

BRIDGE Erie to Harm Reduction Overdose Data Updates November 2025



**Erie County
Department of
Health**



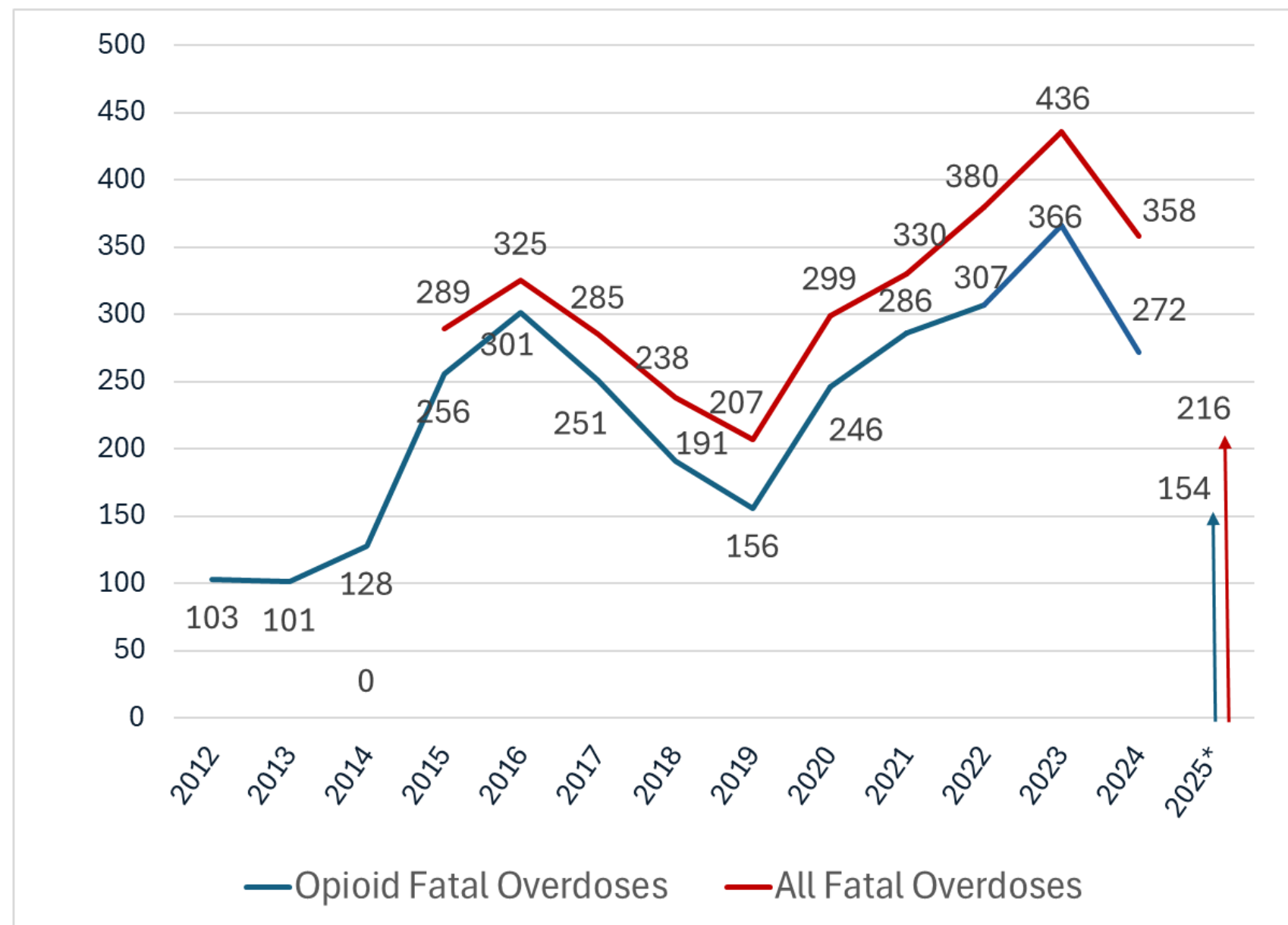
Public Health
Prevent. Promote. Protect.

Overview

- Total Overdose Deaths
- Comparison to Statewide Trends in Overdose Deaths
- Overdose Death Demographics
- Overdose Death Toxicology
- Demographics Trends in Toxicology of Overdose Deaths
- Overdose Deaths by ZIP Code
- Non-Fatal Overdose Report Frequency
- Non-Fatal Overdoses by ZIP Code
- ZIP Code Comparison of Non-Fatal and Fatal Overdoses

Overdose Deaths, 2012 – 2025*

2012 – 2025* NUMBER OF OVERDOSE RELATED DEATHS ERIE COUNTY



2025 Overdose Deaths

- 216 total as of 11/07/2025
 - 154 suspected opioid related
 - 123 confirmed opioid related
 - 31 waiting for toxicology
 - 62 confirmed non-opioid related

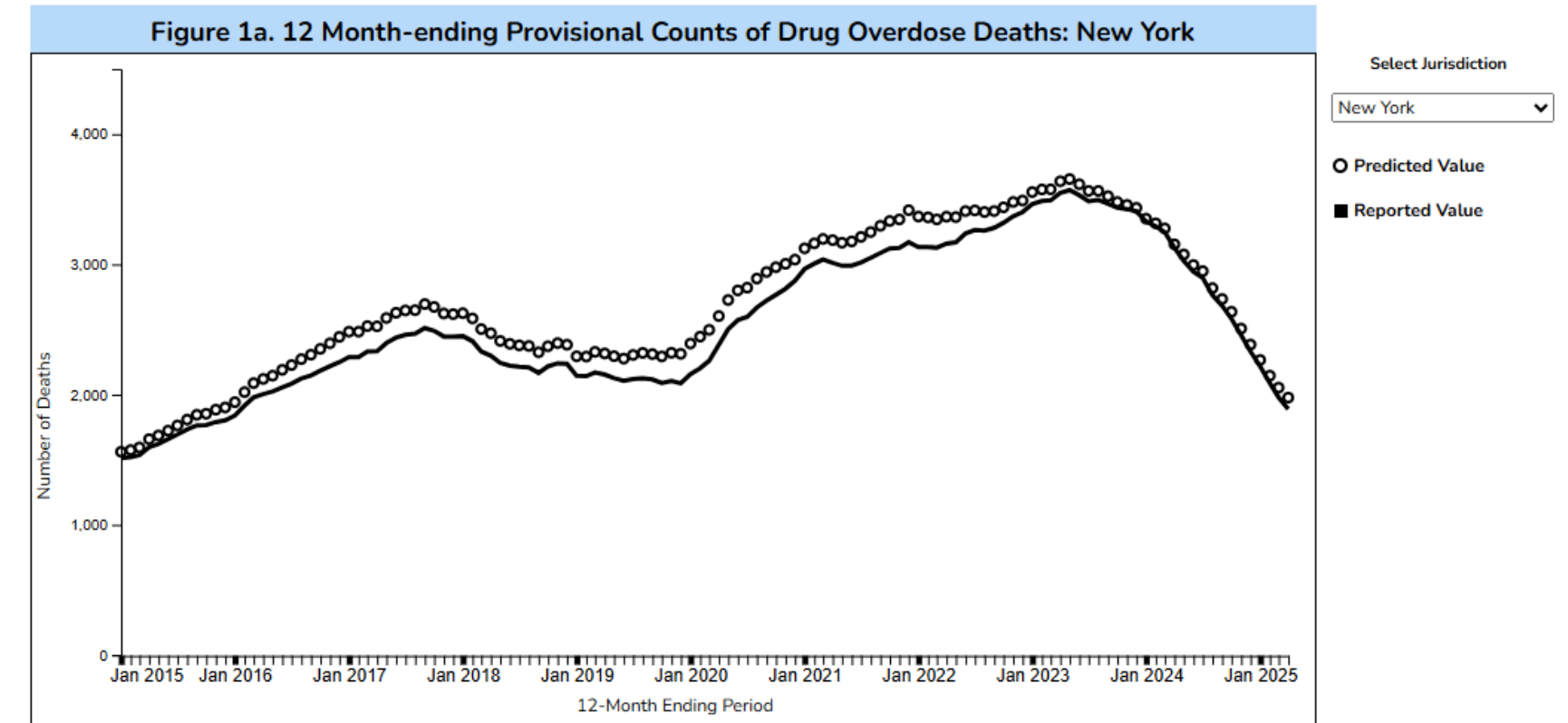
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE, *CASES REPORTED THRU 11/7/2025

Comparison to State Trends

- Year-over-Year, April 2025 (most recent NYS Data)
- Erie County: 29% Decrease
- 36 deaths → 25 deaths per month
- New York State: 37% Decrease

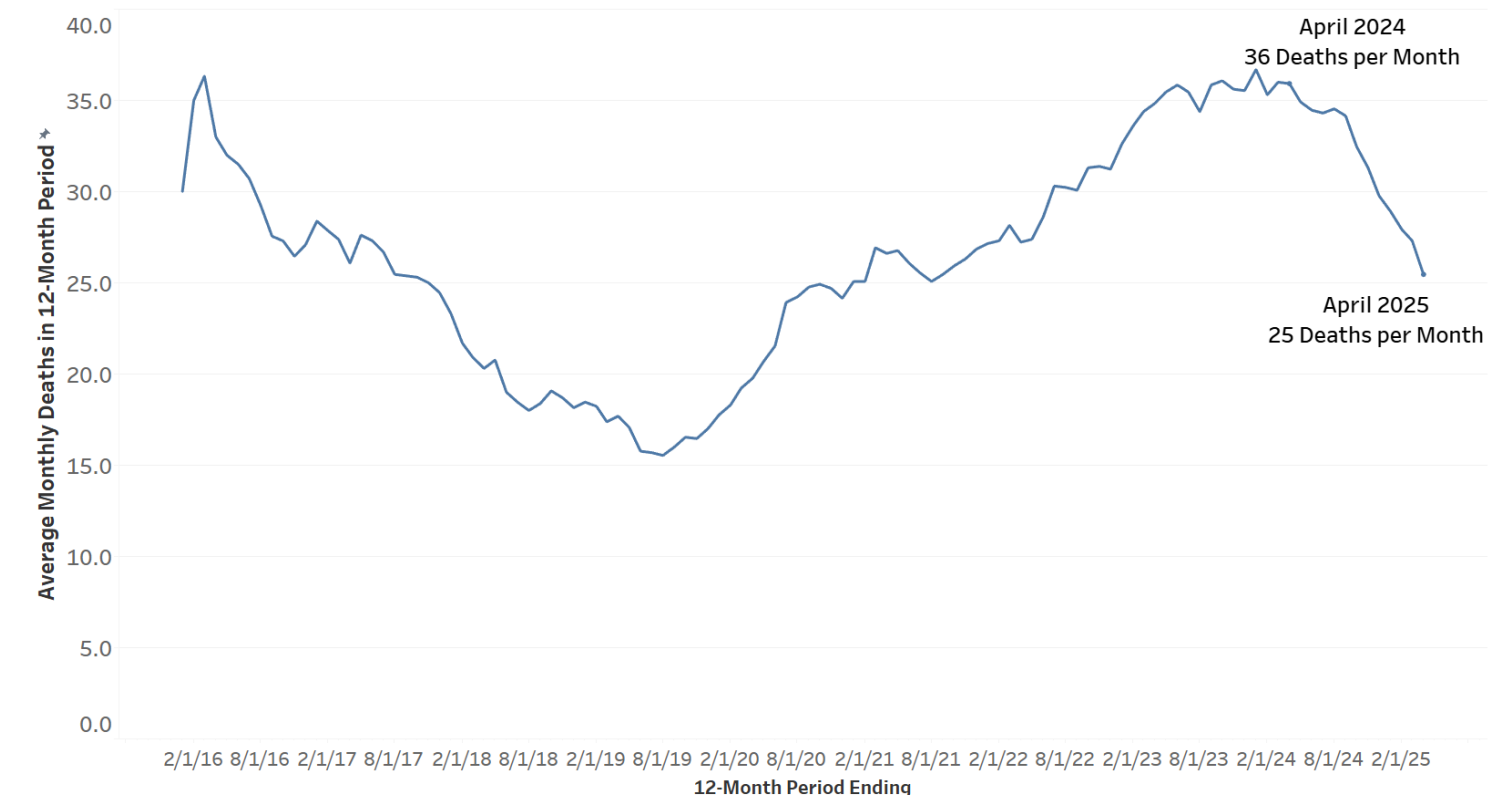
12 Month-Ending Provisional Number and Percent Change of Drug Overdose Deaths

Based on data available for analysis on: September 7, 2025



Source: <https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>

Erie County Monthly Overdose Deaths, 12-Month Moving Average



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/7/2025



Erie County
Department of
Health



Public Health
Prevent. Promote. Protect.

Comparison to State Trends

- As of October 2025:
 - Average of 21 deaths per month over past 12 months
 - 38% decrease in monthly deaths, Year-over-Year
 - Caught up to statewide trend
 - Continuous decline since mid-2024, shows signs of slowing

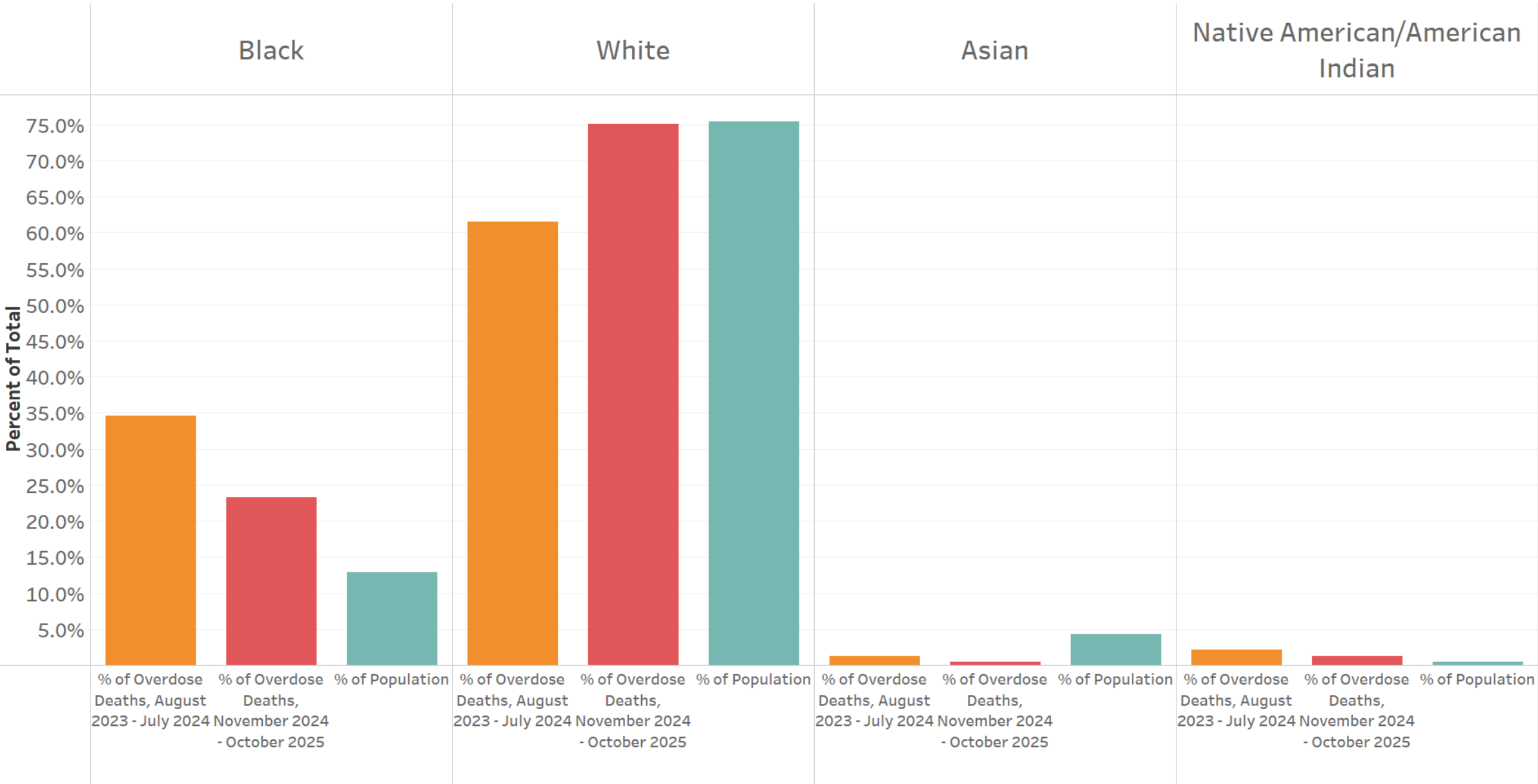
Erie County Monthly Overdose Deaths, 12-Month Moving Average



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Overdose Death Demographics

Overdose Death Demographics Compared to Erie County Population



- % of Overdose Deaths, August 2023 - July 2024
- % of Overdose Deaths, November 2024 - October 2025
- % of Population

