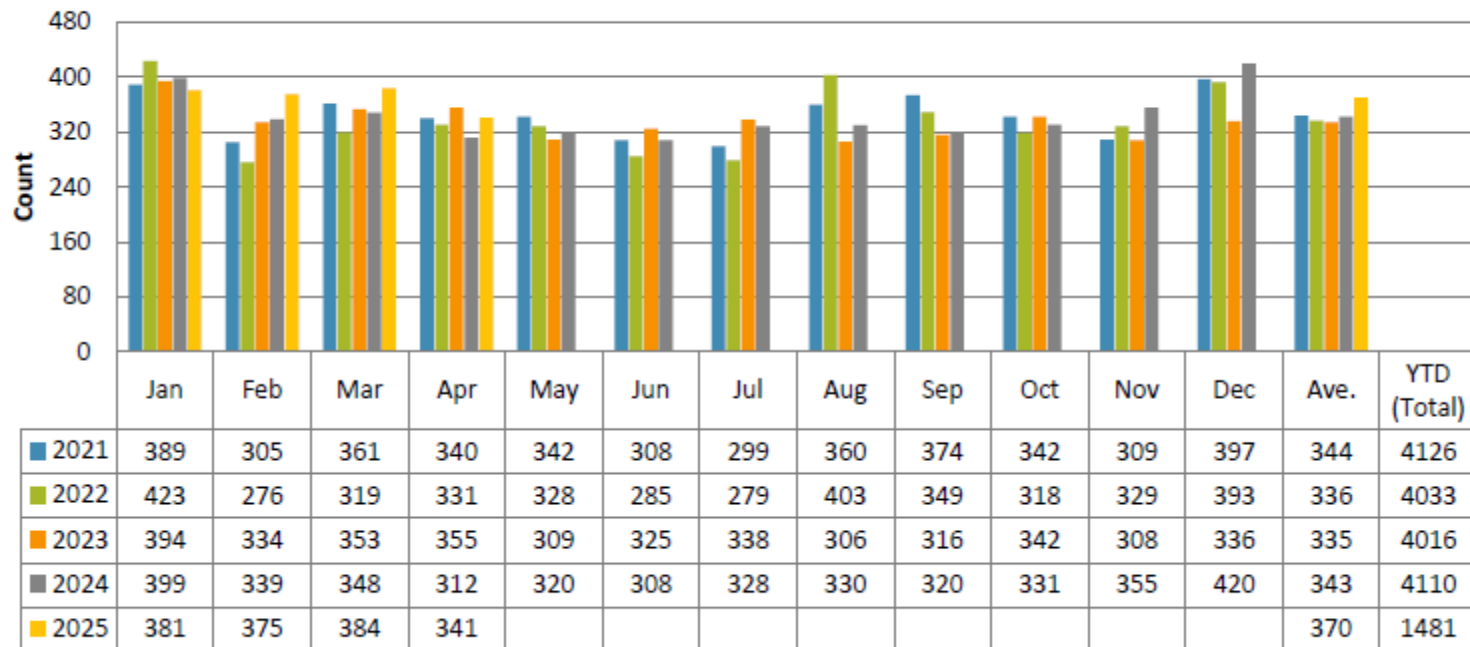


SEDGWICK COUNTY REGIONAL FORENSIC SCIENCE CENTER  
Wichita, Kansas

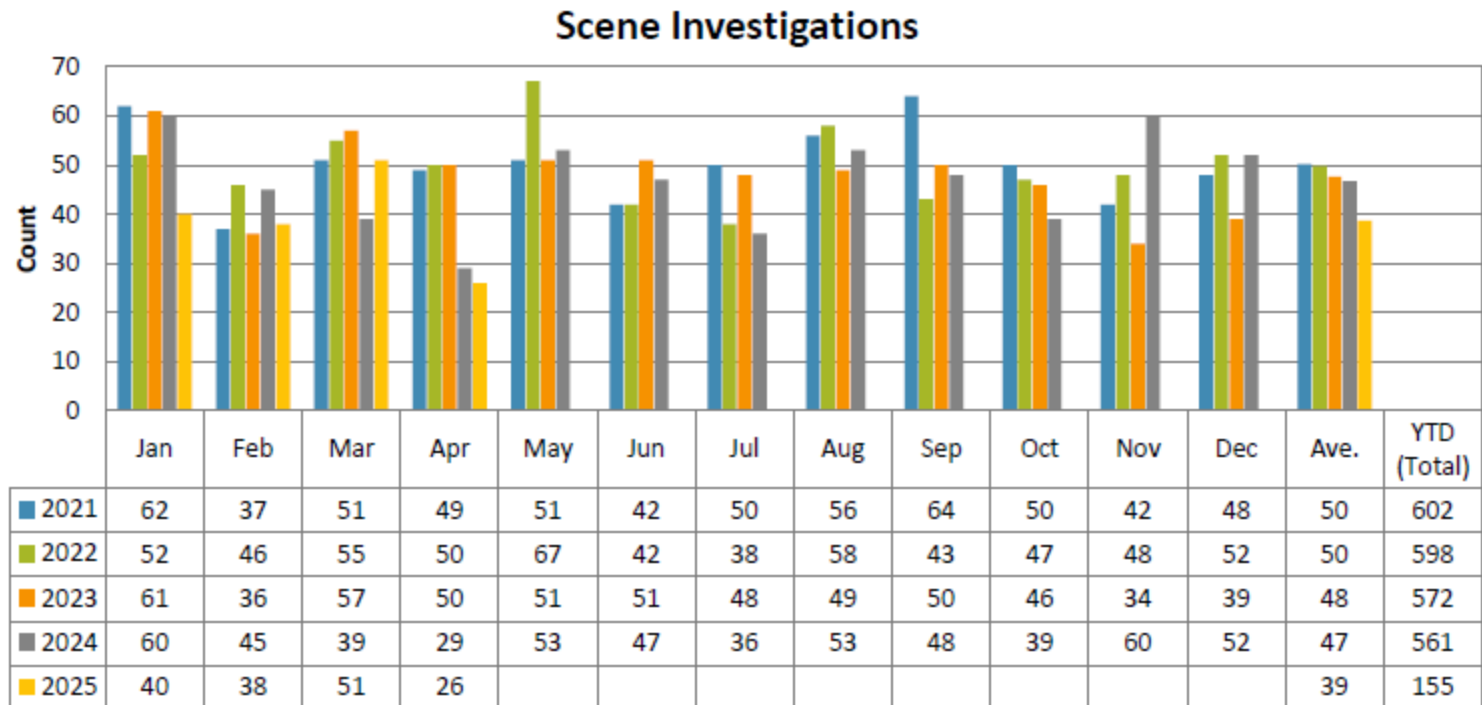
**ADVISORY BOARD QUARTERLY  
REPORT  
May 15, 2025**

