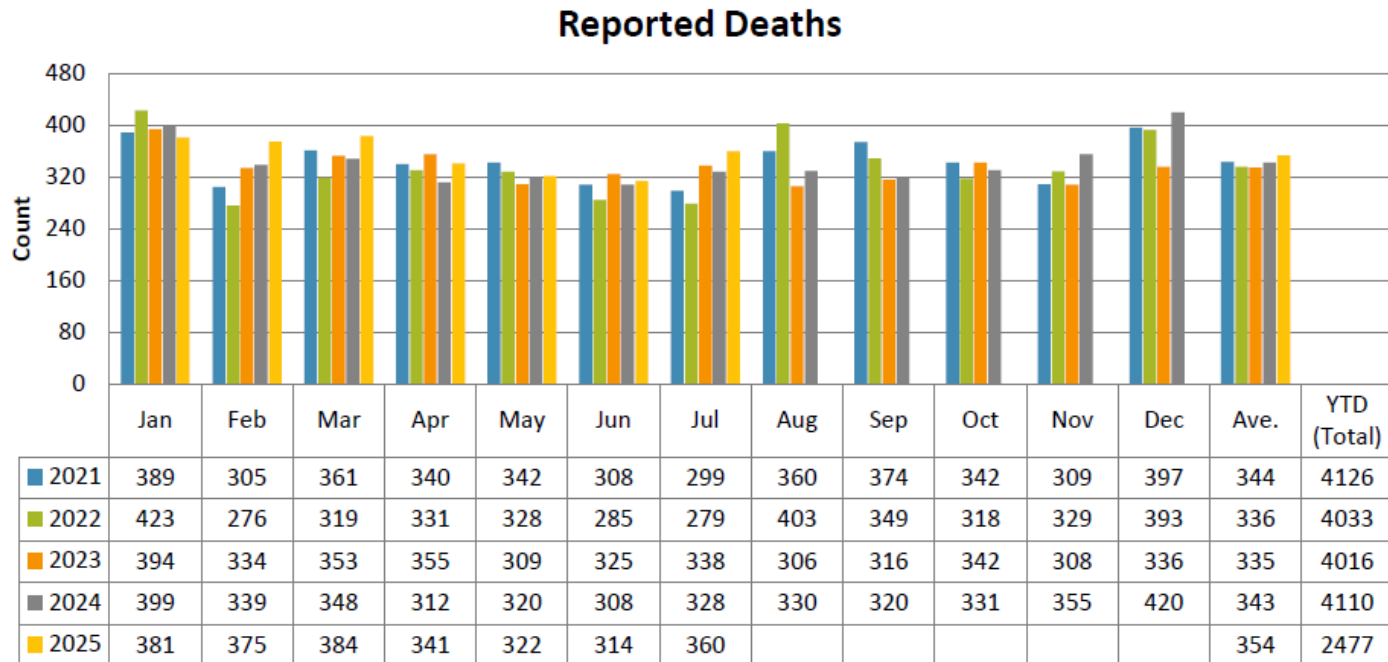


SEDGWICK COUNTY REGIONAL FORENSIC SCIENCE CENTER
Wichita, Kansas

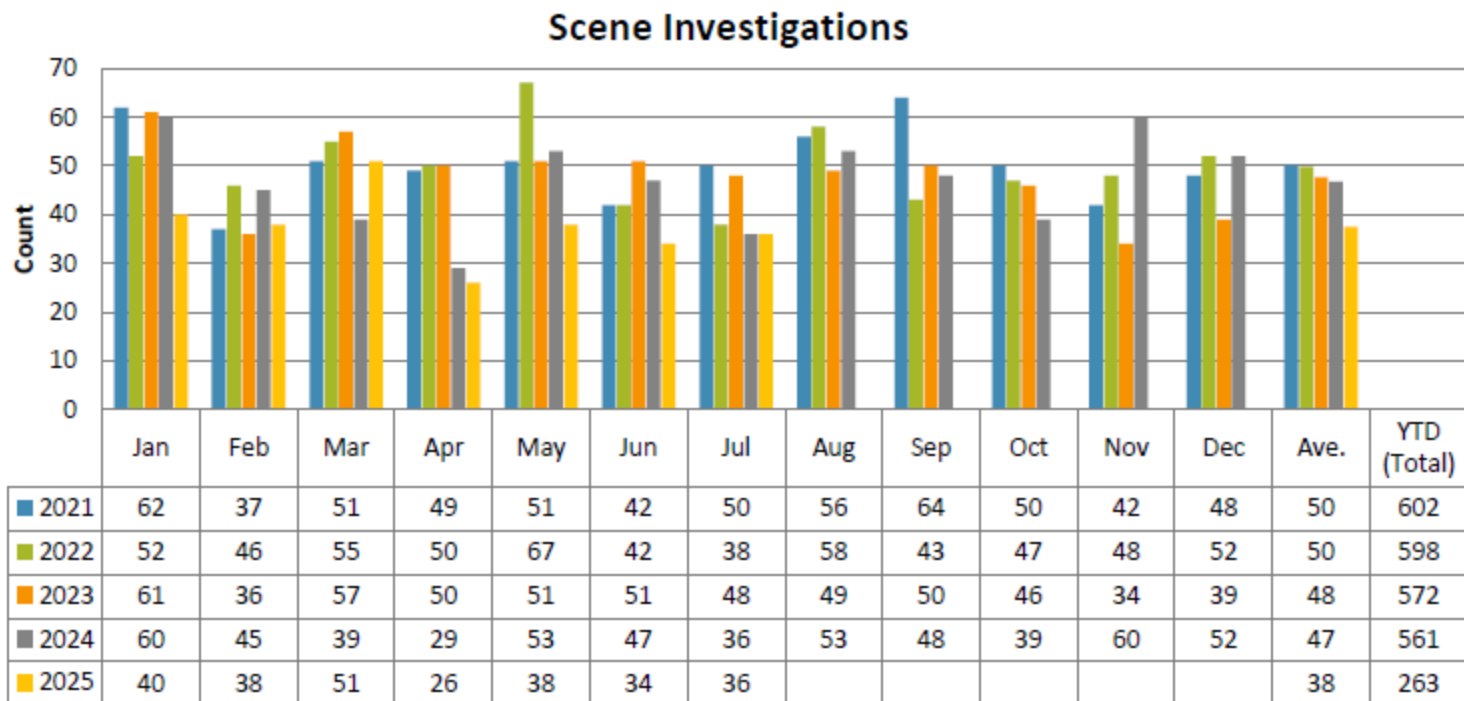
ADVISORY BOARD QUARTERLY REPORT

August 21, 2025

Medical Investigations

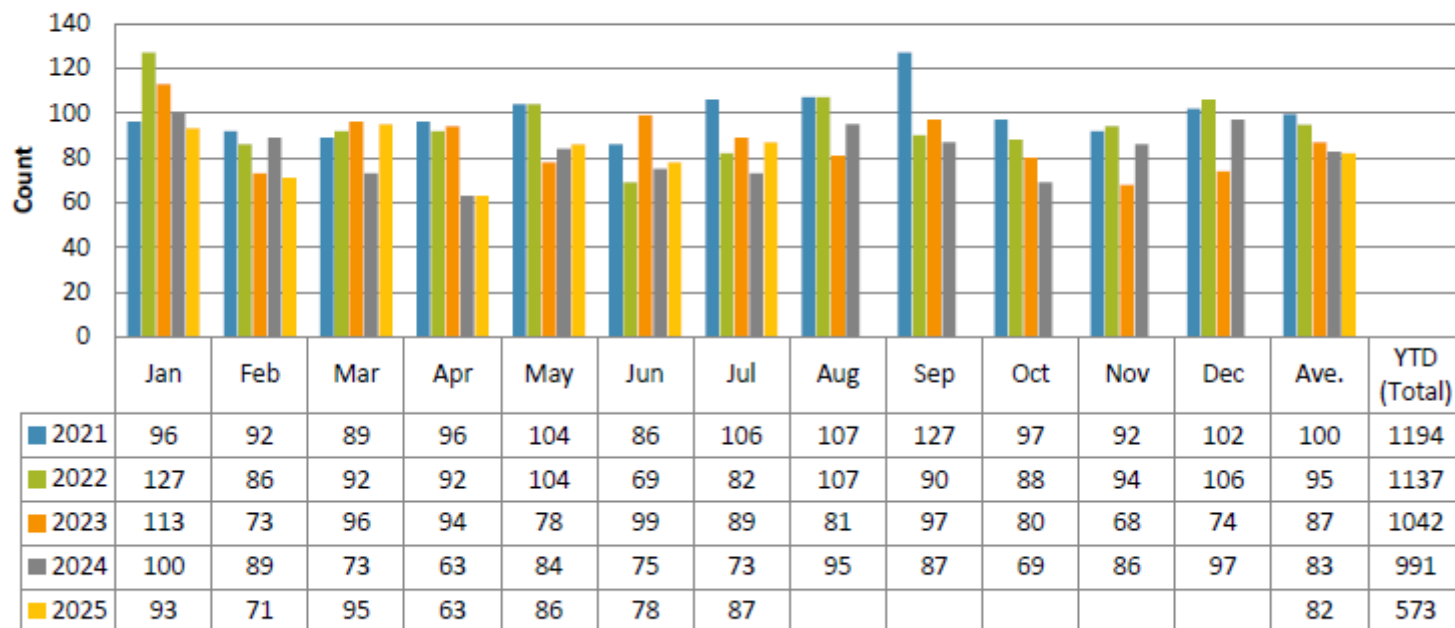


Medical Investigations

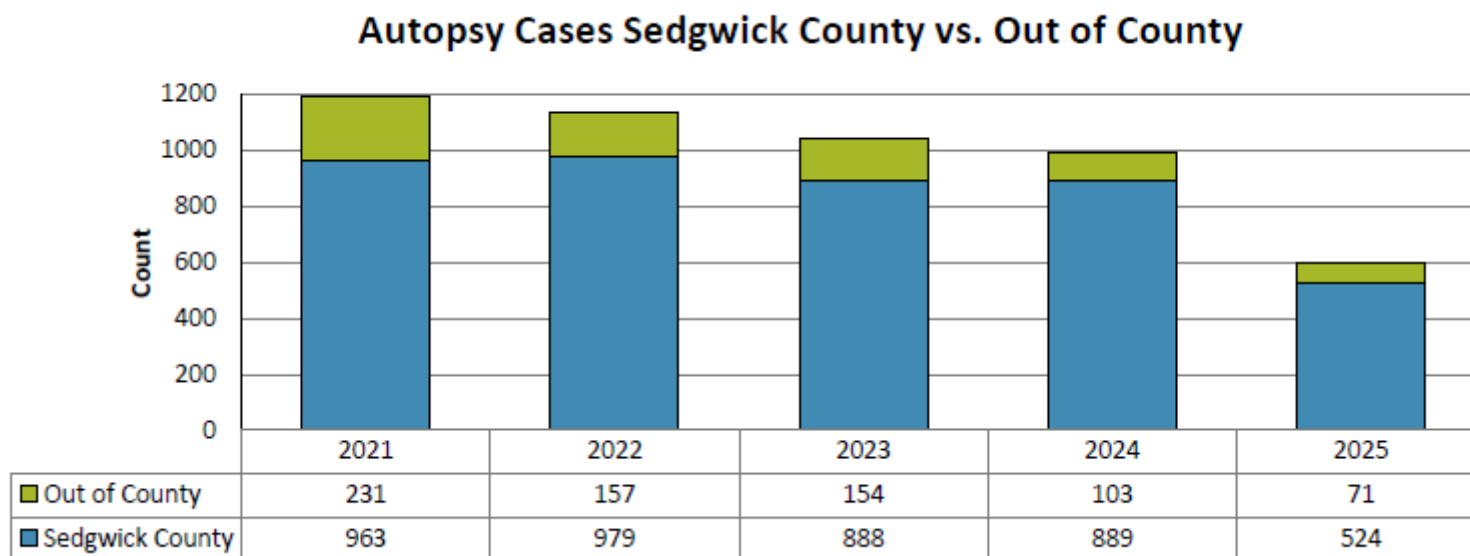


