

Updating the Changes in Oregon's Drug Overdose Mortality Crisis

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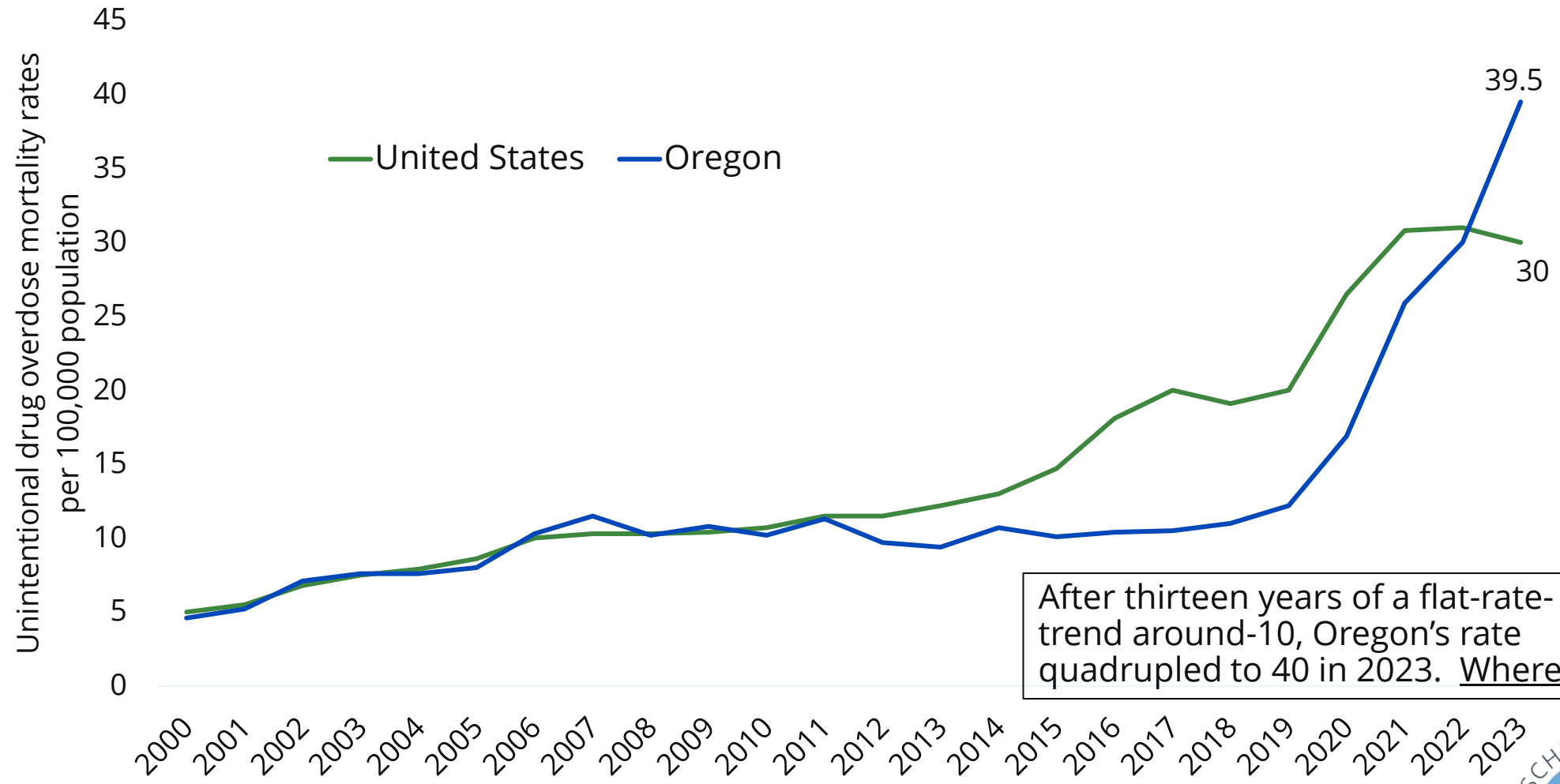


Drug Overdose Mortality Rates from a Perspective of National to Oregon to Deschutes

- In the past four years, 2020-2023, Oregon experienced large changes in drug overdose mortality rates
- Oregon moved from one of the lowest States in the nation to one of the highest
- Last year in 2023, Oregon saw its largest single-year-increase, resulting in rates substantially higher than the National rate
- While Deschutes County has some of the lowest rates in Oregon, we have seen increases here too

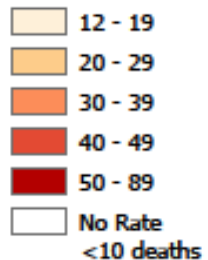


Drug Overdose Mortality Rates Spiking in Oregon Four Consecutive Years – 2020, 2021, 2022, 2023



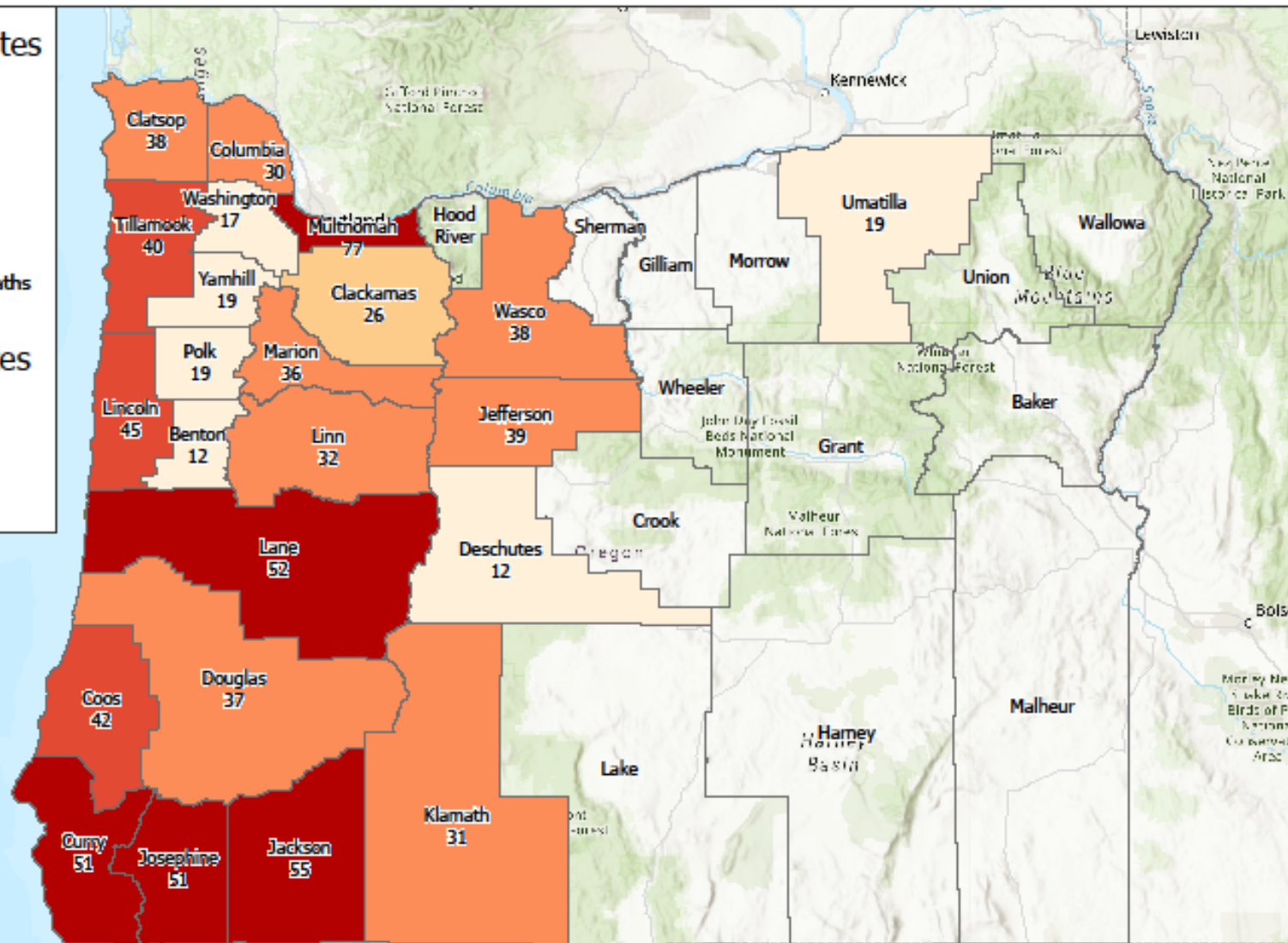
Drug Overdose Death Rates per 100,000 Population in Oregon Counties in 2023