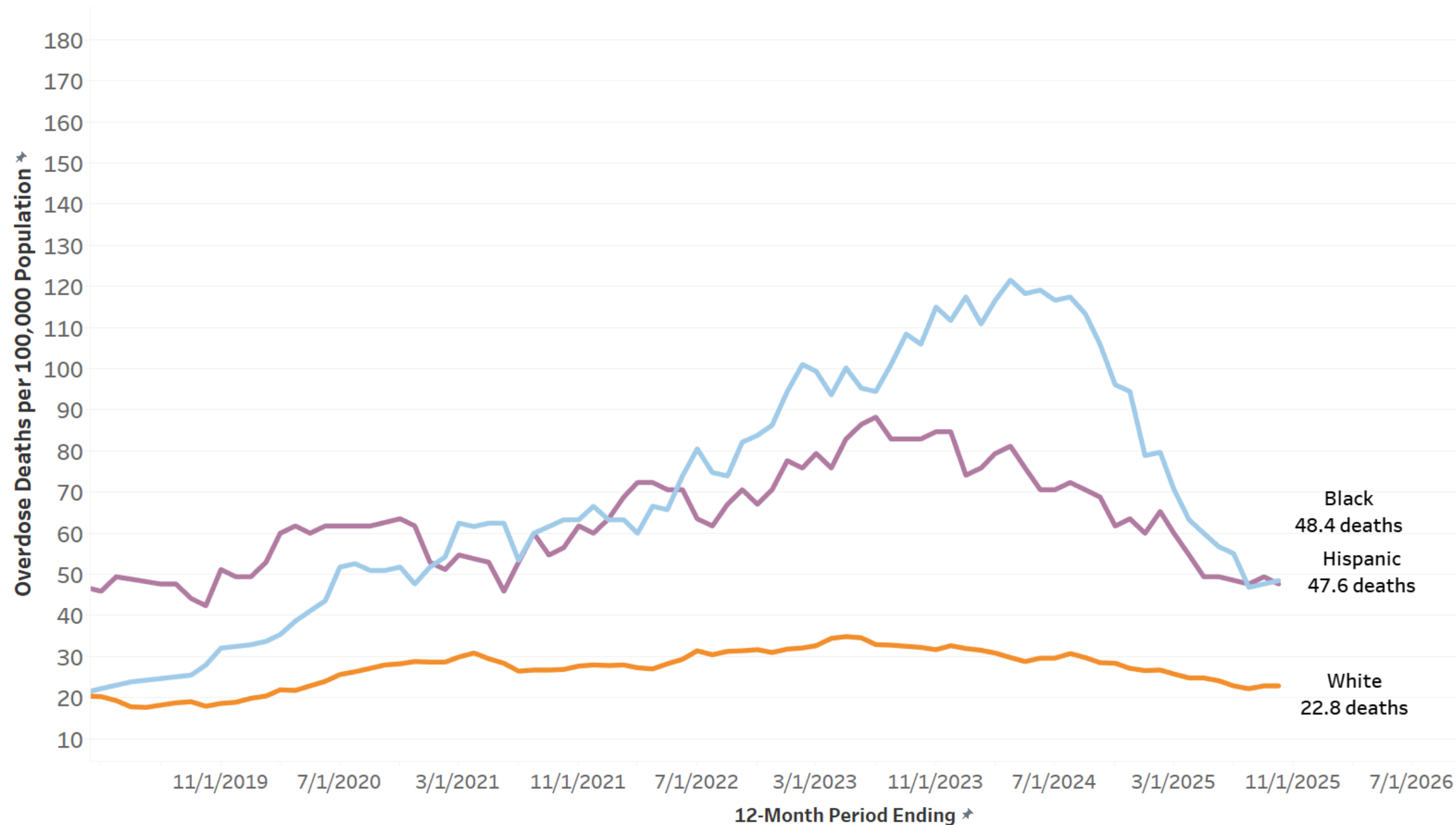
- Black population disproportionately affected by overdose deaths
 - Disparity beginning to shrink
 - August 2023 – July 2024 (Orange) = peak of disparity
 - 35% Black
 - Overdose deaths in past 12 months (Red) = 22.7% Black

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/7/2025

Overdose Death Demographics

Population-Adjusted Overdose Deaths by Race/Ethnicity

12-Month Average
2020 - October 2025



Black
Hispanic
White

- Population adjustment allows us to better see disparities
- Shows which groups are disproportionately affected

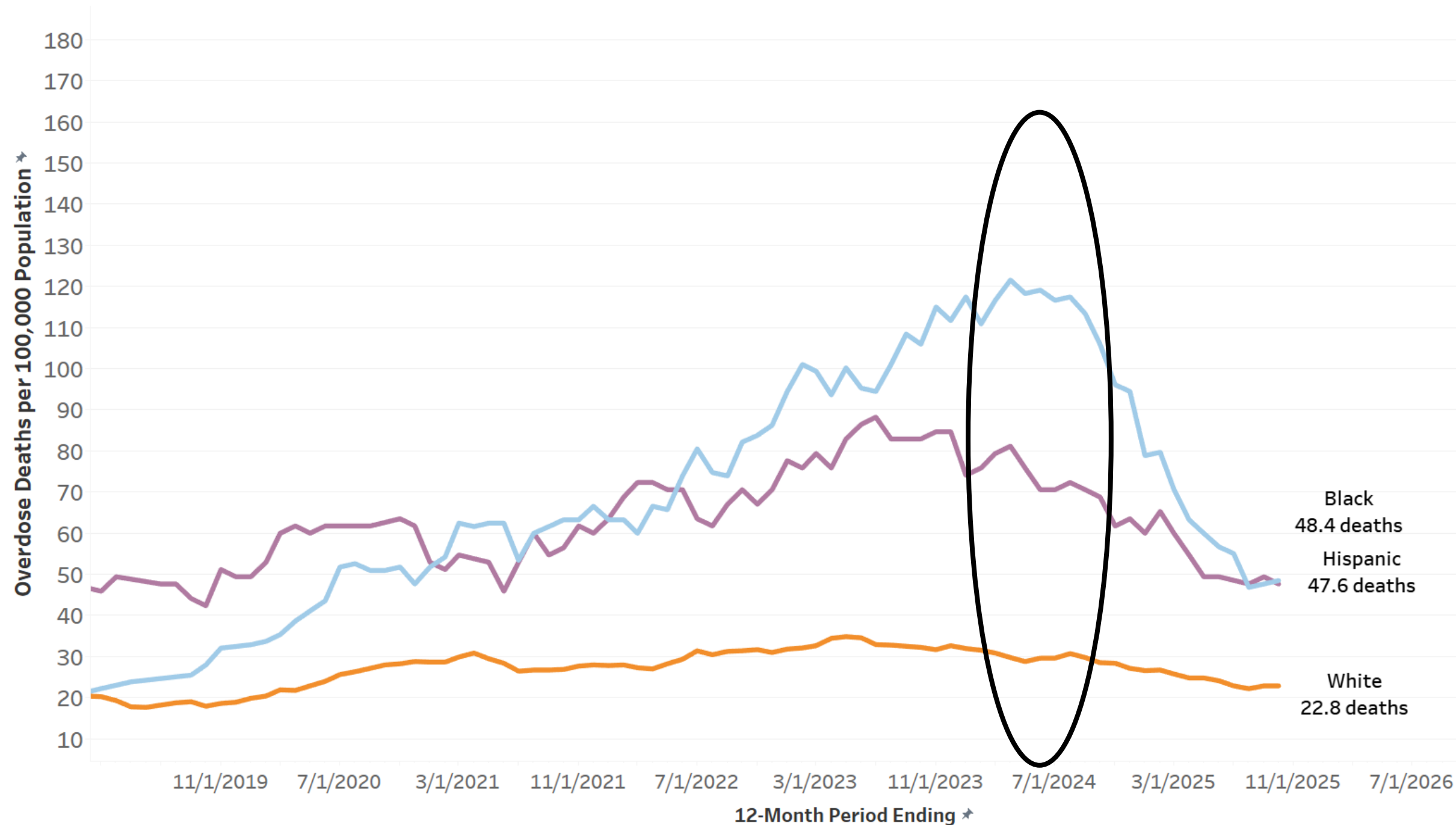
*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/07/2025

Overdose Death Demographics

Population-Adjusted Overdose Deaths by Race/Ethnicity
12-Month Average
2020 - October 2025



Black
Hispanic
White

- Bigger gap between lines = bigger disparity
- Disparity largest in mid-2024
- Closing rapidly
- In recent months, nearly equal death rates in Black and Hispanic populations

*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

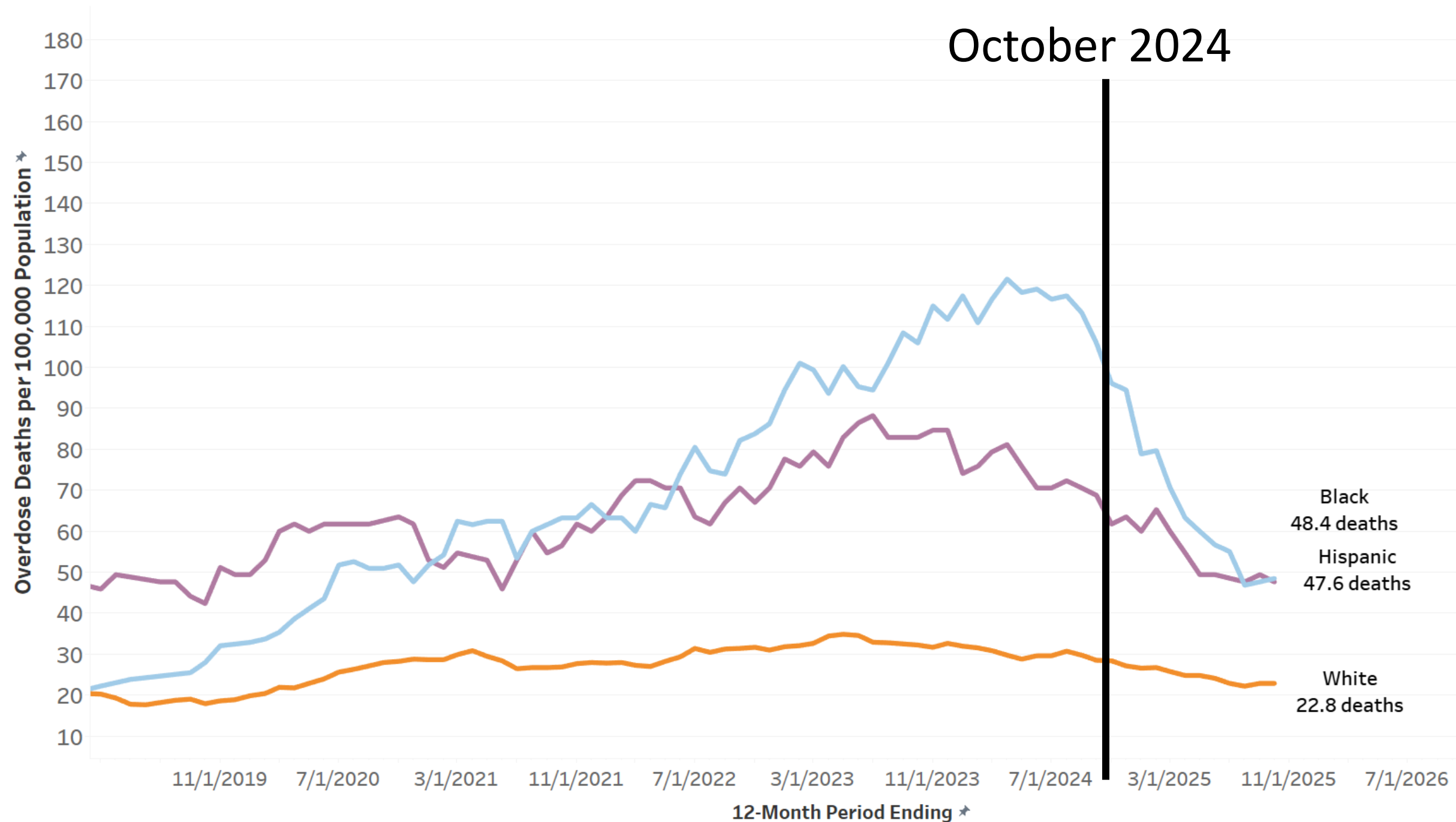
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/07/2025

Overdose Death Demographics

Population-Adjusted Overdose Deaths by Race/Ethnicity

12-Month Average
2020 - October 2025



Black
Hispanic
White

Year-Over-Year Change in
Population-Adjusted Deaths:

- Black: 54% decrease
- Hispanic: 31% decrease
- White: 20% decrease

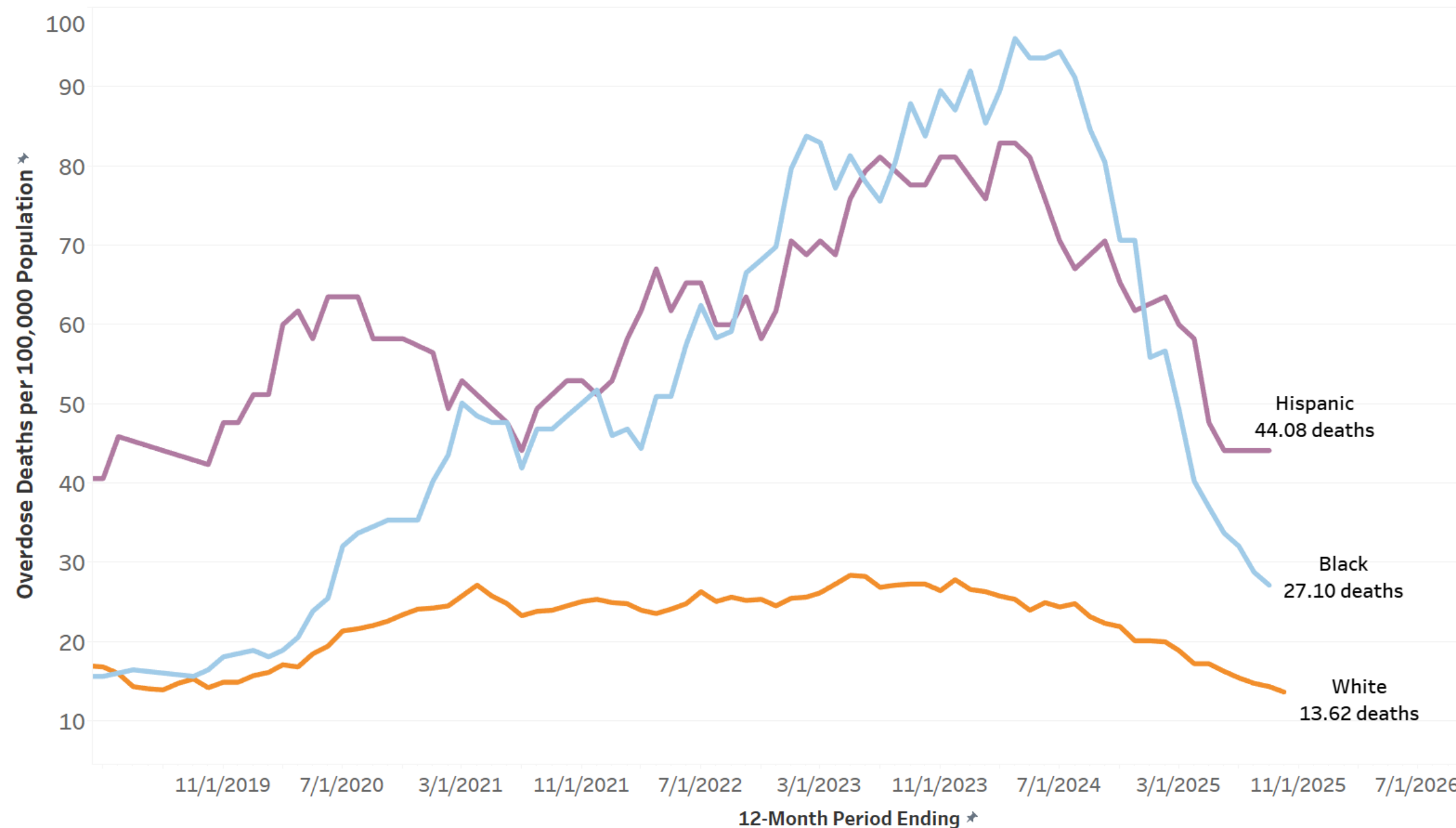
*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/07/2025

Opioid-Related Death Demographics

Population-Adjusted Opioid-Related Overdose Deaths by Race
12-Month Average
2020 - October 2025



Black
Hispanic
White

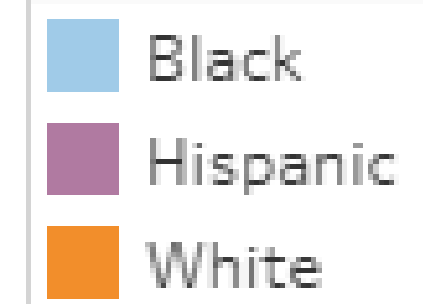
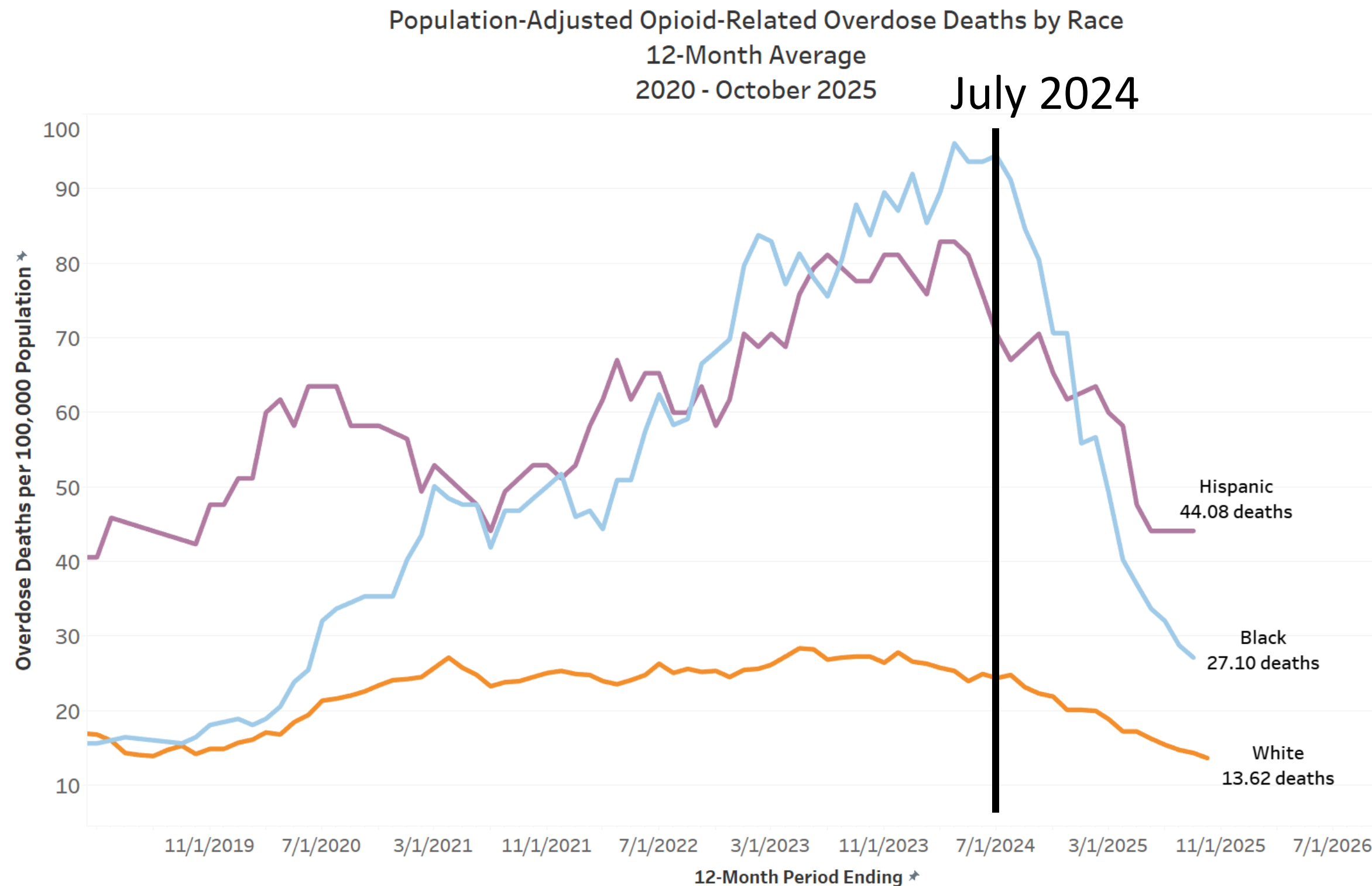
- Opioid-related overdose deaths
- Disparities closing faster for Black population
- Hispanic population is now most affected by opioid OD's compared to other groups