Pathology

Autopsy Cases Received by Death Reported Year



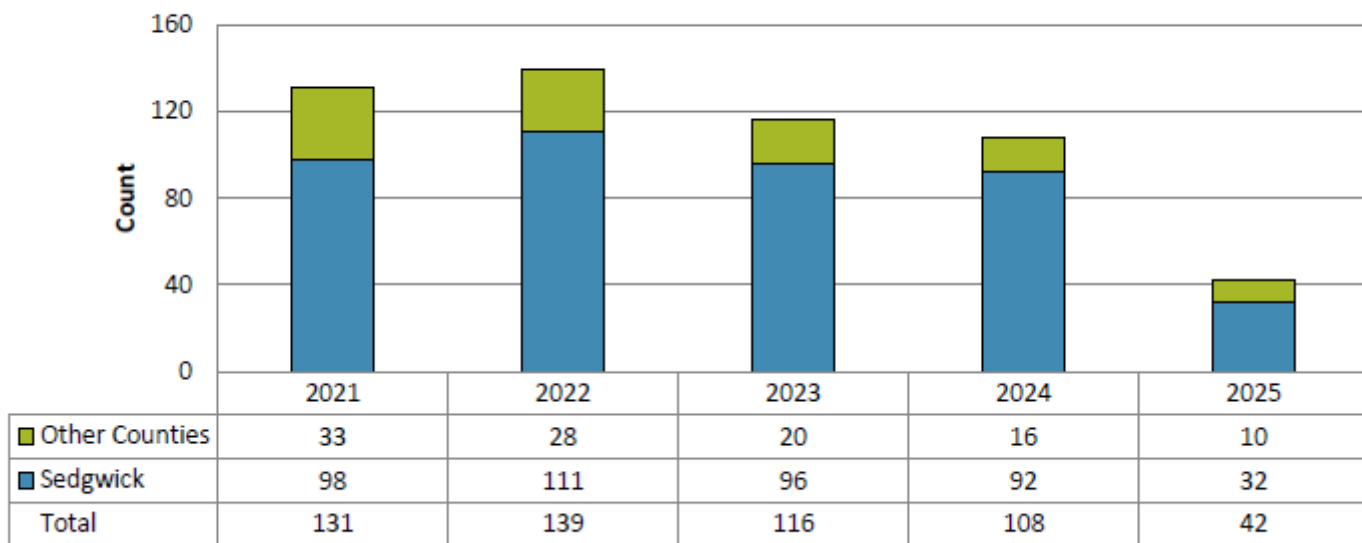
Pathology



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

Pathology

Count of Suicides by Examination Year



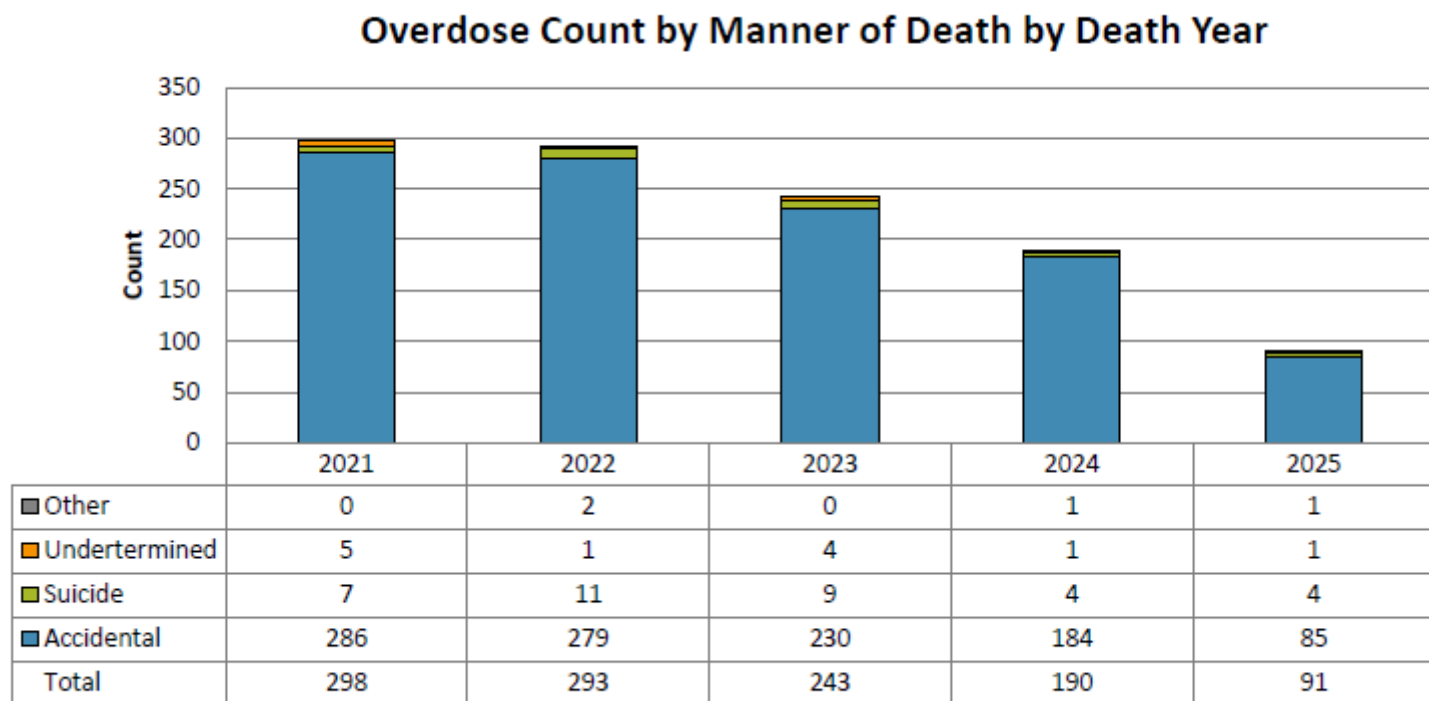
11%

12%

11%

11%

Pathology



2020 = 18%

