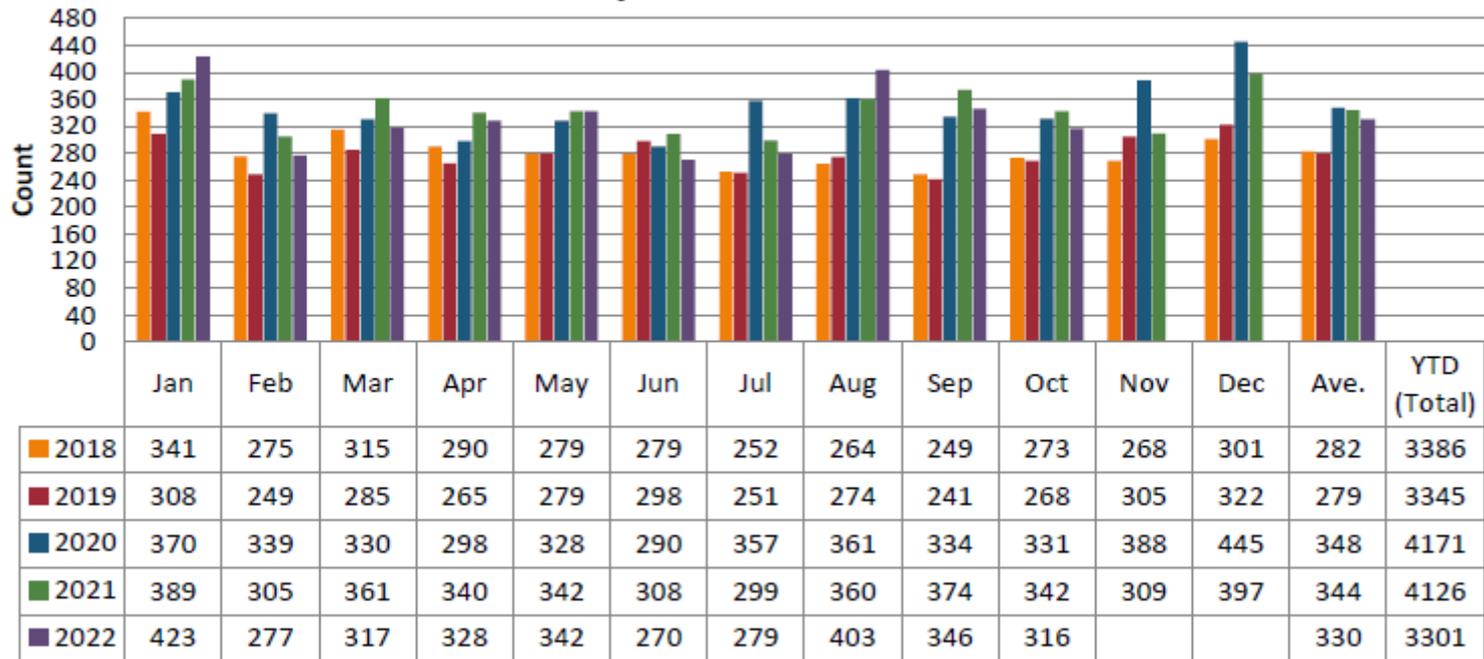


SEDGWICK COUNTY REGIONAL FORENSIC SCIENCE CENTER
Wichita, Kansas

**ADVISORY BOARD QUARTERLY
REPORT
November 17, 2022**

Medical Investigations

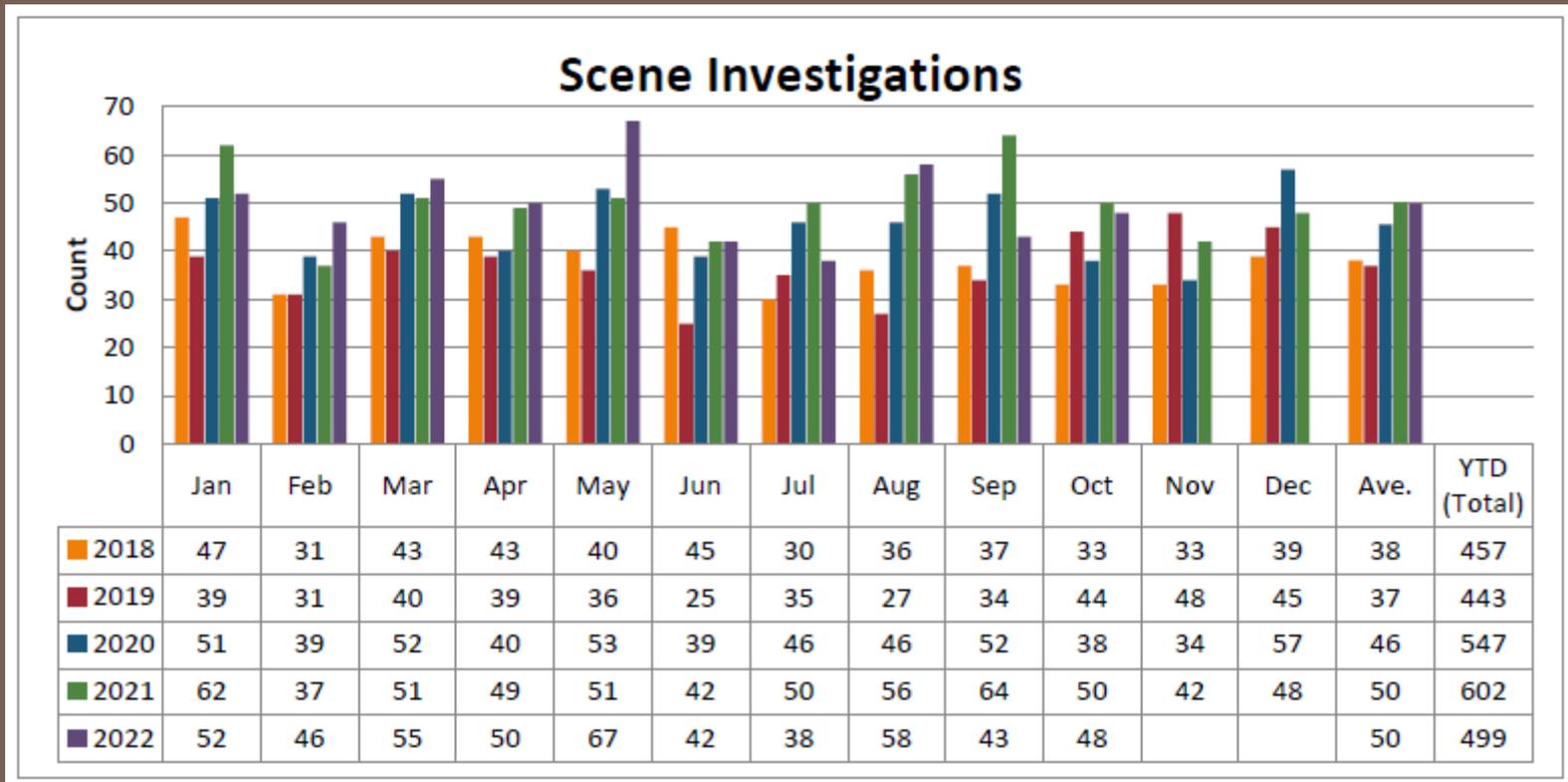
Reported Deaths



2019-2021: up 23%

Estimating 3961 for 2022

Medical Investigations

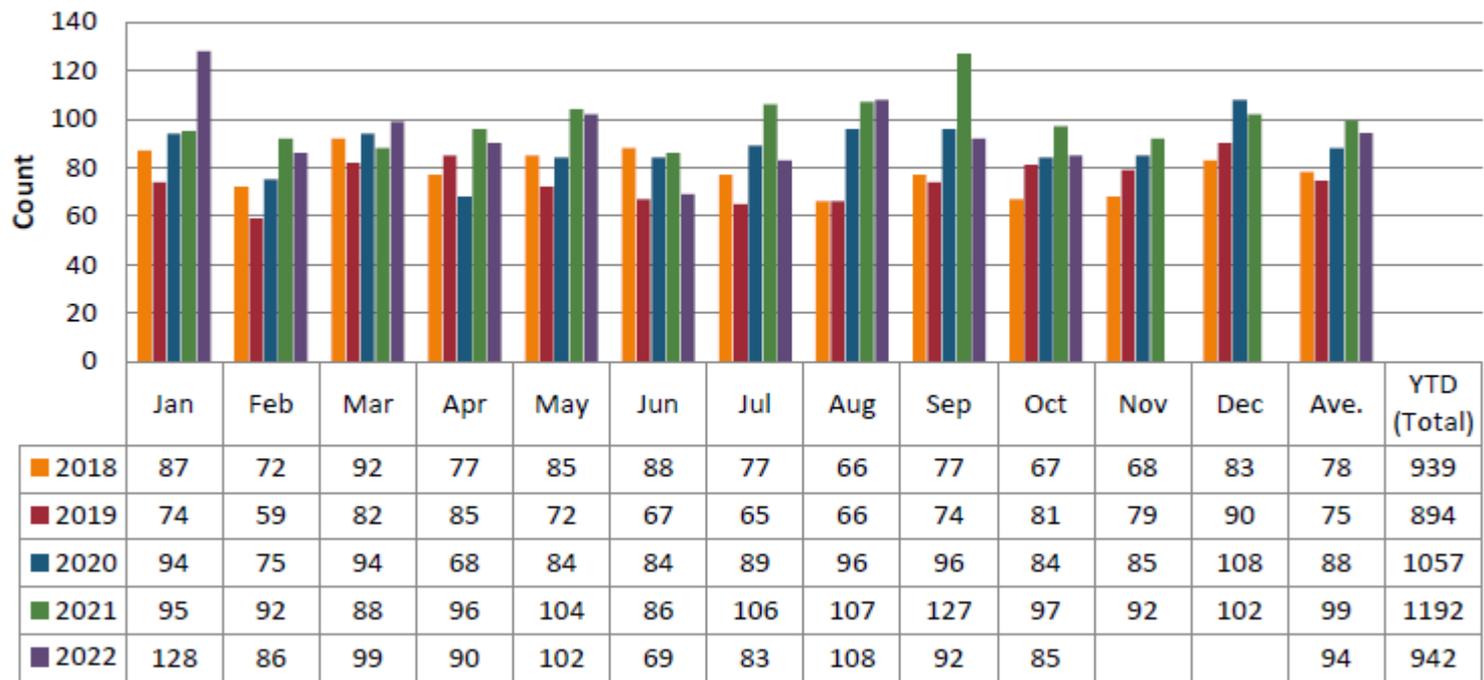


