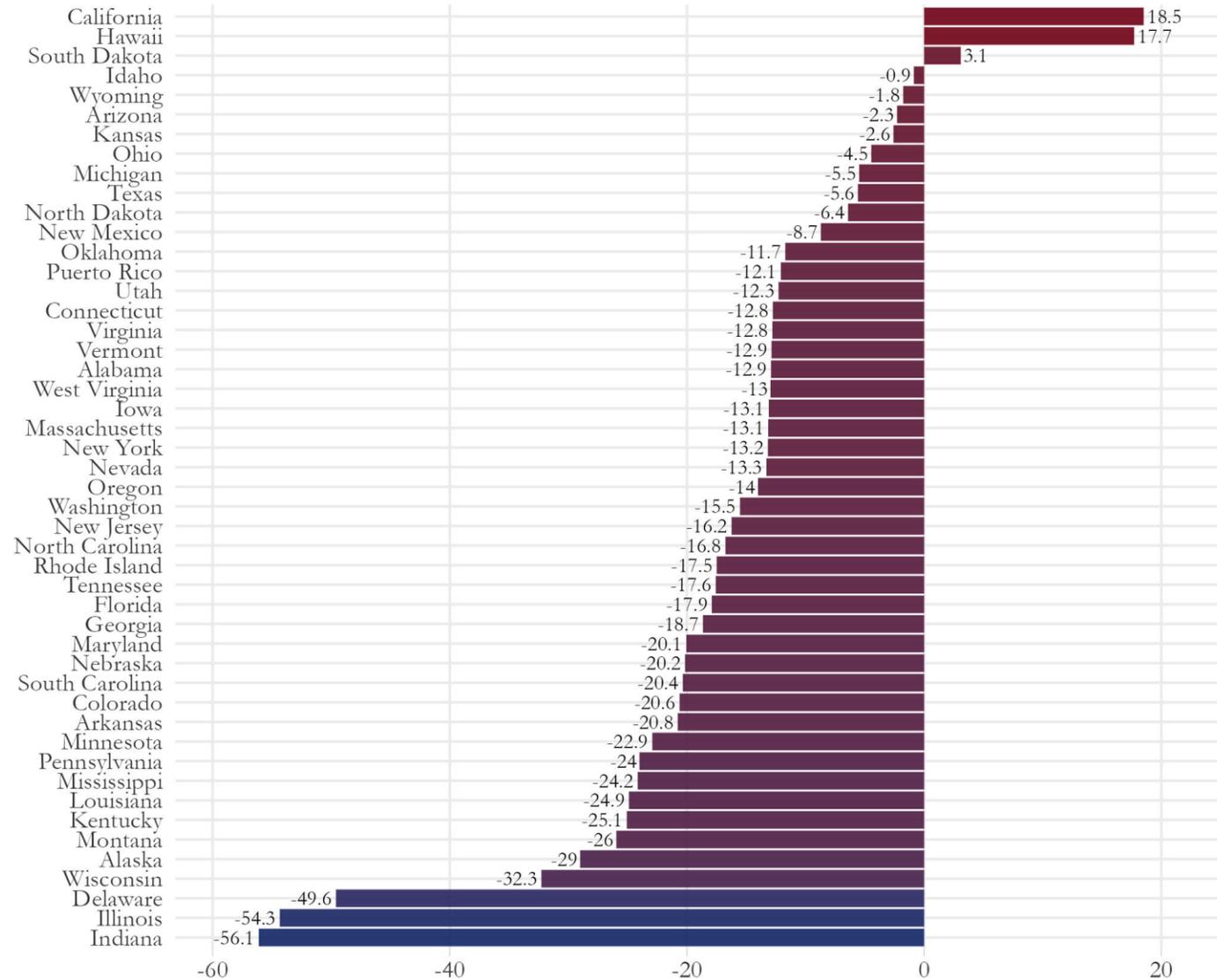


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

October, 2025

Difference in Rx Opioid Prescribing Rates (excluding Fentanyl & Buprenorphine) for Years 2023 & 2024

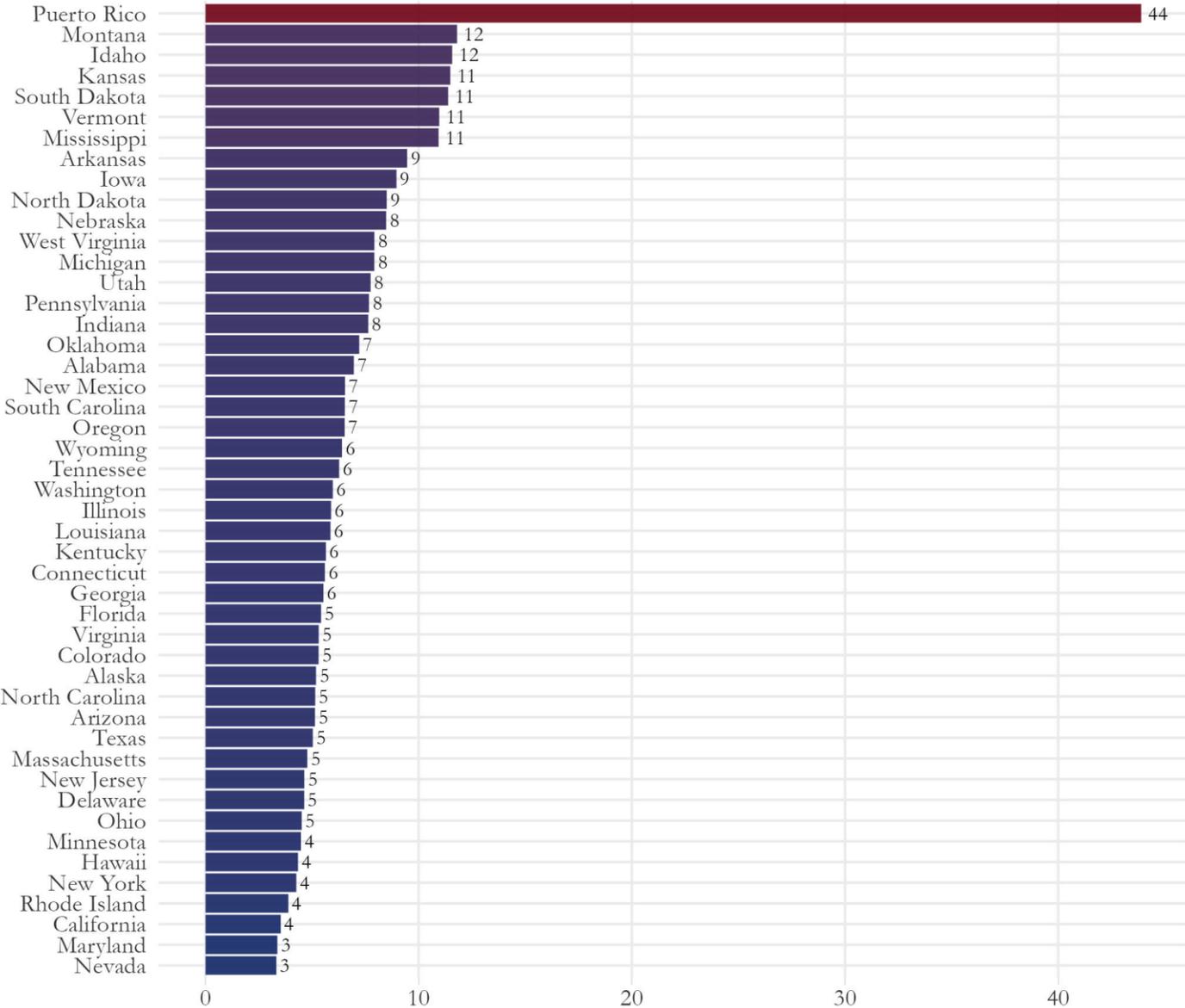


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Rx Fentanyl Prescribing Rates per 1,000 Population - 2024

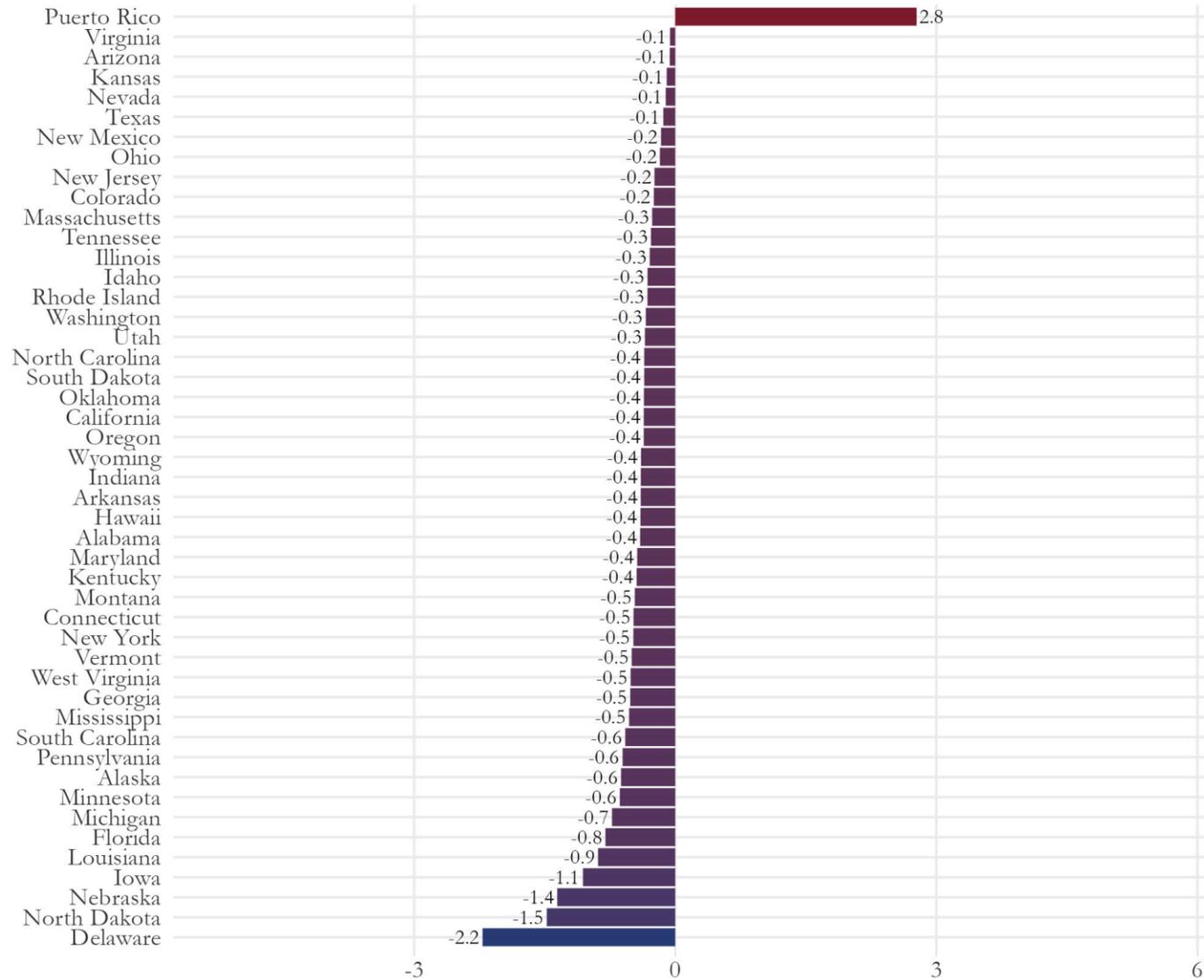


Source DTAG Pharmacy Database.

