OVERDOSE RESPONSE CENTER

Delaware Street Drug Report

2025 Annual Report

#2026-09

Executive Summary:

The Overdose Response Center successfully tested 870 samples during 2025, detecting 50 individual compounds. The most commonly detected illicit drug was fentanyl, which was found in 65.6% of all samples. The most frequent type of sample submitted was a drug bag, accounting for 294 samples. The highest number of samples were tested in May, with a total of 127. The most commonly detected compound combination was cocaine only, representing 15% of all samples. Only 60% of samples were linked with an identifiable stamp. The most frequently tested stamp was “Hey Yes,” which appeared on 34 total samples during 2025. The most commonly detected compound combination among identified stamps was Fentanyl, Medetomidine, and Tetracaine. The average monthly sample size for the year was 72.5, compared to a median sample size of 85.

Disclaimer:

Street Drug Reports are for risk mitigation and educational purposes only and should not be used for professional or publication use. The data included is from sporadic drug residue testing across various locations in Delaware and should not be over generalized. Stamp names are not universal or consistent in the street supply and are provided here for reference only. It also should be noted that all testing shows the occurrence of a compound (qualitative testing), not the volume of that compound within a sample (quantitative testing). Sample sizes varied by month.

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DIVISION OF SUBSTANCE ABUSE AND MENTAL HEALTH

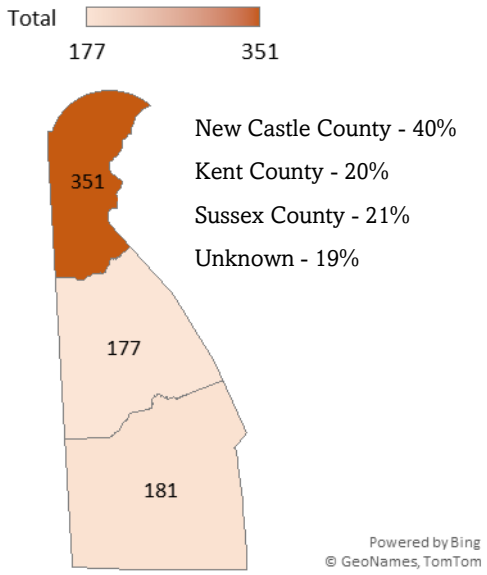
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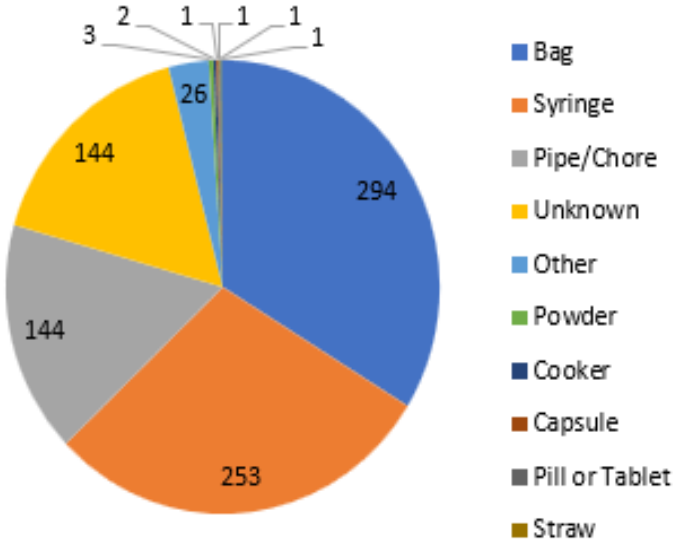
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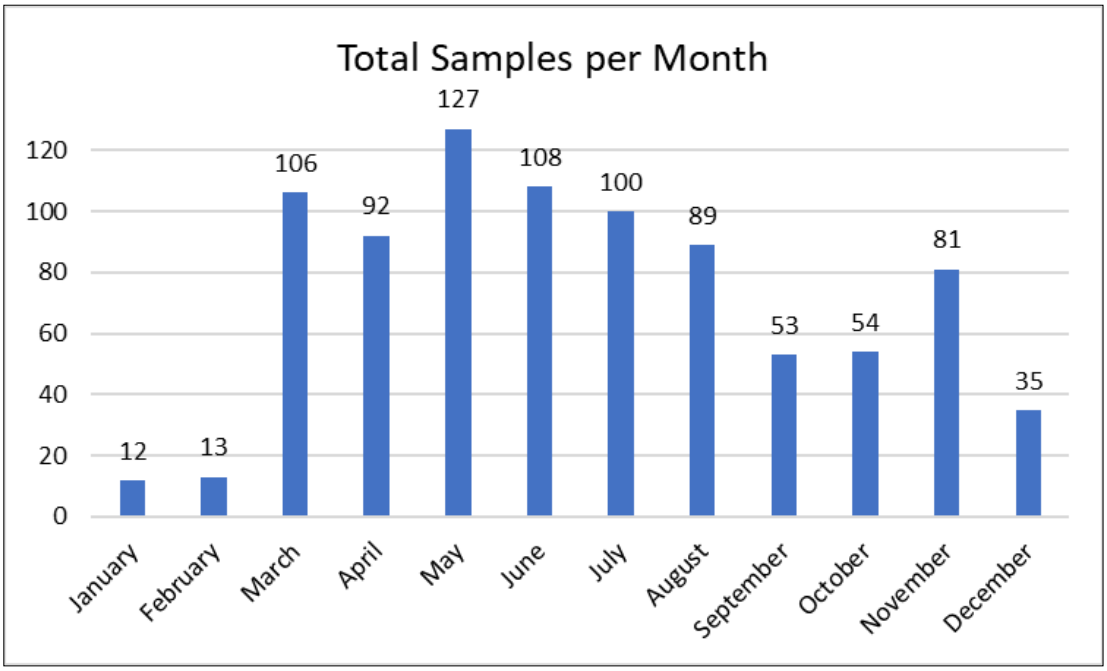
Sample Location/Type Breakdown