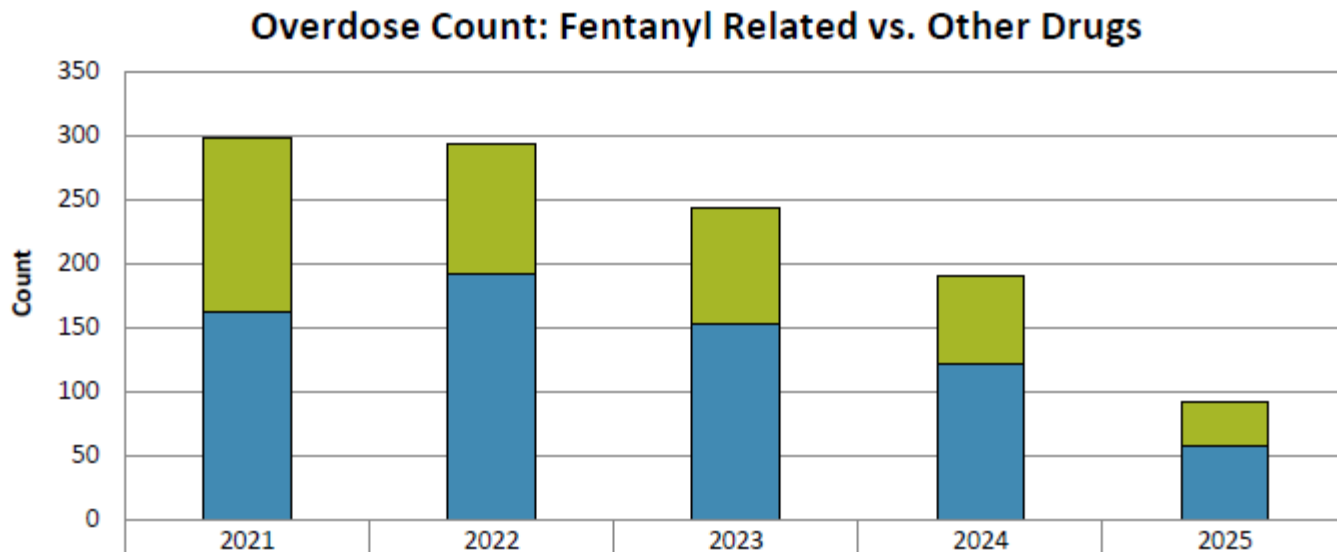
25%

27%

23%

19%

Pathology



Other Drugs	136	101	90	68	34
Fentanyl Related	162	192	153	122	57
Total	298	293	243	190	91

2020 = 46%

54%

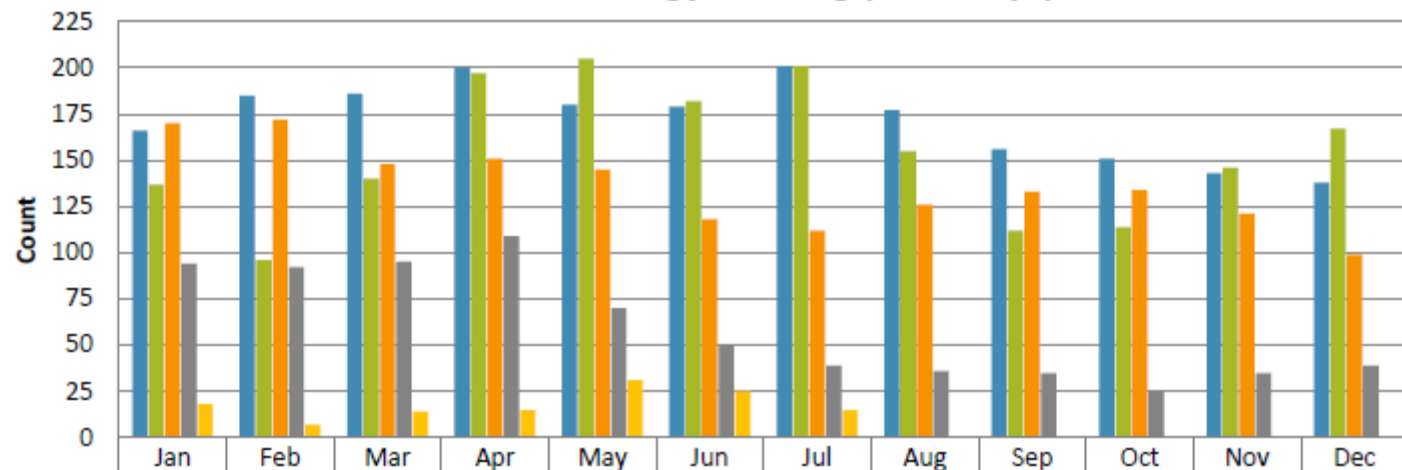
66%

63%

64%

Toxicology

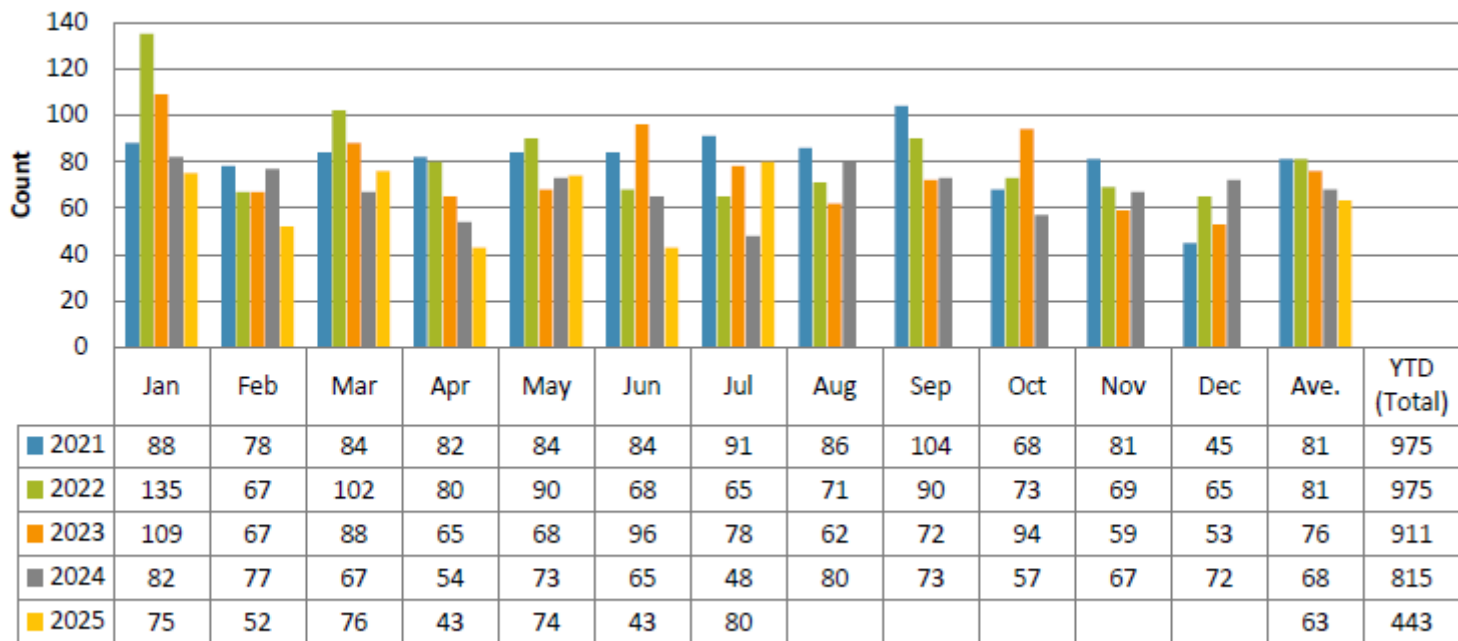
PM - Toxicology Backlog (> 60 Days)



