

BRIDGE Erie to Harm Reduction Overdose Data Updates October 2025



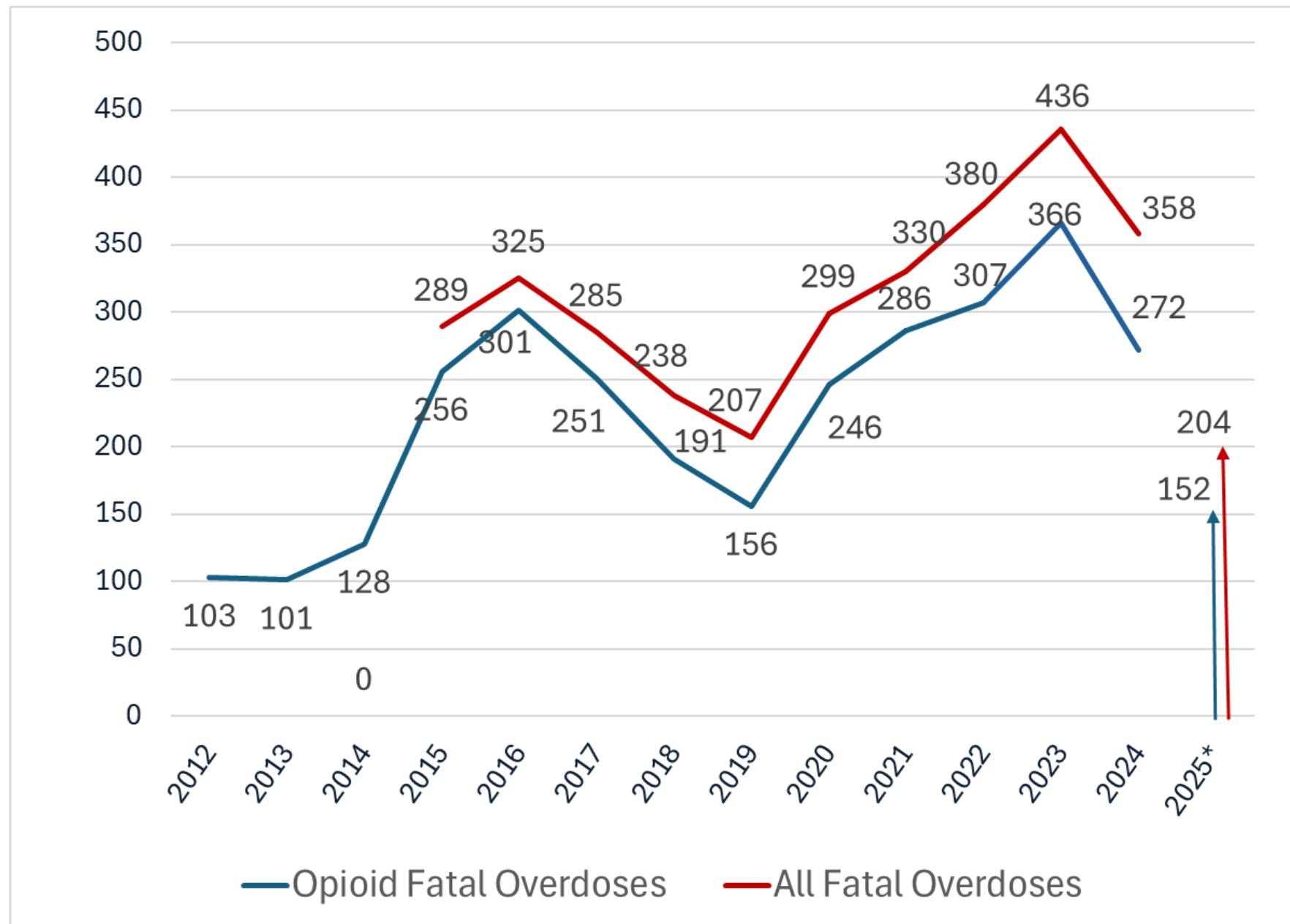
**Erie County
Department of
Health**



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Overdose Deaths, 2012 – 2025*

2012 – 2025* NUMBER OF OVERDOSE RELATED DEATHS ERIE COUNTY



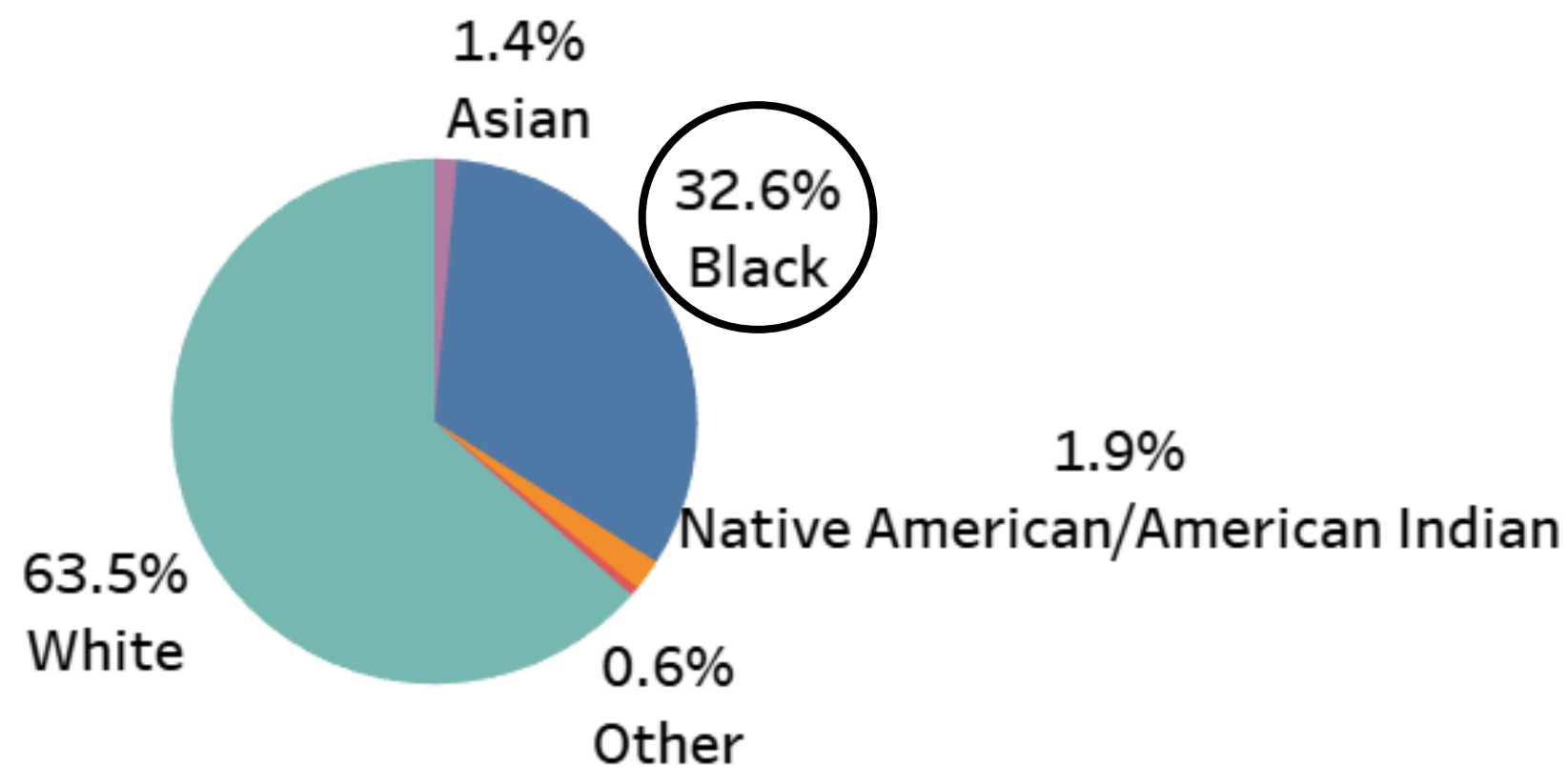
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE, *CASES REPORTED THRU 10/24/2025

2025 Overdose Deaths

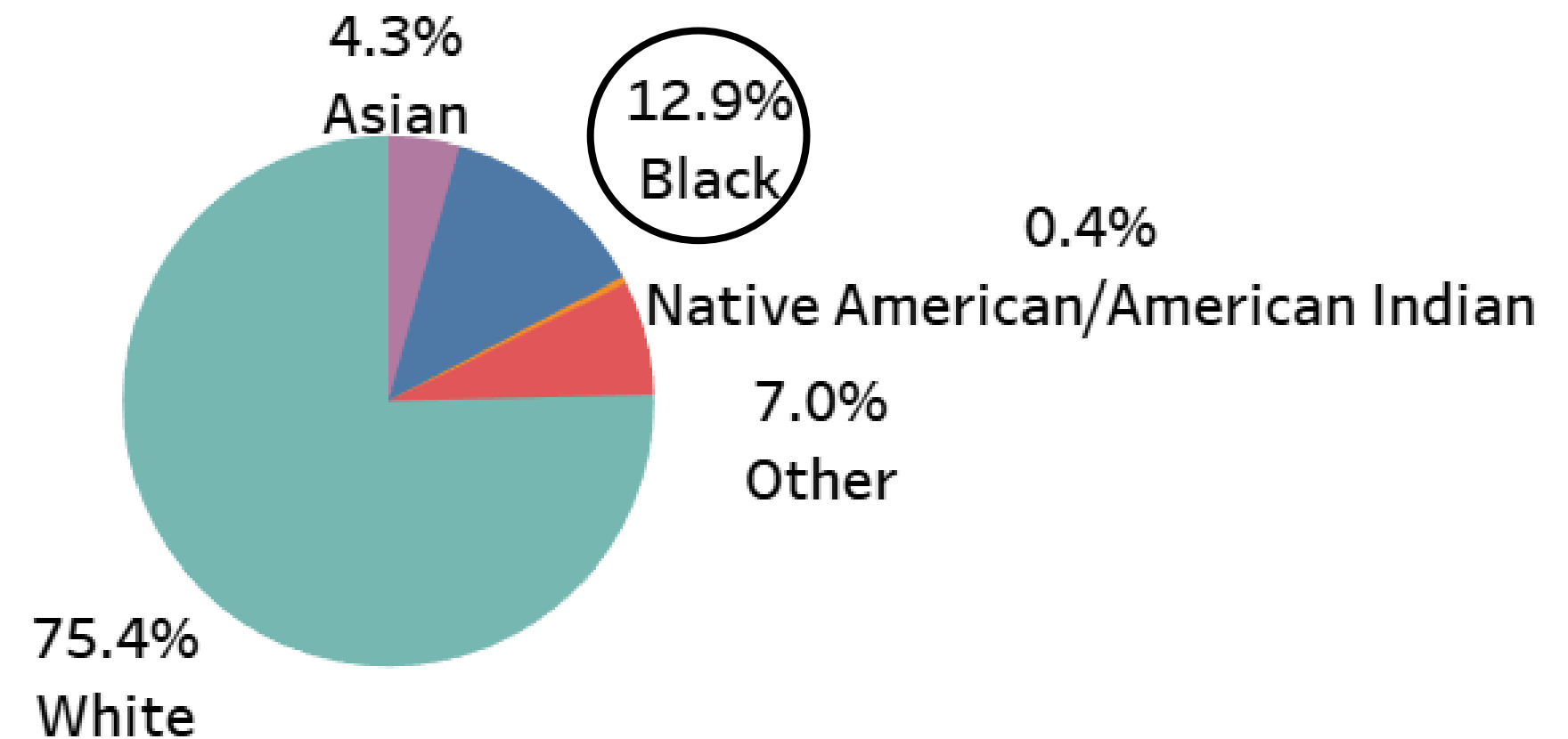
- 204 total as of 10/24/2025
 - 152 suspected opioid related
 - 117 confirmed opioid related
 - 35 waiting for toxicology
 - 53 confirmed non-opioid related

Overdose Death Demographics

Race Distribution of Overdose Deaths, 2024



Race Distribution of Erie County

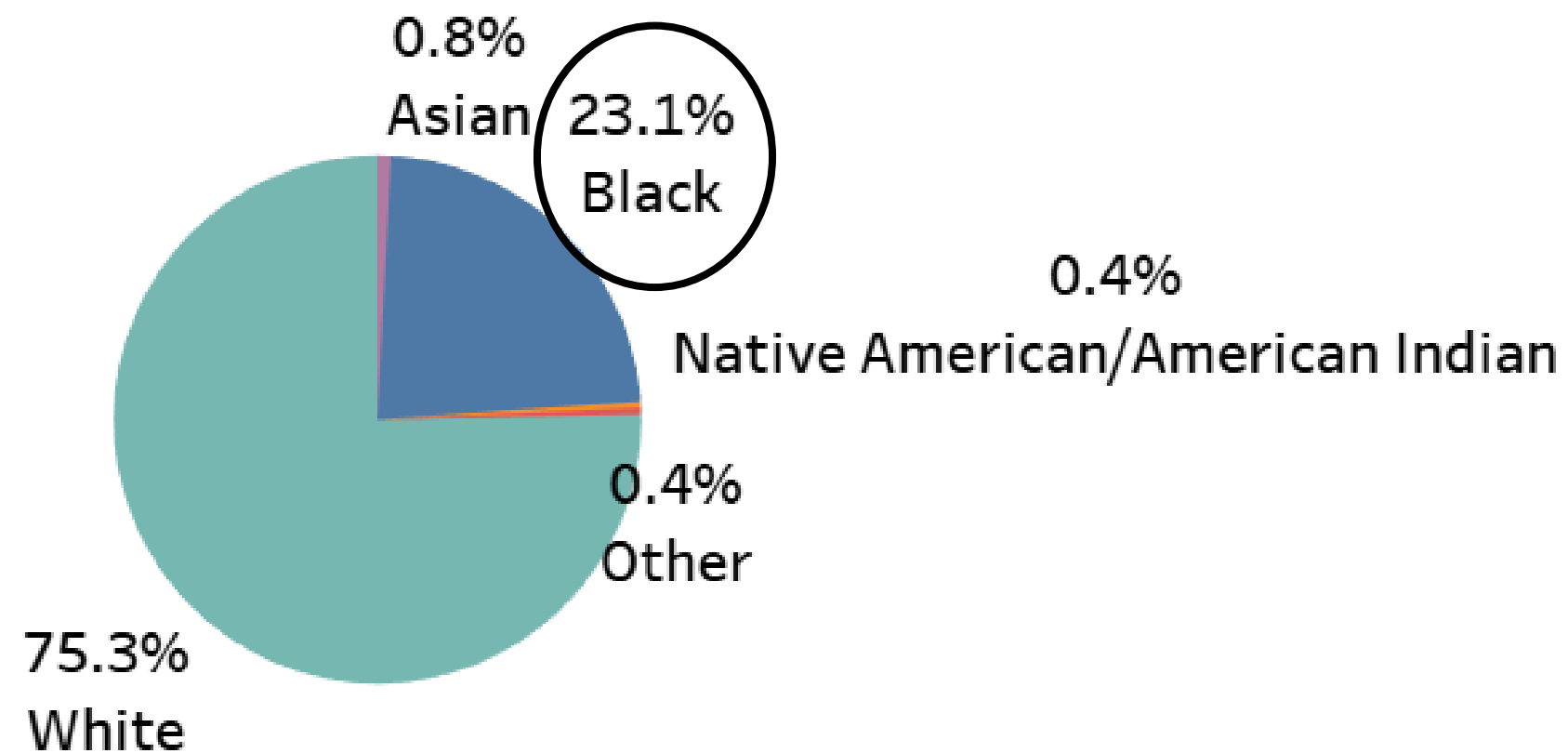


- Black population disproportionately affected by overdose deaths
 - 2024 Overdose deaths = 32.6% Black
 - Erie County population = 12.9% Black

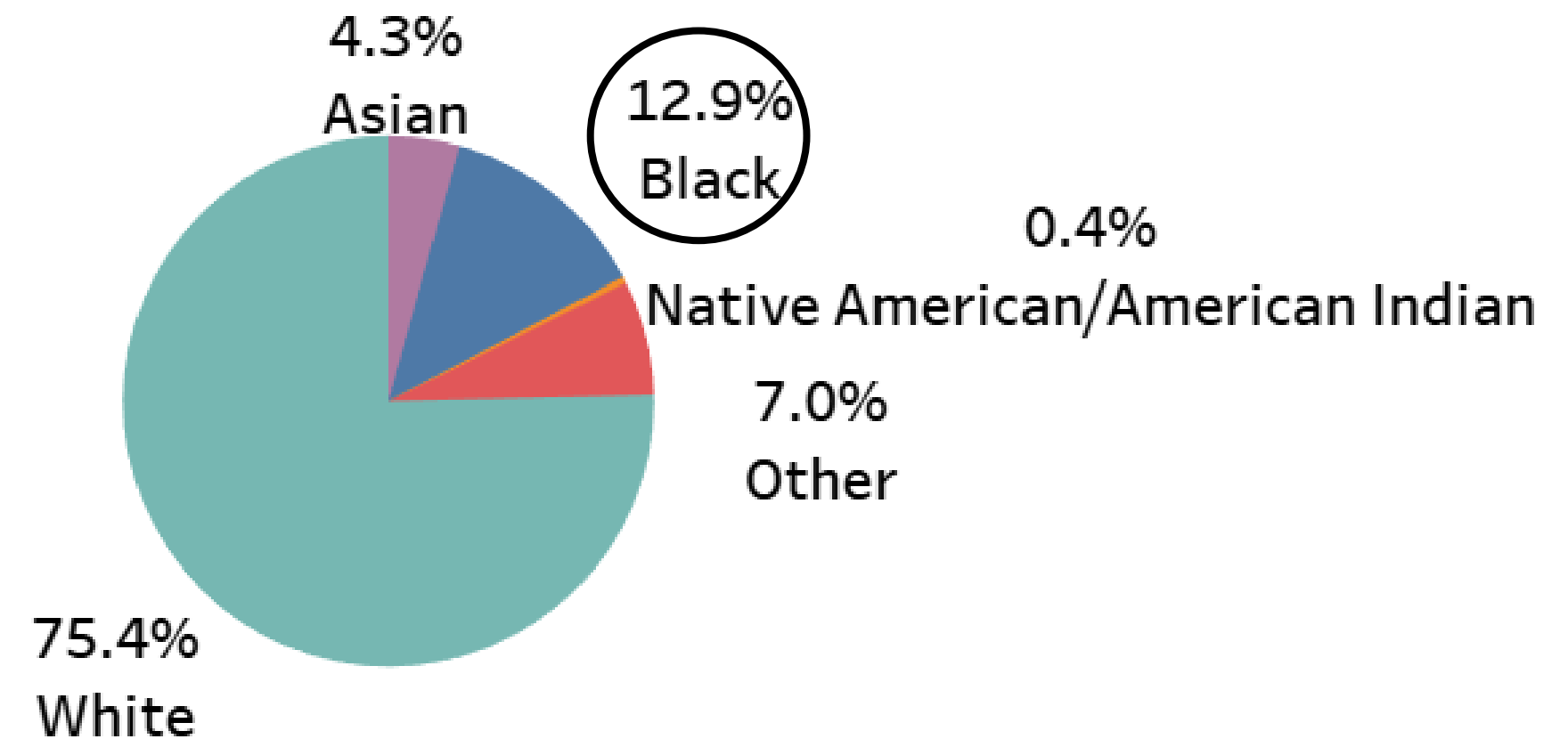
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*CASES REPORTED THRU 10/24/2025

