

City & County of San Francisco
Daniel Lurie, Mayor



Office of the City Administrator
Carmen Chu, City Administrator
David Serrano Sewell, Executive Director
Office of the Chief Medical Examiner

November 4, 2025

Subject: Report on 11550 Casework – 2024

The enclosed report includes drug prevalence data on received 11550 casework in the City and County of San Francisco from January 1, 2024 to December 31, 2024. The reports are published by the Office of the Chief Medical Examiner (OCME), Forensic Laboratory Division, to further the OCME's mission to provide neutral data to inform policymakers.

Pertinent for the accurate use of this report is understanding the scope of testing leading to the summarization of the data. The OCME performs [full and comprehensive testing](#) on all 11550 casework to mitigate bias, ensure a complete toxicological profile is provided for each case, and to determine the extent of alcohol and drugs exposure within the community.

Enclosed is a detailed 11550 Data Report for 2024. Key findings were:

- One or more substances were identified in 100% of cases.
- Methamphetamine was detected in 98% of the cases, Fentanyl was detected in 80% of the cases, Cocaine was detected in 54% of the cases, and Heroin was detected in less than 1% of the cases.
- Fluoro Fentanyl was detected in 50% of the cases, Xylazine was detected in 45% of cases, and Bromazolam was detected in 6% of cases.

Sincerely,

A handwritten signature in blue ink, appearing to read "Luke N. Rodda".

Luke N. Rodda, Ph.D. MRACI CChem
Chief Forensic Toxicologist and Director, Forensic Laboratory Division

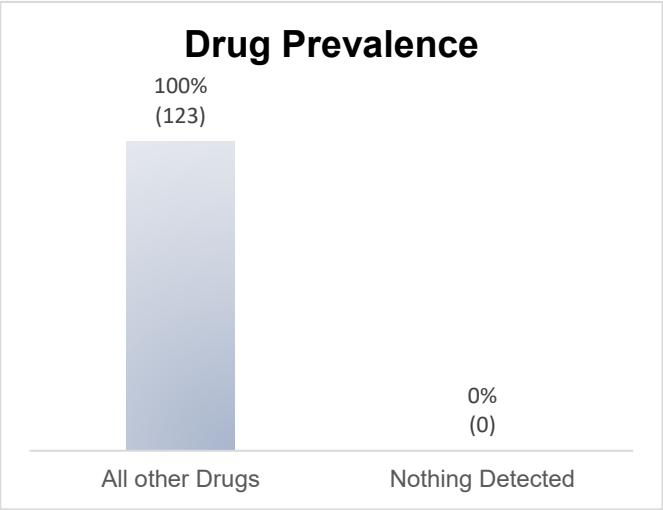
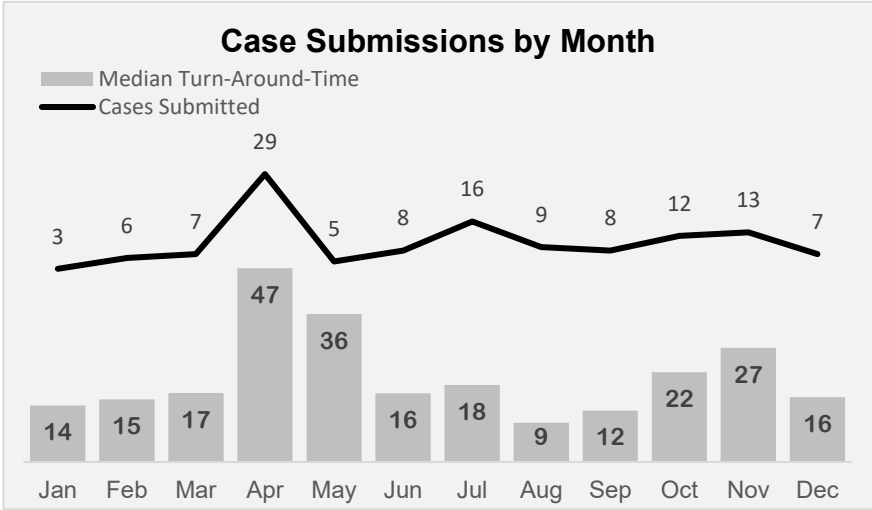
cc: Office of the City Administrator
enclosures: 11550 Data Report – 2024