PM ('21)	166	185	186	200	180	179	201	177	156	151	143	138
PM ('22)	137	96	140	197	205	182	201	155	112	114	146	167
PM ('23)	170	172	148	151	145	118	112	126	133	134	121	99
PM ('24)	94	92	95	109	70	50	39	36	35	25	35	39
PM ('25)	18	7	14	15	31	25	15					

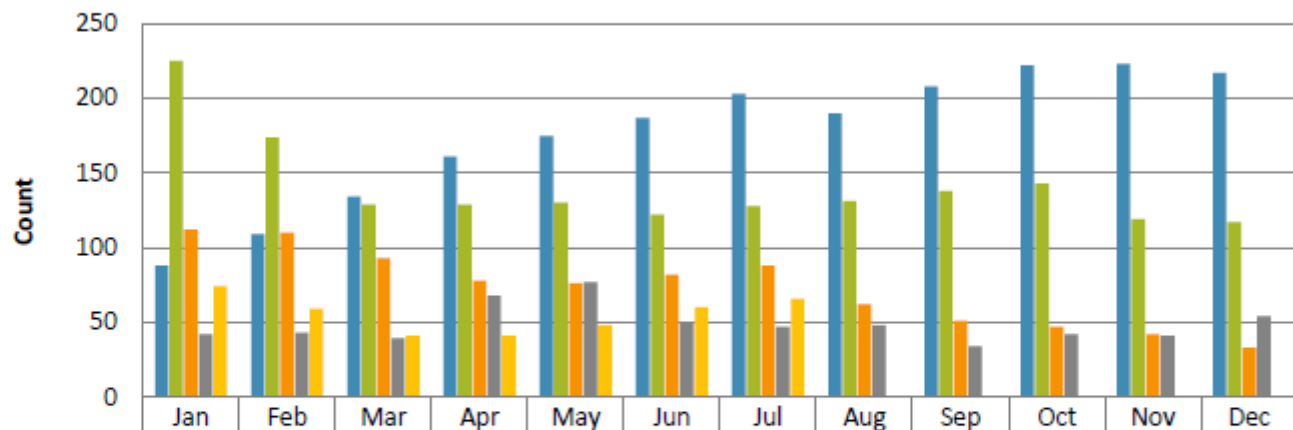
Toxicology

Newly Submitted PM Toxicology Cases



Toxicology

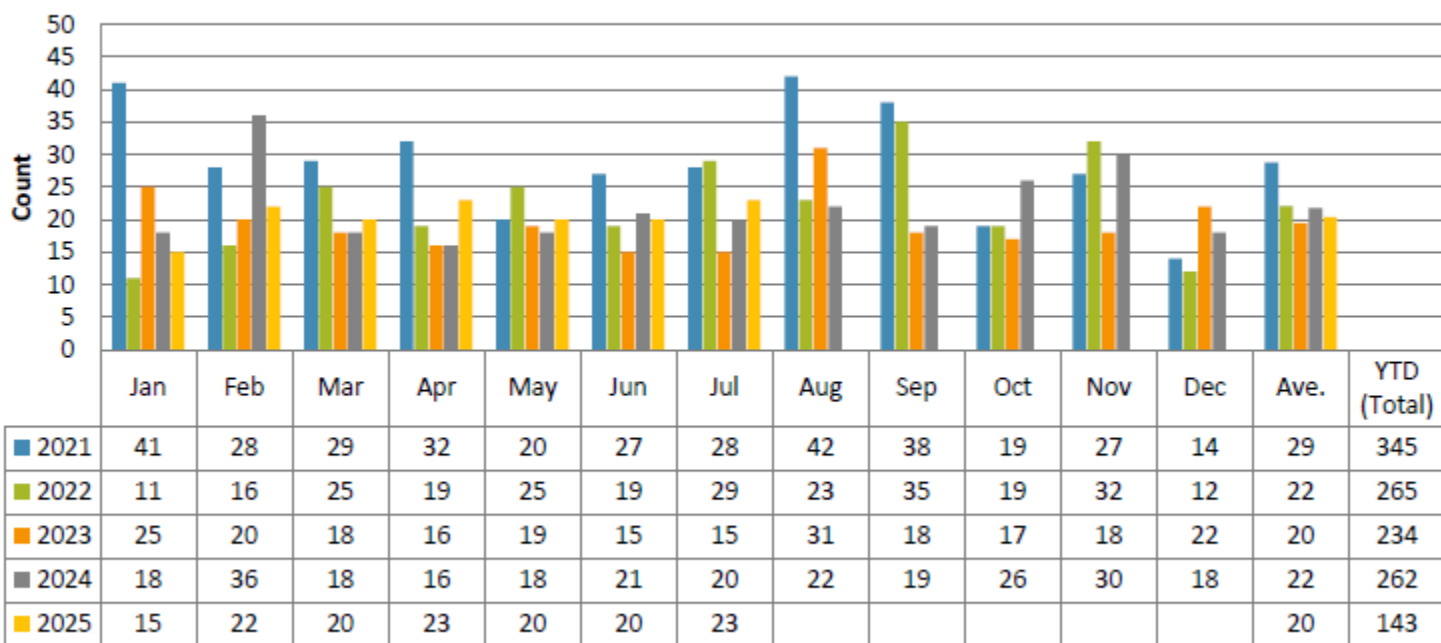
HPT Toxicology Backlog (> 60 Days)



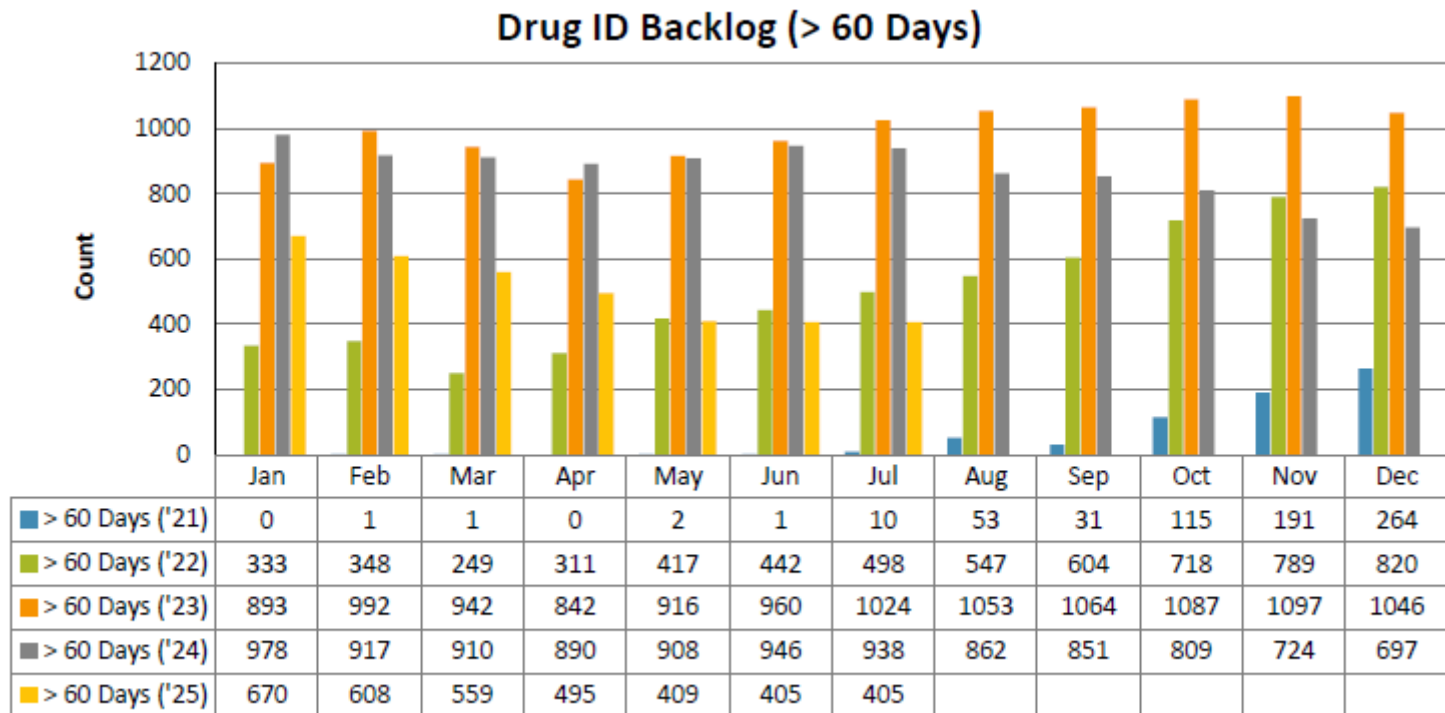
DUI/DUID/Misc ('21)	88	109	134	161	175	187	203	190	208	222	223	217
DUI/DUID/Misc ('22)	225	174	129	129	130	122	128	131	138	143	119	117
DUI/DUID/Misc ('23)	112	110	93	78	76	82	88	62	51	47	42	33
DUI/DUID/Misc ('24)	42	43	39	68	77	50	47	48	34	42	41	54
DUI/DUID/Misc ('25)	74	59	41	41	48	60	66					

