

# ➤ Drug Overdose in Oklahoma: Data Update

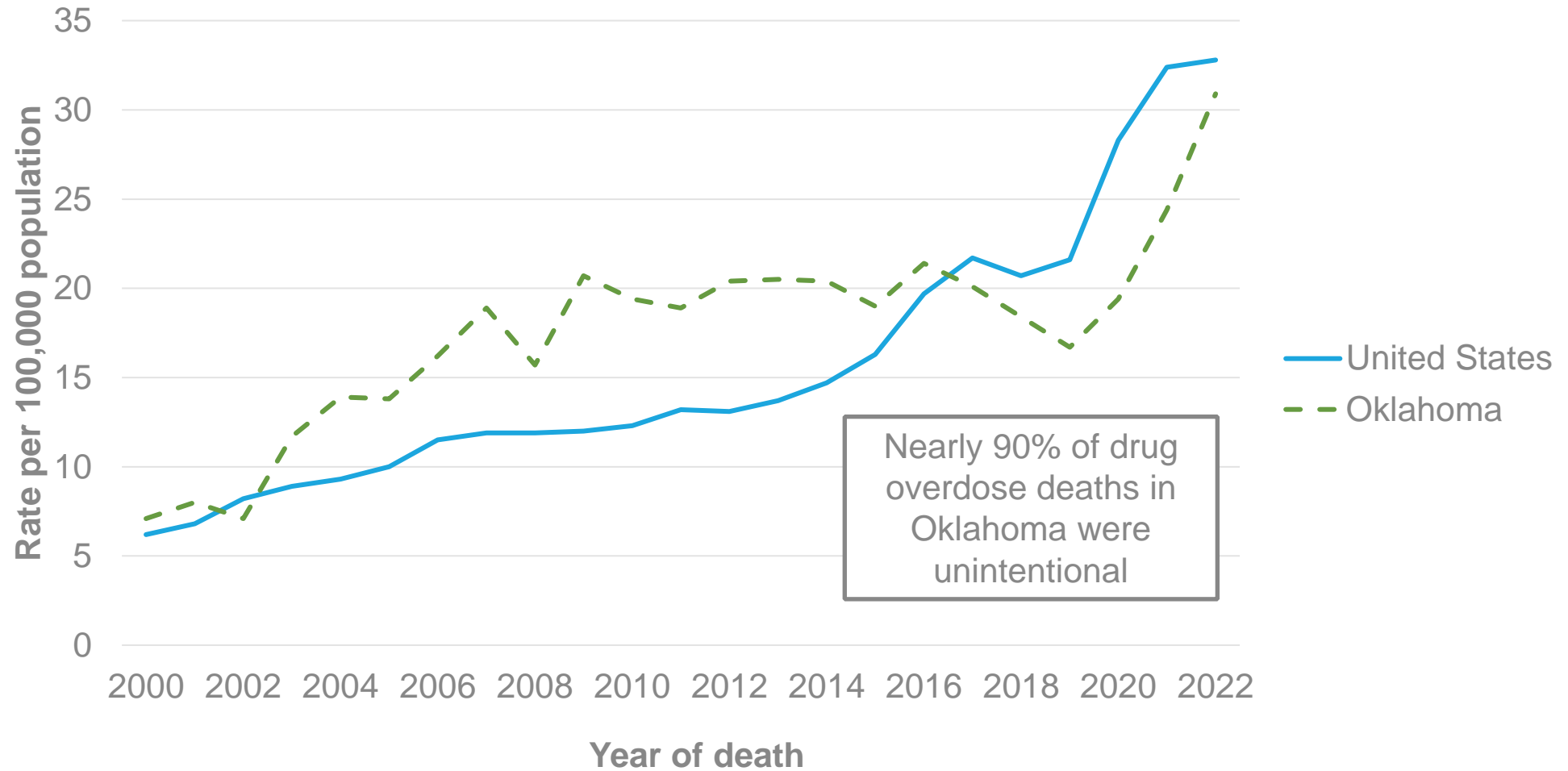
Oklahoma State Department of Health  
Injury Prevention Service



# Overdose death data



# ➤ Age-adjusted Drug Overdose Death Rates (All Intentions), Oklahoma and United States, 2000-2022\*

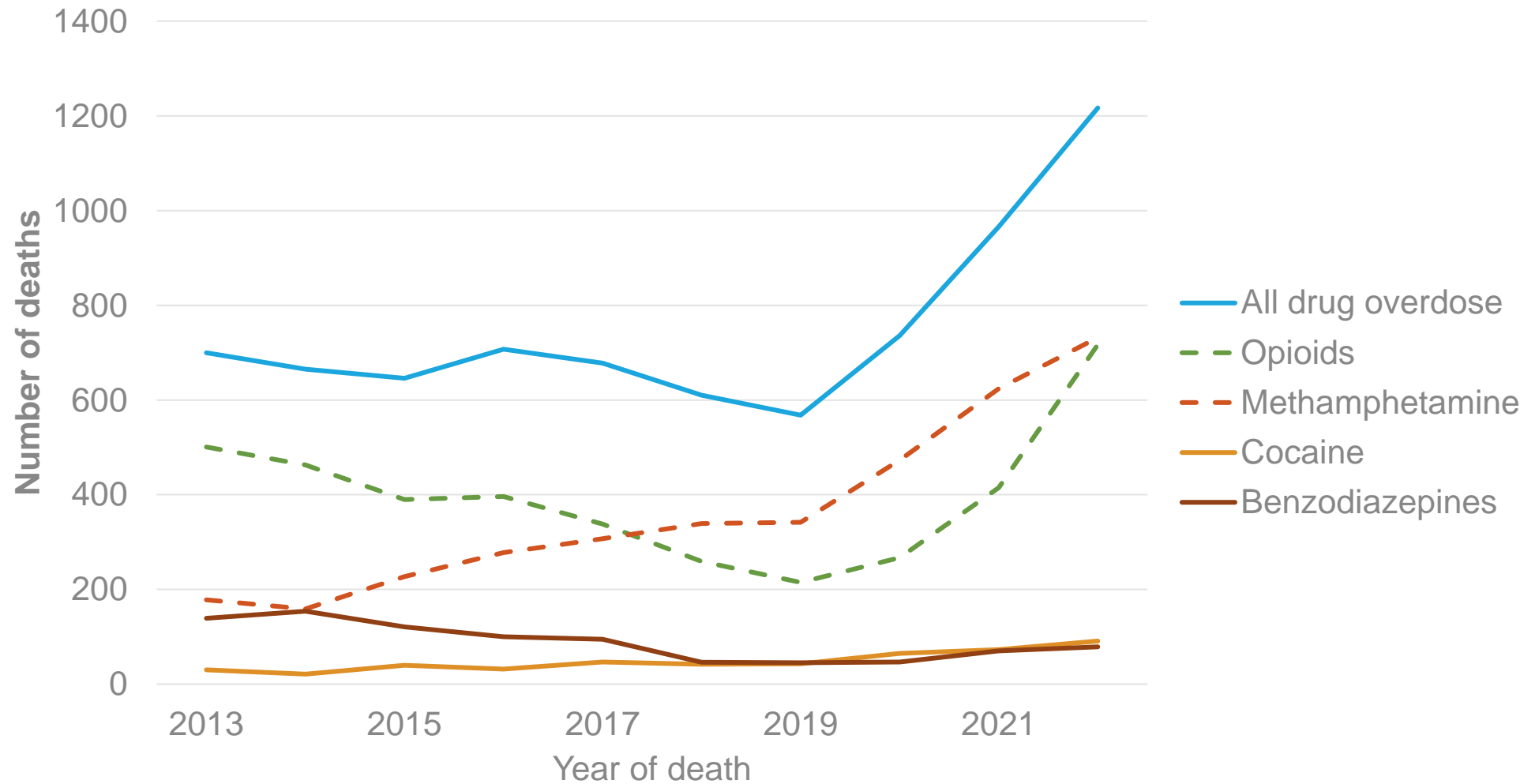


\*2022 data are provisional.

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



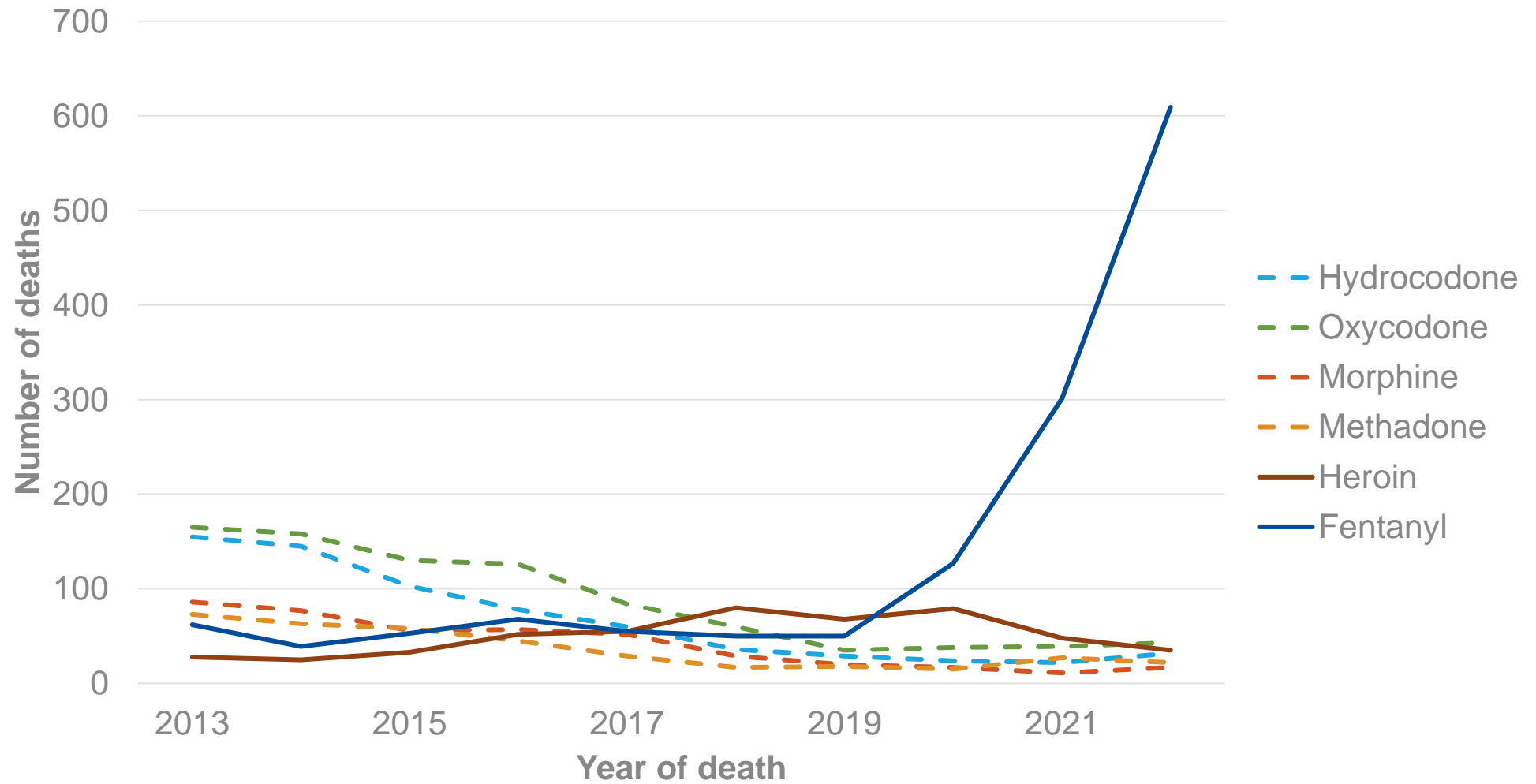
# ► Unintentional Drug Overdose Deaths by Type of Drug, Oklahoma, 2013-2022