*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/07/2025

Opioid-Related Death Demographics



- July 2024
- Begins sharp decline in Black population-adjusted opioid deaths

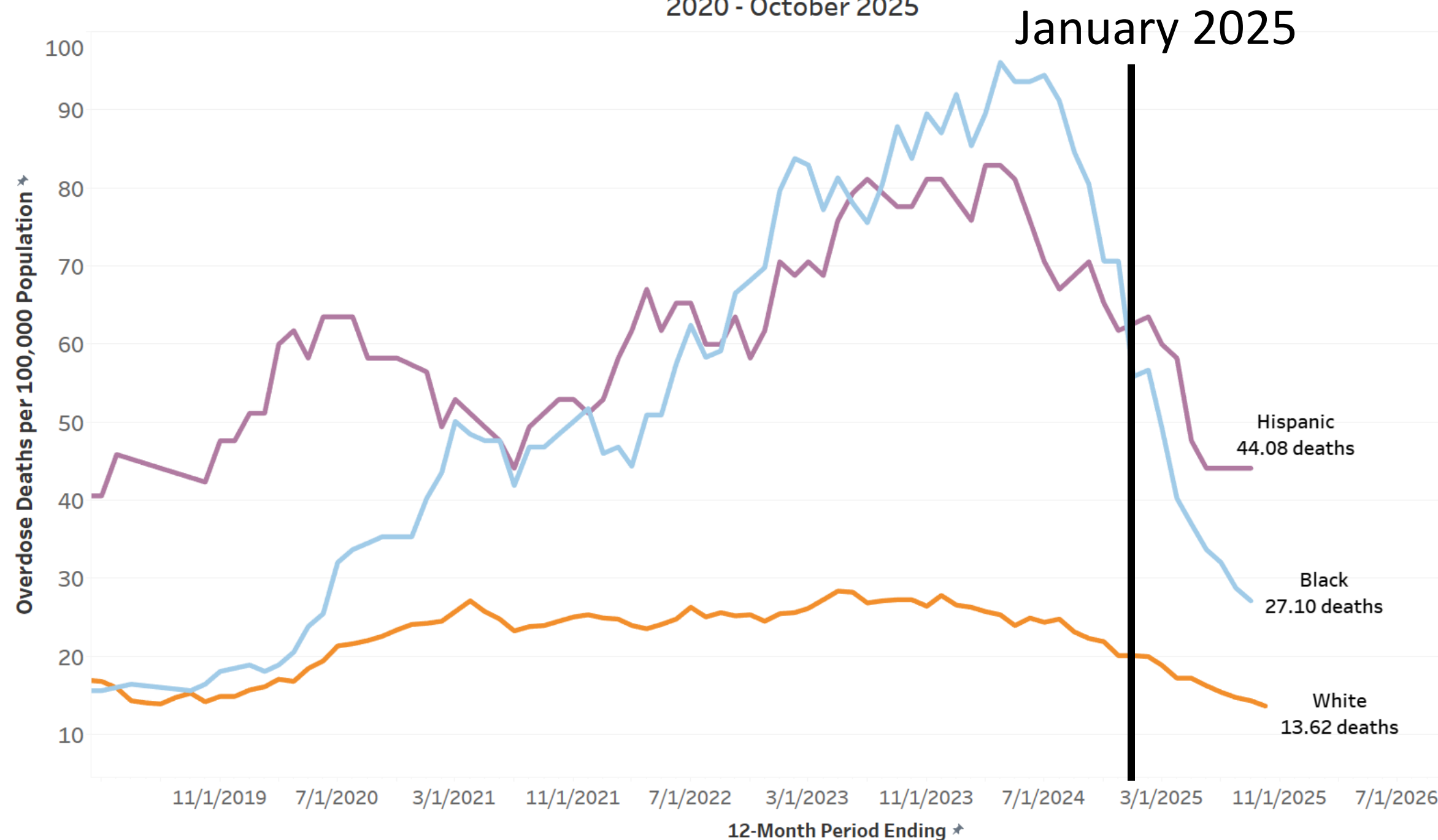
*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/07/2025

Opioid-Related Death Demographics

Population-Adjusted Opioid-Related Overdose Deaths by Race
12-Month Average
2020 - October 2025



Black
Hispanic
White

- January 2025
- Black opioid-related deaths drop below Hispanic opioid-related deaths

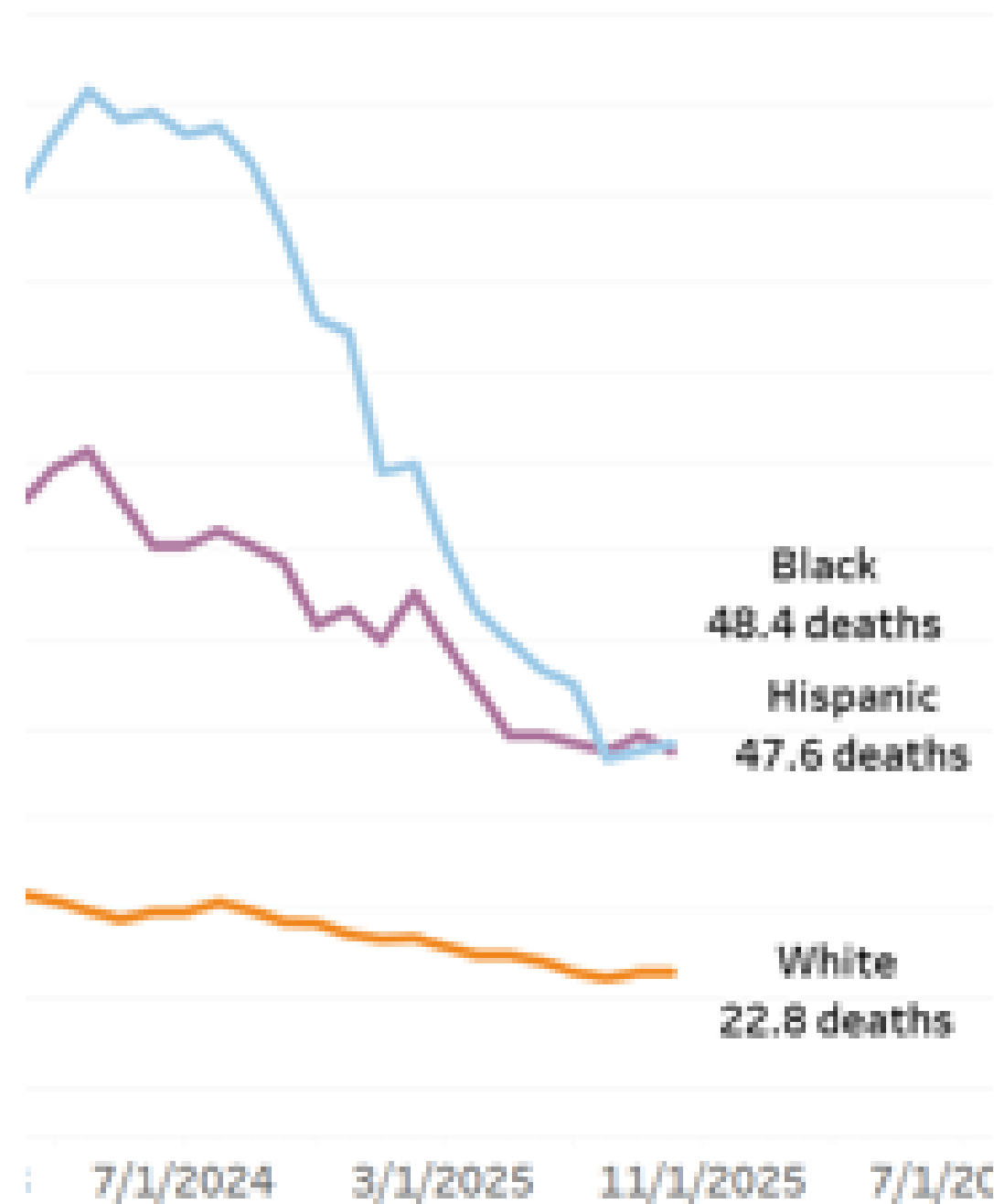
*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

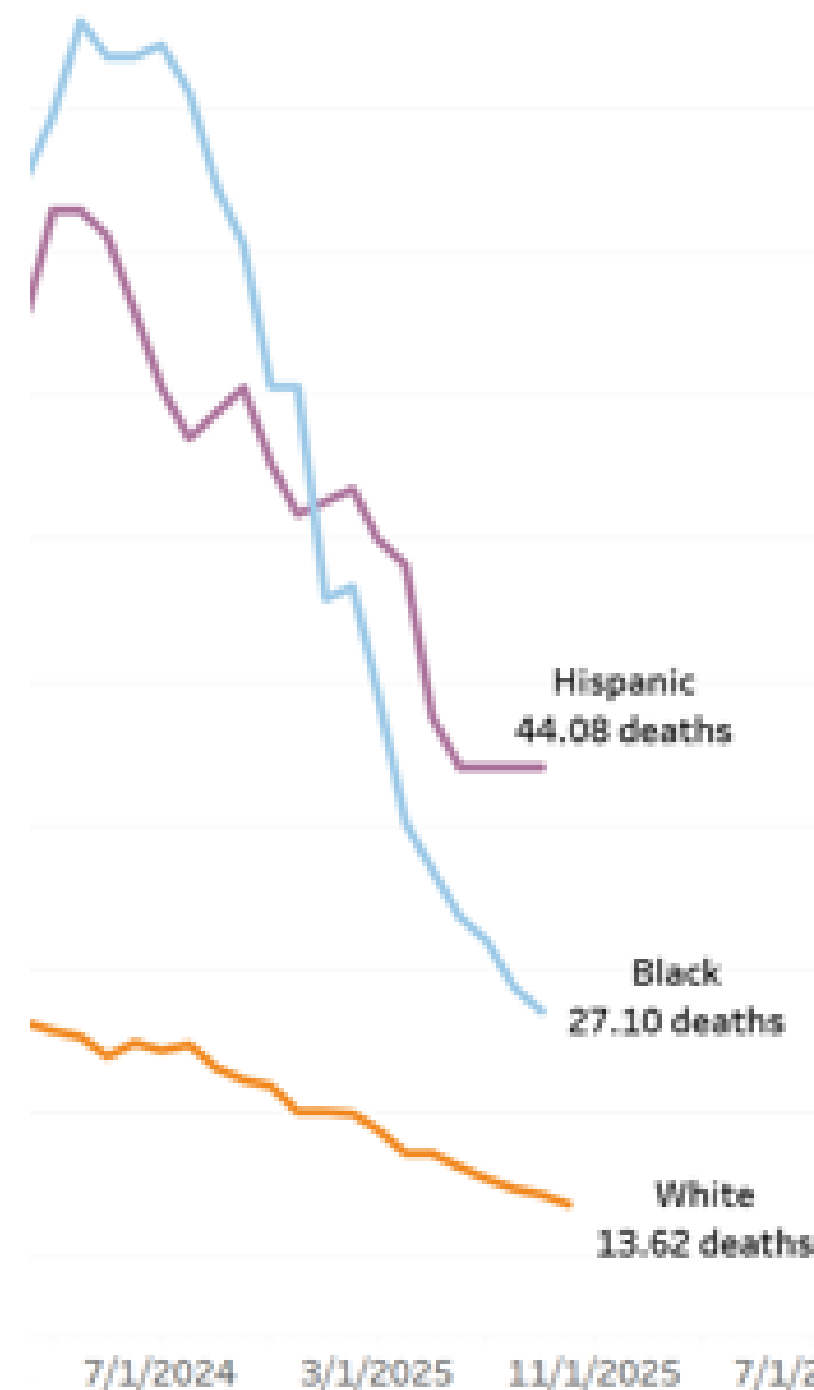
*CASES REPORTED THRU 11/07/2025

Opioid-Related Death Demographics

All Overdose Deaths



Opioid-Related Deaths



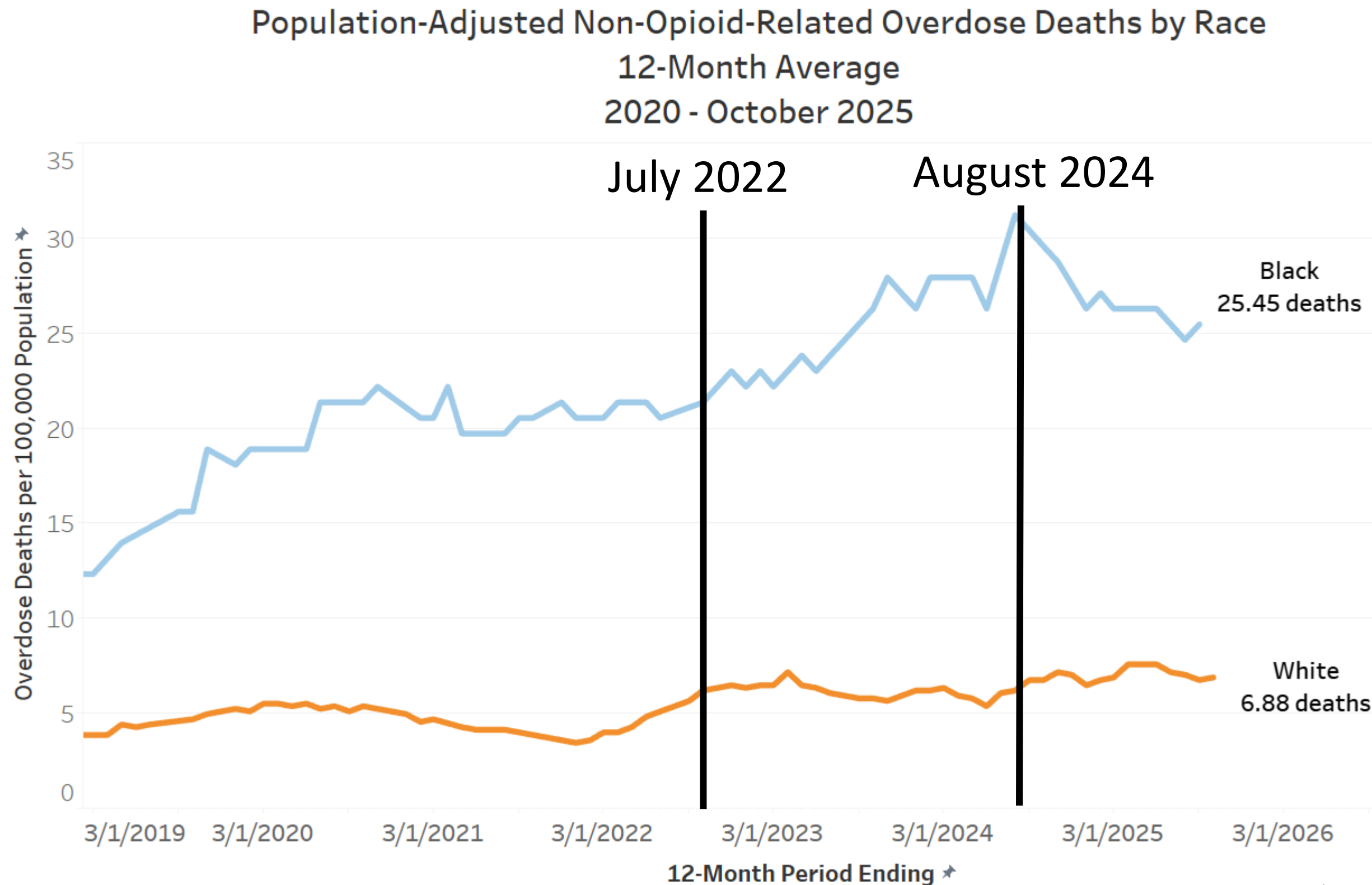
- Disproportionate impact on Black population decreasing more rapidly for opioid-related deaths

*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/07/2025

Non-Opioid Death Demographics



- Unlike opioid-related deaths, racial disparities among non-opioid deaths remain large
- Non-opioid deaths among Black population increased gradually beginning mid-2022, peaked in mid-2024

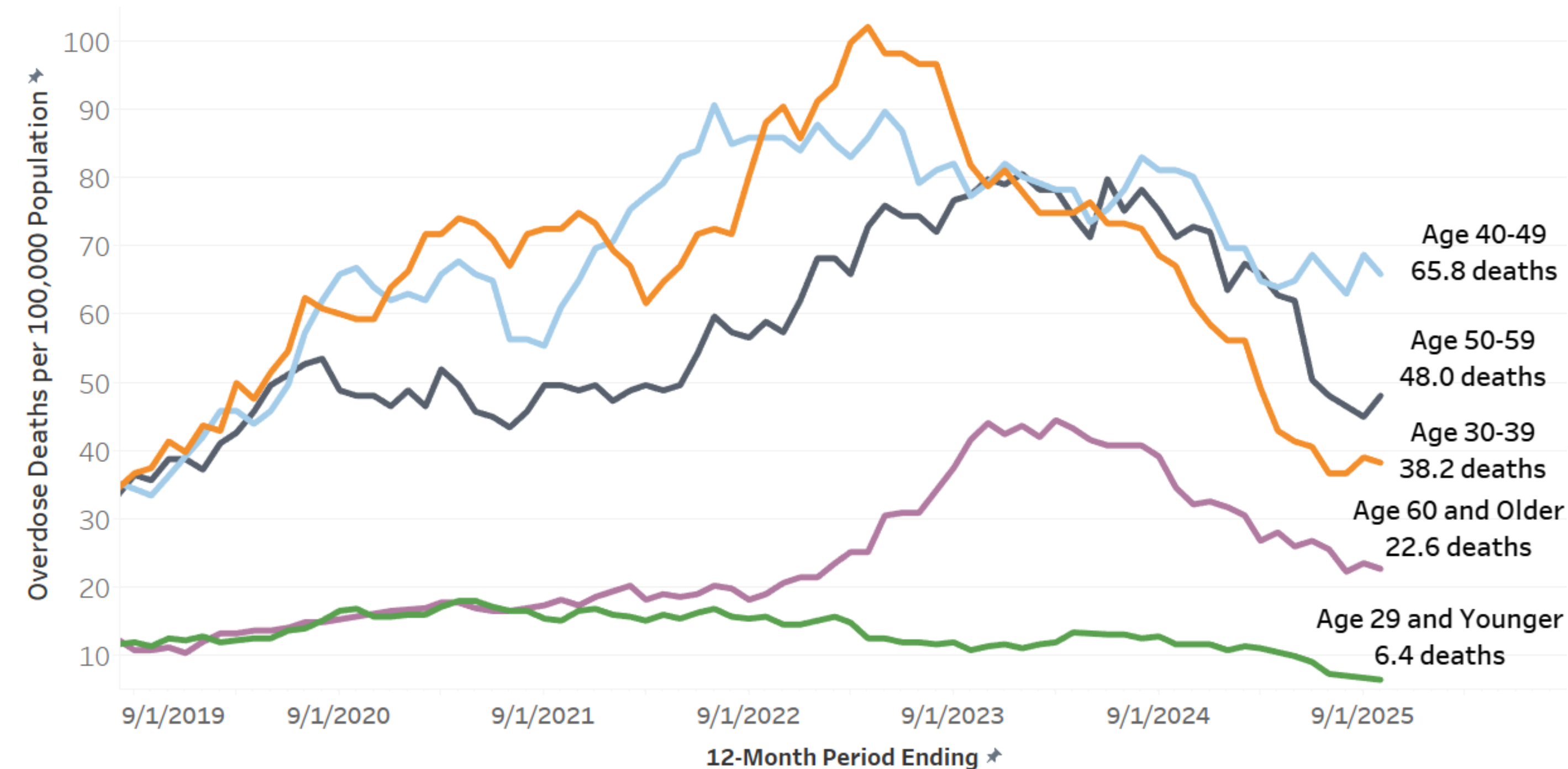
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