Overdose Death Demographics

Race Distribution of Overdose Deaths
October 2024 - September 2025



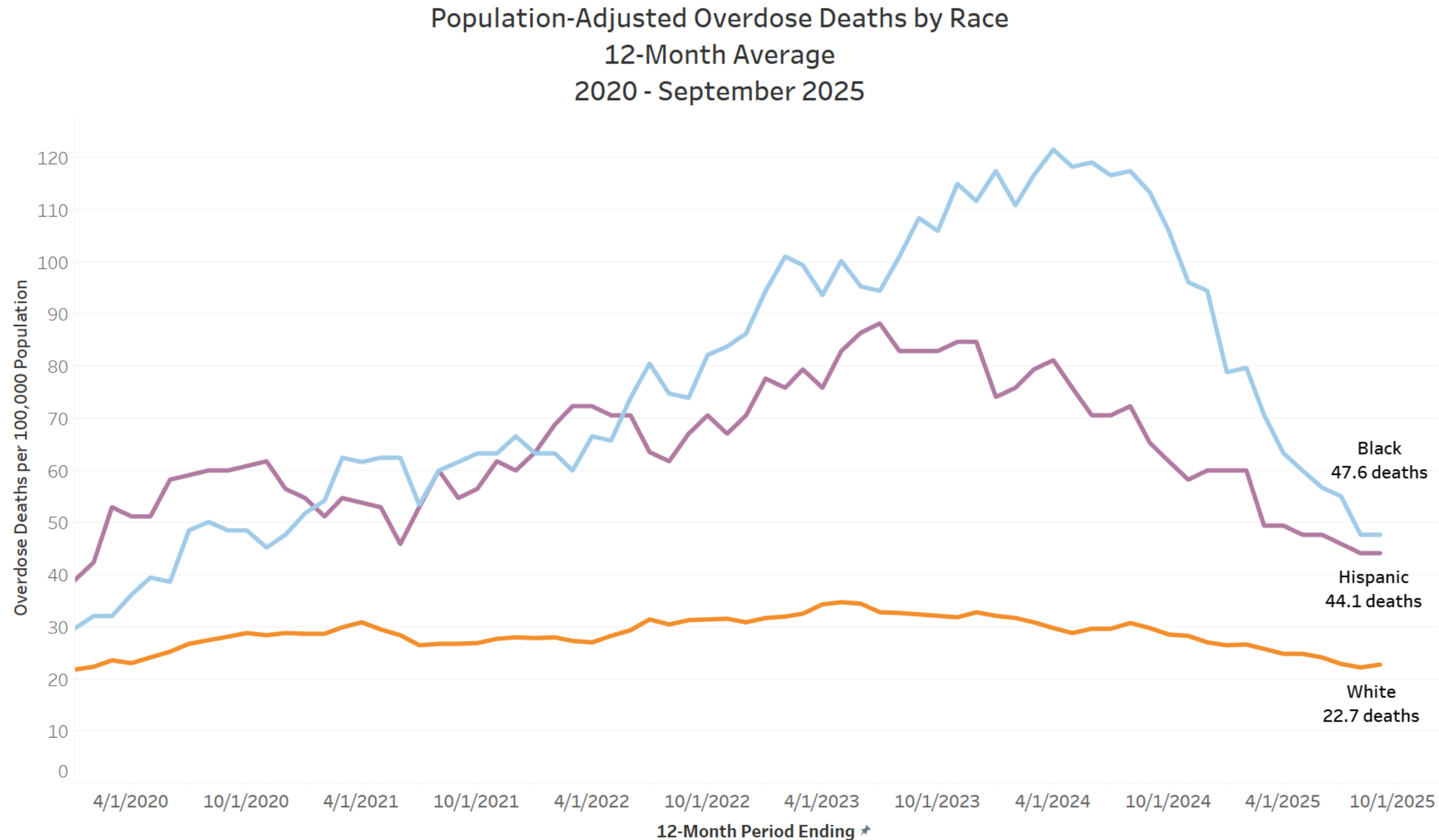
Race Distribution of Erie County



- Black population disproportionately affected by overdose deaths
 - Overdose deaths in past 12 months = 23.1% Black
 - Erie County population = 12.9% Black
 - Disparity beginning to shrink

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Overdose Death Demographics



- 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 10/24/2025

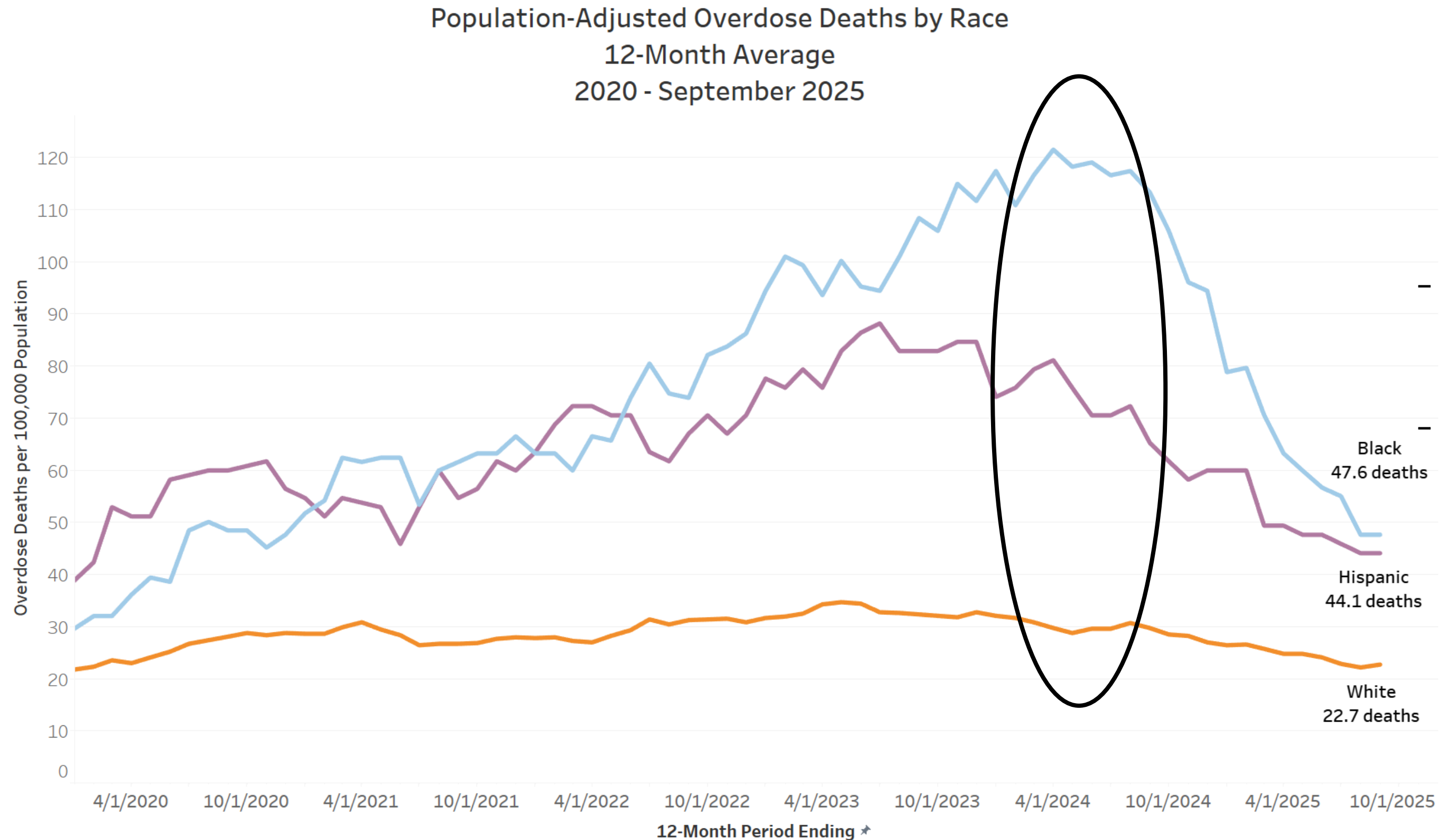


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Overdose Death Demographics

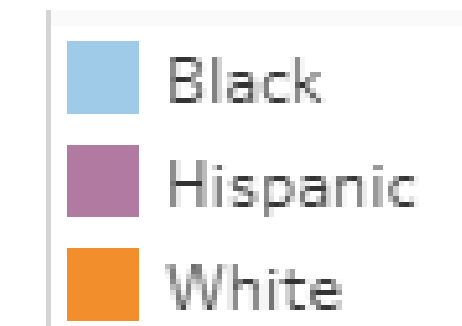
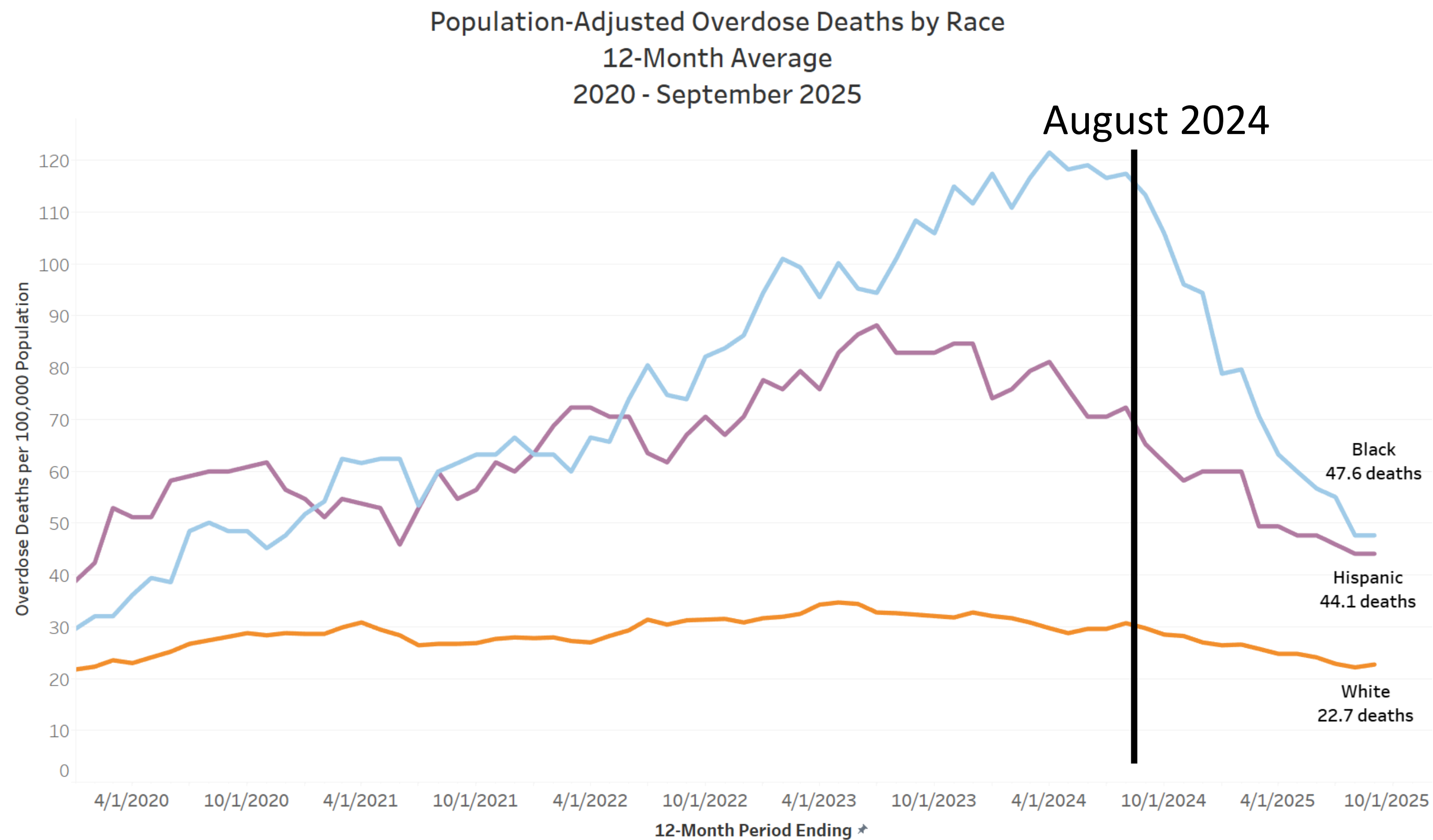


- Bigger gap between lines = bigger disparity
- Disparity largest in mid-2024

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SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Overdose Death Demographics

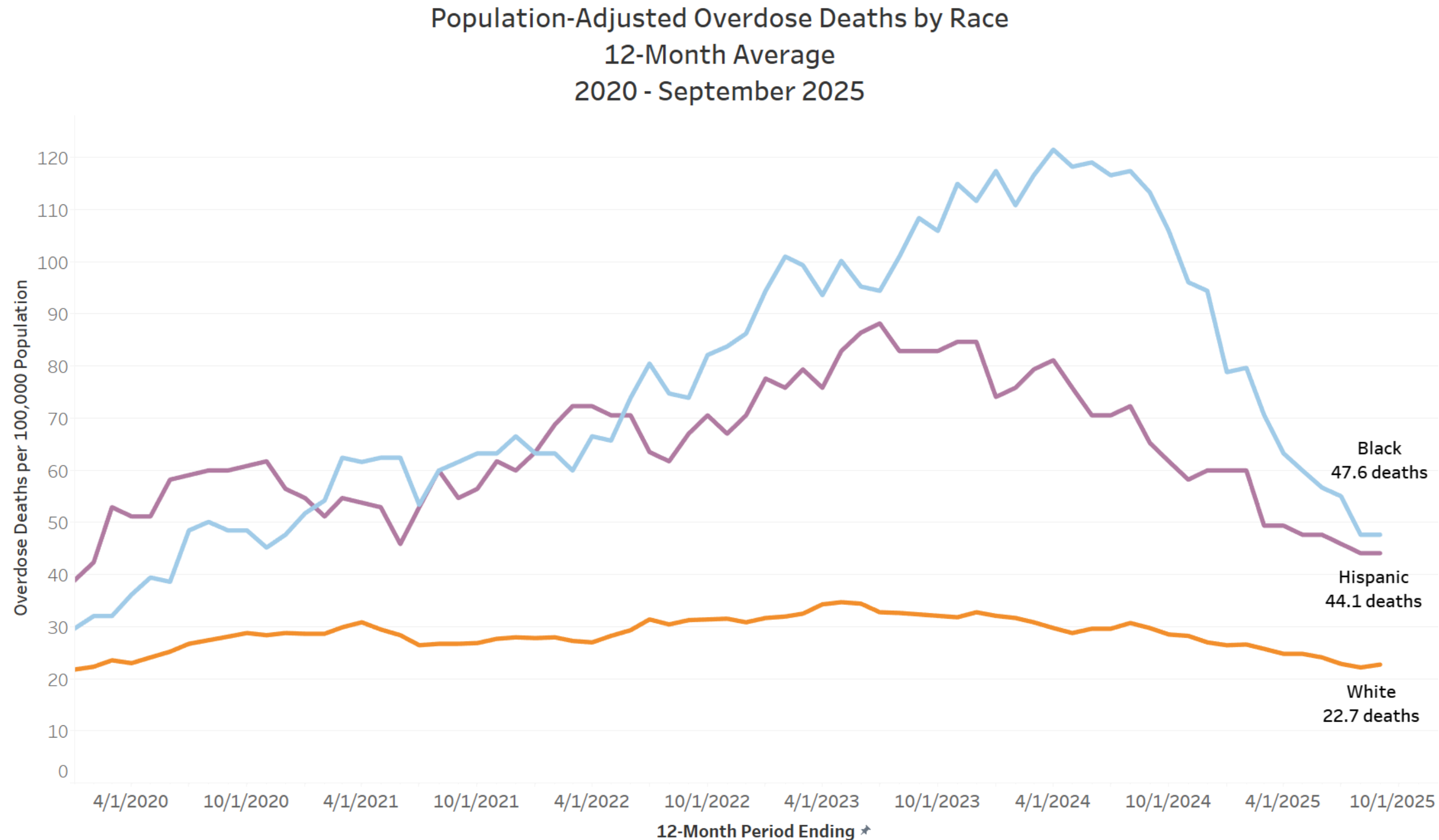


- August 2024: Disparities begin to decrease rapidly

*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Overdose Death Demographics