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Difference in Rx Fentanyl Prescribing Rates for Years 2023 & 2024

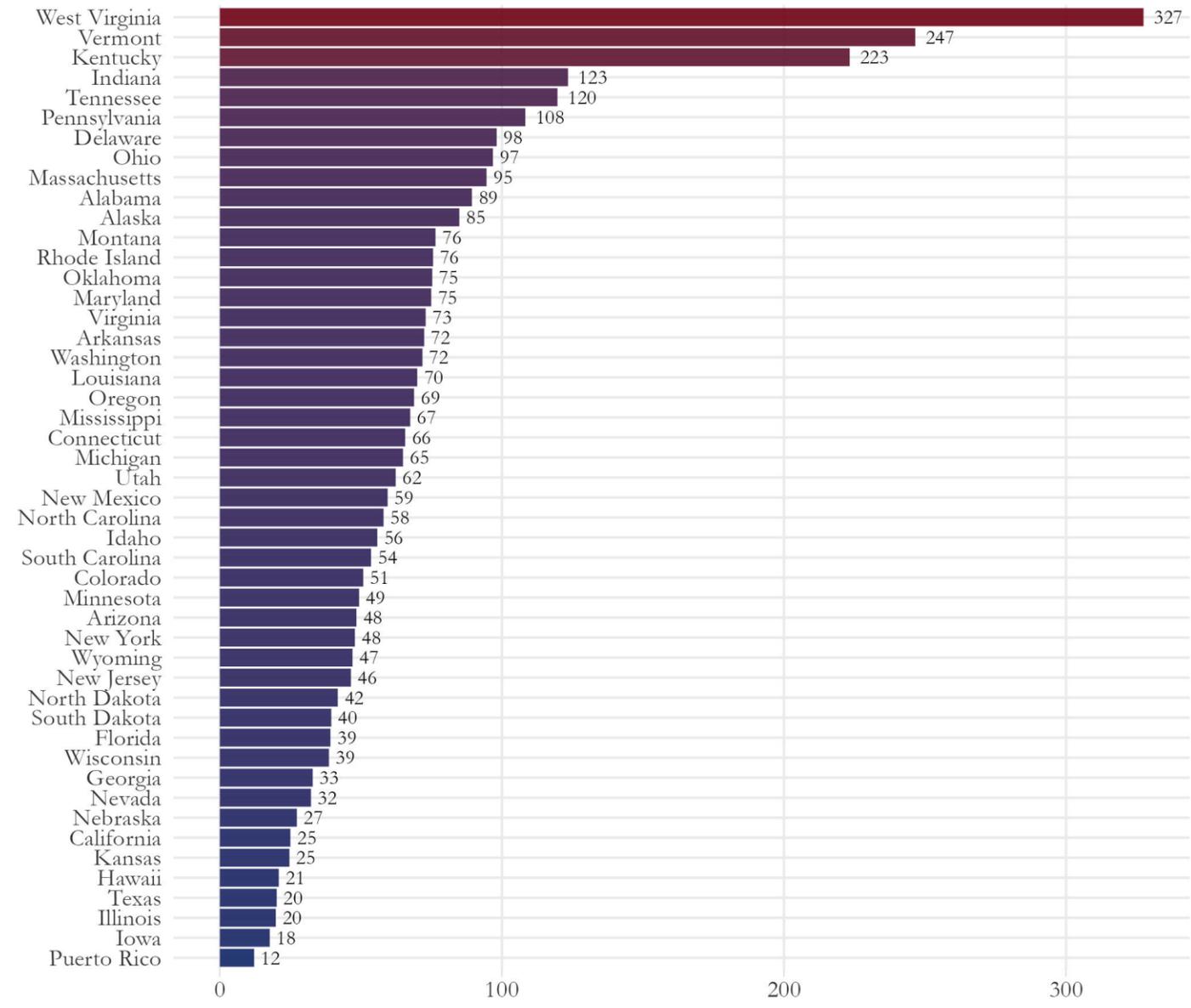


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Rx Buprenorphine Prescribing Rates per 1,000 Population - 2024

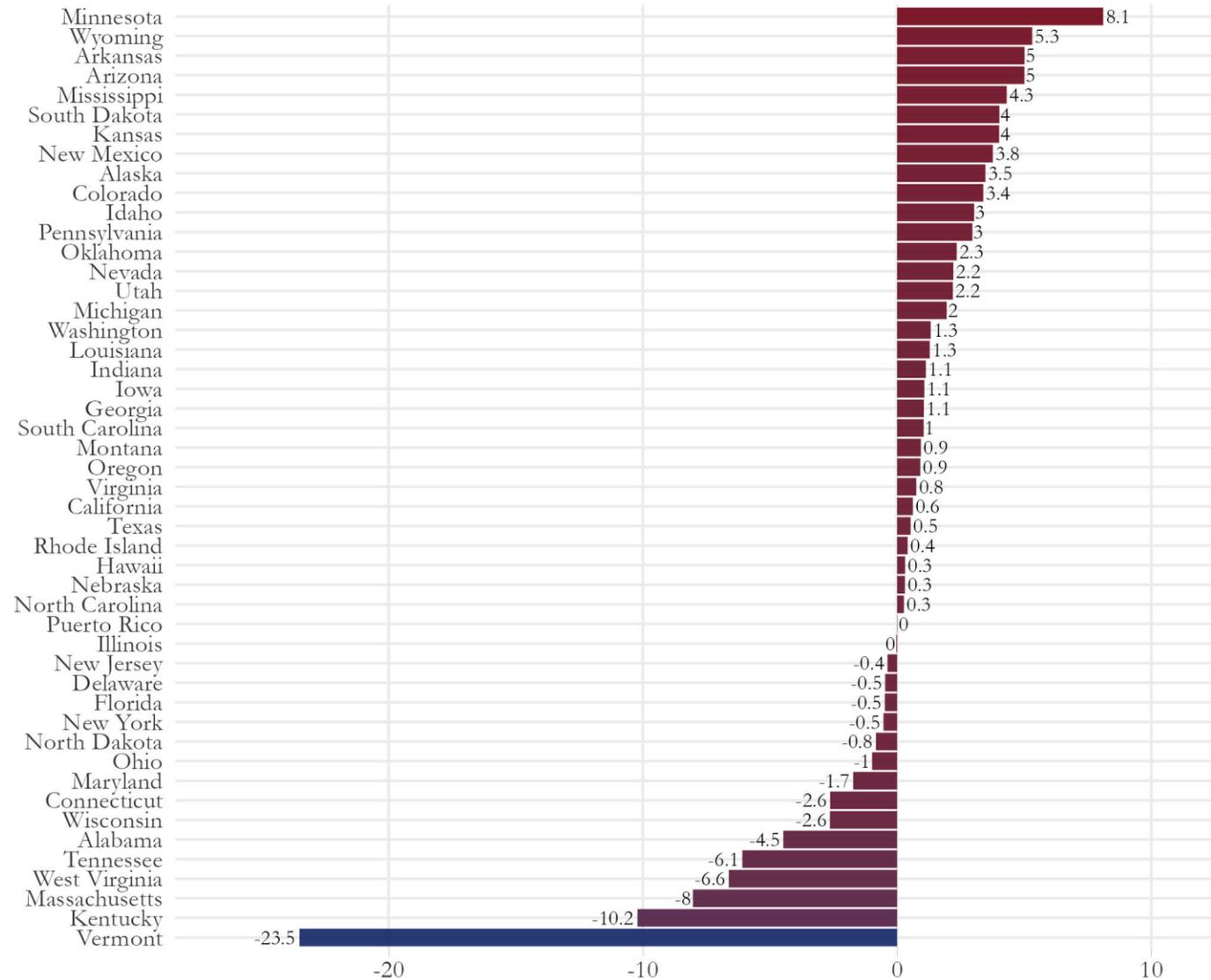


Source DTAG Pharmacy Database.

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Difference in Rx Buprenorphine Prescribing Rates for Years 2023 & 2024

