Drug Overdose in Oklahoma: Data Update

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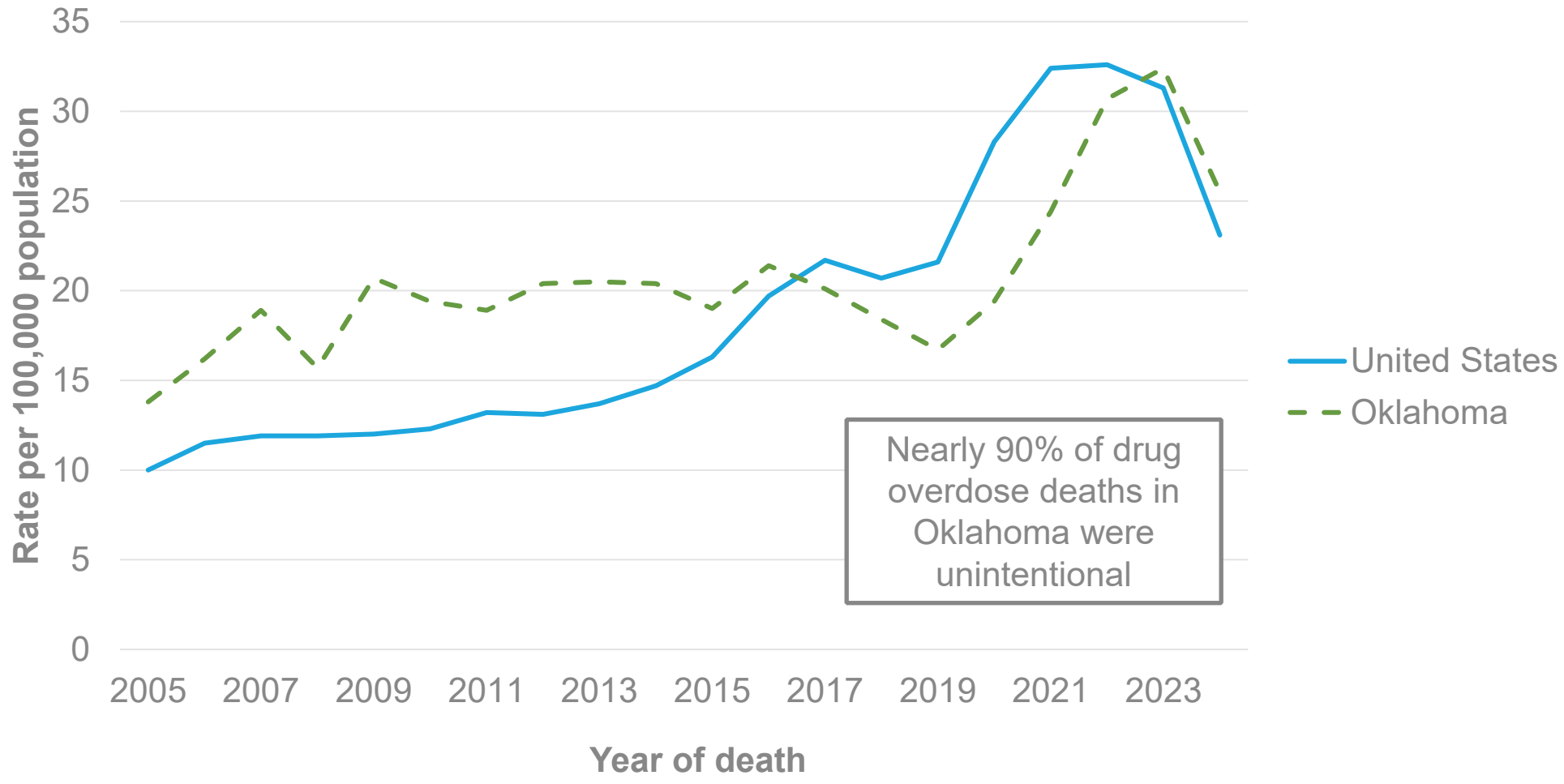
OKLAHOMA
State Department
of Health

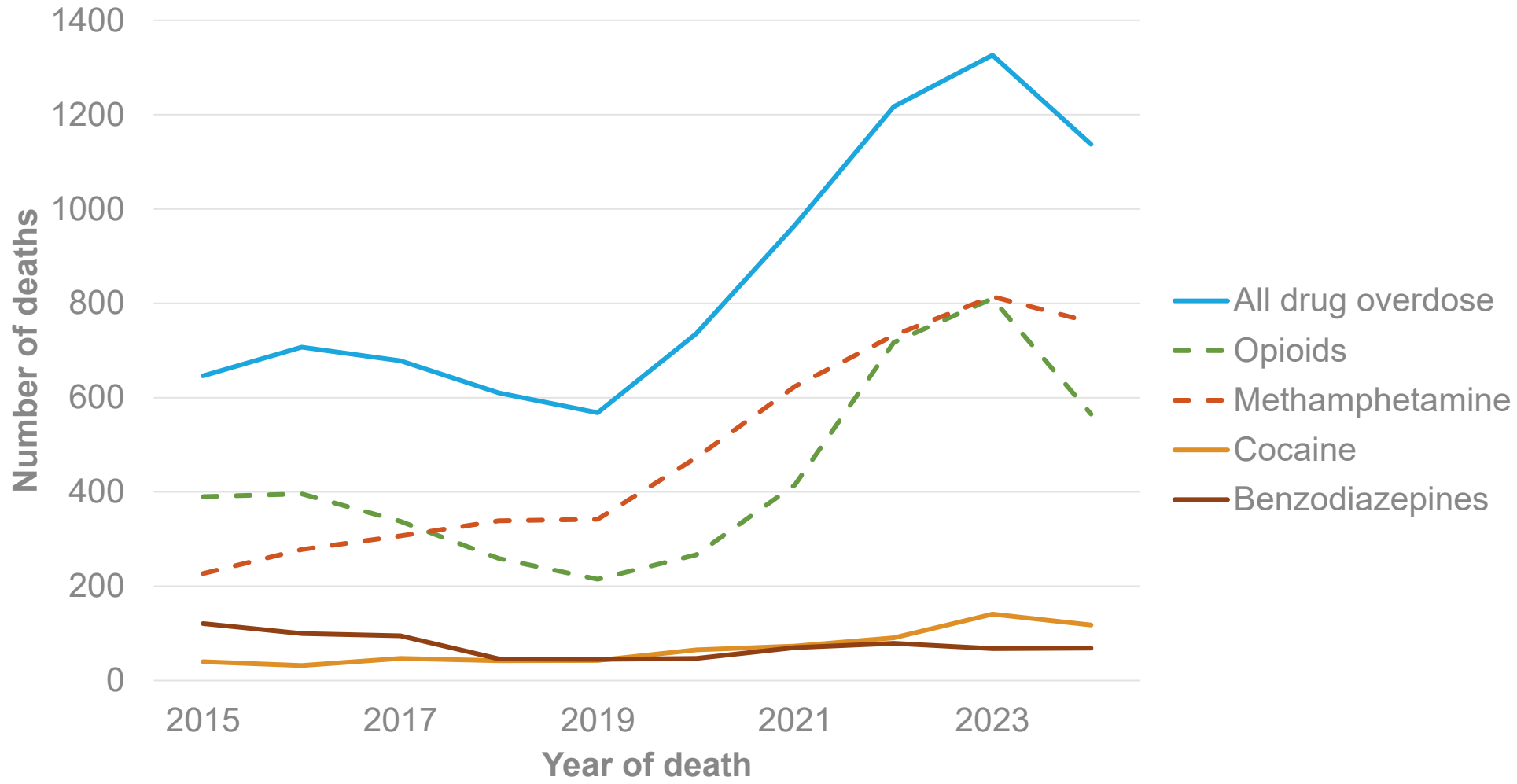
Overdose death data

Age-adjusted Drug Overdose Death Rates (All Intents), Oklahoma and United States, 2005-2024



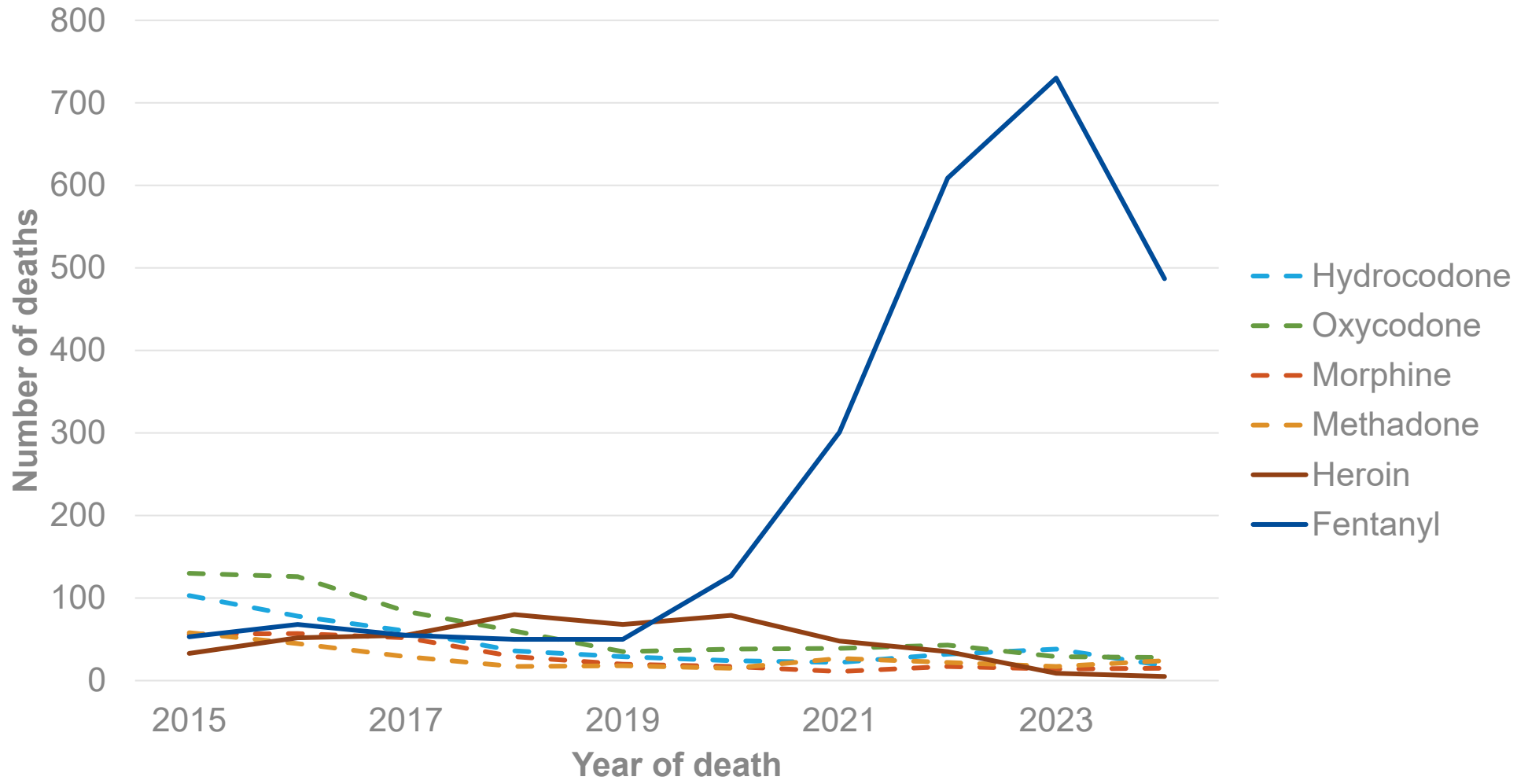
Source: CDC, National Center for Health Statistics, WONDER Multiple Cause of Death File

Unintentional Drug Overdose Deaths by Type of Drug, Oklahoma, 2015-2024



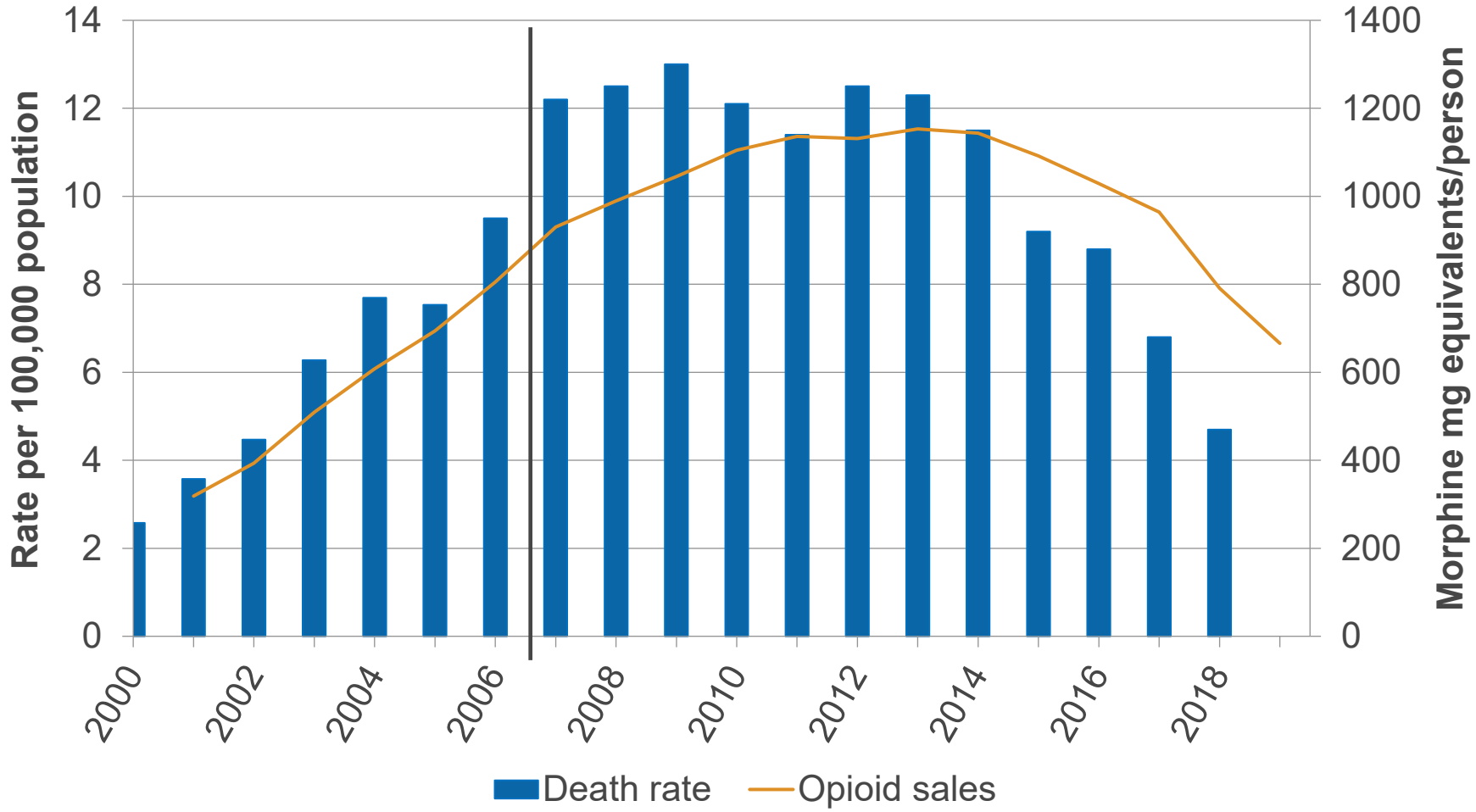
Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Unintentional Opioid Overdose Deaths by Drug, Oklahoma, 2015-2024



Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Unintentional Prescription[1] Opioid-related Overdose Death Rates[2] and Opioid Sales per Person[3], Oklahoma, 2000-2019



[1]In the past, the majority of opioid-related overdose deaths involved prescription opioids and we categorized opioids as either 'prescription' or 'illicit.' Beginning 2020, we no longer categorize opioids as 'illicit' or 'prescription' because of the increase in overdose deaths involving fentanyl, and in most cases we are unable to determine whether the fentanyl was 'illicit' or 'prescription'. Therefore, we will report on all opioids combined or on individual opioids (instead of reporting on prescription or illicit opioids)

[2]OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

[3]U.S. Department of Justice, Drug Enforcement Administration, Office of Diversion Control, Automation of Reports and Consolidated Orders System (ARCOS) Reports, Retail Drug Summary Reports by State, Cumulative Distribution Reports (Report 4).

