



Rapid Analysis of Drugs (RAD) Update

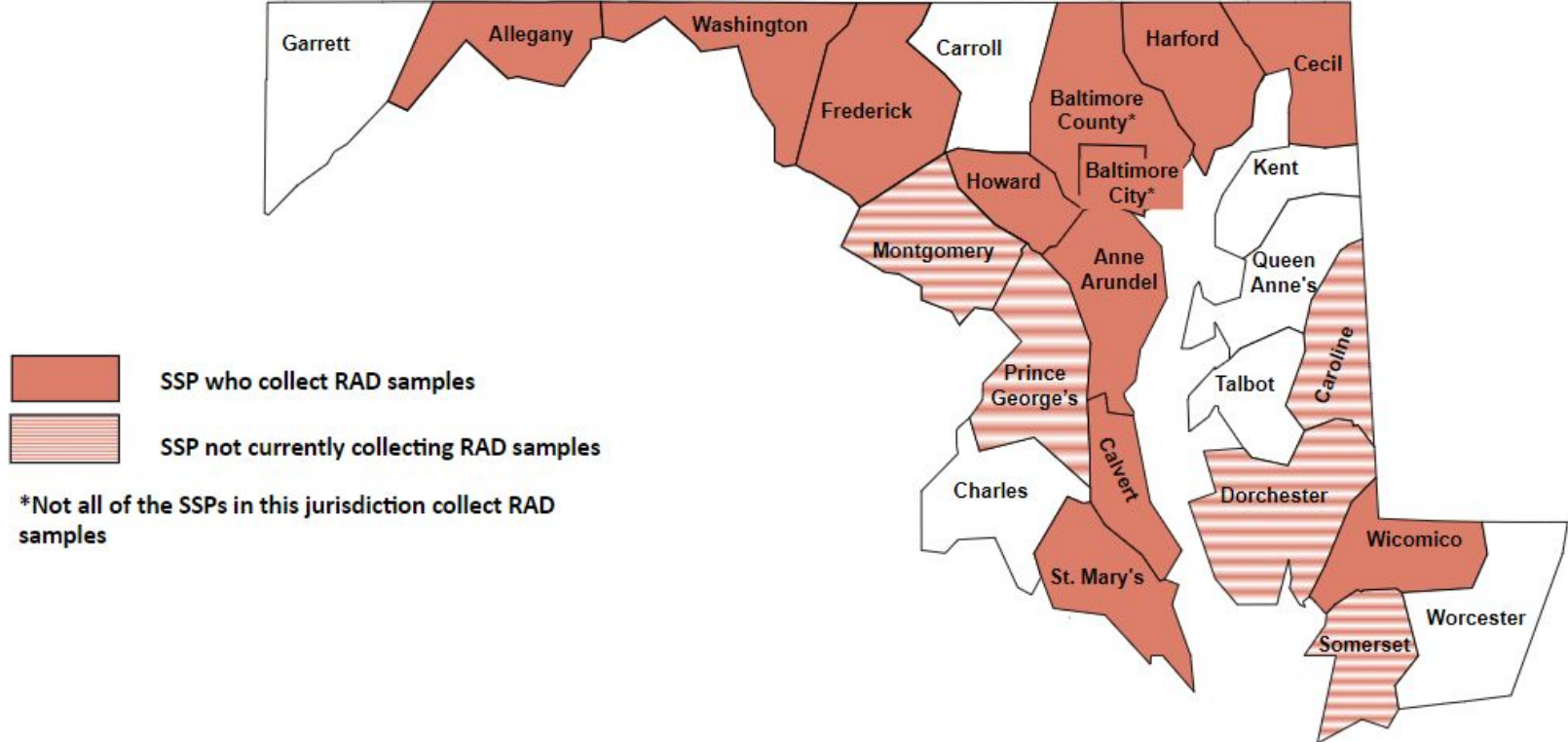
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Center for Harm Reduction Services (CHRS)

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Participating Syringe Service Programs



Samples Collected

- Sample Collection began in October 2021 and is continuing
- As of 2/29/2024 2,571 samples have been tested.
- 17 of the 25 SSPs in Maryland collect samples.
 - Covering 12 jurisdictions

New [RAD Report](#) Available!