2019-2021: up 36%

Estimating 599 for 2022

Pathology

Autopsy Cases Received by Death Reported Year

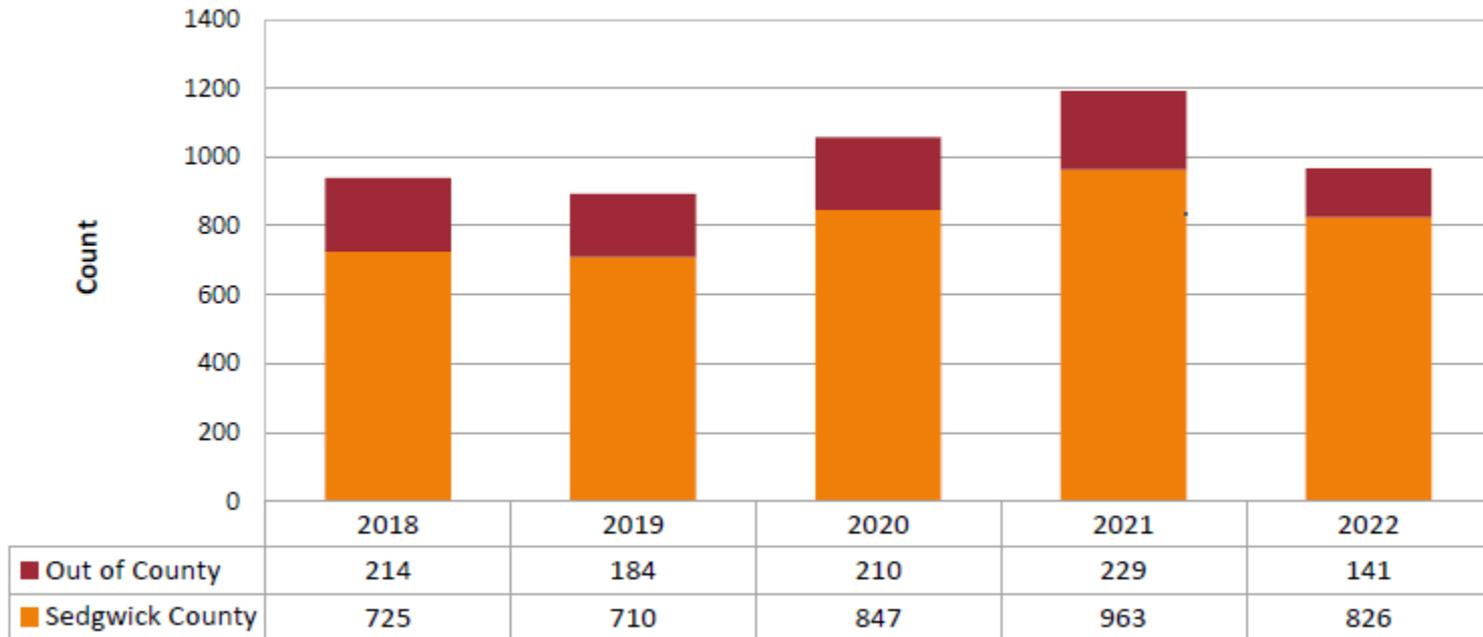


2019-2021: up 34%

Estimating 1130 for 2022

Pathology

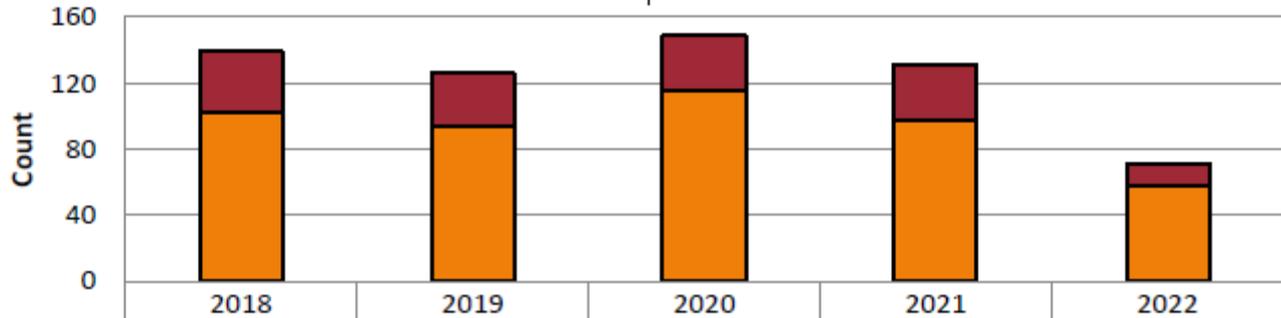
Autopsy Cases Sedgwick County vs. Out of County



2021 = 24% 2022 = 17%

Pathology

Count of Suicides by Examination Year