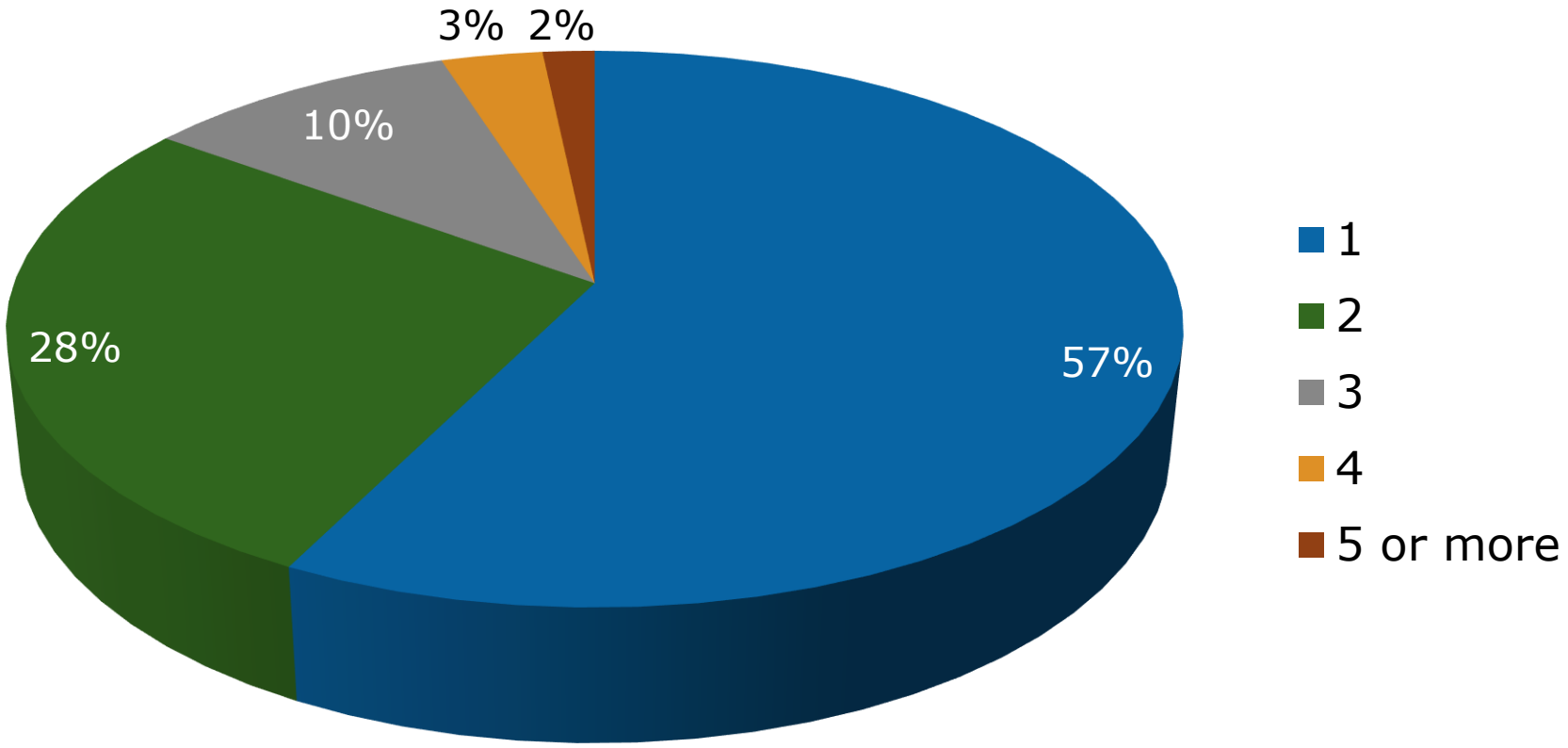
The black line indicates a change: opioid sales data prior to 2007 were based on historical data calculated using the same methodology.

Unintentional Drug Overdose Deaths by Year of Death, Oklahoma, 2015-2024

Drug	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**
All Drug Overdose	646	707	678	610	568	736	966	1217	1326	1137
Prescription	415	424	339	248	198	*	*	*	*	*
Prescription Opioids	355	344	266	185	156	*	*	*	*	*
Opioids	390	396	338	259	215	267	415	717	810	565
Fentanyl	53	68	55	50	50	127	301	609	730	487
Benzodiazepines	121	100	95	46	45	47	70	79	68	69
Methamphetamine	227	278	307	339	342	473	624	732	814	760
Heroin	33	52	55	80	68	79	48	35	9	5

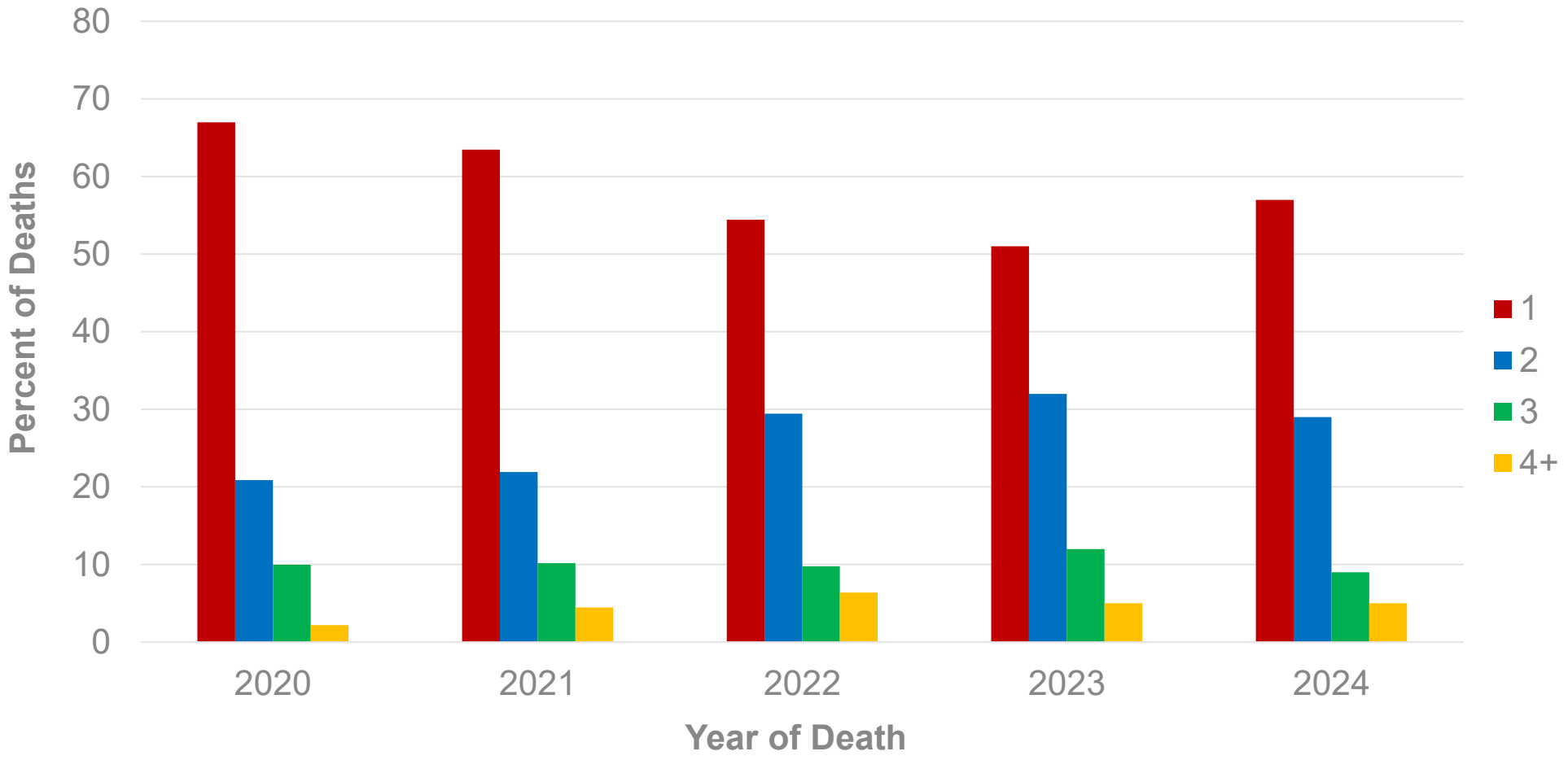
*In the past, the majority of opioid-related overdose deaths involved prescription opioids and we categorized opioids as either 'prescription' or 'illicit.' Beginning 2020, we no longer categorize opioids as 'illicit' or 'prescription' because of the increase in overdose deaths involving fentanyl, and in most cases we are unable to determine whether the fentanyl was 'illicit' or 'prescription'. Therefore, we will report on all opioids combined or on individual opioids (instead of reporting on prescription or illicit opioids).

Number of Substances Involved in Unintentional Drug Overdose Deaths, Oklahoma, 2020-2024



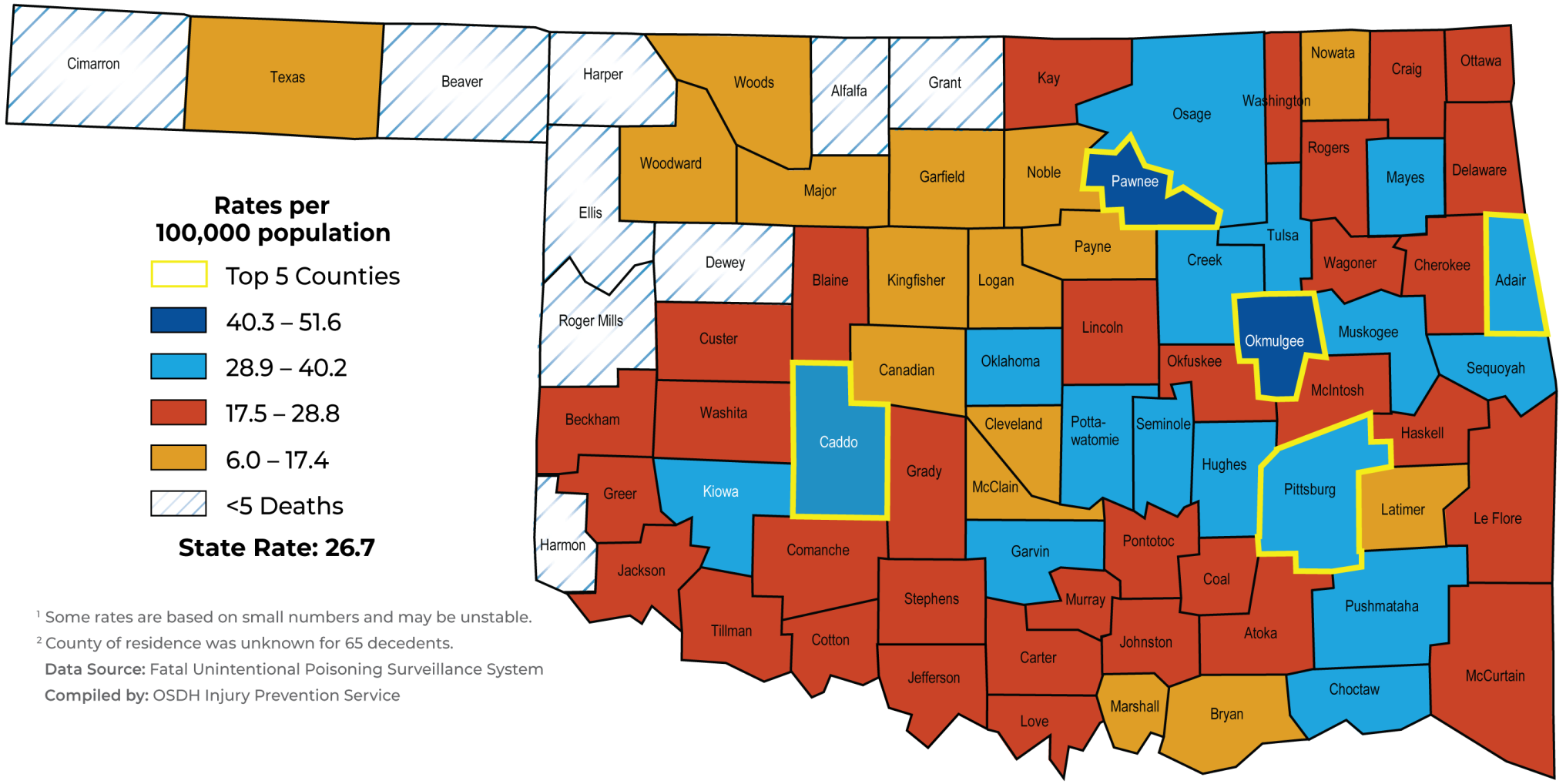
Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Number of Substances Involved in Unintentional Drug Overdose Deaths by Year of Death, Oklahoma, 2020-2024



Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Unintentional Drug Overdose Death Rates[1] by County of Residence[2], Oklahoma, 2020-2024