Toxicology

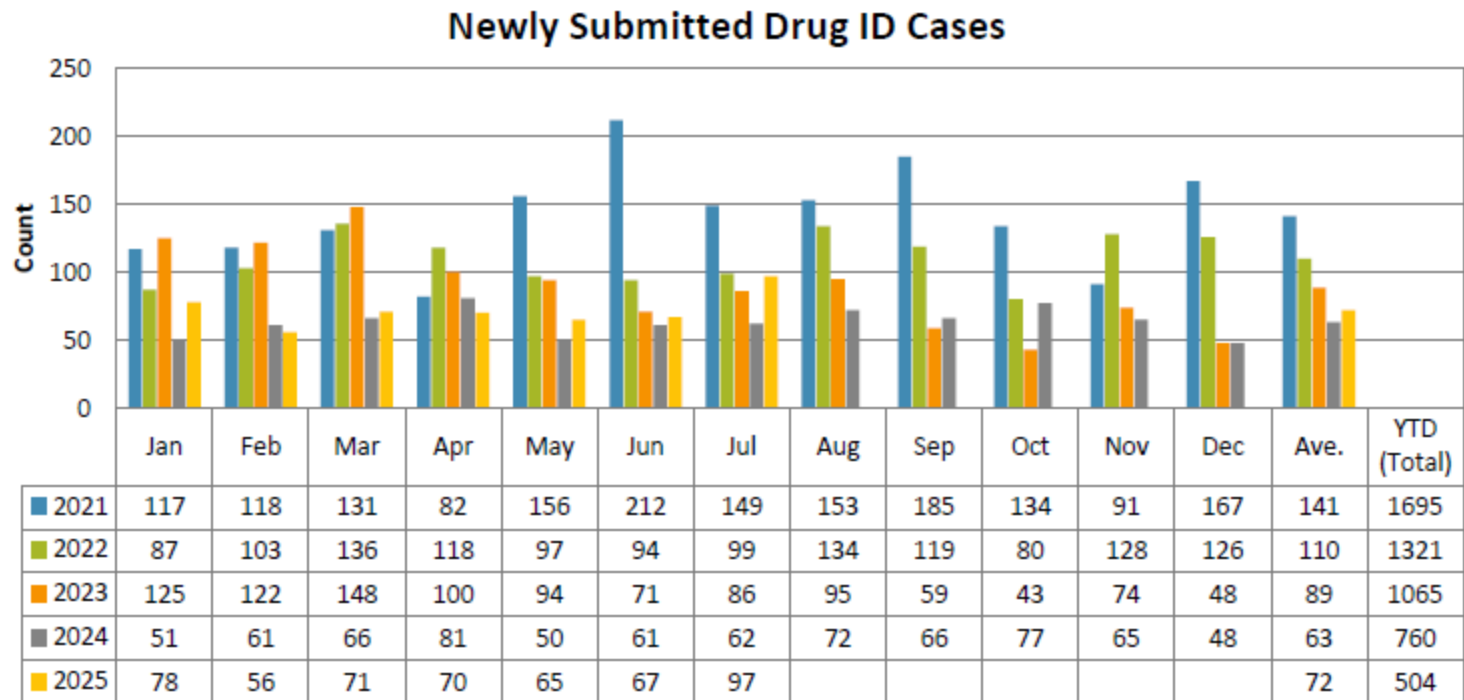
Newly Submitted HPT Toxicology Cases



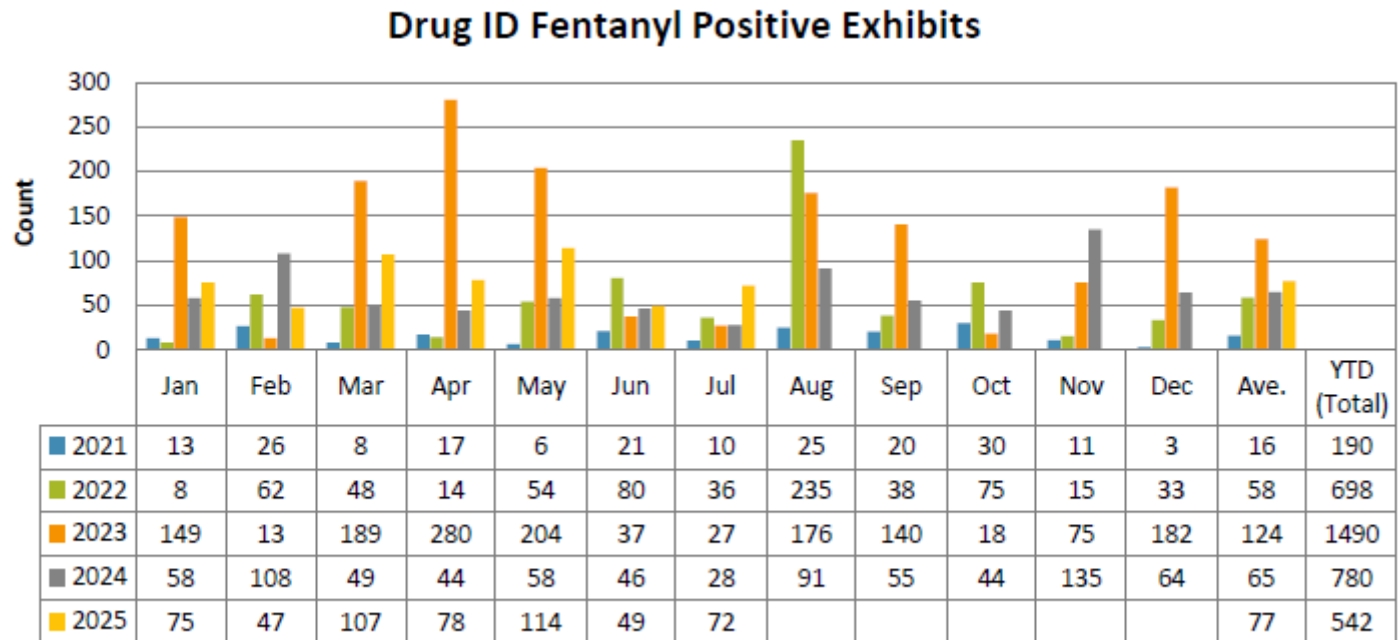
Drug Identification



Drug Identification

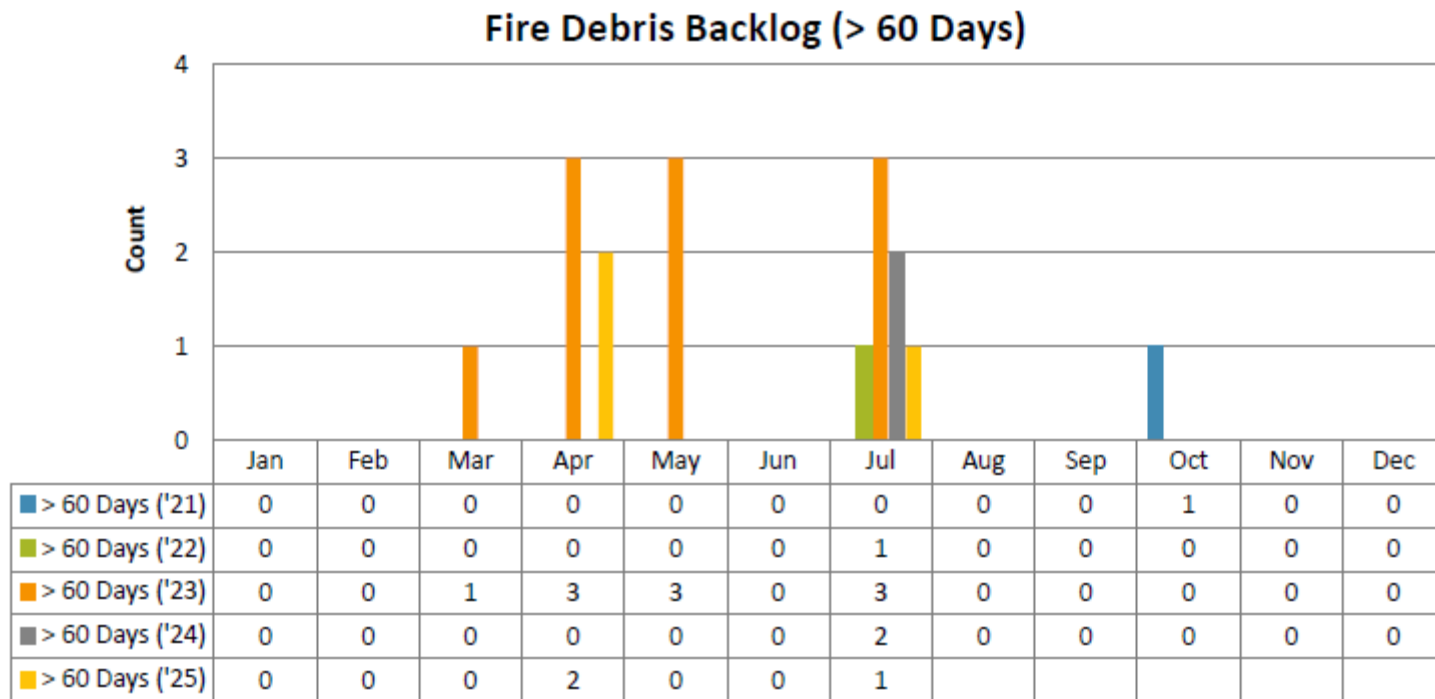


Drug Identification