Death Rates



State Rates

2019=12
 2020=17
 2021=26
 2022=30
 2023=40



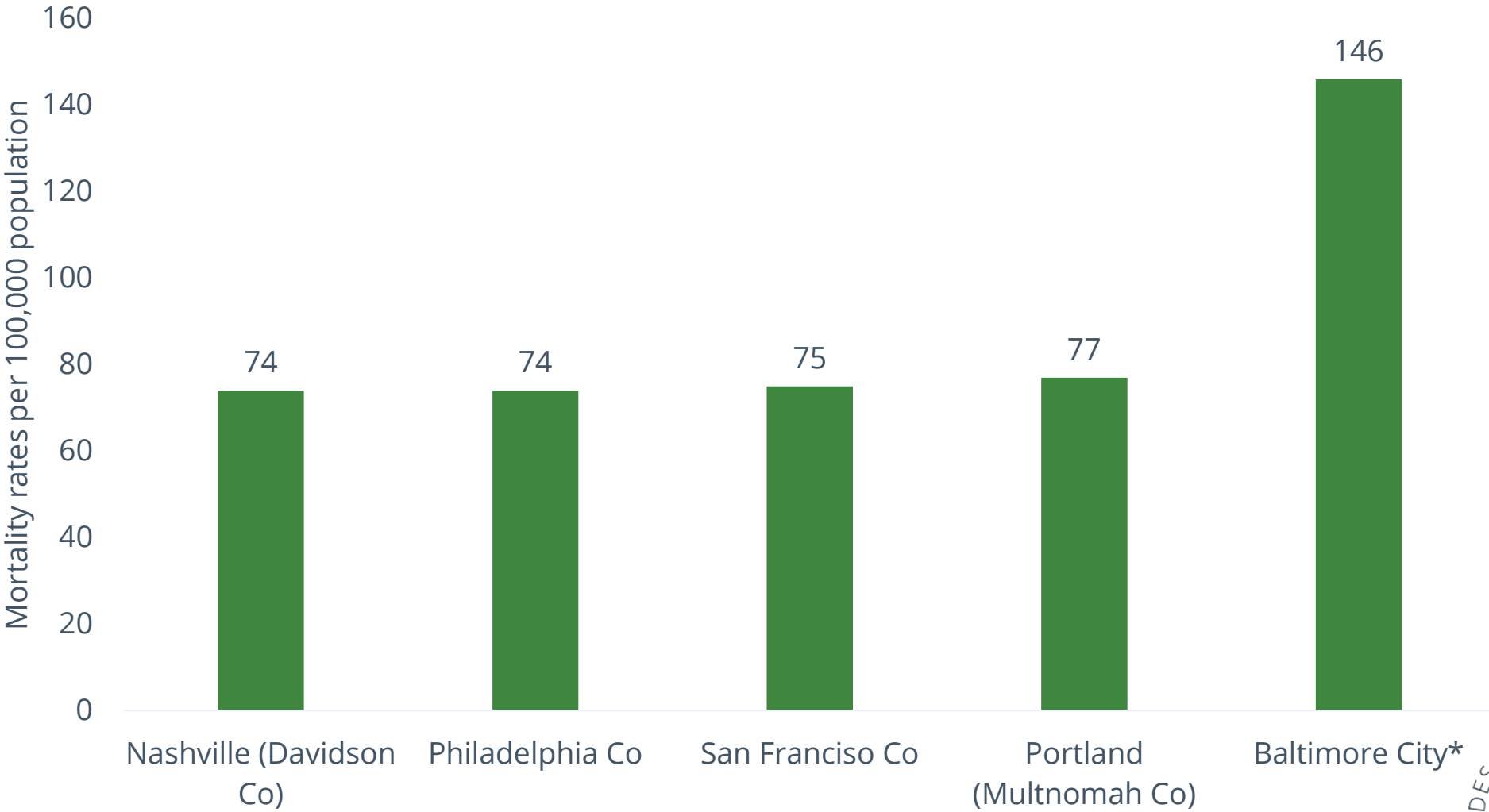
Map source: Deschutes County Health Services, March 2024

Data source: CDC WONDER, wonder.cdc.gov

Esri, CGIAR, USGS, County of Crook, Oregon State Parks, Esri, TomTom, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS, USFWS



Highest Urban/Metro Drug Overdose Mortality Rates in the Nation: Top Five Urban County Rates in the United States with Populations >500,000 in 2023





Five Oregon Counties in 2023 in the Top 5% of U.S. Drug Overdose Mortality Rates Above 50