# Medical Investigations

Reported Deaths

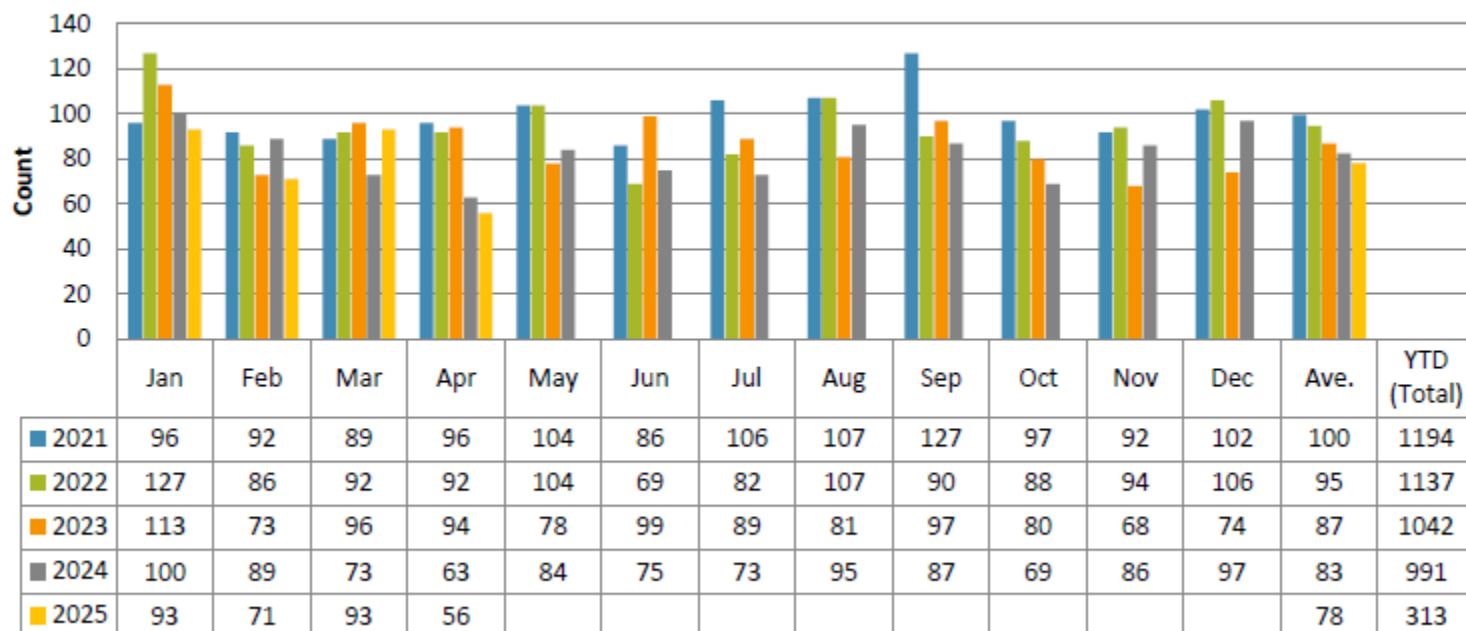


# Medical Investigations

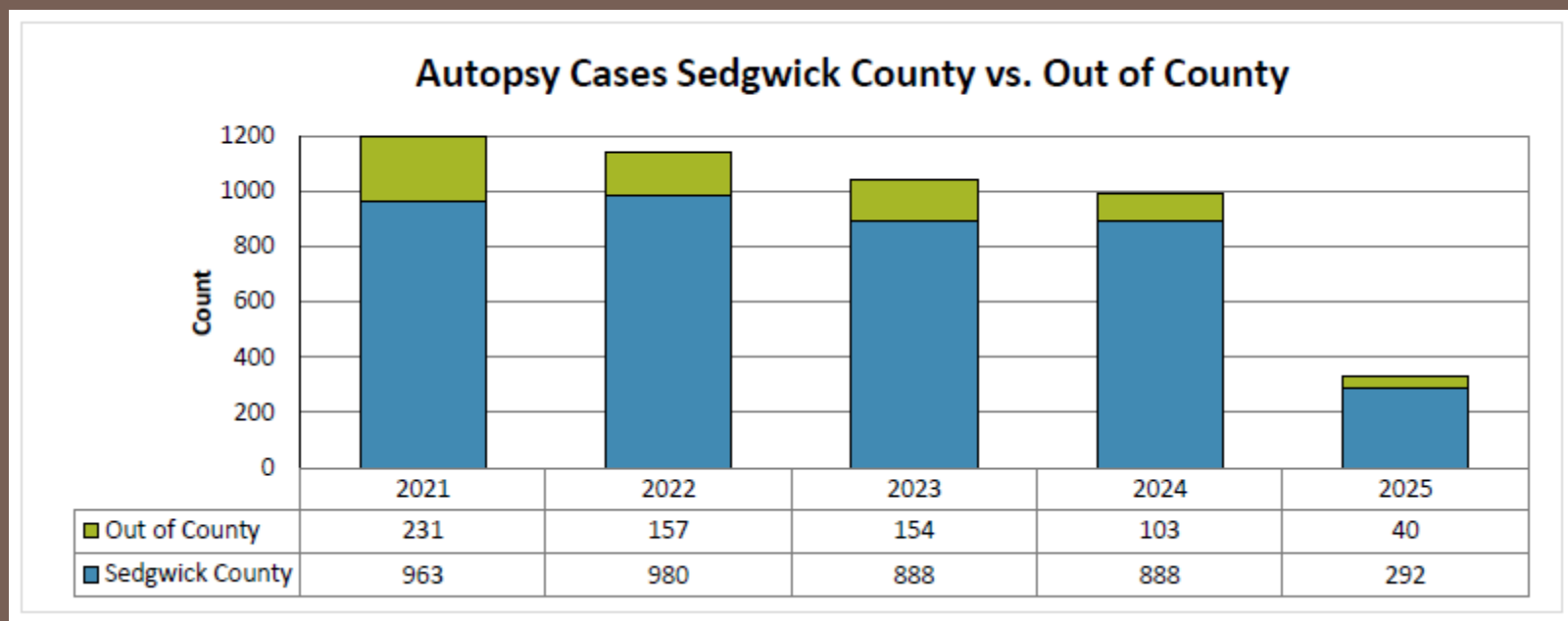


# Pathology

Autopsy Cases Received by Death Reported Year



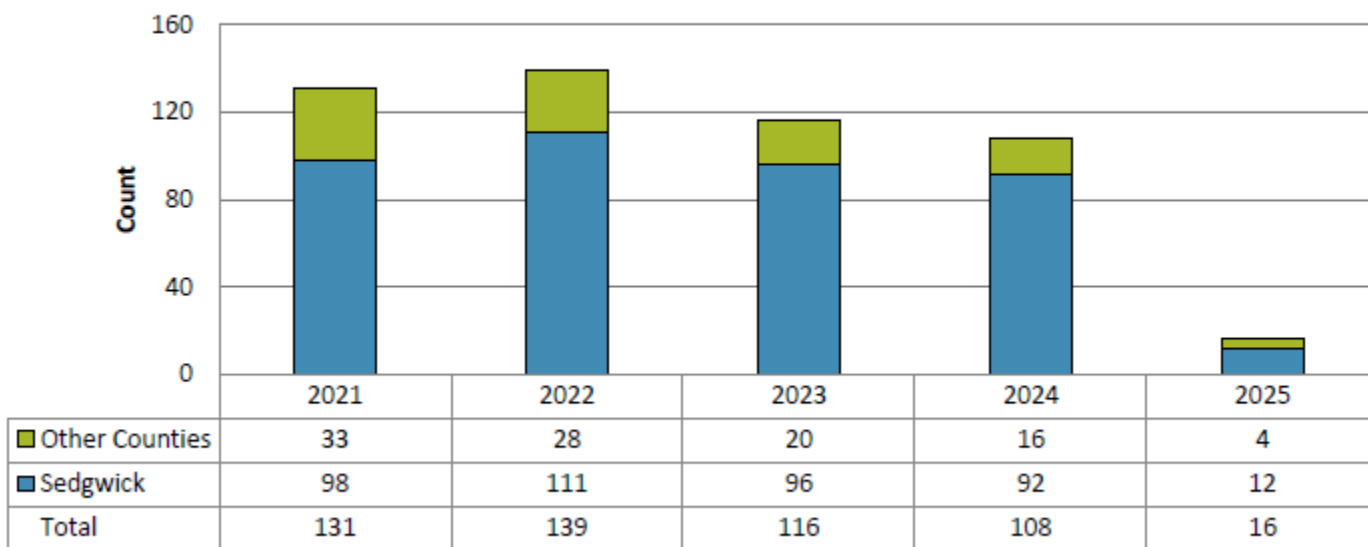
# Pathology



2021 = 19% 2022 = 14% 2023 = 15% 2024 = 10%

# Pathology

Count of Suicides by Examination Year