Other Counties	37	32	34	33	13
Sedgwick	102	94	115	98	58
Total	139	126	149	131	71

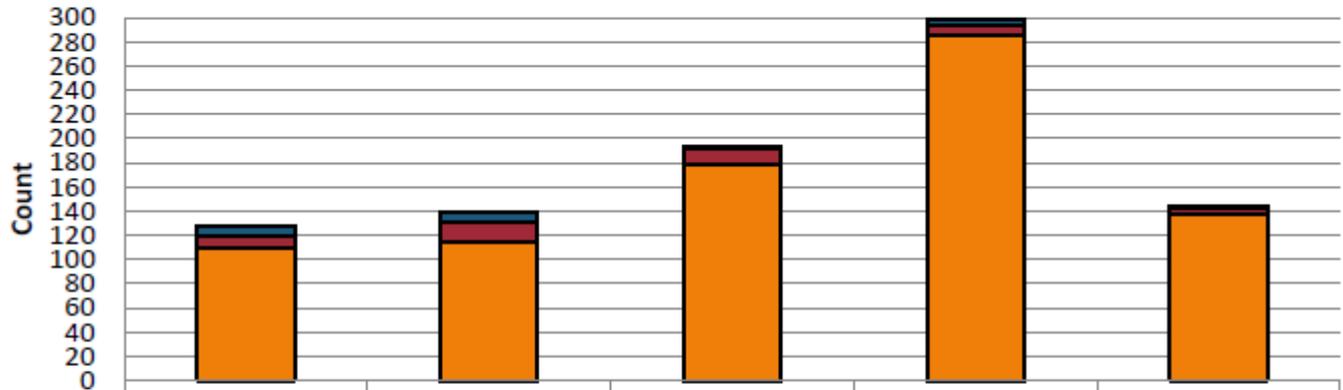
14%

14%

11%

Pathology

Overdose Count by Manner of Death by Death Year



	2018	2019	2020	2021	2022
■ Other	1	0	0	0	1
■ Undertermined	8	9	3	5	0
■ Suicide	10	15	12	7	6
■ Accidental	109	115	179	286	137
Total	128	139	194	298	144