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



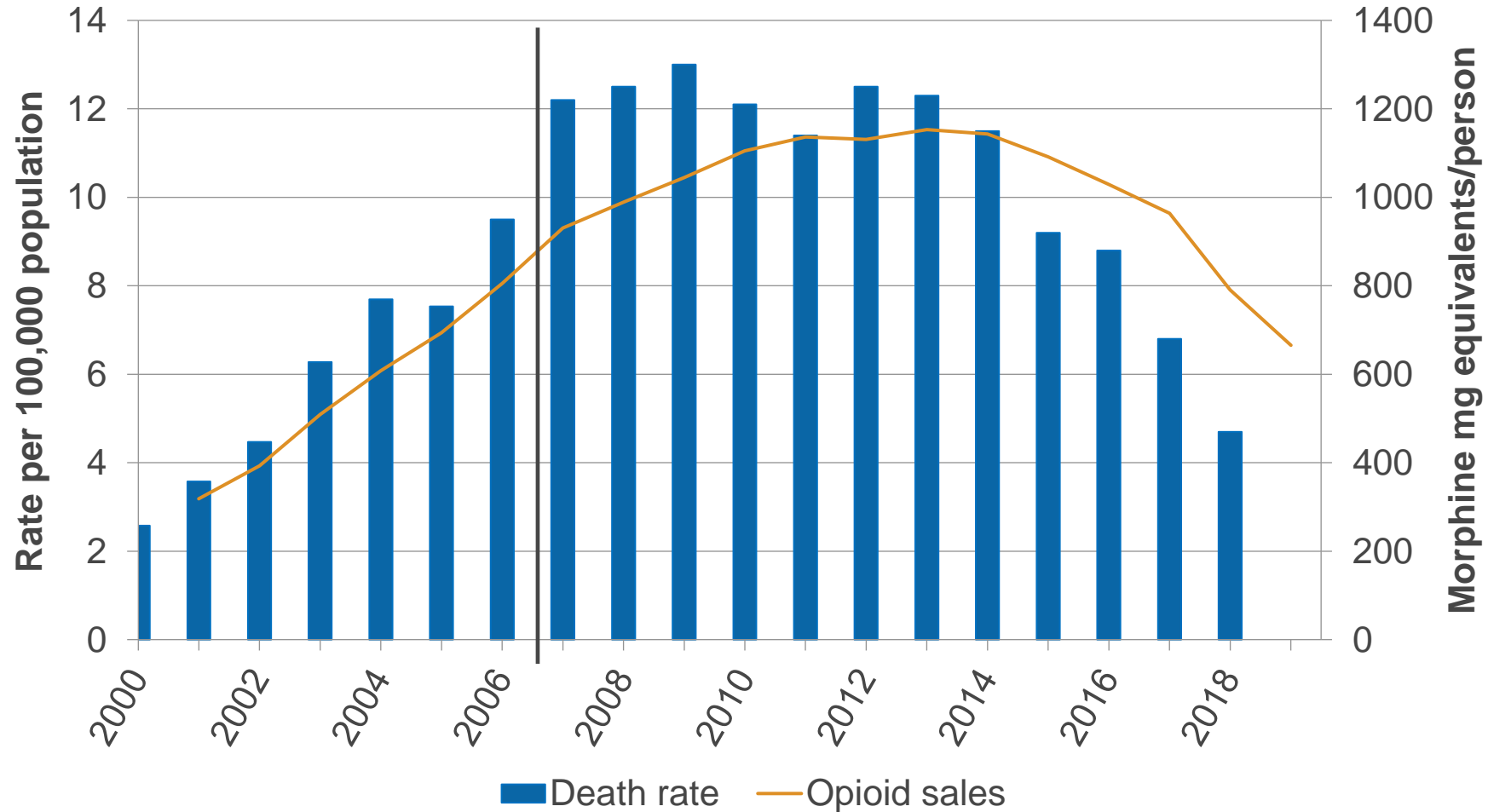
# ► Unintentional Opioid Overdose Deaths by Drug, Oklahoma, 2013-2022



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



# Unintentional Prescription<sup>1</sup> Opioid-related Overdose Death Rates<sup>2</sup> and Opioid Sales per Person<sup>3</sup>, Oklahoma, 2000-2019



<sup>1</sup>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)

<sup>2</sup>OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

<sup>3</sup>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, 2013-2022

Drug	Number of Deaths									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
All Drug Overdose	700	665	646	707	678	610	568	736	966	1217
Prescription	535	505	415	424	339	248	198	*	*	*
Prescription Opioids	471	432	355	344	266	185	156	*	*	*
Opioids	501	463	390	396	338	259	215	267	415	717
Fentanyl	62	39	53	68	55	50	50	127	301	609
Benzodiazepines	139	154	121	100	95	46	45	47	70	79
Methamphetamine	178	159	227	278	307	339	342	473	624	732
Heroin	28	25	33	52	55	80	68	79	48	35

\*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).



## ► Unintentional Drug Overdose Deaths by Month of Death, Oklahoma, 2018-2022

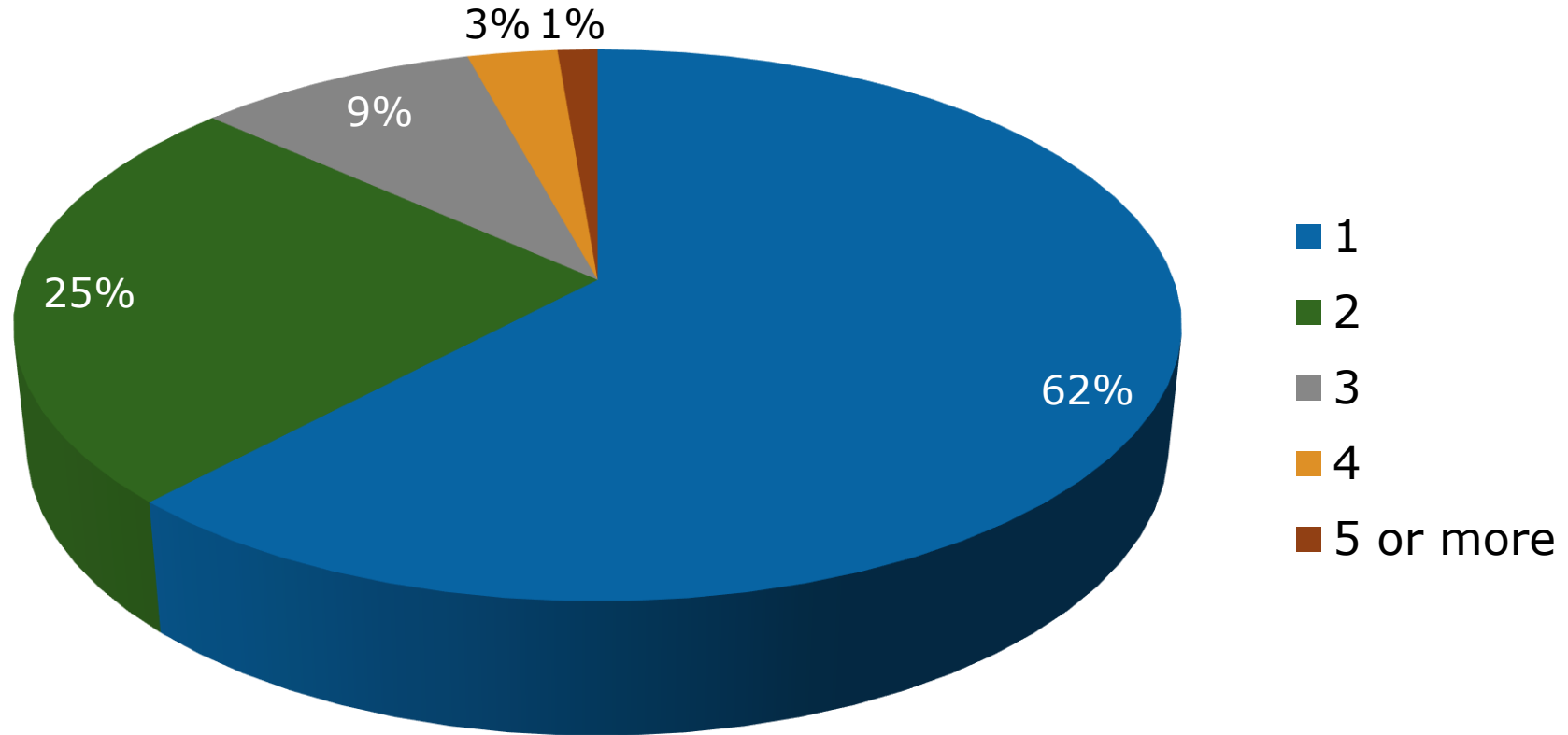
Month of death	2018	2019	2020	2021	2022
January	62	41	39	71	100
February	45	35	46	53	105
March	56	39	64	82	106
April	47	47	75	67	80
May	66	55	71	73	95
June	53	45	54	85	101
July	45	49	68	74	102
August	50	49	65	103	103
September	42	62	48	89	94
October	51	40	84	88	109
November	38	54	57	89	100
December	55	52	65	92	122

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





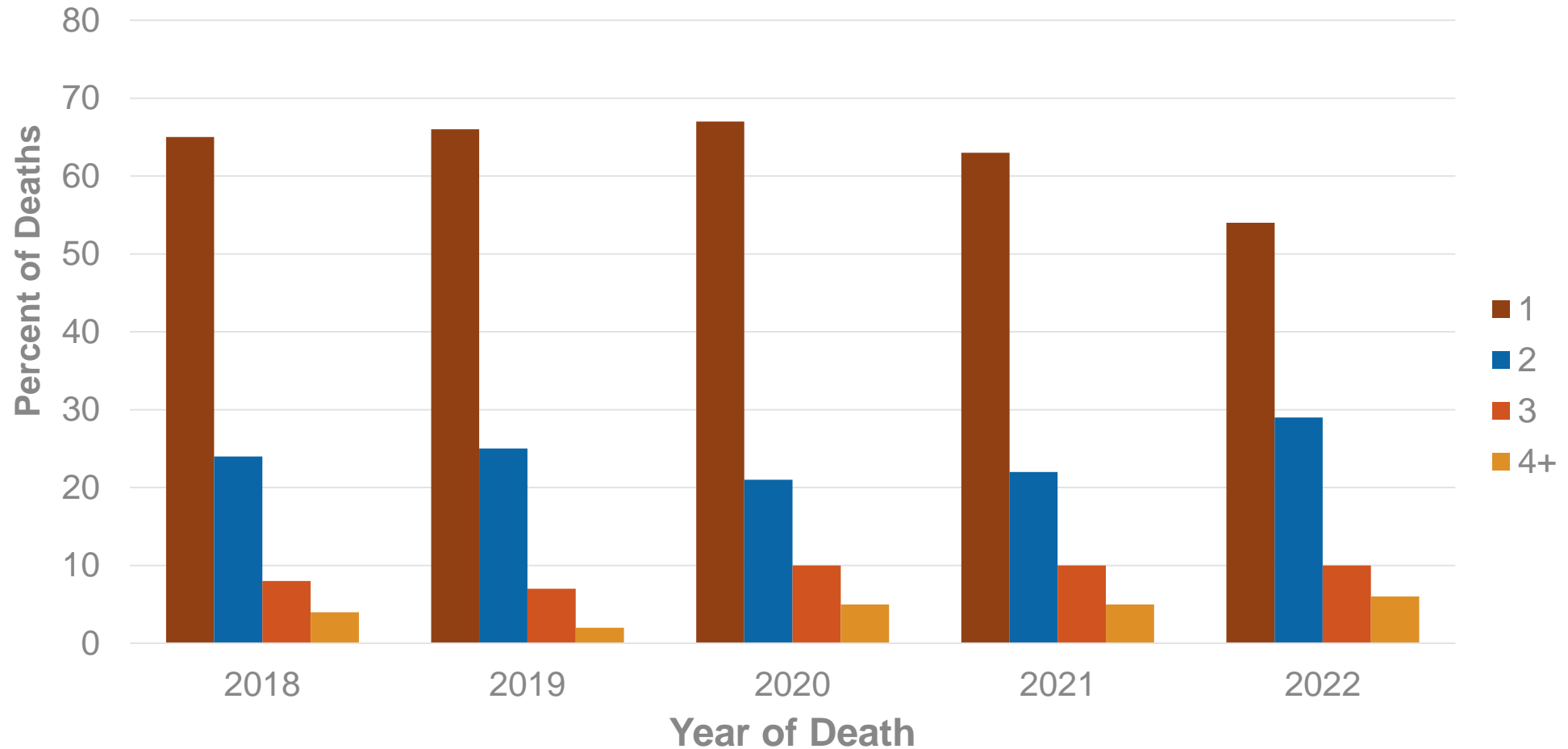
## ➤ Number of Substances Involved in Unintentional Drug Overdose Deaths, Oklahoma, 2018-2022