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

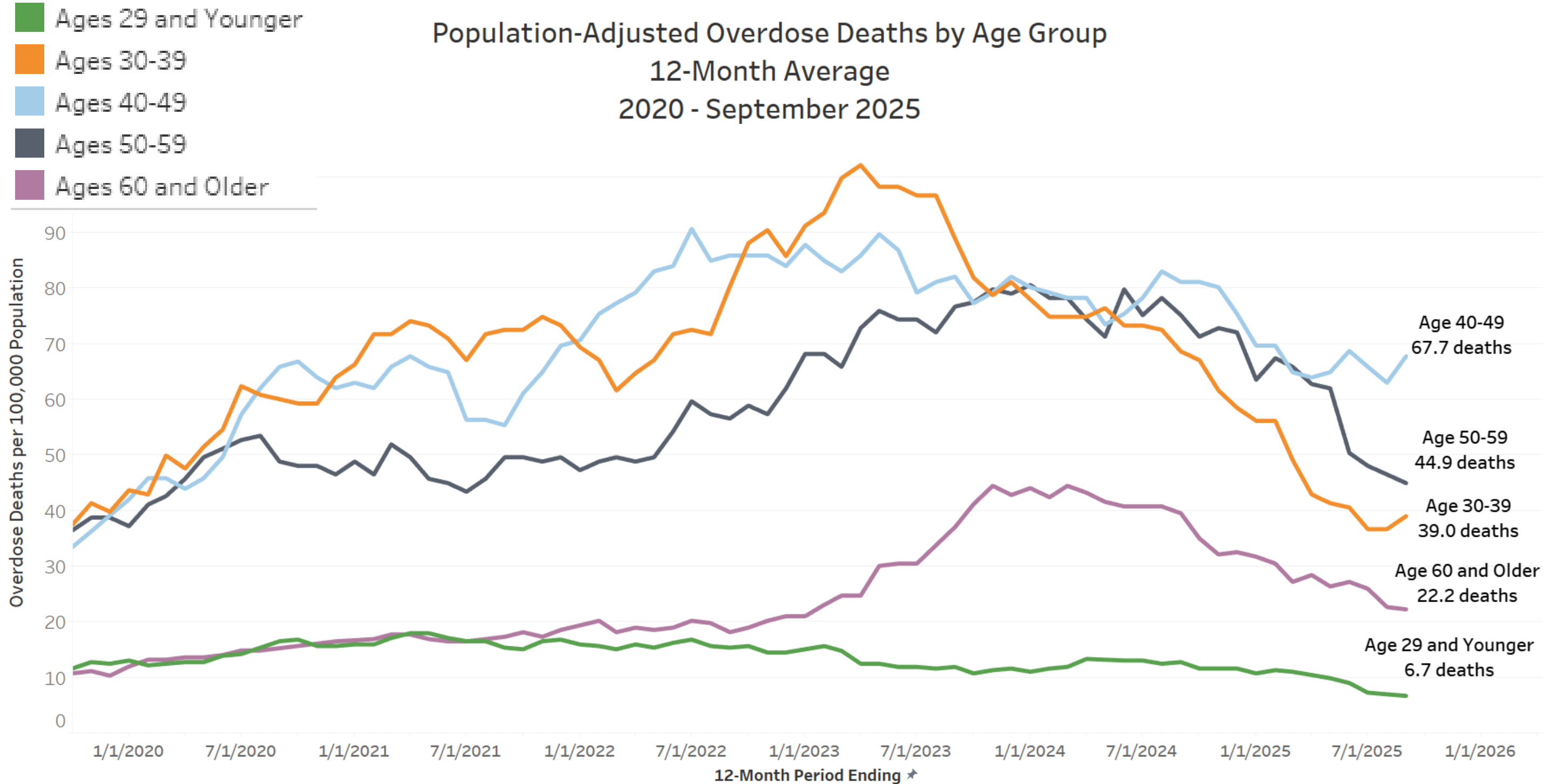
- Black: 58% decrease
- Hispanic: 32% decrease
- White: 24% decrease

*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 10/24/2025

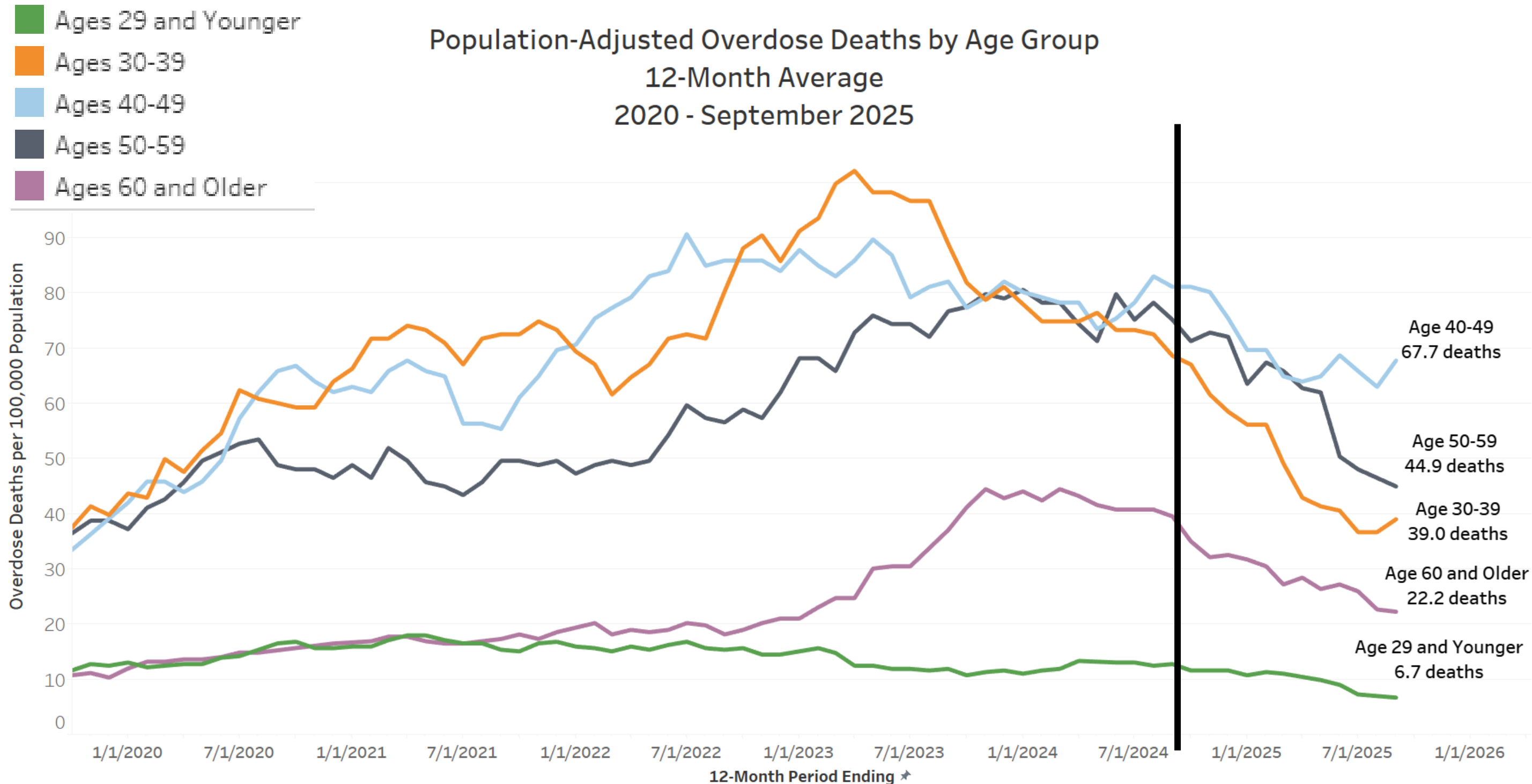
Overdose Death Demographics



- Ages 40-49 most disproportionately affected

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Overdose Death Demographics



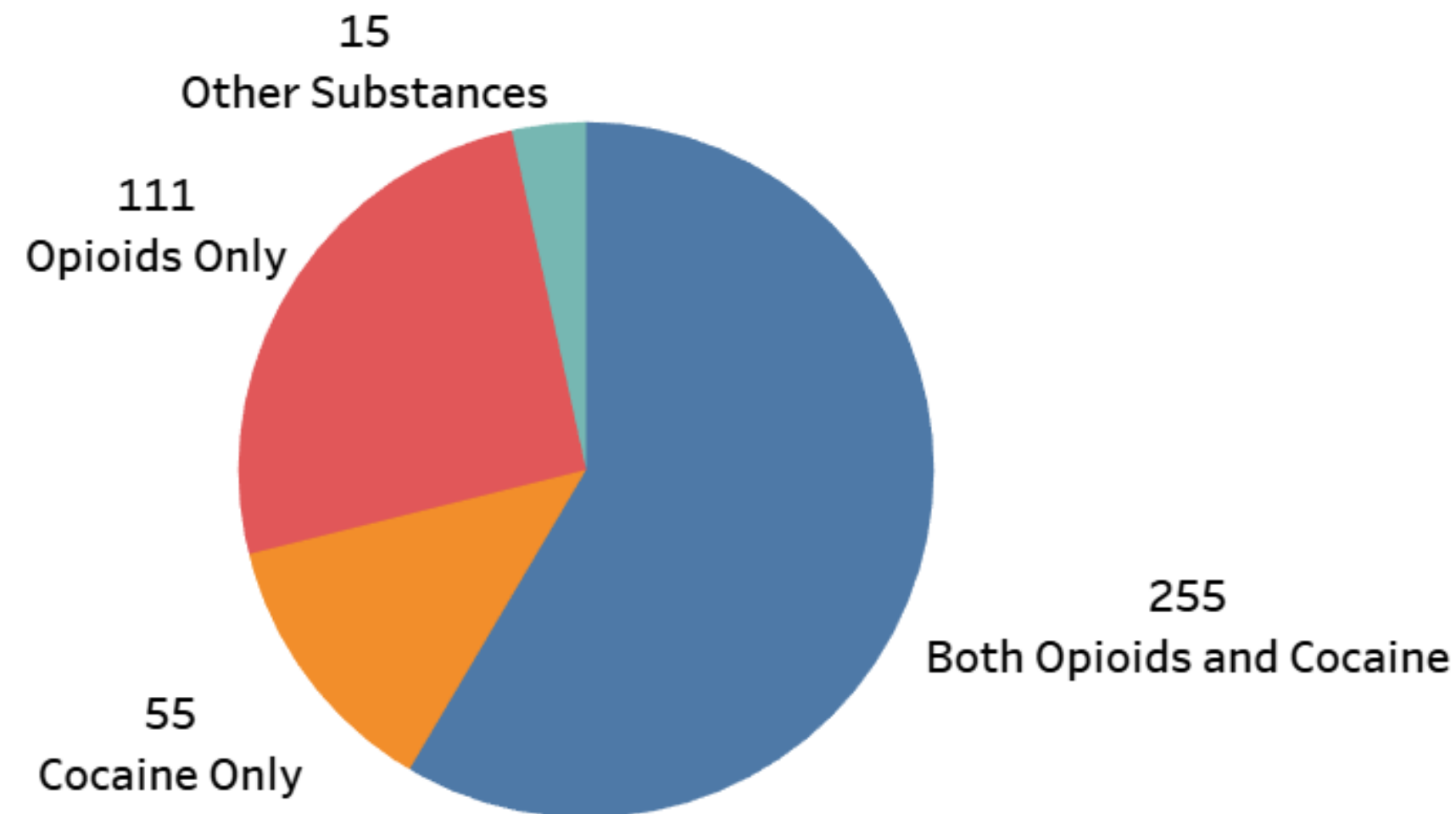
Year-over-Year

- Deaths decreased in every age group
- Ages 30-39 = largest decrease
- Significant decreases among ages 50 and older

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Overdose Death Toxicology

Substances Detected among Overdose Deaths
2023



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

- 2023: Peak of deaths related to both opioids and cocaine
- 2023 Overdose Deaths
 - 58% opioids and cocaine
 - 24% opioids w/o cocaine
 - 13% cocaine w/o opioids

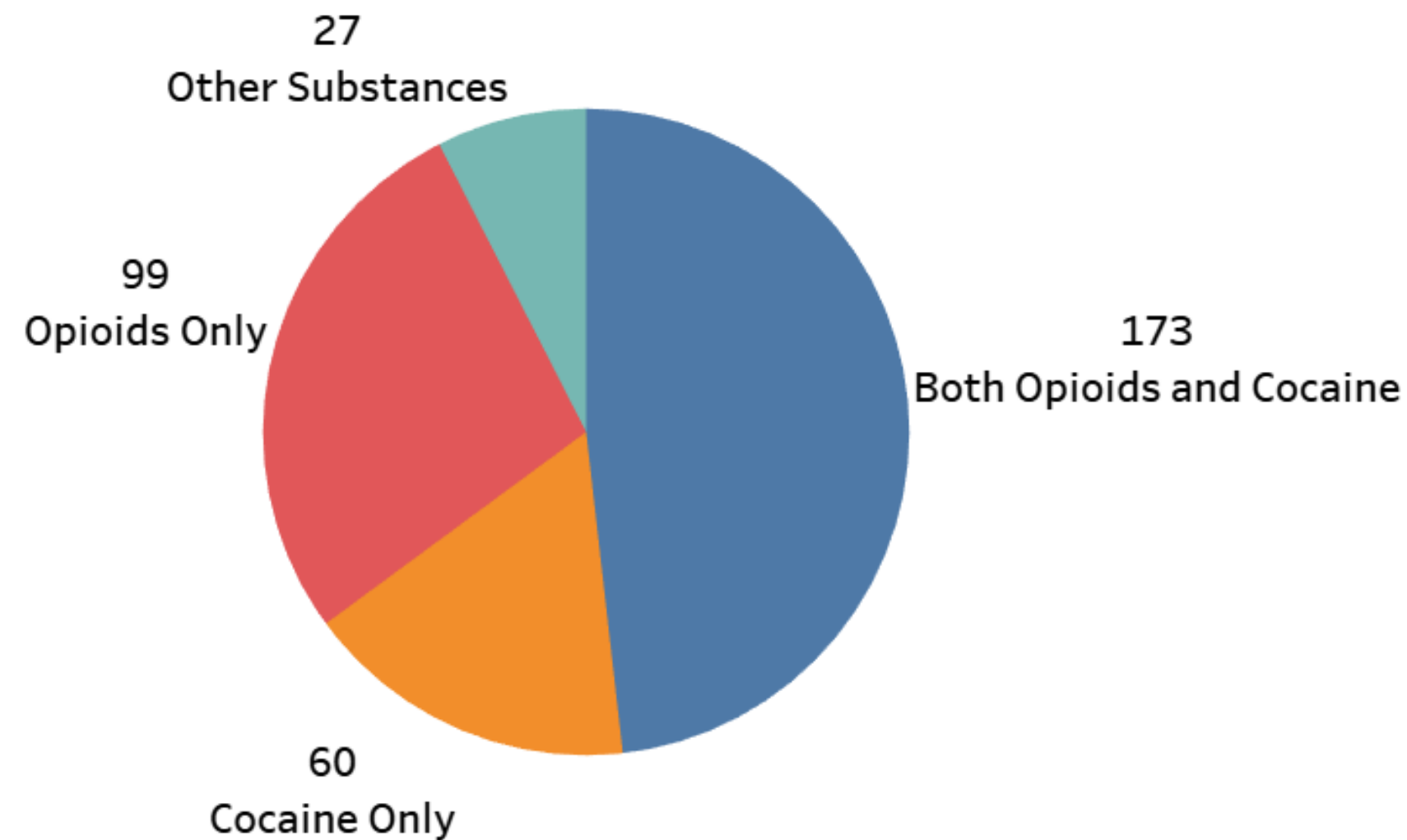
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 10/24/2025

TOXICOLOGY DATA AVAILABLE THRU JULY 2025

Overdose Death Toxicology

Substances Detected among Overdose Deaths
2024



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

- 2024: < 50% of overdose deaths related to both opioids and cocaine

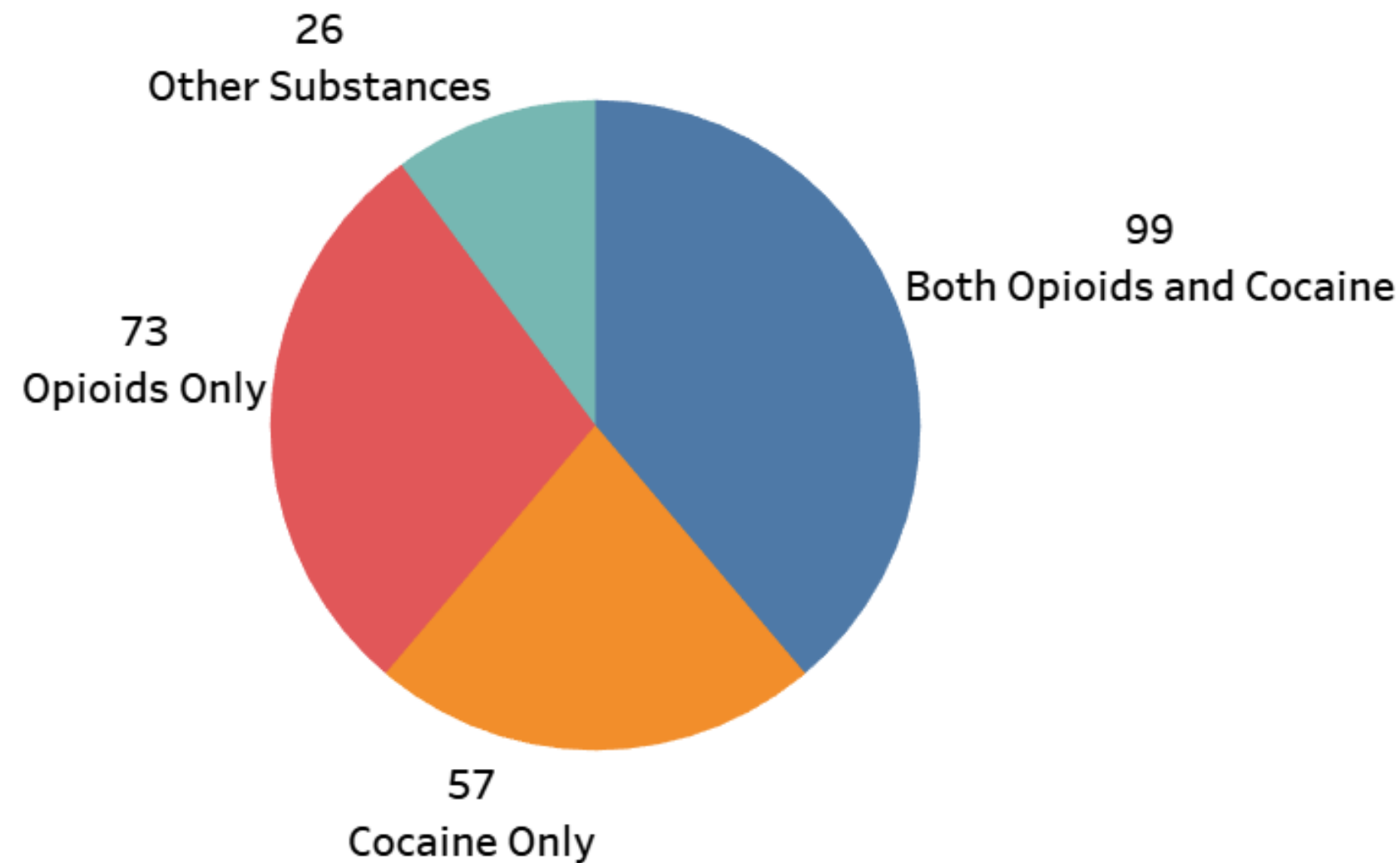
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TOXICOLOGY DATA AVAILABLE THRU JULY 2025