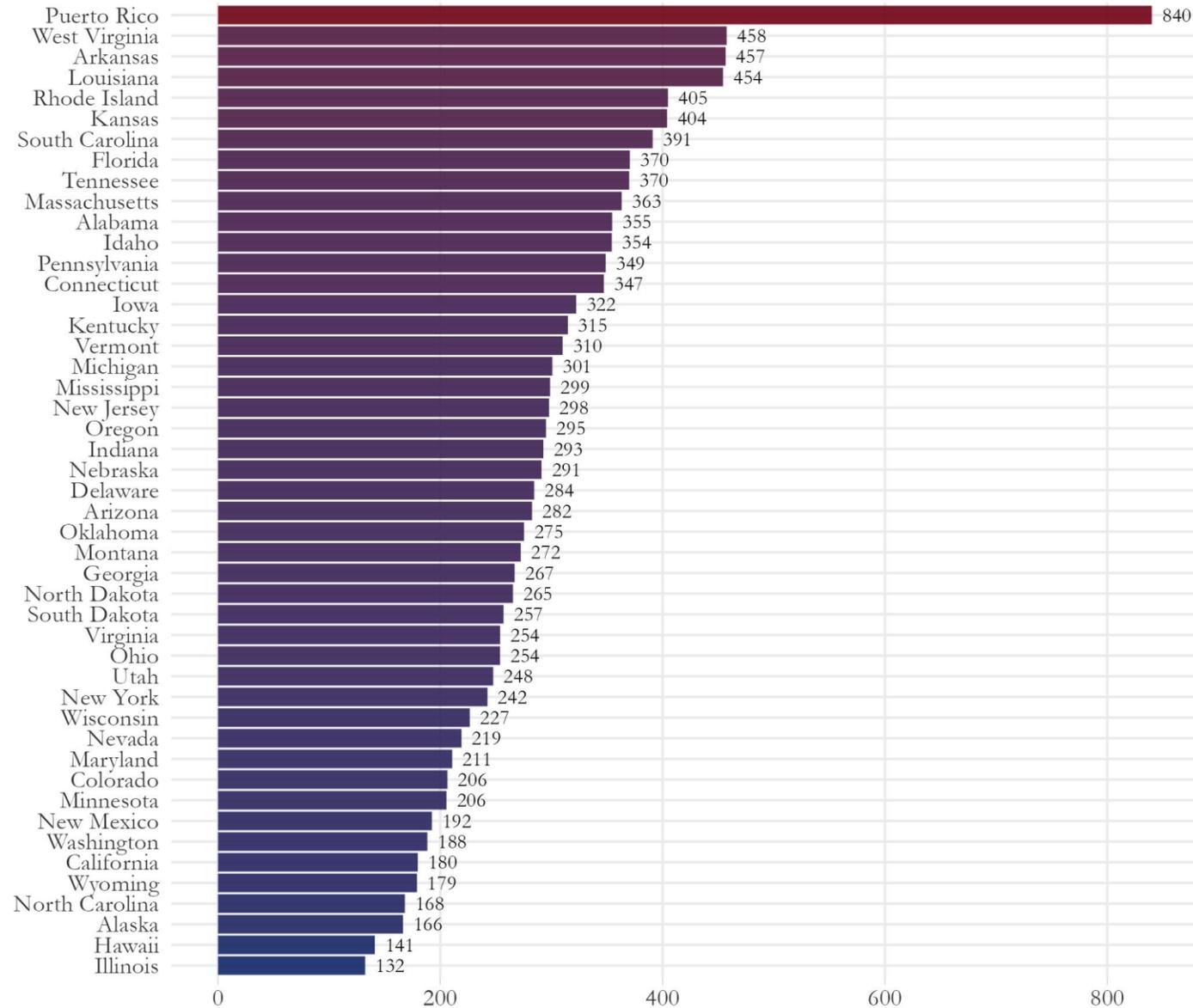


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Rx Benzodiazepine Prescribing Rates per 1,000 Population - 2024

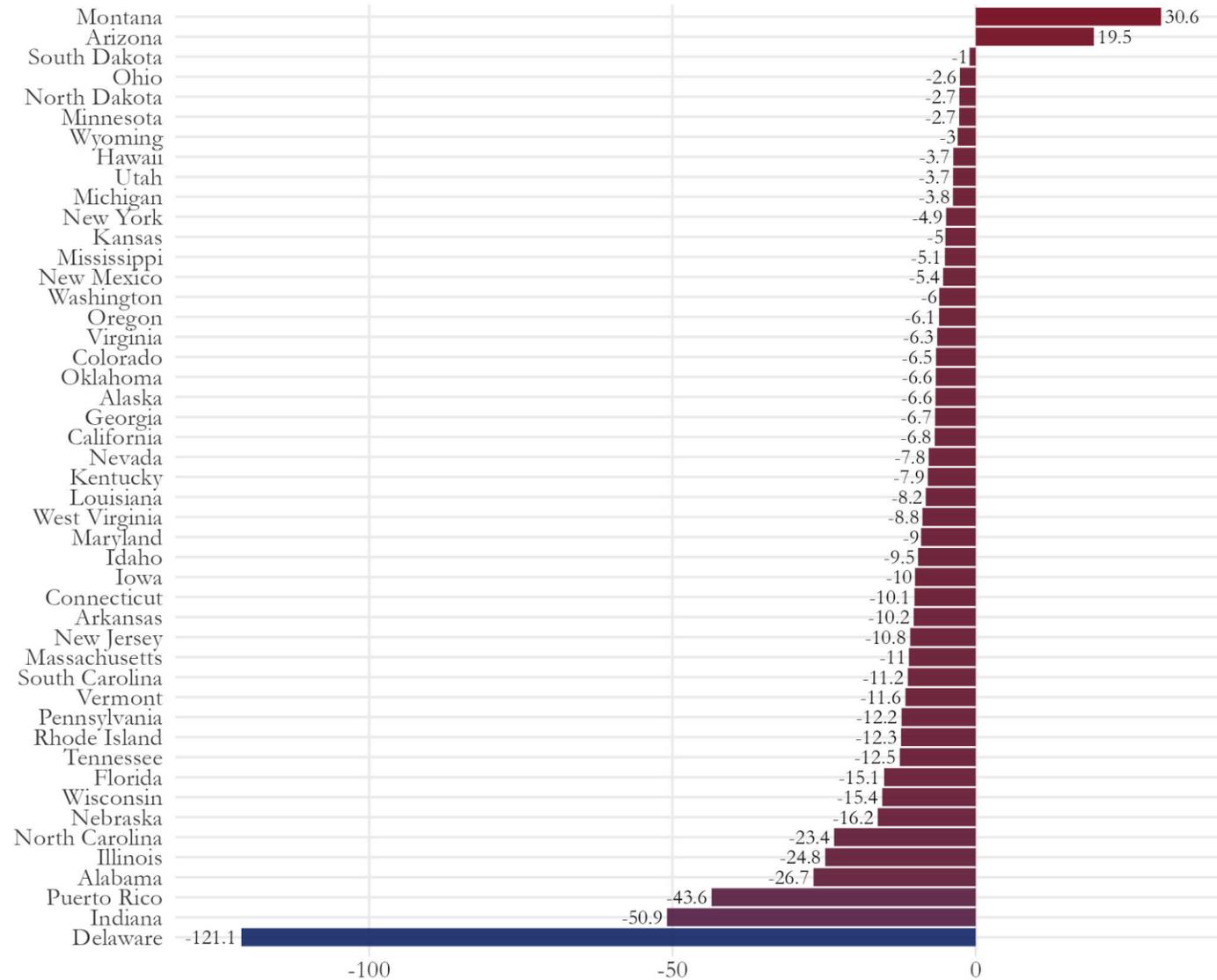


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Difference in Rx Benzodiazepine Prescribing Rates for Years 2023 & 2024

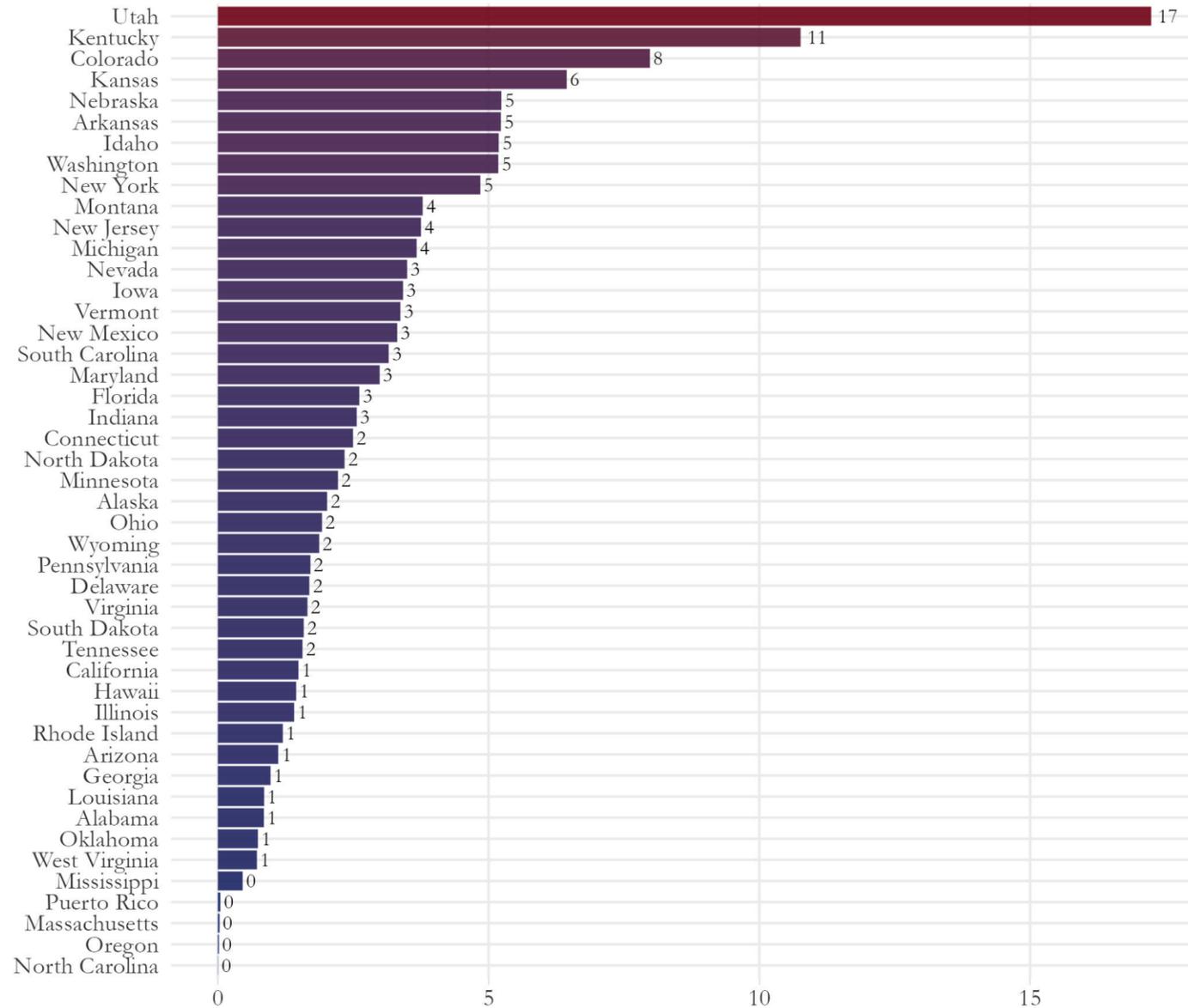


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Rx Ketamine Prescribing Rates per 1,000 Population - 2024