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



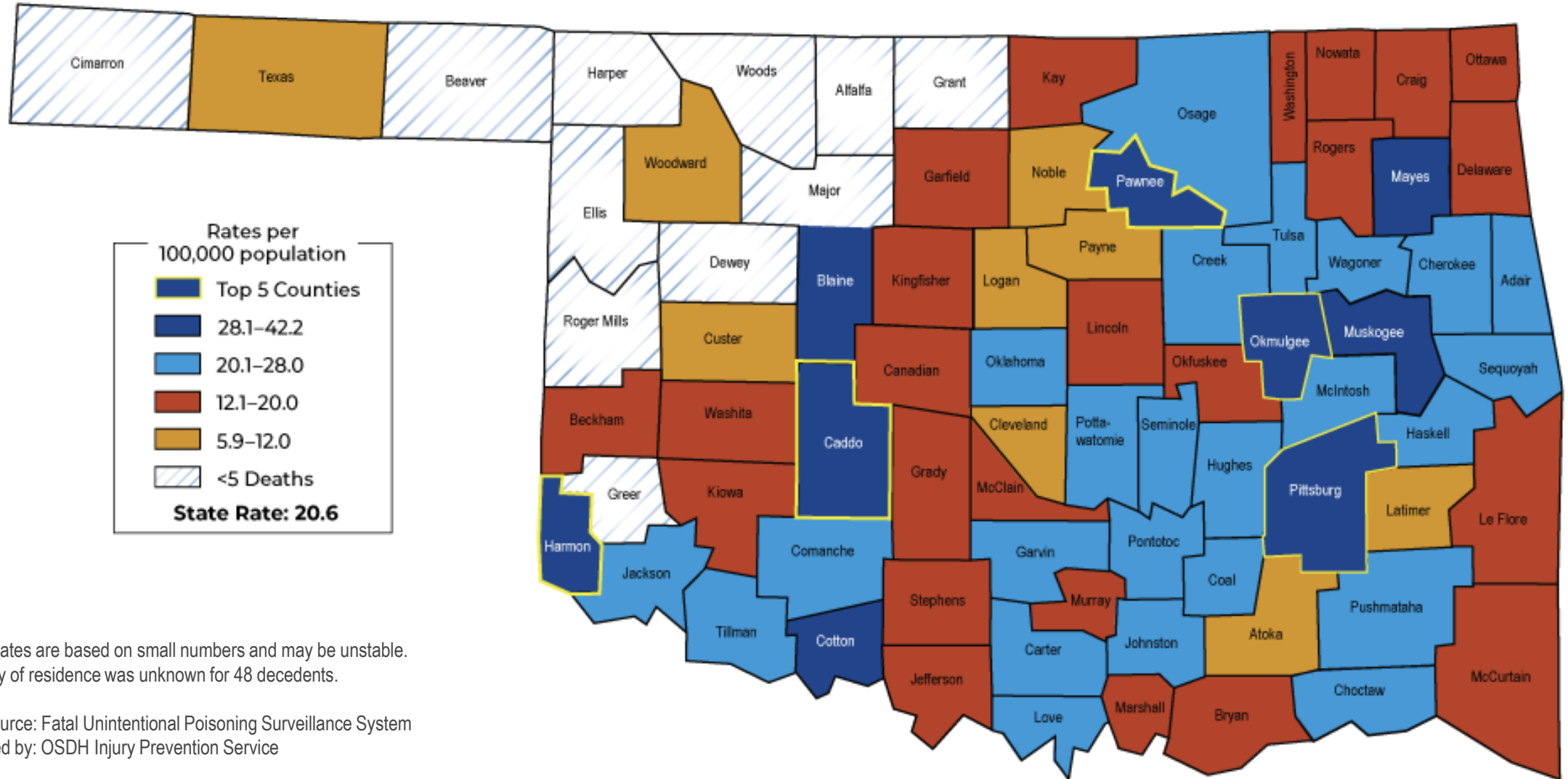
## ➤ Number of Substances Involved in Unintentional Drug Overdose Deaths by Year of Death, Oklahoma, 2018-2022



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



# ➤ Unintentional Drug Overdose Death Rates\* by County of Residence\*\*, Oklahoma, 2018-2022



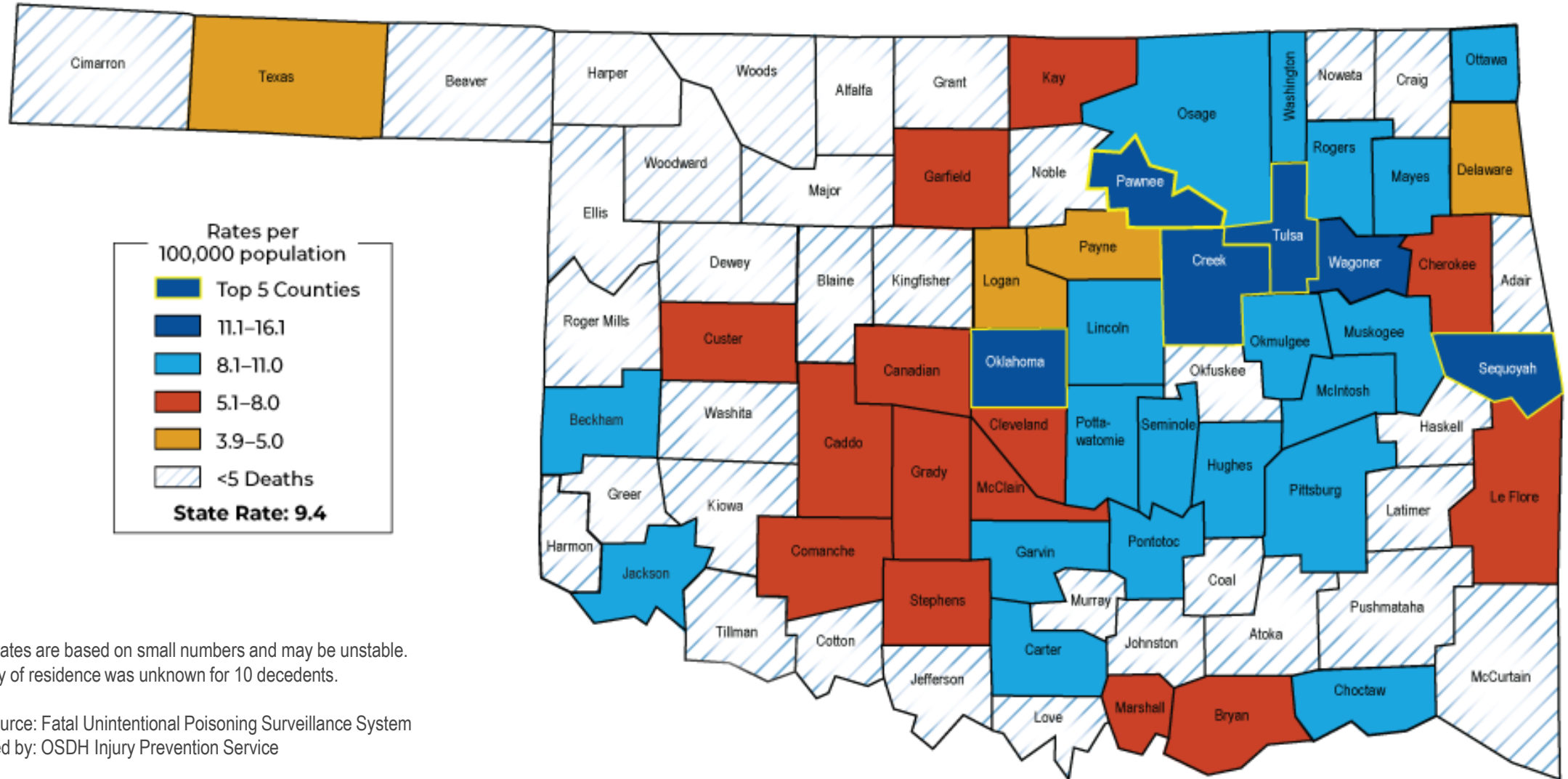
\*Some rates are based on small numbers and may be unstable.

\*\*County of residence was unknown for 48 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System  
 Compiled by: OSDH Injury Prevention Service



# ➤ Unintentional Opioid Overdose Death Rates\* by County of Residence\*\*, Oklahoma, 2018-2022



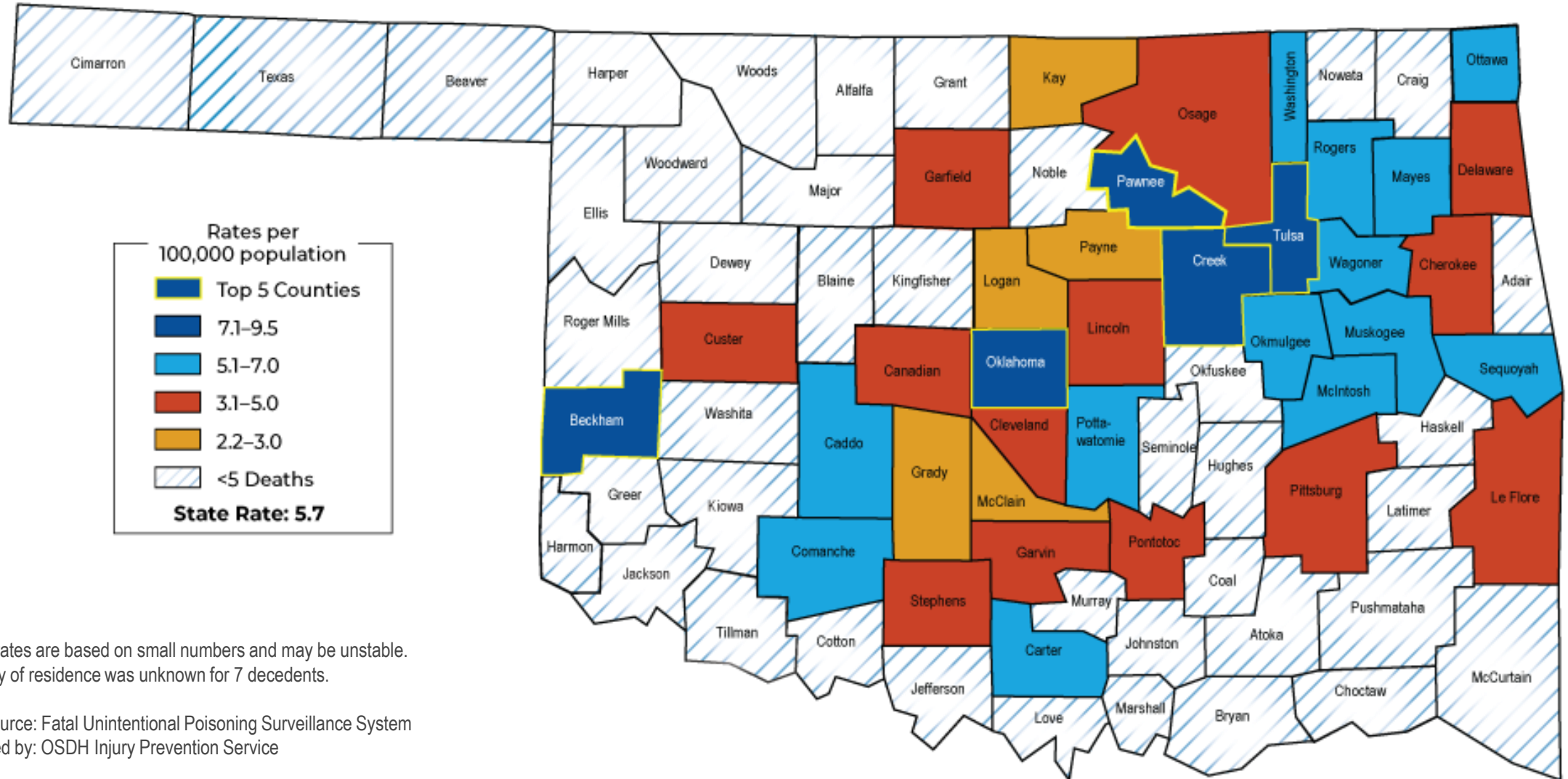
\*Some rates are based on small numbers and may be unstable.

\*\*County of residence was unknown for 10 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System  
 Compiled by: OSDH Injury Prevention Service



## ► Unintentional Fentanyl Overdose Death Rates\* by County of Residence\*\*, Oklahoma, 2018-2022



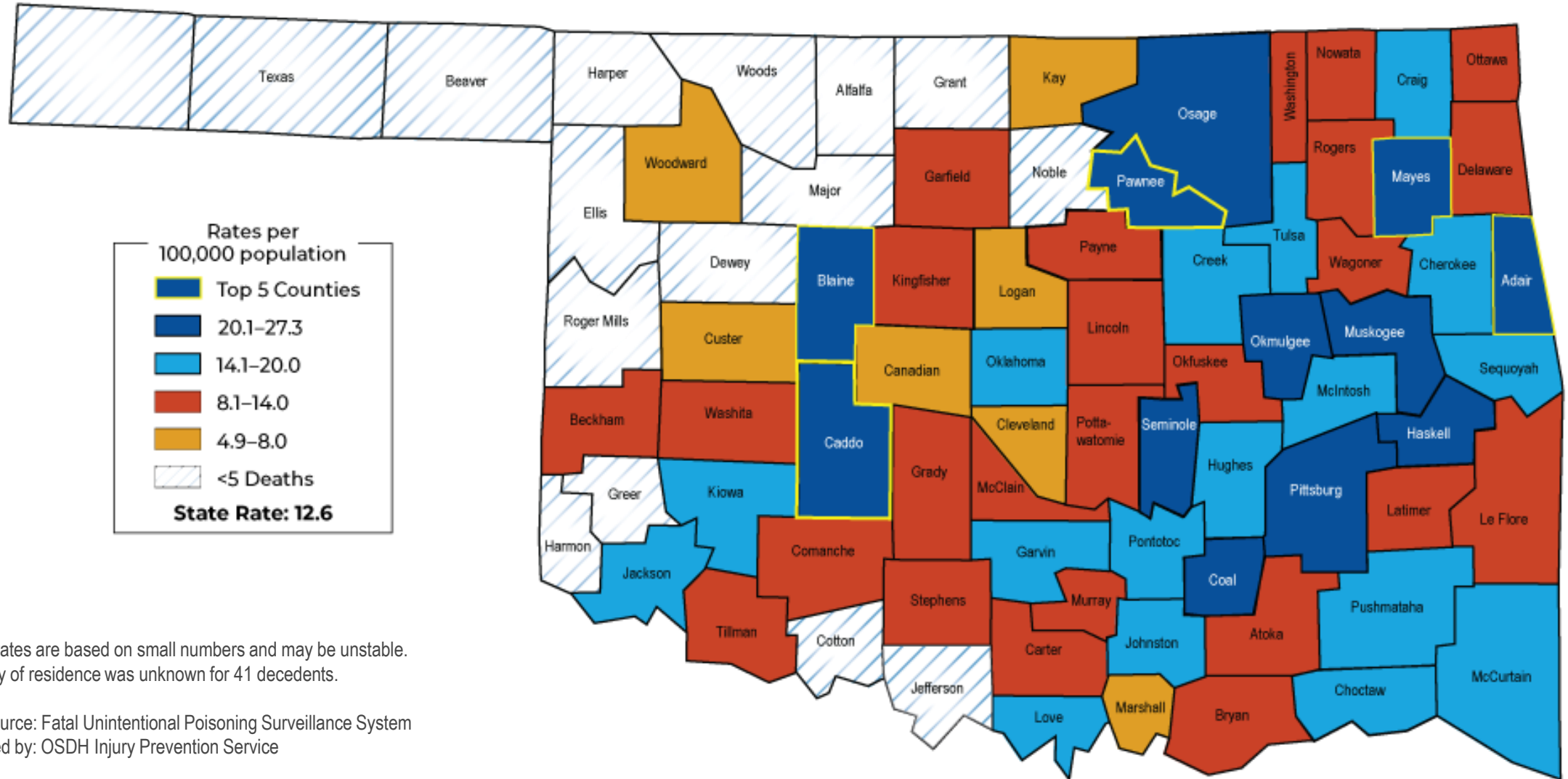
\*Some rates are based on small numbers and may be unstable.