Multnomah County including Portland

- From 401 in 2022 to 615 in 2023

Lane County including Eugene

- From 163 in 2022 to 198 in 2023

Jackson County including Medford

- From 77 in 2022 to 122 in 2023

Josephine County including Grants Pass

- From 34 in 2022 to 45 in 2023

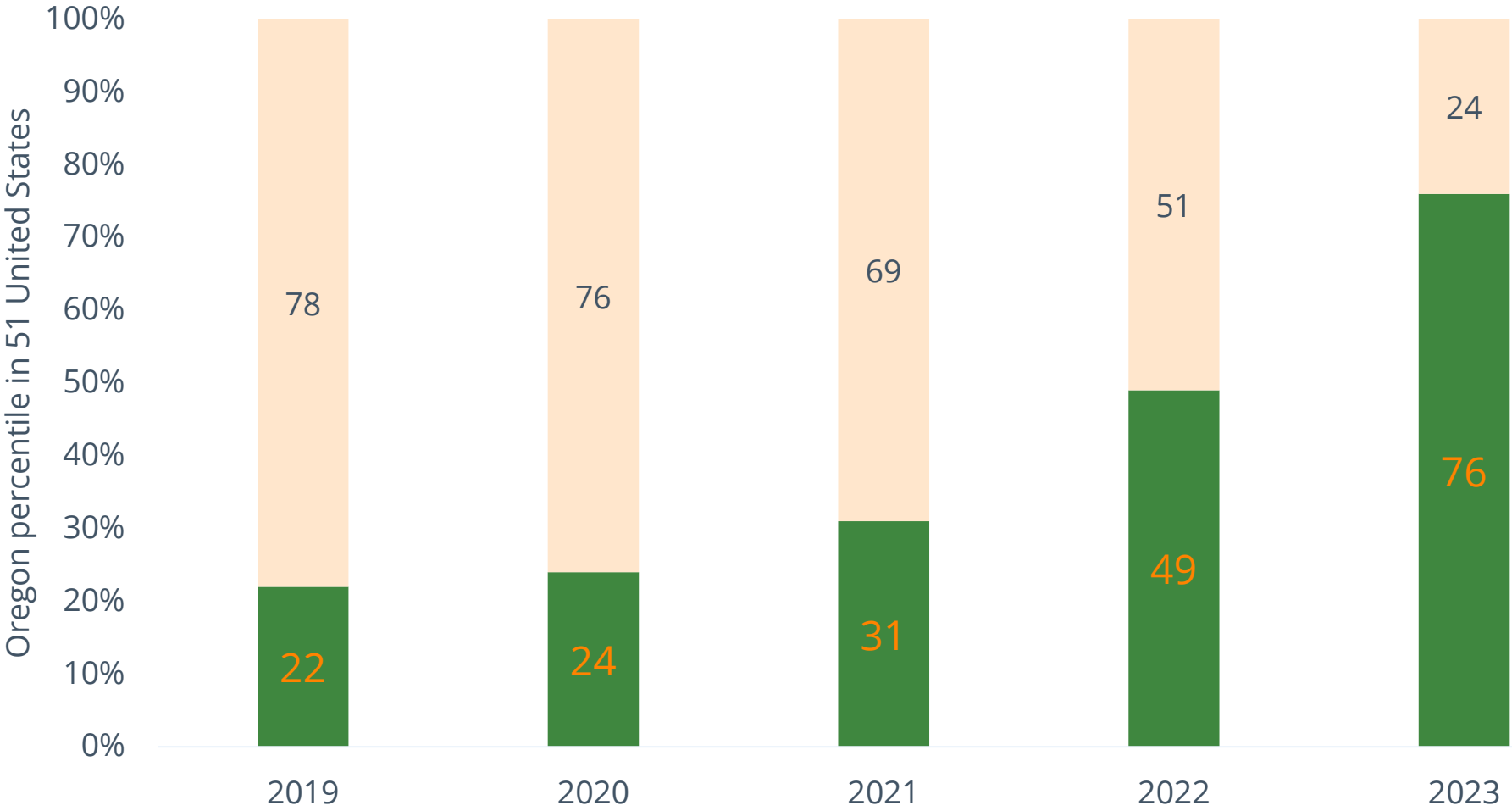
Curry County including Brookings

- From 9 in 2022 to 12 in 2023

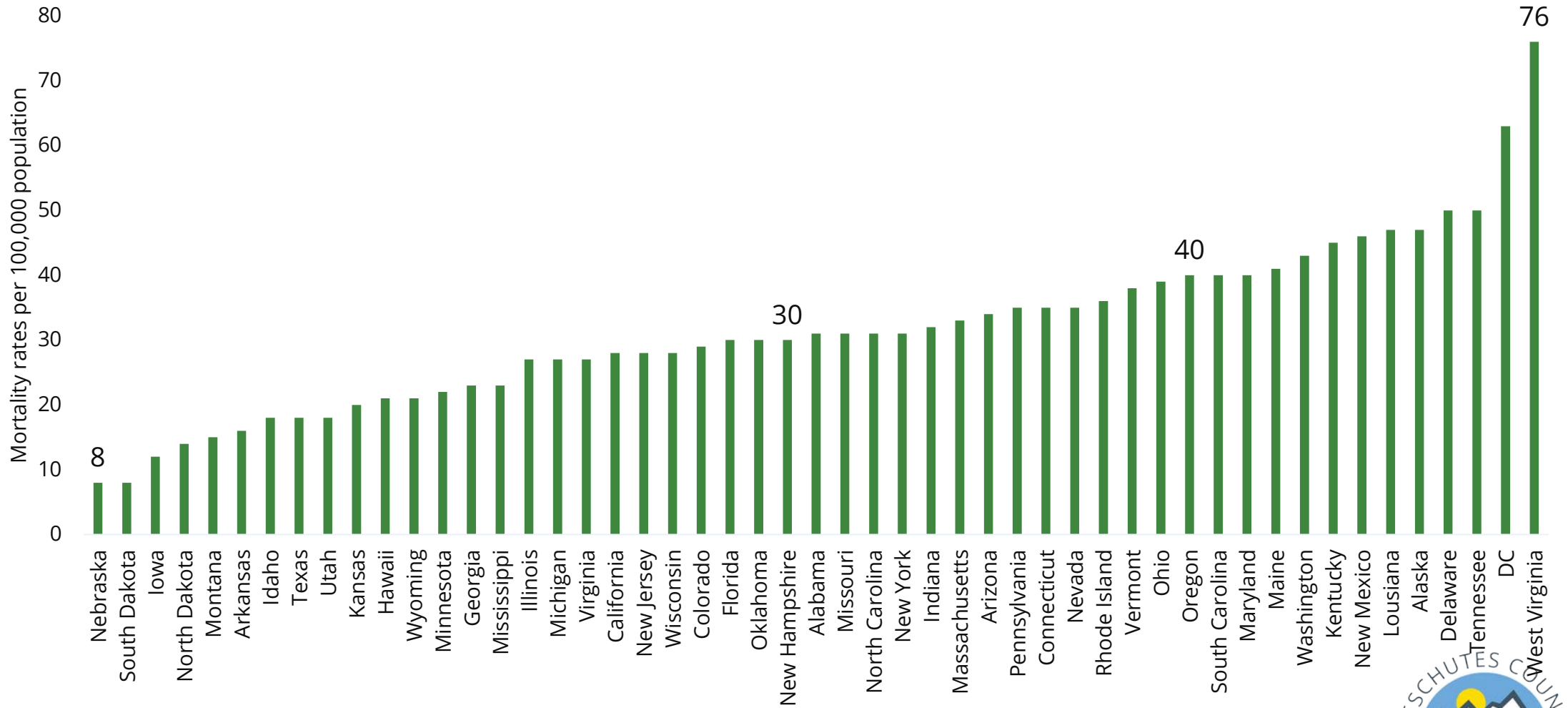




In Four Years, Oregon's Drug Overdose Mortality Rates Moved From the Bottom Quartile of the United States to the Top Quartile