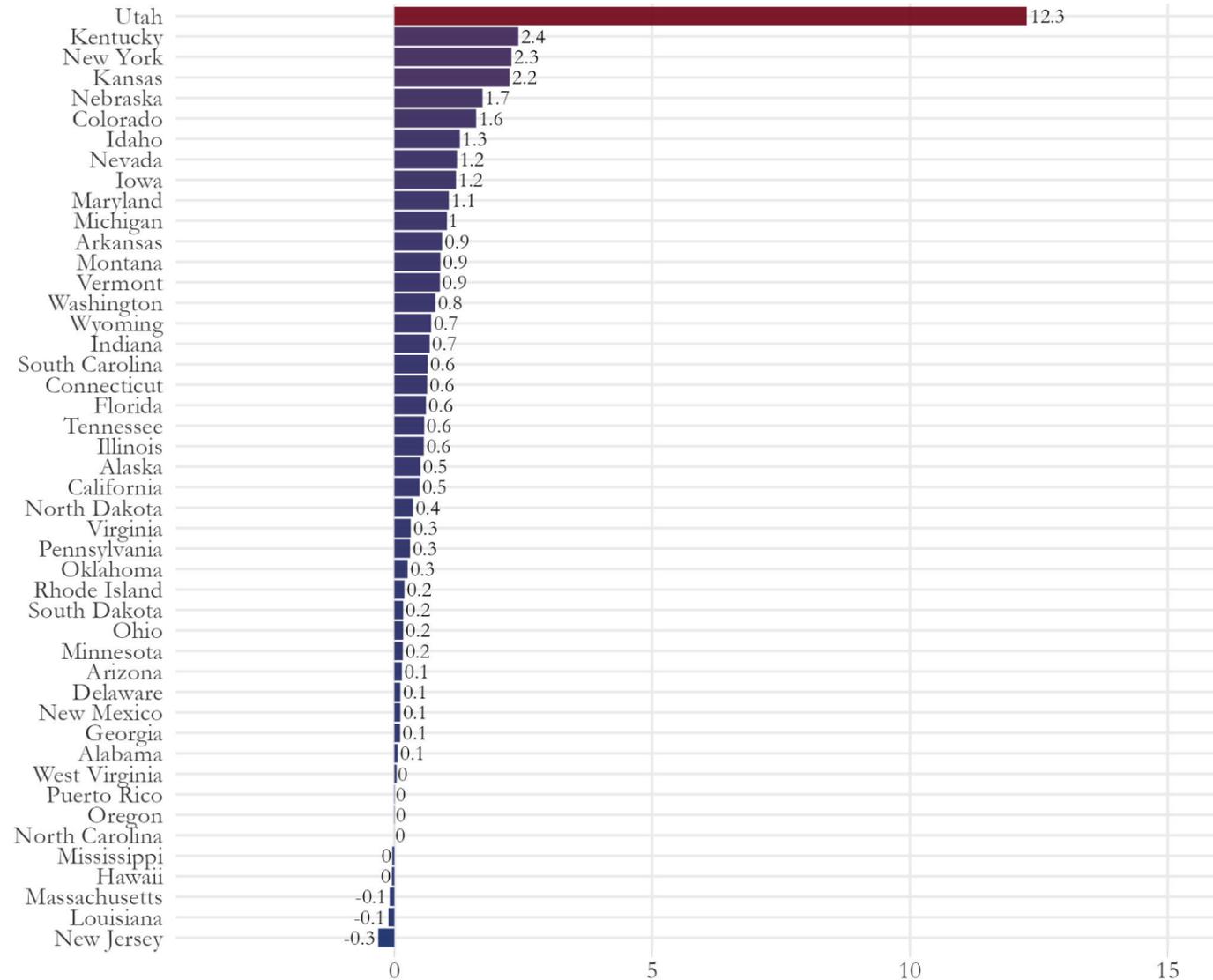


Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Difference in Rx Ketamine Prescribing Rates for Years 2023 & 2024



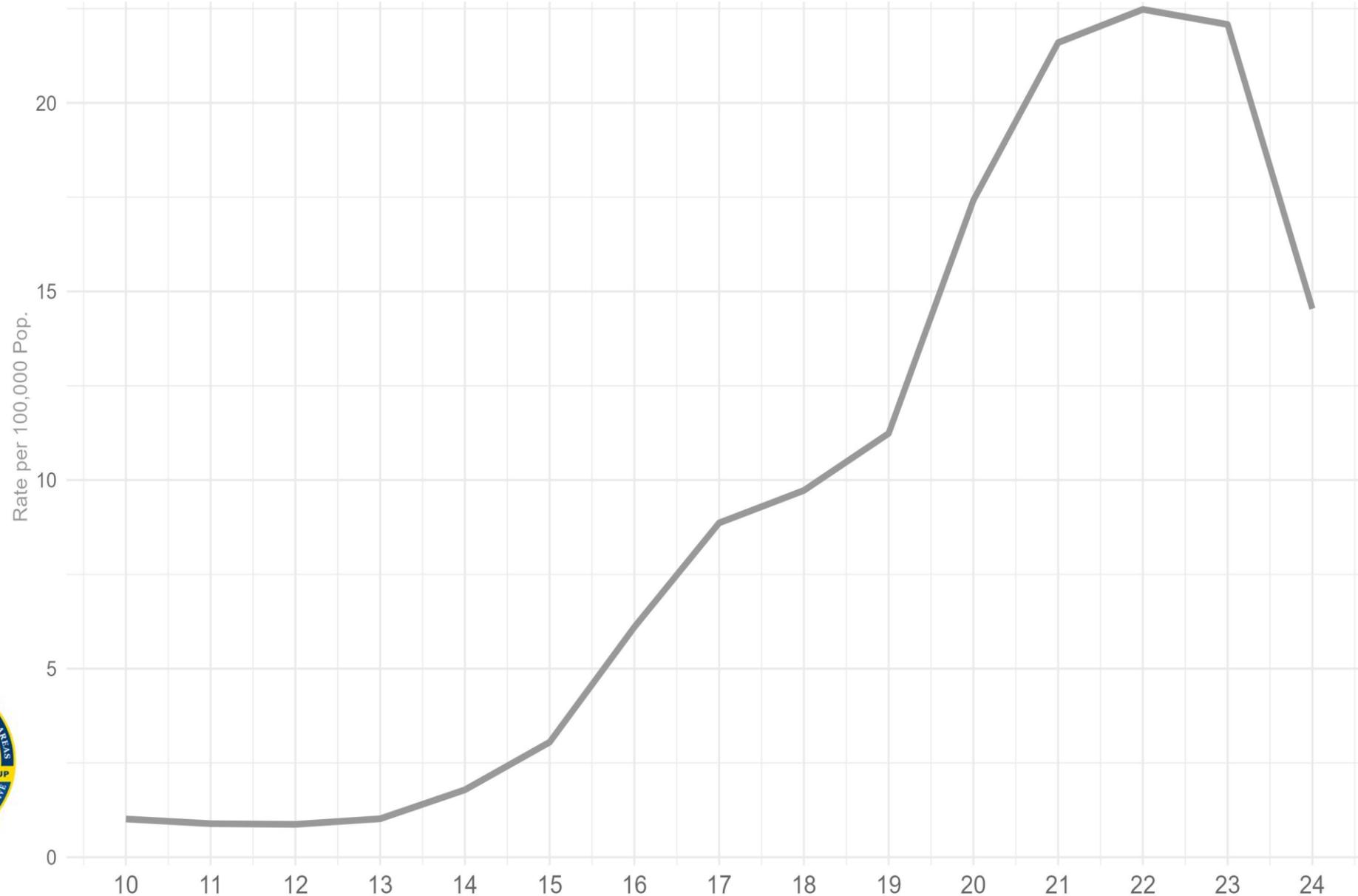
Source DTAG Pharmacy Database.

Prepared by the Drug Threat Analysis Group.

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Graphs Comparing Prescribing Rates to Overdose Death Rates

U.S. Fentanyl Death Rate per 100,000 Population 2010 - 2024



*Gray line is Overdose
Death Rate.*

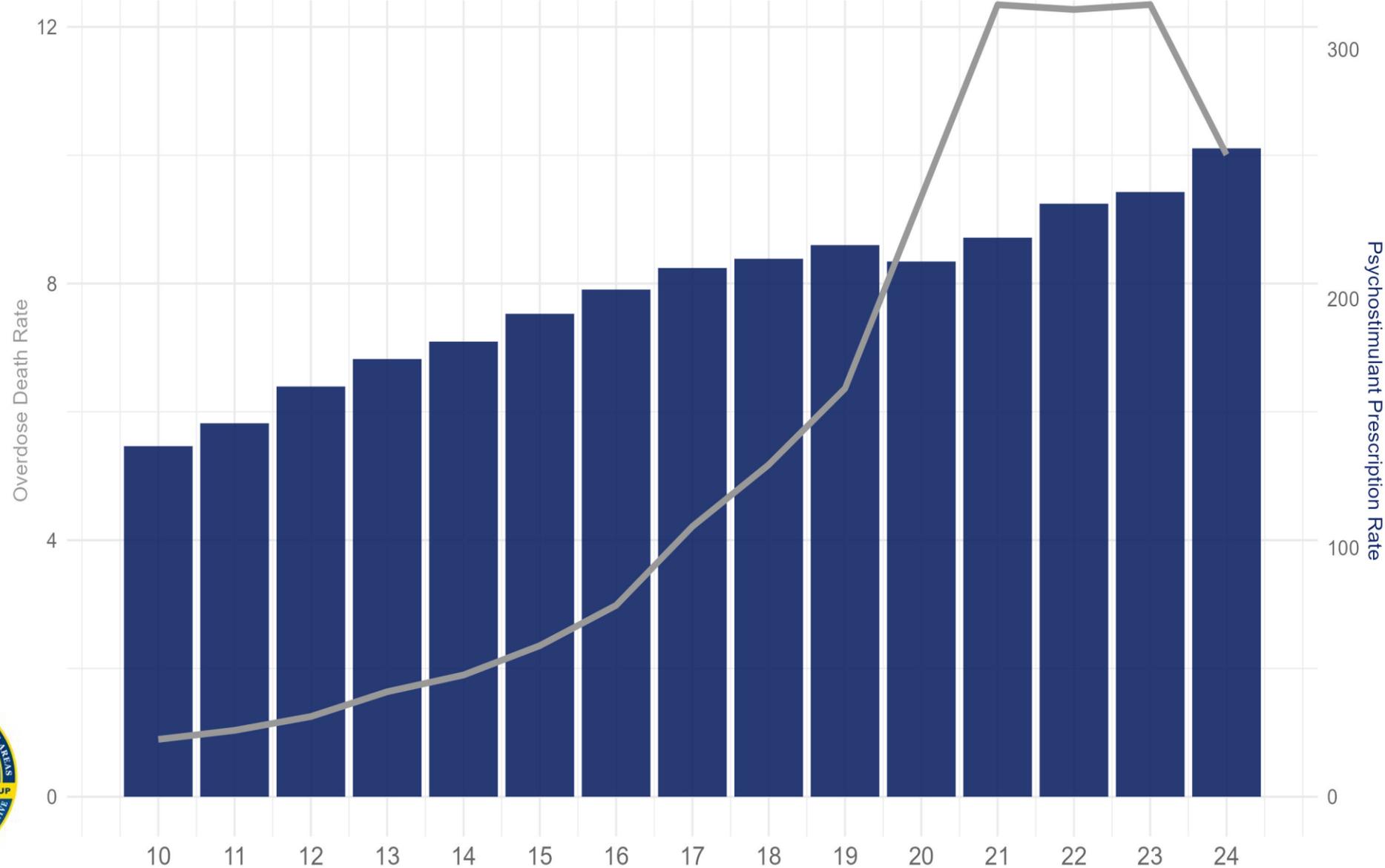
*Sources:
CDC Wonder
Multiple
Cause of Death
File, 1999 - 2024.*

*Prepared by the Drug
Threat Analysis
Group.*

October, 2025



Psychostimulant Death Rate per 100,000 Population and Rx Psychostimulant Rate per 1,000, Selected States, 2010 - 2024



All Psychostimulant Overdose Death rate compared to Rx Psychostimulant rate

Gray line is Overdose Death Rate. Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database. CDC Wonder Multiple Cause of Death File, 1999 – 2024.