\*\*County of residence was unknown for 7 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System  
Compiled by: OSDH Injury Prevention Service



# ➤ Unintentional Methamphetamine Overdose Death Rates\* by County of Residence\*\*, Oklahoma, 2018-2022



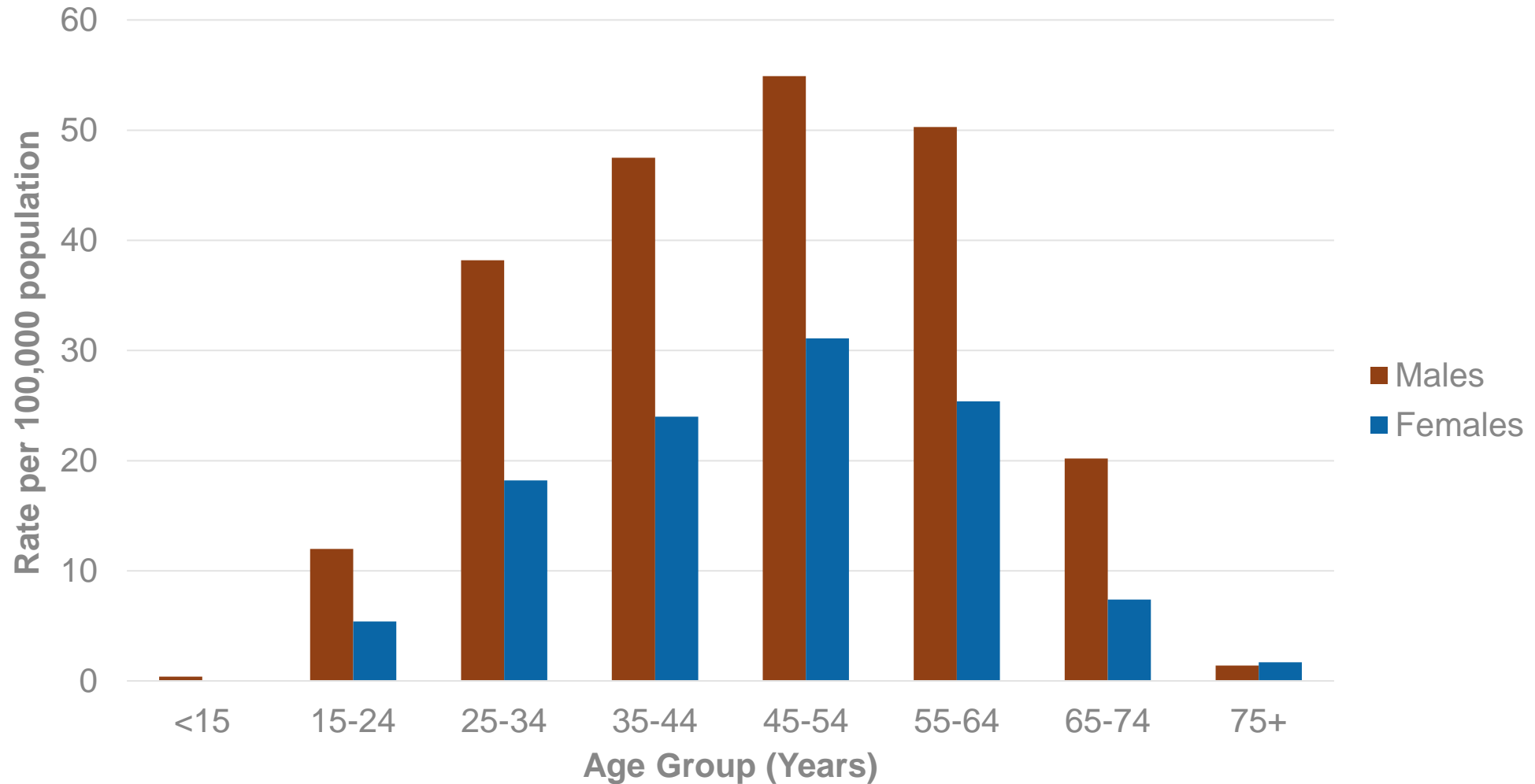
\*Some rates are based on small numbers and may be unstable.

\*\*County of residence was unknown for 41 decedents.

Data Source: Fatal Unintentional Poisoning Surveillance System  
 Compiled by: OSDH Injury Prevention Service

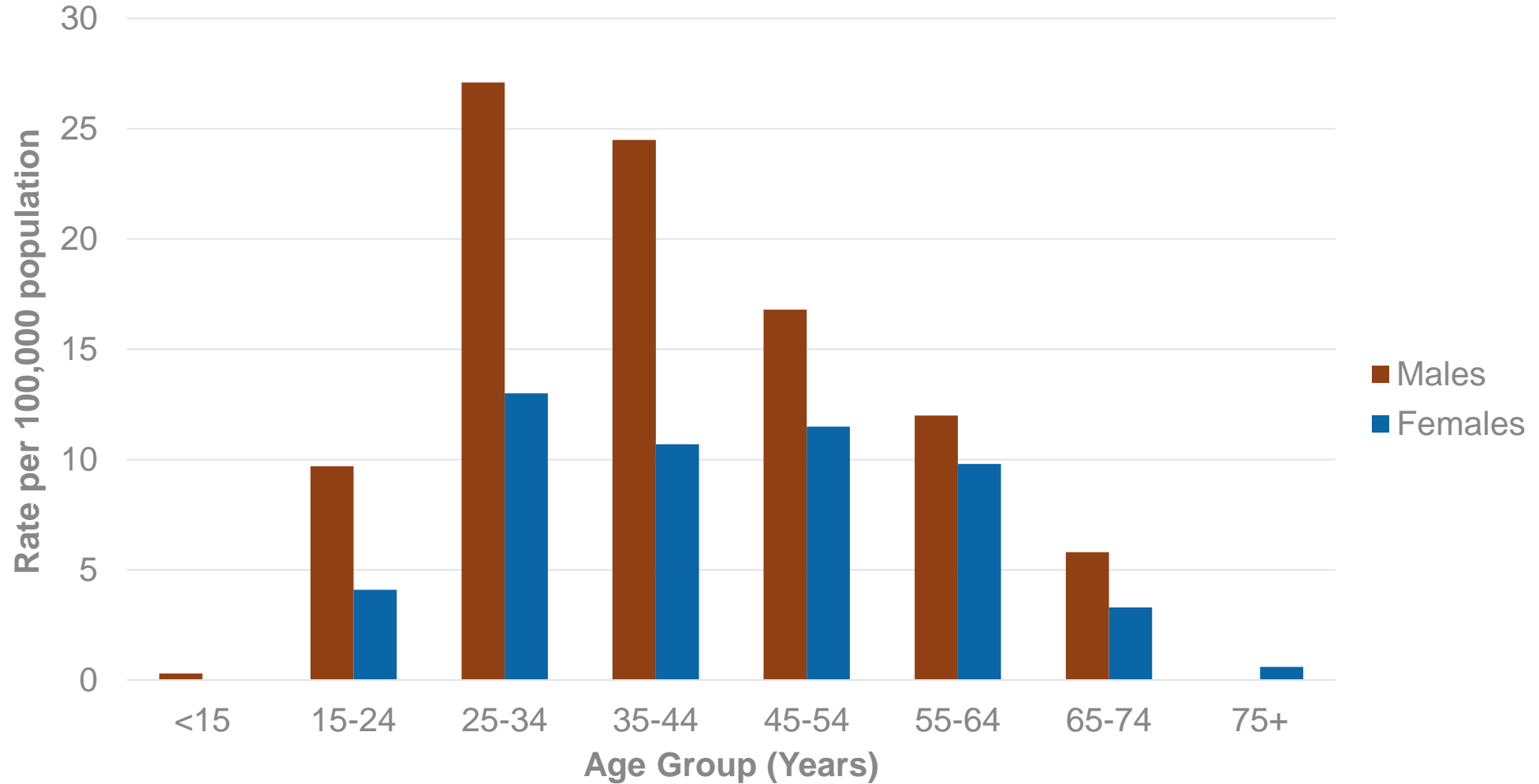


## ➤ Unintentional Drug Overdose Death Rates by Age Group and Gender, Oklahoma, 2018-2022



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

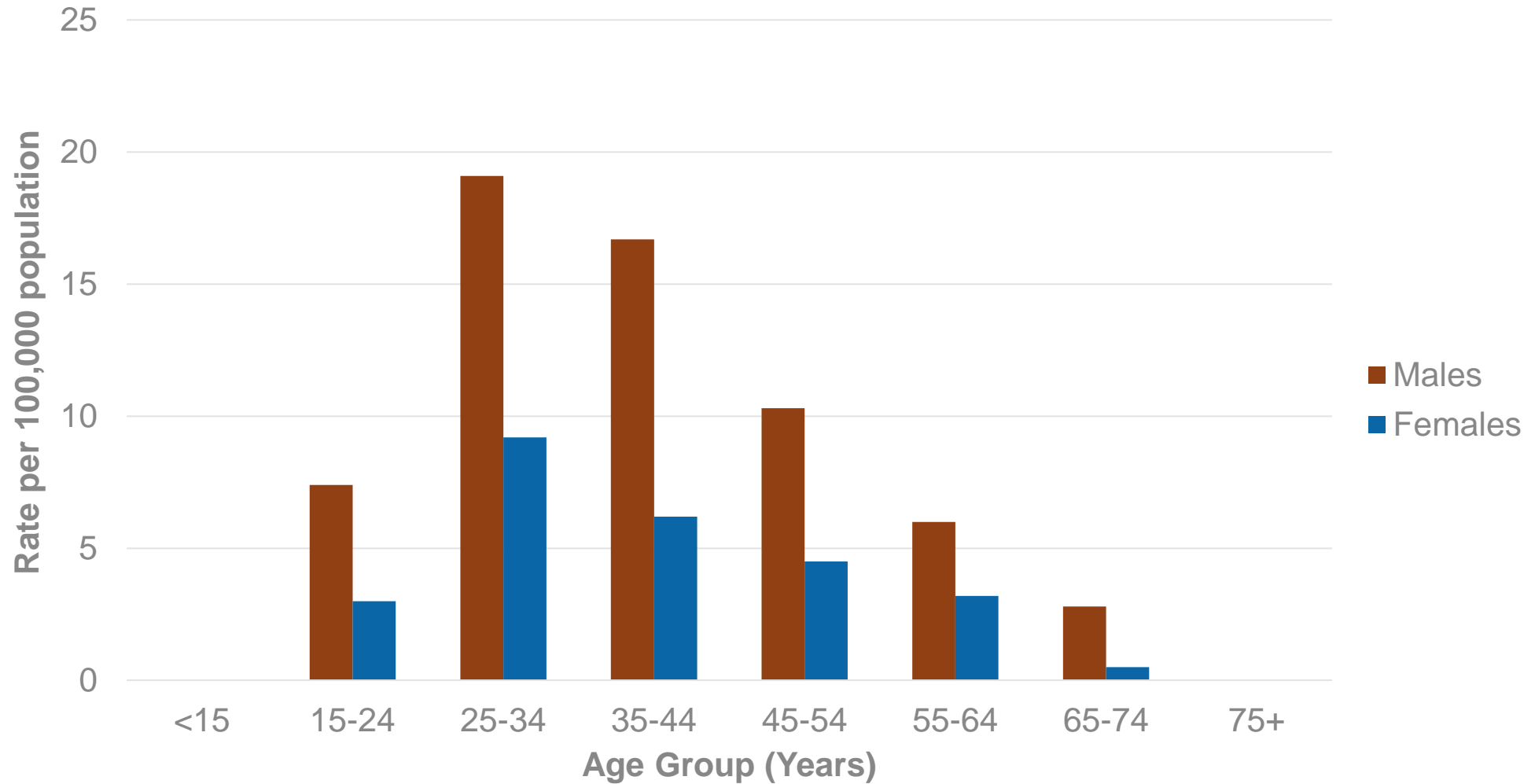
## ➤ Unintentional Opioid Overdose Death Rates by Age Group and Gender, Oklahoma, 2018-2022