* DATA FOR HISPANIC ETHNICITY EXCLUDED DUE TO LIMITED DATA

Overdose Death Demographics: Age

Population-Adjusted Overdose Deaths by Age Group
12-Month Average, 2020 - October 2025

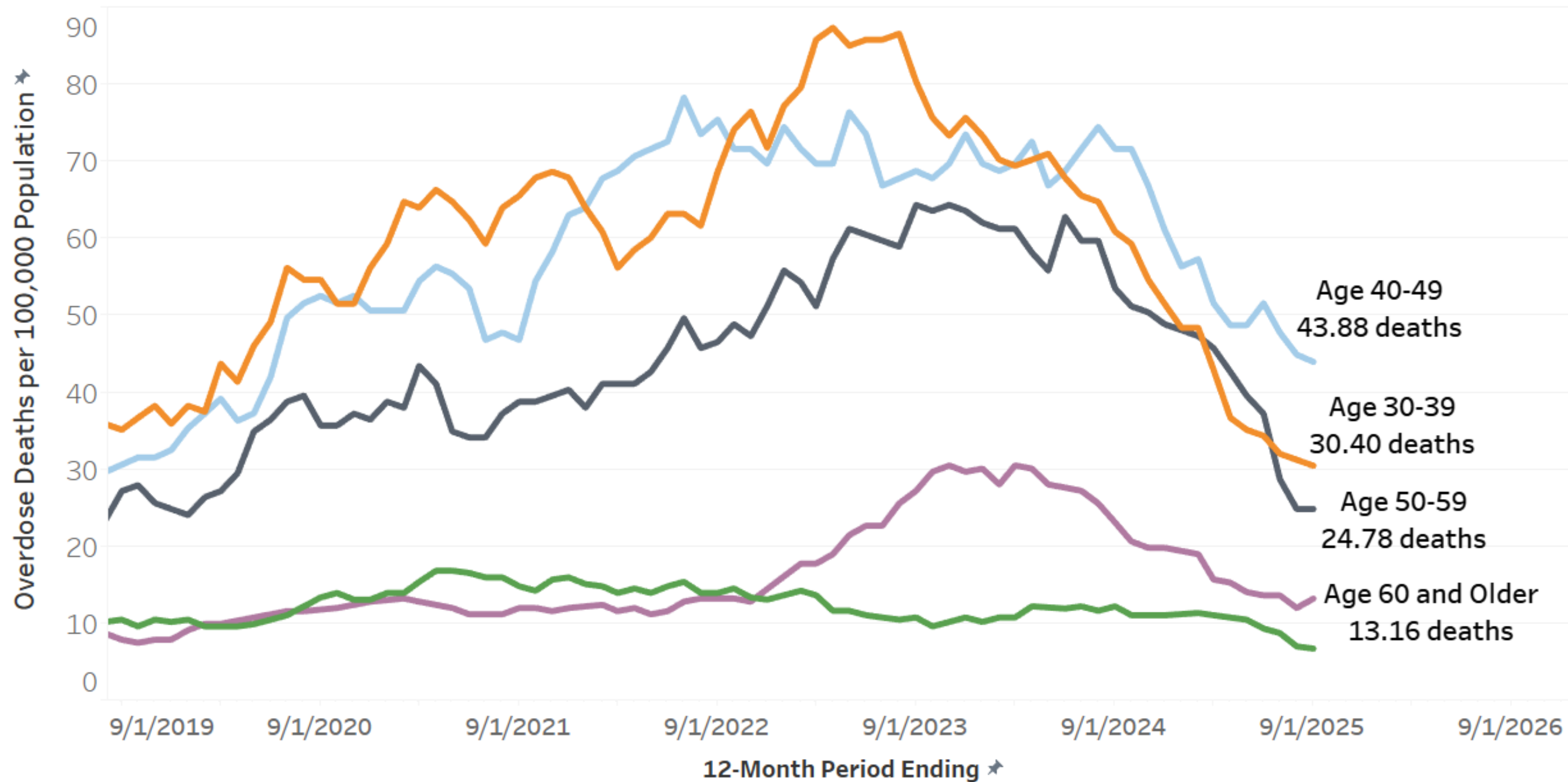
- Ages 40-49 most disproportionately affected
- Decreases in death rates appear to be slowing



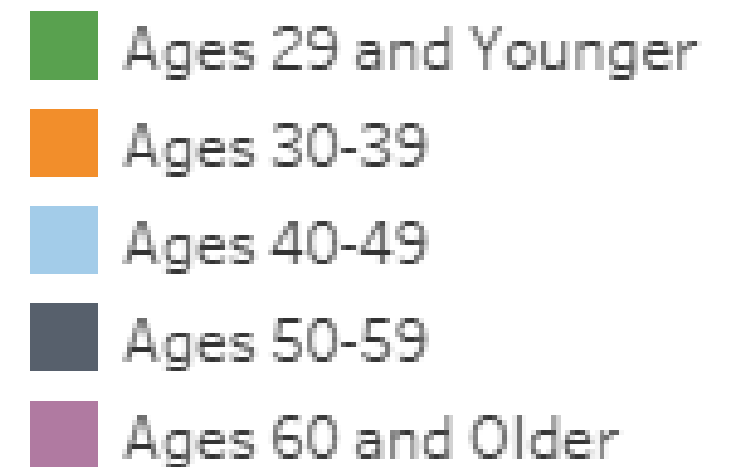
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Opioid-Related Death Demographics

Population-Adjusted Opioid-Related Overdose Deaths by Age Group
12-Month Average, 2020 - October 2025



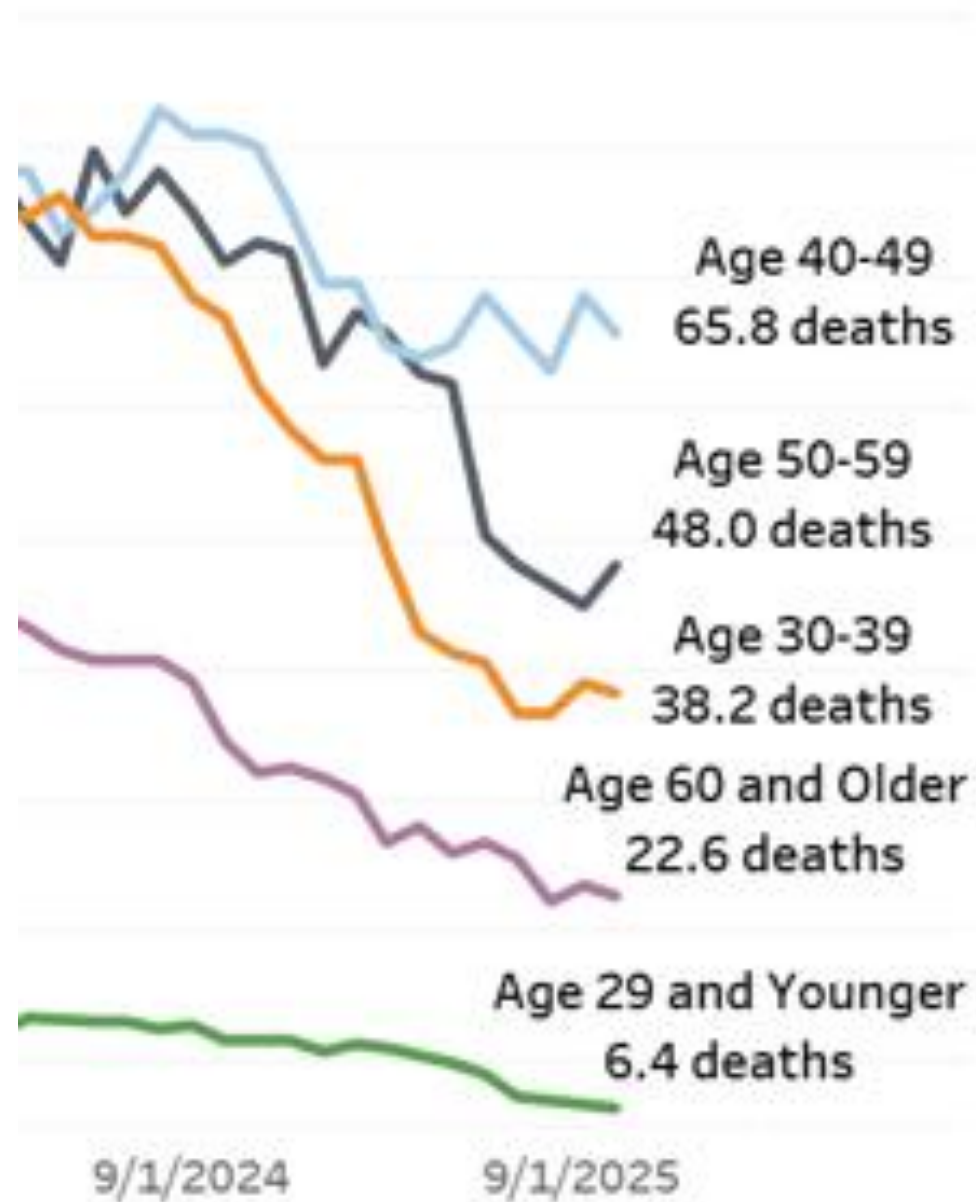
- Most rapid decline among ages 30-39 and 50-59
- Ages 40-49 most affected despite significant decline



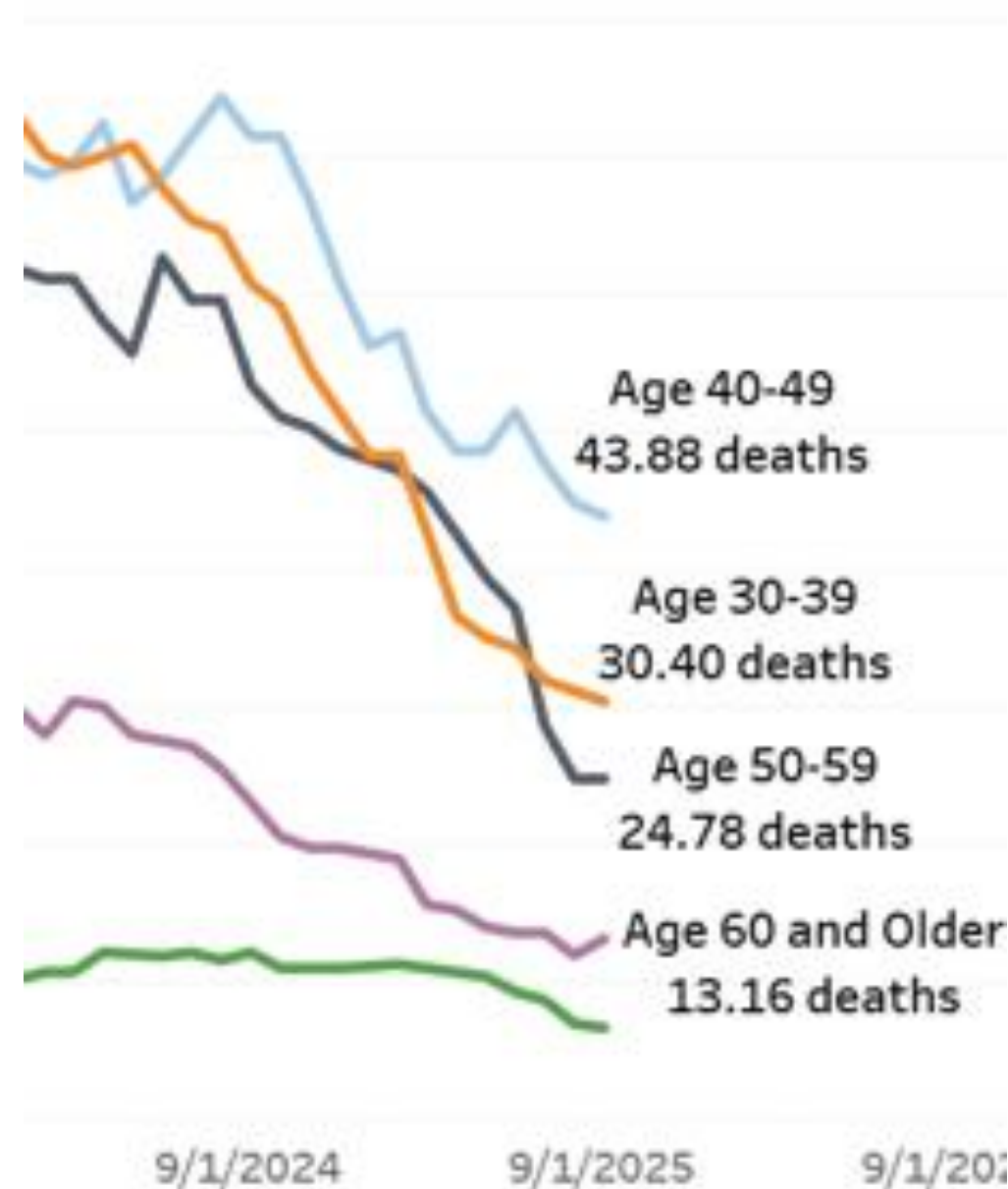
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Opioid-Related Death Demographics

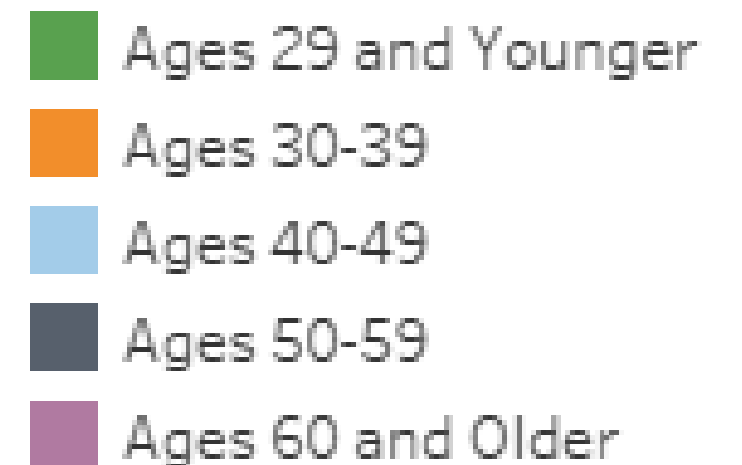
All Overdose Deaths



Opioid-Related Deaths



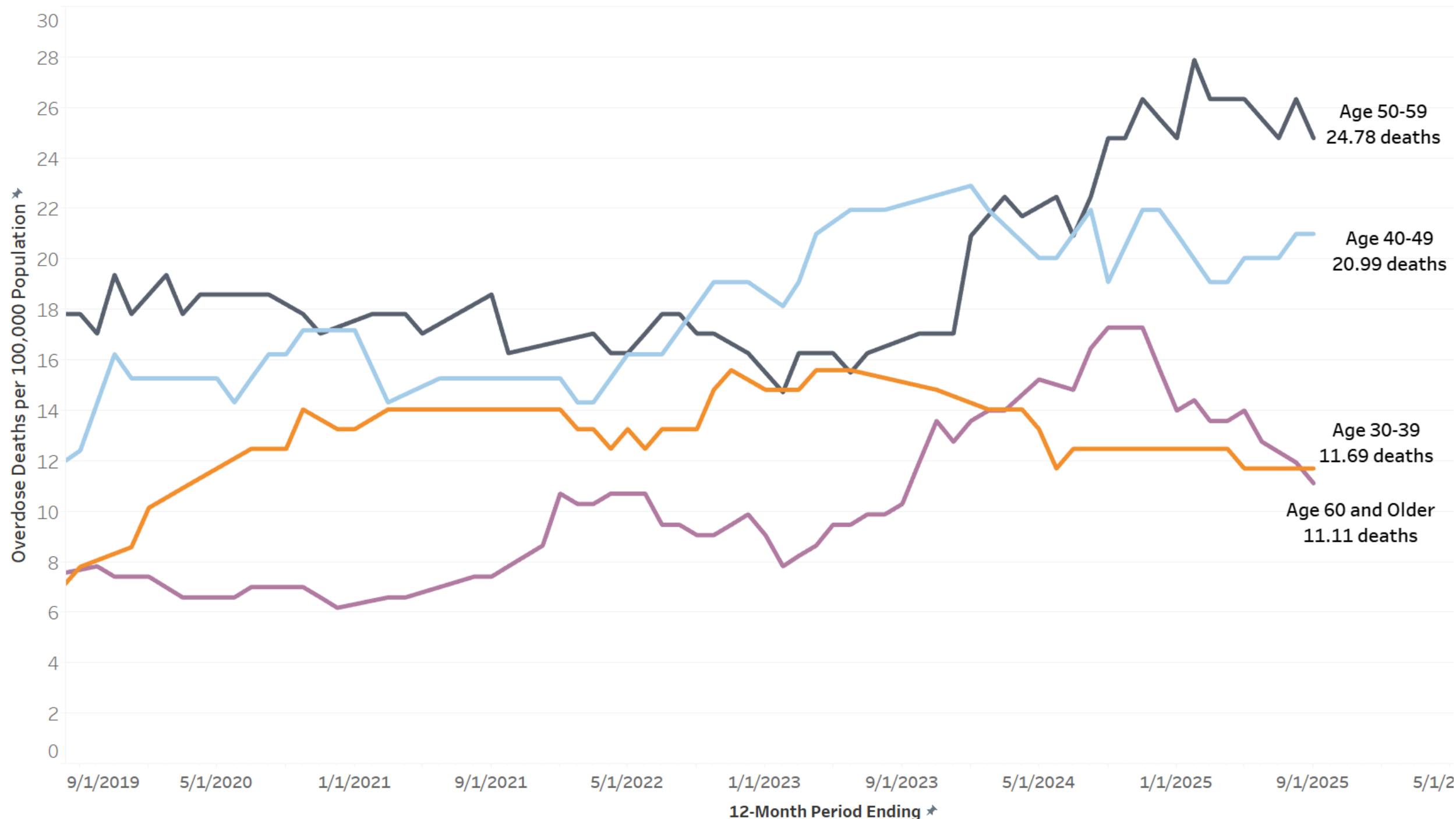
- Disparities by age group closing more rapidly for opioid-related deaths