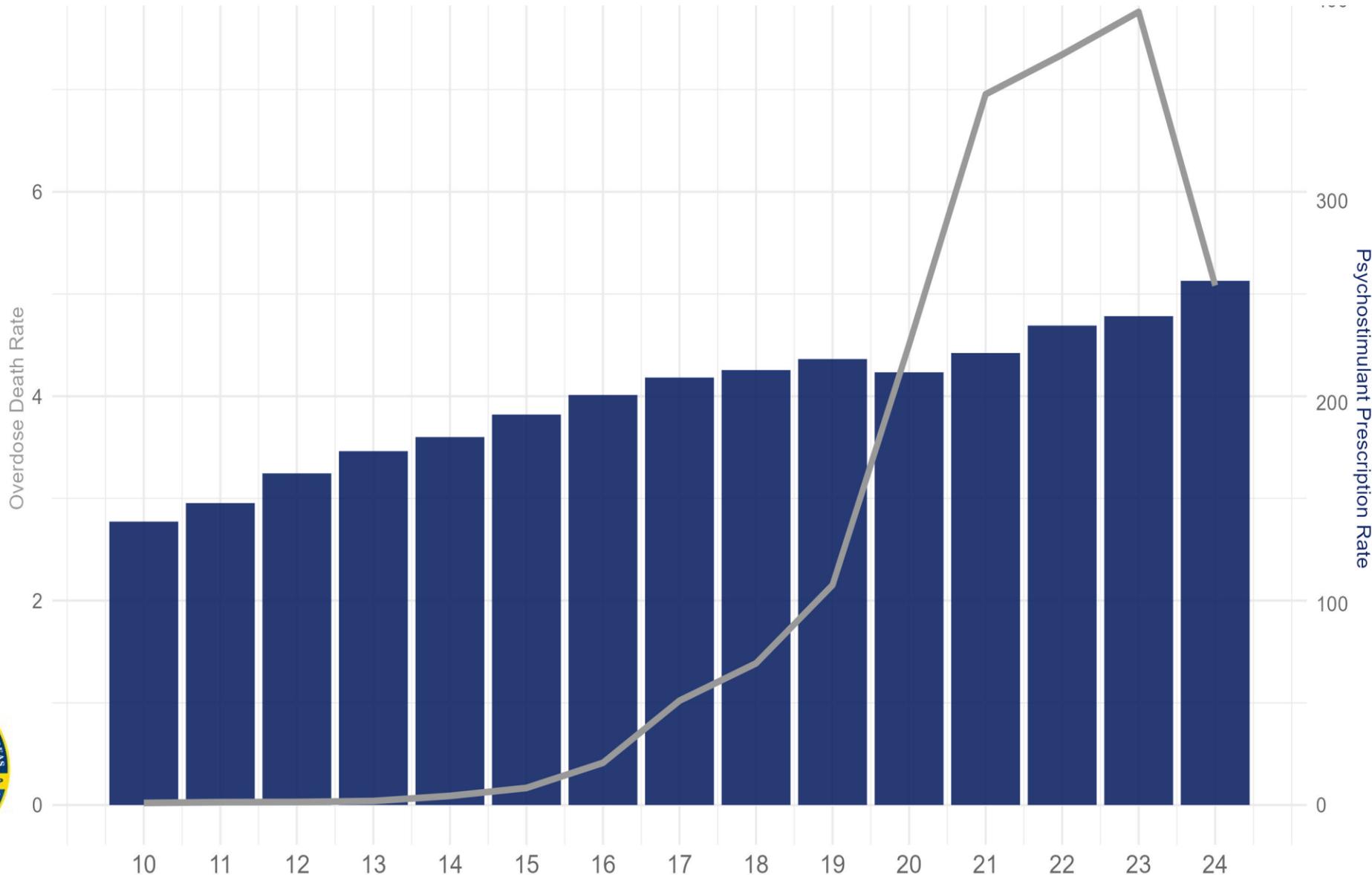
Prepared by the Drug Threat Analysis Group.

October, 2025

Note: The overdose death rate includes all psychostimulant deaths, rho = .964, p=.001



Psychostimulant Death Rate per 100,000 Population and Rx Psychostimulant Rate per 1,000, Selected States, 2010 - 2024



All Psychostimulant Overdose Death rate with Fentanyl compared to Rx Psychostimulant rate

Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database, CDC Wonder Multiple Cause of Death File, 1999 – 2024.

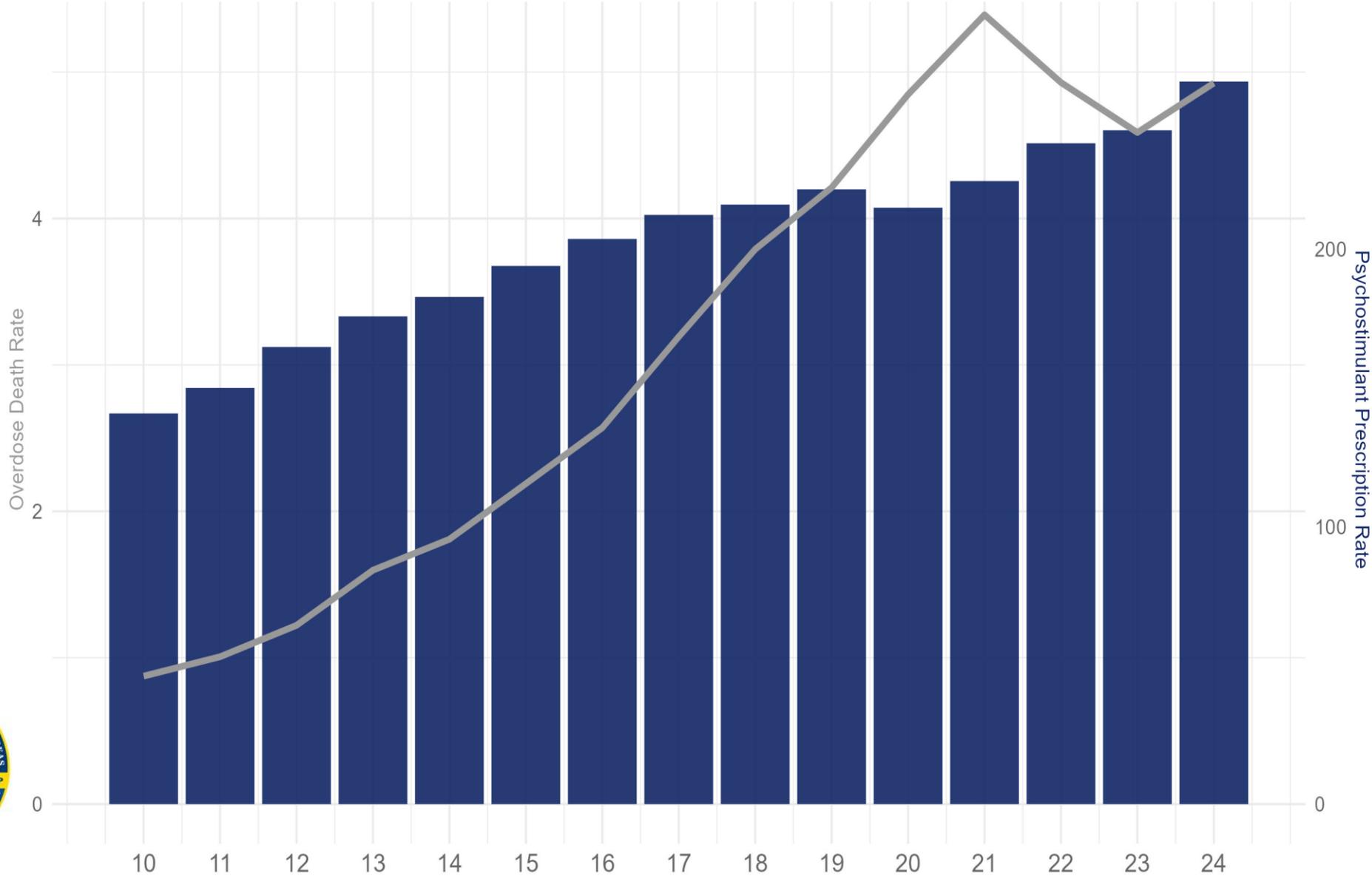
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Note: The overdose death rate includes all psychostimulant deaths with fentanyl, rho = .968, p=.001



Psychostimulant Death Rate per 100,000 Population and Rx Psychostimulant Rate per 1,000, Selected States, 2010 - 2024



All Psychostimulant Overdose Death rate without Fentanyl compared to Rx Psychostimulant rate

Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database. CDC Wonder Multiple Cause of Death File, 1999 – 2024.

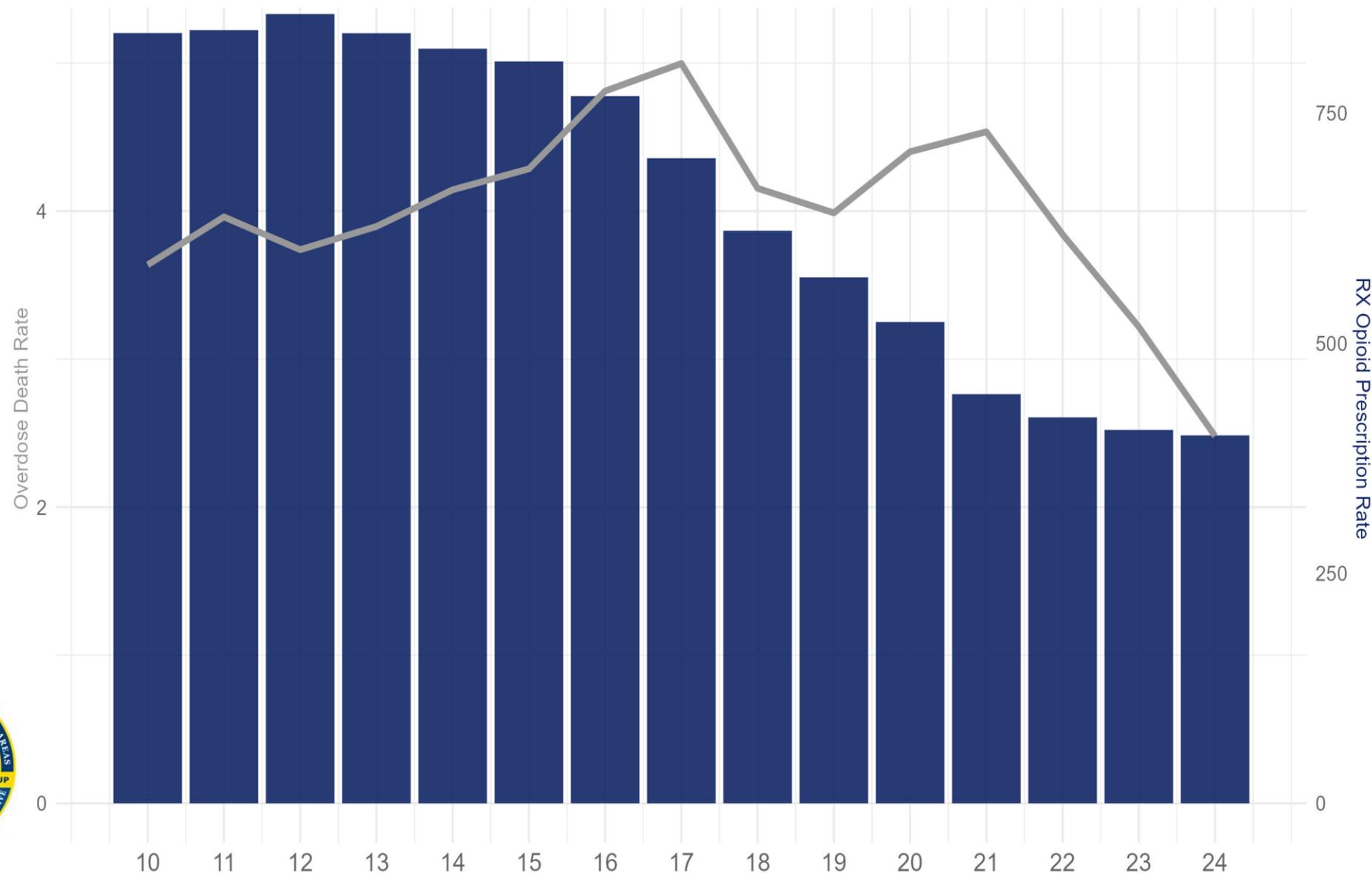
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Note: The overdose death rate includes all psychostimulant deaths without fentanyl, rho = .939, p=.001