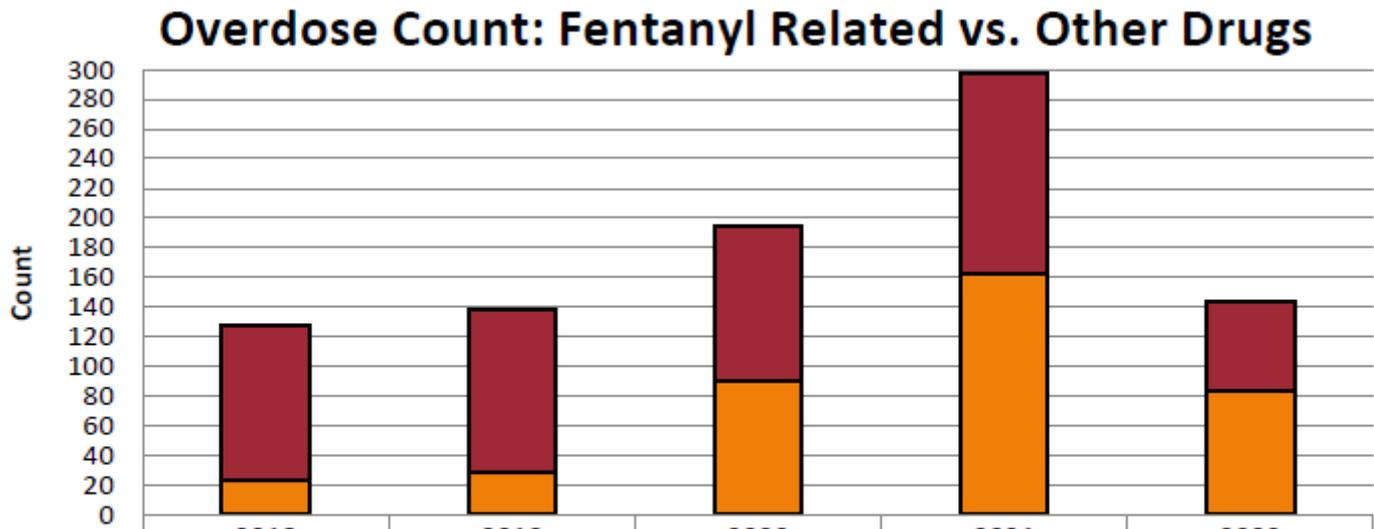
16%

18%

25%

339
reports
pending

Pathology



■ Other Drugs
■ Fentanyl Related
Total

Year	Other Drugs	Fentanyl Related	Total
2018	105	23	128
2019	111	28	139
2020	104	90	194
2021	136	162	298
2022	60	84	144

20%

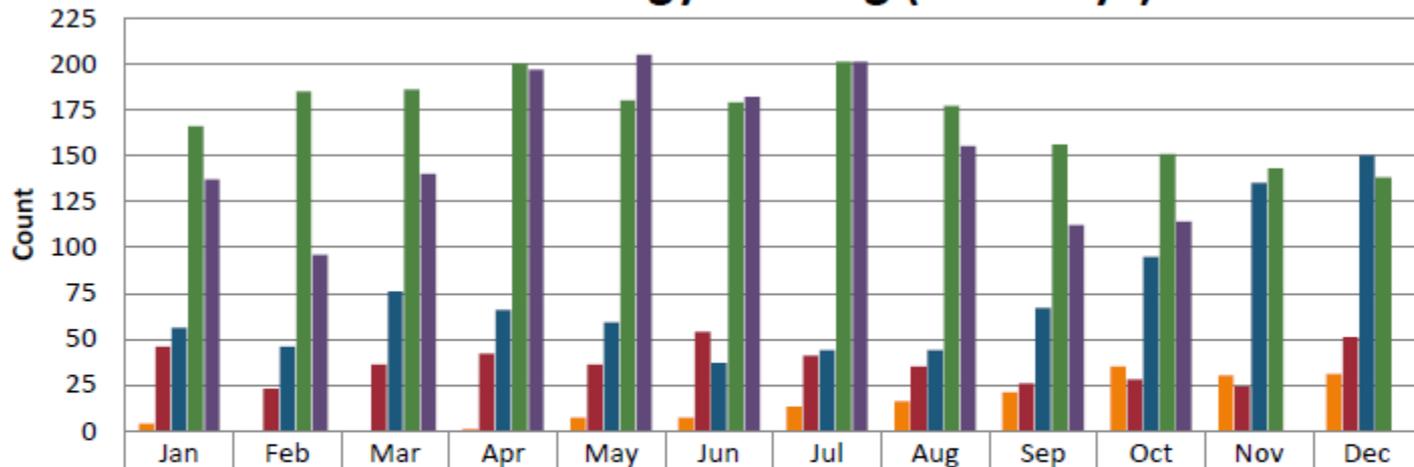
46%

55%

58%

Toxicology

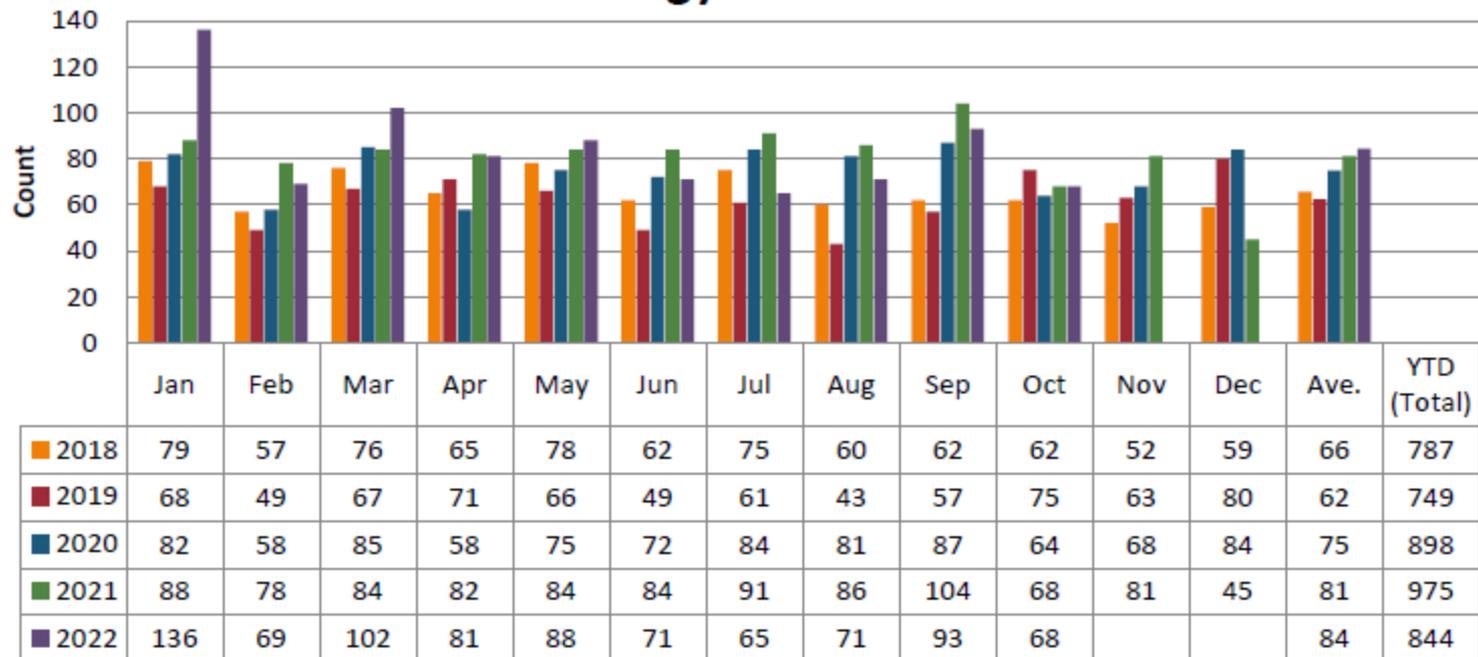
PM - Toxicology Backlog (> 60 Days)