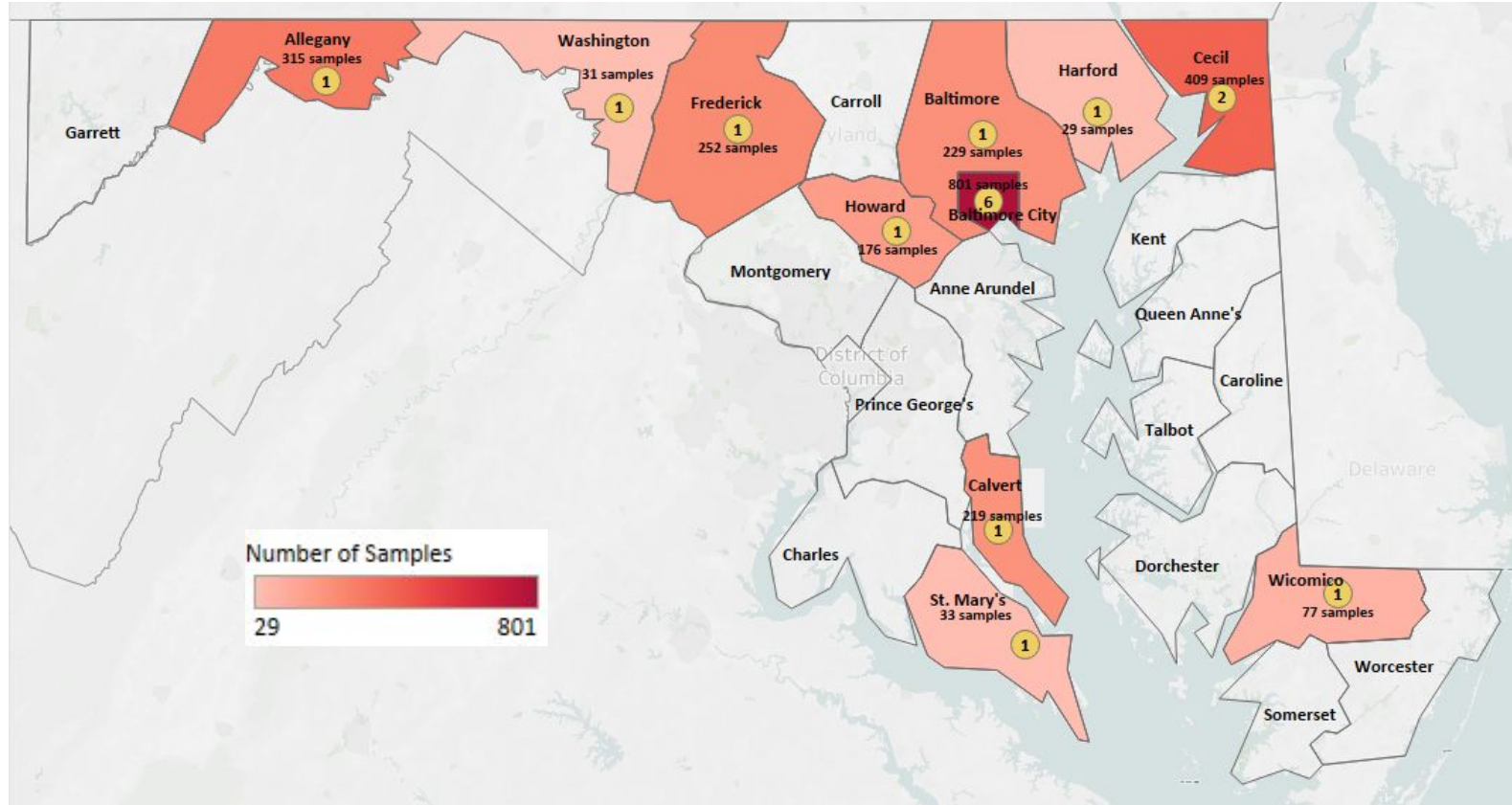
- Focuses on xylazine in Maryland from October 2021- October 2023.