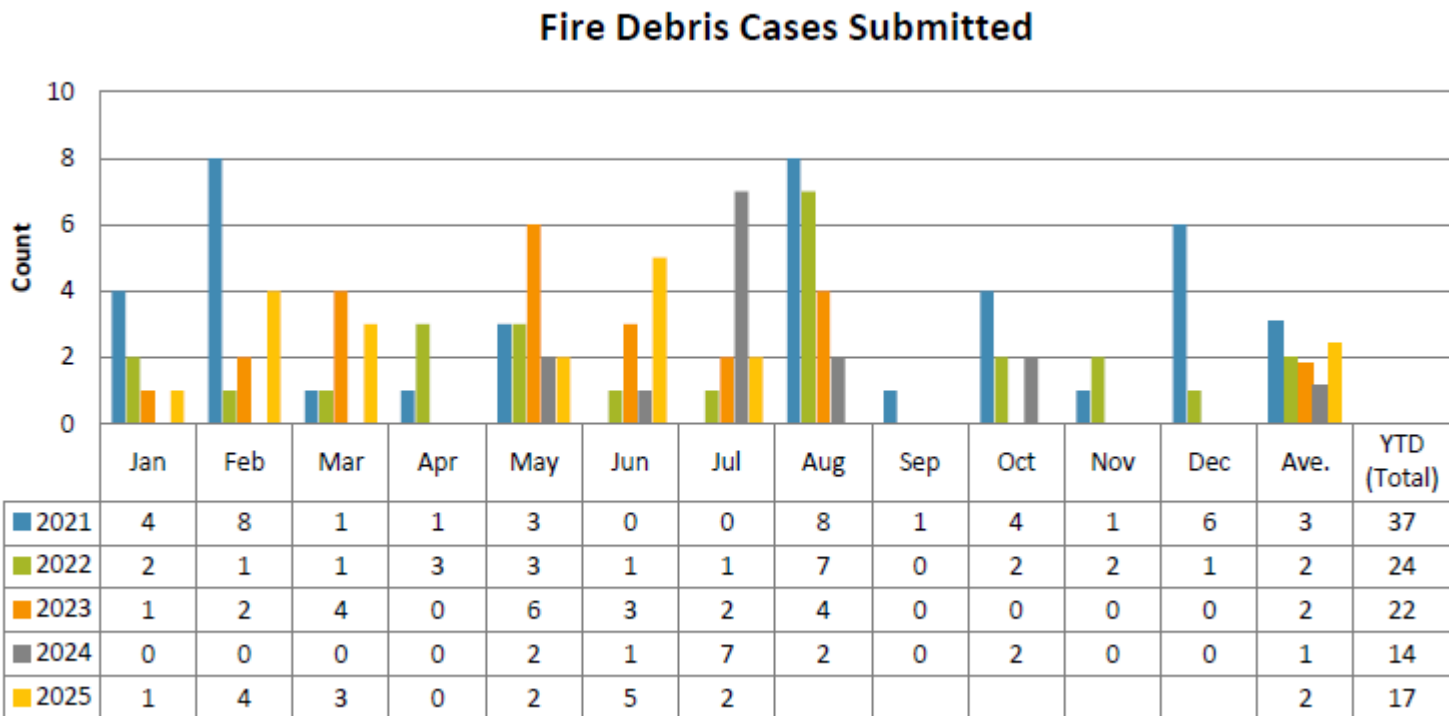


2023 increased 684% from 2021

Fire Debris

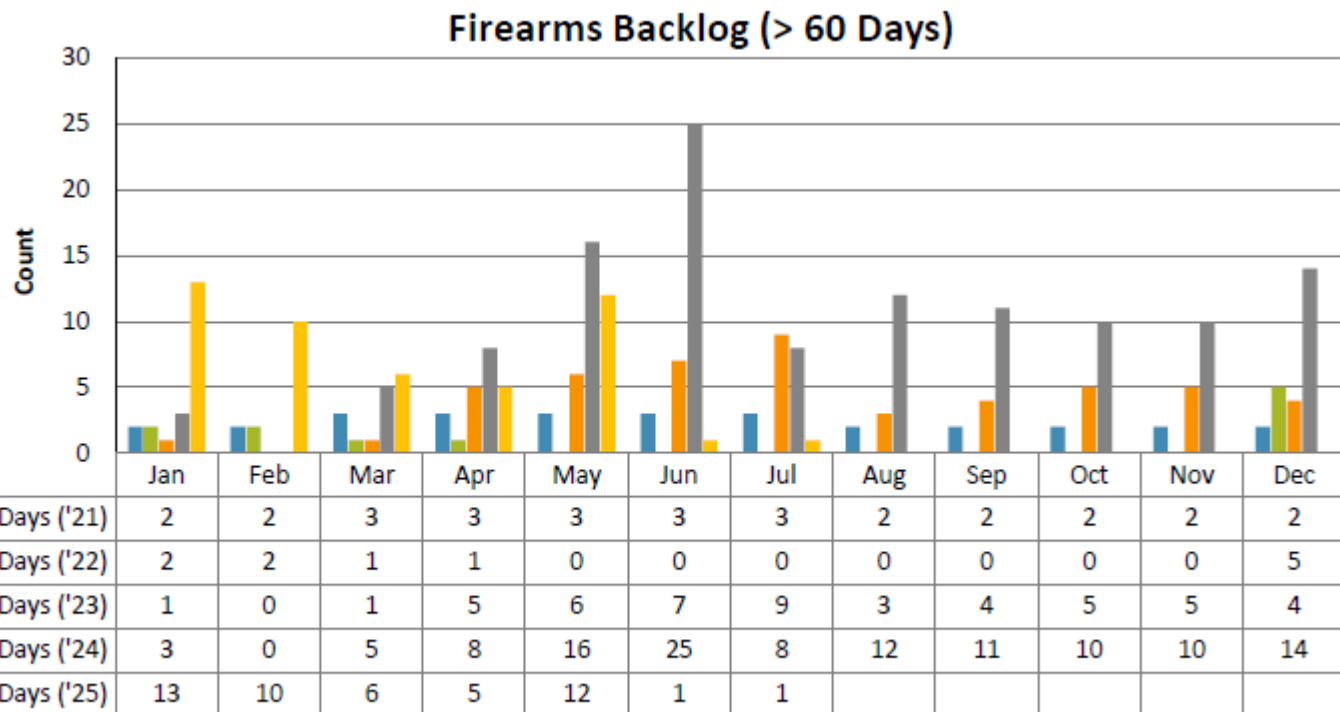


Fire Debris



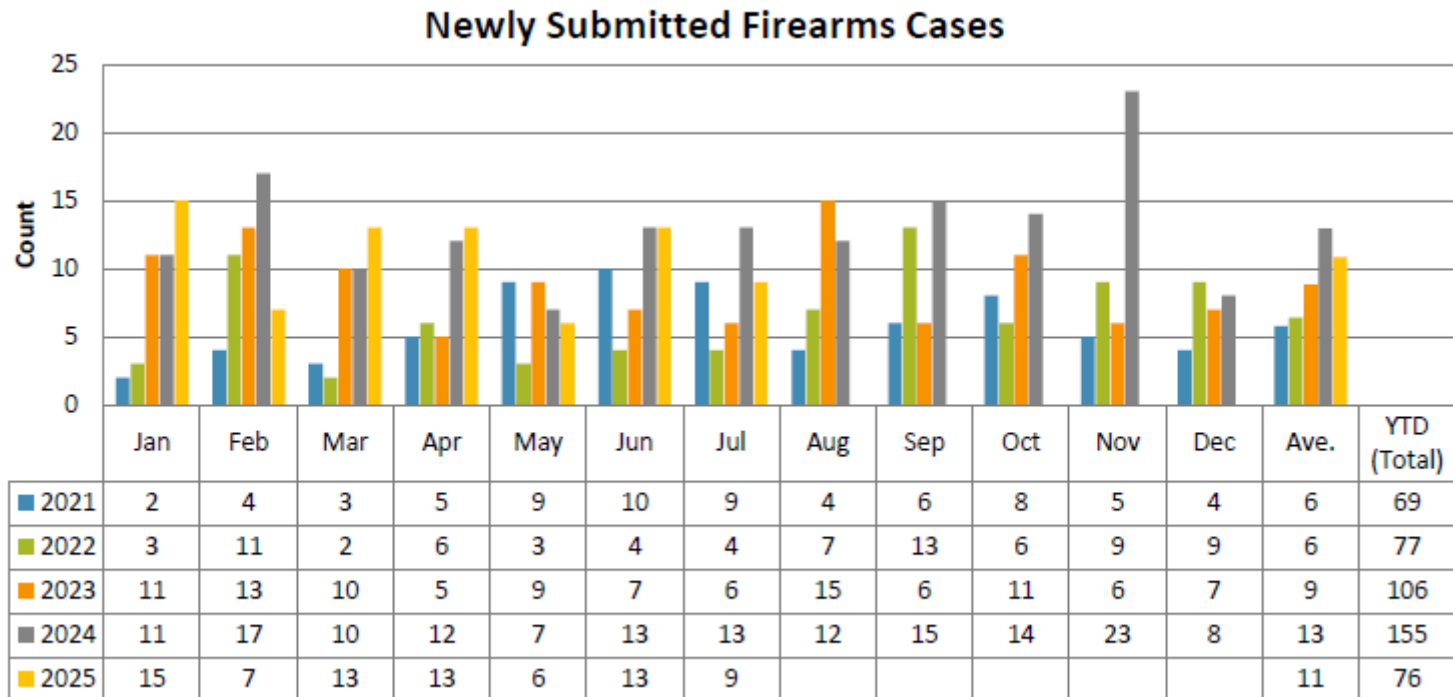
Ten (10) cases were received May-July while analysts were in