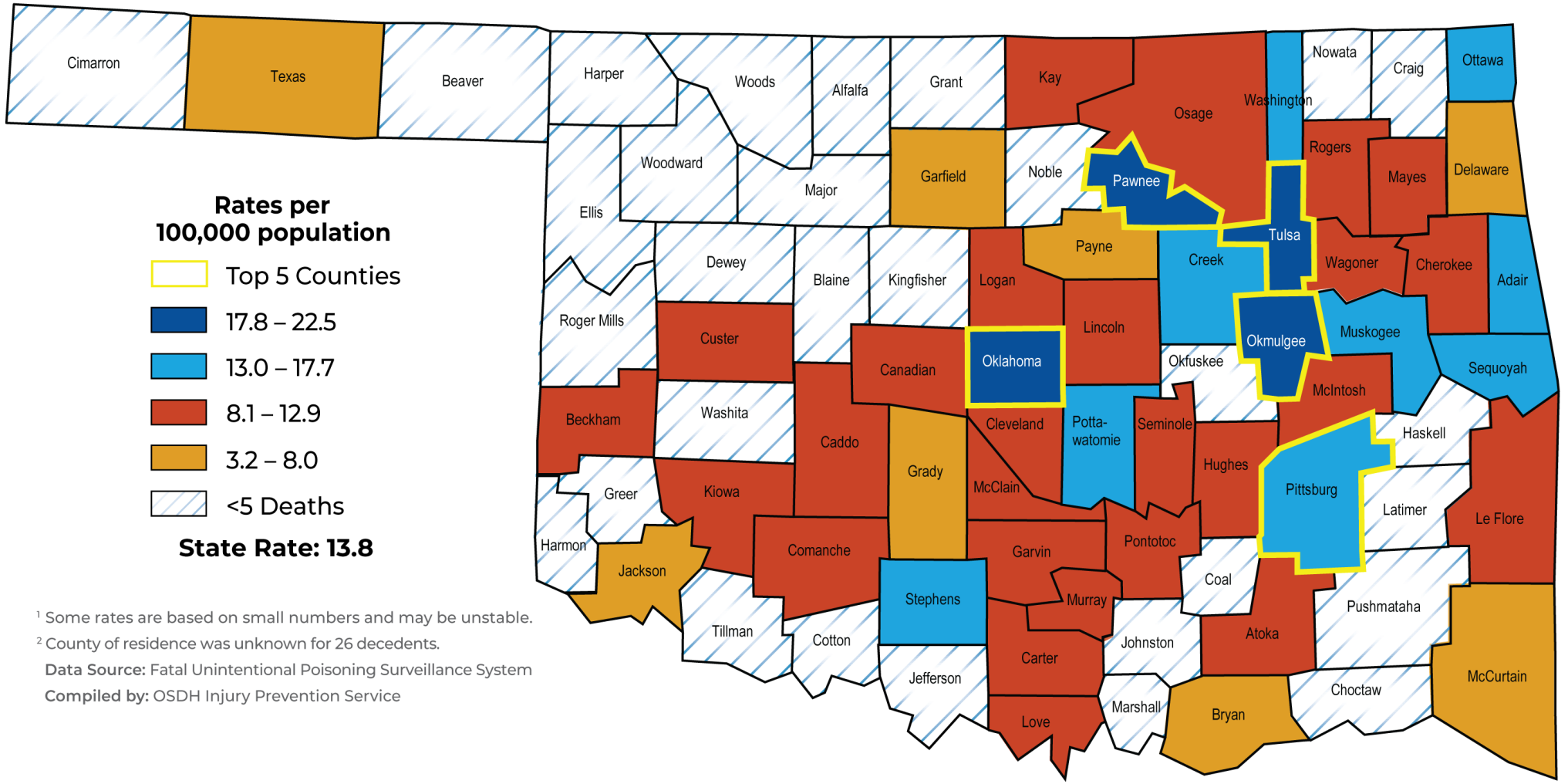
[1] Some rates are based on small numbers and may be unstable.

[2] County of residence was unknown for 65 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System

Compiled by: OSDH Injury Prevention Service

Unintentional Opioid Overdose Death Rates[1] by County of Residence[2], Oklahoma, 2020-2024



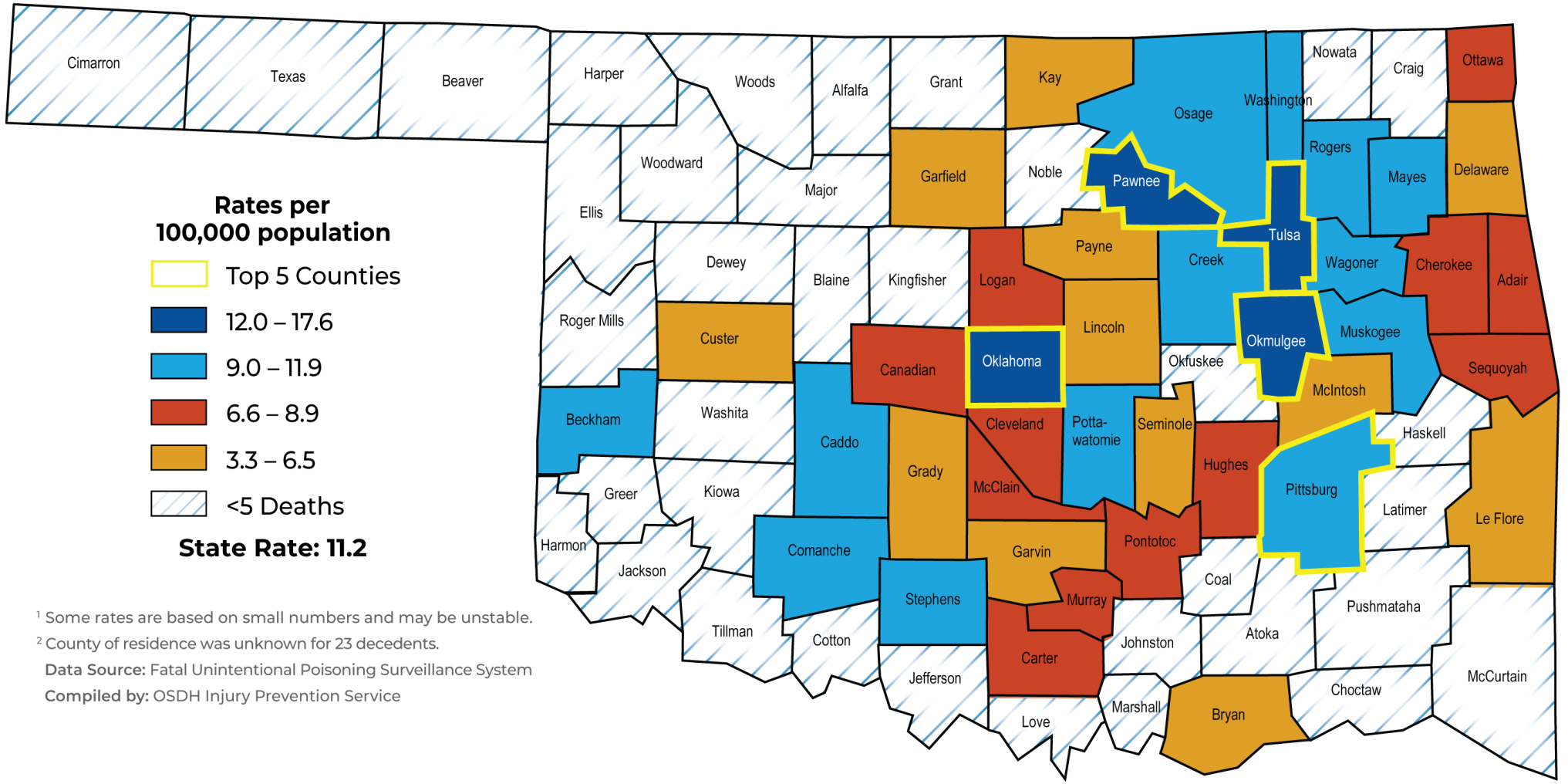
[1] Some rates are based on small numbers and may be unstable.

[2] County of residence was unknown for 26 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System

Compiled by: OSDH Injury Prevention Service

Unintentional Fentanyl Overdose Death Rates[1] by County of Residence[2], Oklahoma, 2020-2024



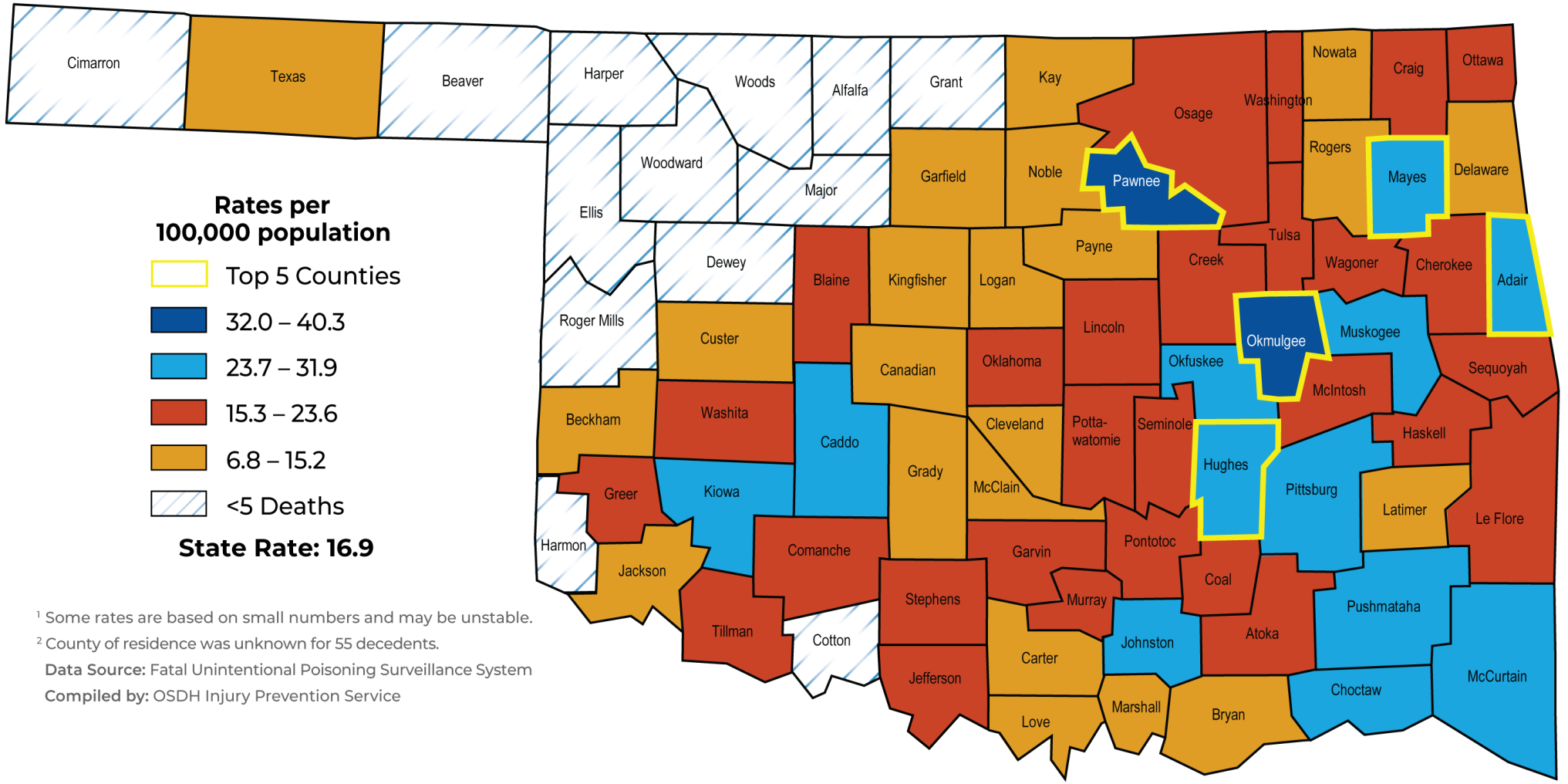
[1] Some rates are based on small numbers and may be unstable.

[2] County of residence was unknown for 23 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System

Compiled by: OSDH Injury Prevention Service

Unintentional Methamphetamine Overdose Death Rates[1] by County of Residence[2], Oklahoma, 2020-2024



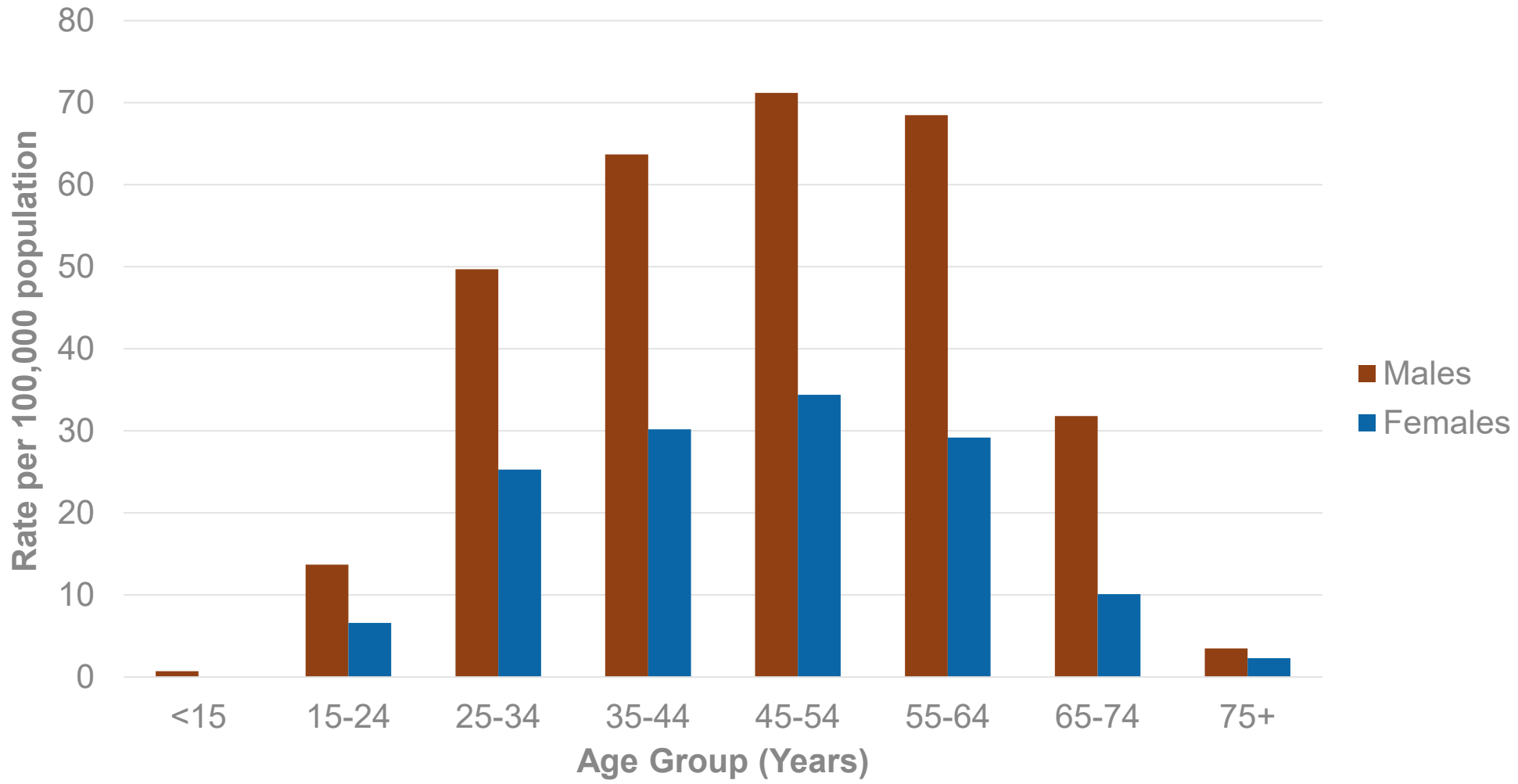
[1] Some rates are based on small numbers and may be unstable.