Overdose Death Toxicology

Substances Detected among Overdose Deaths
August 2024 - July 2025



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

- Most recent data:
 - 39% opioids and cocaine
 - 29% opioids w/o cocaine
 - 22% cocaine w/o opioids
 - Significant increase from 2023
 - Up from 13%

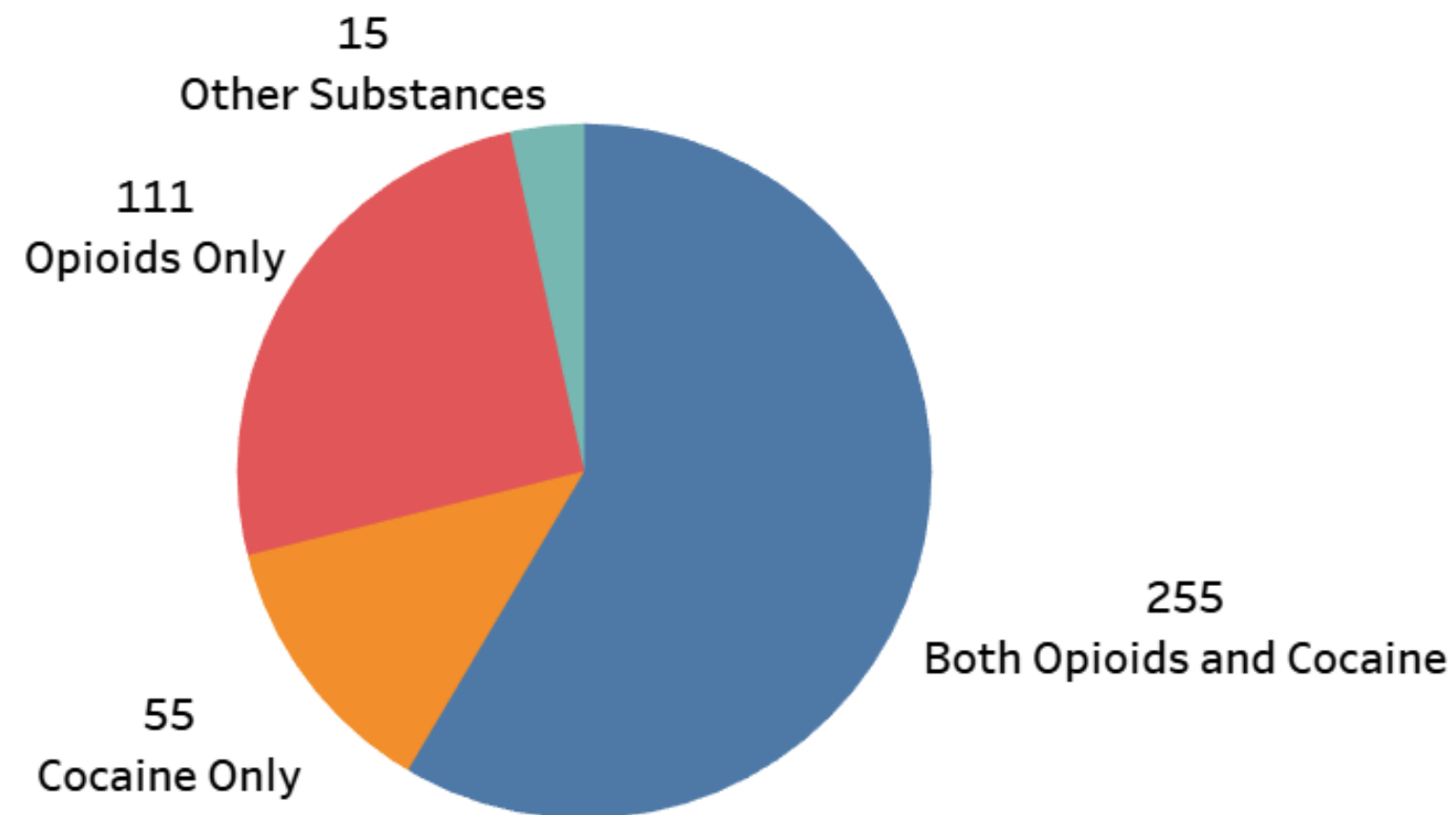
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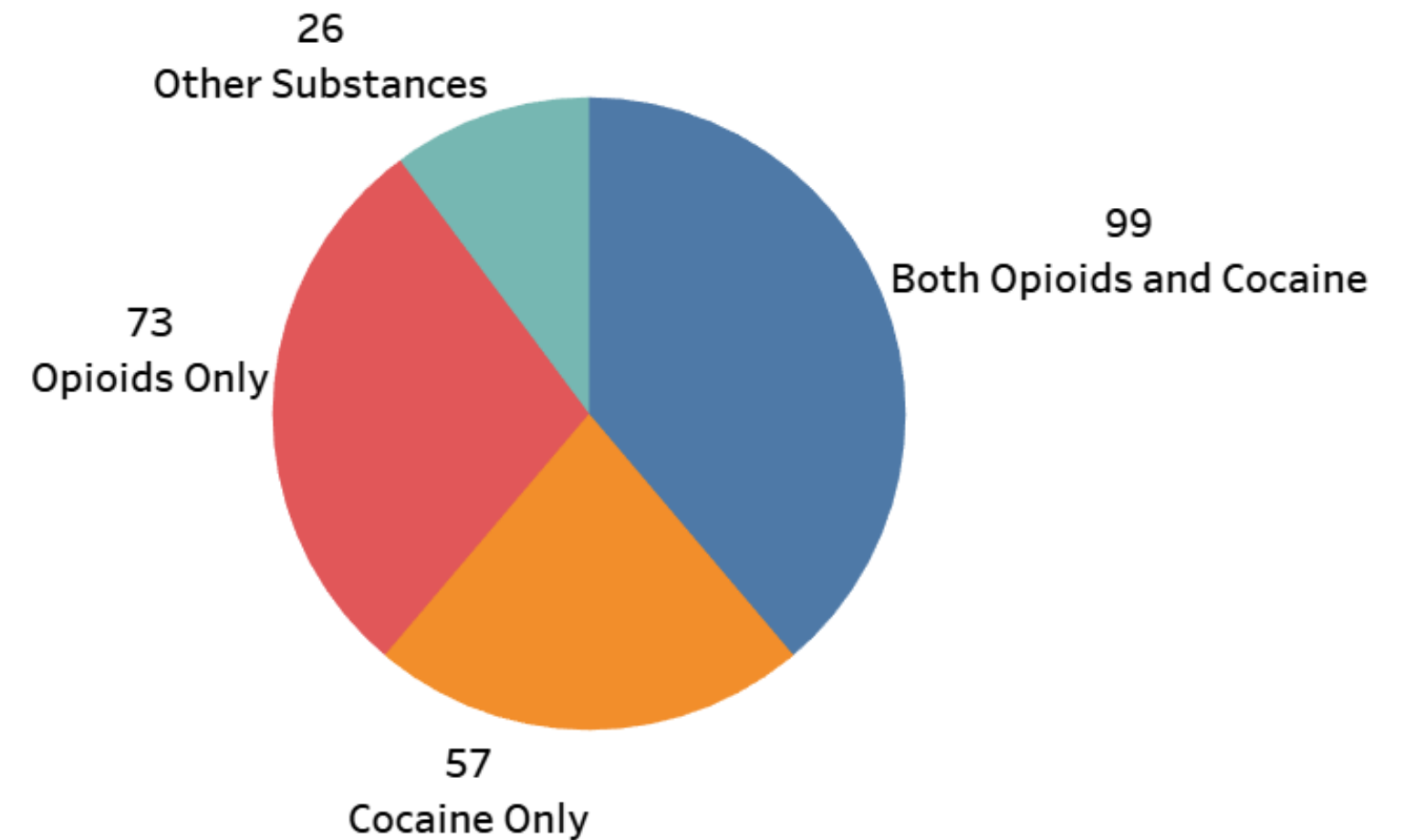
TOXICOLOGY DATA AVAILABLE THRU JULY 2025

Overdose Death Toxicology

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2023



Substances Detected among Overdose Deaths
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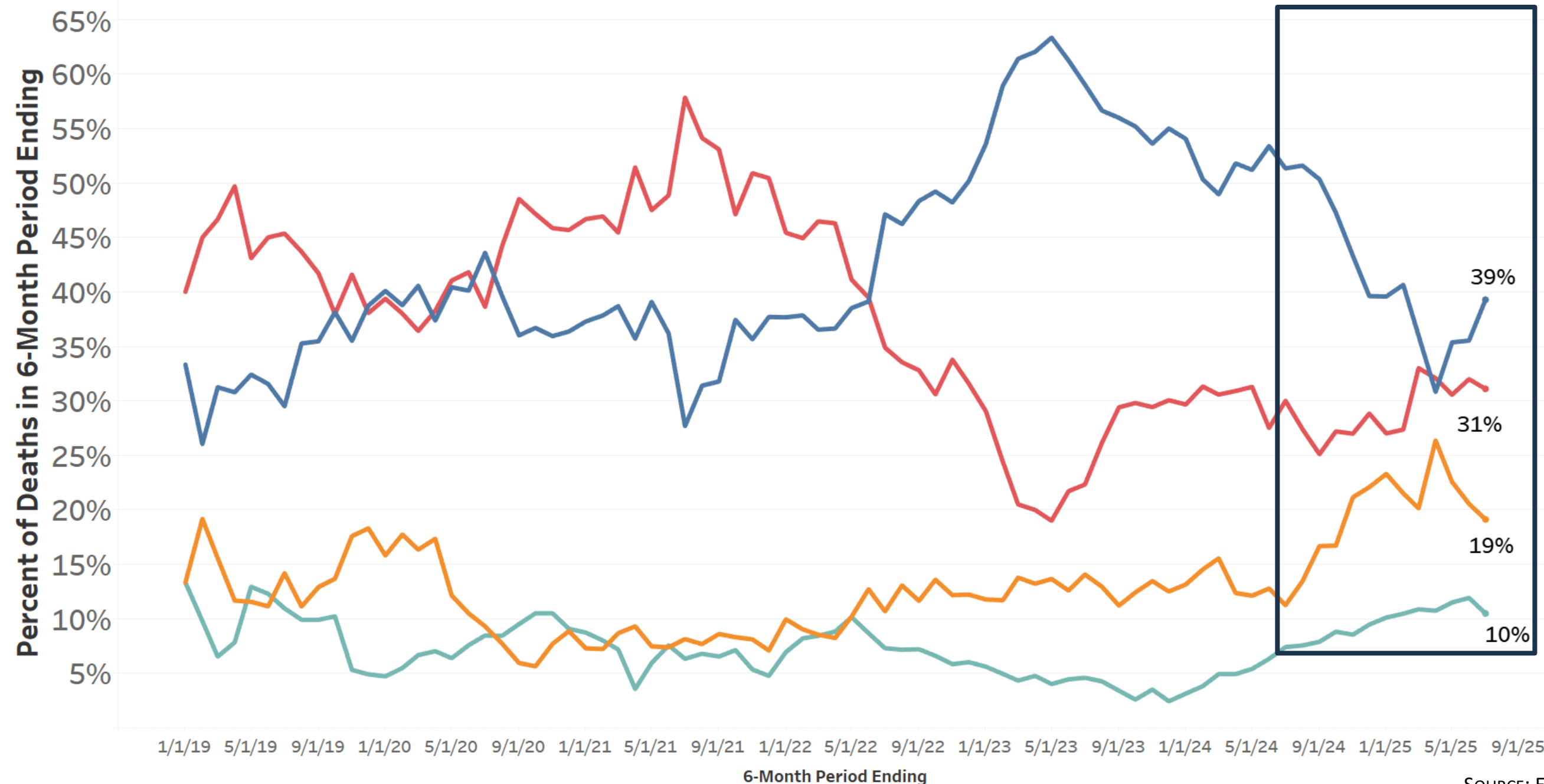


- Deaths related to opioids + cocaine
 - 58% in 2023, fell to 39% in August 2024 – July 2025

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

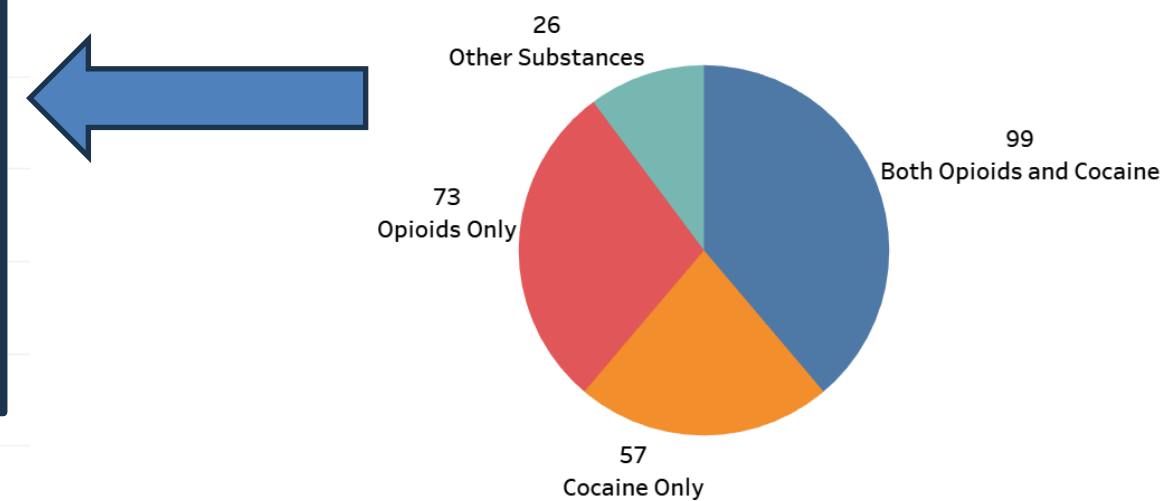
Overdose Death Toxicology

Erie County Overdose Death Toxicology Results
Percent of Deaths in 6-Month Period
2019 - July 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
August 2024 - July 2025



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

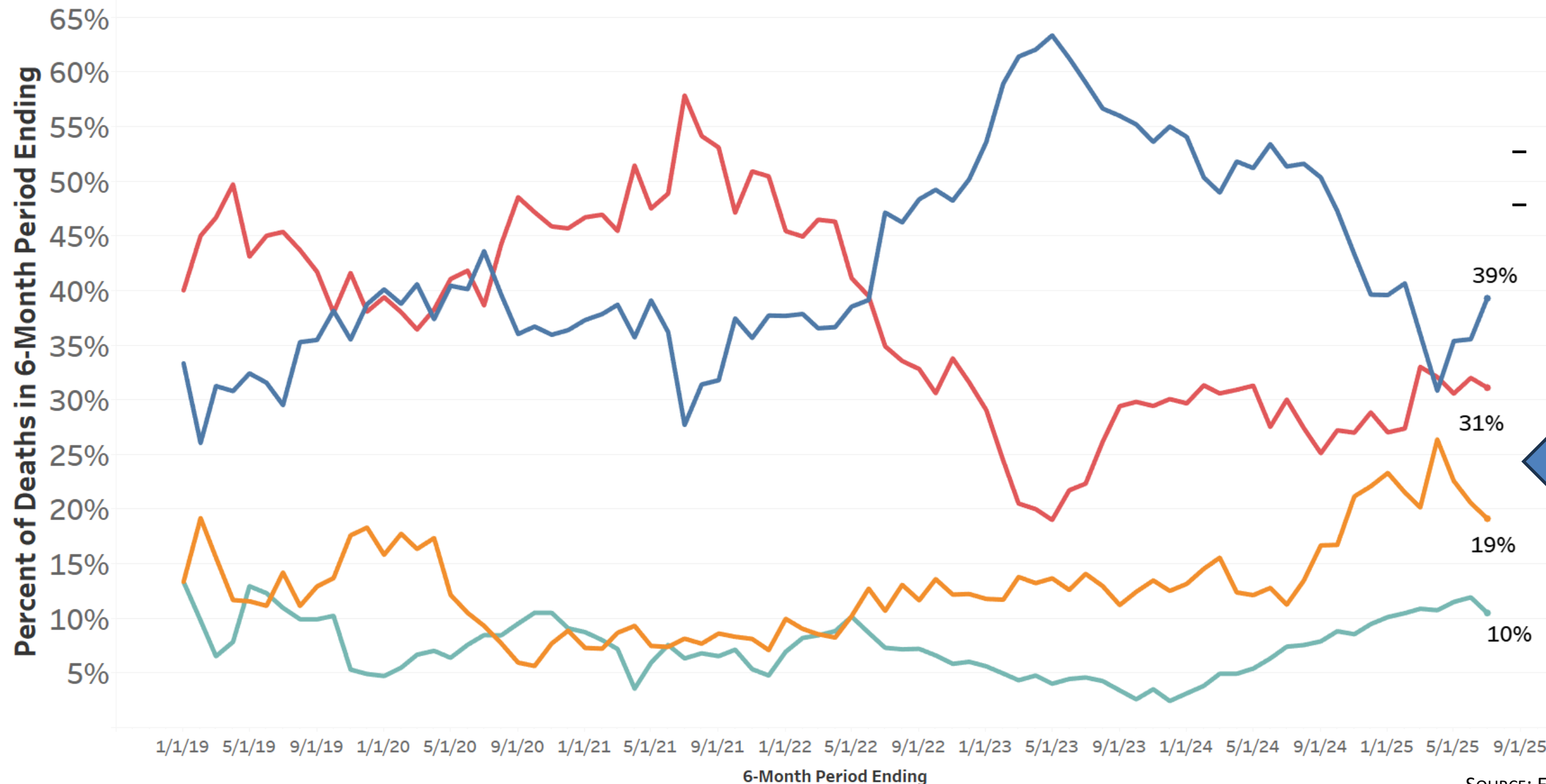
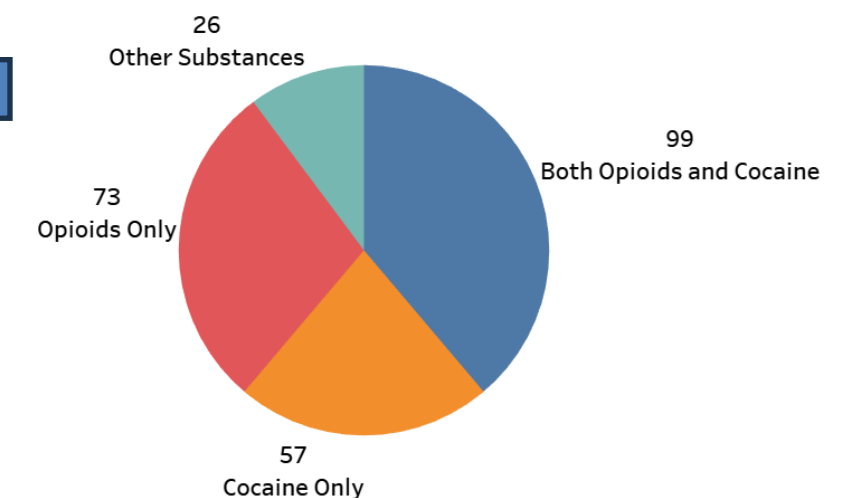
Overdose Death Toxicology