Rx Opioid Death Rate per 100,000 Population and Rx Opioid (excl. Fentanyl & Buprenorphine) Rate per 1,000, Selected States, 2010 - 2024



All Rx Opioid Overdose Death rate compared to Rx Opioid rate

Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database, CDC Wonder Multiple Cause of Death File, 1999 – 2024.

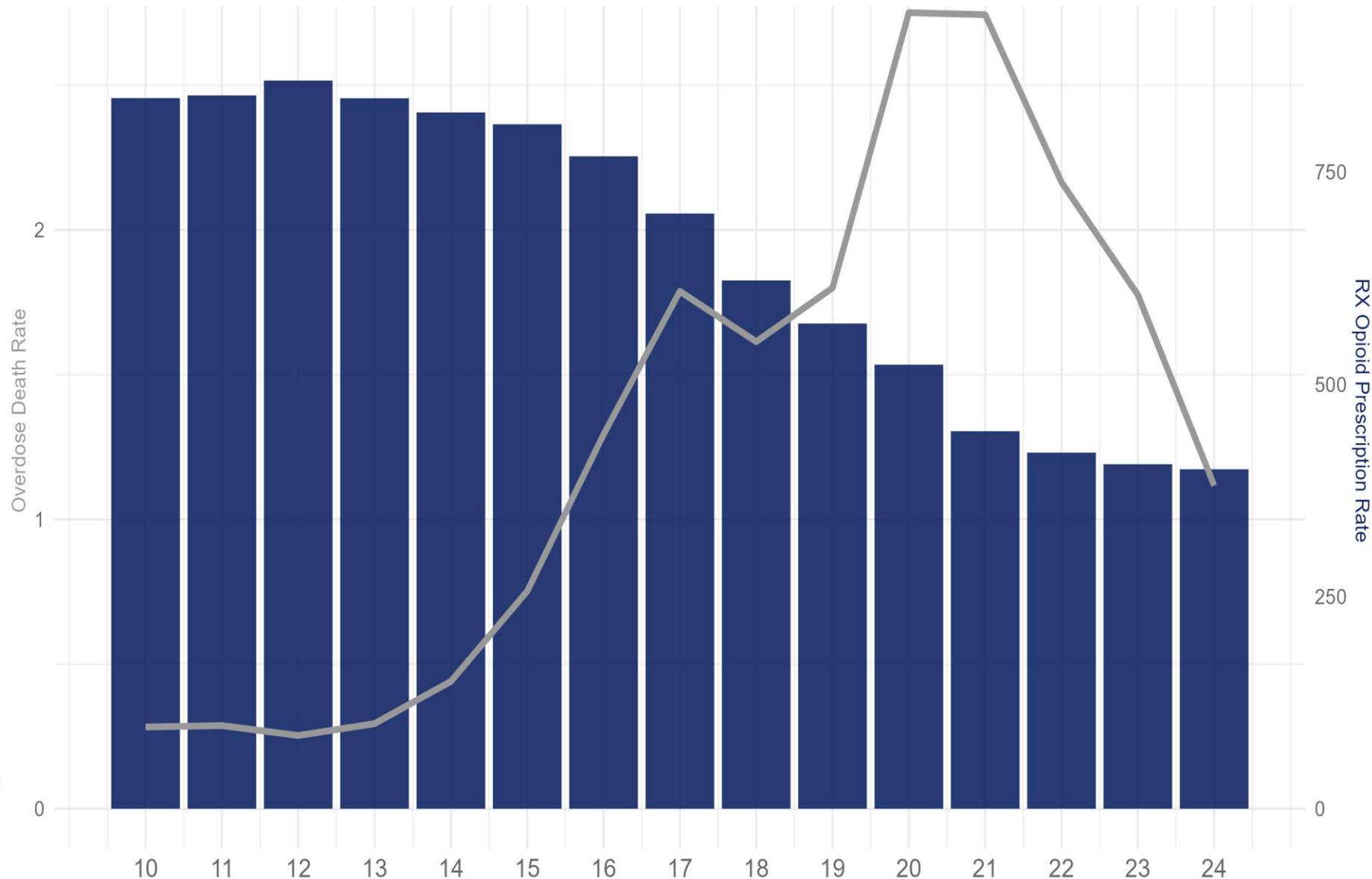
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October, 2025



Note: The overdose death rate includes all rx opioid deaths, rho = .863, p<.05

Rx Opioid Death Rate per 100,000 Population and Rx Opioid (excl. Fentanyl & Buprenorphine) Rate per 1,000, Selected States, 2010 - 2024



All Rx Opioid Overdose Death rate with Fentanyl compared to Rx Opioid rate

Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database. CDC Wonder Multiple Cause of Death File, 1999 – 2024.

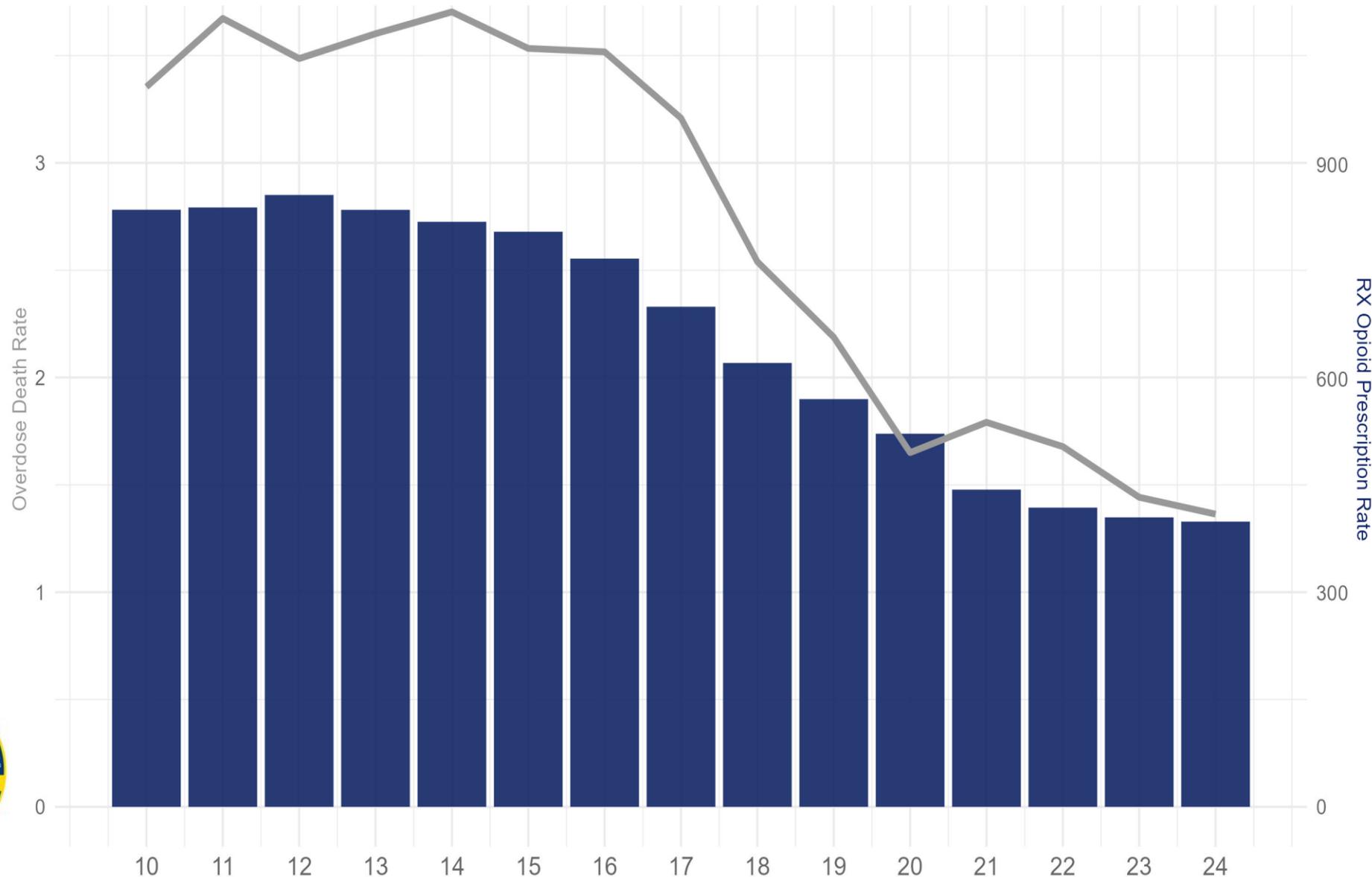
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October, 2025



Note: The overdose death rate includes all rx opioid deaths with fentanyl, rho = -.793, p<.05

Rx Opioid Death Rate per 100,000 Population and Rx Opioid (excl. Fentanyl & Buprenorphine) Rate per 1,000, Selected States, 2010 - 2024



All Rx Opioid Overdose Death rate without Fentanyl compared to Rx Opioid rate

Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database, CDC Wonder Multiple Cause of Death File, 1999 – 2024.