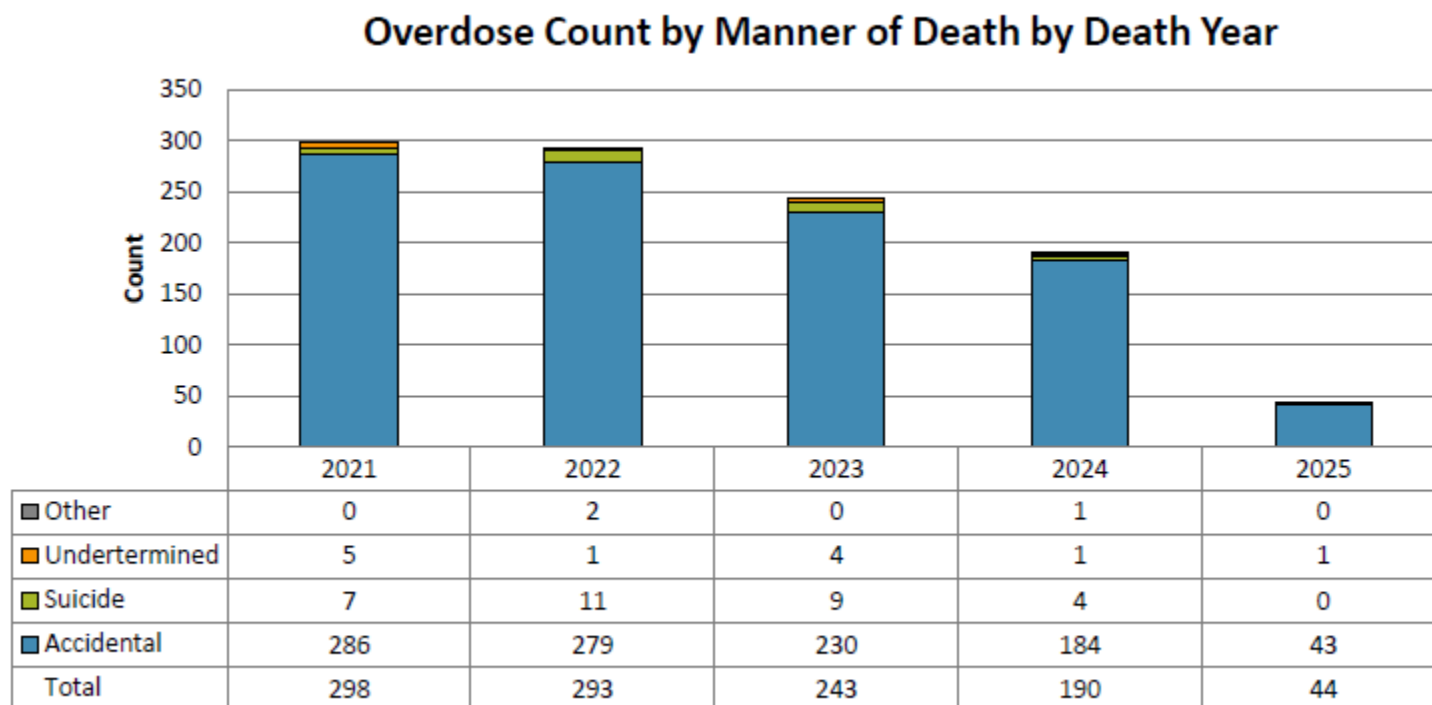
11%

12%

11%

11%

# Pathology



2020 = 18%

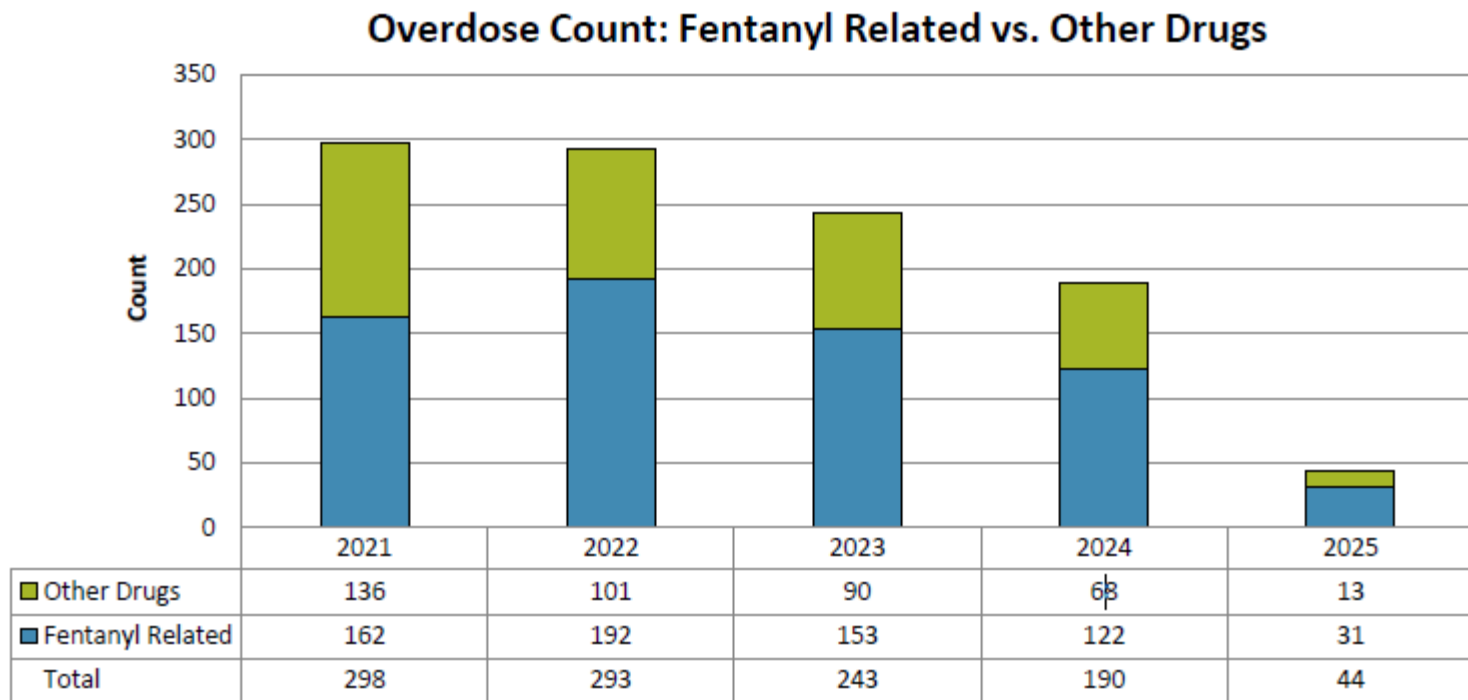
25%

27%

23%

19%

# Pathology



2020 = 46%

54%

66%

63%

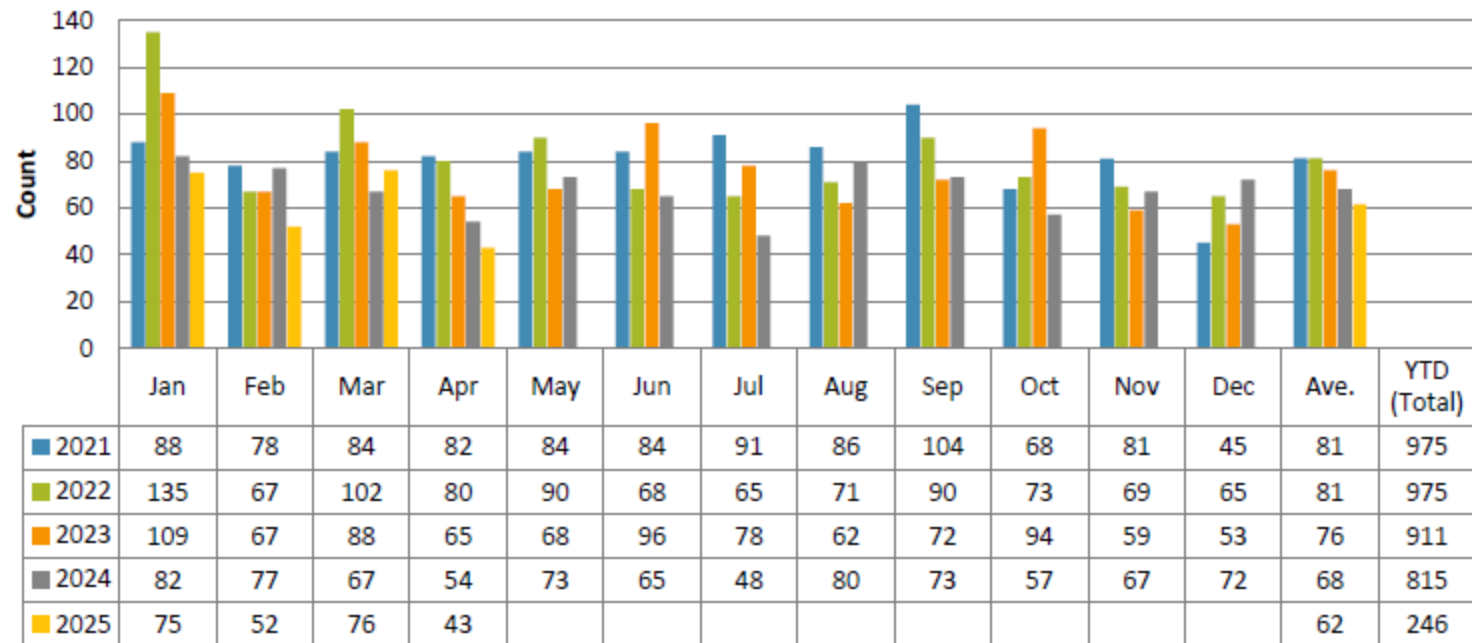
64%





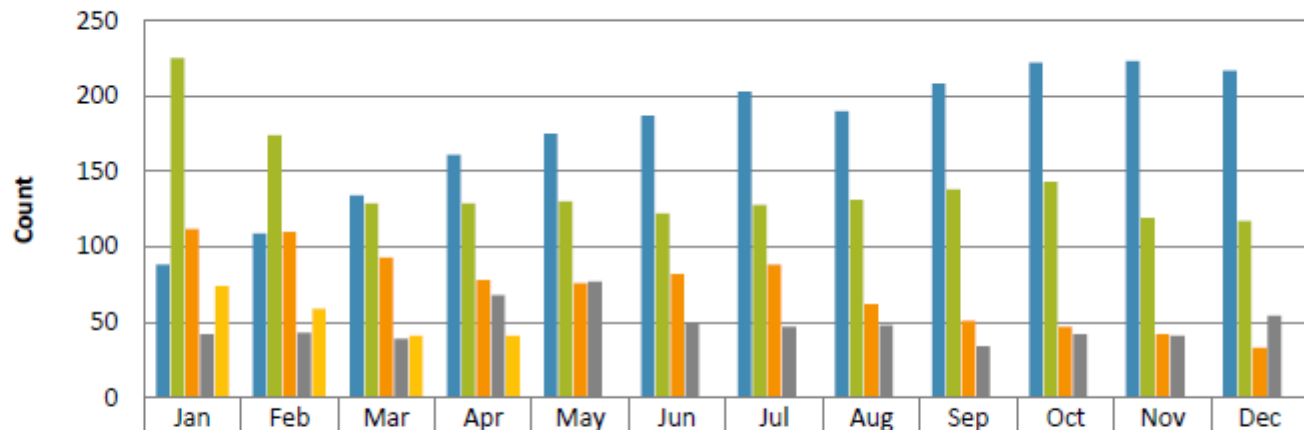
# Toxicology

Newly Submitted PM Toxicology Cases