Erie County Overdose Death Toxicology Results
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- Other Substances Detected

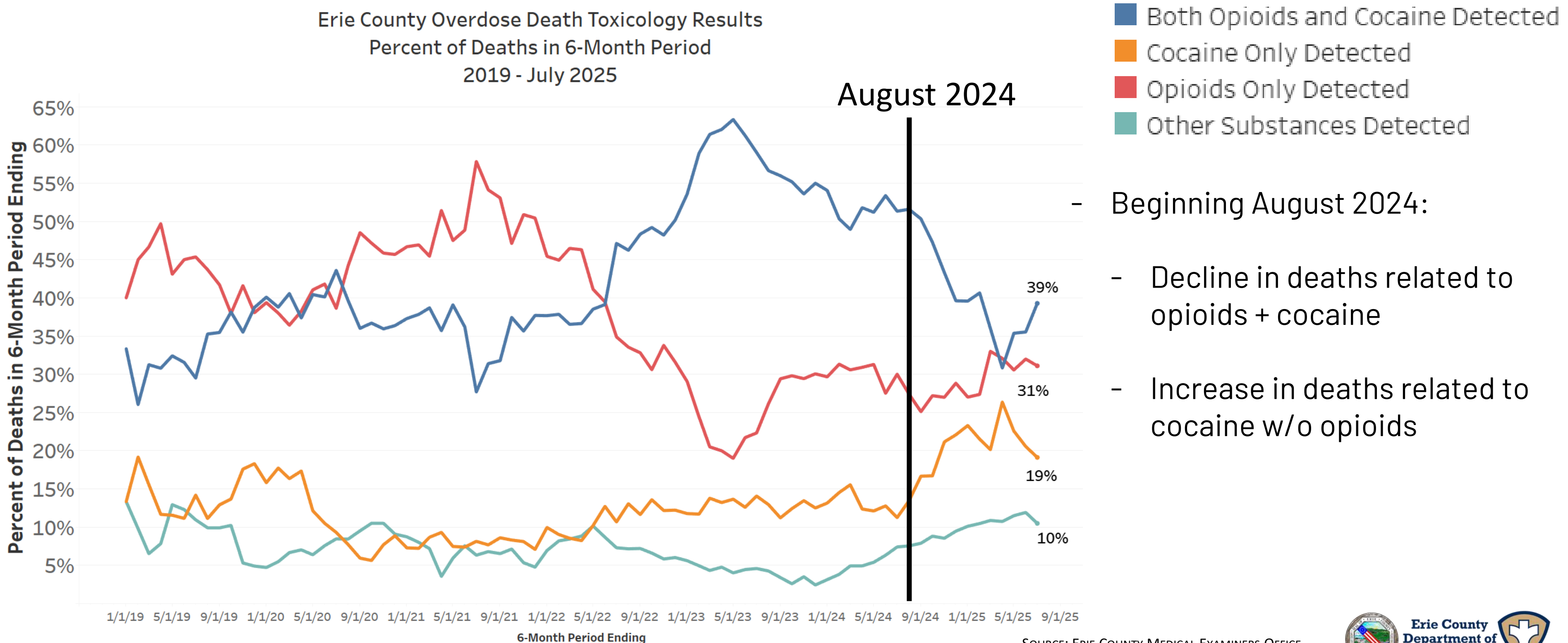
- Average % in 6-month window
- Can see recent trends more clearly

Substances Detected among Overdose Deaths
August 2024 - July 2025



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Overdose Death Toxicology



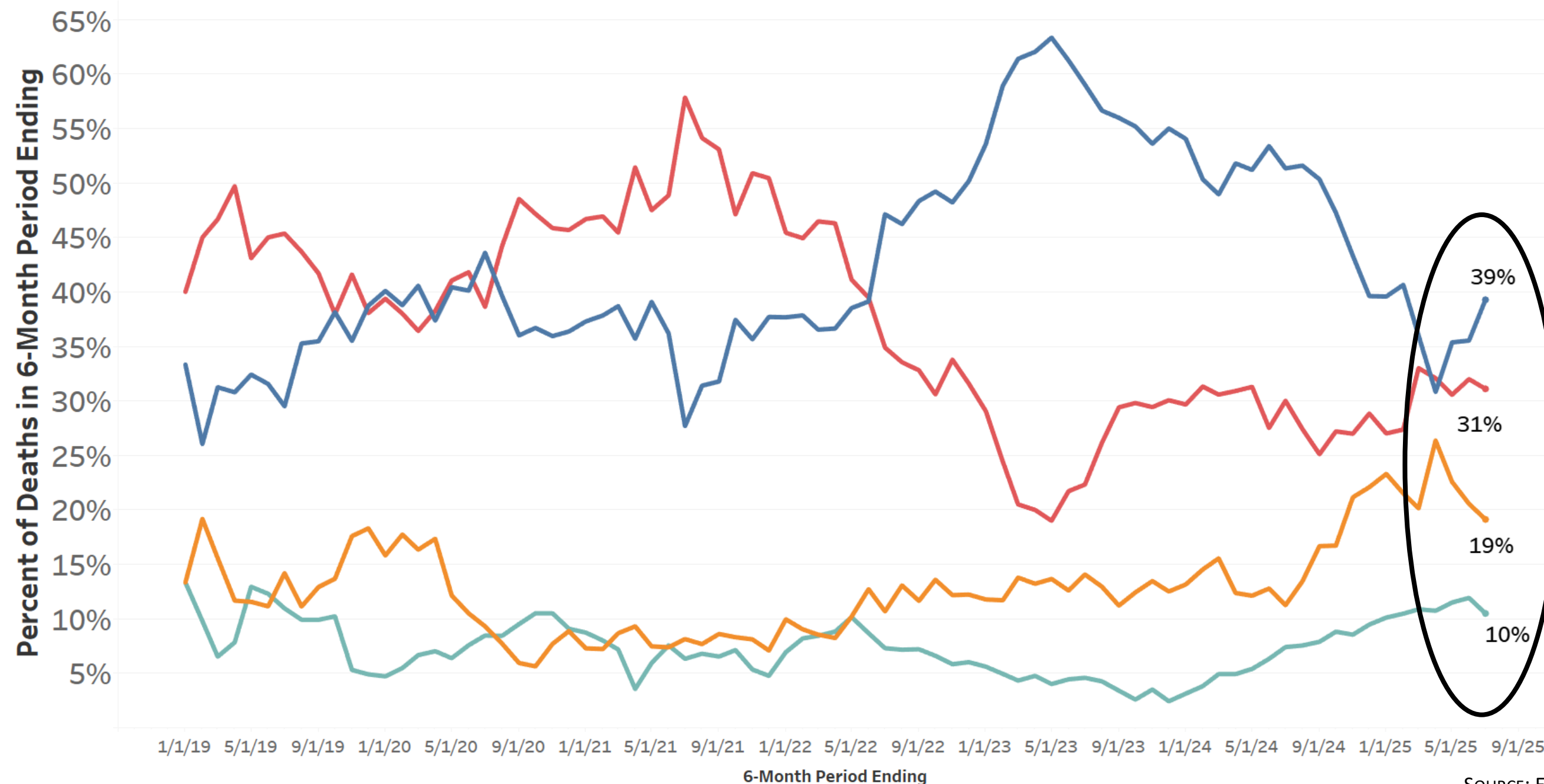
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Overdose Death Toxicology

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

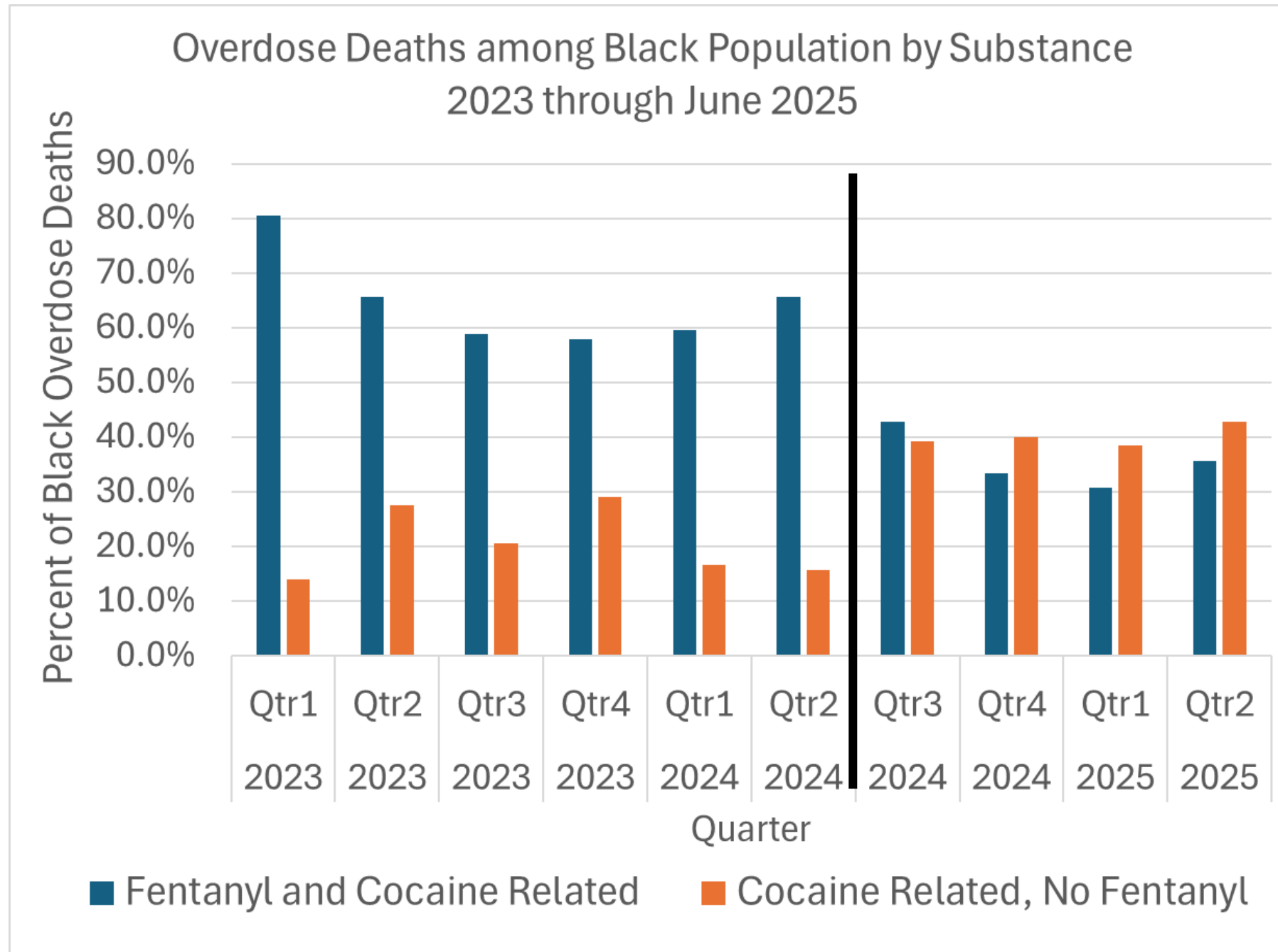
- Both Opioids and Cocaine Detected
- Cocaine Only Detected
- Opioids Only Detected
- Other Substances Detected

- Recent uptick in deaths related to both opioids and cocaine
- Simultaneous decrease in deaths related to cocaine w/o opioids



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Toxicology Trends by Race

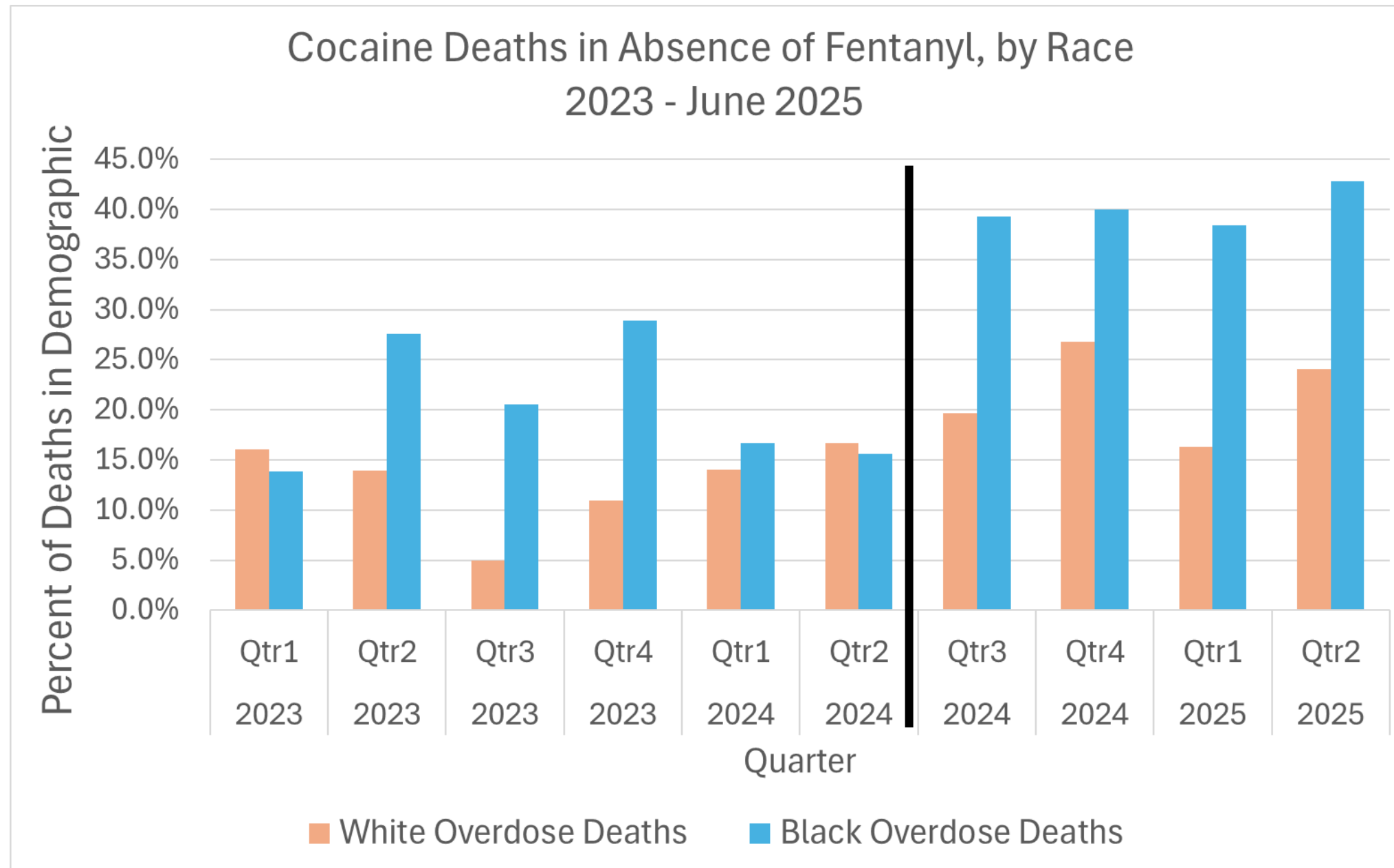


Summer 2024: Sudden shift in toxicology among Black overdose deaths

- Decrease in fentanyl + cocaine deaths
- Increase in deaths related to cocaine w/o fentanyl
- Coincides with beginning of decrease in Black population-adjusted deaths