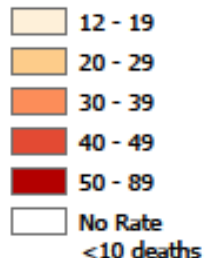


Drug Overdose Mortality Rates Per 100,000 Population by State in 2023



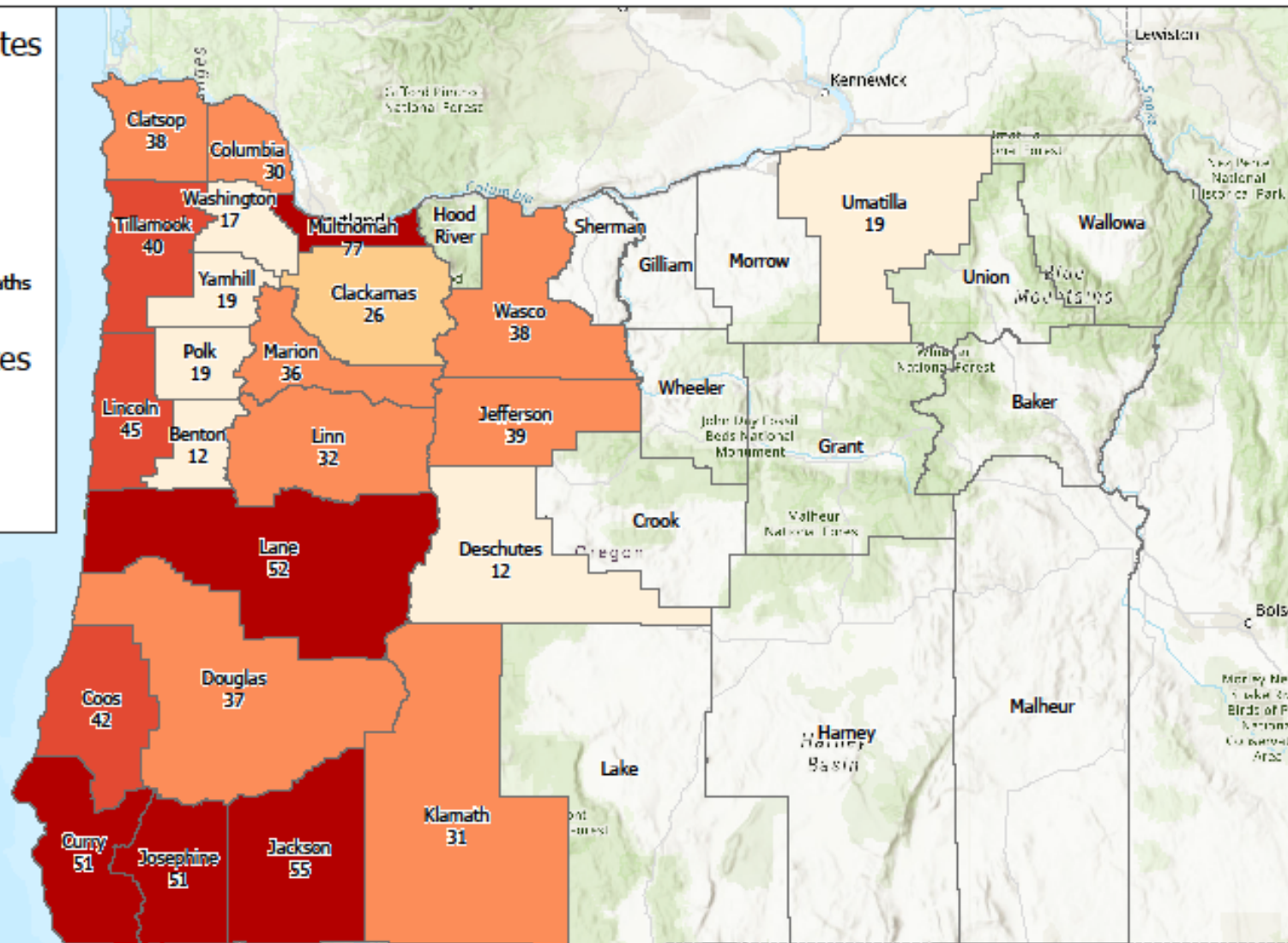
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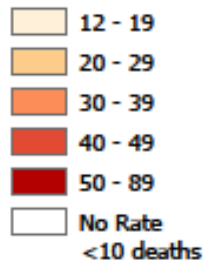
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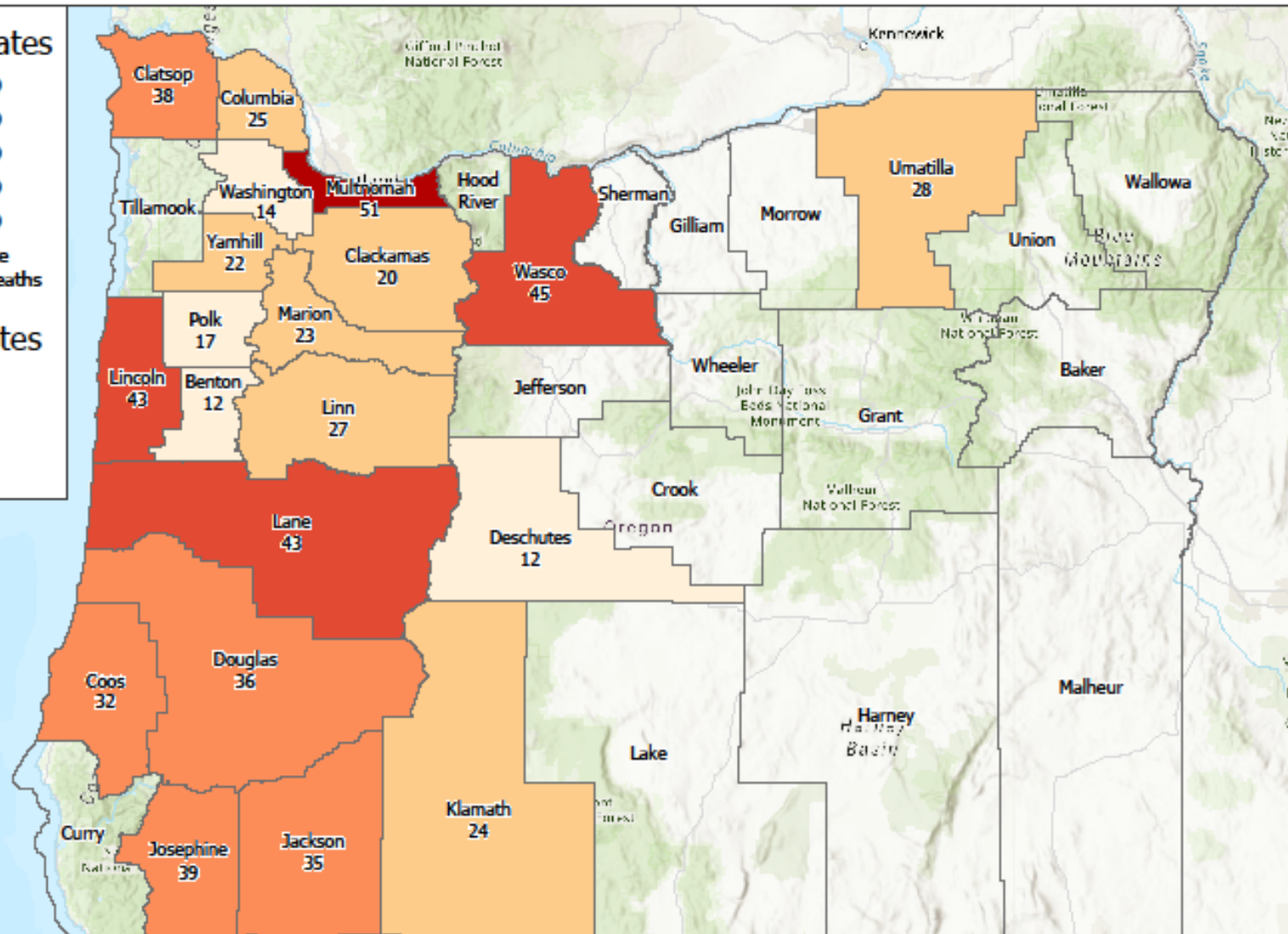
Drug Overdose Death Rates per 100,000 Population in Oregon Counties in 2022

Death Rates



State Rates

2019=12
 2020=17
 2021=26
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 2023=40



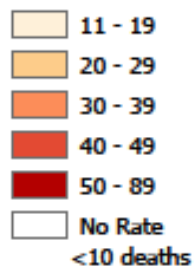
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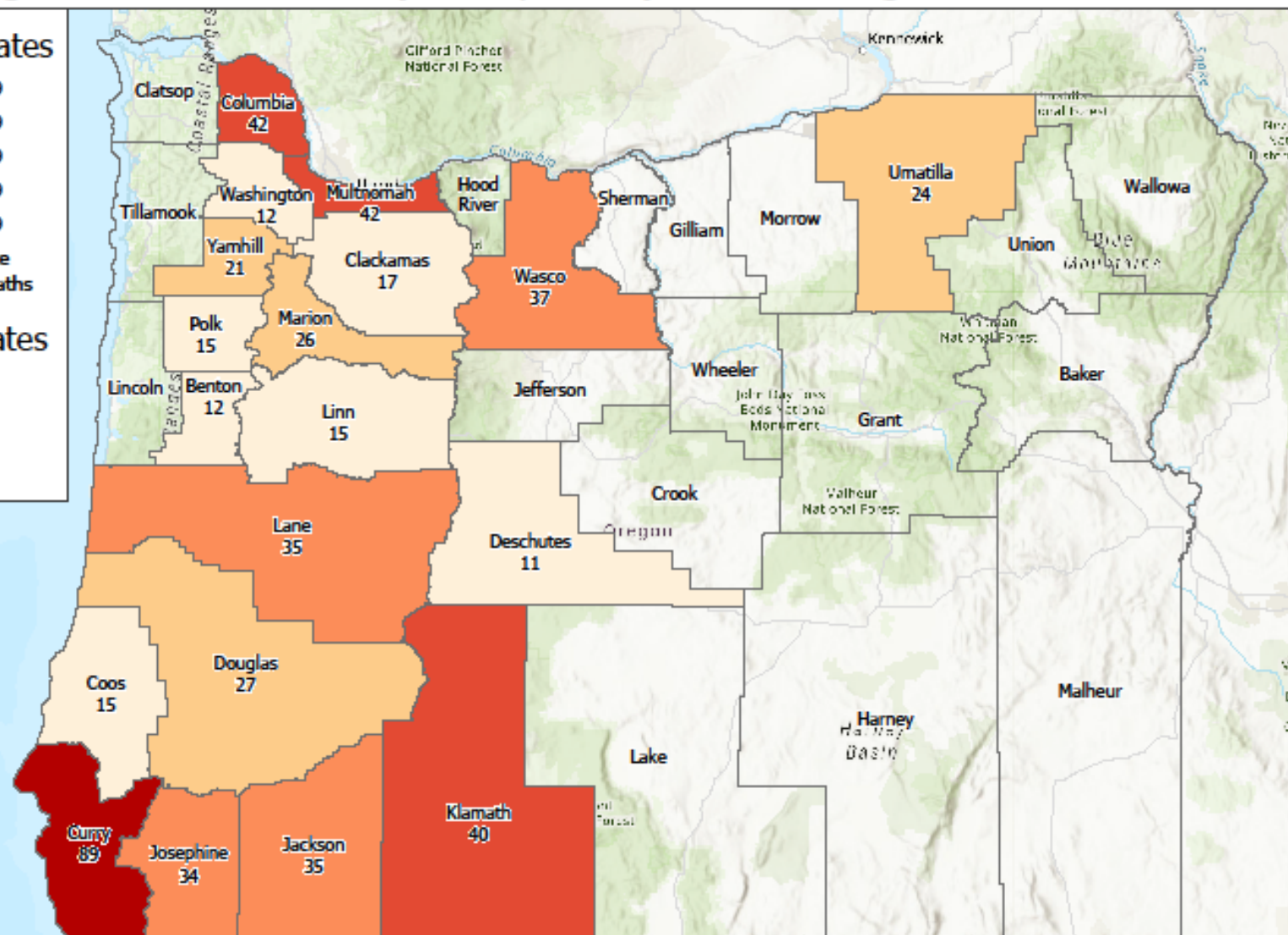
Drug Overdose Death Rates per 100,000 Population in Oregon Counties in 2021