RAD Data Disclaimers

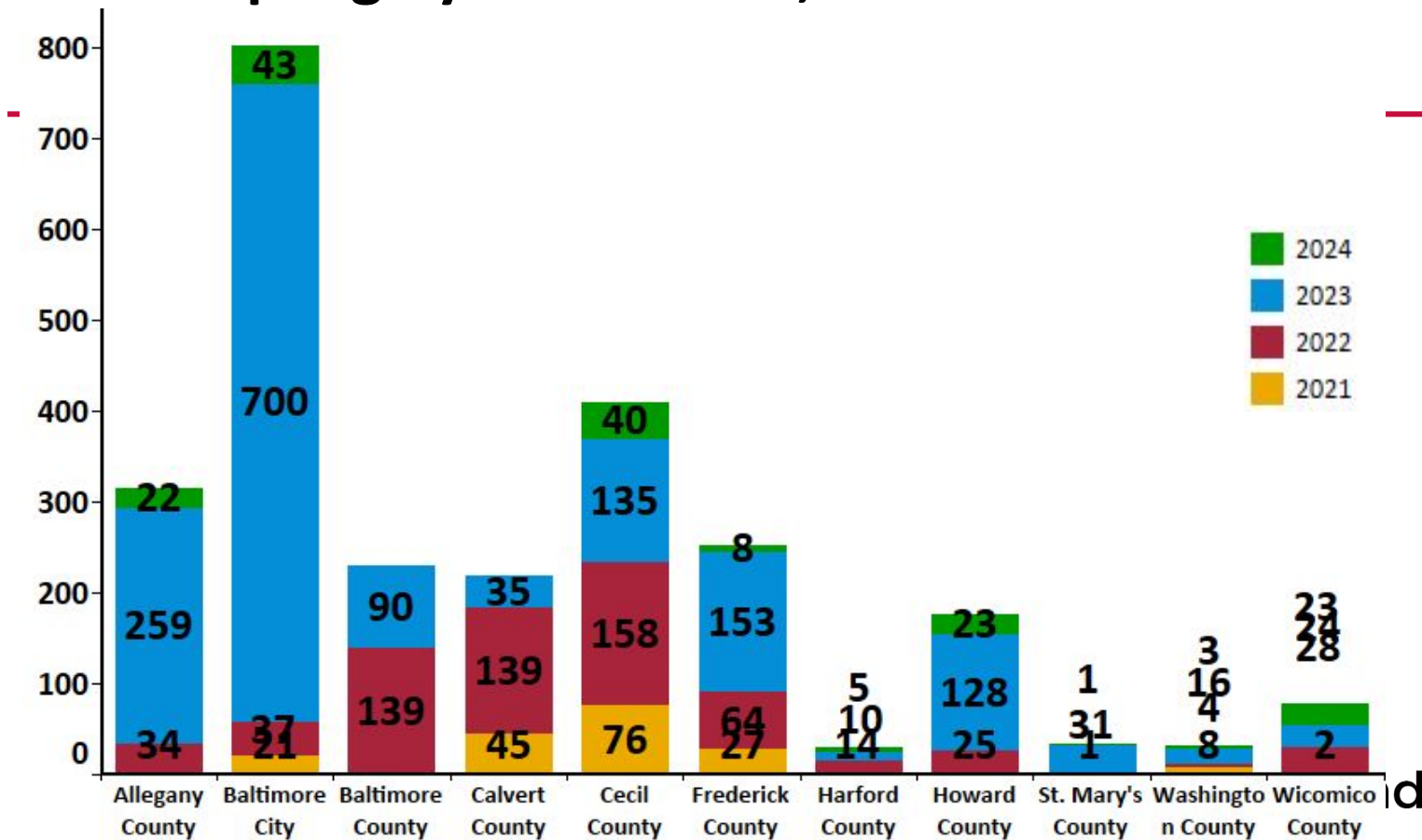
- Convenience Sampling -
 - RAD is a completely voluntary program that Maryland SSP participants can choose to engage in
 - Not all MD jurisdictions have an SSP that participate in RAD
- No personally identifiable data is collected, therefore we do not know how many participants are accounted for in the sample size

RAD gives us some indication of the near real time drug market in Maryland, but it should not be considered as fully representative.