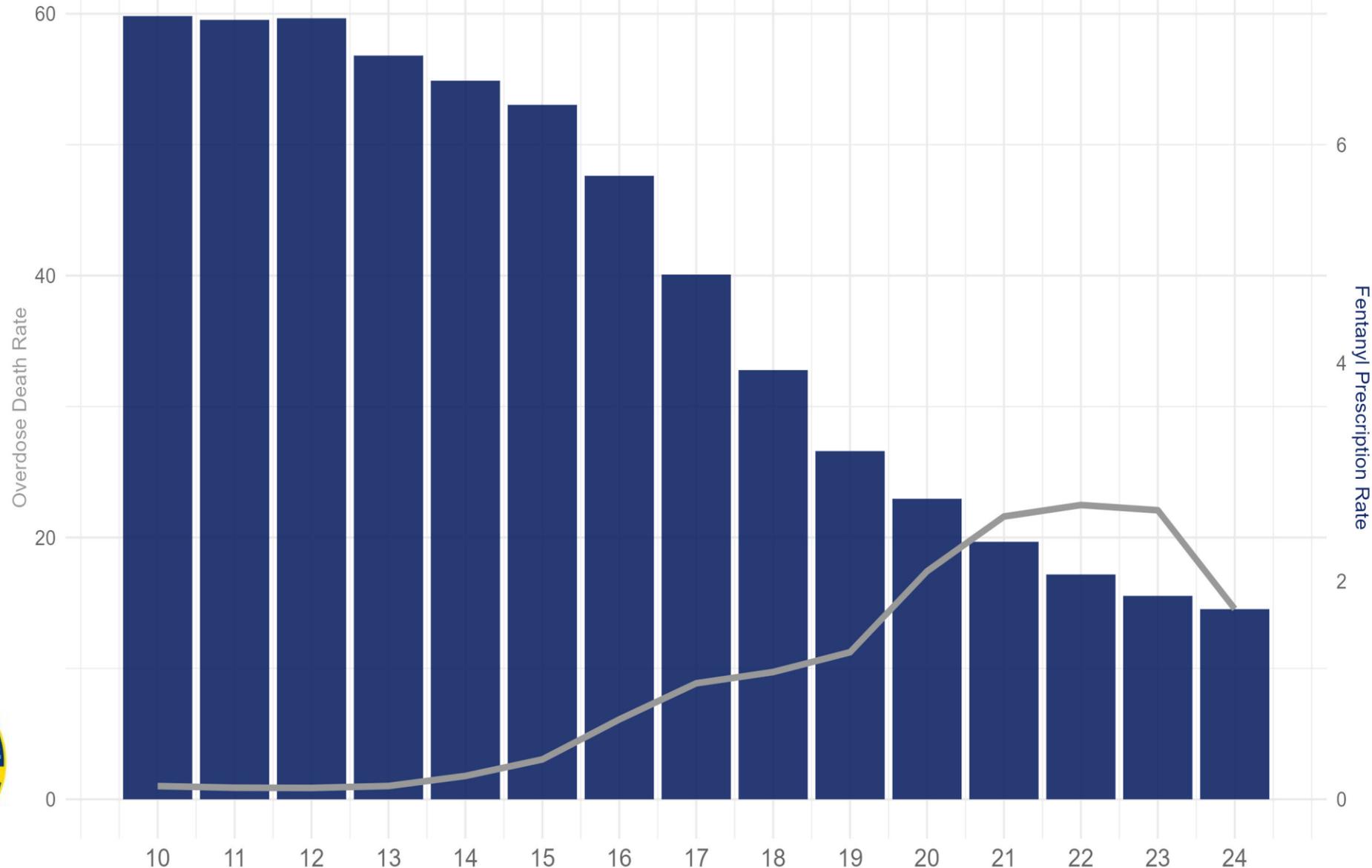
Prepared by the Drug Threat Analysis Group.

October, 2025



Note: The overdose death rate includes all rx opioid deaths without fentanyl, rho = .871, p<.05

Fentanyl Death Rate per 100,000 Population and Rx Fentanyl Rate per 1,000, Selected States, 2010 - 2024



All Fentanyl Overdose Death rate compared to Rx Fentanyl rate

Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database.
CDC Wonder Multiple Cause of Death File, 1999 – 2024.

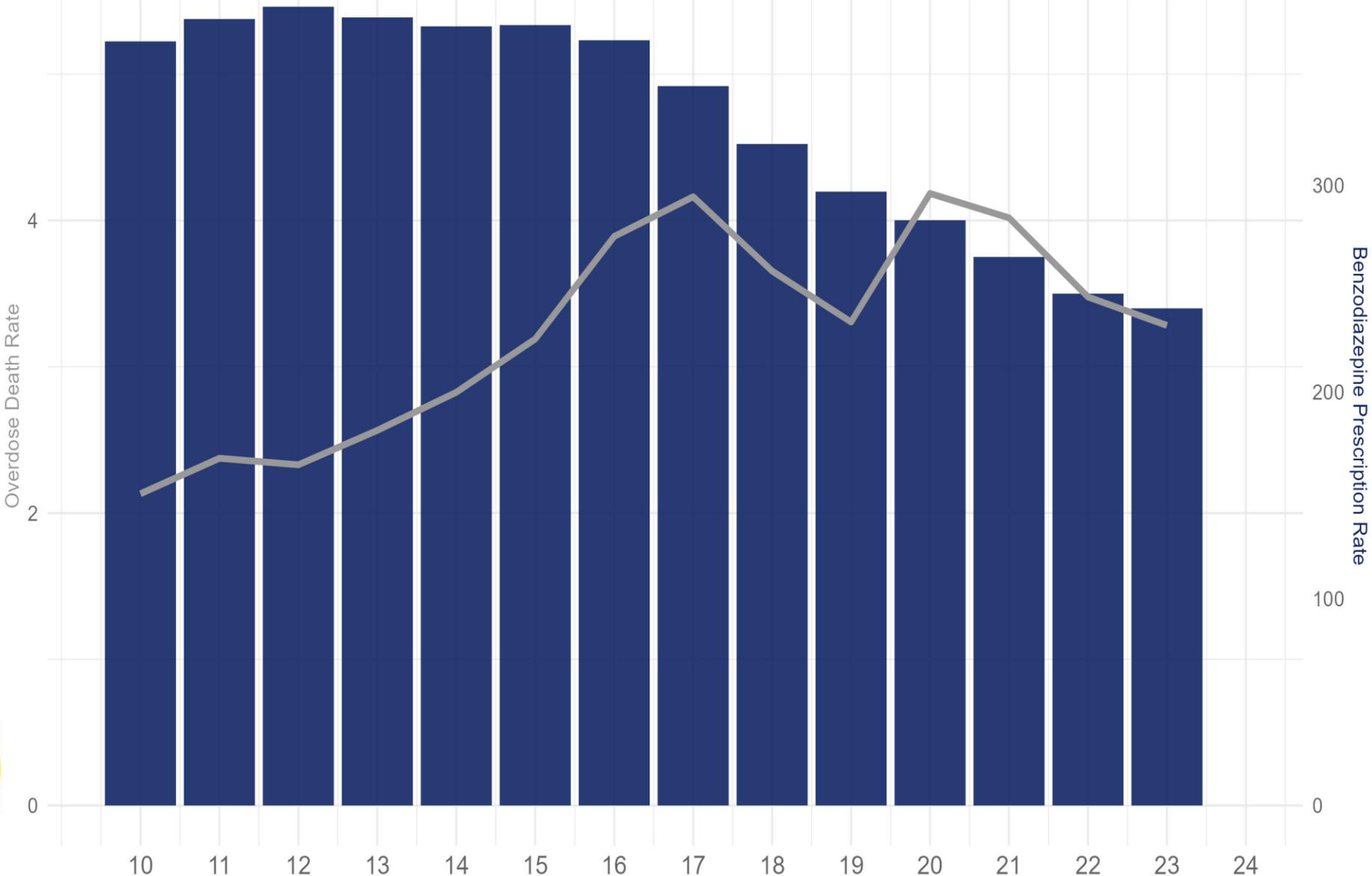
Prepared by the Drug Threat Analysis Group.

October, 2025



Note: The overdose death rate includes all fentanyl deaths, rho = -.95, p<.001

Benzodiazepine Death Rate per 100,000 Population and Rx Benzodiazepine Rate per 1,000, Selected States, 2010 - 2024



All Benzodiazepine Overdose Death rate compared to Rx Benzodiazepine rate

Gray line is Overdose Death Rate. Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database. CDC Wonder Multiple Cause of Death File, 1999 – 2024.

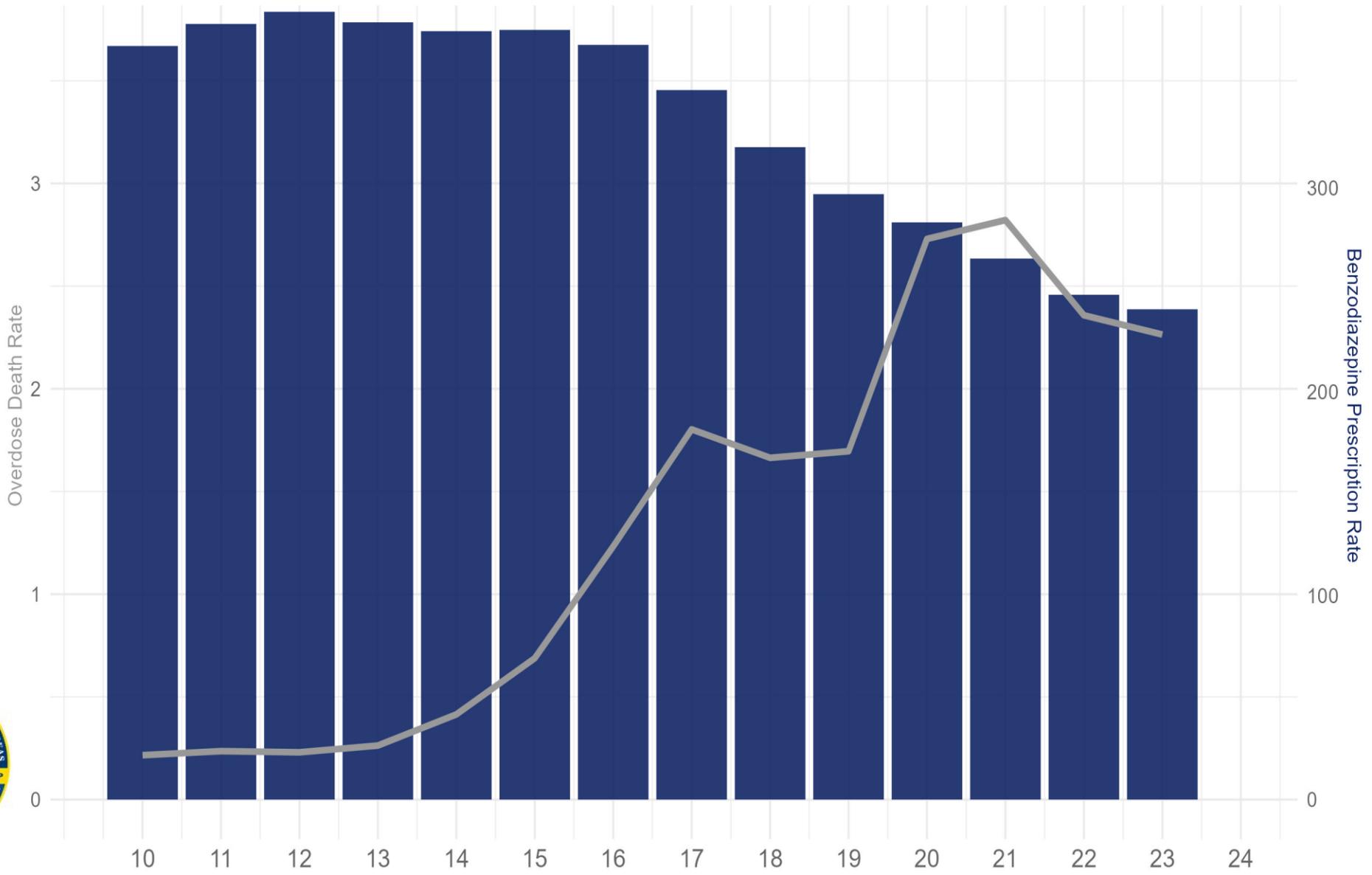
Prepared by the Drug Threat Analysis Group.