Death Rates



State Rates

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 2020=17
 2021=26
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 2023=40

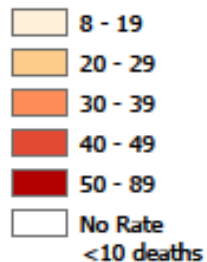


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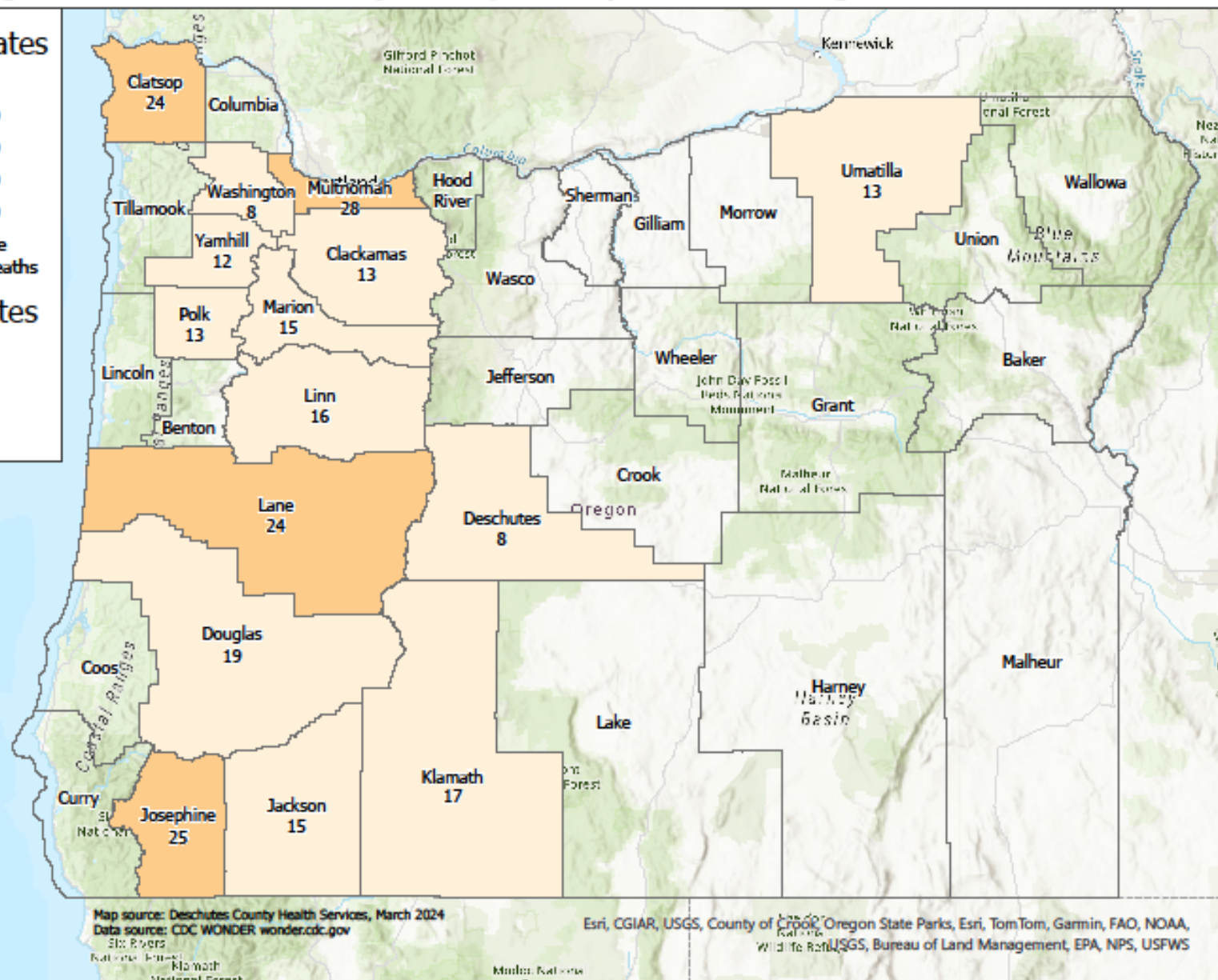
Drug Overdose Death Rates per 100,000 Population in Oregon Counties in 2020