[2] County of residence was unknown for 55 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System

Compiled by: OSDH Injury Prevention Service

Unintentional Drug Overdose Death Rates by Age Group and Sex, Oklahoma, 2020-2024



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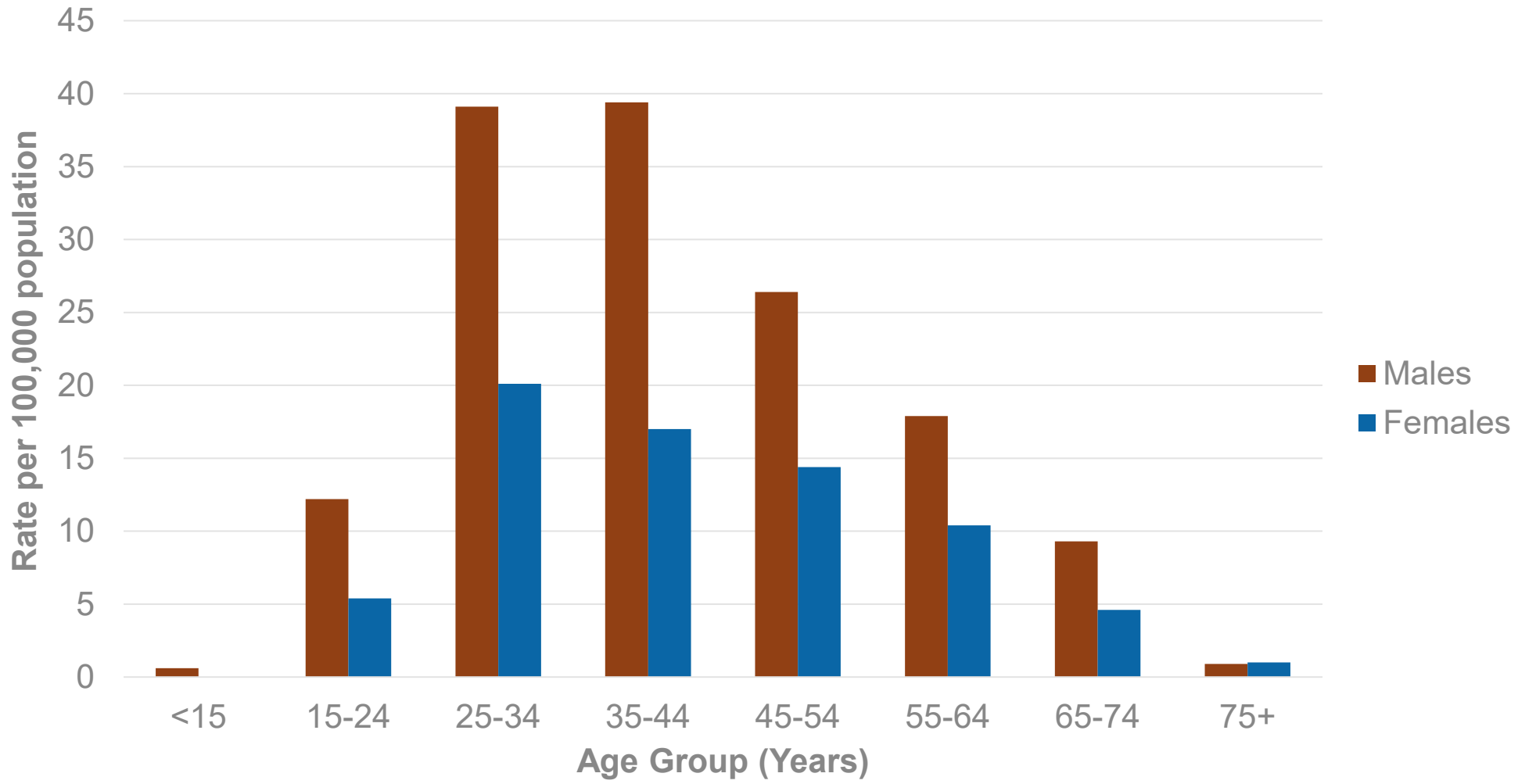
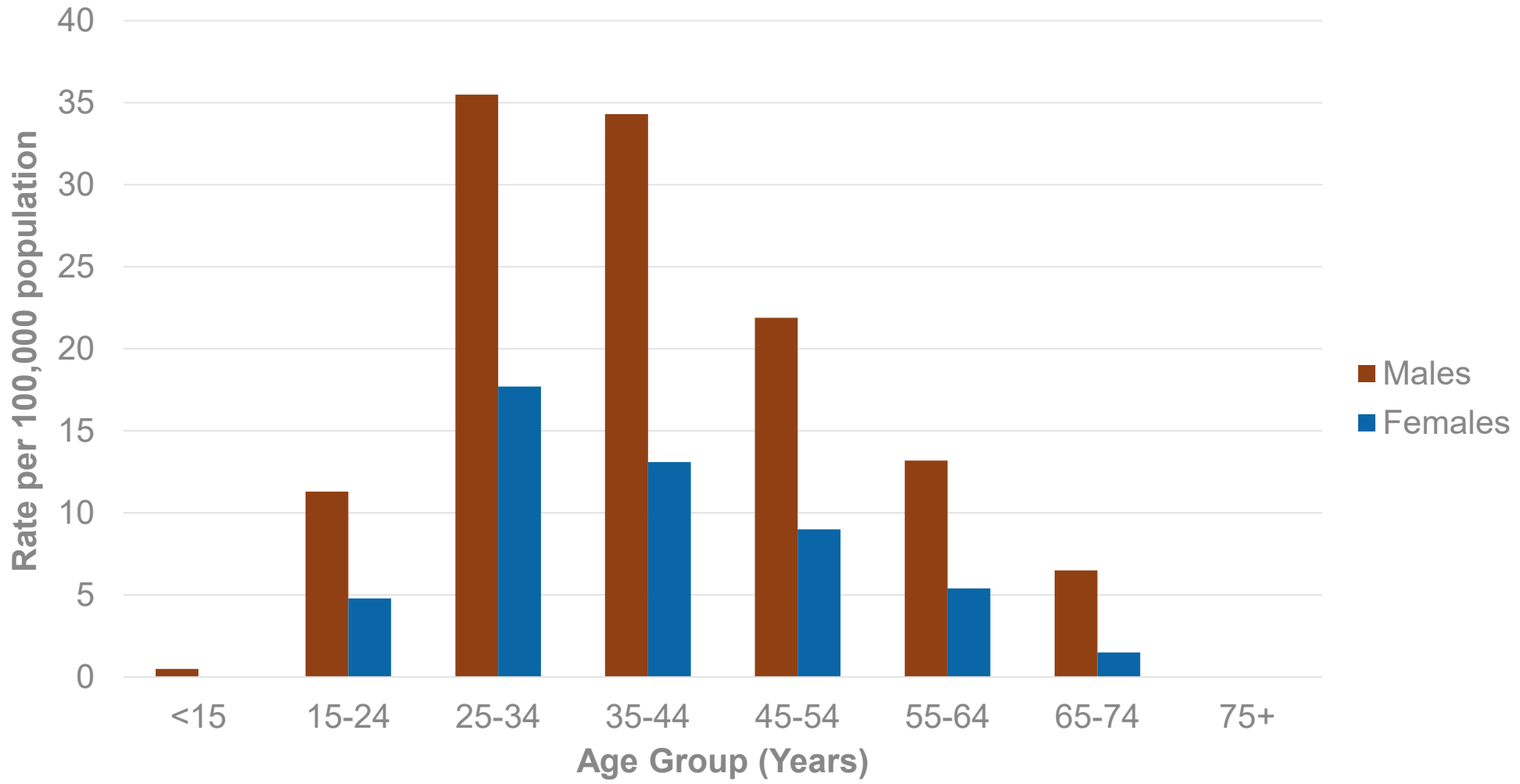
Unintentional Opioid Overdose Death Rates by Age Group and Sex, Oklahoma, 2020-2024



Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Unintentional Fentanyl Overdose Death Rates by Age Group and Sex, Oklahoma, 2020-2024



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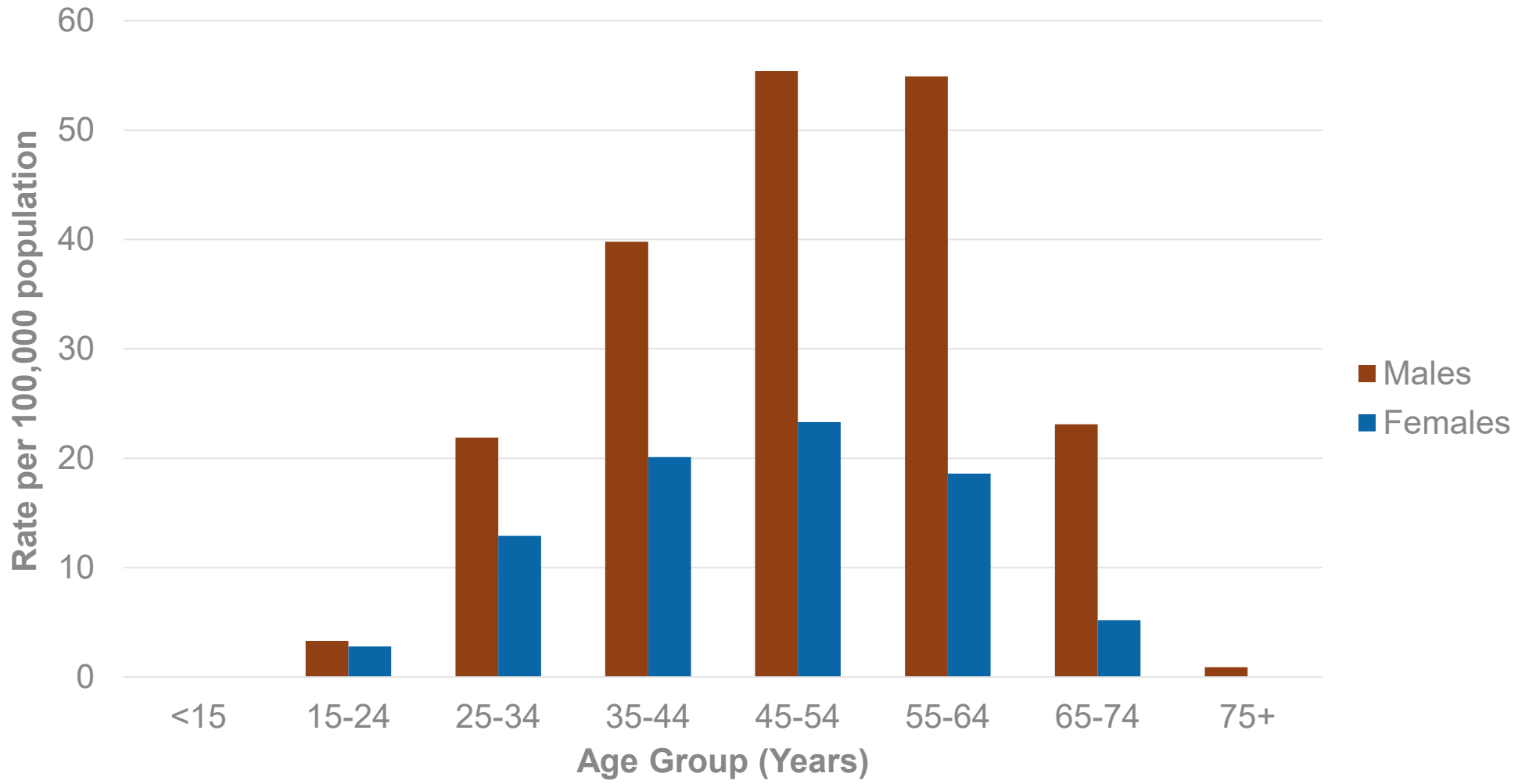
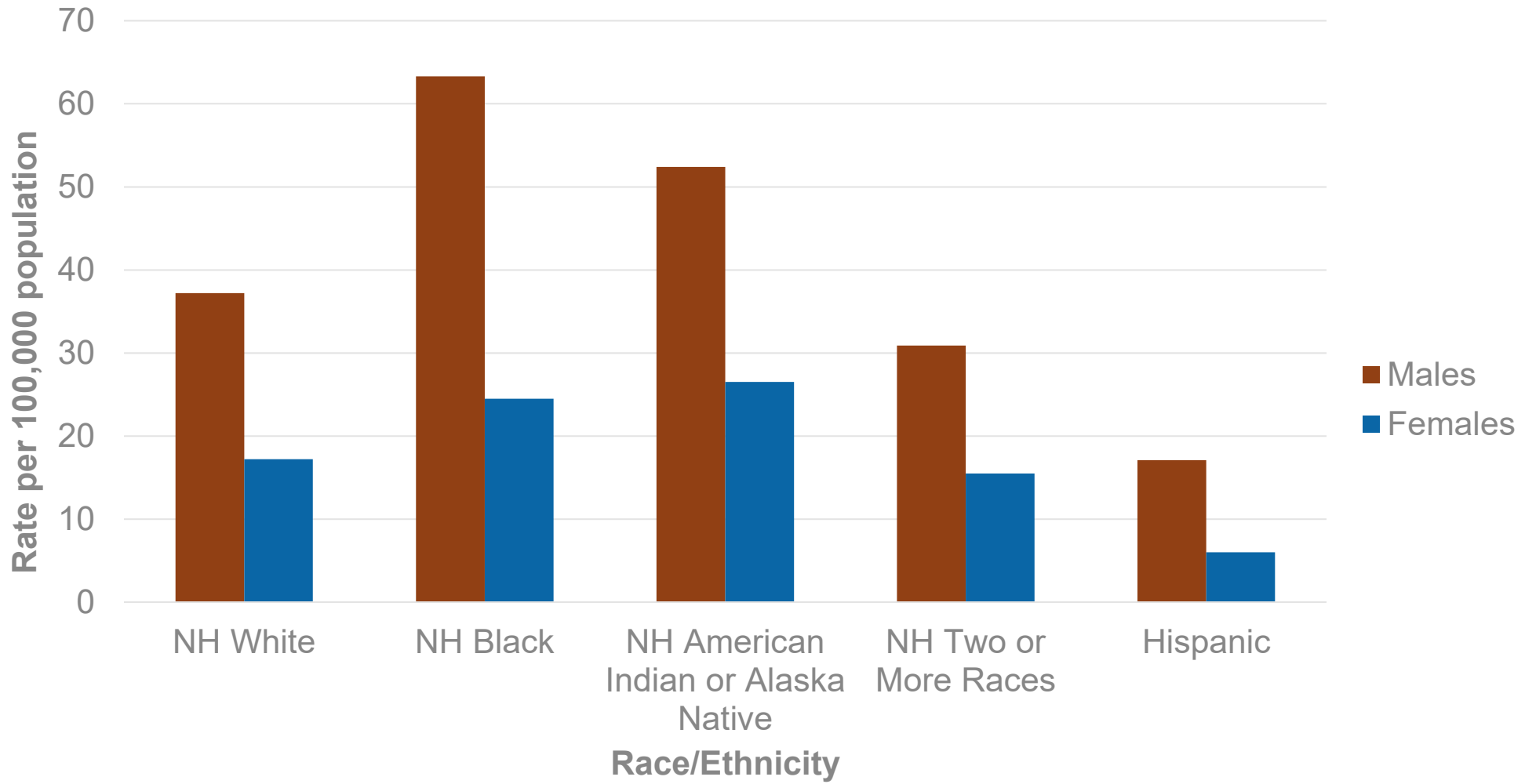


Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

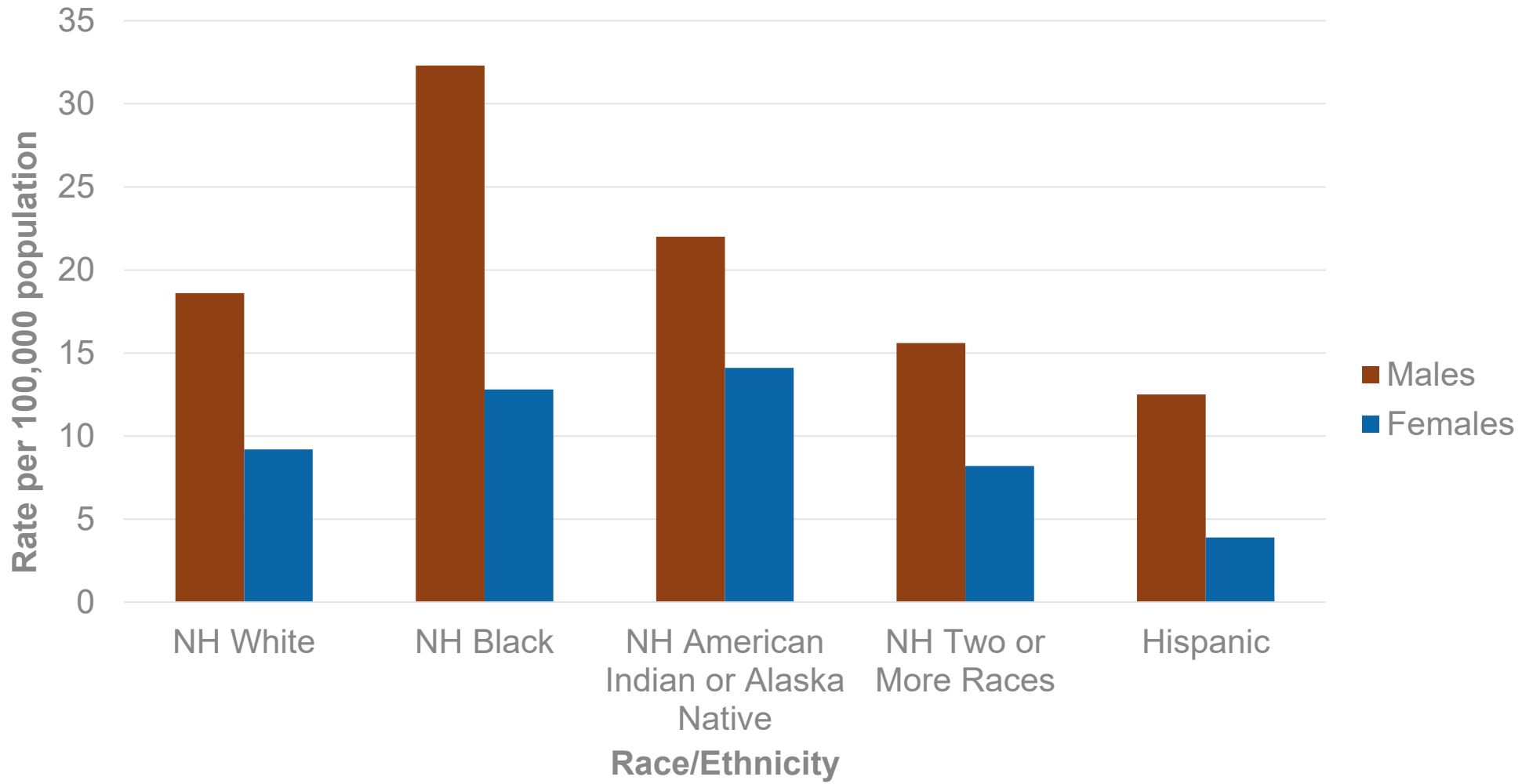
Unintentional Drug Overdose Death Rates by Race/Ethnicity and Sex, Oklahoma, 2020-2024



NH=Non-Hispanic

Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Unintentional Opioid Overdose Death Rates by Race/Ethnicity and Sex, Oklahoma, 2020-2024



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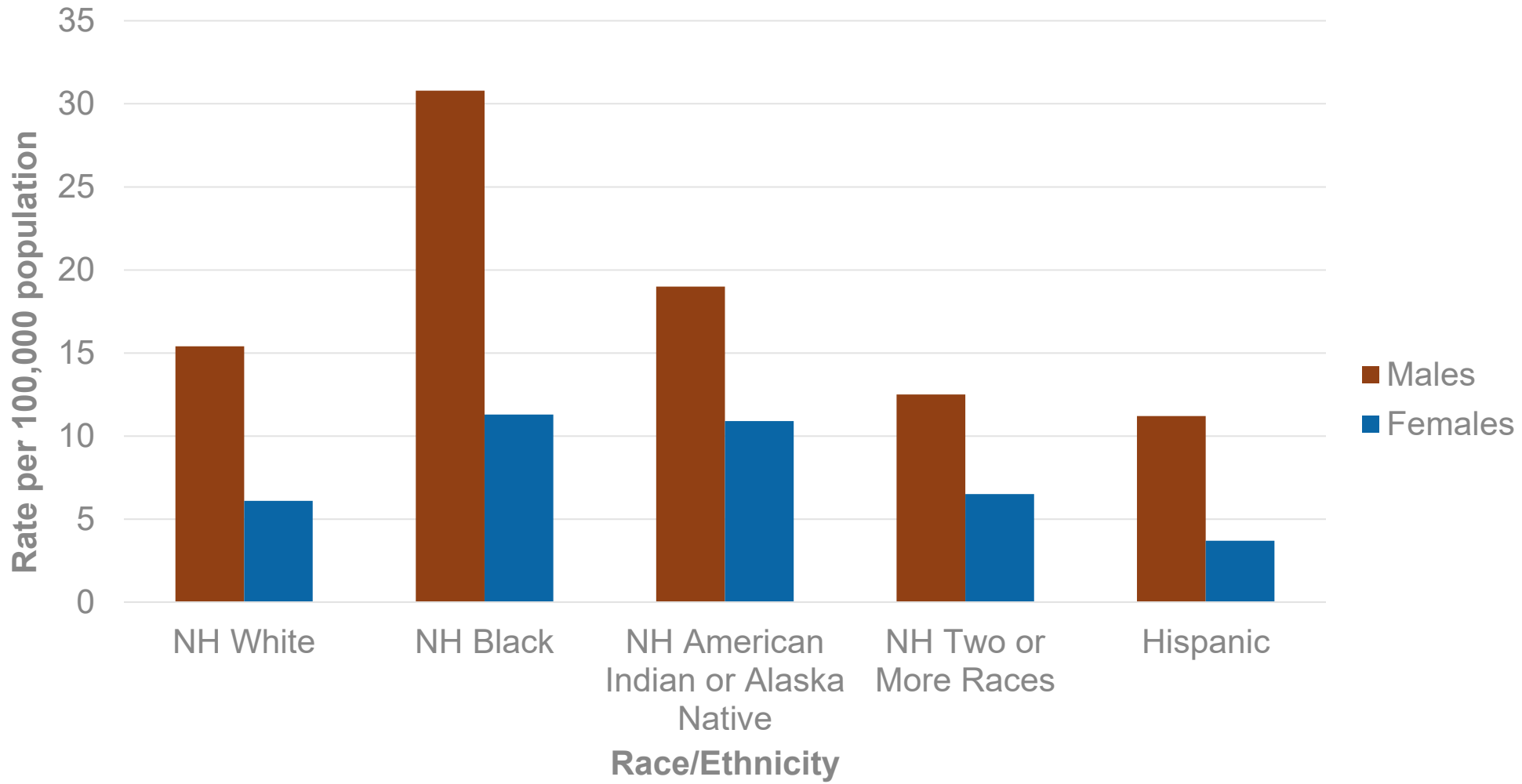
Unintentional Fentanyl Overdose Death Rates by Race/Ethnicity and Sex, Oklahoma, 2020-2024



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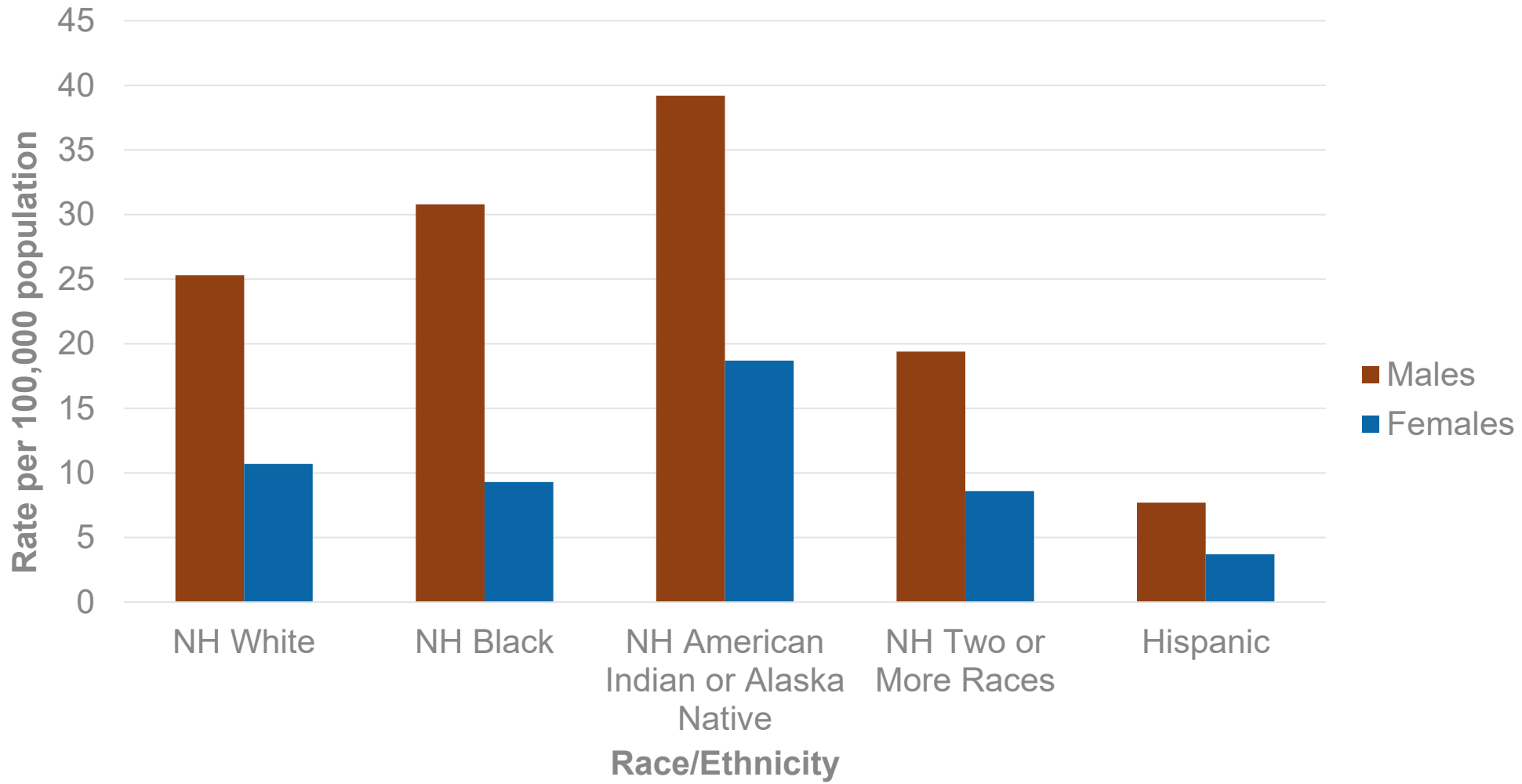
Unintentional Methamphetamine Overdose Death Rates by Race/Ethnicity and Sex, Oklahoma, 2020-2024