training; training was completed in 2024 and testing is currently underway.

Firearms

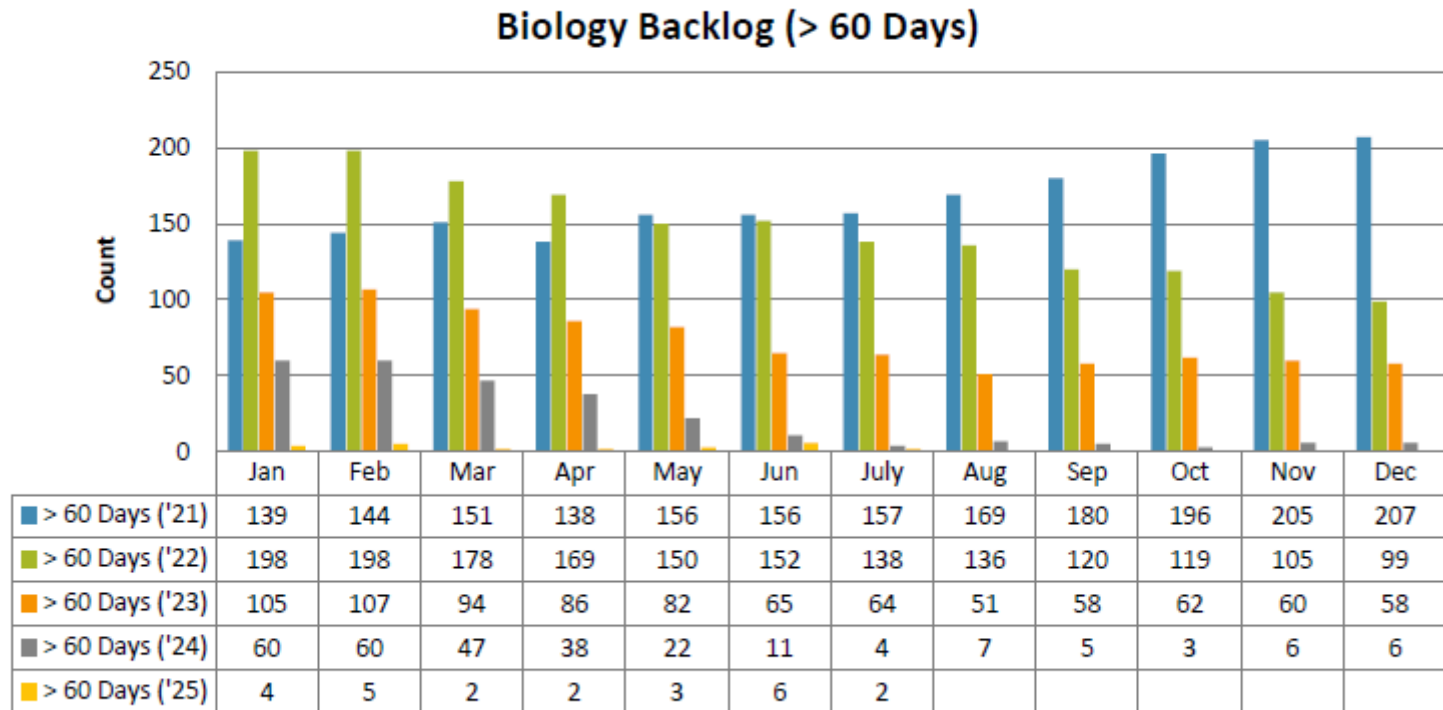


Backlogged cases May-August 2024 were awaiting review by a secondary laboratory since RFSC had one fully trained examiner.