Death Rates



State Rates

2019=12
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 2022=30
 2023=40



Map source: Deschutes County Health Services, March 2024

Data source: CDC WONDER wonder.cdc.gov

El: Rivers

National Forest

Klamath

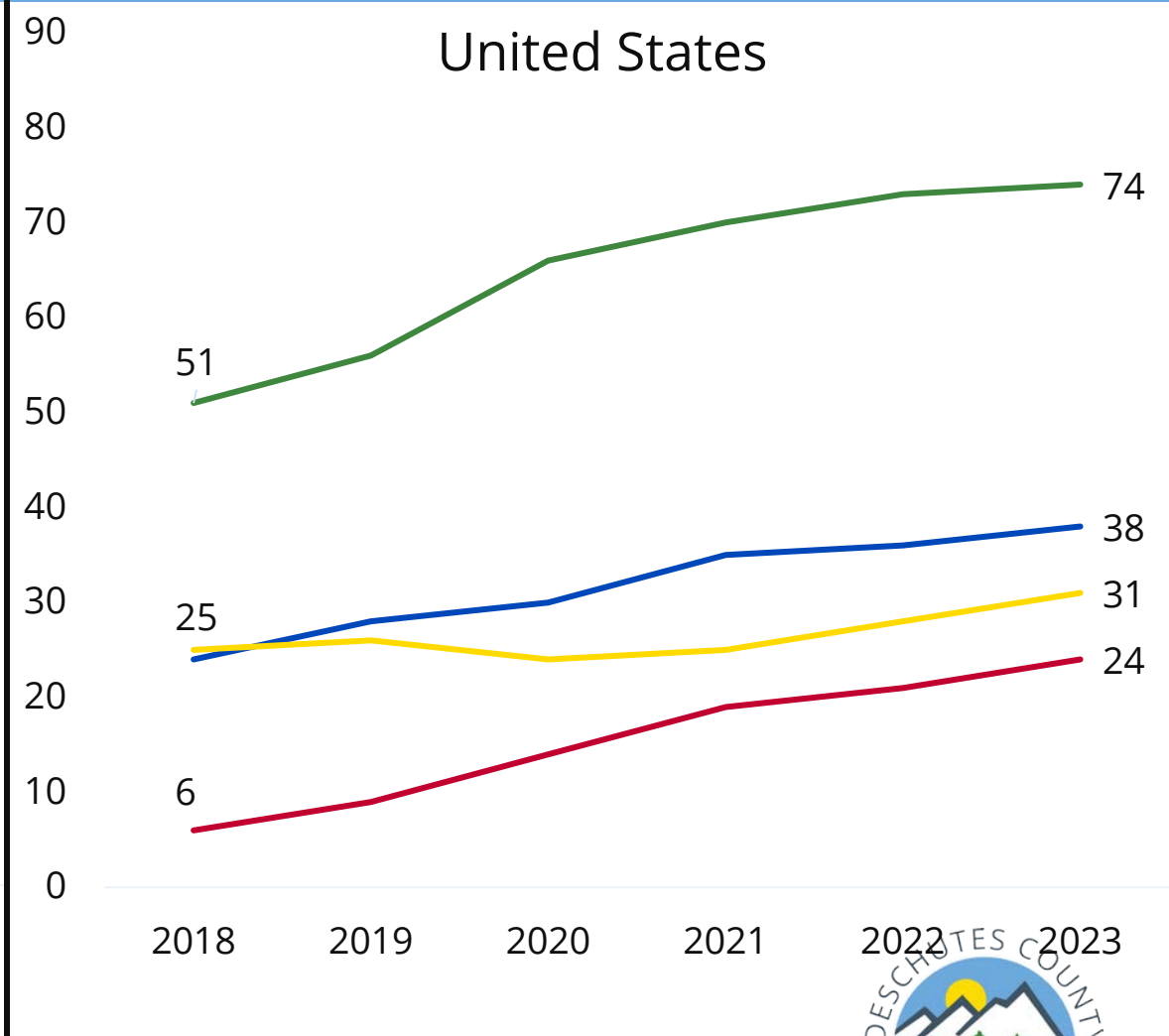
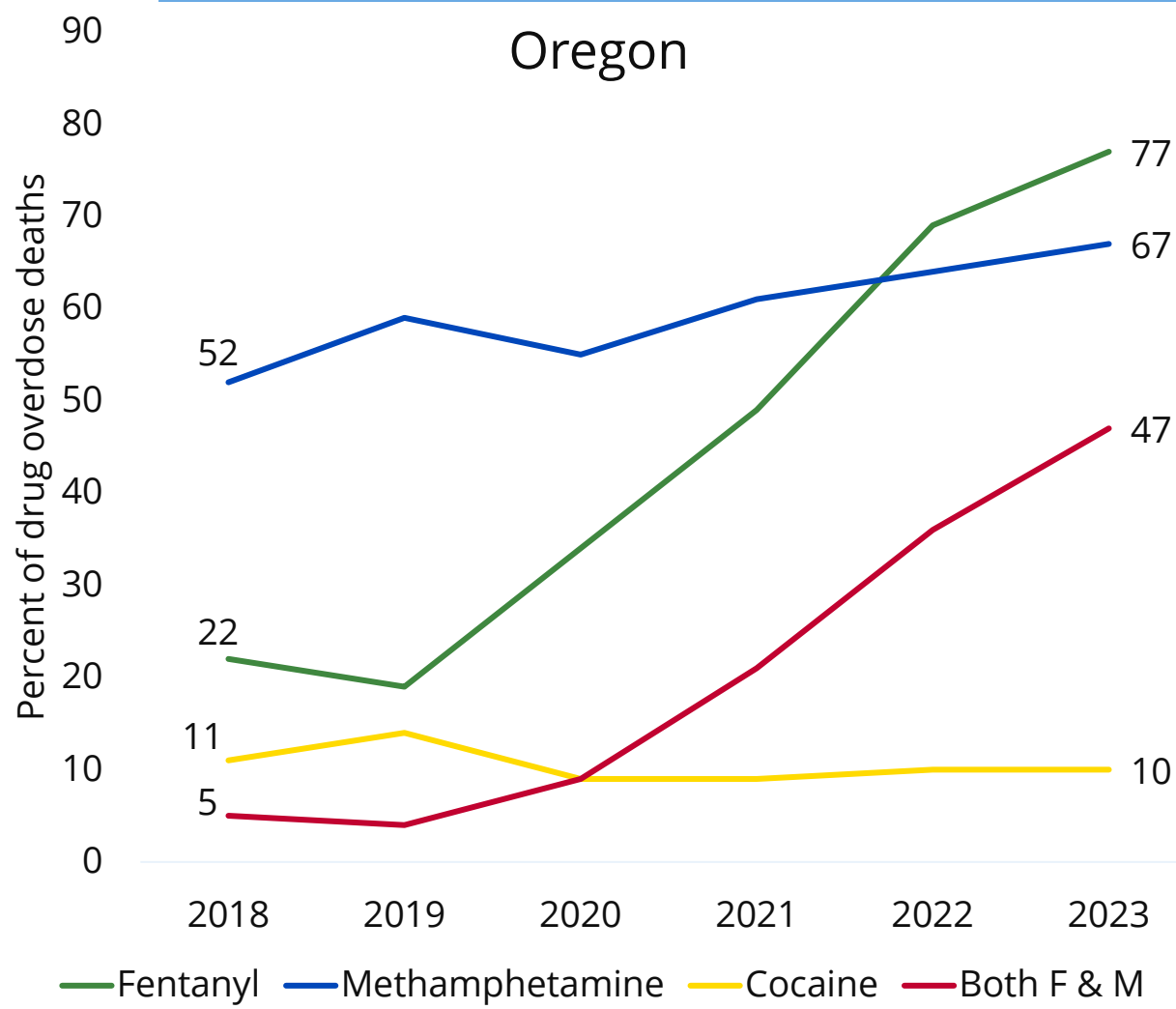
Medford National Forest

Esri, CGIAR, USGS, County of Crook, Oregon State Parks, Esri, TomTom, Garmin, FAO, NOAA,

Wildlife Refuge, USGS, Bureau of Land Management, EPA, NPS, USFWS

Large Differences in Drug Trends Between Oregon and United States

Toxicology Test Results of Drug Overdose Deaths in Past Six years



There is some good news...

Emergency Department visits for opioid overdoses peaked in Oregon in August 2023. They have declined somewhat since that time, indicating that the steep rise in Oregon's 2023 drug overdose deaths is unlikely to continue in 2024.