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
PM ('18)	4	0	0	1	7	7	13	16	21	35	30	31
PM ('19)	46	23	36	42	36	54	41	35	26	28	24	51
PM ('20)	56	46	76	66	59	37	44	44	67	95	135	150
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		

Toxicology

PM Toxicology Cases Submitted

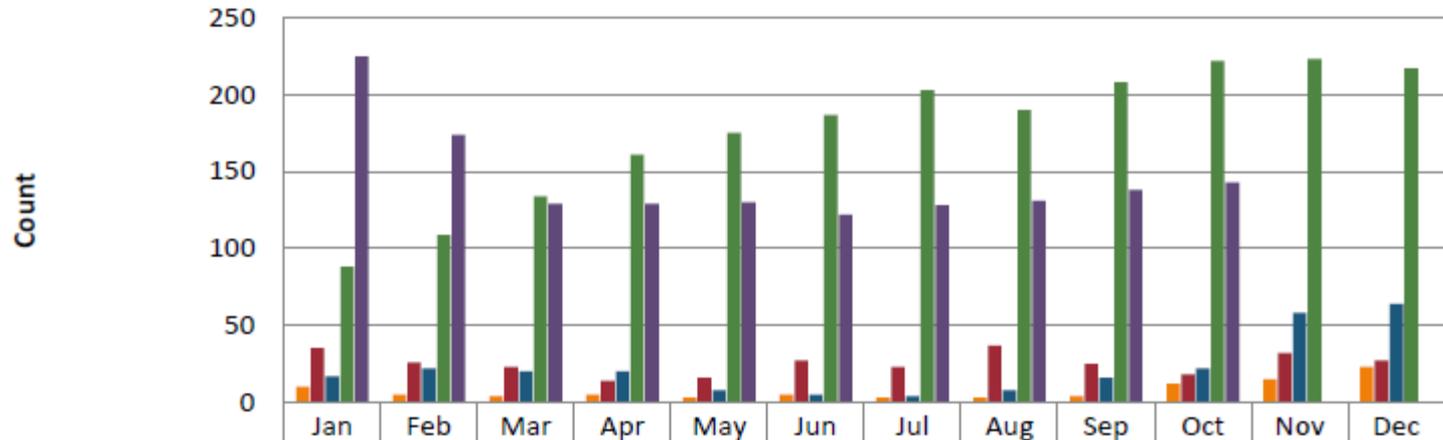


2019 – 2021 = 30%

Estimate 1012 in 2022

Toxicology

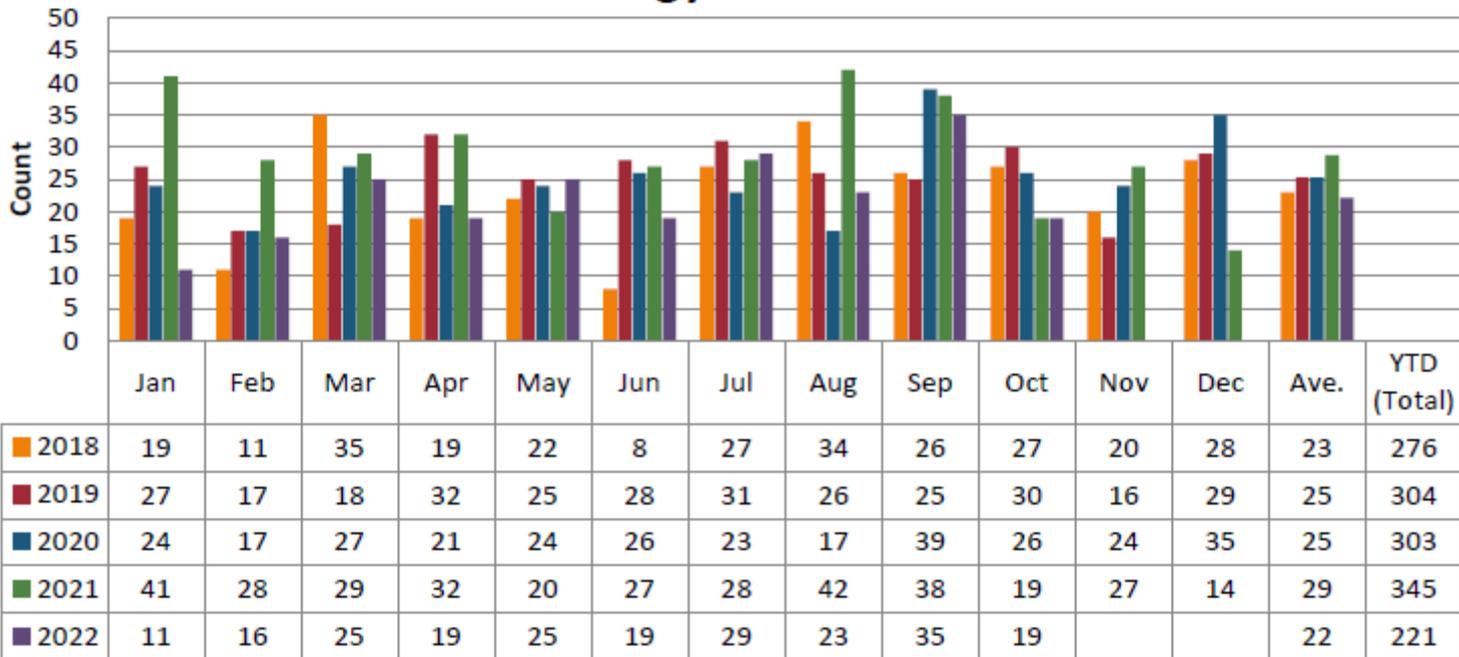
HPT Toxicology Backlog (> 60 Days)