October, 2025

Note: The overdose death rate includes all Benzodiazepine deaths, rho = -.618, p=.05



Benzodiazepine Death Rate per 100,000 Population and Rx Benzodiazepine Rate per 1,000, Selected States, 2010 - 2024



All Benzodiazepine Overdose Death rate with Fentanyl compared to Rx Benzodiazepine rates

Gray line is Overdose Death Rate. Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database. CDC Wonder Multiple Cause of Death File, 1999 – 2024.

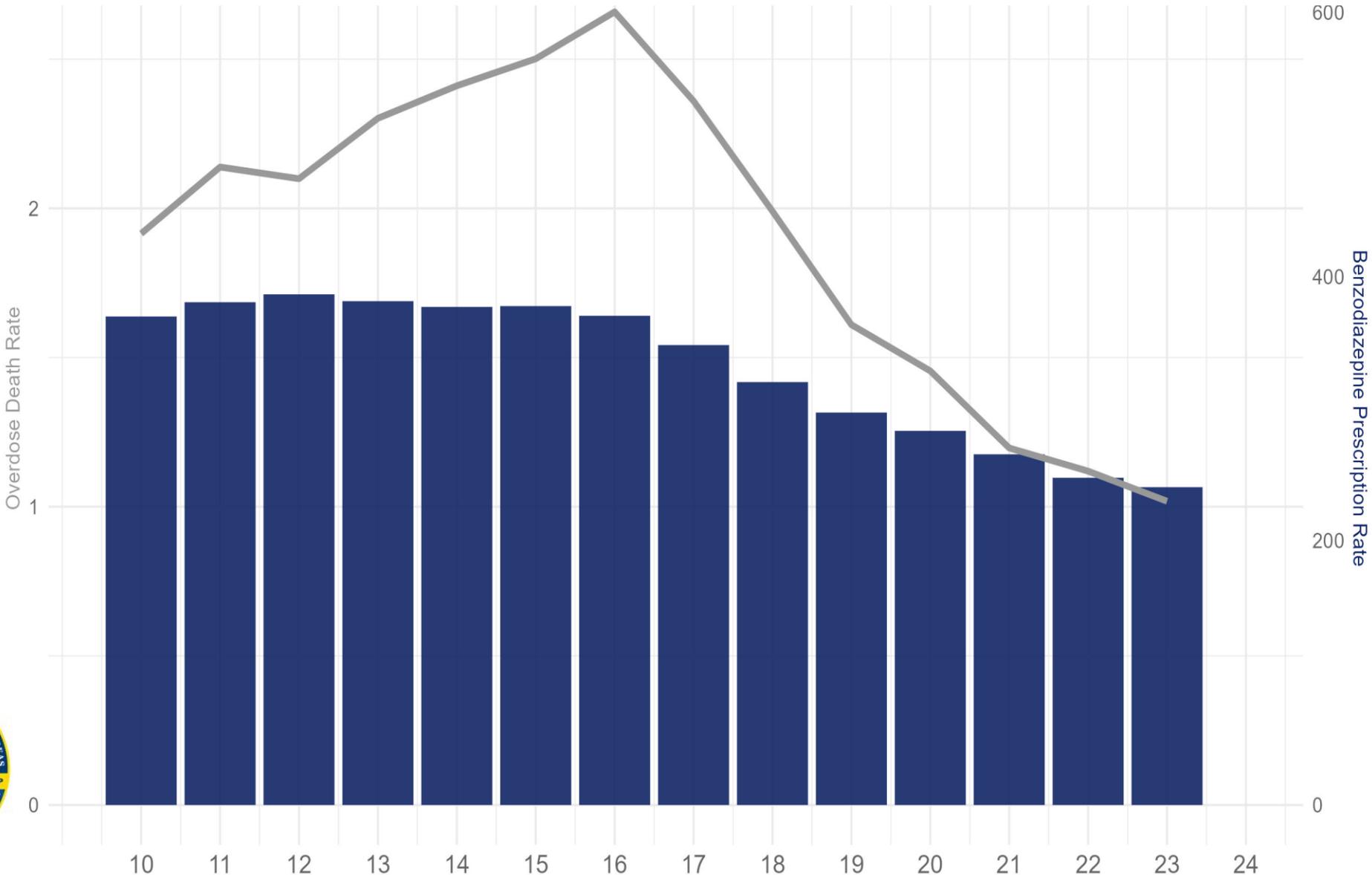
Prepared by the Drug Threat Analysis Group.

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Note: The overdose death rate includes all benzodiazepine deaths with fentanyl, rho = -.846, p=.05



Benzodiazepine Death Rate per 100,000 Population and Rx Benzodiazepine Rate per 1,000, Selected States, 2010 - 2024



All Benzodiazepine Overdose Death rate without Fentanyl compared to Rx Benzodiazepine rate

Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database. CDC Wonder Multiple Cause of Death File, 1999 – 2024.

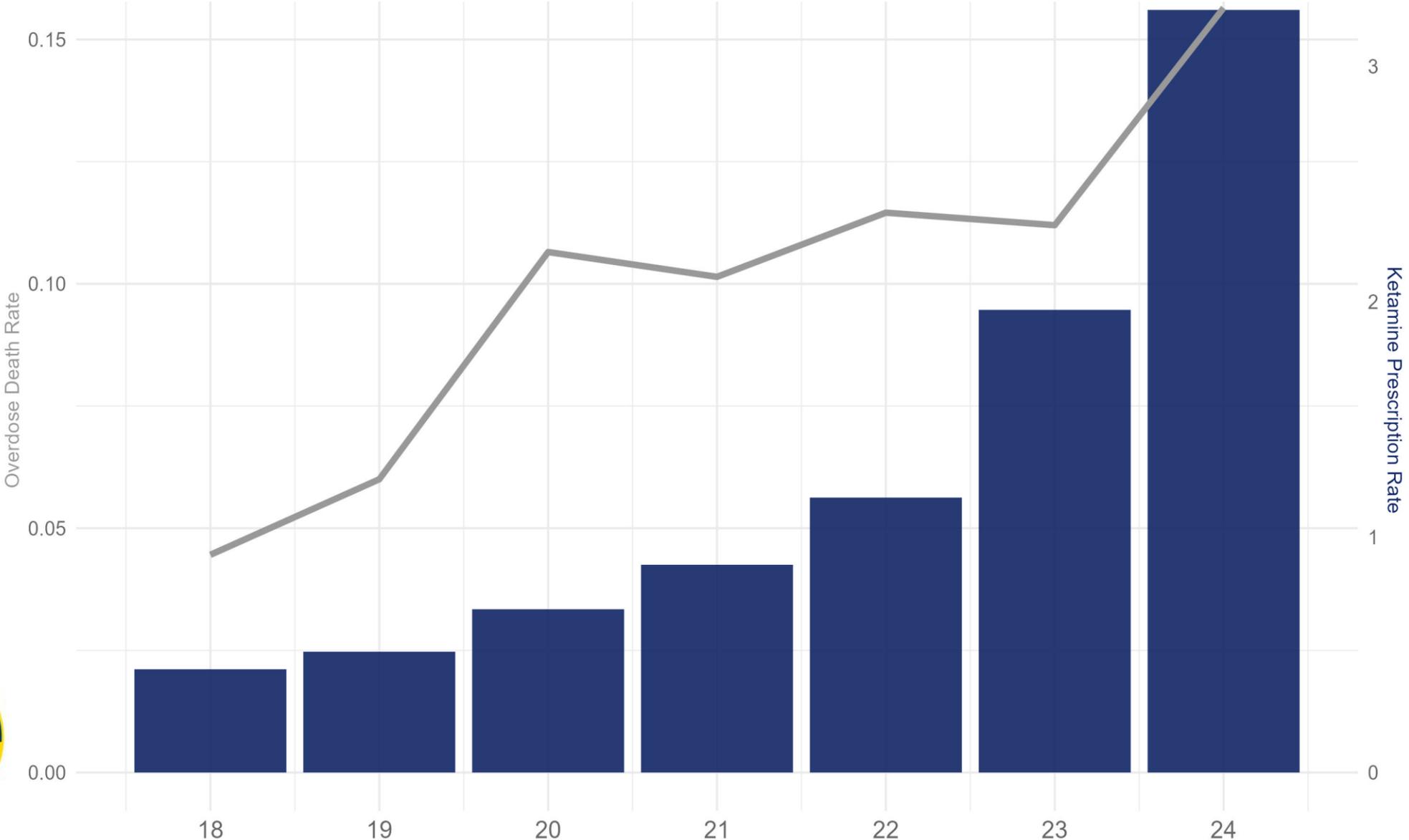
Prepared by the Drug Threat Analysis Group.

October, 2025

Note: The overdose death rate includes all benzodiazepine deaths without fentanyl, rho = .763, p=.05



Ketamine Death Rate per 100,000 Population and Rx Ketamine Rate per 1,000, Selected States, 2010 - 2024



Gray line is Overdose Death Rate.
Blue bars are Prescribing Rate.

Sources: DTAG Pharmacy Database. CDC Wonder Multiple Cause of Death File, 1999 – 2024.

Prepared by the Drug Threat Analysis Group.

October, 2025



Note: The overdose death rate includes all Ketamine deaths, rho = .929, p=.05



Thank You/Discussion

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