11550 Cases

2024

123 Submitted Cases



Cases		Drug Class Prevalence		Cases	
121	98%	Amphetamines	Antihistamines	10 (1)	9%
25 (94)	97%	Opioids	Antipsychotics	5 (1)	5%
94 (11)	85%	Cocaine	Antidepressants	4 (1)	4%
58	47%	Anesthetics	Anticonvulsants	2 (1)	2%
		Veterinary			
55	45%	Tranquilizers	Muscle Relaxants	2	2%
43 (1)	36%	Cannabinoids	Barbiturates	1	1%
19 (6)	20%	Analgesics	Cardiacs	1	1%
9 (5)	11%	Benzodiazepines	Miscellaneous	1	1%

(Denotes where 2 or more of the same drug class was prevalent within same case)

Drug Prevalence		Cases	
Amphetamines	Amphetamine	95%	117
	Ephedrine / Pseudoephedrine	76%	94
	Methamphetamine	98%	120
	Norephedrine / Norpseudoephedrine	84%	103
Analgesics	Acetaminophen	19%	23
	Salicylic Acid	7%	8
Anesthetics	Lidocaine	32%	39
	Norlidocaine	46%	57
Anticonvulsants	Gabapentin	2%	3
	Lamotrigine	<1%	1
Antidepressants	Bupropion	<1%	1
	Fluoxetine	<1%	1
	Mirtazapine	<1%	1

Drug Prevalence		Cases	
Antihistamines	Norfluoxetine	<1%	1
	Paroxetine	<1%	1
	Sertraline	<1%	1
	Trazodone	2%	2
	Cetirizine / Levocetirizine	2%	2
	Chlorpheniramine	<1%	1
	Diphenhydramine	<1%	1
	Doxylamine	2%	3
	Norchlorcyclizine	5%	6
	Promethazine	<1%	1
Antipsychotics	9-Hydroxy Risperidone	5%	6
	Olanzapine	<1%	1
	Risperidone	<1%	1
Barbiturates	Phenobarbital	<1%	1



11550 Cases

2024

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Drug Prevalence		Cases	
Benzodiazepines			
	7-Amino Clonazepam	2%	2
	8-Amino Clonazolam	<1%	1
	alpha-Hydroxy Alprazolam	2%	3
	Alprazolam	3%	4
	Bromazolam	6%	7
	Flubromazepam	<1%	1
	Nordiazepam	4%	5
Cannabinoids			
	Carboxy THC	36%	44
	Tetrahydrocannabinol (THC)	<1%	1
	Tetrahydrocannabinol Acid (THCA)	2%	2
Cardiacs			
	Clonidine	<1%	1
Cocaine			
	Anhydroecgonine Methyl Ester	18%	22
	Benzoylecgonine	81%	100
	Cocaethylene	7%	9
	Cocaine	54%	67
	meta-Hydroxy Cocaine / para-Hydroxy Cocaine	49%	60
	Norcocaine	17%	21
Fentanyl			
	Fentanyl	80%	99
	Norfentanyl	90%	111
Fentanyl Analogs			
	[meta-/ortho-/para-]Fluoro Fentanyl	50%	61
	Acetyl Fentanyl	41%	50
	para-Fluoro Norfentanyl	61%	75
Miscellaneous			
	Tetrahydrozoline	<1%	1
Muscle Relaxants			
	Scopolamine	2%	2
Opioids			
	6-Monoacetylmorphine (6-MAM)	<1%	1
	Buprenorphine	6%	7
	Codeine	4%	5
	Dextromethorphan / Levomethorphan	3%	4
	Dextrorphan / Levorphanol	2%	3
	EDDP (Methadone Metabolite)	2%	2
	Hydrocodone	2%	2
	Methadone	2%	3
	Morphine	8%	10
	Naloxone	2%	2
	Norbuprenorphine	9%	11
	Norcodeine	2%	3
	Noroxymorphone	<1%	1
	O-Desmethyl-Tramadol	2%	2
	Tramadol	5%	6
Veterinary Tranquilizers			
	Xylazine	45%	55