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
■ DUI/DUID/Misc ('18)	10	5	4	5	3	5	3	3	4	12	15	23
■ DUI/DUID/Misc ('19)	35	26	23	14	16	27	23	37	25	18	32	27
■ DUI/DUID/Misc ('20)	17	22	20	20	8	5	4	8	16	22	58	64
■ 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		

Toxicology

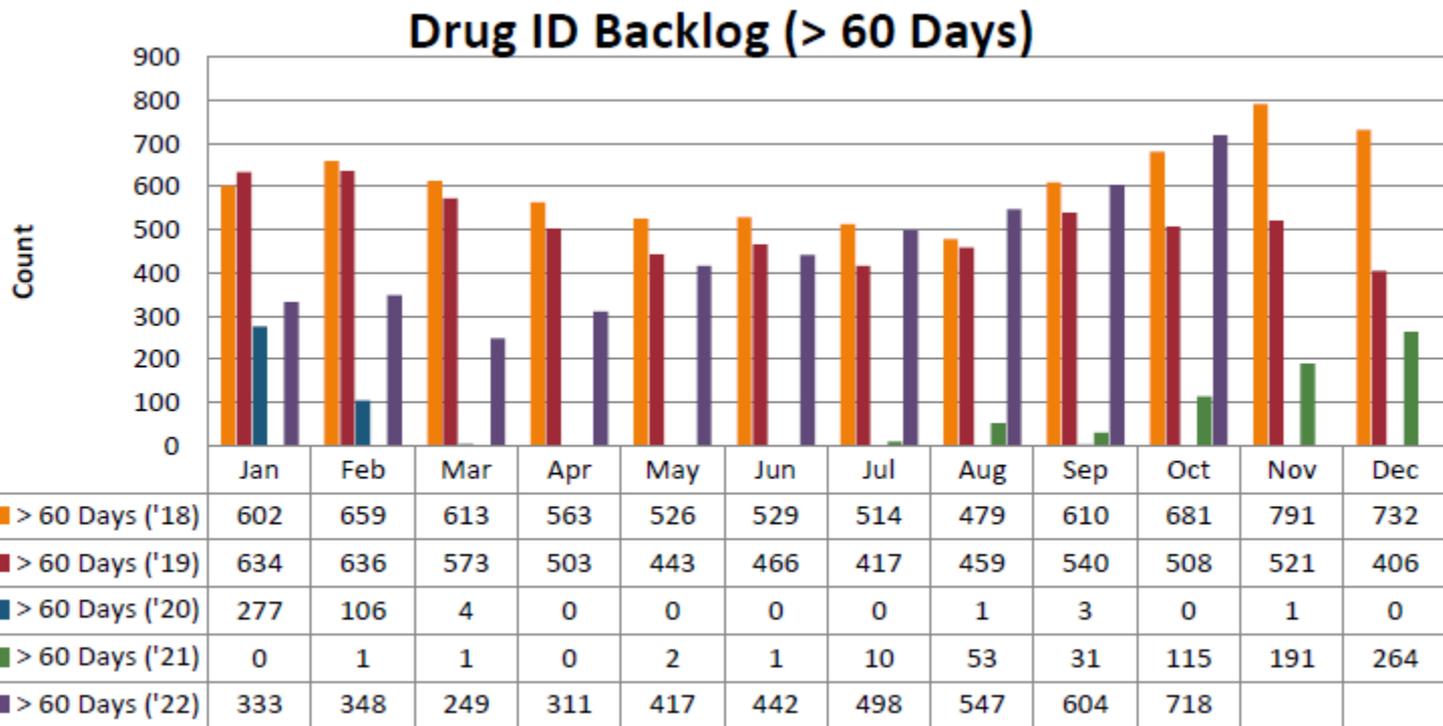
HPT Toxicology Cases Submitted



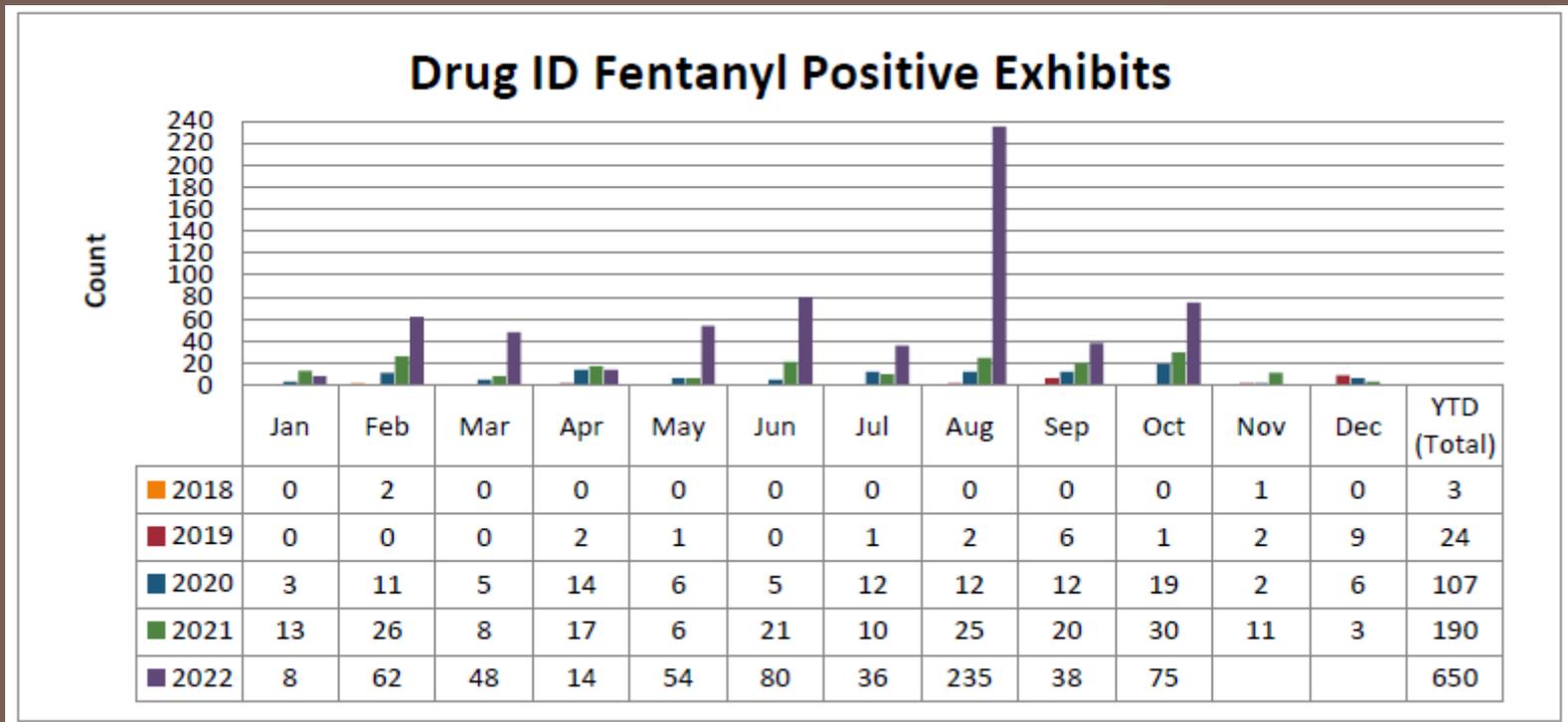
2019 – 2021 = 13%

Estimate 265 in 2022

Drug Identification



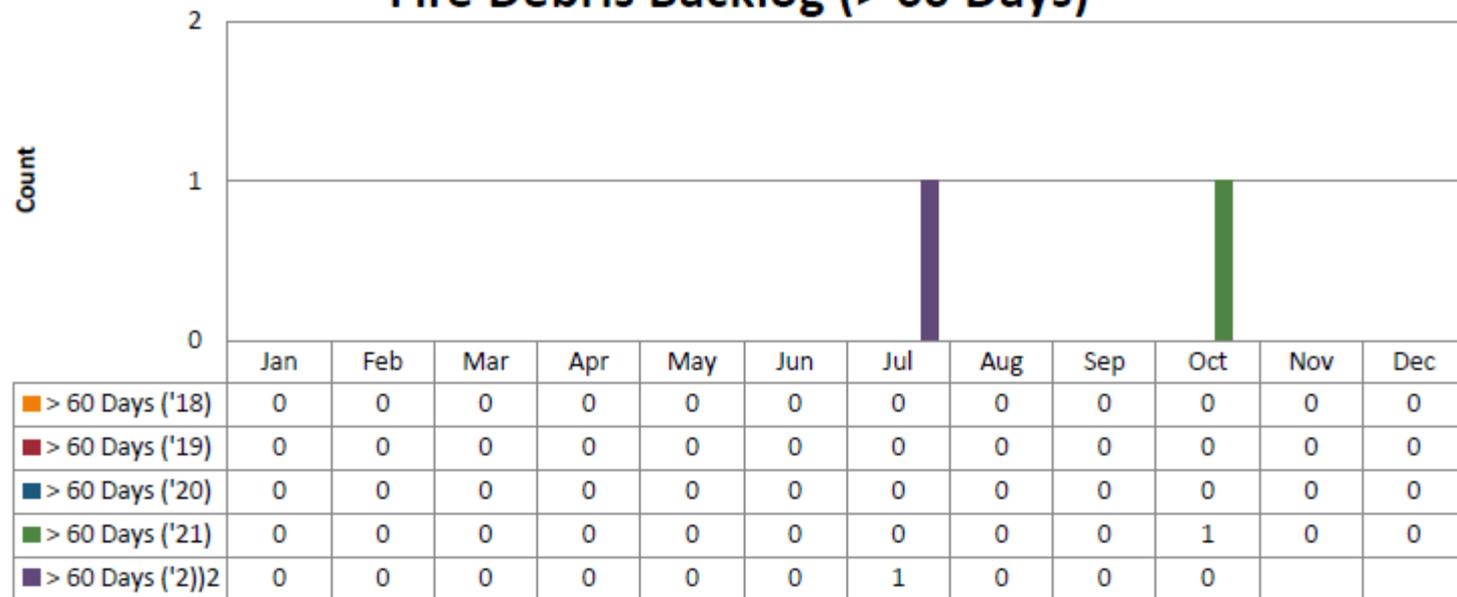
Drug Identification



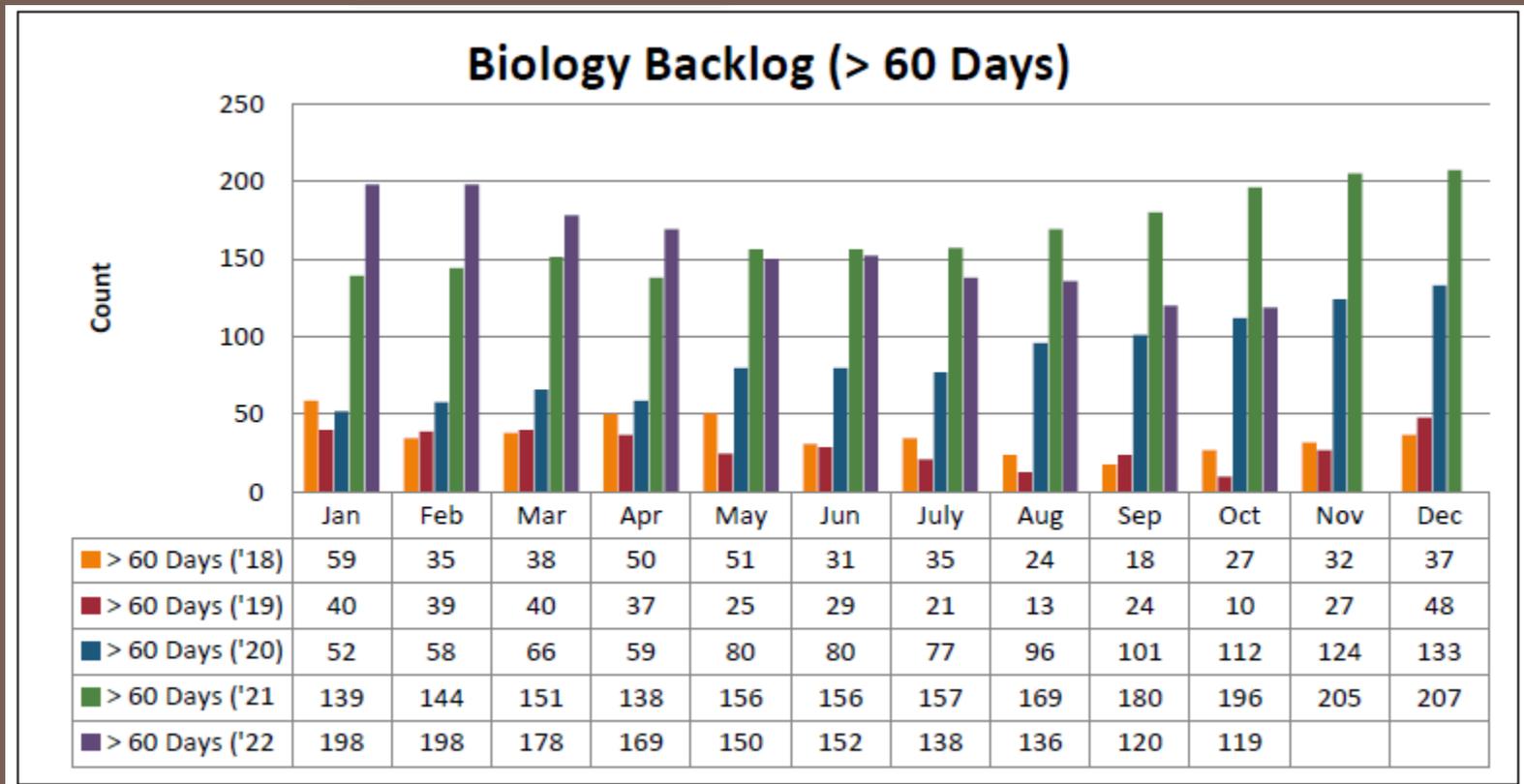
Estimating a 4x increase from 2021

Fire Debris

Fire Debris Backlog (> 60 Days)

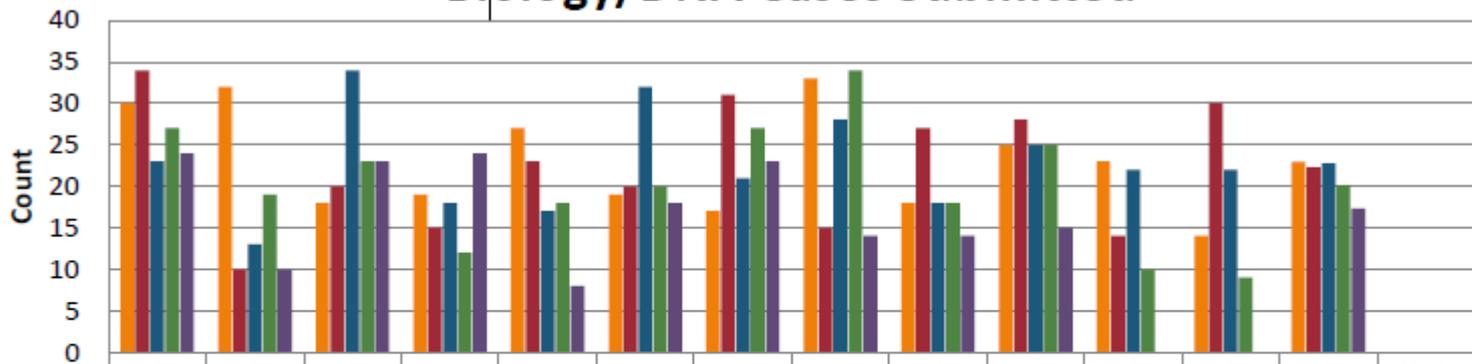