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Toxicology Trends by Race



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

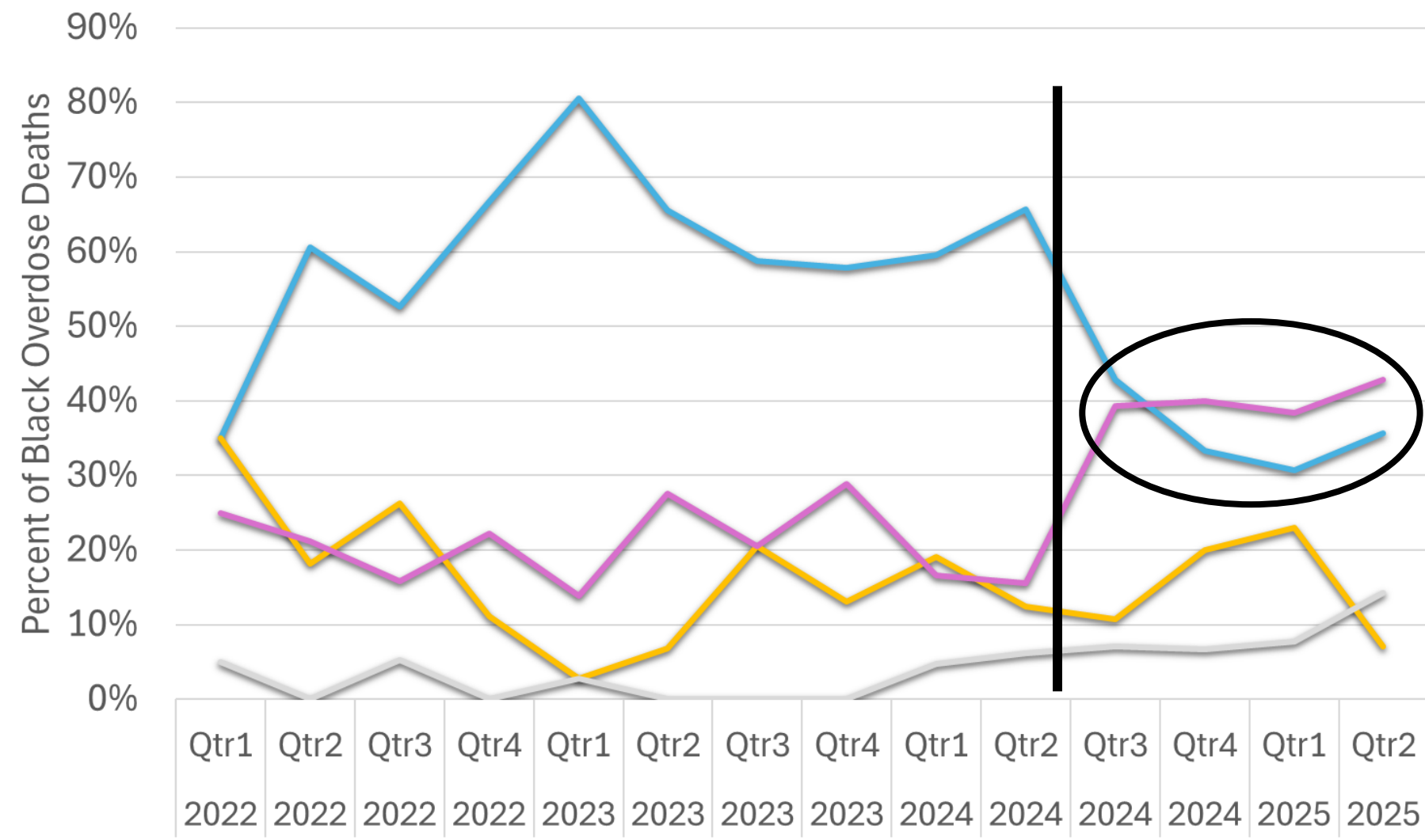
*OTHER RACE CATEGORIES EXCLUDED DUE TO LIMITED DATA

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 10/24/2025

Toxicology Trends by Race

Black Overdose Deaths by Substances Detected, 2022 - June 2025



- Among Black population in 2025:
 - Decrease in deaths related to both fentanyl and cocaine
 - Increase in deaths related to cocaine w/o fentanyl
 - More deaths related to cocaine w/o fentanyl than related to both cocaine and fentanyl

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 10/24/2025

— Fentanyl and Cocaine Present

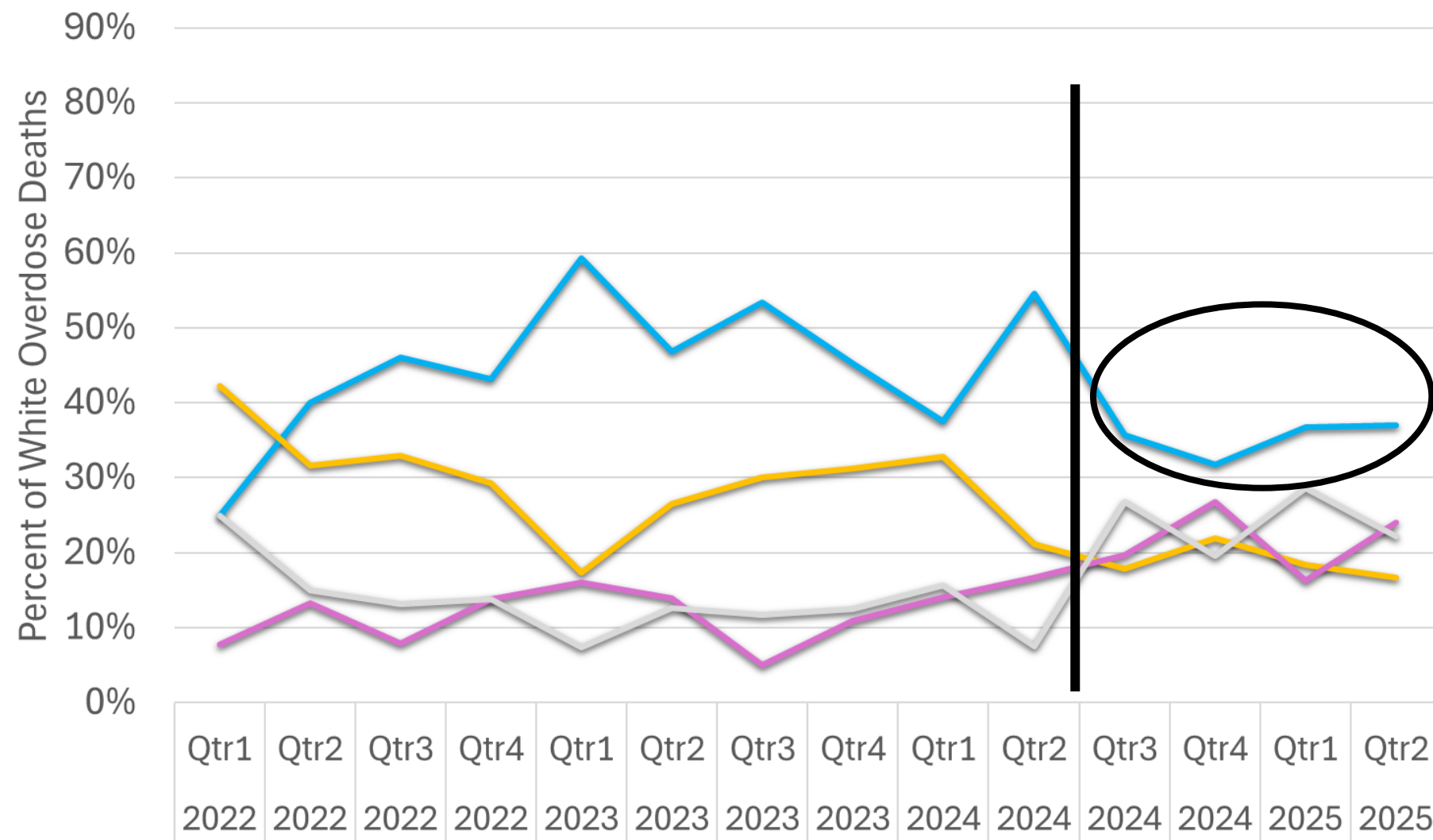
— Cocaine Present, Fentanyl Absent

— Fentanyl Present, Cocaine Absent

— Other Substance Present, Fentanyl and Cocaine absent

Toxicology Trends by Race

White Overdose Deaths by Substances Detected, 2022 - June 2025



- Among White population in 2025:
- OD deaths related to both cocaine and fentanyl decreased, but remain the largest category

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 10/24/2025

— Fentanyl and Cocaine Present

— Cocaine Present, Fentanyl Absent

— Fentanyl Present, Cocaine Absent

— Other Substance Present, Fentanyl and Cocaine absent



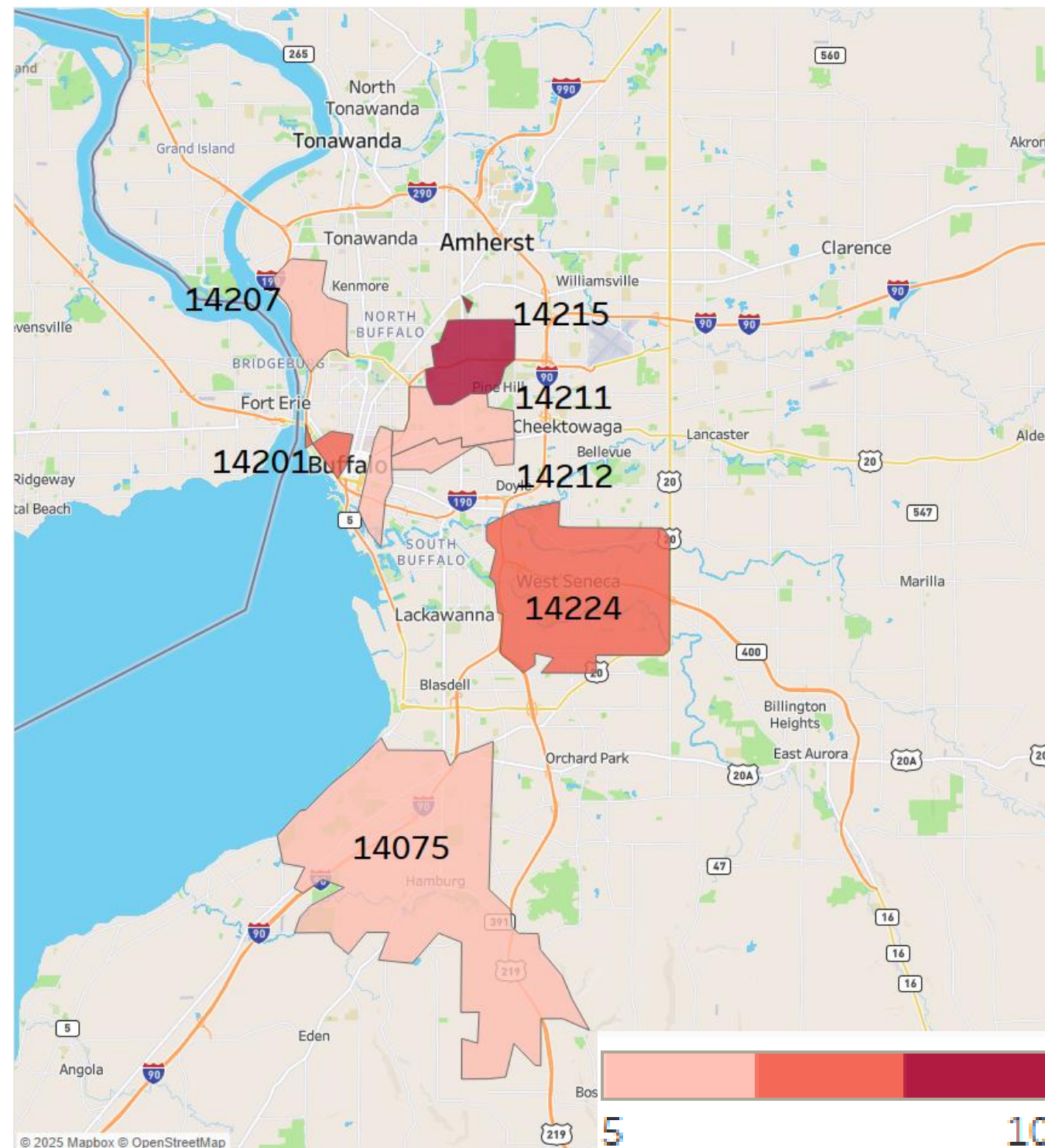
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Overdose Deaths by ZIP Code

Overdose Deaths by ZIP Code
April 2025 - September 2025



April 2025 – September 2025

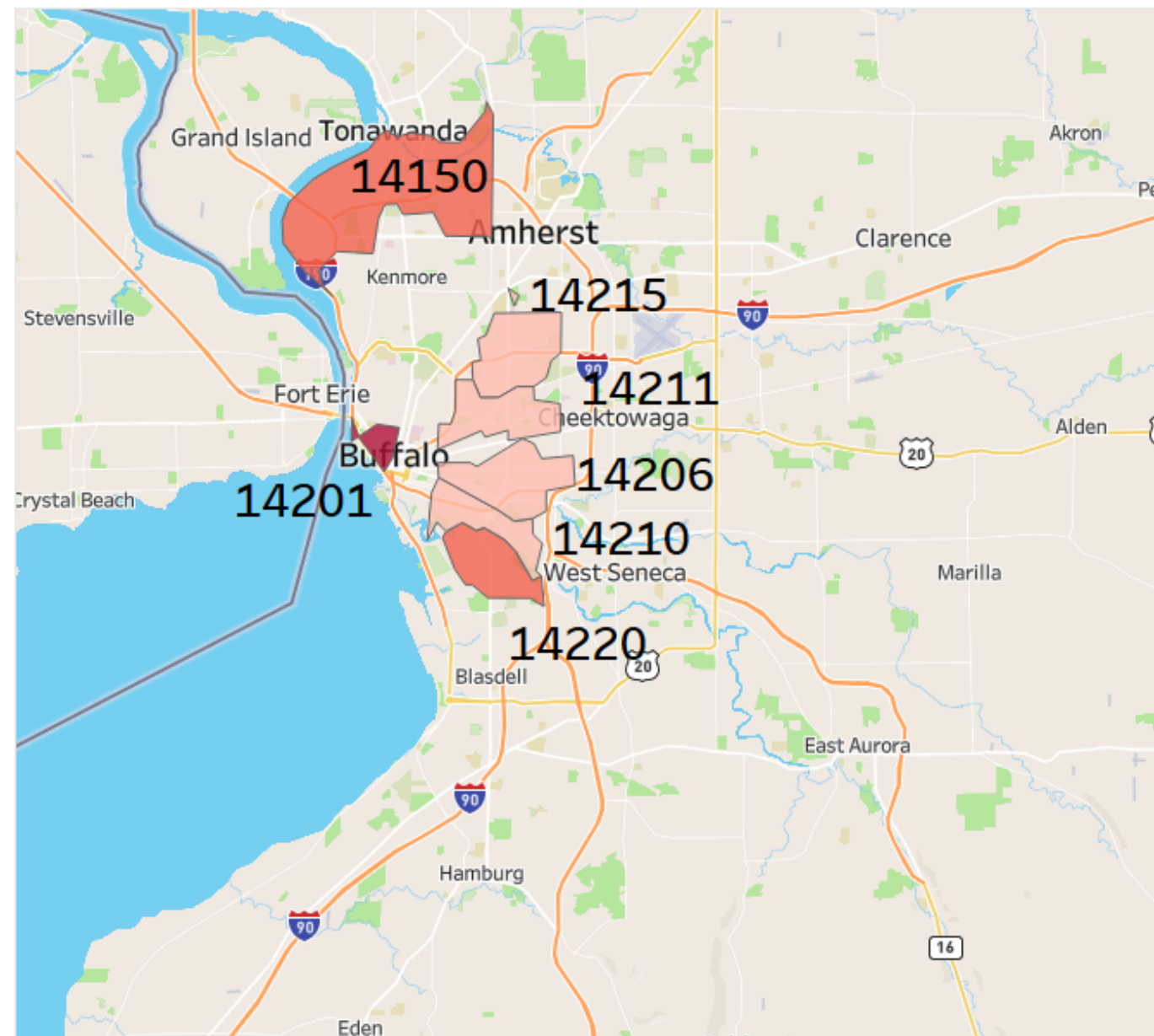
- 14215 (CoB, East Side): 10 deaths
- 14201 (CoB, Lower West Side): 7 deaths
- 14224 (West Seneca): 7 deaths
- 14211 (CoB, East Side): 6 deaths
- 14212 (CoB, East Side): 6 deaths
- 14075 (Hamburg): 6 deaths
- 14204 (CoB, East Side): 5 deaths
- 14207 (Black Rock/Riverside): 5 deaths

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

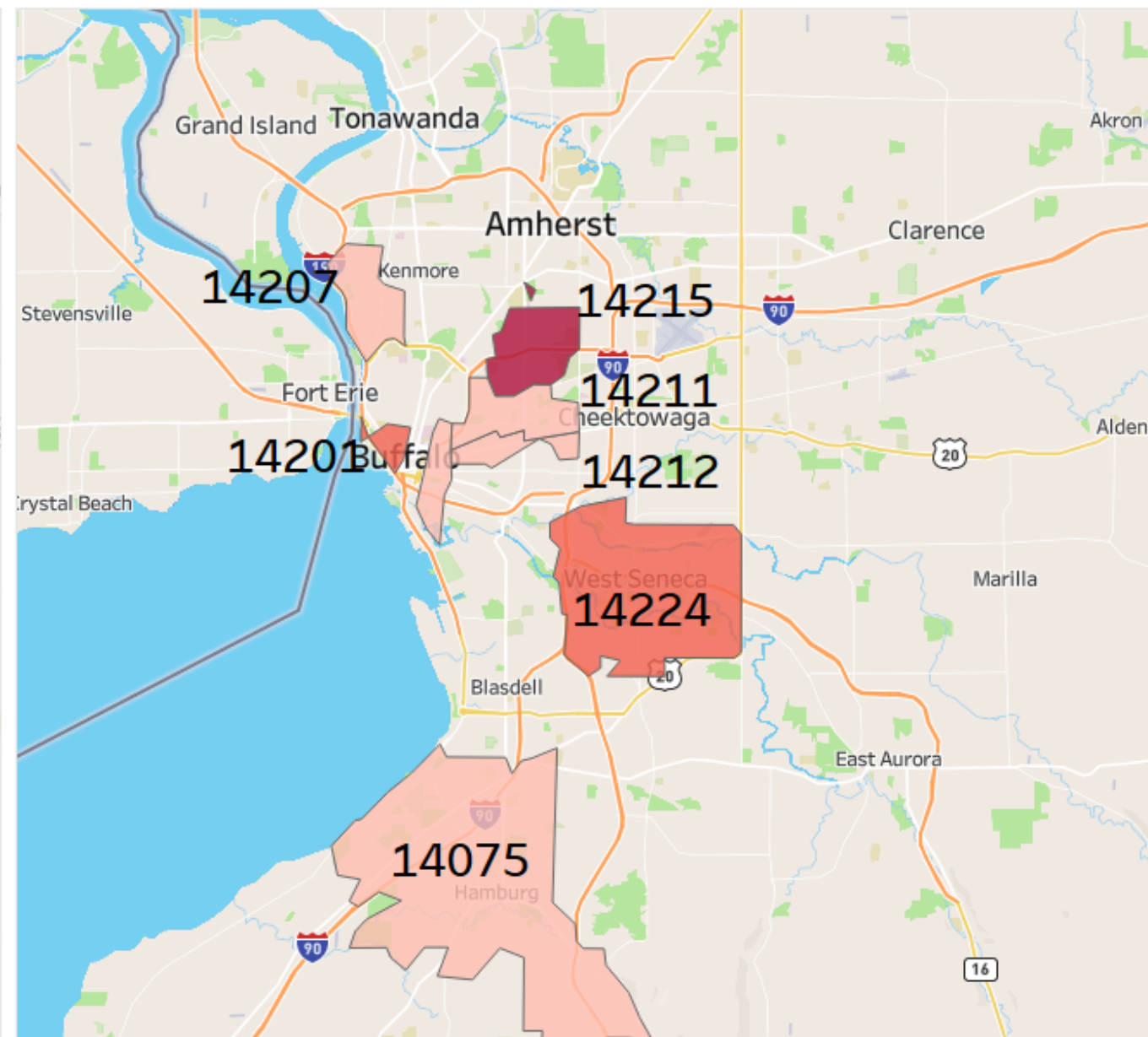
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*CASES REPORTED THRU 10/24/2025