RAD Sampling by Jurisdiction

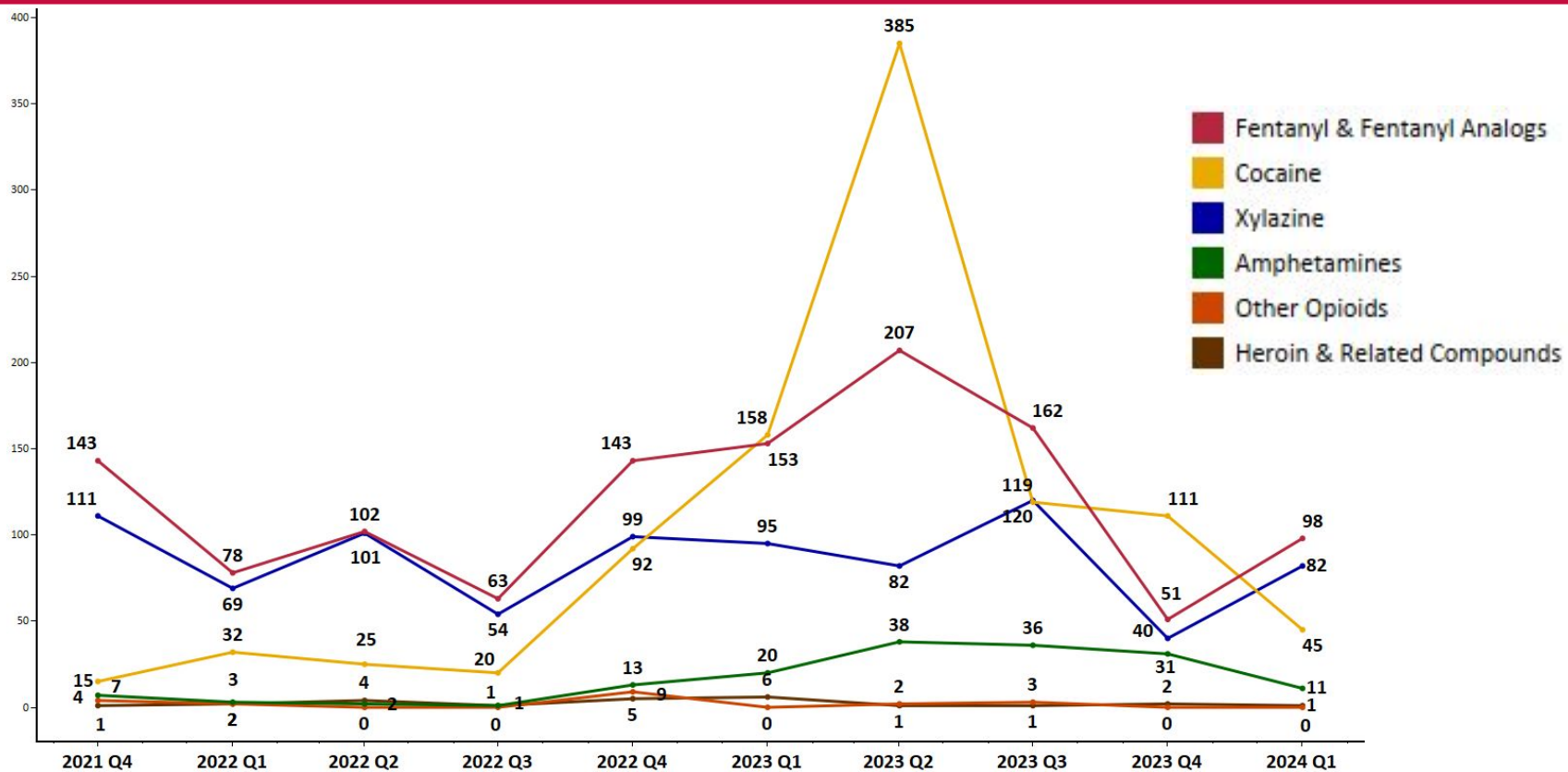


RAD Sampling by Jurisdiction, OCT 2021- March 2024



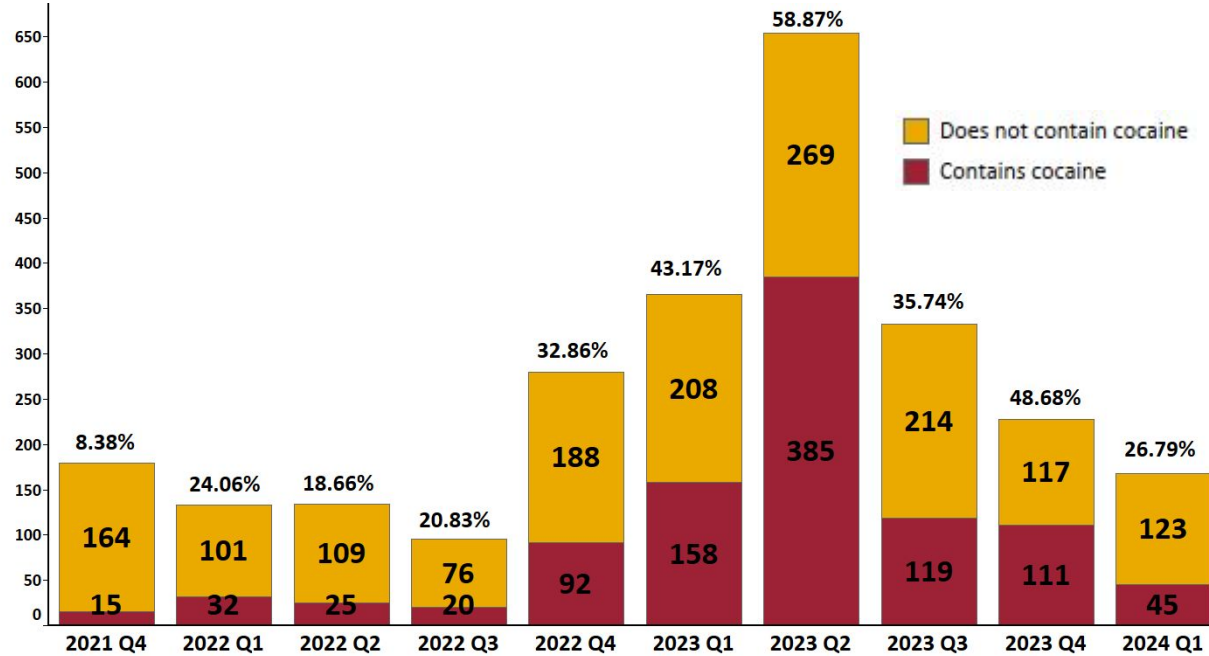
Note: Data is preliminary and subject to change.

RAD Compounds, OCT 2021- March 2024



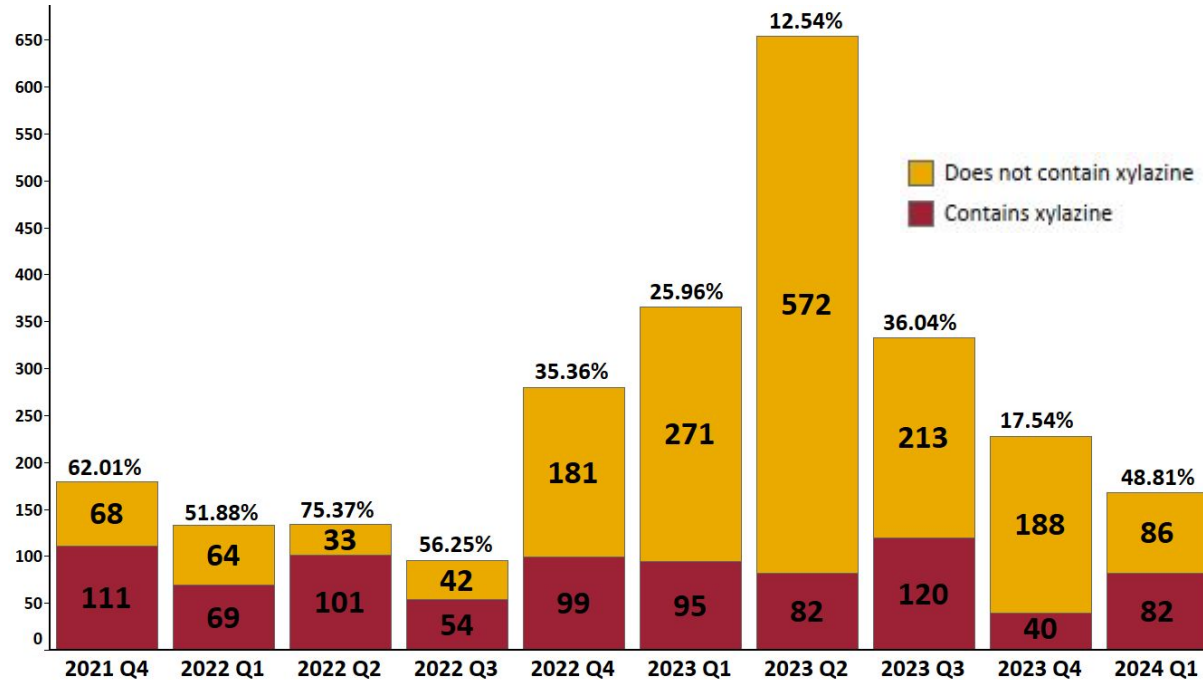
Samples Containing Cocaine

- 38.4% of samples tested contained cocaine.
- In CY24 Q1 (January - February) there were a total of 45 samples that contained cocaine.
- 21.9% decrease from the previous quarter (CY23 Q4)
- 16.4% decrease in samples containing cocaine from same time last year (CY23 Q1)