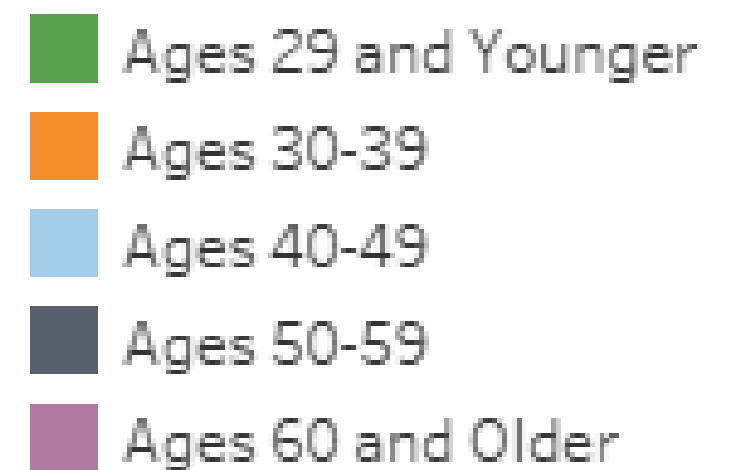
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Non-Opioid Death Demographics

Population-Adjusted Non-Opioid-Related Overdose Deaths by Age Group
12-Month Average, 2020 - October 2025



- Ages 50-59 most affected
 - Increased throughout 2024, flattened in recent months
- Ages 60 and older saw significant decrease beginning November 2024

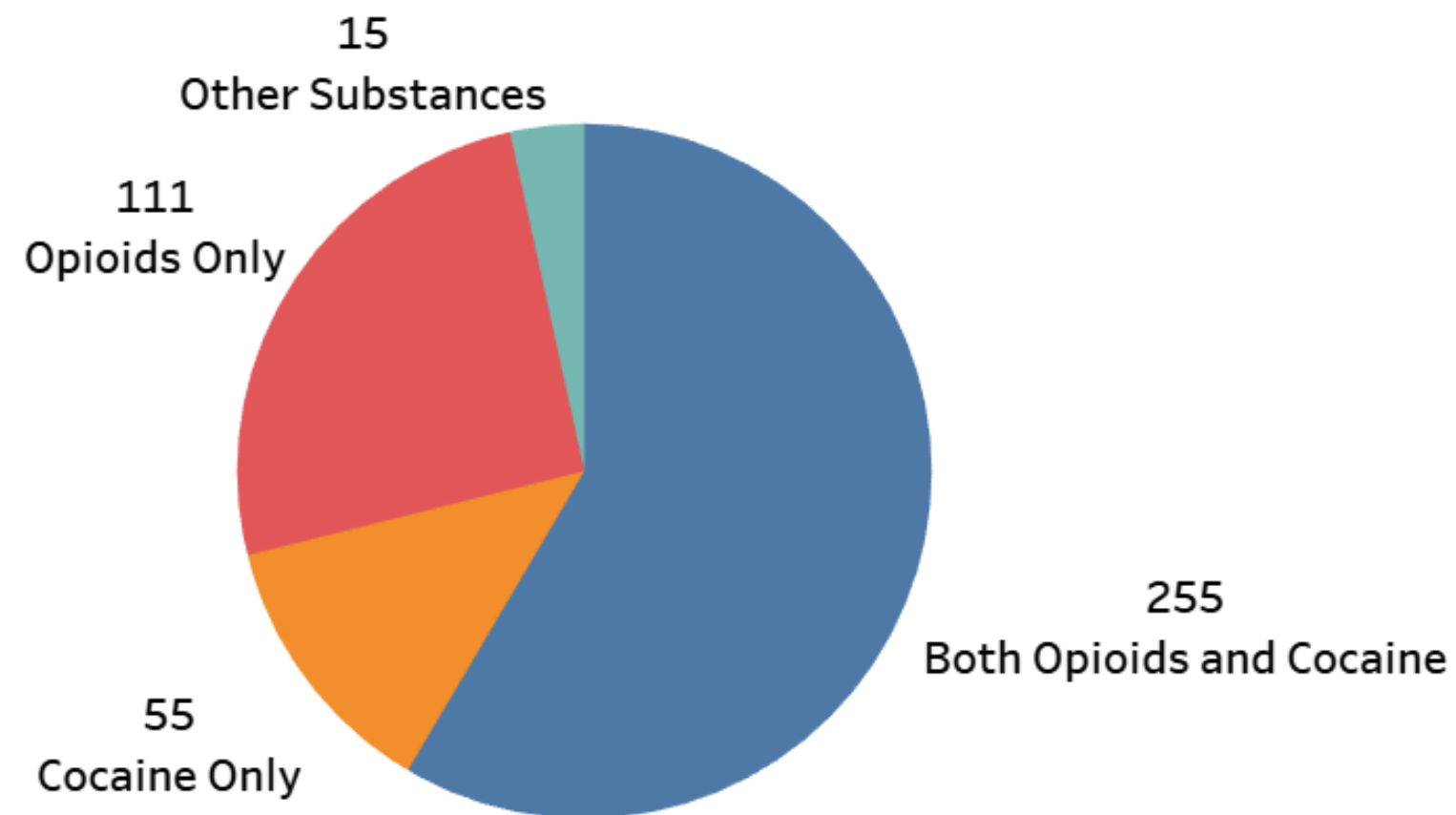


SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

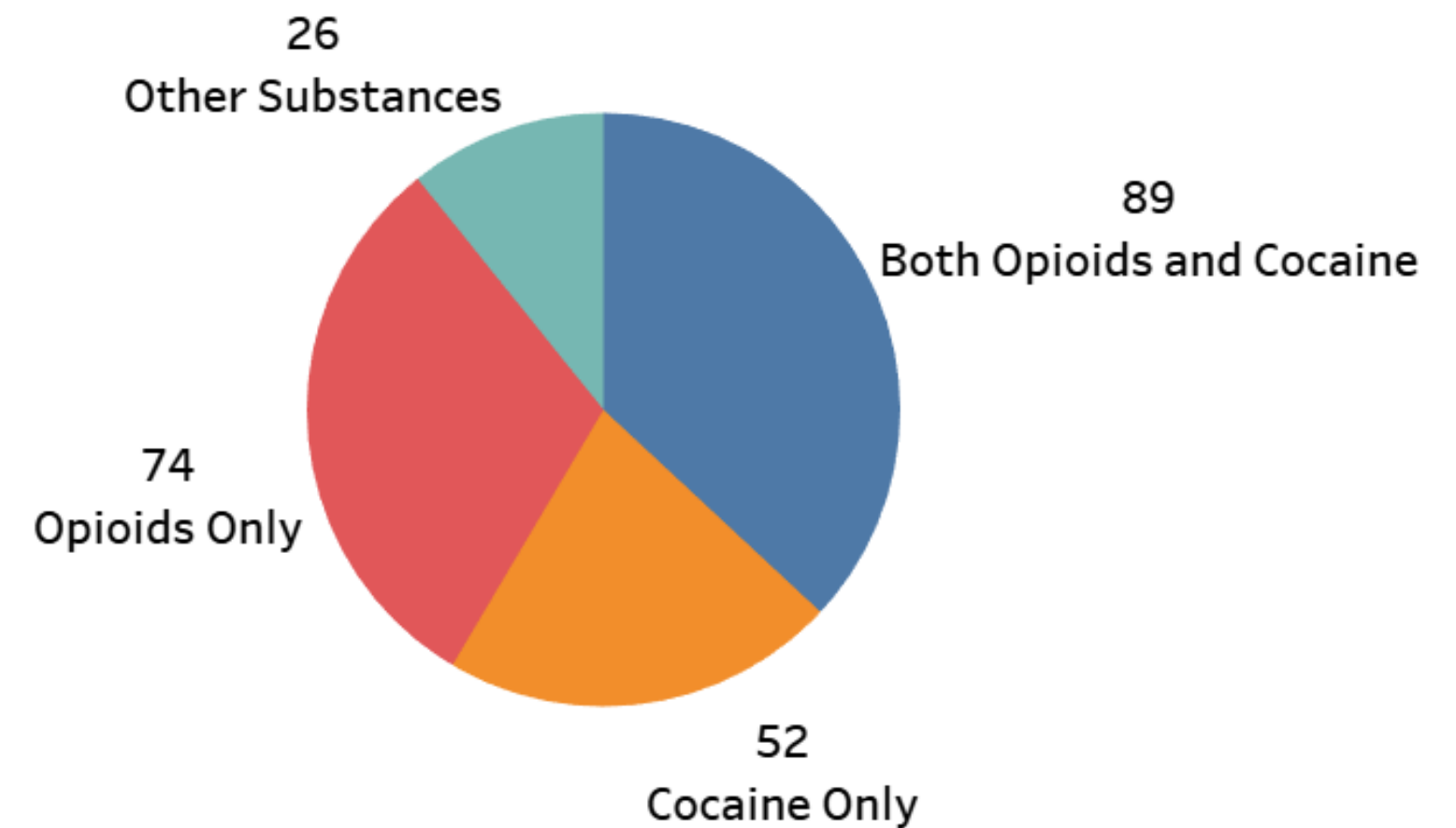
* DATA FOR AGES 29 AND YOUNGER EXCLUDED DUE TO LIMITED DATA

Overdose Death Toxicology

Substances Detected among Overdose Deaths
2023



Substances Detected among Overdose Deaths
September 2024 - August 2025

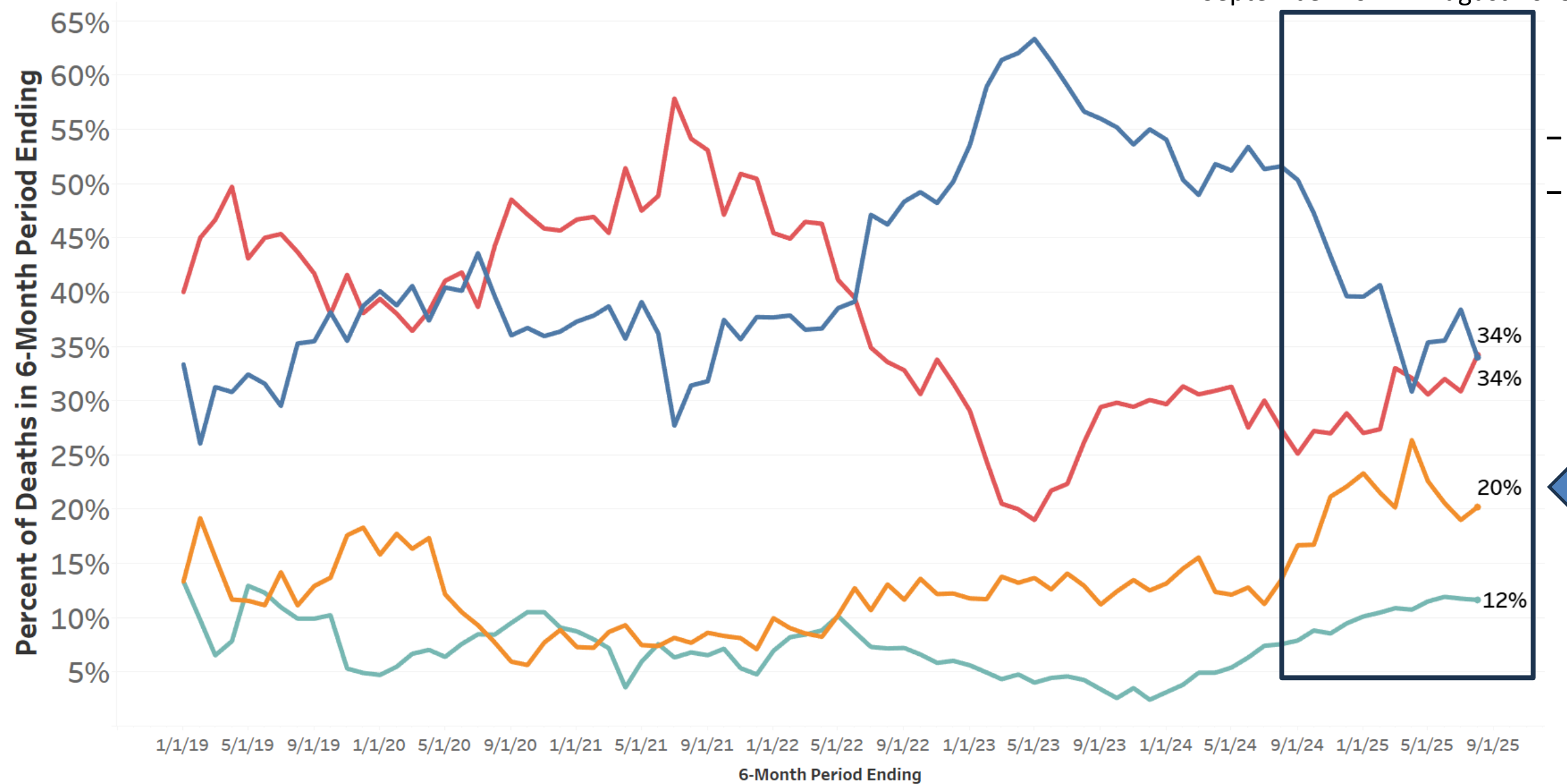


- Deaths related to opioids + cocaine
 - 58% in 2023, fell to 37% in September 2024 – August 2025

22% cocaine w/o opioids, up from 13% in 2023

Overdose Death Toxicology

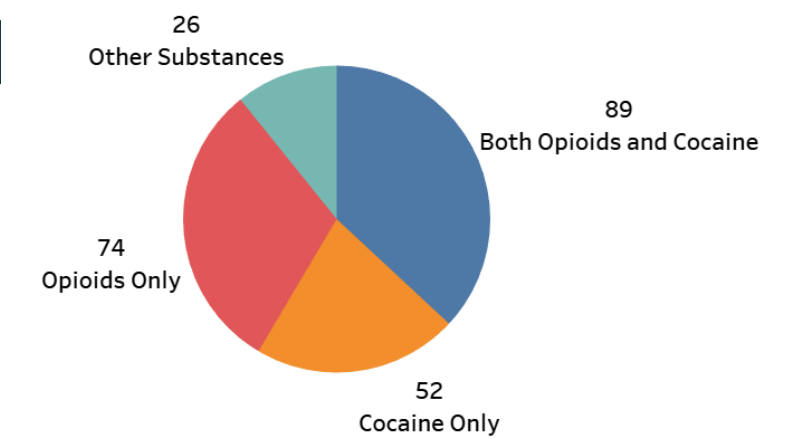
Erie County Overdose Death Toxicology Results
Percent of Deaths in 6-Month Period
2019 - August 2025



- Both Opioids and Cocaine Detected
- Cocaine Only Detected
- Opioids Only Detected
- Other Substances Detected

- Pie chart is like a snapshot
- Line chart shows how each slice changes over time

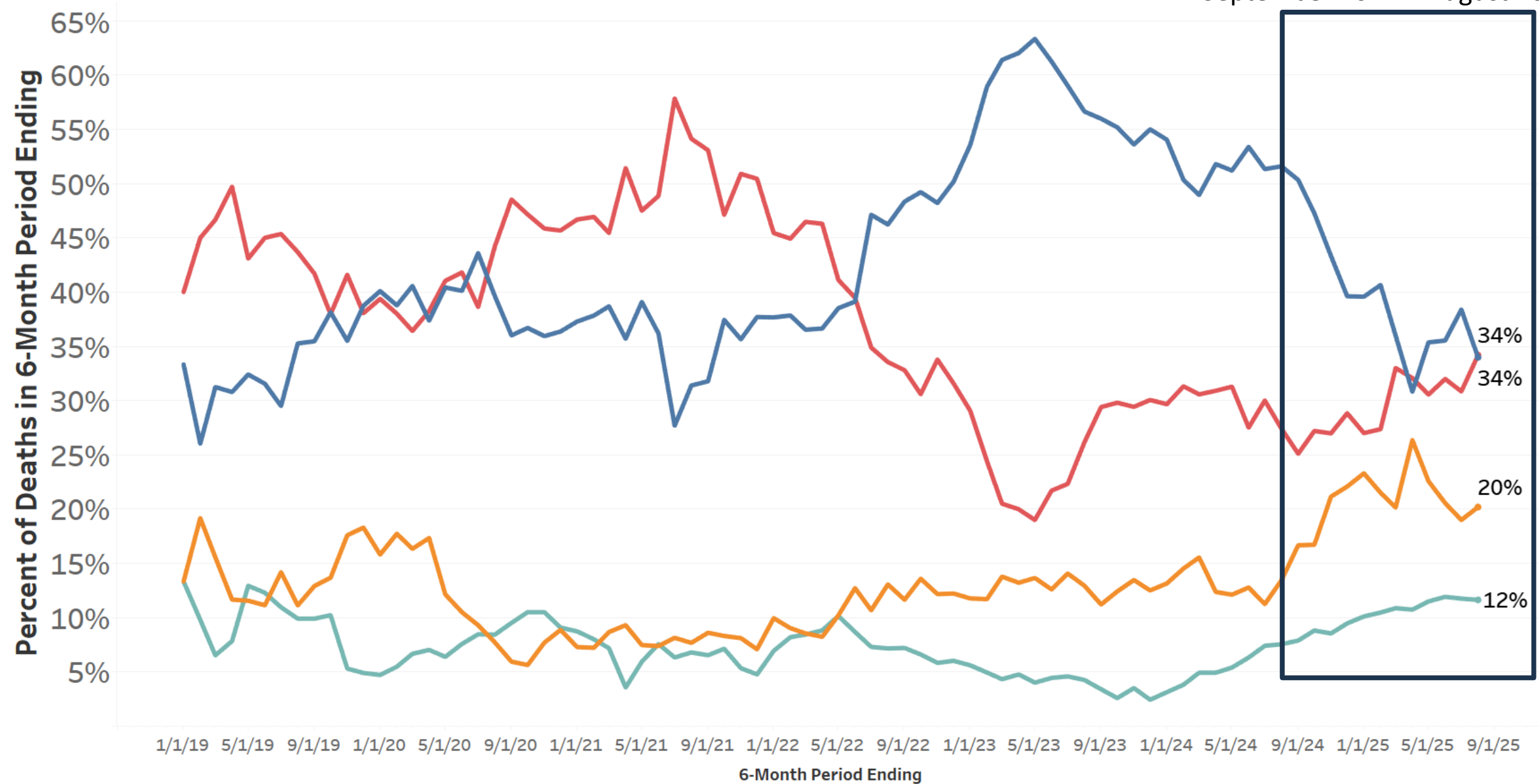
Substances Detected among Overdose Deaths
September 2024 - August 2025