Overdose Deaths by ZIP Code

Overdose Deaths by ZIP Code
October 2024 - March 2025



Overdose Deaths by ZIP Code
April 2025 - September 2025



- Increasing overdose deaths:
 - CoB East Side
 - 14215, 14212, 14204
 - Black Rock / Riverside
 - West Seneca
 - Hamburg
- Decreasing overdose deaths:
 - South Buffalo
 - 14220, 14210
 - Tonawanda

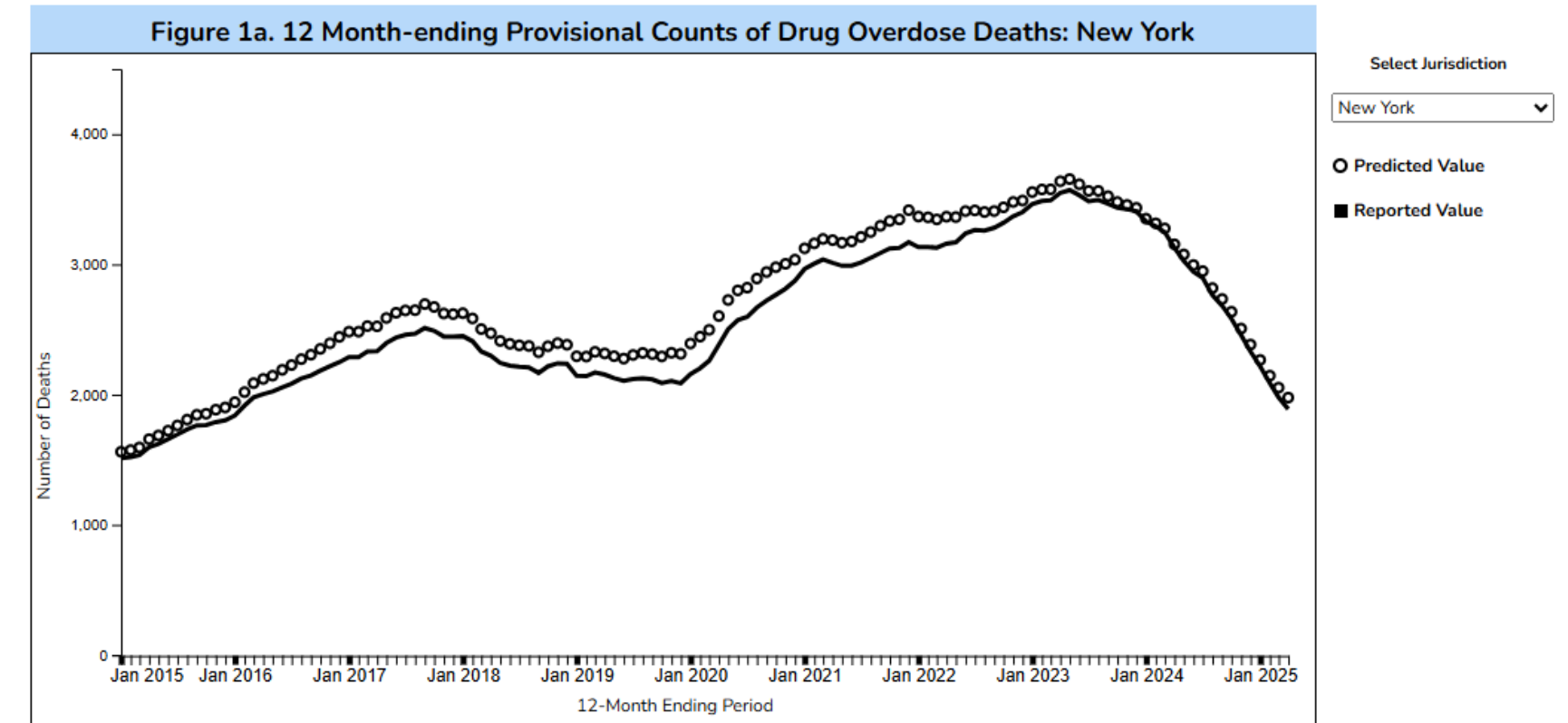
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

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 10/24/2025



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Comparison to State Trends

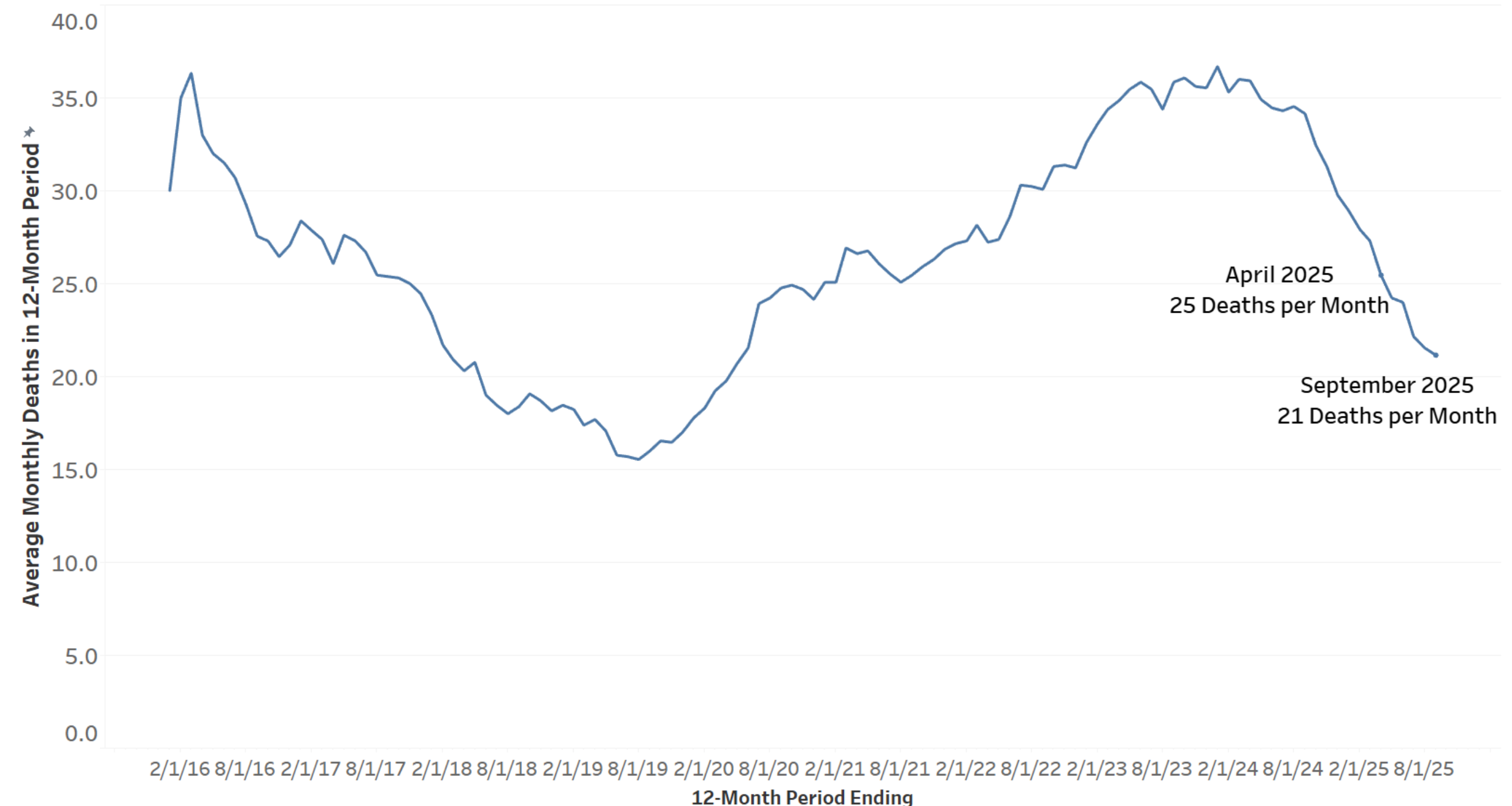
- As of September 2025:

- Average of 21 deaths per month over past 12 months

- 38% decrease in monthly deaths, Year-over-Year

- Caught up to statewide trend

Erie County Monthly Overdose Deaths, 12-Month Moving Average



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CASES REPORTED THRU 10/24/2025

Comparison to State Trends

- As of September 2025:
- Continuous decline since August 2024

Erie County Monthly Overdose Deaths, 12-Month Moving Average



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

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)



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Non-Fatal Overdoses, 2022 to Present

Average Daily Non-Fatal Overdose Reports, 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 10/23/2025

Non-Fatal Overdoses, 2022 to Present

Average Daily Non-Fatal Overdose Reports, 2022 - Present



- Typically, 2-3 non-fatal reports per day
- Trending towards 3 reports per day in recent months
- OD deaths are down, but non-fatal reports remain steady

SOURCE: ERIE COUNTY HIDTA OFFICE, REPORTS AS OF 10/23/2025

Substances Detected by CPS Forensic Lab

- Substance samples seized by law enforcement and analyzed by Central Police Services Forensic Laboratory

- Xylazine and Medetomidine
 - Veterinary sedatives
 - Alpha-2 adrenergic agonists
- BTMPS
 - Industrial chemical
 - No pharmaceutical use

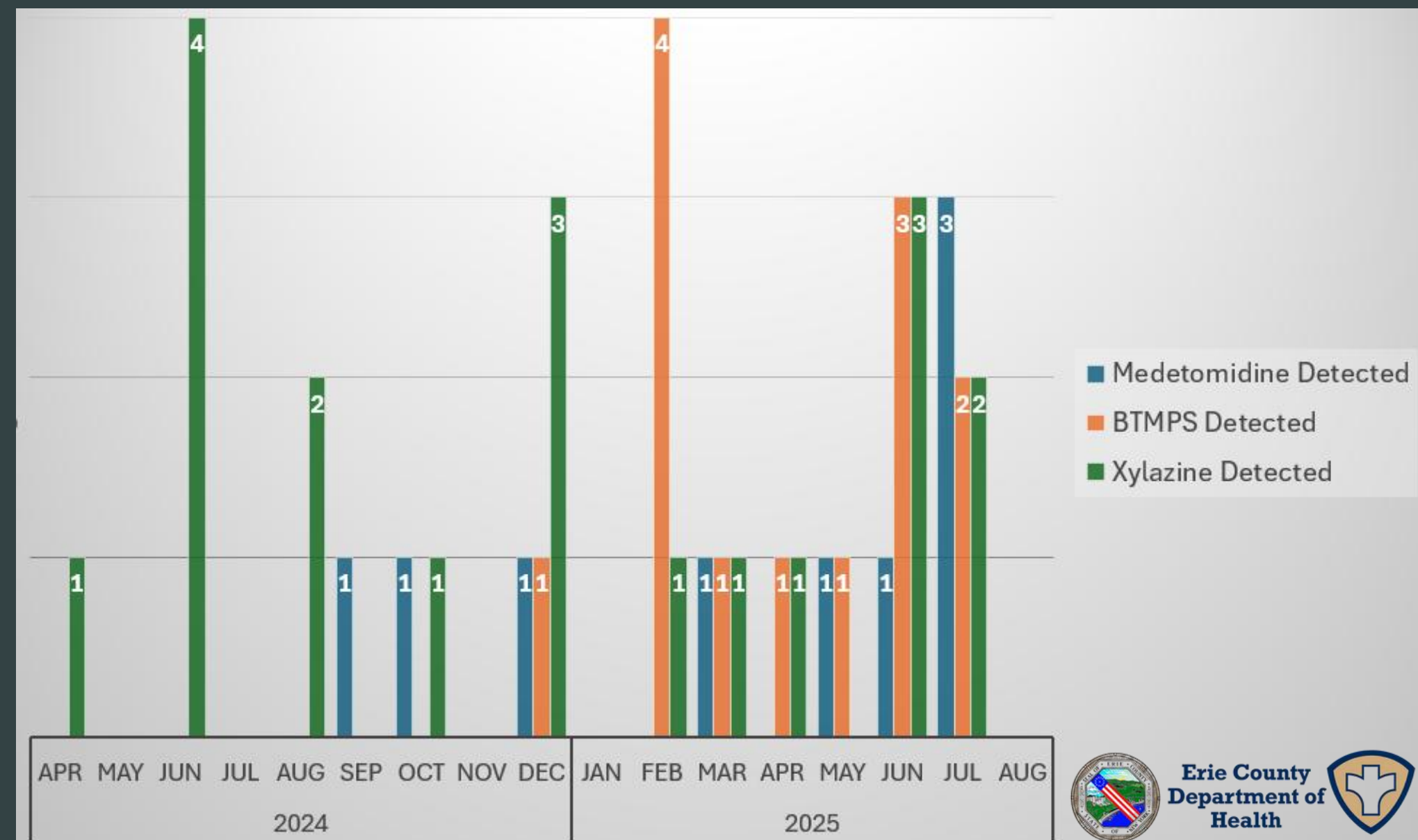
Substance Detections among CPS Drug Seizures by Month



Substances Detected by CPS Forensic Lab

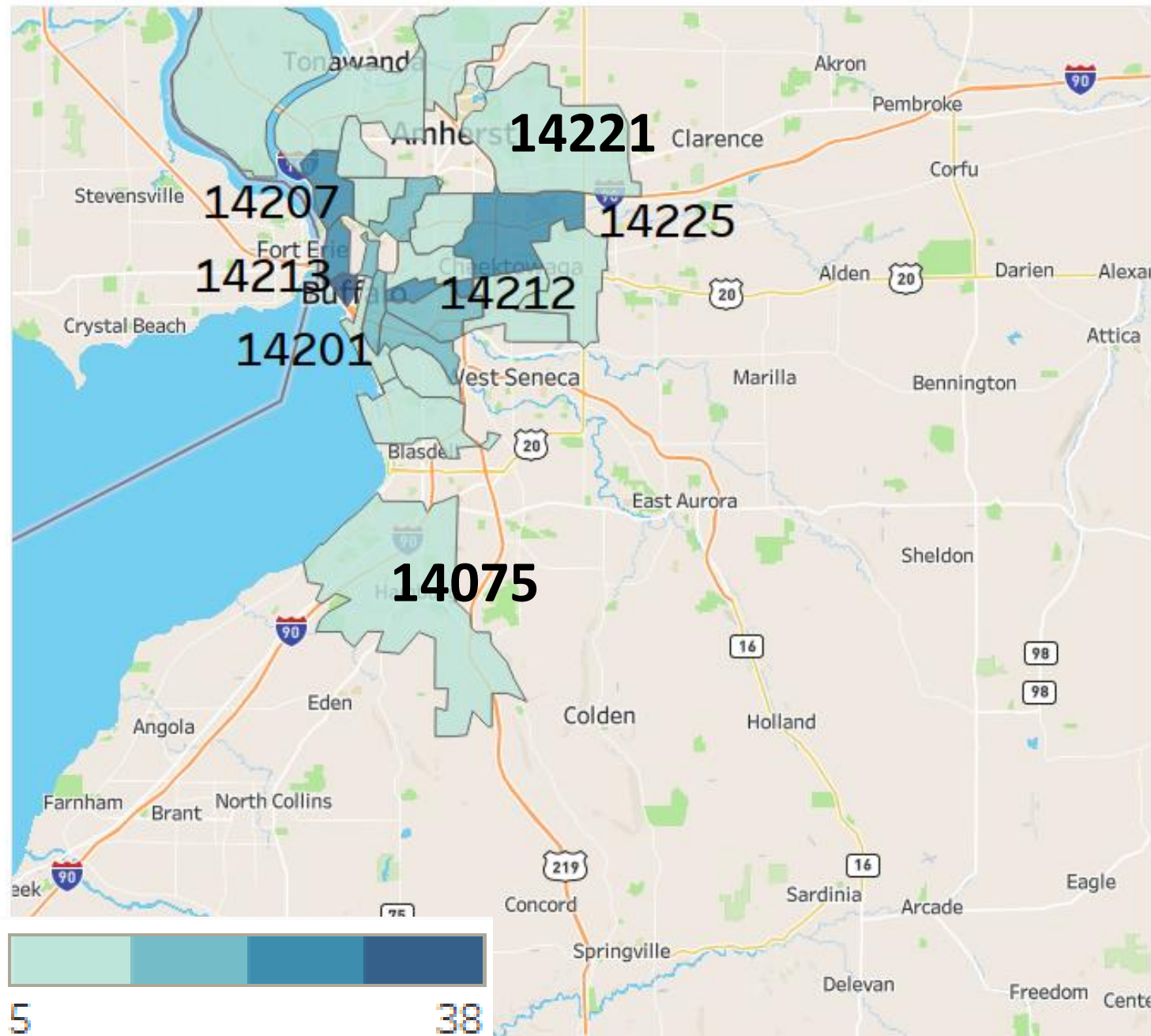
- 79 samples analyzed so far in 2025
 - 6 medetomidine detections
 - 3 in July
 - 12 BTMPS detections
 - 3 in June
 - 8 xylazine detections
 - 3 in June
- No new detections since July 2025