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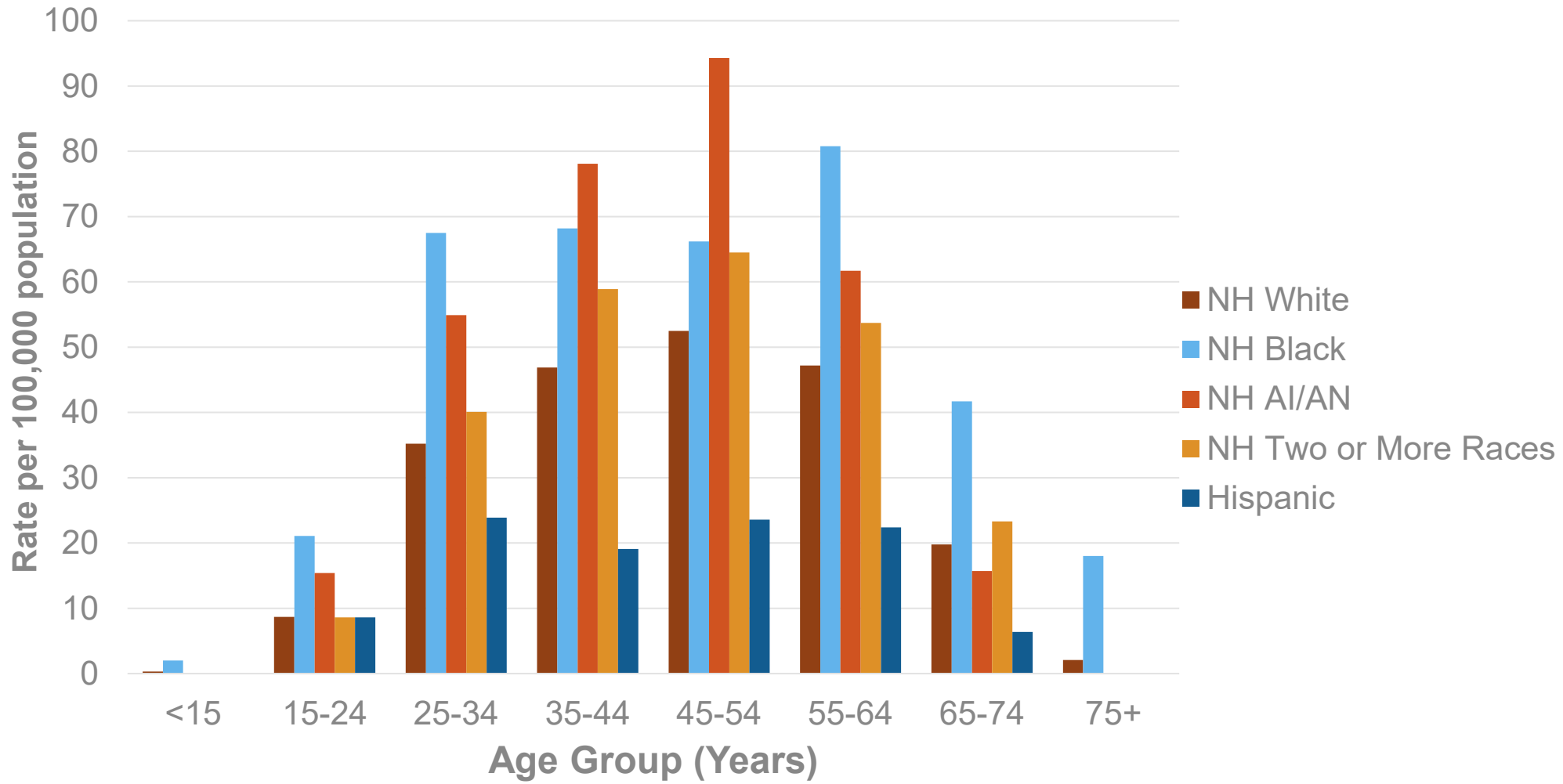
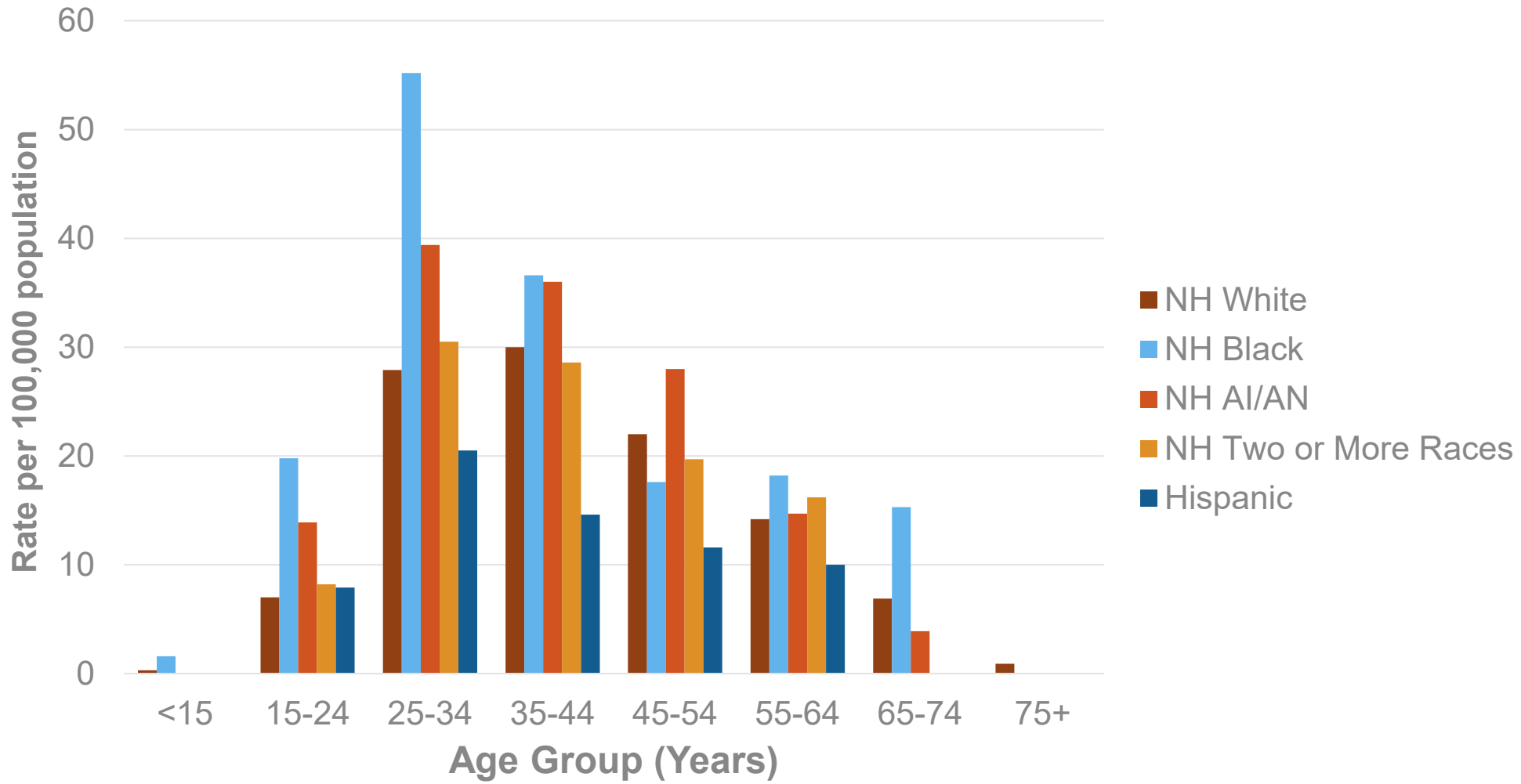
Unintentional Drug Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2020-2024



NH=Non-Hispanic, AI/AN=American Indian/Alaskan Native

Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Unintentional Opioid Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2020-2024



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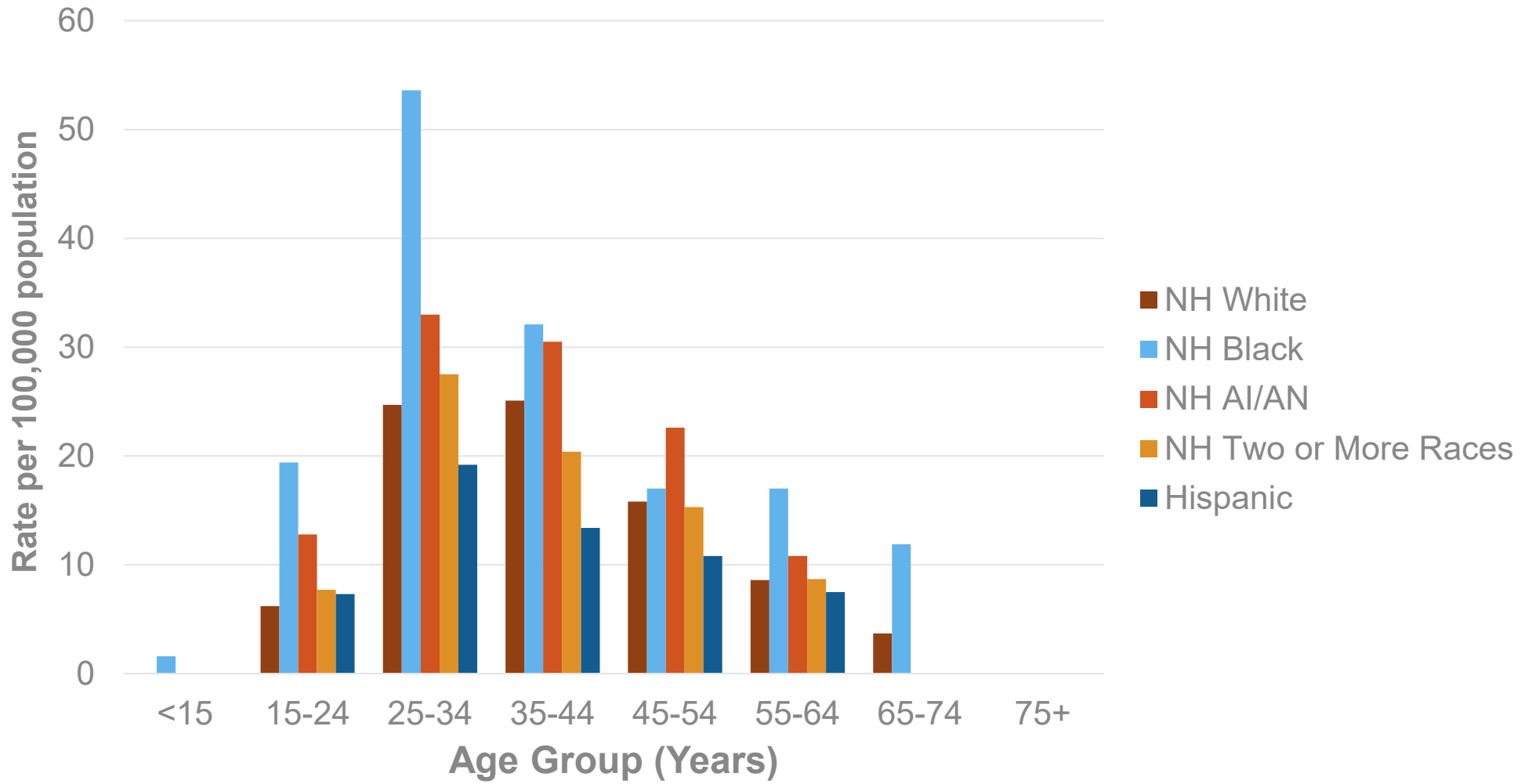
Unintentional Fentanyl Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2020-2024



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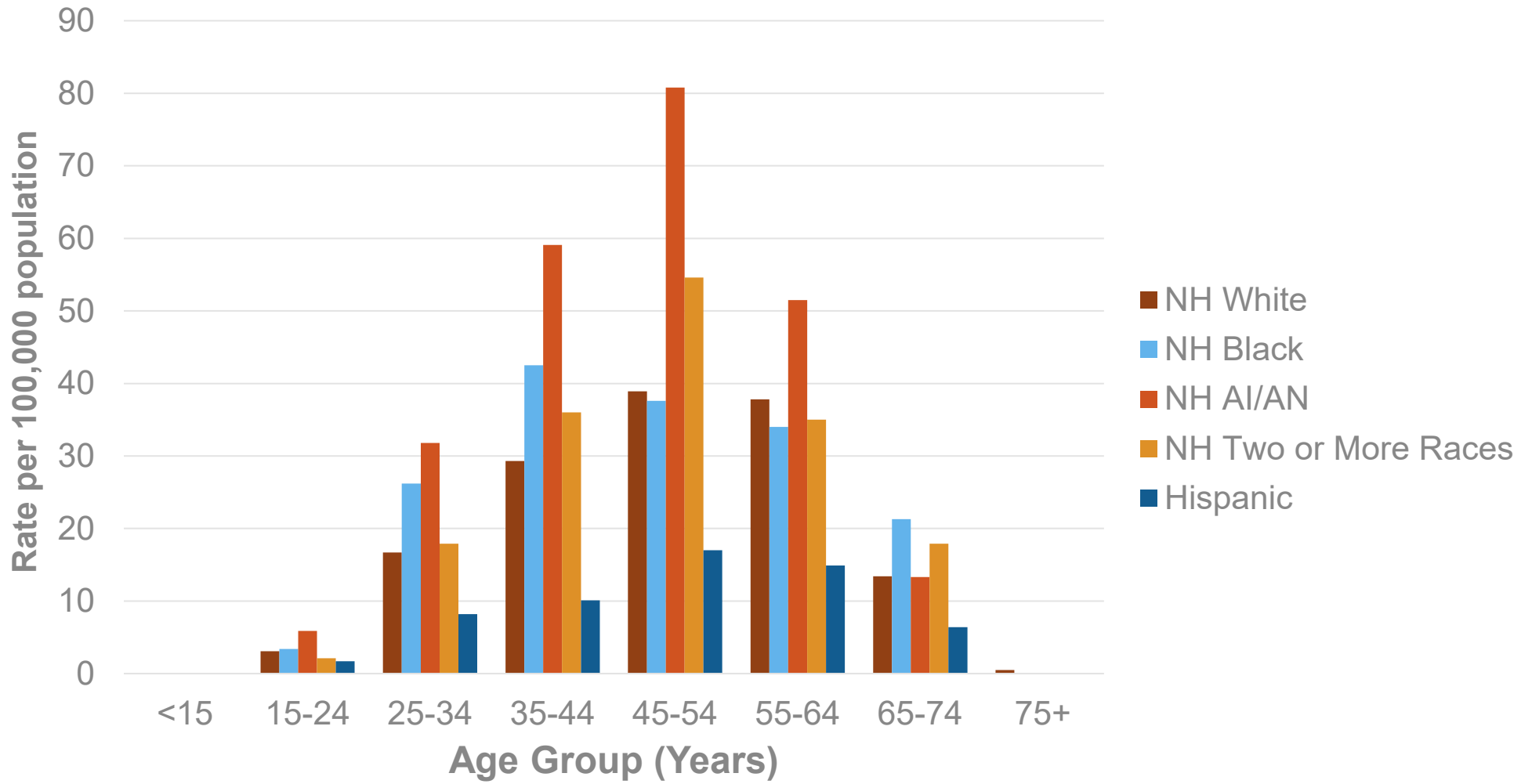
Unintentional Methamphetamine Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2020-2024



NH=Non-Hispanic, AI/AN=American Indian/Alaskan Native

Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

Drug Overdose by Severity, Oklahoma, 2024

- **Number of Deaths – 1,137**
- **Number of Inpatient Hospitalizations (nonfatal) – 4,228**
- **Number of Emergency Department Visits (nonfatal) – 6,804**

Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System
OSDH, Center for Health Statistics, Hospital Discharge Data

Overdose Distribution by Age Group, Sex, Intent, and Overdose Severity, Oklahoma, 2024

- **Deaths**
  - Male (69%)
  - Age groups: 45-54, 55-64 (23%), 35-44 (22%)

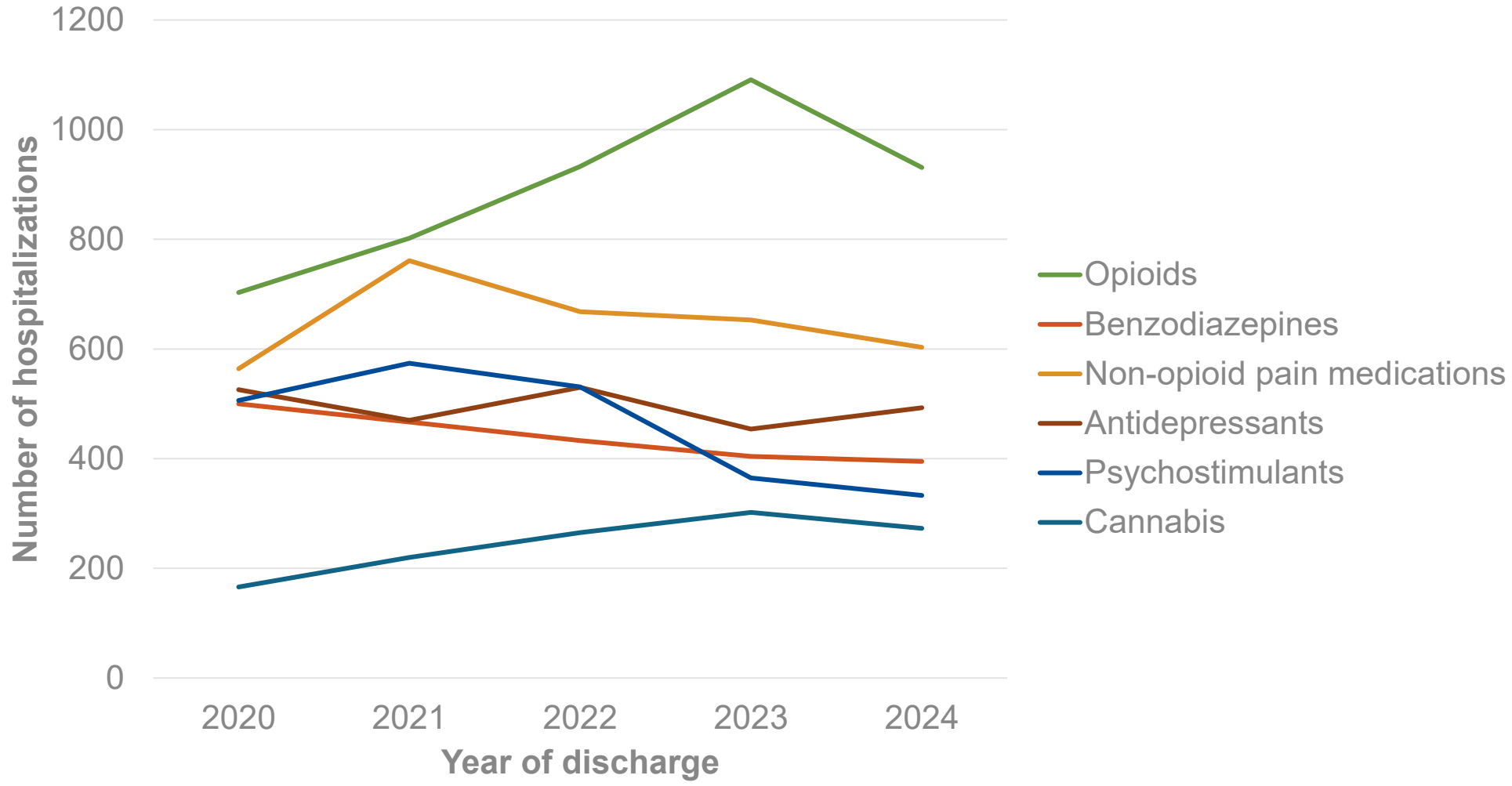
- **Inpatient Hospitalizations (nonfatal)**
  - Female (58%)
  - Age groups: 15-24 (18%), 35-44 (15%), 25-34, 55-64 (14%)
  - Intent: Unintentional (48%), Self-harm (48%)