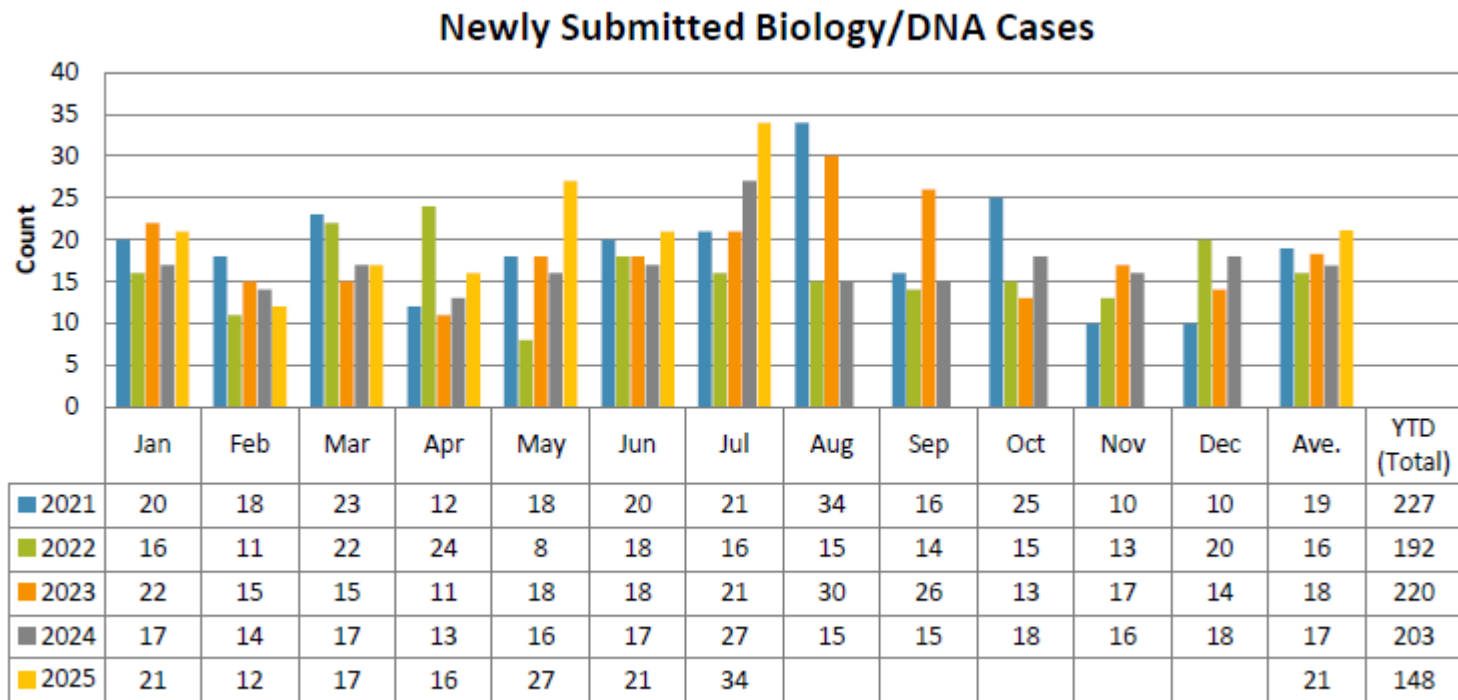
Firearms



Biology / DNA



Biology / DNA



Summary

Quarterly Summary:

- Number of deaths reported and coroner cases remaining stable
- Tox LC-MS/MS instrument validations continuing; have exhausted all funding for outsourcing.
- Completed an RFP for QTOF instrument (Tox), expect installation in spring 2026.
- CIP space study and cost estimate complete. Legacy renovations submitted to facilities. Project design set to move forward in 2026.
- Staffing has remained fairly stable.

Summary

Quarterly Summary OD2A:

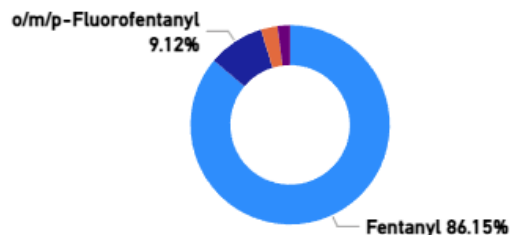
- OD2A funded position is testing drugs and paraphernalia from scenes as well as other illicit drug casework.
- Medical Investigations have collected drugs and/or paraphernalia at 176 scenes since starting project December 1, 2023.
- Drug paraphernalia testing is caught up (925 items).
- All participants are sharing data with CDC now.
- Starting to track results by matrix.
- Hoping to report drugs with co-occurrence.

Summary

Substance Identified	Number of Substances
Methamphetamine	351
Fentanyl	255
4-ANPP/ANPP	205
No Controlled Substances	188
Cocaine	130
Amphetamine	64
BTMPS	61
THC (Delta 9)	56
Not Tested	47
o/m/p-Fluorofentanyl	27
Xylazine	24
Heroin	10
ADB-BUTINACA	8
3/2'/3'/4'-Methyl acetyl fentanyl	8
MDMB-en-PINACA	7
Total	1497

Click For Details

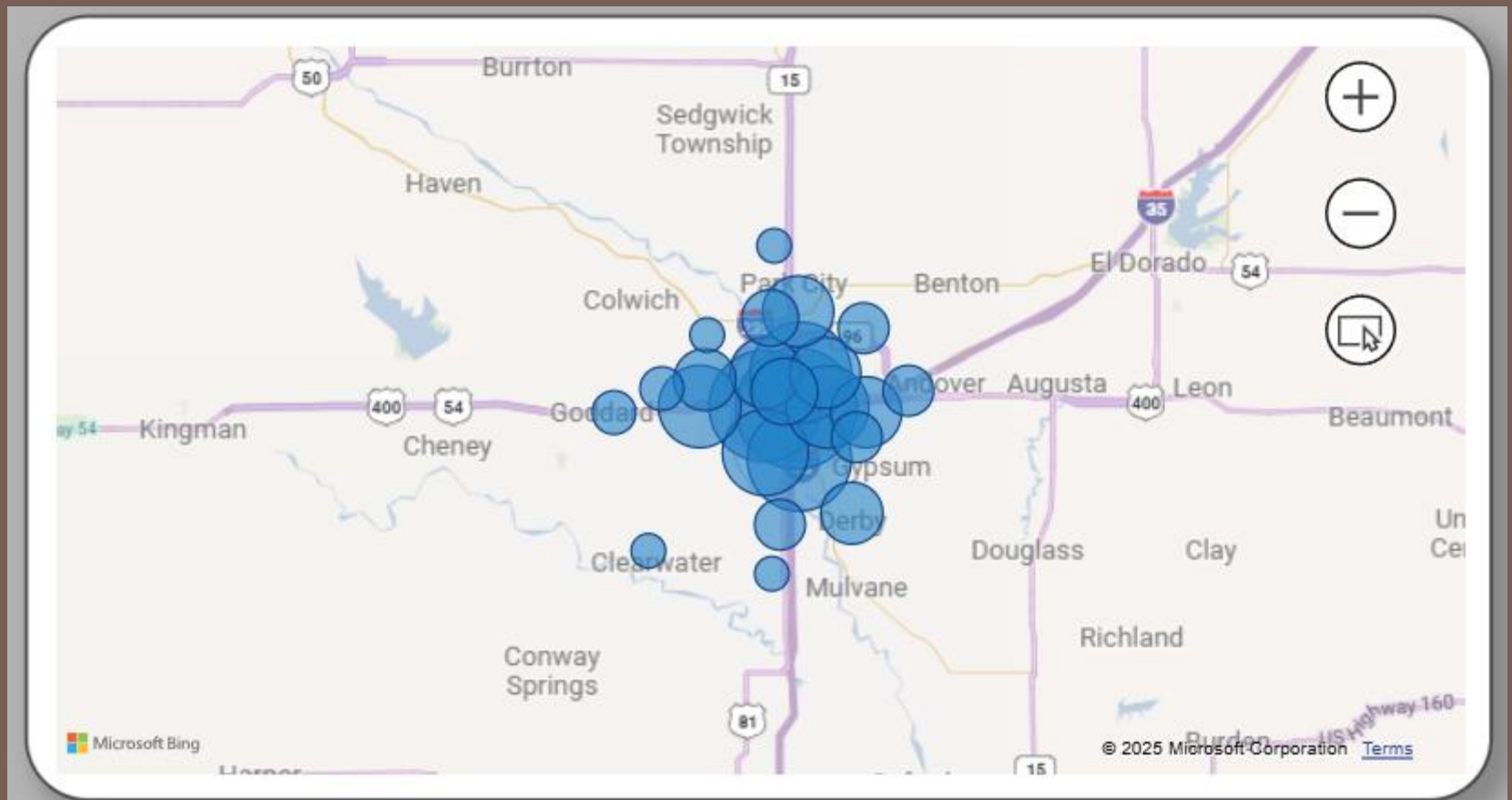
Overview of Fentanyl Detected in OD2A Items Tested



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

2024 Grants:

- Coverdell Formula (\$78,619) → award underway
- CEBR (\$294,461) → program underway
- JAG (\$39,721) → program underway
- OD2A Local (\$250,000) → carry-over spending underway
- KDHE OD2A (\$64,158) → renewed agreement executed

New or Renewed in 2025

- OD2A Local (\$250,000) → awaiting NOA for year 3
- KDHE OD2A (\$66,000) → awaiting NOA for year 3
- No CEBR or Coverdell solicitations posted as of yet

Summary

2025 Budget

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

CIP requests

- DNA Addition – design of second building may begin in 2026

Discussion

Questions?

Please submit to 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.