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

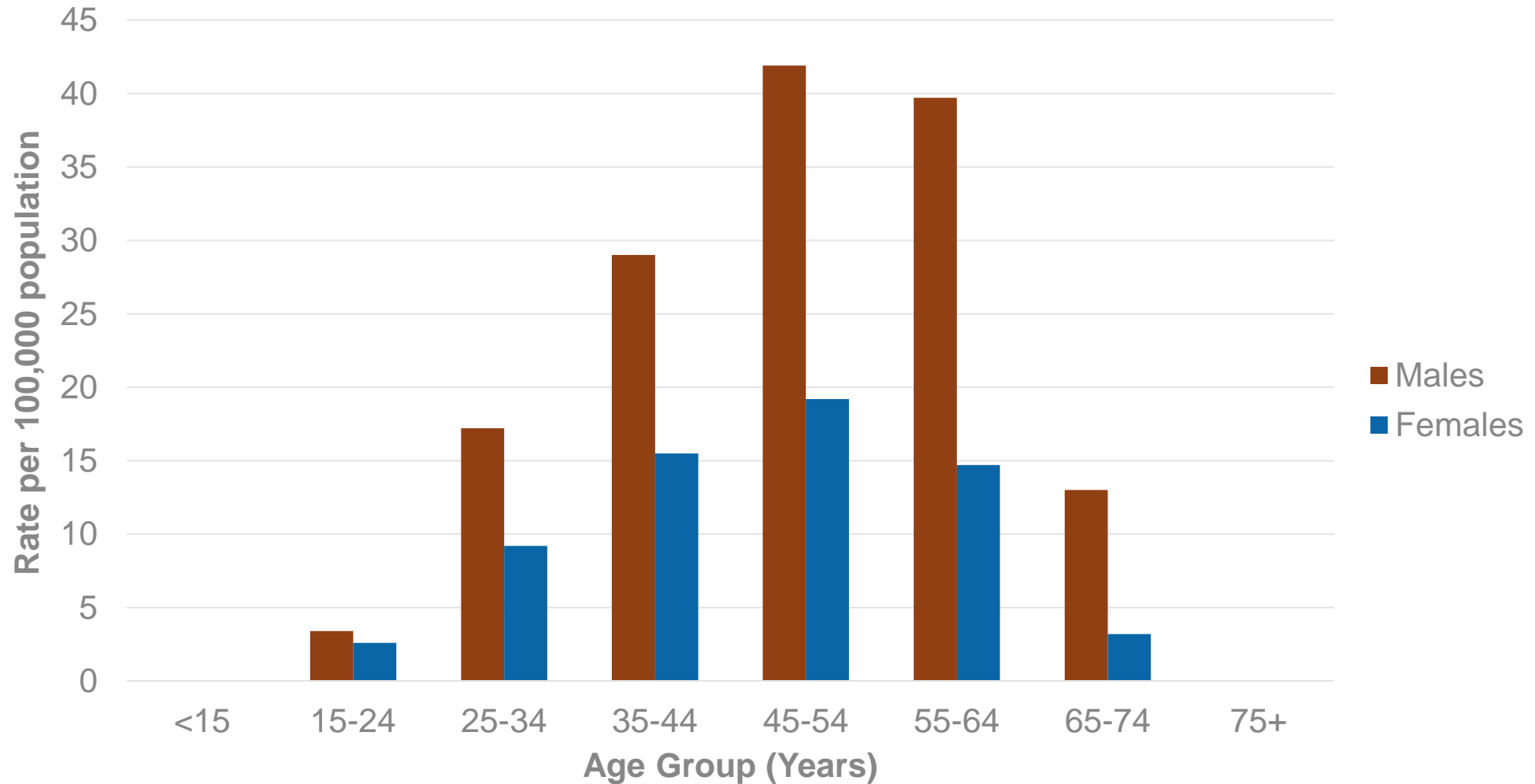


## ➤ Unintentional Fentanyl Overdose Death Rates by Age Group and Gender, Oklahoma, 2018-2022



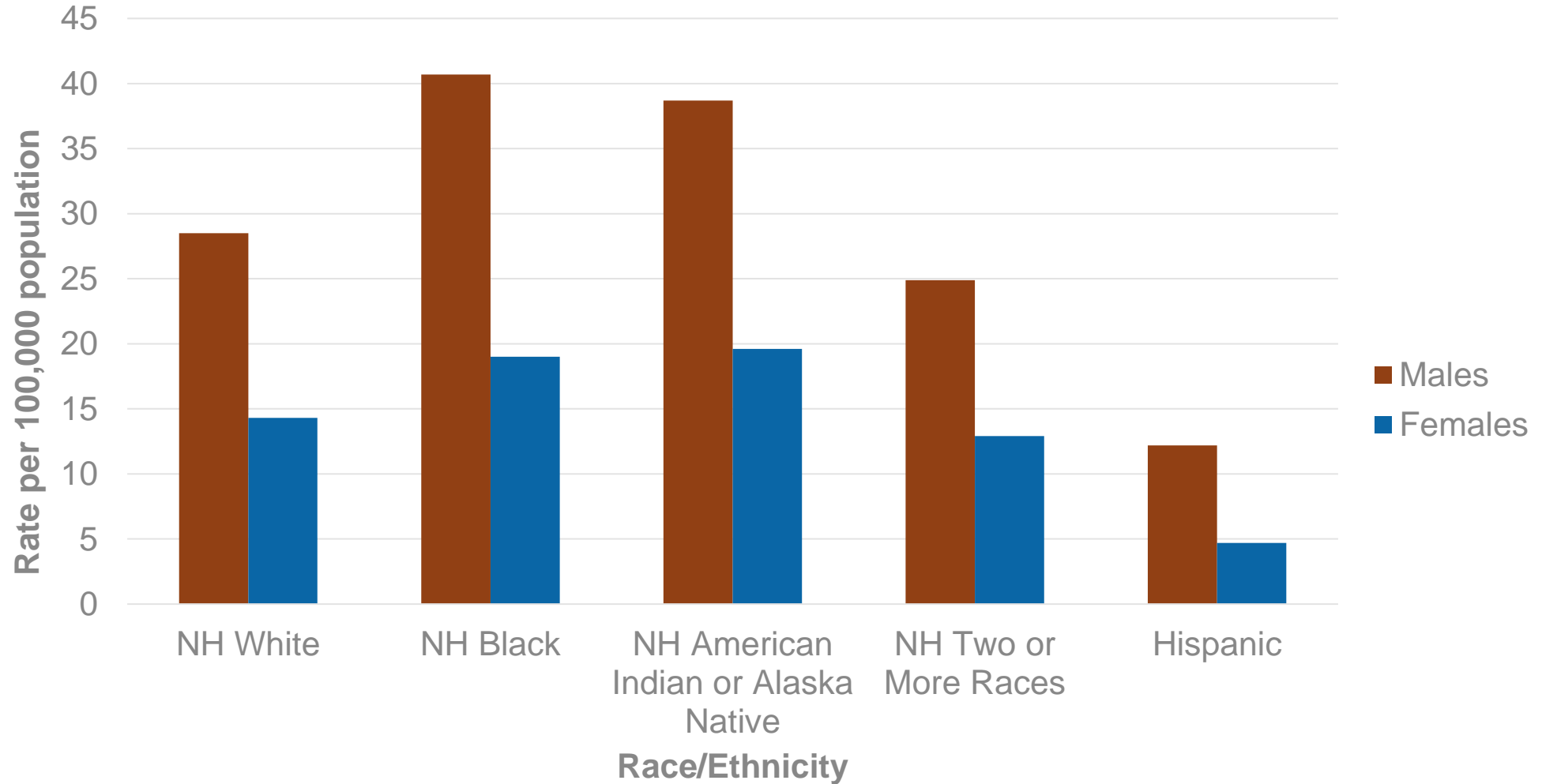
Source: OSDH, Injury Prevention Service, Fatal Unintentional Poisoning Surveillance System