Substance Detections among CPS Drug Seizures by Month



Non-Fatal Reports by ZIP Code

Non-Fatal Reports by ZIP Code
October 2024 - March 2025



Non-Fatal Reports by ZIP Code
April 2025 - September 2025



Increased Reports

- 14206 (Lovejoy)
- 14211 & 14215 (East Side)
- 14220 (South Buffalo)
- 14224 (West Seneca)
- 14141 (Springville)

Decreased Reports

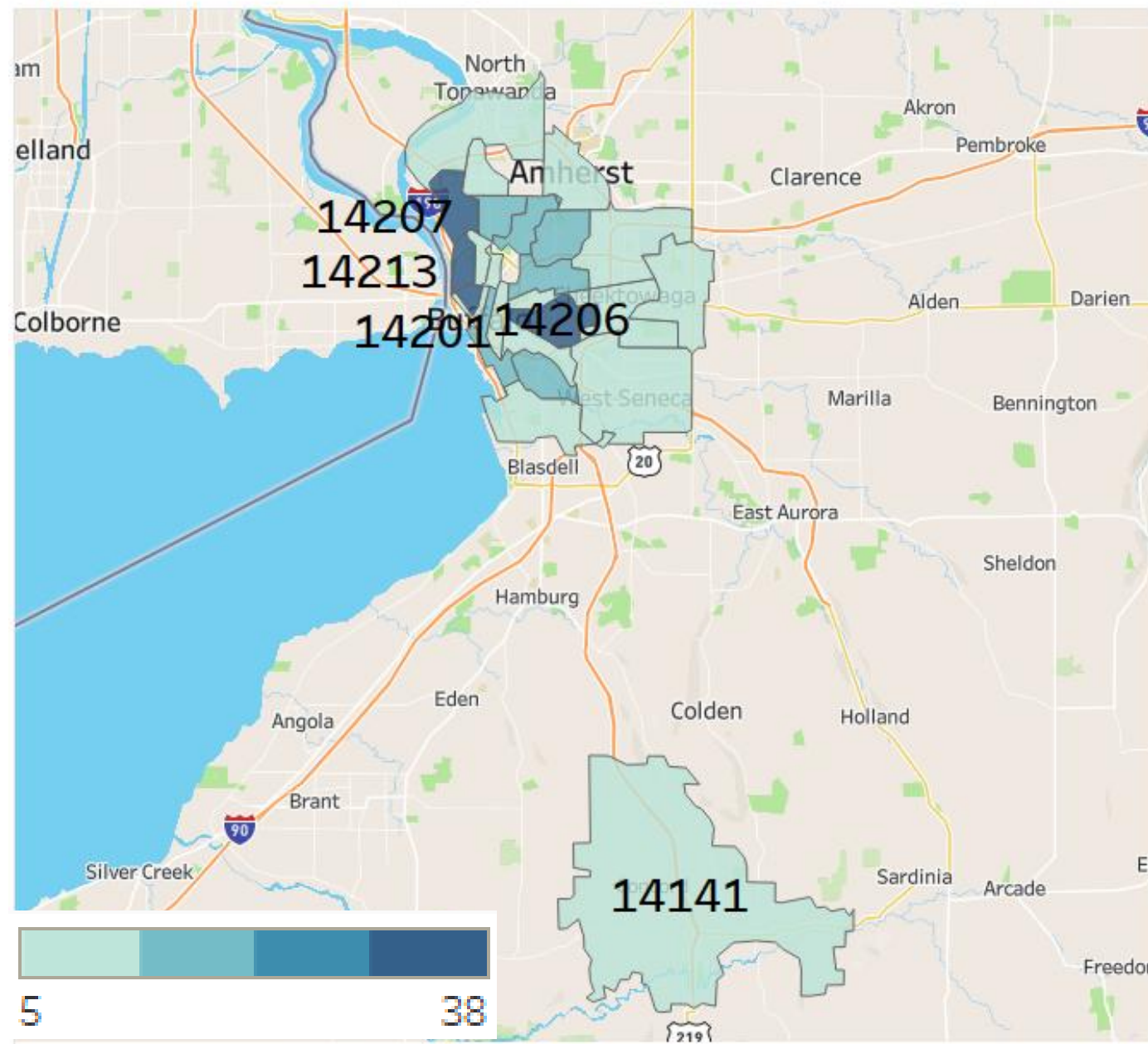
- 14225 (Cheektowaga)
- 14212 (Broadway)
- 14075 (Hamburg)
- 14221 (Williamsville)

Consistent High Reports

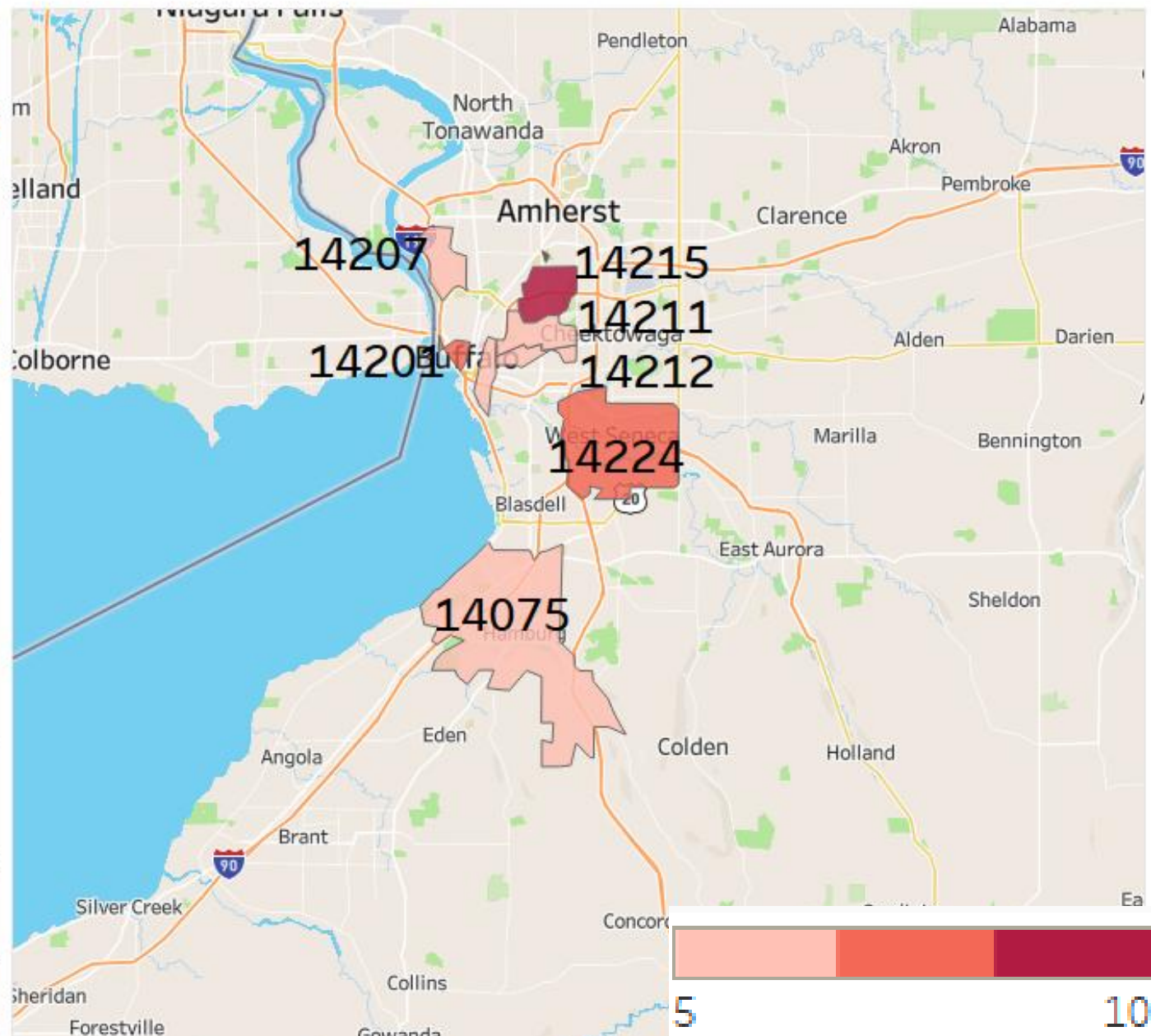
- 14201
- 14213
- 14207

OD Deaths vs Non-Fatal Reports

Non-Fatal Reports by ZIP Code
April 2025 - September 2025



Overdose Deaths by ZIP Code
April 2025 - September 2025



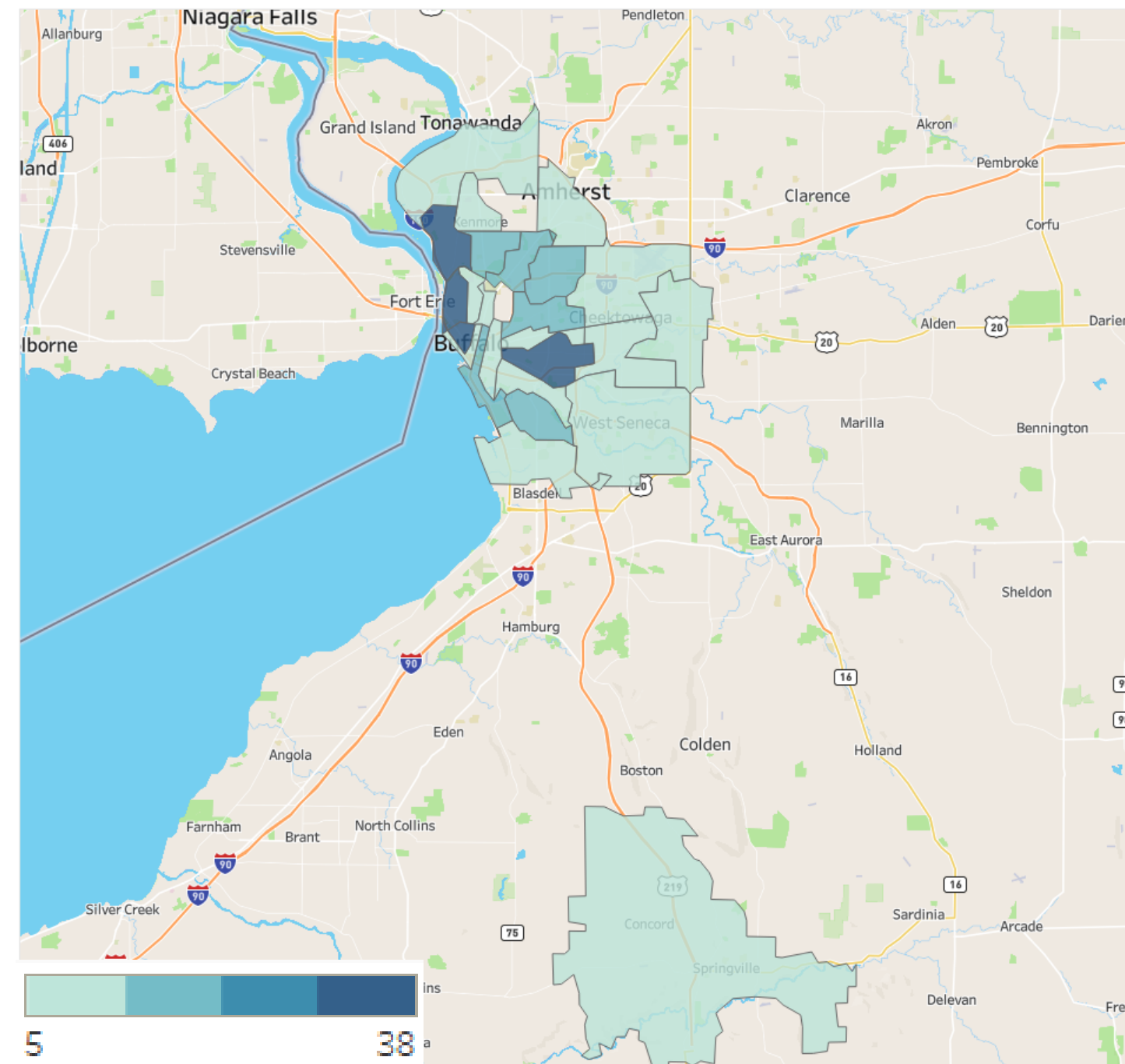
- We typically see more non-fatal OD reports than OD deaths in each ZIP
- If ZIP OD deaths exceed non-fatal reports, cause for concern
 - Potential indicator of under-reporting

SOURCE: ERIE COUNTY HIDTA OFFICE, REPORTS AS OF 10/23/2025

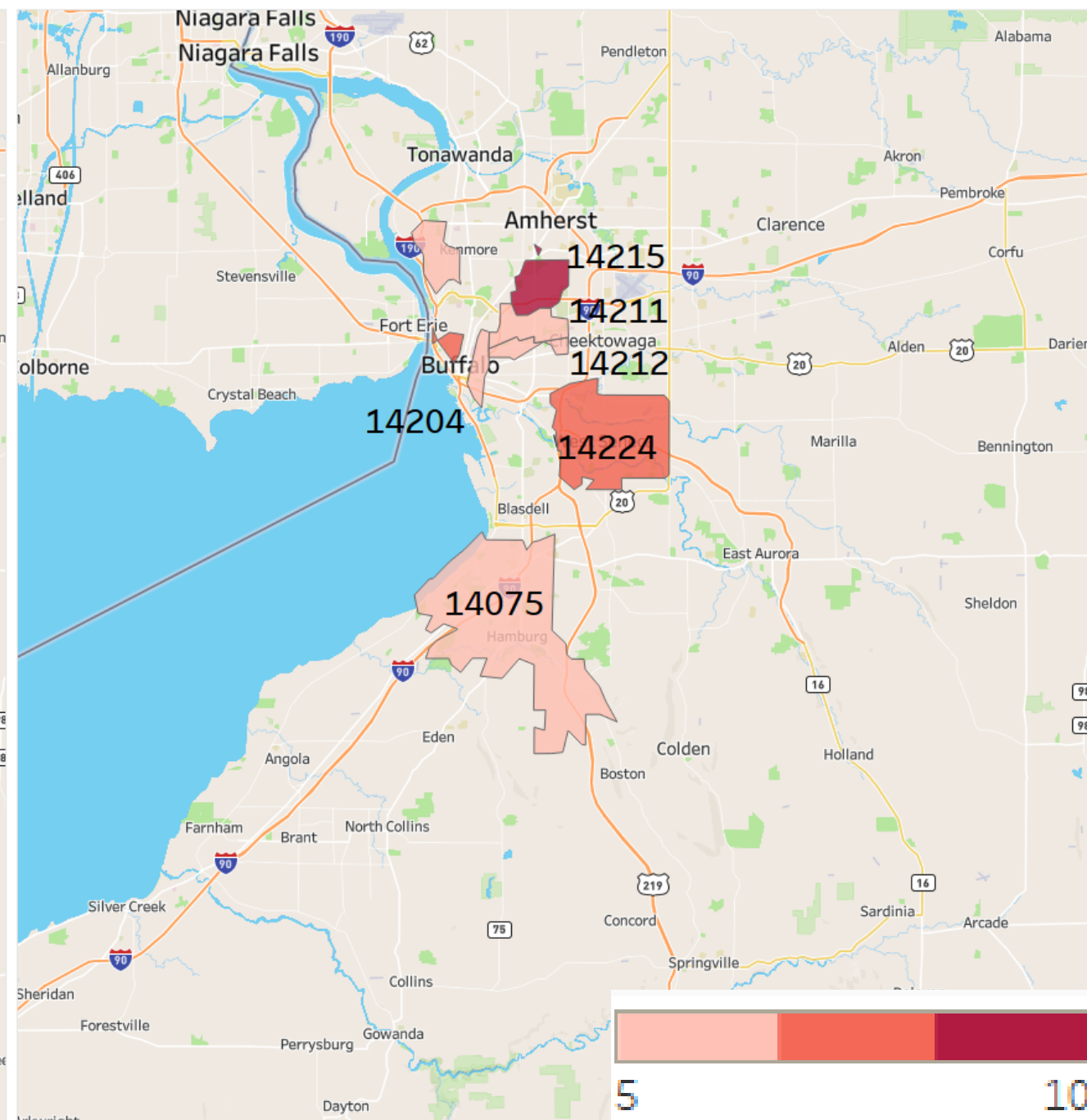
SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

OD Deaths vs Non-Fatal Reports

Non-Fatal Reports by ZIP Code
April 2025 - September 2025



Overdose Deaths by ZIP Code
April 2025 - September 2025



More deaths than expected:

- East Side
 - 14204, 14212, 14211, 14215
- West Seneca (14224)
- Hamburg (14075)

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

SOURCE: ERIE COUNTY HIDTA OFFICE, REPORTS AS OF 10/23/2025

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE
*CASES REPORTED THRU 10/24/2025

Summary

- OD deaths continue to decline
- Disparities by race/ethnicity still significant, but decreasing rapidly
- Recent increase in deaths related to both cocaine + fentanyl, but below 2023 and 2024 levels
- High concentration of deaths in 14215, 14201, and 14224
- Decreasing OD deaths in 14150, 14210, and 14220
- More deaths than expected in West Seneca (14224), Hamburg (14075) and East Side of Buffalo

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?

- Q: What is causing the decrease in racial disparities among overdose deaths?
- A: We can't say for sure what the cause is. The correlation between decreasing fentanyl + cocaine deaths, decreasing overall deaths, and the shift in toxicology when stratified by race, all beginning around the same time in mid-2024, suggests it could be a change in the drug supply. It is unlikely to be due to a mass change in behavioral factors, considering the level of non-fatal overdose reporting remains fairly consistent.