Total Samples by County



Types of Samples Collected





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Contact: ORC@delaware.gov

Approved: 30 April 2026

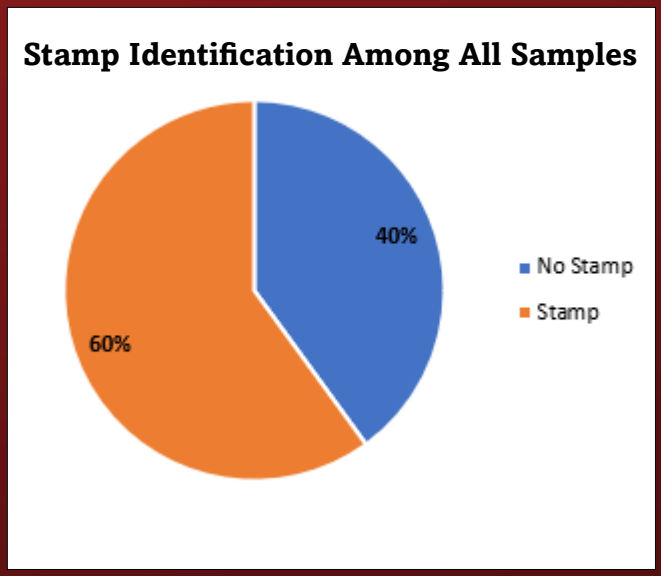
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Substances Detected

From all 870 samples during 2025, the ORC detected **50** unique compounds, with an average of **3.6** compounds detected per sample.



Most Common Illicit Drugs Detected

Compound	Total Count	% of Total
Fentanyl	571	65.6%
4-ANPP	245	28.2%
Cocaine	229	26.3%
Methamphetamine	89	10.2%
Heroin	82	9.4%
6-Monoacetylmorphine	34	3.9%
N,N-Dimethylamphetamine	16	1.8%

Compound	Total Count	% of Total
Benzoylecgonine	15	1.7%
Ethyl 4-ANPP	9	1.0%
Methylecgonine	7	0.8%
Fluorofentanyl	4	0.5%
Phenethyl 4-ANPP	4	0.5%
Methyl Fentanyl	3	0.3%
Despropionyl Methylfentanyl	2	0.2%

Most Common Adulterants Detected

Compound	Total Count	% of Total
Medetomidine	447	51.4%
Tetracaine	345	39.7%
Procaine	202	23.2%
Lidocaine	164	18.9%
Xylazine	130	14.9%
Caffeine	84	9.7%
Mannitol	84	9.7%