## ➤ Unintentional Methamphetamine Overdose Death Rates by Age Group and Gender, Oklahoma, 2018-2022



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

# ➤ Unintentional Drug Overdose Death Rates by Race/Ethnicity and Gender, Oklahoma, 2018-2022

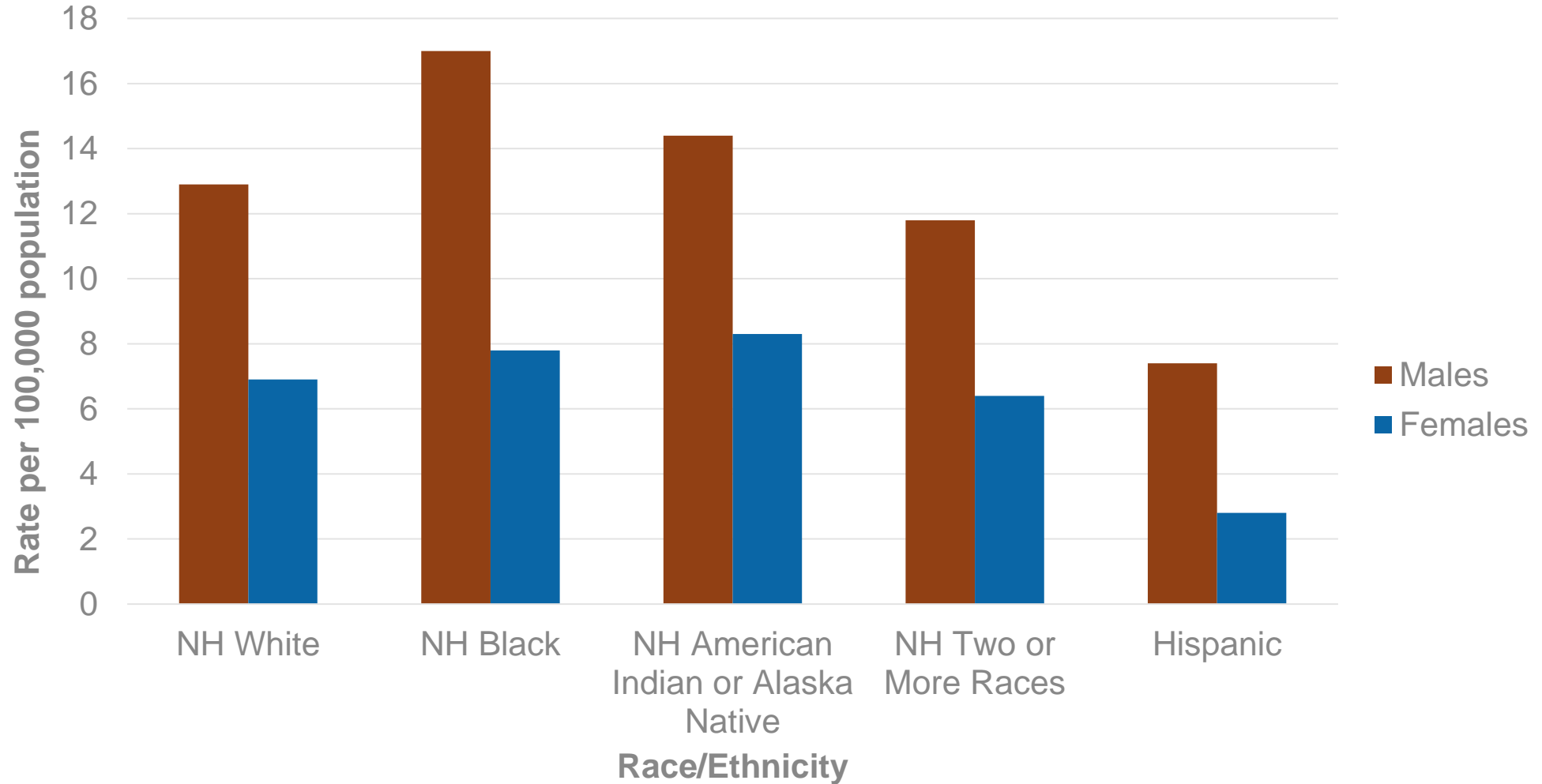


NH=Non-Hispanic

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



## ➤ Unintentional Opioid Overdose Death Rates by Race/Ethnicity and Gender, Oklahoma, 2018-2022

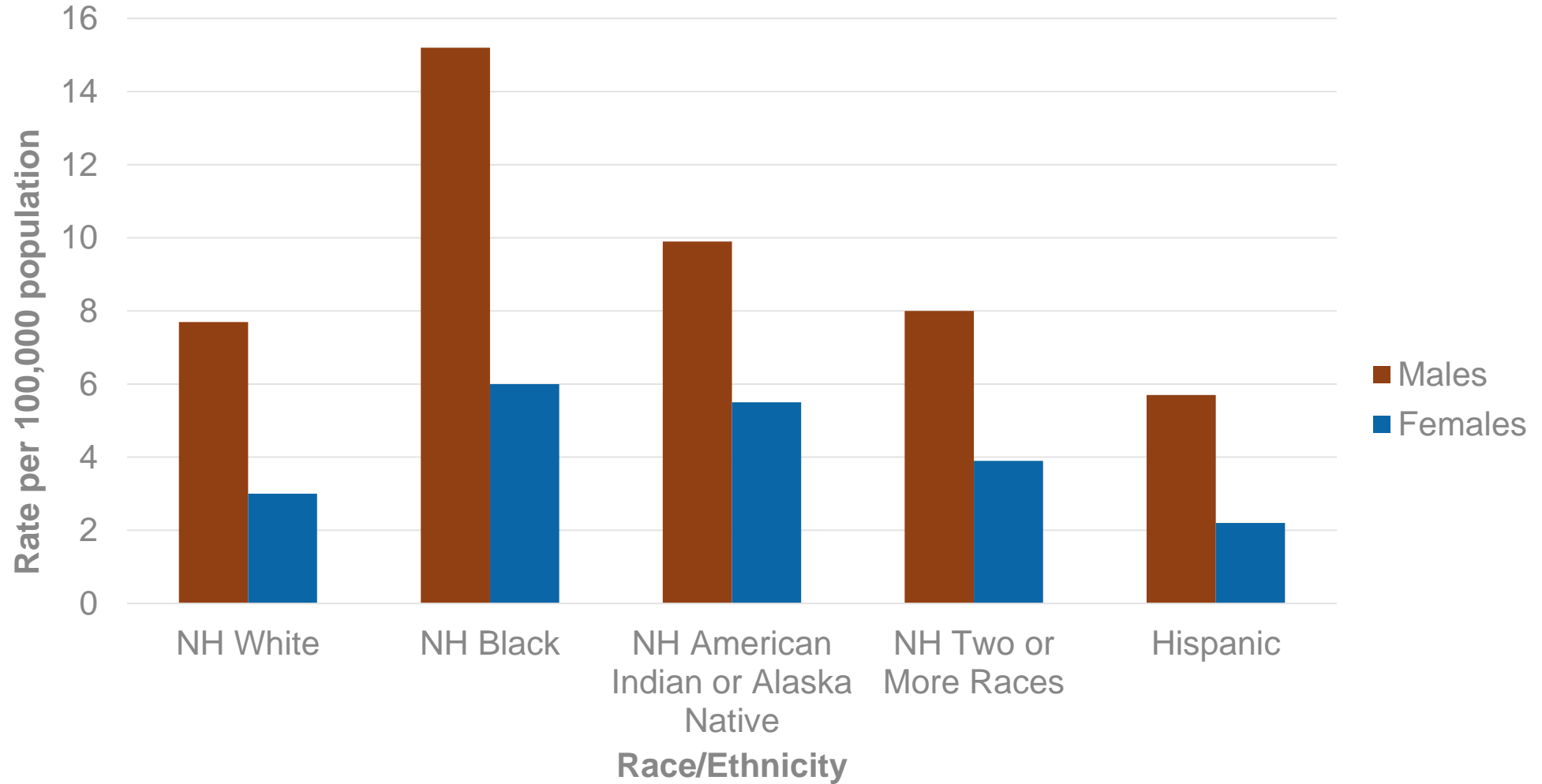


NH=Non-Hispanic

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



# ➤ Unintentional Fentanyl Overdose Death Rates by Race/Ethnicity and Gender, Oklahoma, 2018-2022

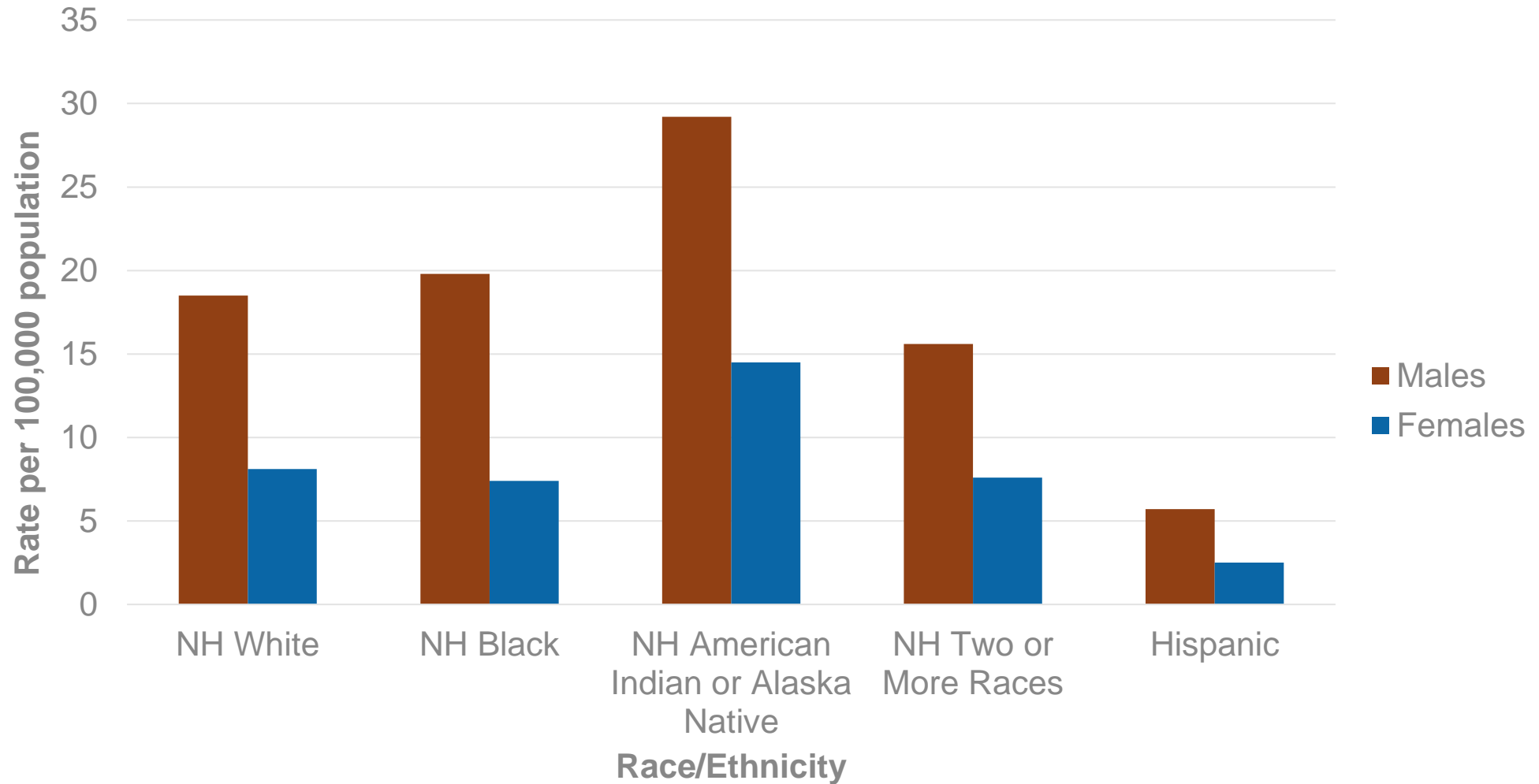


NH=Non-Hispanic

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



# ➤ Unintentional Methamphetamine Overdose Death Rates by Race/Ethnicity and Gender, Oklahoma, 2018-2022

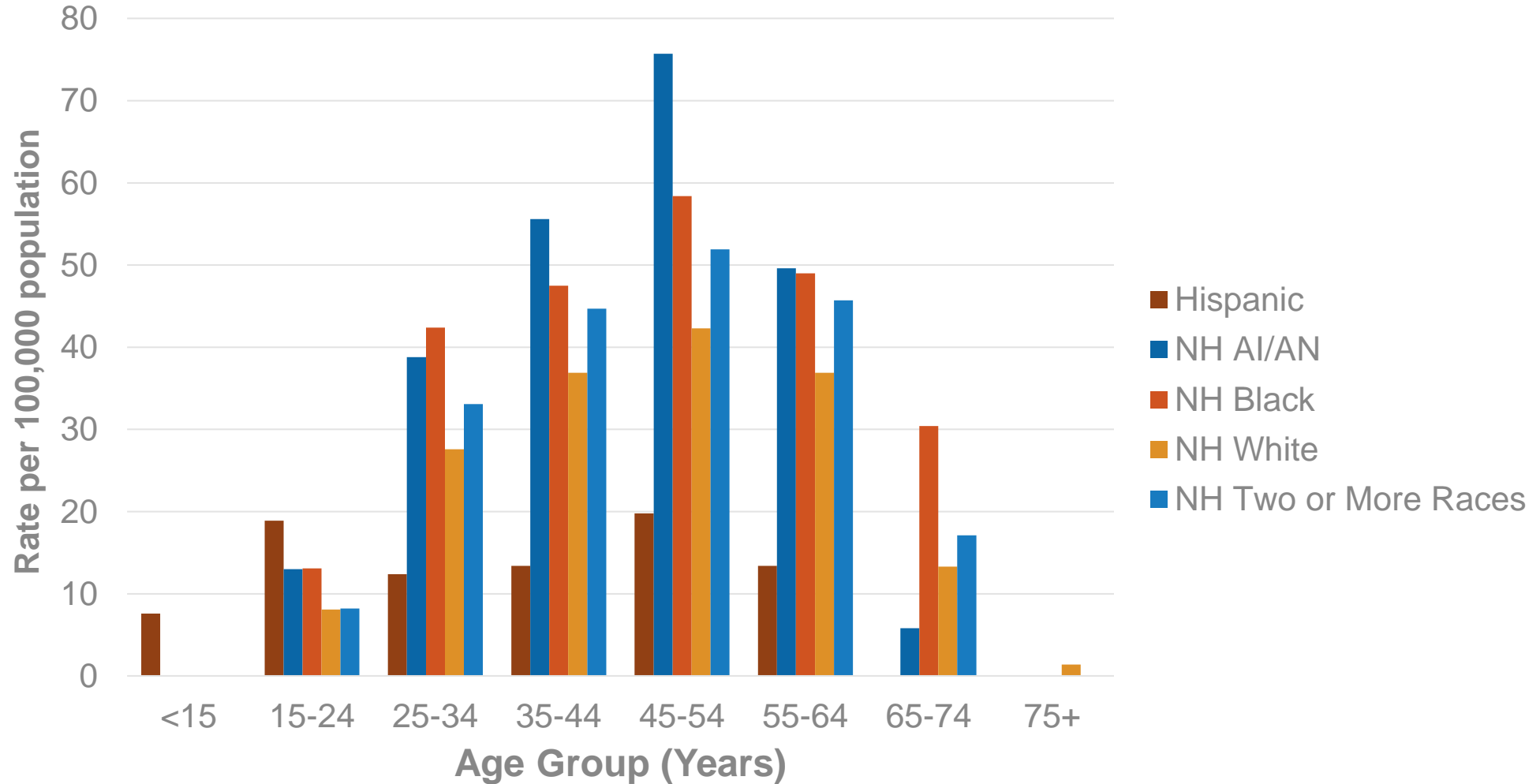


NH=Non-Hispanic

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



# Unintentional Drug Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2018-2022

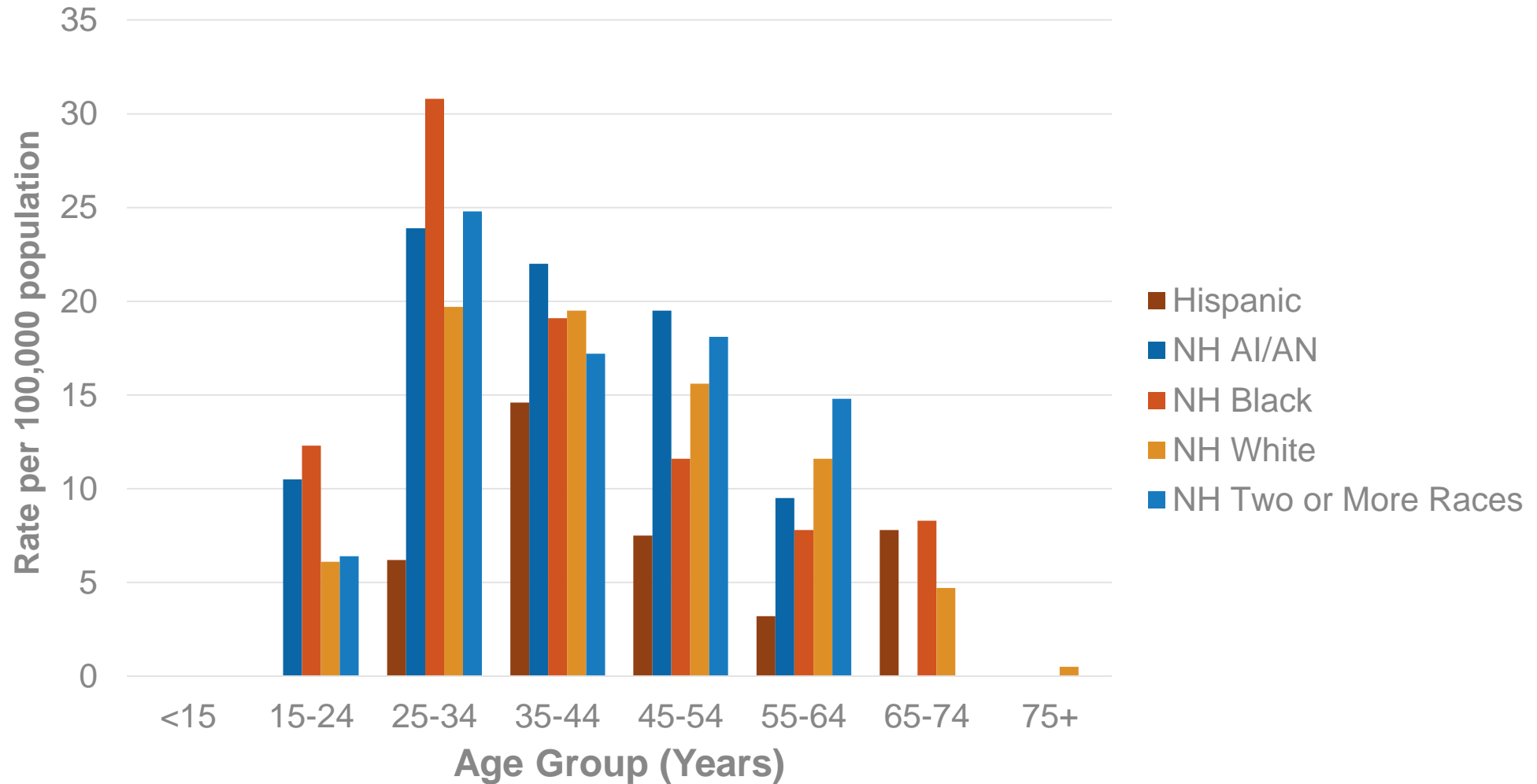


NH=Non-Hispanic

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



# Unintentional Opioid Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2018-2022



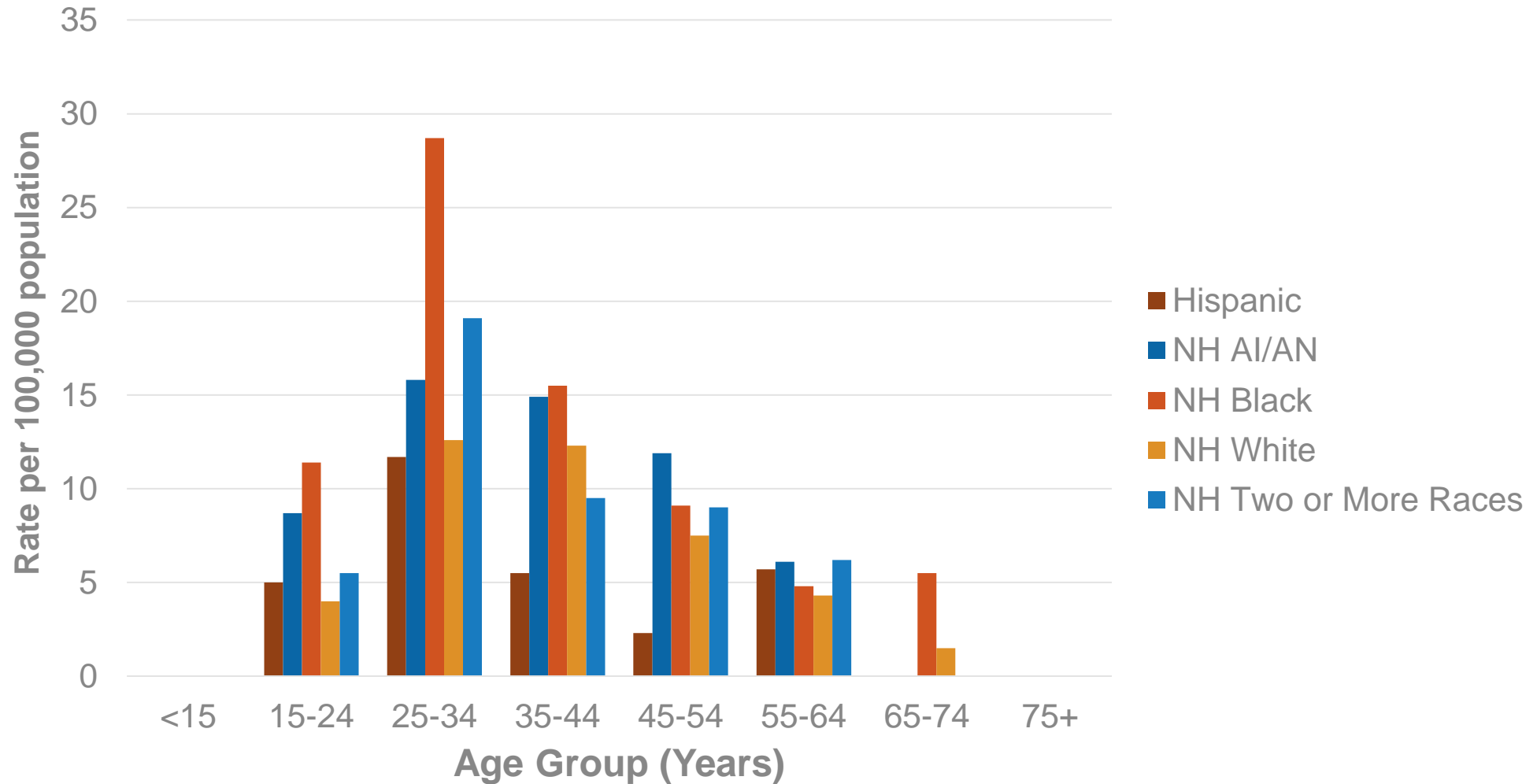
