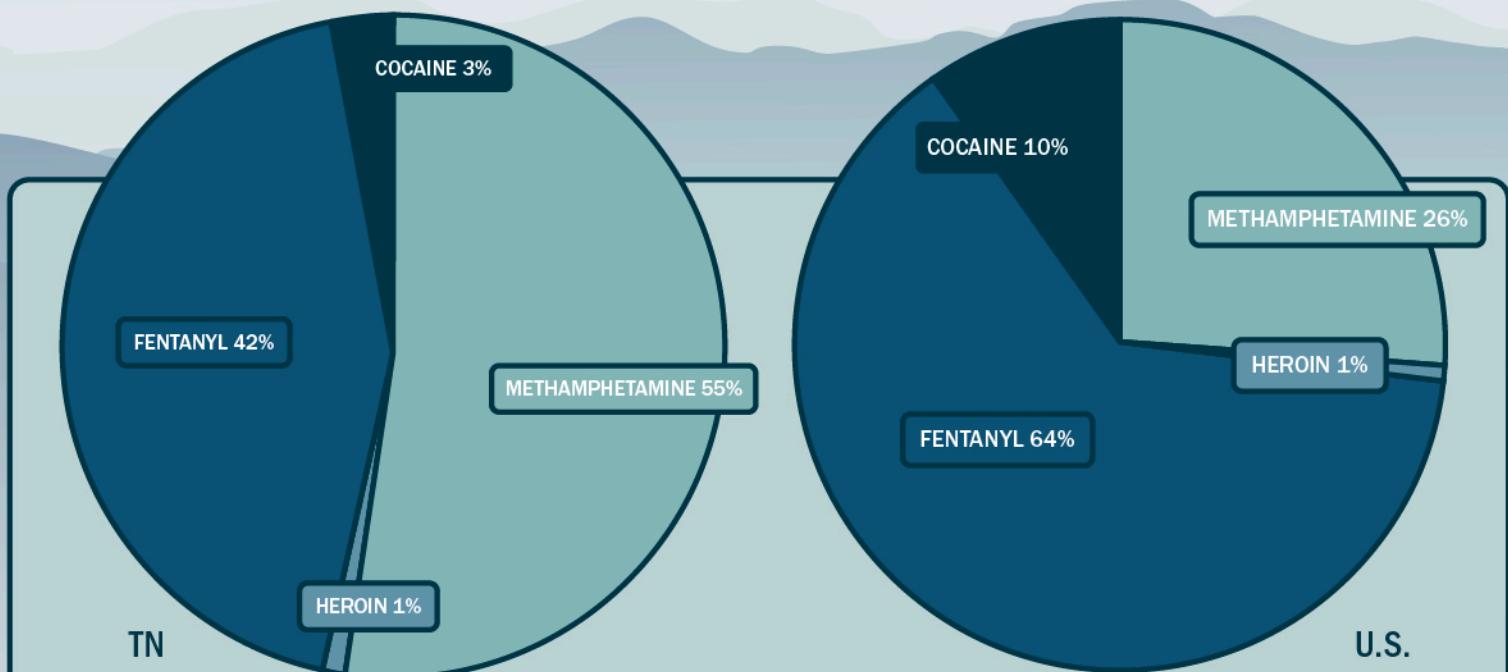


# SPRING EDITION SPECIAL REPORT

## TENNESSEE OVERDOSE RESPONSE STRATEGY TEAM



### TENNESSEE VS UNITED STATES

#### Q4 2024 DRUG SEIZURES IN POTENTIAL LETHAL DOSES

Methamphetamine made up over half of Tennessee's potential lethal drug doses—more than twice the national rate—while fentanyl led nationally, revealing a striking difference in drug threats.

## 2024 4TH QUARTER KEY FINDINGS

**85%** POTENTIAL LETHAL  
DOSES SEIZED

Just four counties—Shelby, Davidson, Hamilton, and Knox—accounted for over 85% of Tennessee's potential lethal drug doses in late 2024.



**730,529**

potential lethal doses of  
**FENTANYL** in Davidson County,  
followed by **555,936** in Hamilton,  
**468,779** in Knox, and **198,771** in  
Shelby County.



**2.38 MILLION**

potential lethal doses of  
**METHAMPHETAMINE** in Shelby  
County and **163,202** in Coffee  
County.



**106,009**

potential lethal doses of  
**COCAINE** in Shelby County and  
**18,563** in Davidson County.



**53,616**

potential lethal doses of  
**HEROIN** in Shelby County and  
**2,948** in Greene County.

## ESTIMATED POTENTIAL LETHAL DOSES OF ILLICIT DRUGS SEIZED IN TENNESSEE BY HIDTA TASK FORCES IN 4TH QTR OF 2024

County	Cocaine	Methamphetamine	Fentanyl	Heroin	Total
*Shelby	106,009	2,380,285	198,771	53,616	2,738,681
*Davidson	18,563	102,783	730,529	1,392	853,266
*Hamilton	337	8,852	555,936	-	565,126
*Knox	2,401	17,402	468,779	272	488,854
Coffee	2	163,202	-	-	163,204
*Greene	35	23,046	114,922	2,948	140,951
*Washington	1,463	95,681	3,264	-	100,408
*Cumberland	76	3,158	18,781	-	22,015
*Putnam	68	522	21,168	-	21,758
*Sullivan	3	458	17,165	-	17,625
*Anderson	7	3,796	-	171	3,973
*Roane	-	3,636	-	-	3,636
Montgomery	-	2,149	192	-	2,341
Warren	-	1,628	-	-	1,628
Wilson	-	-	1,344	-	1,344
*Jefferson	-	1,095	-	47	1,142
*Rhea	-	825	-	-	825
*Cocke	-	729	-	-	729
Henderson	335	-	-	-	335
*Blount	-	227	-	-	227
Williamson	26	-	94	-	120
*Campbell	-	114	-	-	114
Clay	-	111	-	-	111
*Pickett	-	52	-	-	52
Rutherford	41	-	-	-	41
*Jackson	-	17	-	-	17
Carter	8	-	-	-	8

\* Denotes HIDTA County

Note: Elevated totals in Shelby County are disproportionately affected by the presence of a national transportation hub in Memphis, which serves as a central distribution point for domestic and international parcel shipments.

Note. Potential lethal dose conversion estimates are based on a Drug Threat Analysis Group (DTAG) model using the formula:  $(\text{Mass in kg} \times 1,000,000 \times \text{Purity Fraction}) / \text{Lethal Dose (mg)}$ . Assumptions include: cocaine - 85% purity, 1,200 mg LD; methamphetamine - 94.7% purity, 200 mg LD; heroin - 70% purity, 7.5 mg LD; fentanyl - 19.2% purity, 2 mg LD. These figures reflect ongoing internal research and are subject to refinement. Source: DTAG, unpublished data, 2025.

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