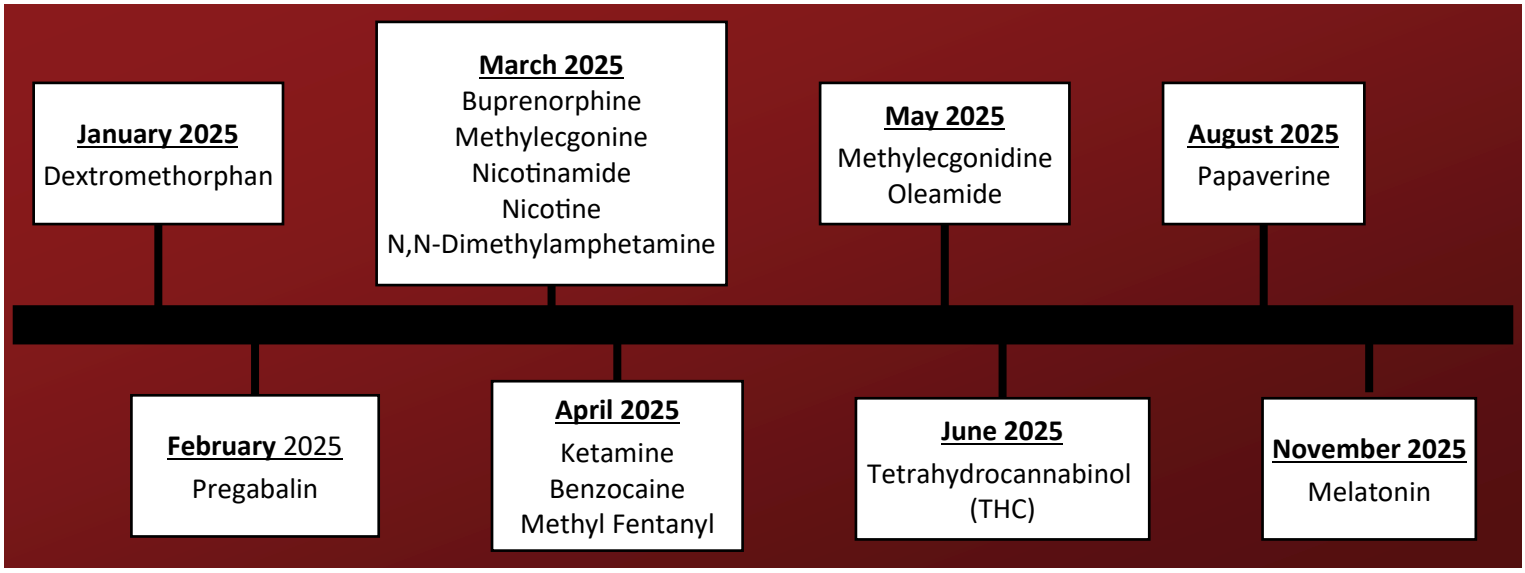
Compound	Total Count	% of Total
Acetaminophen	79	9.1%
BTMPS	68	7.8%
Quinine	36	4.1%
Pregabalin	35	4.0%
Phenacetin	30	3.4%
Diphenhydramine	17	2.0%
Levamisole	6	0.7%

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Newly Identified Compounds



Most Common Compound Combinations

1. **Cocaine Only - 15% (129)**
2. **4-ANPP, Fentanyl, Medetomidine - 9% (78)**
3. **Fentanyl, Medetomidine, Tetracaine - 8% (73)**
4. **Methamphetamine Only - 5% (47)**
5. **Fentanyl, Medetomidine, Procaine - 5% (43)**
6. **4-ANPP, Caffeine, Fentanyl - 4% (31)**
7. **4-ANPP, Cocaine, Fentanyl - 2% (17)**
8. **BTMPS, Fentanyl, Medetomidine - 2% (17)**
9. **Fentanyl, Lidocaine, Medetomidine - 2% (16)**
10. **4-ANPP, Fentanyl, Mannitol - 2% (15)**

2025 Substance Highlights

The Overdose Response Center began releasing Monthly Street Drug Reports in March 2025 and published 10 reports in total during the year. Various compounds were highlighted that had recently emerged or were noted as substances of concern. These include the following and the percent detected across all samples:

1. Local Anesthetics - Tetracaine, Procaine, or Lidocaine (97%)
2. Medetomidine (59%)
3. Tetracaine (44%)
4. Cocaine (33%)
5. BTMPS (11%)
6. Methamphetamine (11%)
7. Pregabalin (5%)
8. Quinine (4%)
9. N,N-Dimethylamphetamine (2%)
10. Dextromethorphan (1%)
11. Levamisole (1%)
12. Ortho-Fluorofentanyl (1%)