NH=Non-Hispanic

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





# Unintentional Fentanyl Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2018-2022

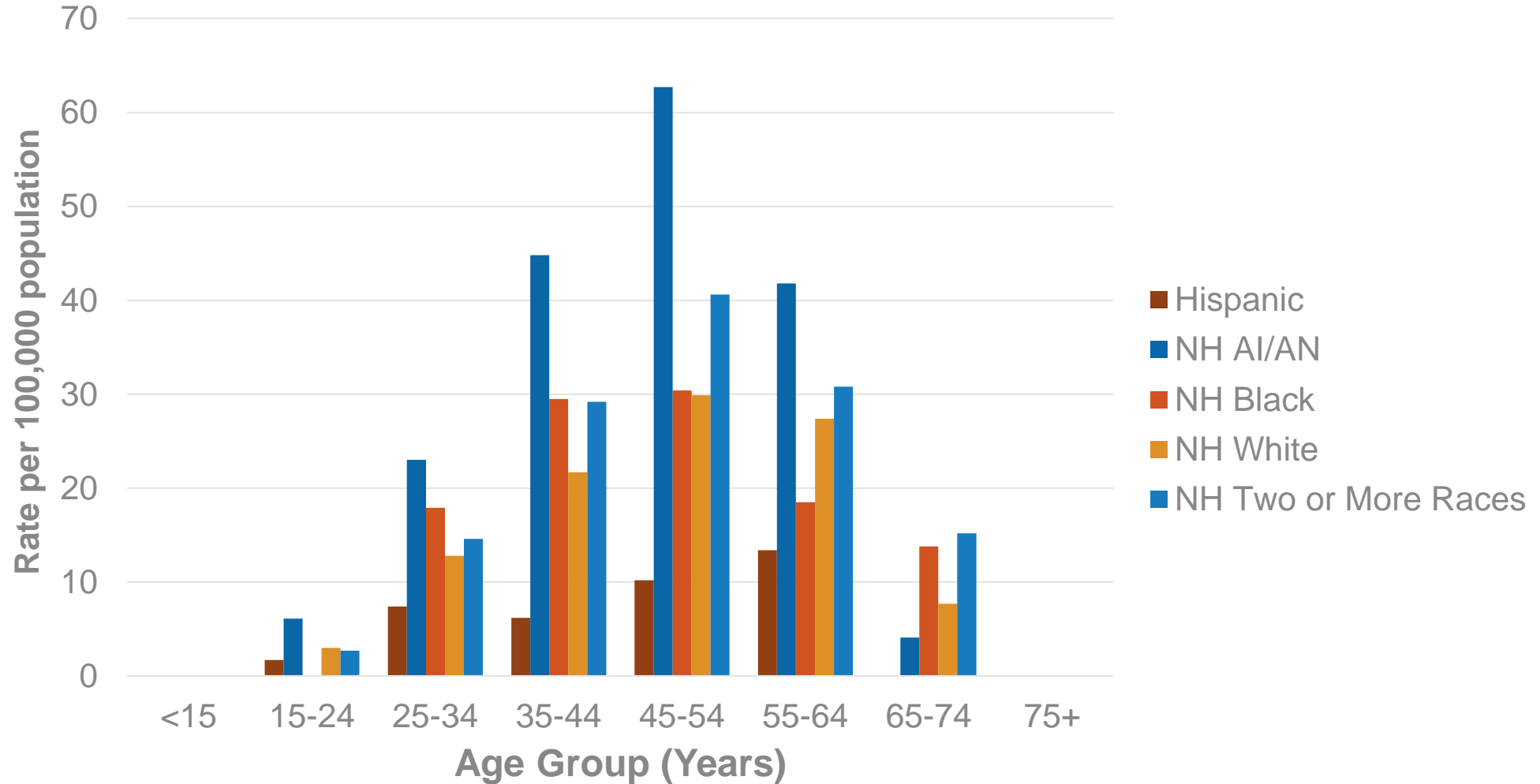


NH=Non-Hispanic

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



# Unintentional Methamphetamine Overdose Death Rates by Age Group and Race/Ethnicity, Oklahoma, 2018-2022



NH=Non-Hispanic

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



## Drug Overdose by Severity, Oklahoma, 2022

- Number of Deaths (2022) –  
**1217**
- Number of Inpatient Hospitalizations (nonfatal, 2021) –  
**4278**
- Number of Emergency Department Visits (nonfatal, 2021\*) –  
**5605**



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

OSDH, Center for Health Statistics, Hospital Discharge Data

\*Preliminary 2021 data

# ➤ **Overdose Distribution by Age Group, Gender, and Overdose Severity, Oklahoma, 2021**

- **Deaths**

- Male (67%)
- Age groups: 45-54 (24%), 55-64 (22%), 35-44 (22%)

- **Inpatient Hospitalizations (nonfatal)**

- Female (61%)
- Age groups: 15-24 (20%); 65+ (15%); 25-34, 35-44, 55-64 (14%)

- **Emergency Department (nonfatal)\***

- Female (56%)
- Age groups: 15-24 (24%), 25-34 (17%), 35-44 (13%)