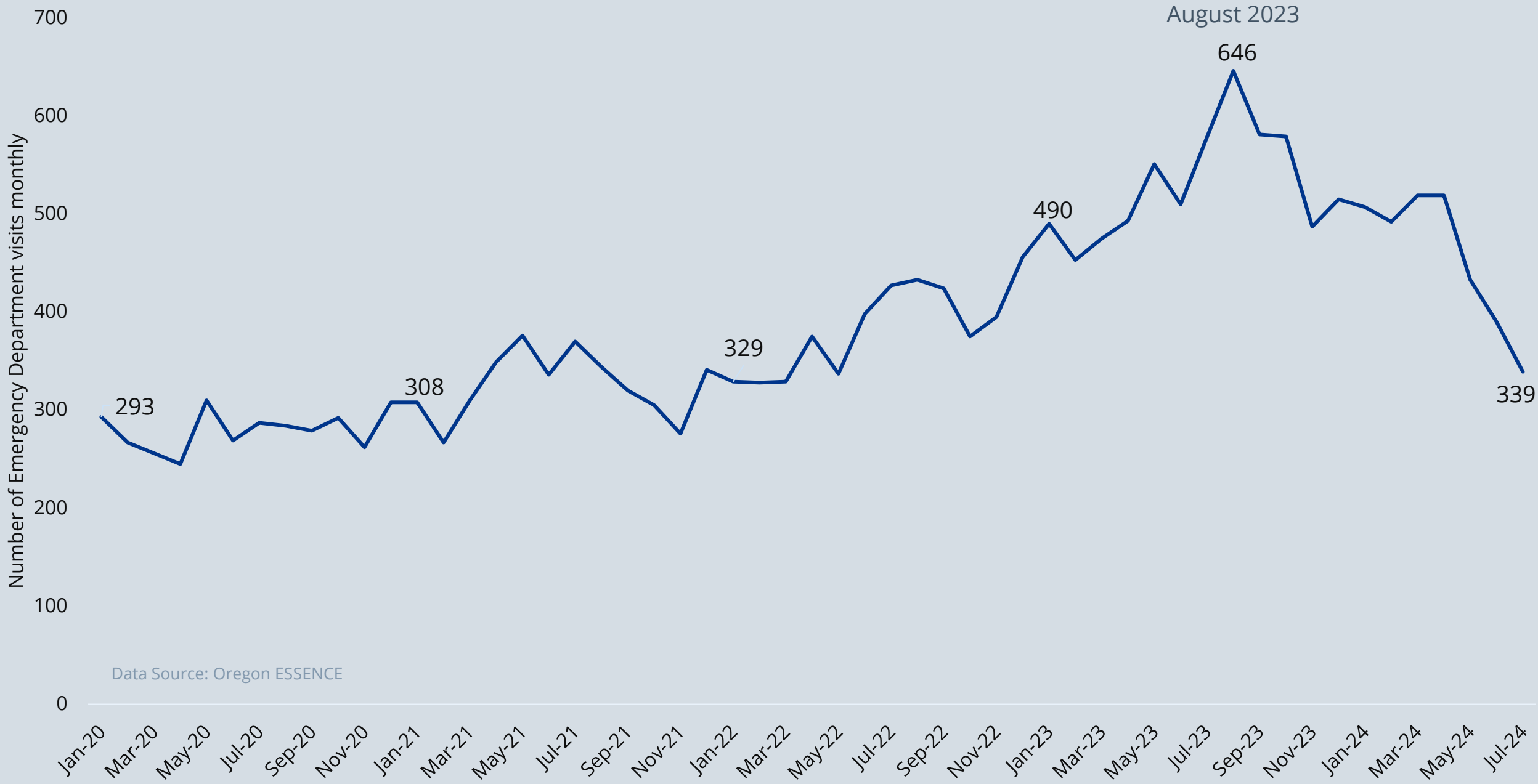
Similarly, ED visits for opioid overdoses in Central Oregon also peaked in the 3rd quarter of 2023 and have declined somewhat since that time.



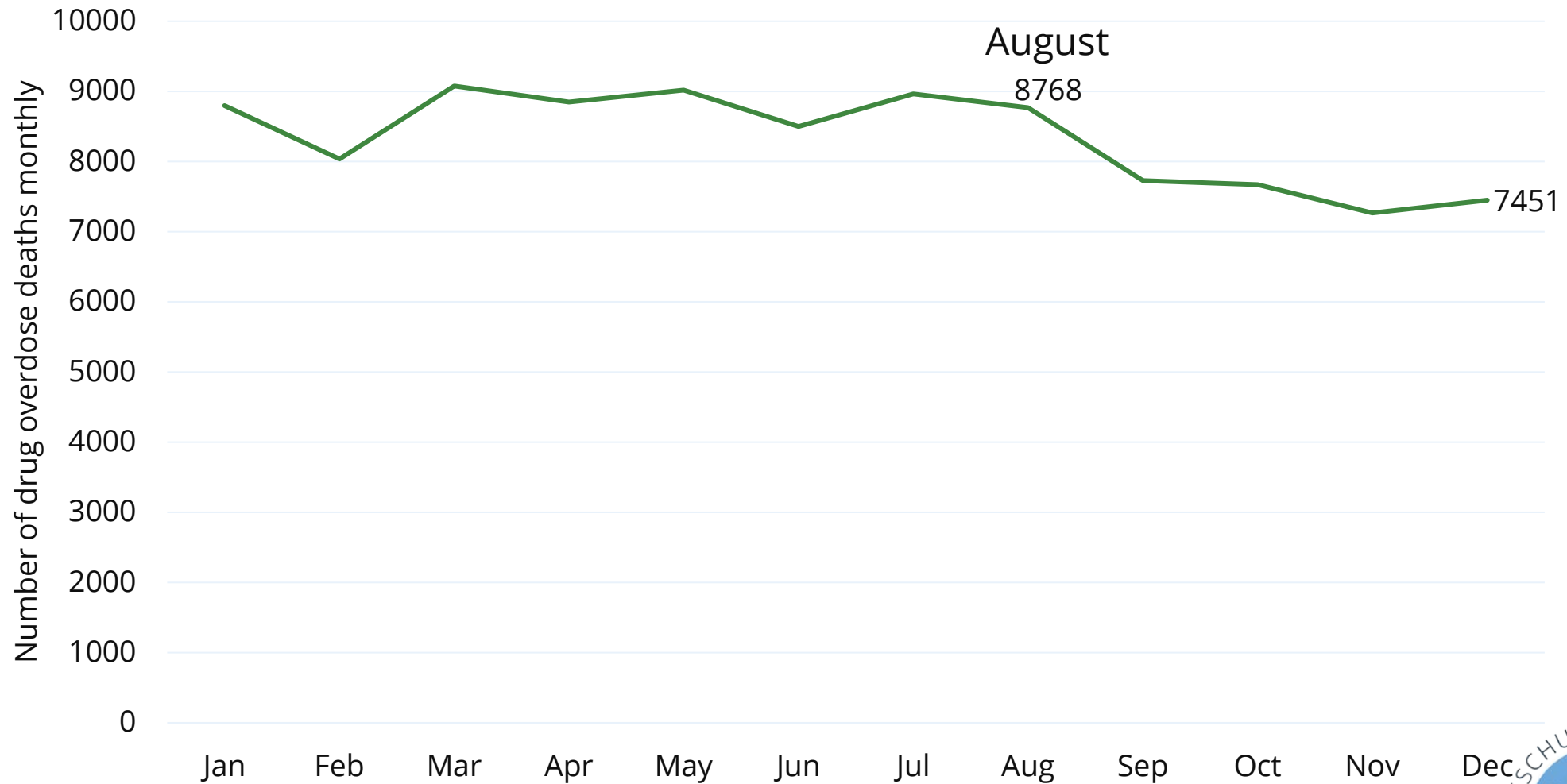


Opioid Overdose Emergency Department Visits in Oregon Have Peaked and Started to Decline

January 2020 – July 2024



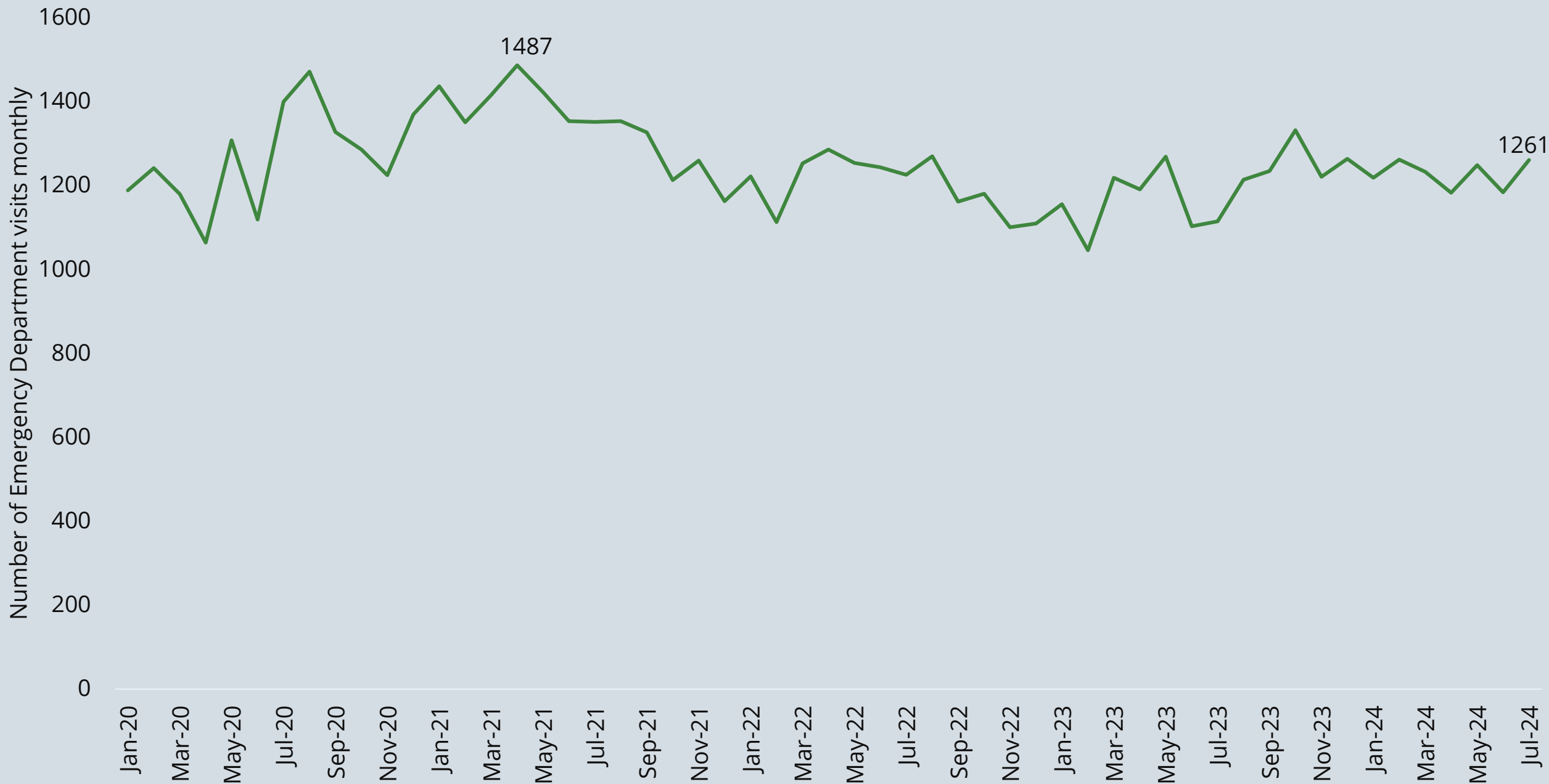
Drug Overdose Deaths Decreased in The Last Four Months of 2023 in the United States