- **Emergency Department (nonfatal)**
  - Female (54%)
  - Age groups: <15 (23%), 15-24 (21%), 25-34 (17%)
  - Intent: Unintentional (67%), Self-harm (29%)

Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System
OSDH, Center for Health Statistics, Hospital Discharge Data

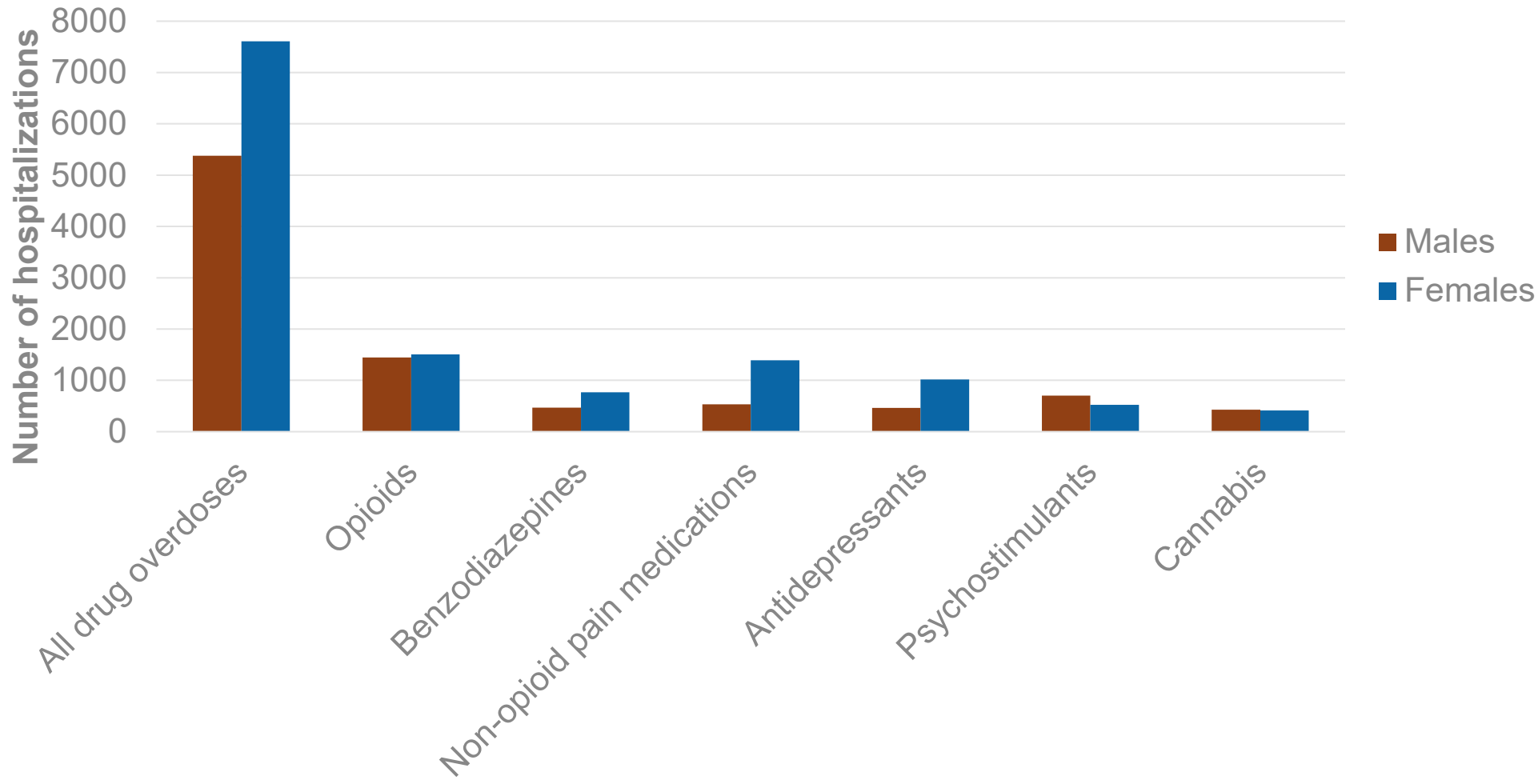
Overdose inpatient hospitalization data

Most Common Substances Involved in Drug Overdose Hospitalizations by Year of Discharge, Oklahoma, 2020-2024



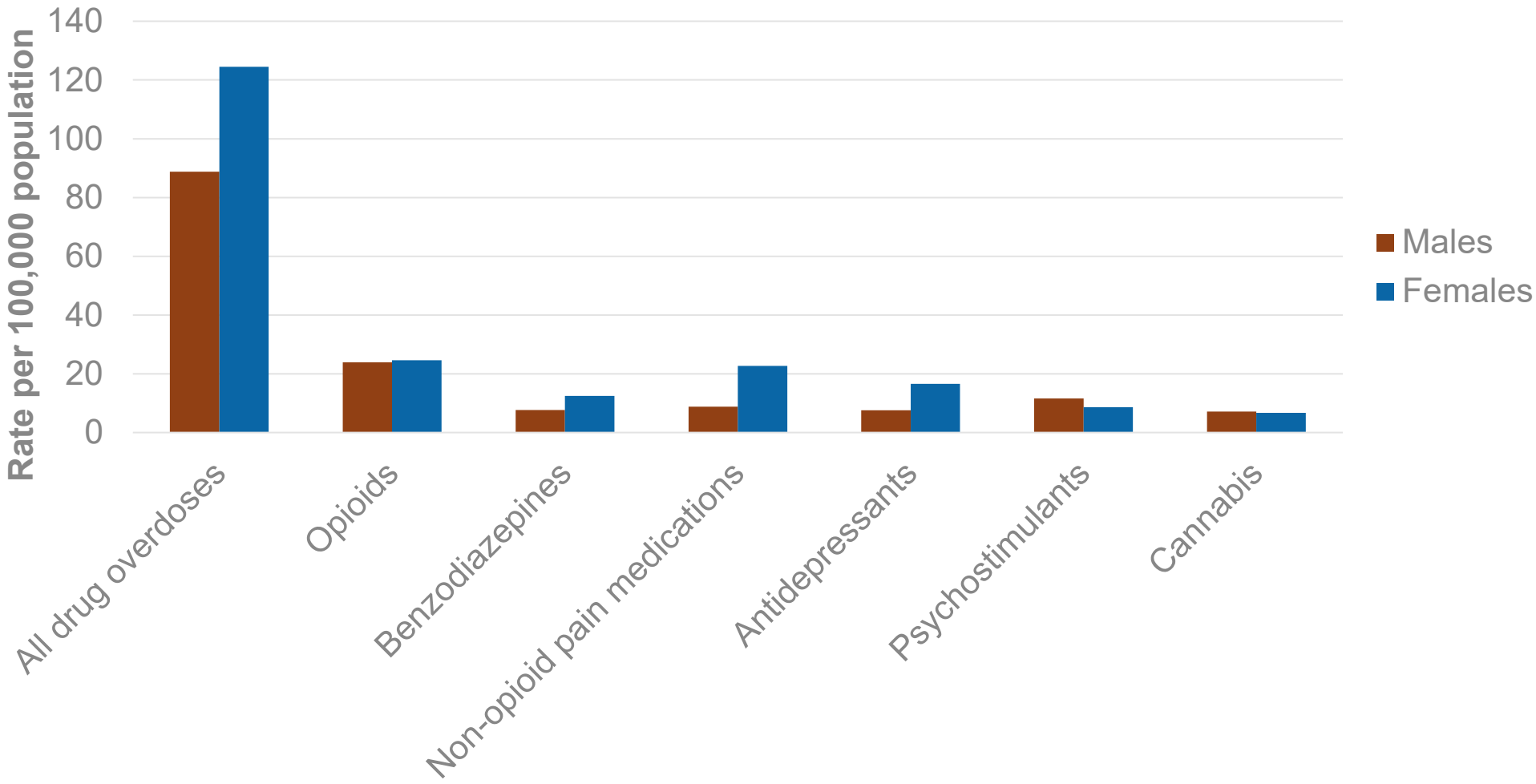
Source: OSDH, Center for Health Statistics, Oklahoma Hospital Discharge Data

Most Common Substances Involved in Drug Overdose Hospitalizations by Sex, Oklahoma, 2022-2024



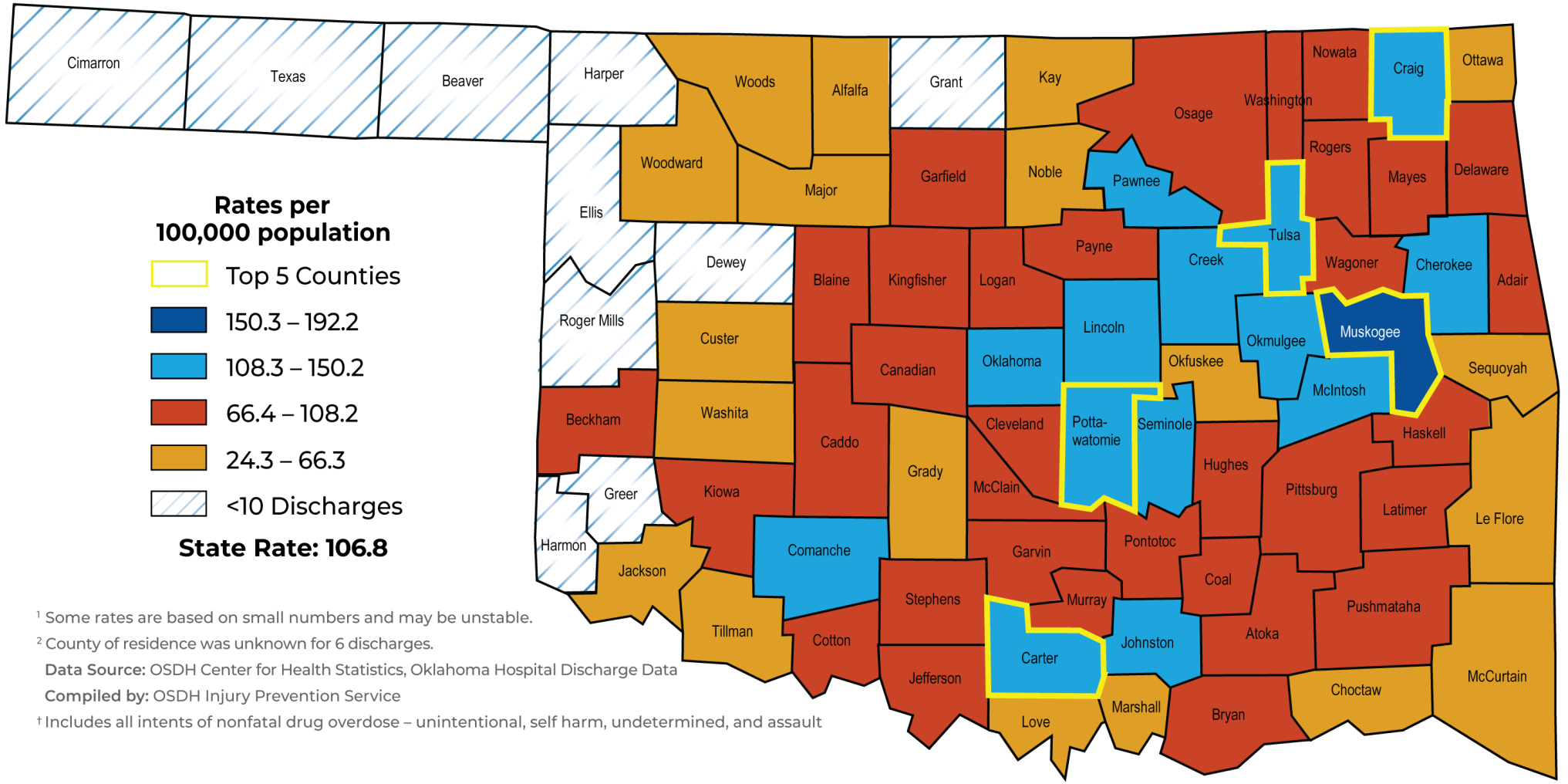
Source: OSDH, Center for Health Statistics, Oklahoma Hospital Discharge Data

Drug Overdose Hospitalization Rates by Sex and Substance, Oklahoma, 2022-2024



Source: OSDH, Center for Health Statistics, Oklahoma Hospital Discharge Data

Drug Overdose Hospitalization† Rates[1] by County of Residence[2], Oklahoma, 2022-2024



[1] Some rates are based on small numbers and may be unstable.

[2] County of residence was unknown for 6 discharges.