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

OSDH, Center for Health Statistics, Hospital Discharge Data

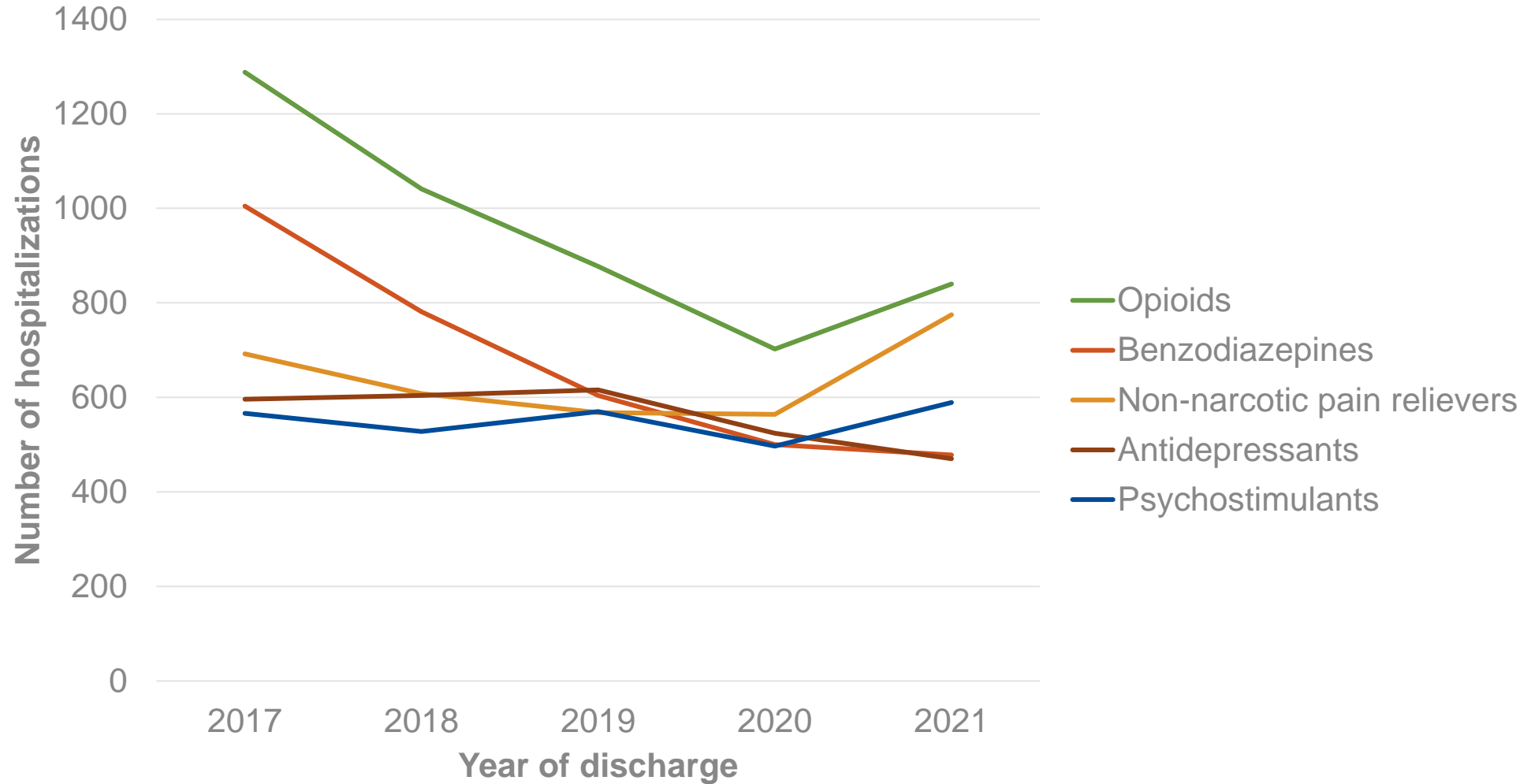
\*Preliminary 2021 data

**Overdose  
hospitalization  
data**





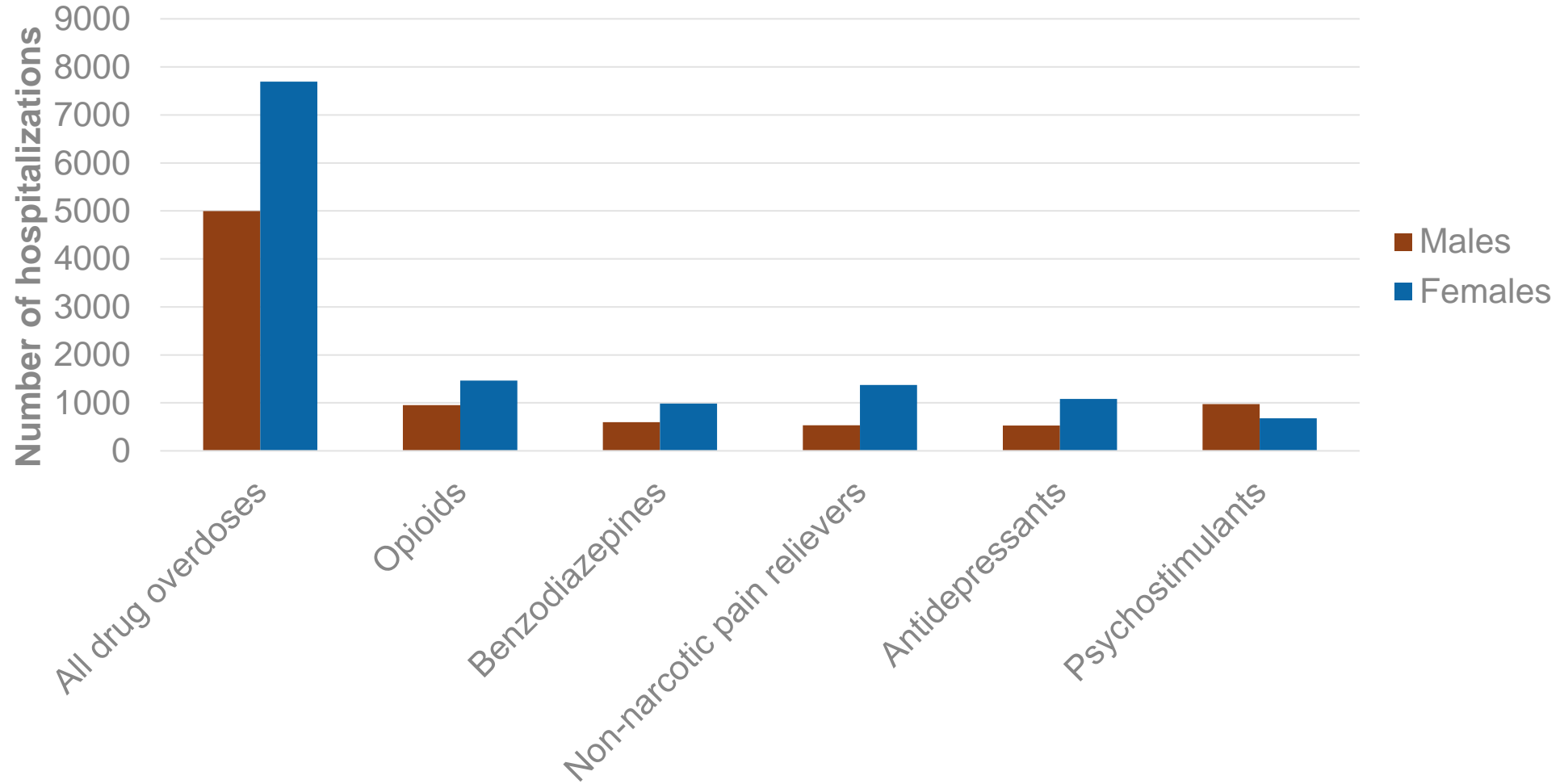
## Most Common Substances Involved in Drug Overdose Hospitalizations by Year of Discharge, Oklahoma, 2017-2021



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

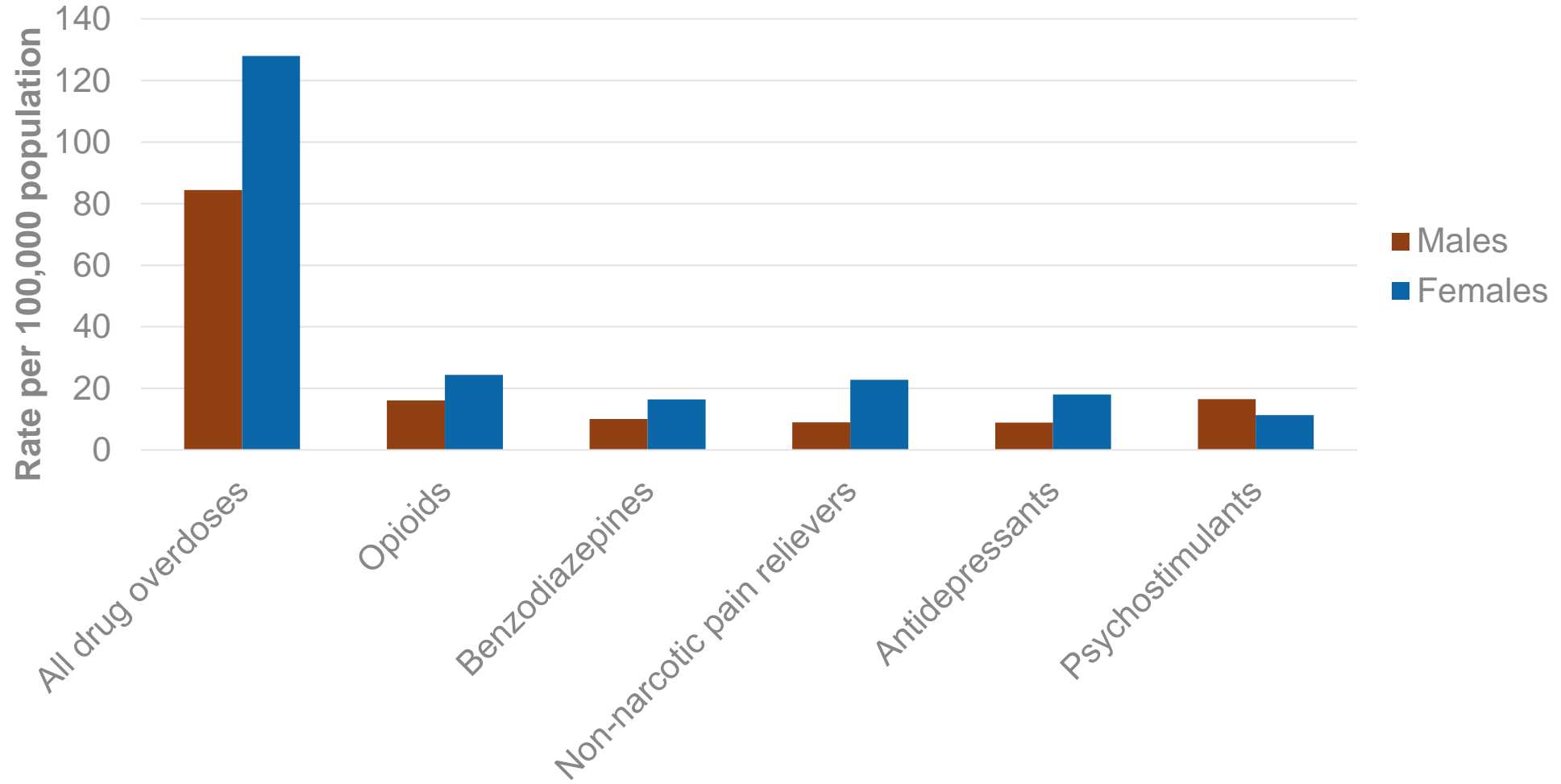


## ➤ Most Common Substances Involved in Drug Overdose Hospitalizations by Gender, Oklahoma, 2019-2021



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

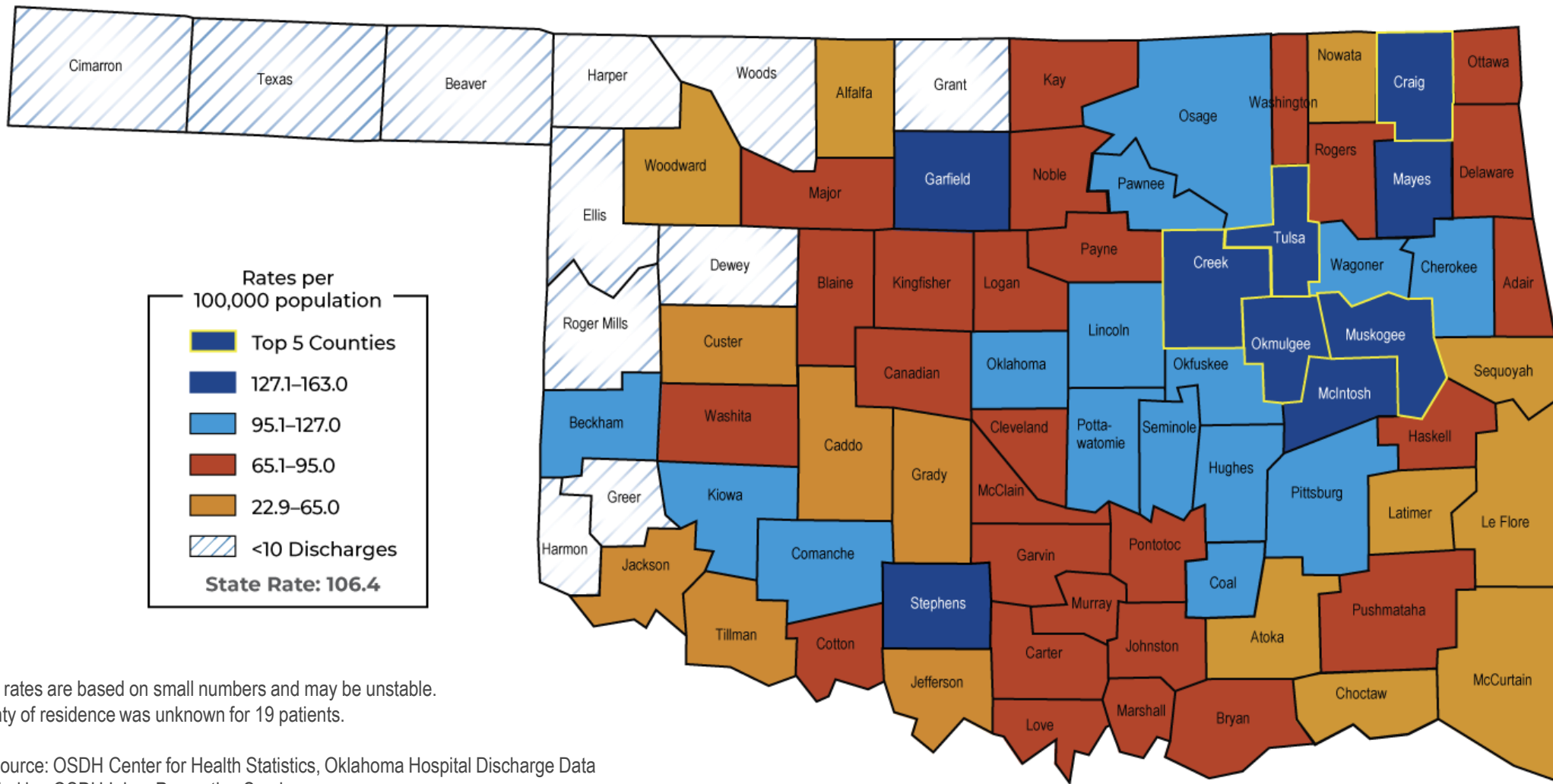
## ➤ Drug Overdose Hospitalization Rates by Gender and Substance, Oklahoma, 2019-2021



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



# Drug Overdose Hospitalization Rates\* by County of Residence\*\*, Oklahoma, 2019-2021



\*Some rates are based on small numbers and may be unstable.

\*\*County of residence was unknown for 19 patients.

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

Compiled by: OSDH Injury Prevention Service