# Toxicology

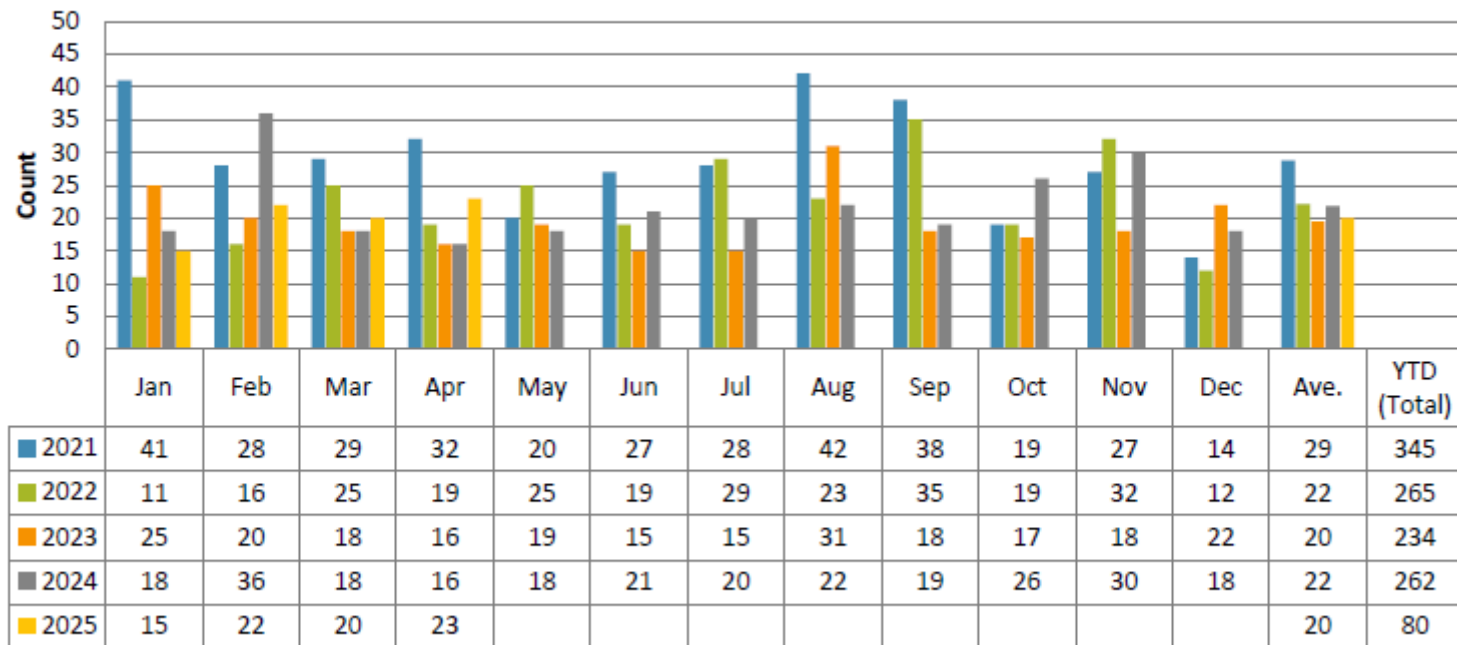
HPT Toxicology Backlog (> 60 Days)



DUI/DUID/Misc ('21)	88	109	134	161	175	187	203	190	208	222	223	217
DUI/DUID/Misc ('22)	225	174	129	129	130	122	128	131	138	143	119	117
DUI/DUID/Misc ('23)	112	110	93	78	76	82	88	62	51	47	42	33
DUI/DUID/Misc ('24)	42	43	39	68	77	50	47	48	34	42	41	54
DUI/DUID/Misc ('25)	74	59	41	41								