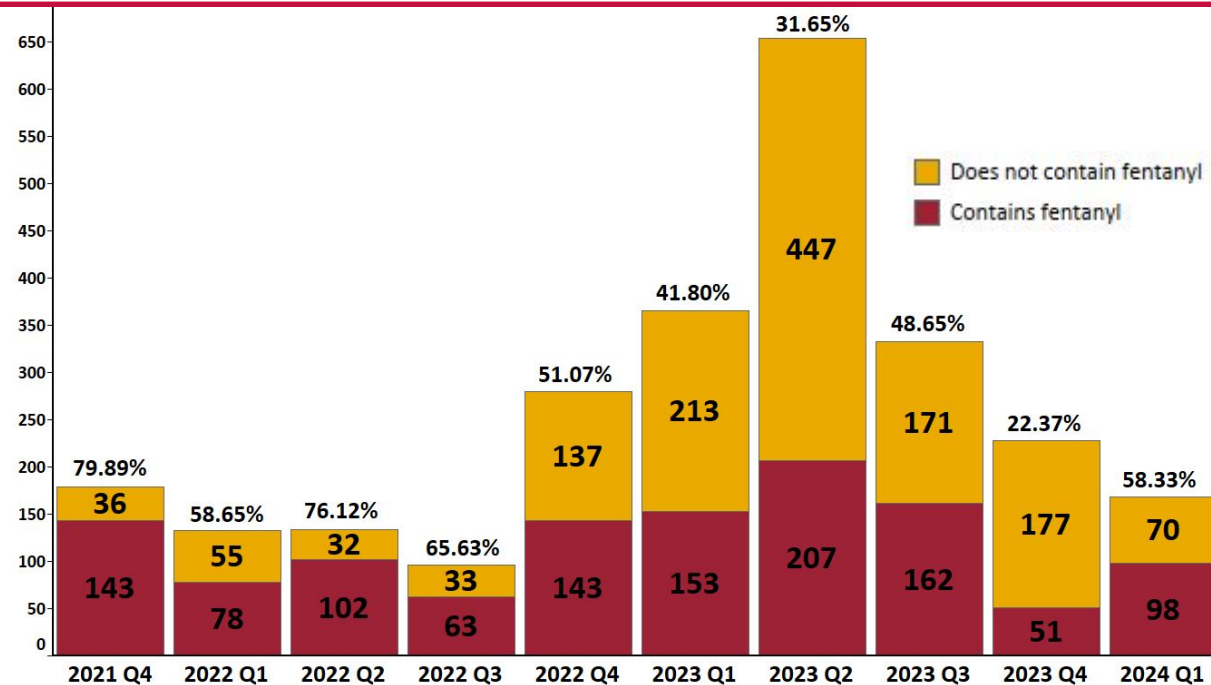
Samples Containing Xylazine

- 32.7% of samples tested contained Xylazine.
- In CY24 Q1 (January - February) there were a total of 82 samples that contained Xylazine.
- 31.3% increase from the previous quarter (CY23 Q4)
- 22.7% increase in samples containing xylazine from same time last year (CY23 Q1)



