

**Table 1: Number and Percentage of Drugs Involved in Unintentional Drug Overdose Deaths, Connecticut, 2012-2023**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Change in value 2022-2023	% change 2022-2023
Accidental Intoxication Deaths* TOTAL	357	495	568	729	917	1038	1017	1200	1374	1524	1452	1329	-123	-8.5
<b>OPIOIDS</b>														
-Any opioid in any death**	298	419	513	663	861	961	948	1127	1273	1413	1339	1217	-122	-9.1
% Intoxication deaths with an opioid	83%	85%	90%	91%	94%	93%	93%	94%	93%	93%	92%	92%		
-Fentanyl in any death	14	37	75	189	483	677	760	979	1159	1312	1253	1124	-129	-10.3
% Intoxication deaths with fentanyl	4%	8%	13%	26%	53%	65%	75%	82%	84%	86%	86%	85%		
-Fentanyl + Cocaine	2	16	14	42	143	220	270	393	447	561	599	620	21	3.5
-Fentanyl + Heroin	1	9	37	110	279	333	303	339	243	153	119	103	-16	-13.4
-Fentanyl/Opioid Analogues***	ND	ND	ND	13	70	142	254	146	58	131	76	179	103	135.5
-Heroin, Morphine and/or Codeine	195	286	349	446	541	498	407	400	274	176	138	112	-26	-18.8
-Heroin in any death	174	258	327	417	508	474	391	387	262	165	125	106	-19	-15.2
% Intoxication deaths with heroin	49%	52%	58%	57%	55%	46%	38%	32%	19%	11%	9%	8%		
-Heroin + Fentanyl	1	9	37	110	279	333	303	339	243	153	119	103	-16	-13.4
-Heroin + Cocaine	50	69	73	107	153	169	134	143	100	58	43	45	2	4.7
-Morphine/Opioid/Codeine NOS	21	28	22	29	33	24	16	13	12	11	13	6	-7	-53.8
-Methadone in any death	33	48	51	71	84	99	88	92	120	128	124	140	16	12.9
-Oxycodone in any Death	71	75	107	95	110	95	62	92	95	83	73	67	-6	-8.2
% Intoxication deaths with Oxycodone	20%	15%	19%	13%	12%	9%	6%	8%	7%	5%	5%	5%		
-Hydrocodone in any death	15	19	15	20	20	15	14	14	13	10	8	6	-2	-25.0
-Hydromorphone in any death	1	0	12	17	22	16	9	14	12	5	11	10	-1	-9.1
- Any Opioid + Benzodiazepine	41	60	140	221	232	313	249	269	286	275	246	204	-42	-17.1
% Intoxication deaths with opioid + benzodiazepine	11%	12%	25%	30%	25%	30%	25%	22%	21%	18%	17%	15%		
Buprenorphine	ND	ND	5	13	25	19	24	35	51	34	26	35	9	34.6
<b>STIMULANTS</b>														
-Cocaine in any death	105	147	126	177	274	347	345	463	529	656	684	724	40	5.8
% Intoxication deaths with cocaine	29%	30%	22%	24%	30%	33%	34%	39%	39%	43%	47%	55%		
-Amphetamine/Methamphetamine	7	5	11	20	19	37	56	70	95	87	74	71	-3	-4.1
-MDMA (Ecstasy)	0	0	2	1	1	3	4	4	3	1	1	2	1	
<b>OTHER EMERGING DRUGS</b>														
Xylazine (veterinary tranquilizer)****	ND	ND	ND	ND	ND	ND	ND	71	140	301	351	286	-65	-18.5
% Intoxications deaths with Xylazine								6%	10%	20%	24%	22%		
Carfentanil (fentanyl analog) <sup>^</sup>	ND	ND	ND	ND	ND	7	0	0	2	1	0	7	7	N/A
Nitazene (synthetic opioid) <sup>^^</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1	8	7	N/A
Bromazolam (Designer Benzodiazepine) <sup>^^^</sup>	ND	ND	ND	ND	ND	1	3	0	3	5	5	30	25	500.0

Data Source: Office of the Chief Medical Examiner

\* Total number of unintentional drug overdose deaths in which pure ethanol intoxications are not included. Some deaths have combinations of different drugs.

\*\* Any opioid includes: Heroin, Fentanyl, Fentanyl analogues, Hydrocodone, Methadone, Oxycodone, and Morphine.