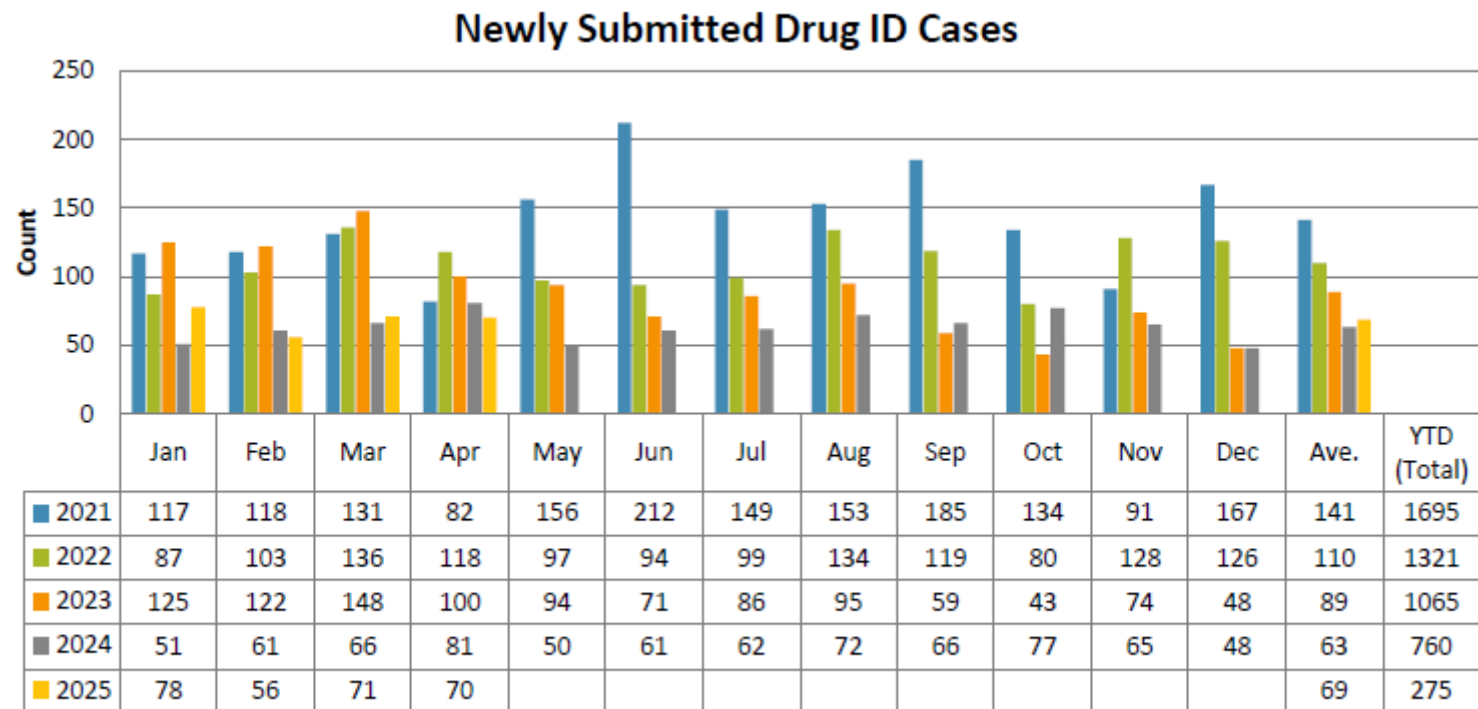
# Toxicology

## Newly Submitted HPT Toxicology Cases

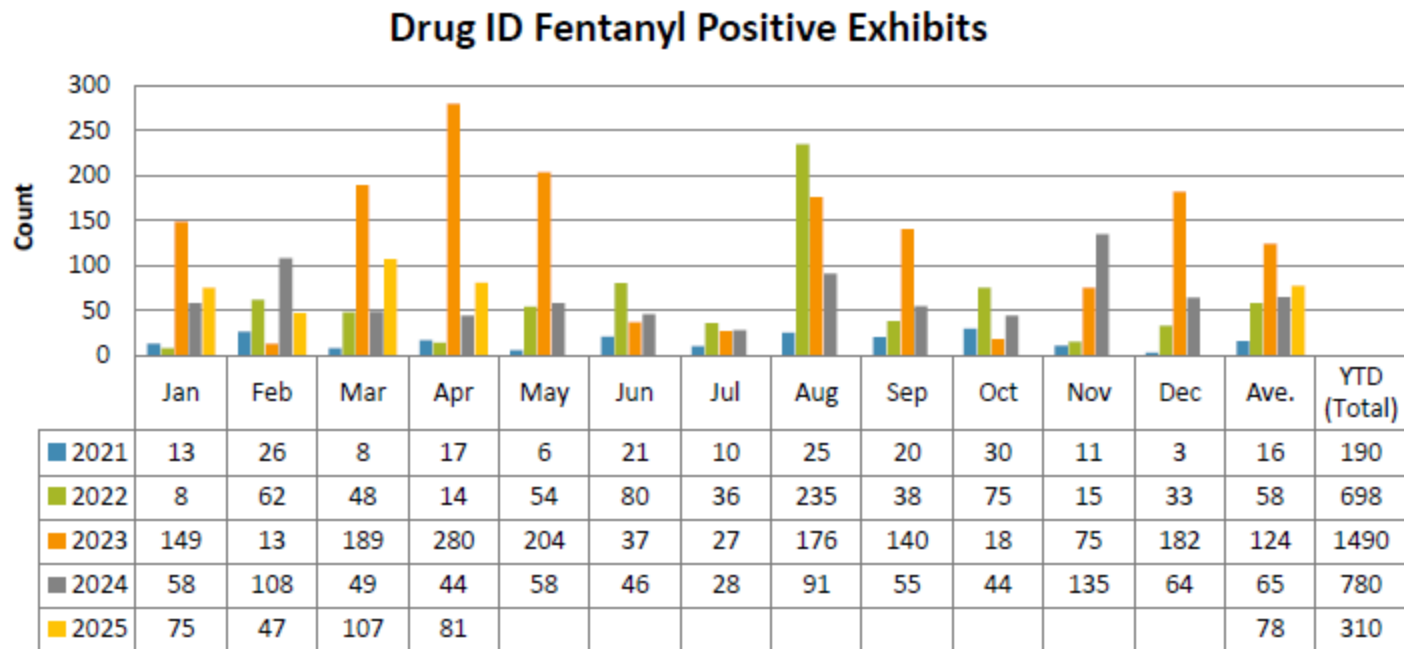




# Drug Identification



# Drug Identification

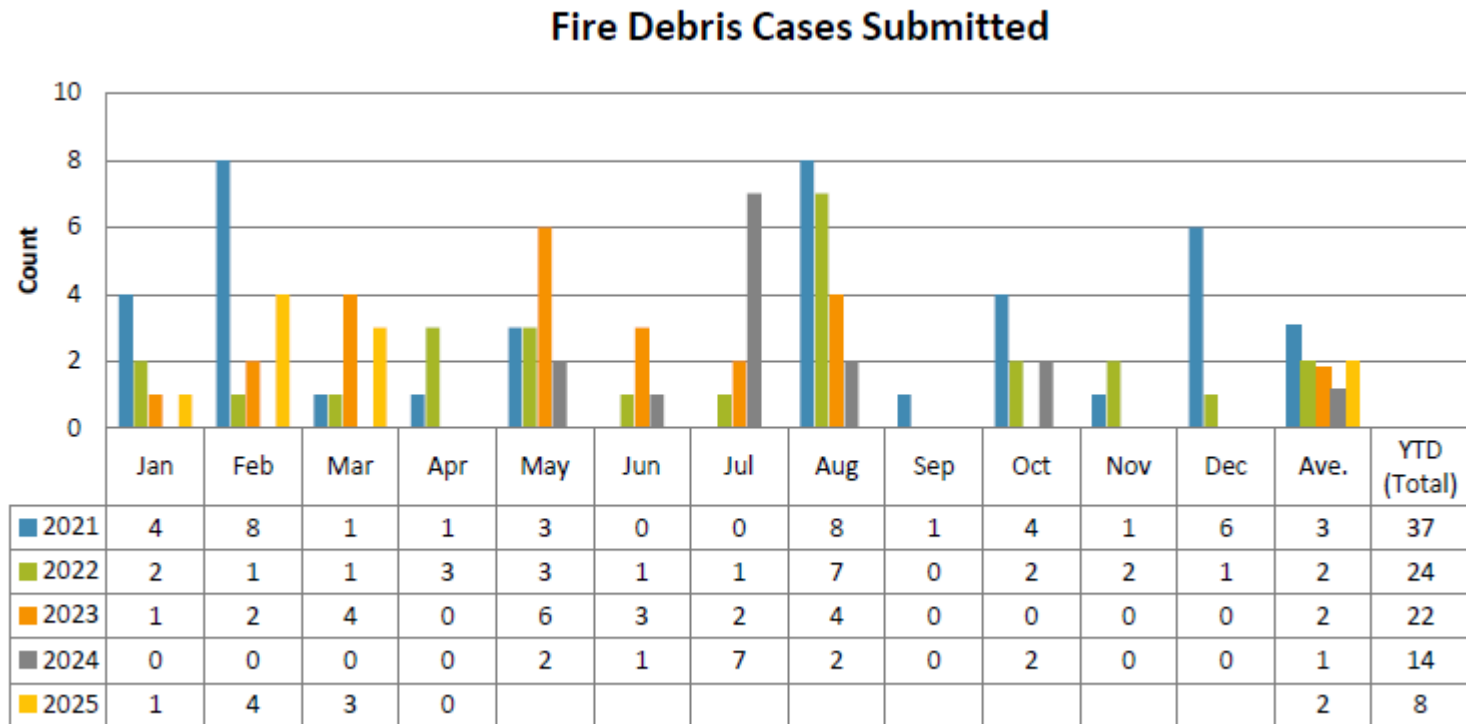


2023 increased 684% from 2021



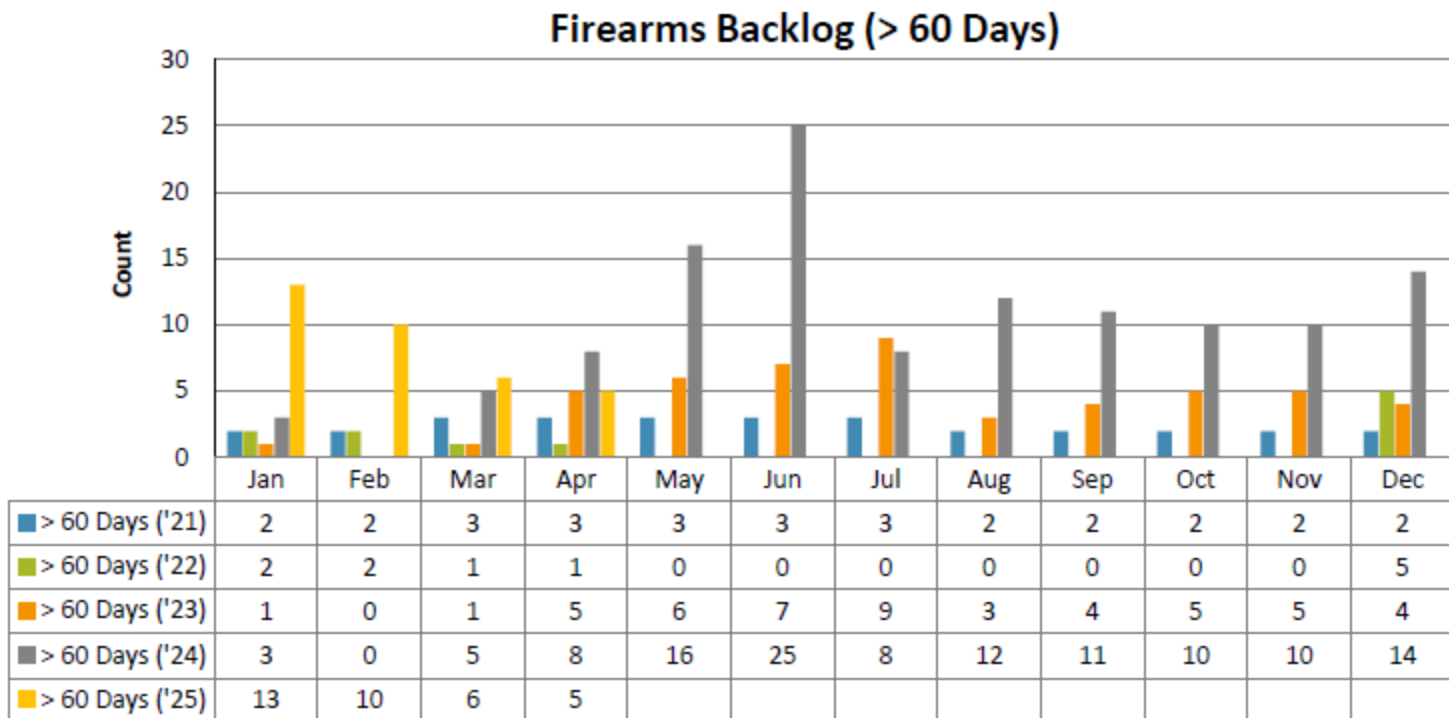