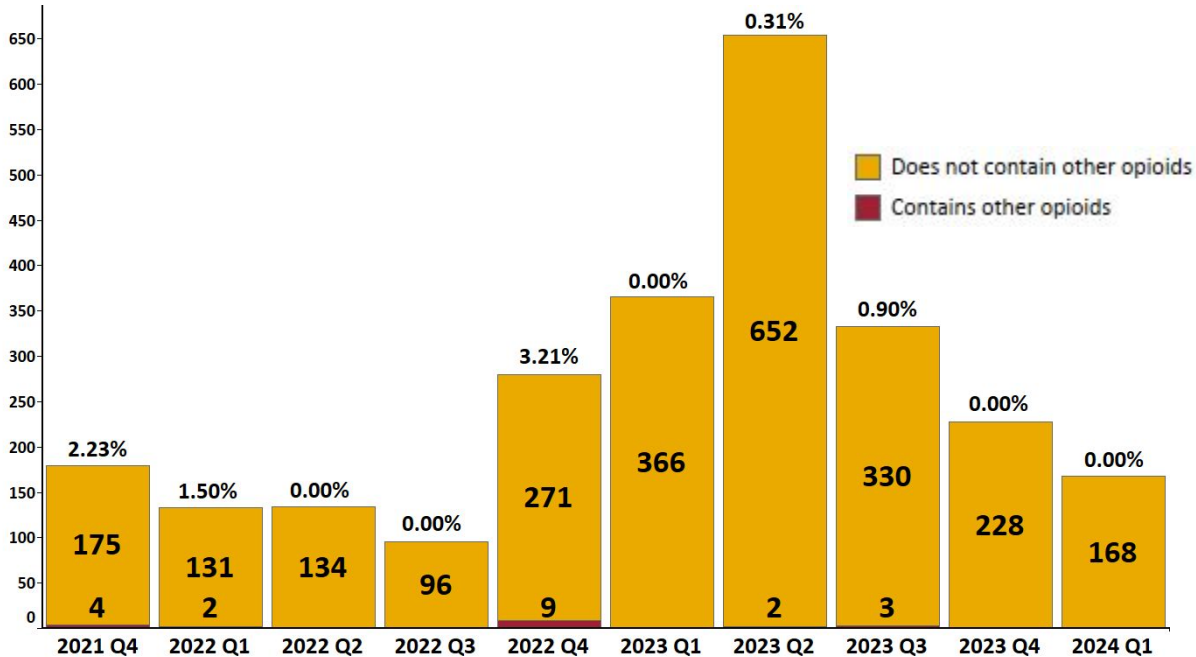
Samples Containing Fentanyl & Fentanyl Analogs

- 46% of samples tested contained fentanyl.
- In CY24 Q1 (January - March) there were a total of 98 samples that contained fentanyl.
- 36% increase from the previous quarter (CY23 Q4)
- 16.5% increase in samples containing fentanyl from same time last year (CY23 Q1)