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Overdose Death Toxicology

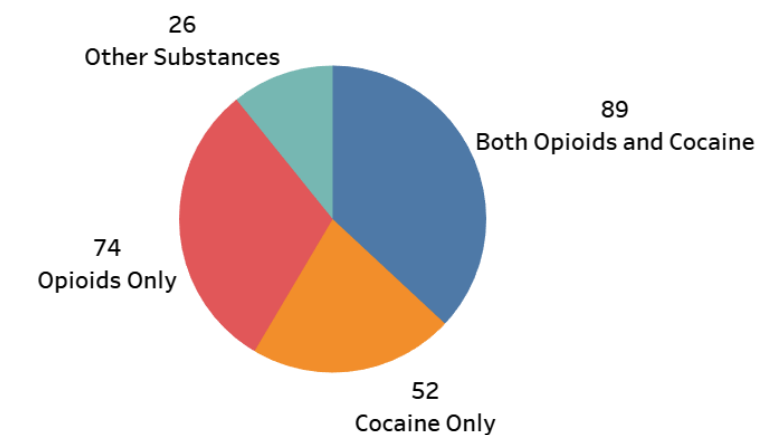
Erie County Overdose Death Toxicology Results
Percent of Deaths in 6-Month Period
2019 - August 2025



- Both Opioids and Cocaine Detected
- Cocaine Only Detected
- Opioids Only Detected
- Other Substances Detected

- Can see recent trends more clearly
- Each point is average % over 6 months

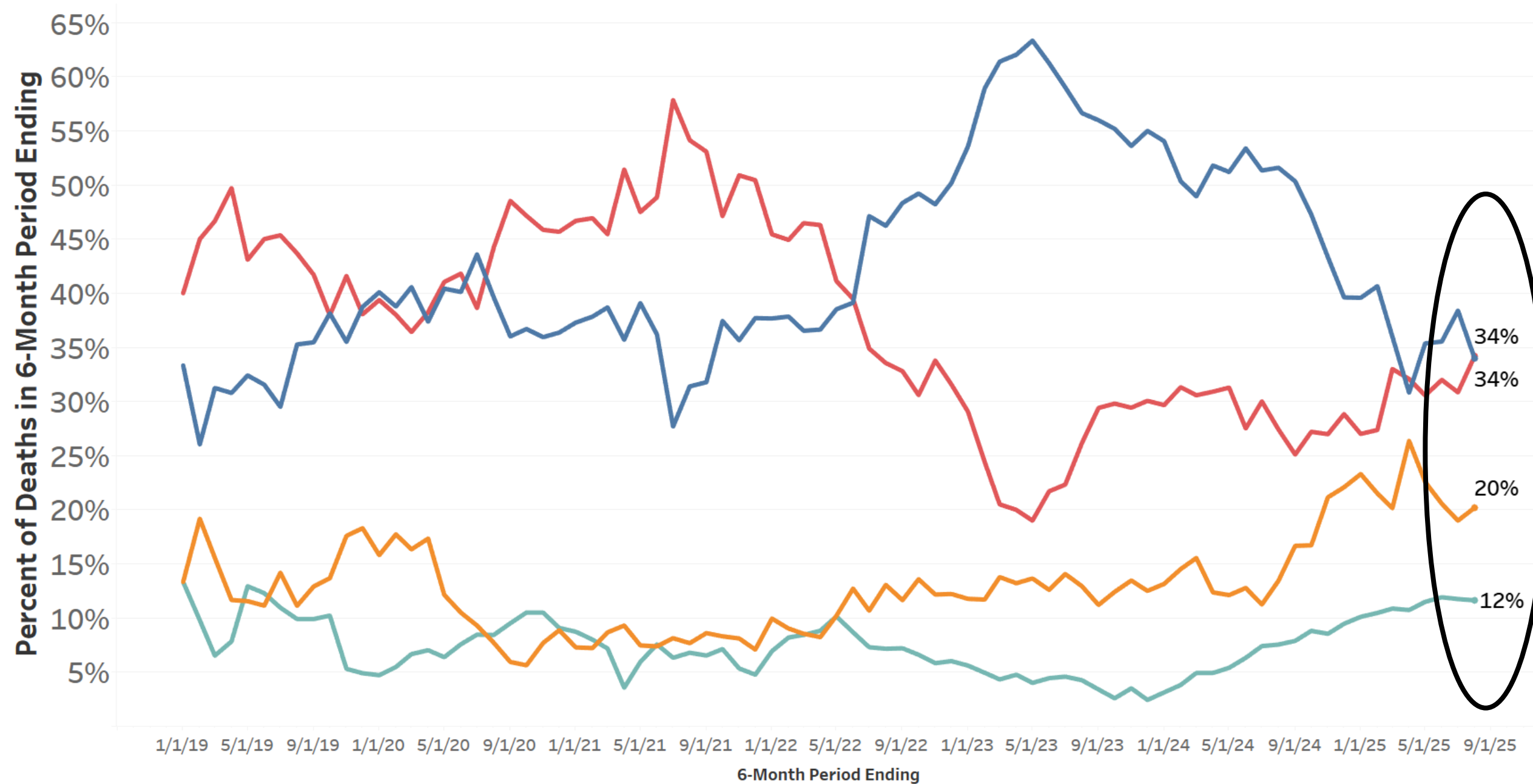
Substances Detected among Overdose Deaths
September 2024 - August 2025



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Overdose Death Toxicology

Erie County Overdose Death Toxicology Results
Percent of Deaths in 6-Month Period
2019 - August 2025



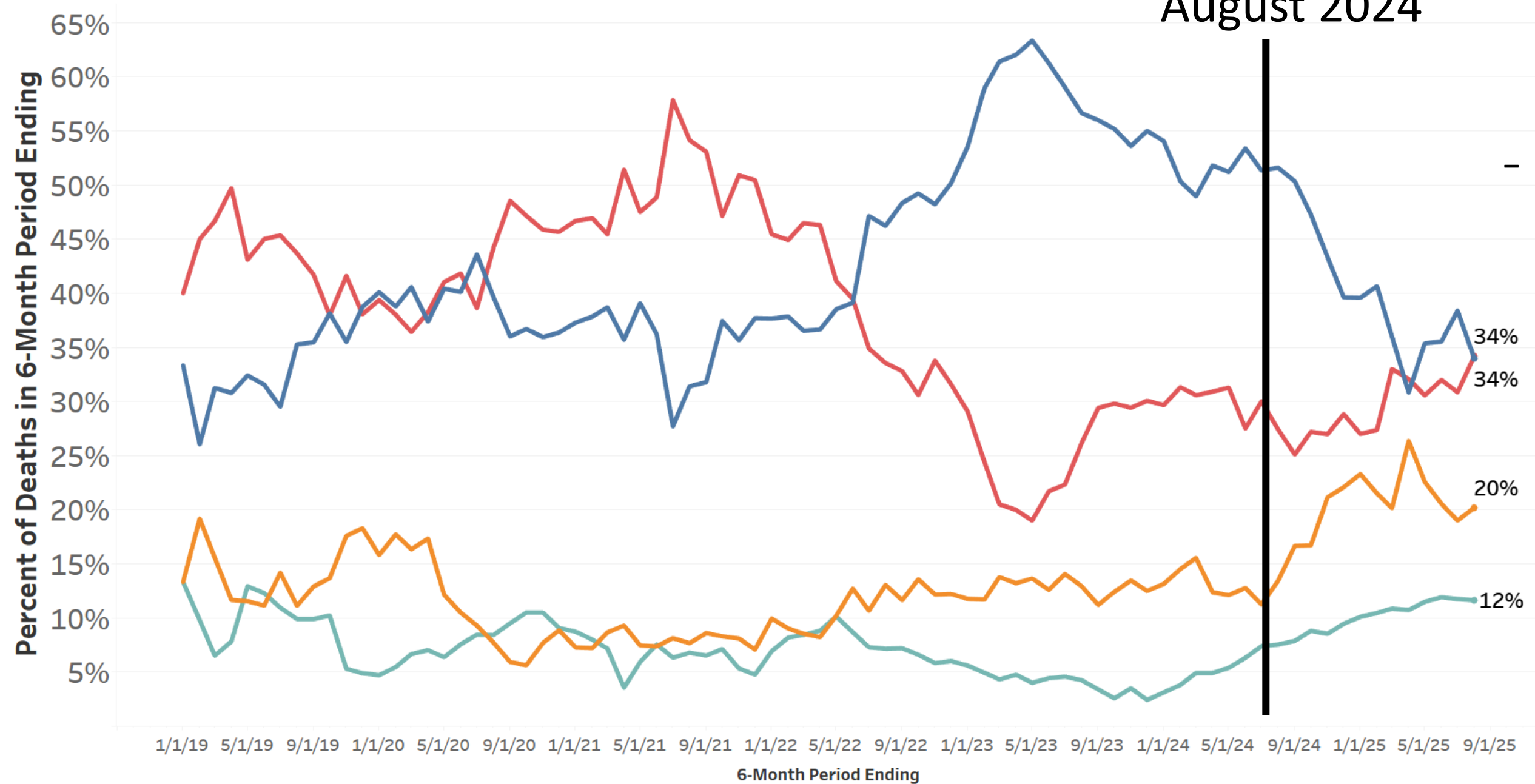
- Both Opioids and Cocaine Detected
- Cocaine Only Detected
- Opioids Only Detected
- Other Substances Detected

- Slight decrease in opioids + cocaine deaths
 - Reversal after several months of increase
- Slight increase in opioids w/o cocaine deaths

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Overdose Death Toxicology

Erie County Overdose Death Toxicology Results
Percent of Deaths in 6-Month Period
2019 - August 2025



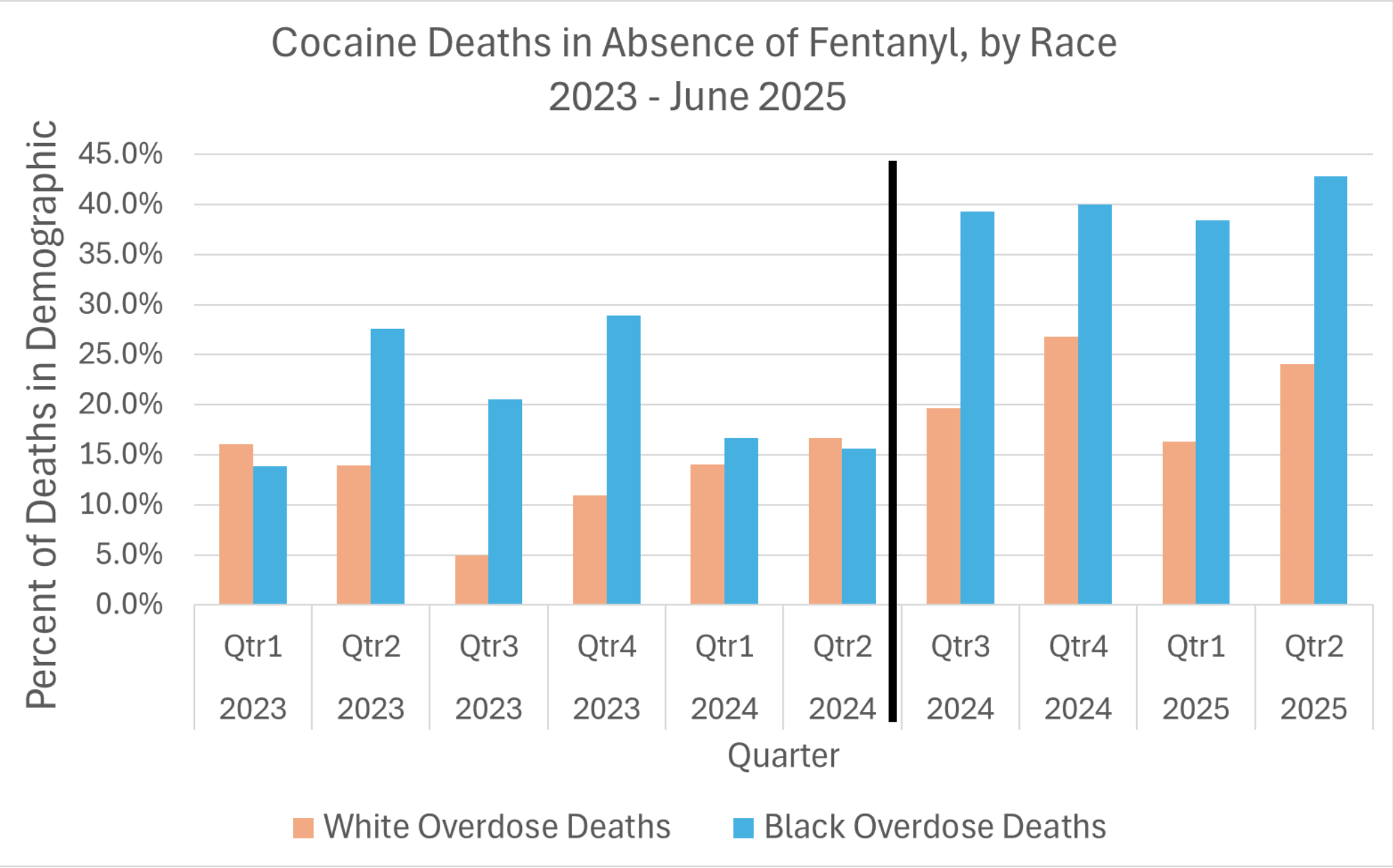
■ Both Opioids and Cocaine Detected
■ Cocaine Only Detected
■ Opioids Only Detected
■ Other Substances Detected

August 2024

- Beginning August 2024:
- Decline in deaths related to opioids + cocaine
- Increase in deaths related to cocaine w/o opioids

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Demographic Trends in Toxicology



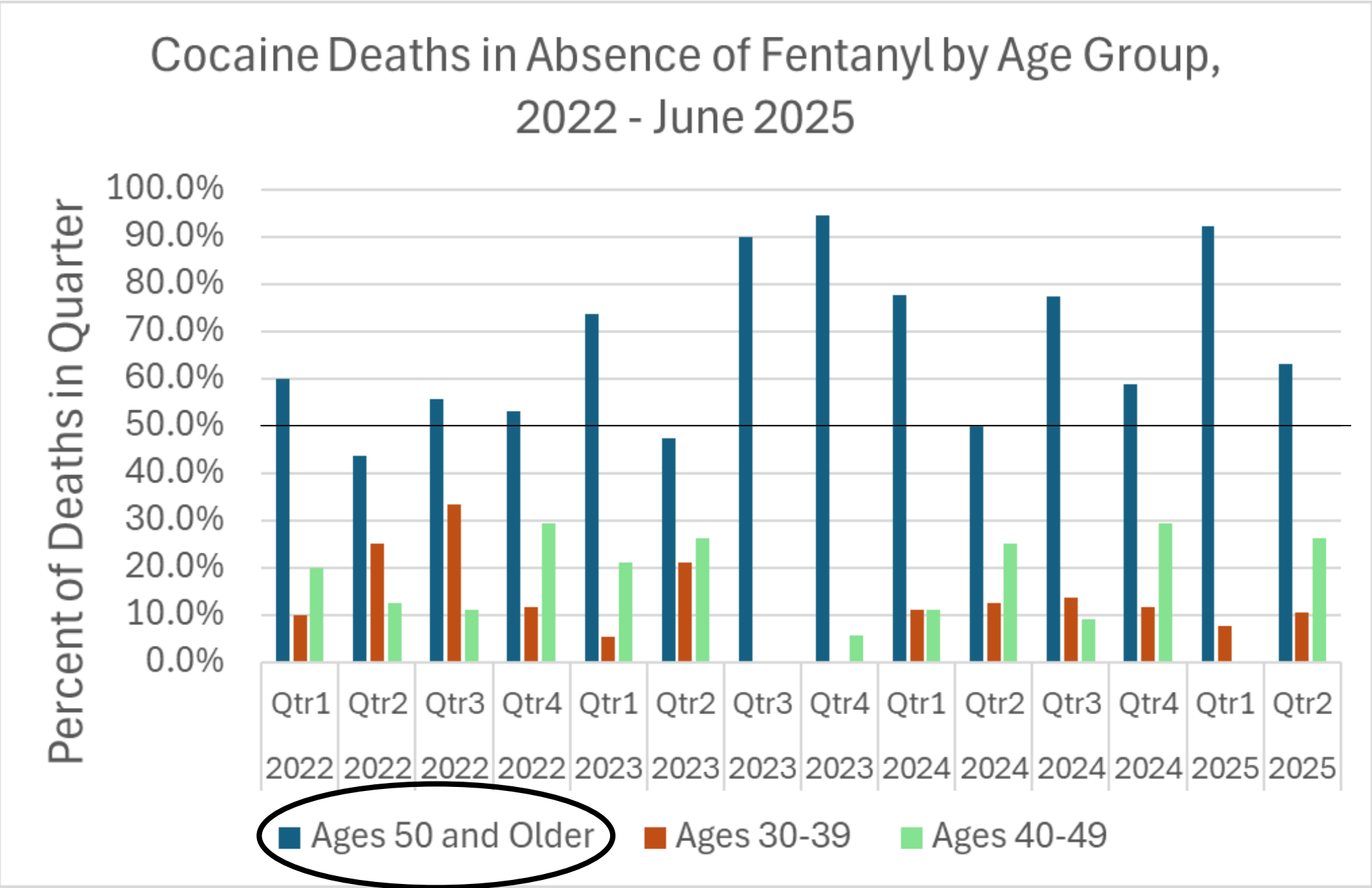
- Cocaine deaths w/o fentanyl increased more among Black population compared to White population
- Shift occurred abruptly in mid-2024