# Fire Debris



Ten (10) cases were received May-July while analysts were in training; training was completed in 2024 and testing is currently underway.

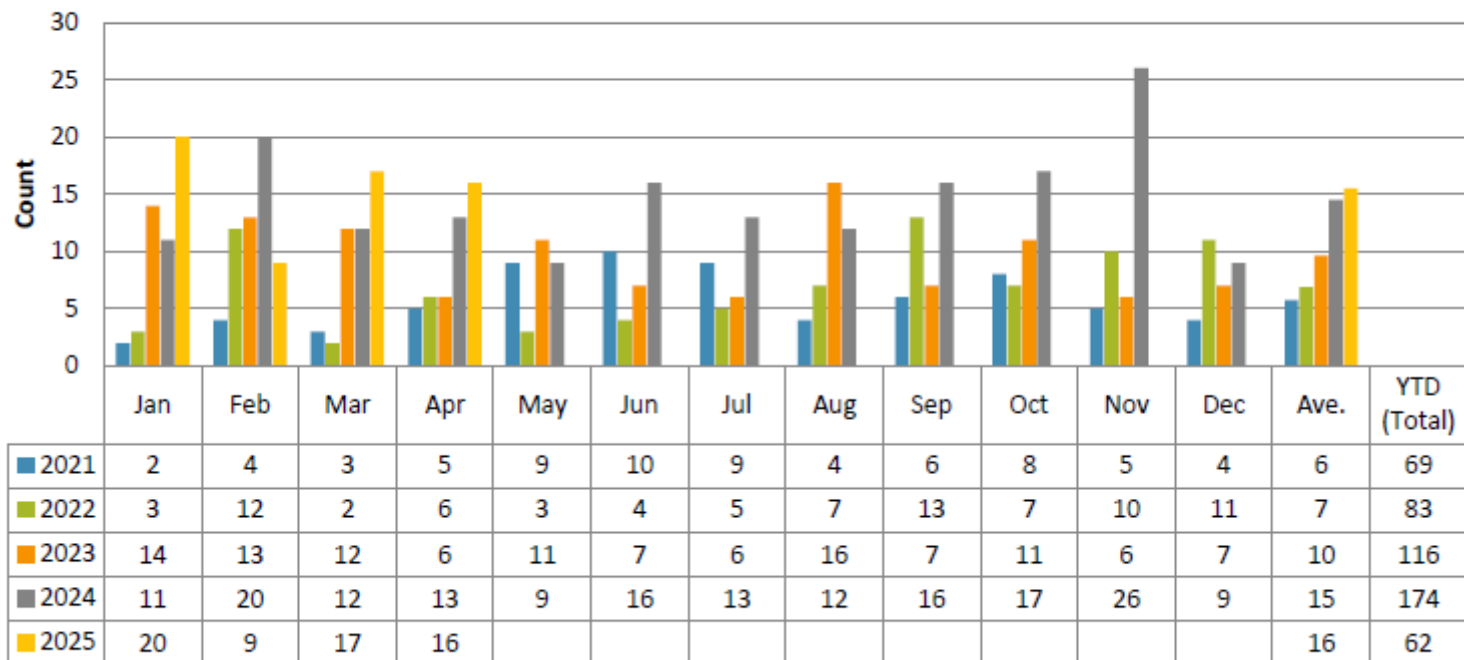
# Firearms



Backlogged cases May-August 2024 were awaiting review by a secondary laboratory since RFSC had one fully trained examiner.