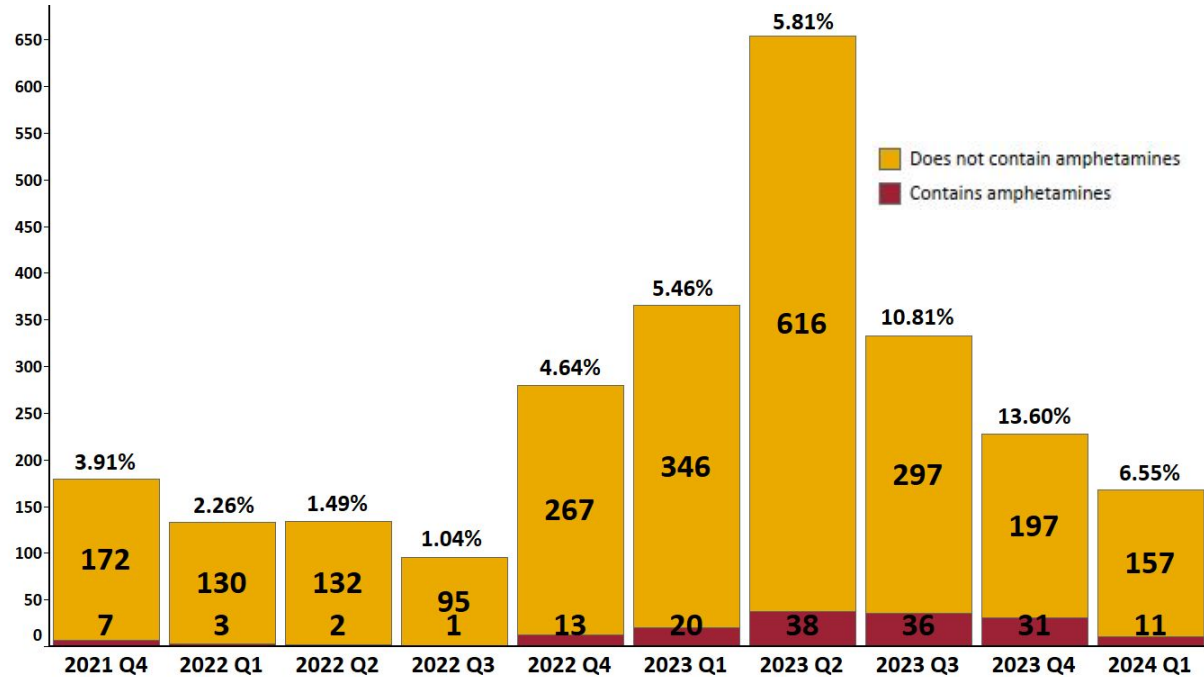
Samples Containing Other Opioids

- 0.8% of samples tested contained other opioids.
- In CY24 Q1 (January - March) there were no samples that contained other opioids.



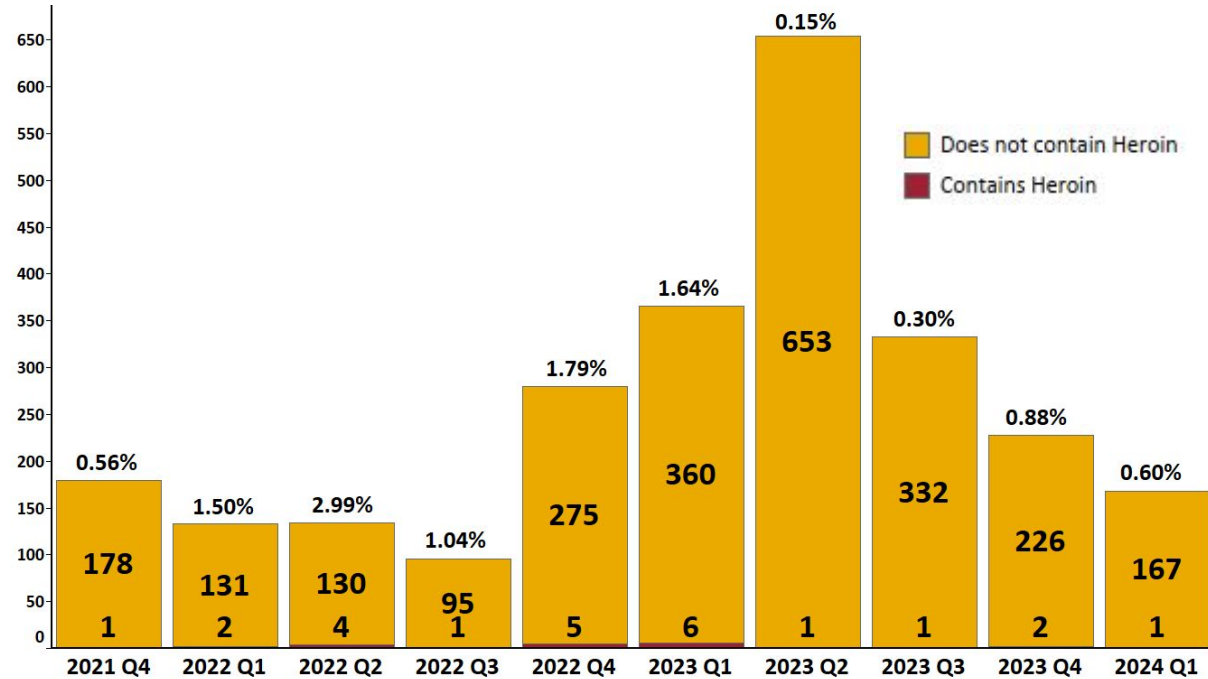
Samples Containing Amphetamines

- 6.2% of samples tested contained amphetamines.
- In CY24 Q1 (January - March) there were a total of 11 samples that contained Amphetamines.
- 7.1% decrease from the previous quarter (CY23 Q4)
- 1.1% increase in samples containing amphetamines from same time last year (CY23 Q1)



Samples Containing Heroin & Related Compounds

- 0.9% of samples tested contained heroin.
- In CY24 Q1 (January - March) there were a total of 1 sample that contained heroin.
- 0.3% decrease from the previous quarter (CY23 Q4)
- 1% decrease in samples containing heroin from same time last year (CY23 Q1)



Question?

Contact Us

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RAD Resources

[Website](#)

[1-Pager](#)

[MMWR](#)

[Report Volume 1](#)