*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 11/7/2025

Demographic Trends in Toxicology

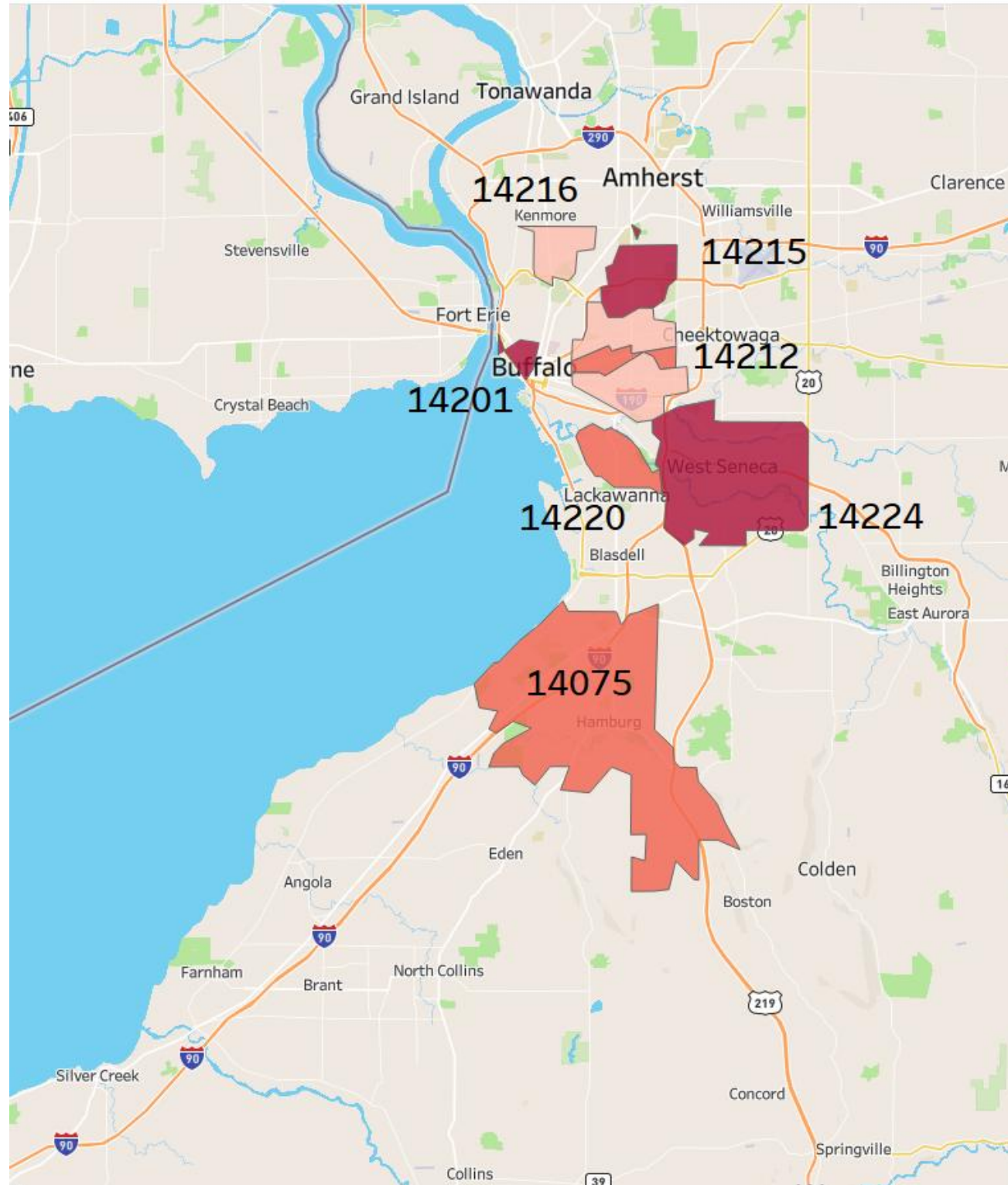


- Cocaine deaths in absence of fentanyl are mostly age 50 and older
- At least 50% in all quarters except 2 from 2022 – June 2025

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/7/2025

Overdose Deaths by ZIP Code

Overdose Deaths by ZIP Code
May 2025 - October 2025



May 2025 – October 2025

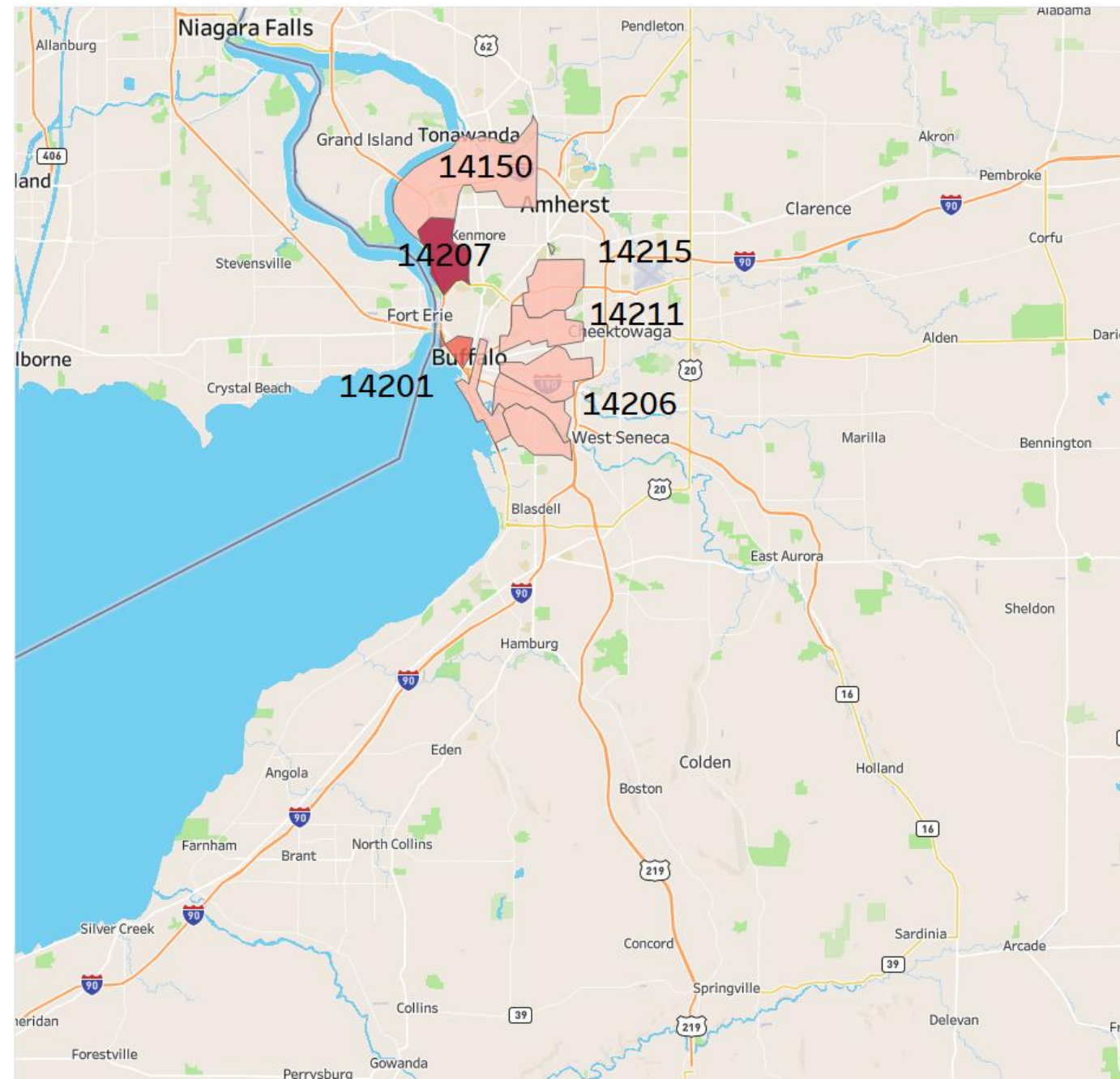
- 14215 (CoB, East Side): 8 deaths
- 14201 (CoB, Lower West Side): 7 deaths
- 14224 (West Seneca): 7 deaths
- 14212 (CoB, East Side): 6 deaths
- 14220 (South Buffalo): 6 deaths
- 14075 (Hamburg): 6 deaths
- 14211 (CoB, East Side): 5 deaths
- 14216 (North Buffalo): 5 deaths
- 14206 (Lovejoy): 5 deaths

DATA EXCLUDED FOR ZIP CODES WITH FEWER THAN 5
OVERDOSE DEATHS IN TIME PERIOD

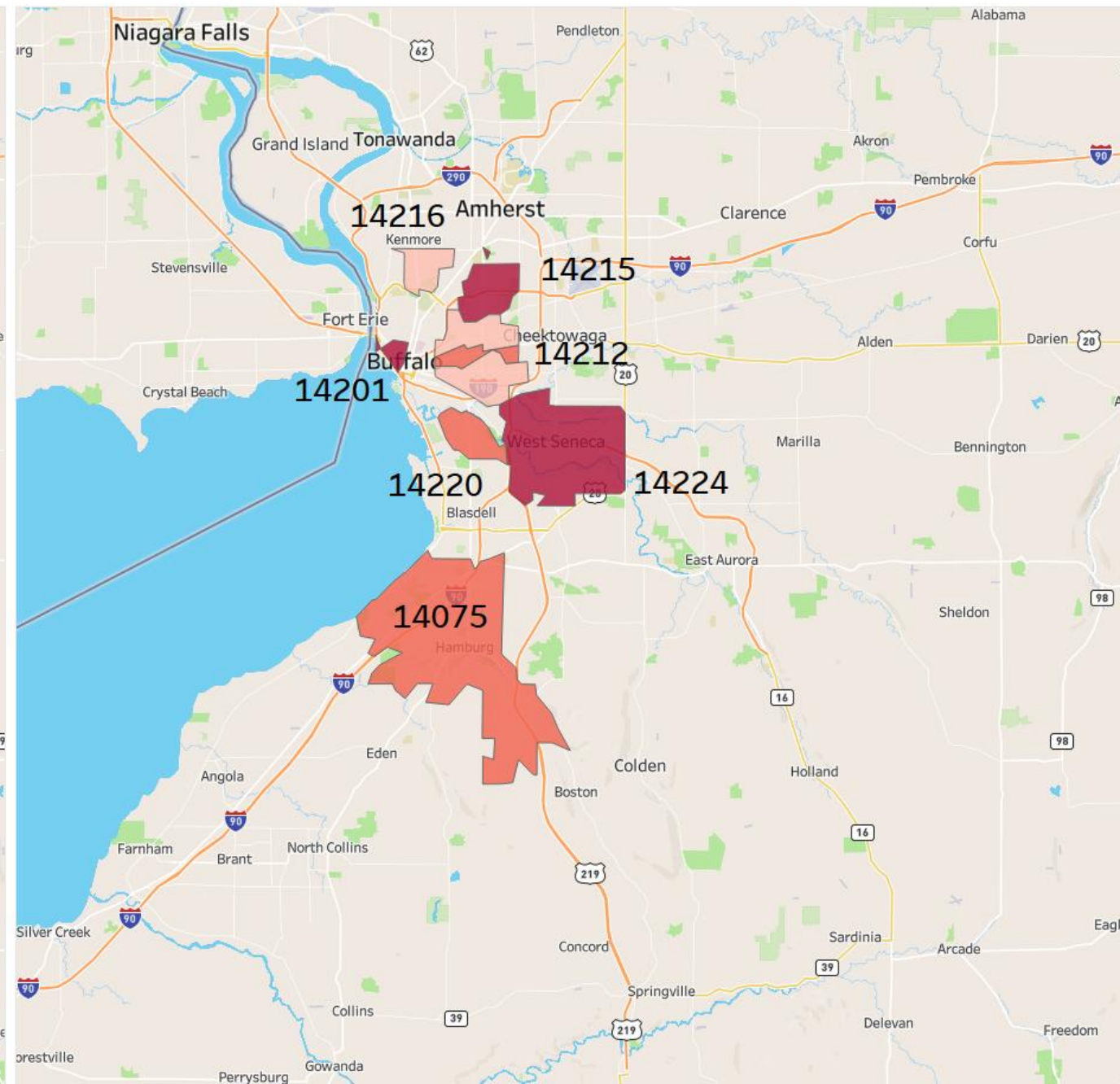
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/7/2025

Overdose Deaths by ZIP Code

Overdose Deaths by ZIP Code
November 2024 - April 2025



Overdose Deaths by ZIP Code
May 2025 - October 2025



Increasing overdose deaths:

- 14215
- 14212
- 14216
- 14220
- West Seneca (14224)
- Hamburg (14075)

Decreasing overdose deaths:

- 14211
- 14201
- Tonawanda (14150)
- 14206

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/07/2025

Non-Fatal Overdose Reports 2022 - Present

Data based on police reports complied by High Intensity Drug Trafficking Area
Office (HIDTA) and tabulated by Office of Harm Reduction (OHR)



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.

Non-Fatal Overdoses, 2022 to Present

30-Day Average Non-Fatal Overdose Reports per Day, 2022 - Present



- OHR receives OD reports daily from HIDTA
 - Aggregated from law enforcement reports and EMS calls
 - Used for follow-up after OD and planning outreach
- Not all overdoses are reported

SOURCE: ERIE COUNTY HIDTA OFFICE, REPORTS AS OF 11/04/2025

Non-Fatal Overdoses, 2022 to Present

30-Day Average Non-Fatal Overdose Reports per Day, 2022 - Present

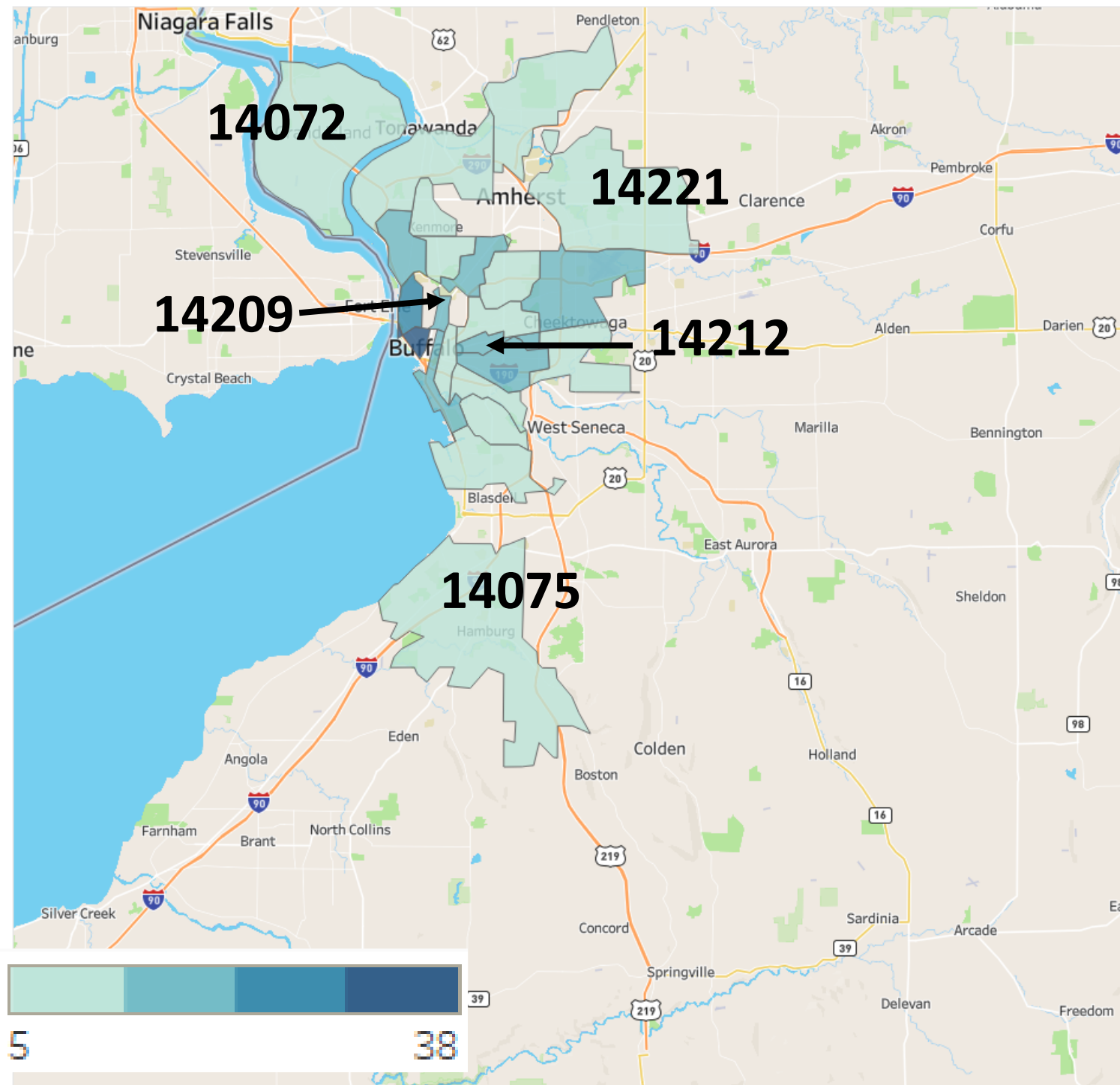


- Typically, 2-3 non-fatal reports per day
- OD deaths are down, but non-fatal reports remain steady