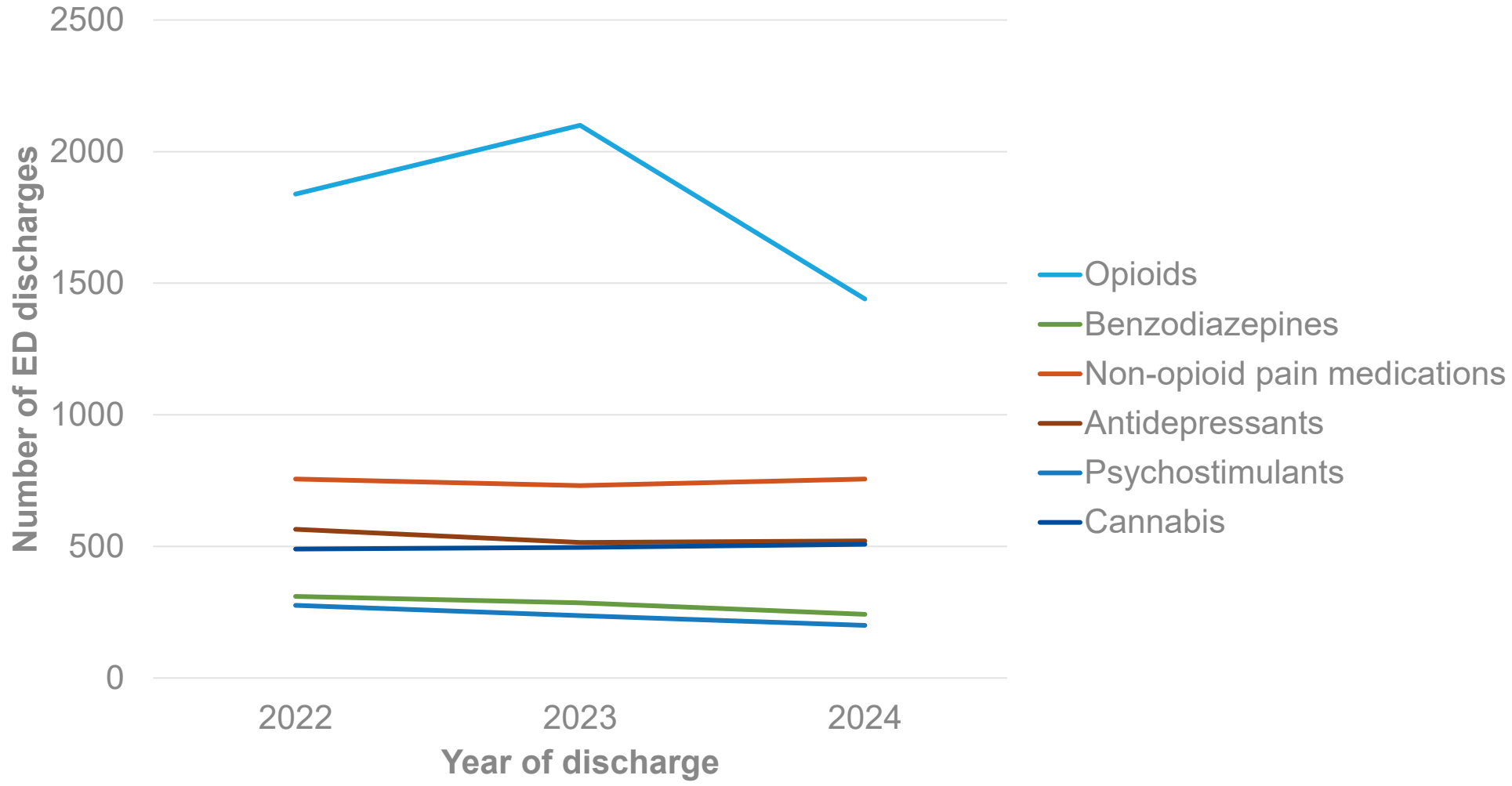
Data Source: OSDH Center for Health Statistics, Oklahoma Hospital Discharge Data

Compiled by: OSDH Injury Prevention Service

† Includes all intents of nonfatal drug overdose – unintentional, self harm, undetermined, and assault

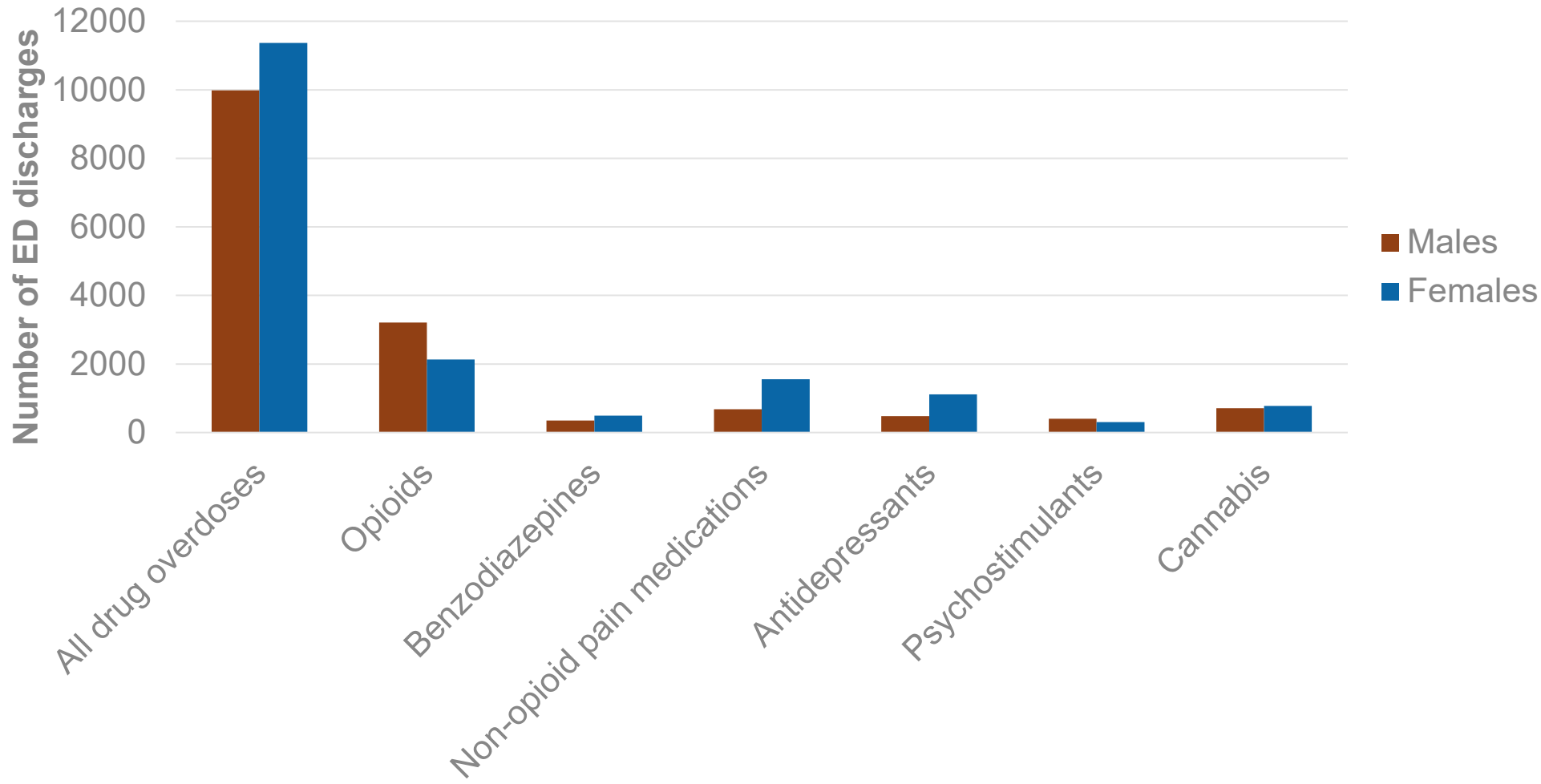
Overdose emergency department discharge data

Most Common Substances Involved in Drug Overdose ED Discharges by Year of Discharge, Oklahoma, 2022-2024



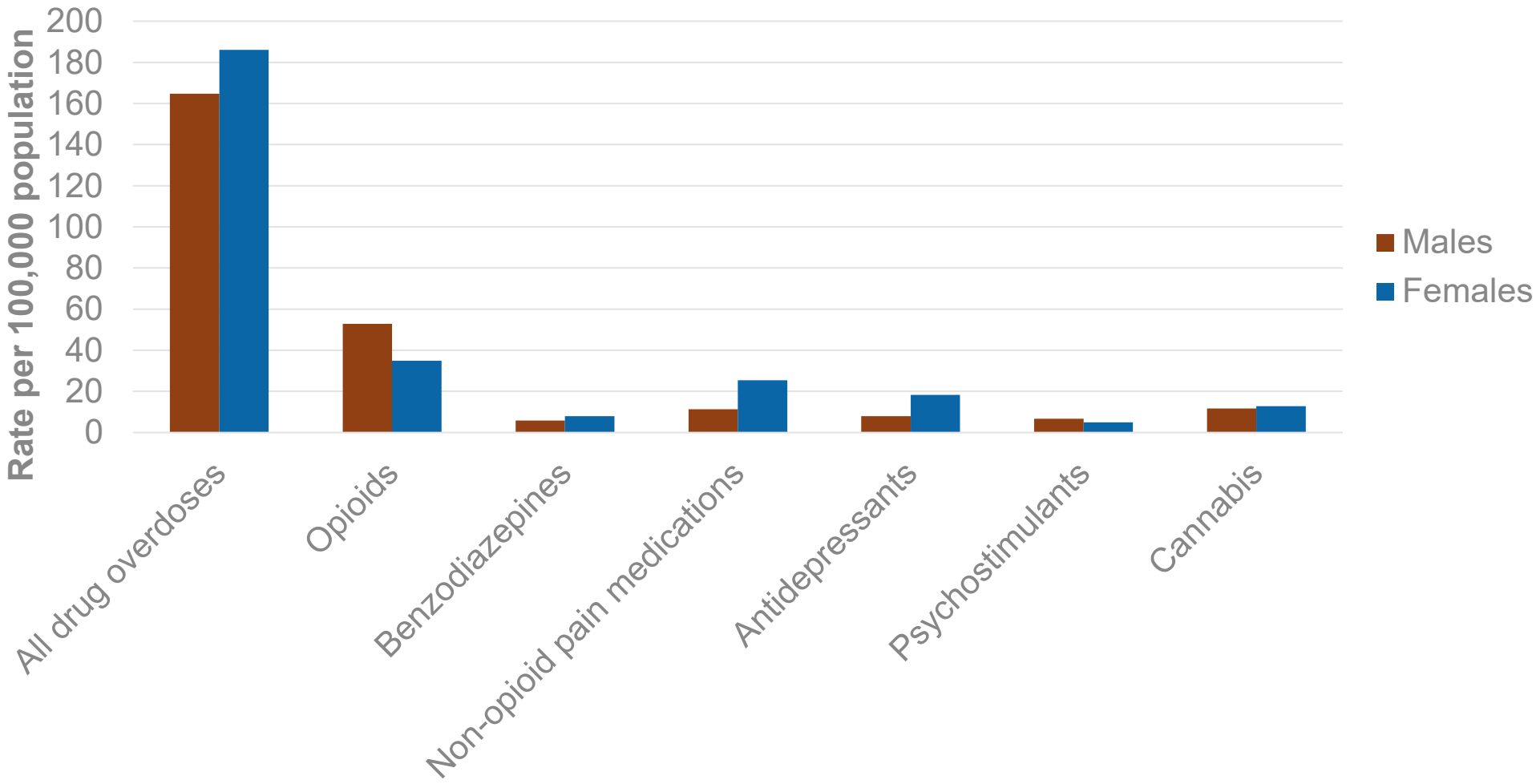
Source: OSDH, Center for Health Statistics, Oklahoma Hospital Discharge Data

Most Common Substances Involved in Drug Overdose ED Discharges by Sex, Oklahoma, 2022-2024



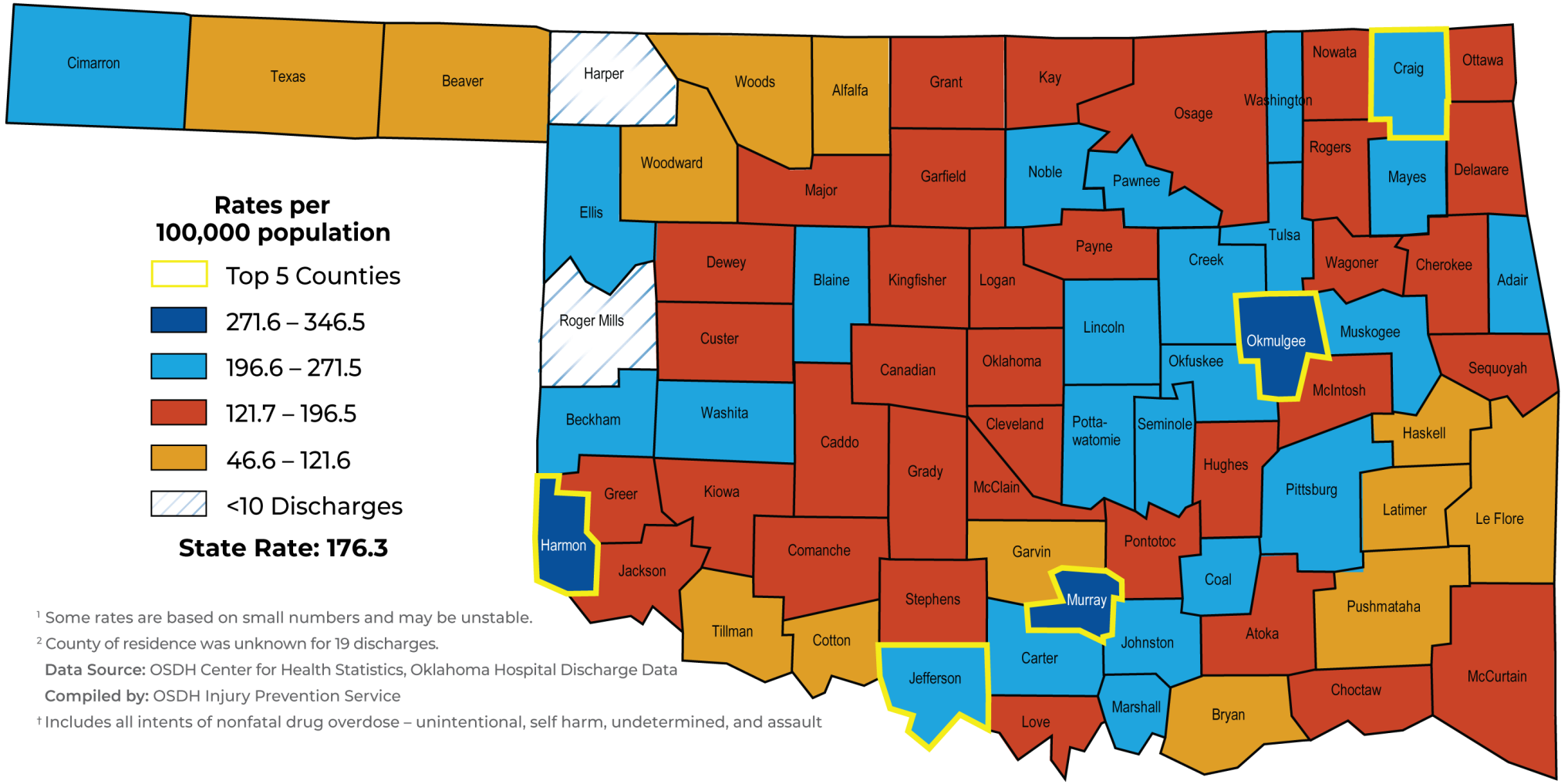
Source: OSDH, Center for Health Statistics, Oklahoma Hospital Discharge Data

Drug Overdose ED Discharge Rates by Sex and Substance, Oklahoma, 2022-2024



Source: OSDH, Center for Health Statistics, Oklahoma Hospital Discharge Data

Drug Overdose ED Discharge† Rates[1] by County of Residence[2], Oklahoma, 2022-2024



[1] Some rates are based on small numbers and may be unstable.

[2] County of residence was unknown for 19 discharges.

Data Source: OSDH Center for Health Statistics, Oklahoma Hospital Discharge Data

Compiled by: OSDH Injury Prevention Service

† Includes all intents of nonfatal drug overdose – unintentional, self harm, undetermined, and assault