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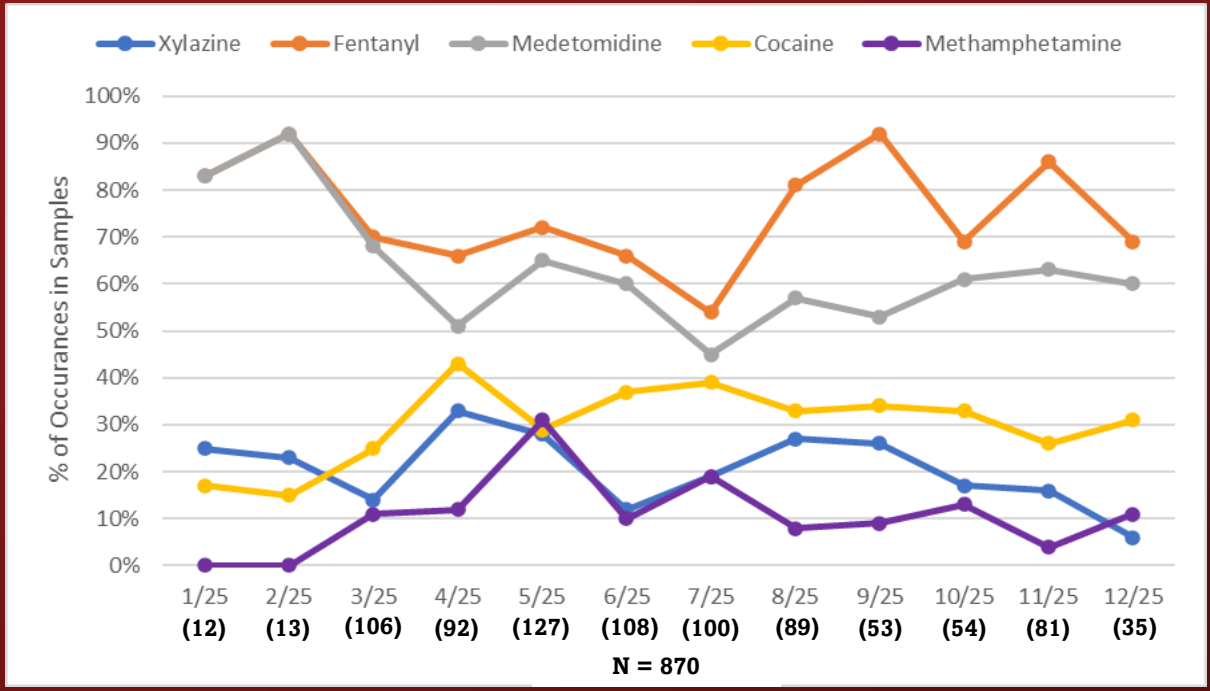
Most Frequently Tested Stamps

The selected stamps below were the most frequently tested stamps identified in 2025 and their most common compound combination. Overall, the most common compound combination for these stamps was Fentanyl, Medetomidine, and Tetracaine (13% across all samples). Compounds detected within a sample vary widely, even in stamps of the same name. The percentage of times the most common compound combination occurred within these most frequently tested stamps (or the consistency percentage) is also listed below.

Select Stamps (# of Samples)	Consistency	Most Common Compounds Detected
Hey Yes (34)	32%	4-ANPP, Fentanyl, Medetomidine, Pregabalin
Get Hooked (20)	37%	Fentanyl, Medetomidine, Tetracaine
Gucci (19)	58%	Fentanyl, Medetomidine, Tetracaine
Boss Man (16)	13%	Caffeine, Fentanyl, Heroin, Lidocaine
NFL (16)	6%	4-ANPP, Caffeine, Fentanyl, Heroin, Lidocaine, Medetomidine, Procaine
The Arrow (15)	36%	4-ANPP, Fentanyl, Medetomidine, Pregabalin
Sexy (14)	21%	4-ANPP, Fentanyl, Medetomidine, Tetracaine
Mr. Beast (11)	45%	4-ANPP, Caffeine, Fentanyl, Medetomidine, Xylazine
700 (9)	33%	Fentanyl, Medetomidine, Procaine, Tetracaine
Blue Magic (9)	18%	4-ANPP, Acetaminophen, Fentanyl, Lidocaine, Medetomidine, Procaine,
Goya (9)	33%	Fentanyl, Medetomidine, Tetracaine
Joker (9)	22%	4-ANPP, Fentanyl, Heroin, Medetomidine, Phenacetin, Procaine, Tetracaine
Great Value (8)	38%	4-ANPP, Diphenhydramine, Fentanyl, Medetomidine, Tetracaine
Homerun (8)	38%	4-ANPP, Fentanyl, Quinine
Arrow (7)	22%	4-ANPP, Fentanyl, Medetomidine, Pregabalin

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Street Drug Trends Over Time



- Fentanyl consistently had the highest percentage of occurrences throughout the year, despite some fluctuations. There was a slight decline in Spring/ early Summer, and detection rates peaked in September.
- Medetomidine began at similarly high levels to fentanyl, but declined quickly to a relatively stable 57% average detection rate for the remainder of the year.

	Start	Peak	End	Trend
Xylazine	25%	33%	6%	↓
Fentanyl	83%	92%	69%	↓
Medetomidine	83%	92%	60%	↓
Cocaine	17%	43%	31%	↑
Methamphetamine	0%	31%	11%	↑

- Cocaine started the year detected at lower levels and then quickly increased to a peak in April before going relatively stable at an average of 33% for the remainder of the year.
- Xylazine showed moderate variability during the year, with a brief increase in the spring, however maintained a general downward trend in detection, ending December at the lowest detection rate of 2025.
- Methamphetamine was not detected at the start of the year, however, increased to a peak in May before starting a relatively stable detection rates, at an average of 10% the rest of the year.

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