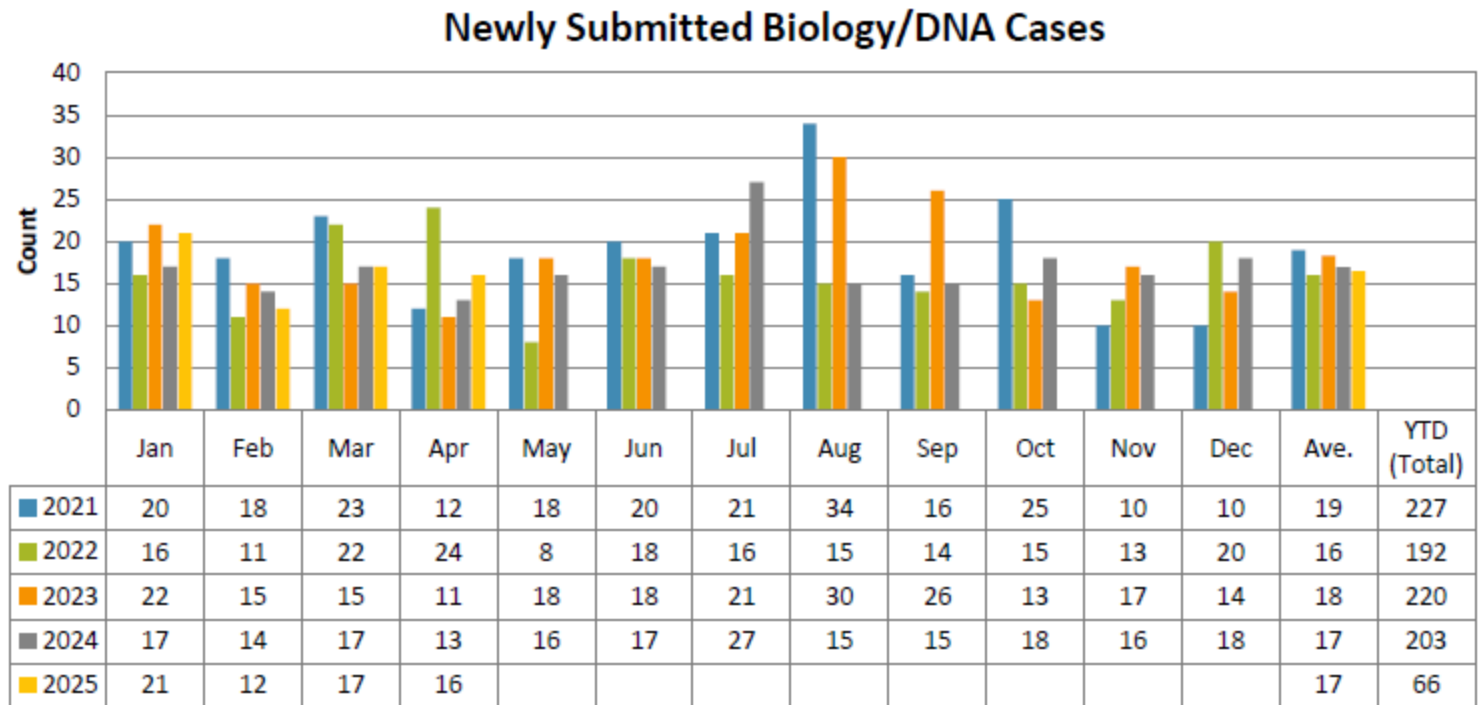
# Firearms

## All Firearms Case Submissions





# Biology / DNA



# Summary

## Quarterly Summary:

- Number of deaths reported remaining stable, number of Coroner cases down slightly
- Both LC-MS/MS instrument validations continuing and exhausted Coverdell funded outsourcing in Tox.
- Completed an RFP for QTOF instrument (Tox), expect installation in approximately 1 year.
- CIP space study and cost estimate complete. Legacy renovations submitted to facilities.
- Staffing has remained fairly stable.

# Summary

## Quarterly Summary OD2A:

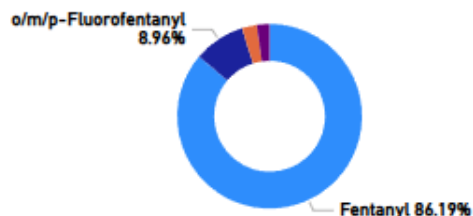
- OD2A funded position is testing drugs and paraphernalia from scenes as well as other illicit drug casework.
- Medical Investigations have collected drugs and/or paraphernalia at 138 scenes since starting project December 1, 2023.
- Drug paraphernalia testing is caught up (822 items).
- Began data sharing with CDC as pilot for developing data coding processes. Now all participants are sharing data.
- Starting to track results by matrix.
- Hoping to report drugs with co-occurrence.

# Summary

Substance Identified	Number of Substances
Methamphetamine	339
Fentanyl	231
4-ANPP/ANPP	186
No Controlled Substances	176
Cocaine	110
Amphetamine	61
BTMPS	58
THC (Delta 9)	53
o/m/p-Fluorofentanyl	24
Xylazine	20
Heroin	10
ADB-BUTINACA	8
MDMB-en-PINACA	7
B/2'/3'/4'-Methyl acetyl fentanyl	7
Carfentanil	6
Total	1351