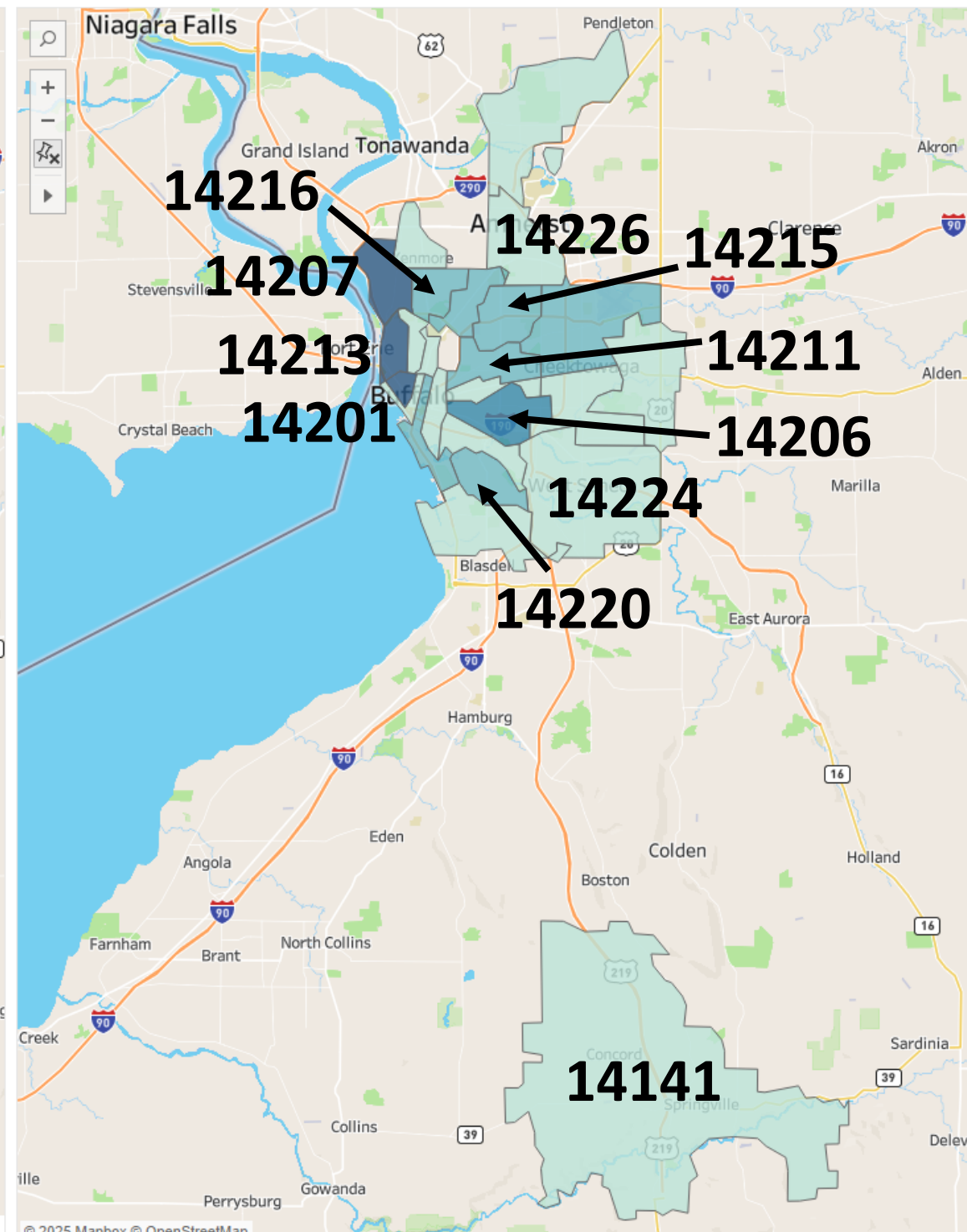
SOURCE: ERIE COUNTY HIDTA OFFICE, REPORTS AS OF 11/04/2025

Non-Fatal Reports by ZIP Code

Non-Fatal Reports by ZIP Code
November 2024 - April 2025



Non-Fatal Reports by ZIP Code
May 2025 - October 2025



Increased Reports

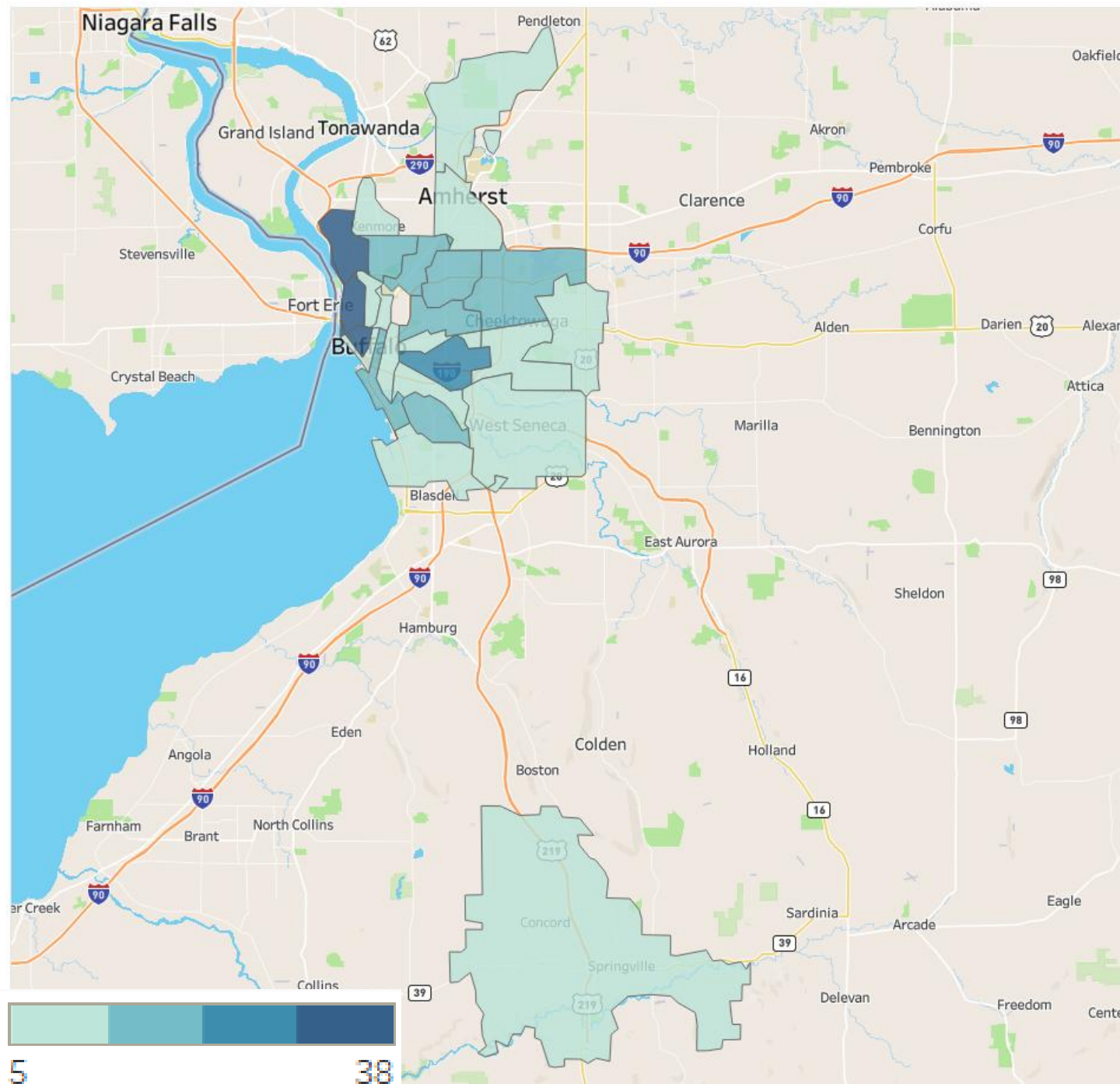
- 14207 (Black Rock)
- 14213 (Grant Ferry)
- 14201 (Lower West Side)
- 14206 (Lovejoy)
- 14211 & 14215 (East Side)
- 14220 (South Buffalo)
- 14216 (North Buffalo)
- 14224 (West Seneca)
- 14141 (Springville)
- 14226 (Eggertsville)

Decreased Reports

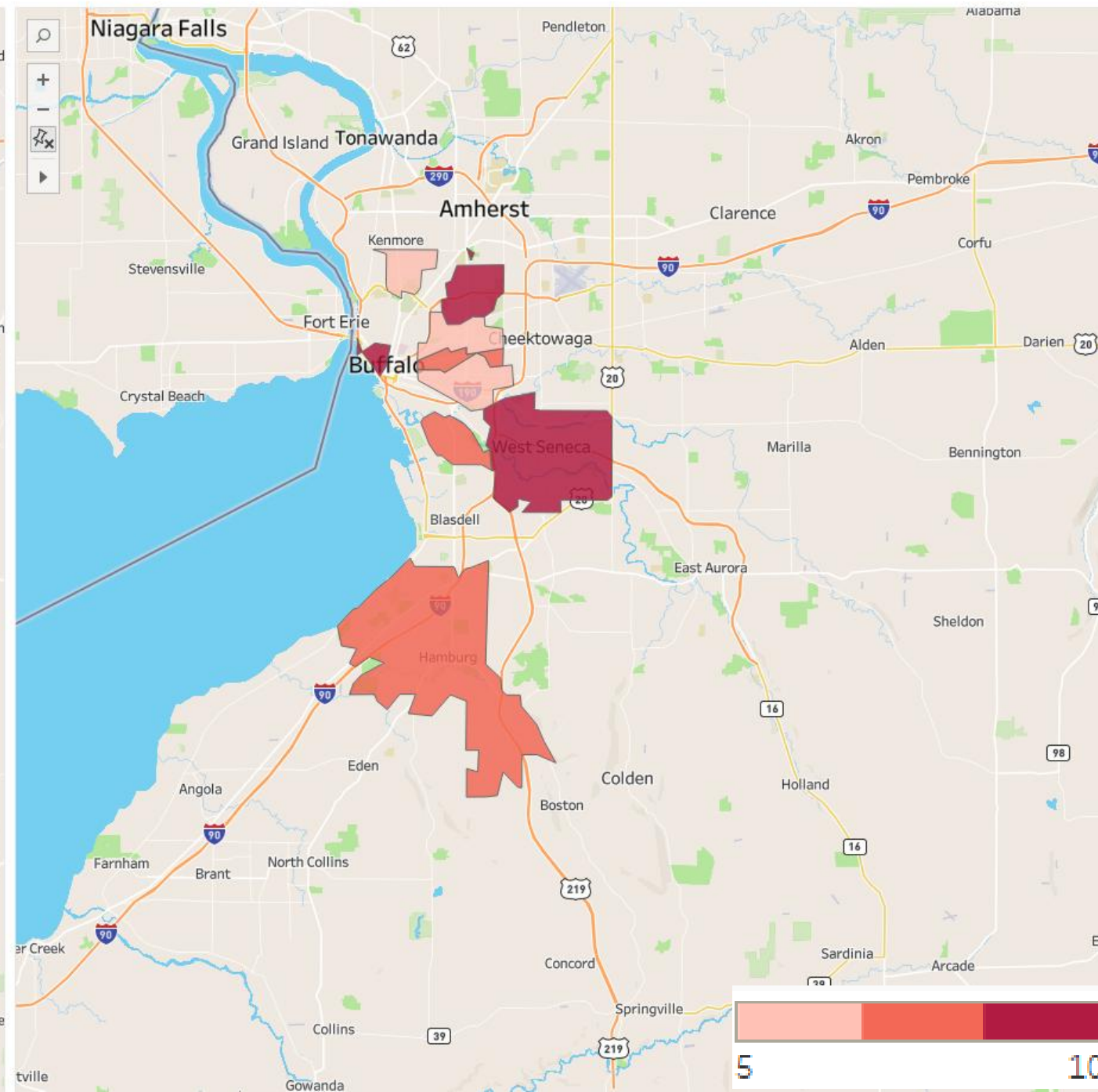
- 14212 (Broadway)
- 14075 (Hamburg)
- 14221 (Williamsville)
- 14209 (CoB, Main St.)
- 14072 (Grand Island)

OD Deaths vs Non-Fatal Reports

Non-Fatal Reports by ZIP Code
May 2025 - October 2025



Overdose Deaths by ZIP Code
May 2025 - October 2025



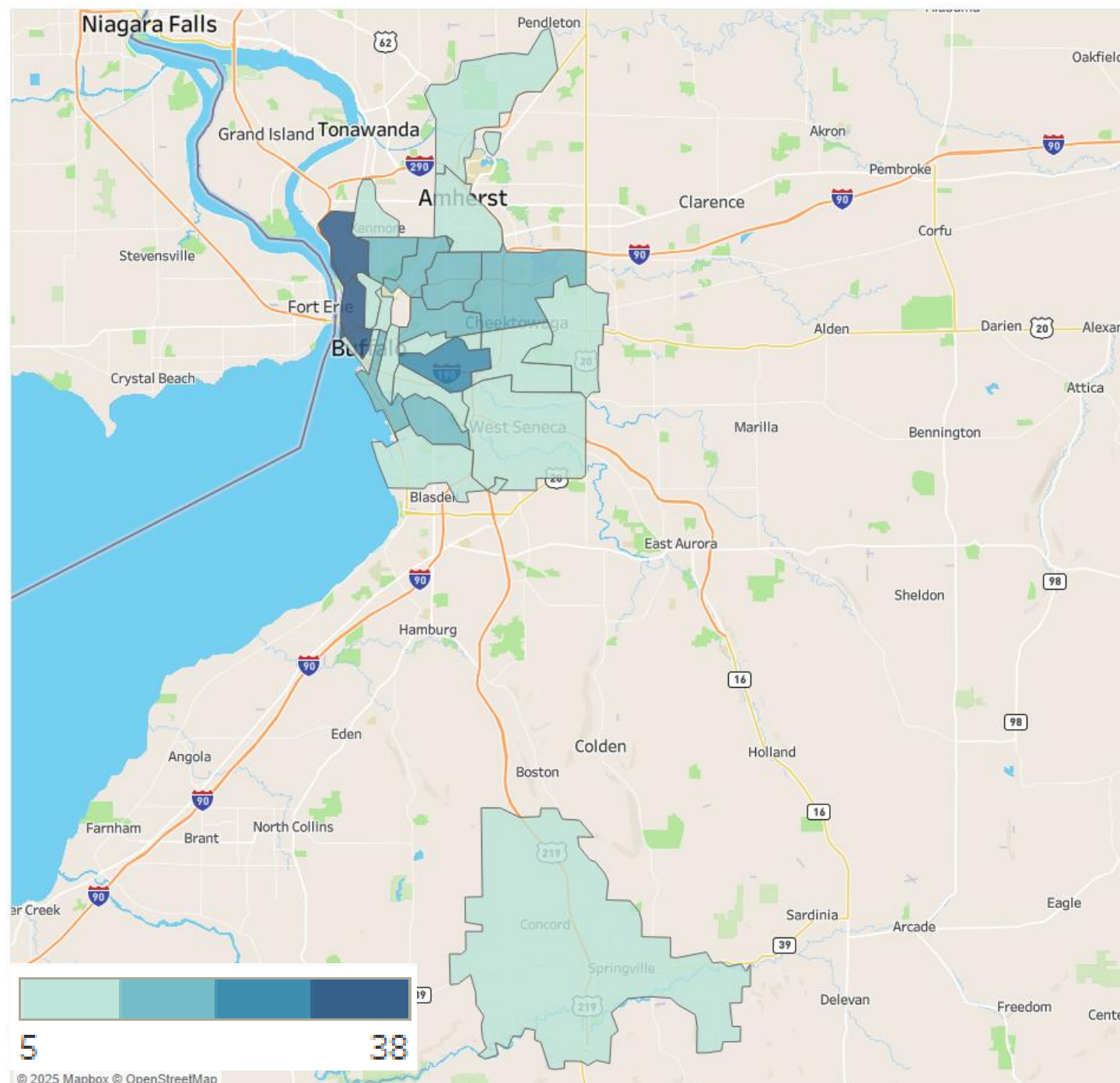
- We typically see more non-fatal OD reports than OD deaths in each ZIP
- If ZIP OD deaths exceed non-fatal reports, cause for concern
 - Potential indicator of under-reporting

SOURCE: ERIE COUNTY HIDTA OFFICE, REPORTS AS OF 11/4/2025

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/7/2025

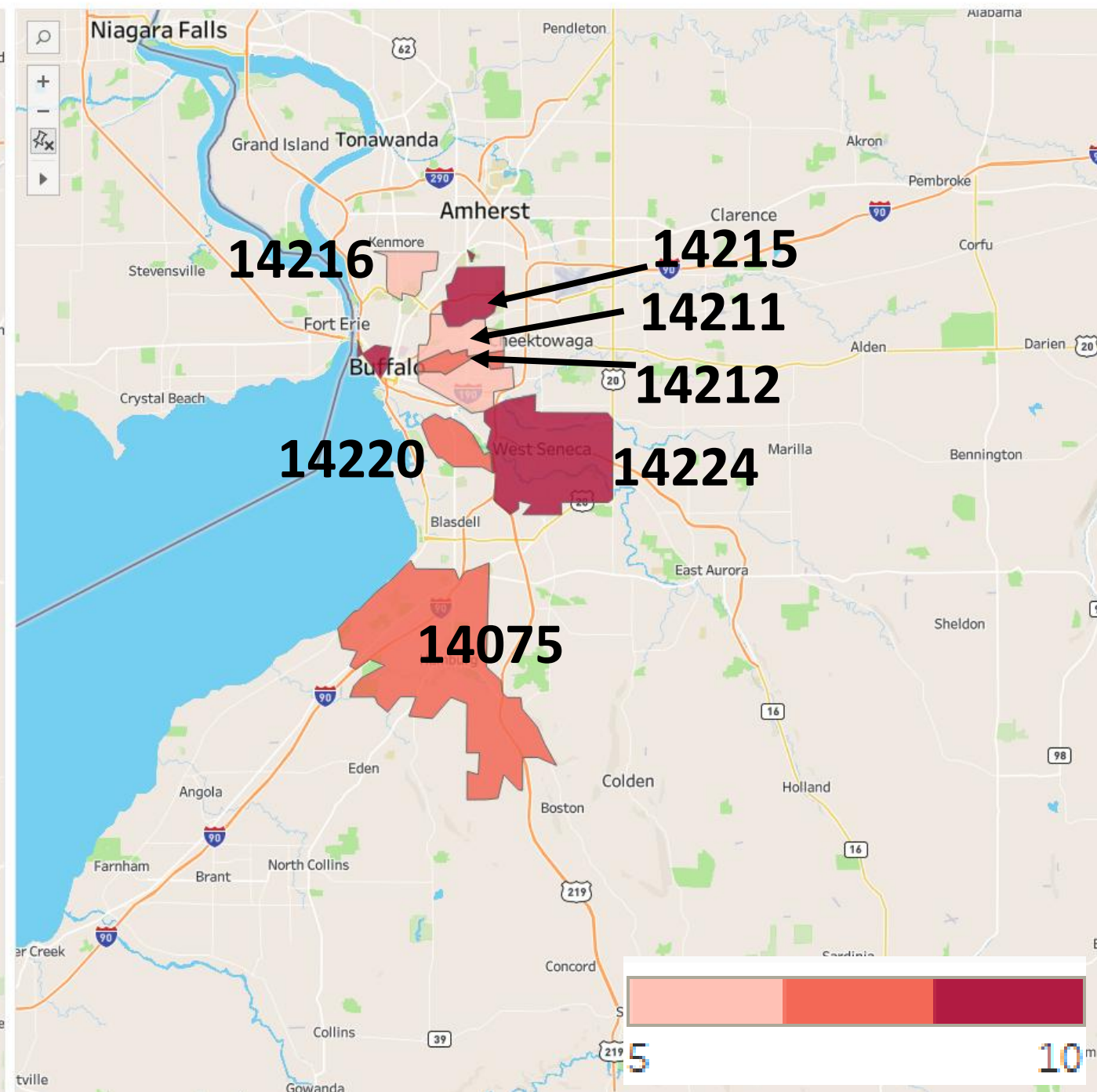
OD Deaths vs Non-Fatal Reports

Non-Fatal Reports by ZIP Code
May 2025 - October 2025



SOURCE: ERIE COUNTY HIDTA OFFICE, REPORTS AS OF 11/4/2025

Overdose Deaths by ZIP Code
May 2025 - October 2025



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 11/7/2025

More deaths than expected:

- High concern
 - East Side
 - 14215, 14212
 - West Seneca (14224)
 - Hamburg (14075)
- Moderate concern
 - 14216 (North Buffalo)
 - 14211 (East Side)
 - 14220 (South Buffalo)

Fewer non-fatal reports than expected given number of OD deaths

Summary

- OD deaths continue to decline, but non-fatal reports remain relatively steady
- Disparities by race/ethnicity still significant, but decreasing
 - Remain large for non-opioid related deaths
 - Opioid-related OD's now have most disproportionate impact on Hispanic population
- Age profile of deaths differs by substance
 - Non-opioid deaths are predominantly age 50-59
 - Opioid-related deaths are predominantly 40-49
- High concentration of deaths in 14215, 14201, and 14224
- Decreasing OD deaths in 14150, 14201, 14206, and 14211
- More deaths than expected in West Seneca (14224), Hamburg (14075) and East Side of Buffalo (14215, 14212)
 - 14216 (North Buffalo) emerging as area of concern

Data Webinars: Heat Maps!

Quarterly Webinars for Community Organizations

- Heat maps of overdose reports
- Ask questions, request specific maps
- Sign up for monthly heat map updates!
 - Must sign and return MOU



Next webinar: 2/23/2026

<https://forms.office.com/g/kYTQtFCyXs?origin=IprLink>

Webinar QR Code:



Thank You!
Questions or
Comments?