Methamphetamine & Stimulant-Related Emergency Department Visits in Oregon Remain Unchanged

January 2020 – July 2024



Wastewater Estimated Consumption (mg/1000 people/day)



Compound Selection

Fentanyl Norfentanyl

Edit Duration

Start date → End date

Select Locations

2 Selected

- US National Average
- City of Bend Water Reclamation Facility

Wastewater Estimated Consumption (mg/1000 people/day)



Compound Selection

Methamphetamine Amphetamine

Edit Duration

Start date → End date

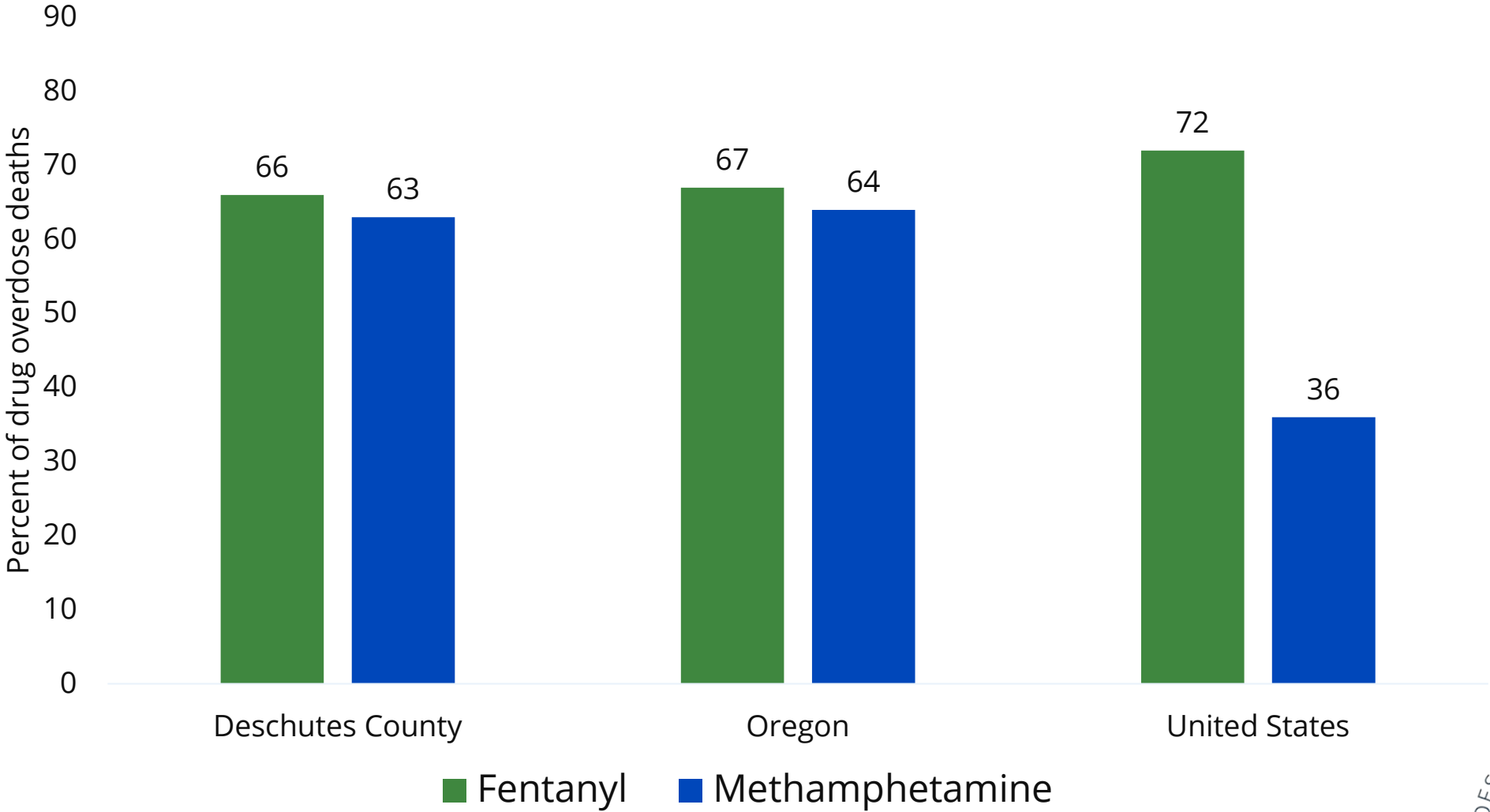
Select Locations

2 Selected

- US National Average
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Verification that Deschutes County Drug Proportions Look Very Similar to Oregon Over the Past Three Years Combined 2021-2023





Strategy Overview of Reducing Overdose Mortality Risk: Impact Supply and Demand

1. Interrupt the Drug Supply

Law enforcement agencies

- Federal
- State
- Local

2. Interrupt the Drug Demand

Prevention, treatment, recovery programs and services

- Public Health
- Behavioral / Mental Health
- Healthcare Providers



Summary

- **Deschutes County saw moderate increases in drug overdose deaths in the past four years, when many other Oregon communities experienced much larger changes and increases**
- **Five Oregon counties in 2023 had drug overdose mortality rates above 50 per 100,000 population; placing them in the top 5% of counties in the United States**
- **Oregon Emergency Department data, however, show a meaningful change in opioid overdose trends decreasing in 2024**
- **If this trend continues, it is unlikely Oregon will experience a fifth consecutive year of spiking drug overdose deaths in 2024**



Data Sources

CDC WONDER: [CDC WONDER](#)

OPHAT: [OPHAT Quick Start Guide_082218 \(oregon.gov\)](#)

SUDORS: [SUDORS Dashboard: Fatal Overdose Data | Drug Overdose | CDC Injury Center](#)

Oregon ESSENCE: [Oregon Health Authority : Oregon ESSENCE \(Oregon's Syndromic Surveillance Project\) : Oregon ESSENCE : State of Oregon](#)

Unintentional Drug Overdose Deaths ICD-10 Codes: X40-X44 and Y10-Y14



Thank you

Central Oregon Overdose Prevention Response Coalition

Deschutes County Health Services Leadership and Staff

Deschutes County Medical Examiner and Staff

Questions?