Click For Details

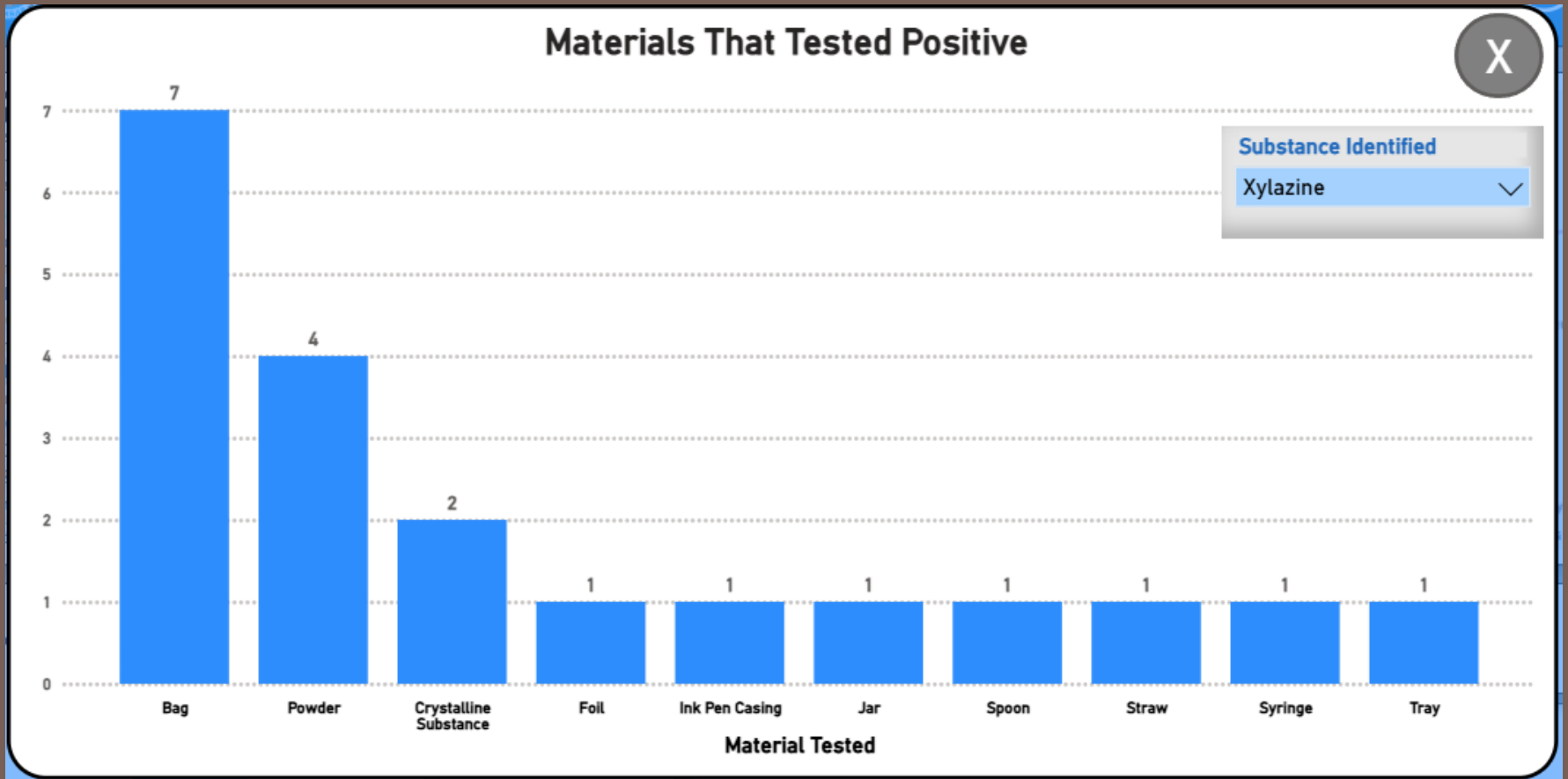
Overview of Fentanyl Detected in OD2A Items Tested



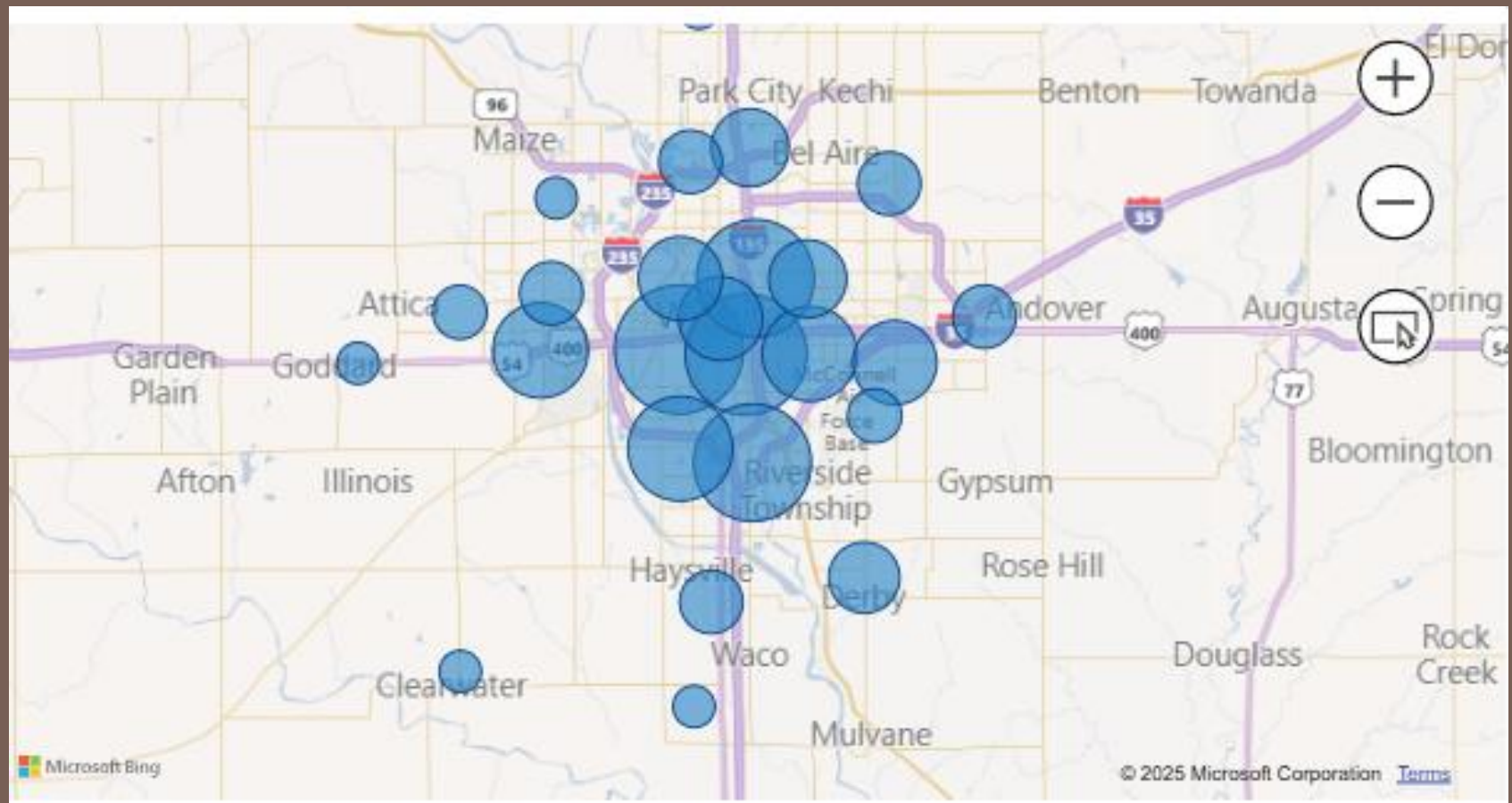
**Note:**  
The Number of Substances is larger than the Number of Items Confirmed because often times examined items are mixtures with more than one substance detected.



# Summary



# Summary



# Summary

## 2024 Grants:

- Coverdell Formula (\$99,900) → award ending
- Coverdell Formula (\$78,619) → award notice received
- CEBR (\$294,461) → program underway
- JAG (\$39,721) → program underway
- OD2A Local (\$250,000) → carry-over spending underway

## New or Renewed in 2025

- OD2A Local (\$250,000) → program underway
- KDHE OD2A (\$64,158) → renewed agreement executed

# Summary

## 2025 Budget

- No decision package presented this year
- Asked for some additional funding for chemistry instrument maintenance

## CIP requests

- DNA Addition – proposed moving additional disciplines to a second site in close proximity to central building, renovation of central building for pathology and toxicology

# Discussion

Questions?

Please submit to [Shelly.Steadman@sedgwick.gov](mailto:Shelly.Steadman@sedgwick.gov)

# Forensic Science Center



Mission: The Forensic Science Center strives to provide the highest quality medicolegal and advanced forensic laboratory services to Sedgwick County. Death Investigation and Forensic Autopsy services are conducted in a compassionate and objective manner to achieve accurate certification of cause and manner of death. The Forensic Laboratory services provide unbiased and accurate analytical testing to support the resolution of criminal cases. As an independent agency operating under the Division of Public Safety, the Forensic Science Center collaborates with public health and criminal justice stakeholders to reduce crime and prevent deaths.