Biology / DNA



Biology / DNA

Biology/DNA Cases Submitted



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ave.	YTD (Total)
2018	30	32	18	19	27	19	17	33	18	25	23	14	23	275
2019	34	10	20	15	23	20	31	15	27	28	14	30	22	267
2020	23	13	34	18	17	32	21	28	18	25	22	22	23	273
2021	27	19	23	12	18	20	27	34	18	25	10	9	20	242
2022	24	10	23	24	8	18	23	14	14	15			17	173

Summary

Quarterly Summary:

- Tox and DNA backlogs continue to decrease
- Competitive Grant received for Tox instrumentation
- Staffing in Investigations continues to be critical:
 - One MI began leave in September
 - One MI is in training
 - One temporary position is currently posted
- Locum Tenens Deputy Coroner assigned 41 cases so far
- Firearms Examiner is now qualified, accepting comparison cases
- Fentanyl submissions continue to rise, as is the backlog
- Tox lab continuing to outsource with JAG and Coverdell grant funds
- Onboarding full time Chief Tox January 1, 2023

Summary

2023 Budget Enhancements:

- Adjust Coroner/Deputy Coroner pay (\$99,739)
- Resources for unclaimed bodies (\$44,109)
- Two Medical Investigators – not funded

CIP requests

- DNA Addition – should begin in 2023!

Summary

2023 Grants Submitted:

- Coverdell Formula (\$86,800) → (\$95,700) pending
- Coverdell Competitive (\$426,250) → received \$414,277!
- CEBR (approx. \$265,084) → received!

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.