\*\*\* Includes Acetyl Fentanyl, Furanyl Fentanyl, Carfentanil, Fluorobutryl Fentanyl, Butryl Fentanyl, Methoxyacetyl Fentanyl, Para-Fluorofentanyl, and U47700.

\*\*\*\* Xylazine, a veterinary tranquilizer, is an adulterant seen since 2019.

<sup>^</sup> Carfentanil, an analog of fentanyl, is 100 times more potent than fentanyl

<sup>^^</sup> Nitazene(s) (e.g. Isotonitazene, Protonitazene) are synthetic opioids and more potent than fentanyl

<sup>^^^</sup> Designer benzodiazepines (e.g. Bromazolam) have similar chemical structures and clinical effects to “traditional” benzodiazepines but are much more potent.

**Note:** 1) Percent difference is calculated by difference between the years using the formula (Value2-Value1)/Value1\*100.

2) Percent difference in red color indicates increase and in green color indicates decrease.

3) ND: Not Detected.

4) N/A Not Applicable

Data updated on 5/14/2024



**Table 2: Percentage of Drugs Involved in Unintentional Drug Overdose Deaths, Connecticut, 2012-2023**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Accidental Intoxication Deaths* TOTAL	357	495	568	729	917	1038	1017	1200	1374	1524	1452	1329
<b>OPIOIDS</b>	% of Total											
-Any opioid in any death**	83.5	84.6	90.4	91.4	93.2	92.6	93.2	93.9	92.6	92.7	92.3	92.0
-Fentanyl in any death	3.9	7.5	13.2	25.9	52.7	65.2	74.7	81.6	84.4	86.1	86.3	85.0
-Fentanyl + Cocaine	0.6	3.2	2.5	5.8	15.6	21.2	26.5	32.8	32.5	36.8	41.3	46.7
-Fentanyl + Heroin	0.3	1.8	6.5	15.1	30.4	32.1	29.8	28.3	17.7	10.0	8.2	7.8
-Fentanyl/Opioid Analogues***	ND	ND	ND	1.8	7.6	13.7	25.0	12.2	4.2	8.6	5.2	13.4
-Heroin, Morphine and/or Codeine	54.6	57.8	61.4	61.2	59.0	48.0	40.0	33.3	19.9	11.5	9.5	8.4
-Heroin in any death	48.7	52.1	57.6	57.2	55.4	45.7	38.4	32.3	19.1	10.8	8.6	8.0
-Heroin + Fentanyl	0.3	1.8	6.5	15.1	30.4	32.1	29.8	28.3	17.7	10.0	8.2	7.8
-Heroin + Cocaine	14.0	13.9	12.9	14.7	16.7	16.3	13.2	11.9	7.3	3.8	3.0	3.4
-Morphine/Opioid/Codeine NOS	5.9	5.7	3.9	4.0	3.6	2.3	1.6	1.1	0.9	0.7	0.9	0.5
-Oxycodone in any Death	19.9	15.2	18.8	13.0	12.0	9.2	6.1	7.7	6.9	5.4	8.5	5.0
-Methadone in any death	9.2	9.7	9.0	9.7	9.2	9.5	8.7	7.7	8.7	8.4	8.5	10.5
-Hydrocodone in any death	4.2	3.8	2.6	2.7	2.2	1.4	1.4	1.2	0.9	0.7	0.6	0.5
-Hydromorphone in any death	0.3	0.0	2.1	2.3	2.4	1.5	1.4	1.2	0.9	0.3	0.8	0.8
-Any Opioid + Benzodiazepine	11.5	12.1	24.6	30.3	25.3	30.2	24.5	22.4	20.8	18.0	16.9	15.3
Buprenorphine	ND	ND	0.9	1.8	2.7	1.8	2.4	2.9	3.7	2.2	1.8	2.6
<b>STIMULANTS</b>												
-Cocaine in any death	29.4	29.7	22.2	24.3	29.9	33.4	33.9	38.6	38.5	43.0	47.1	51.5
-Amphetamine/Methamphetamine	2.0	1.0	1.9	2.7	2.1	3.6	5.5	5.8	6.9	5.7	5.1	5.6
-MDMA (Ecstasy)	0.0	0.0	0.4	0.1	0.1	0.3	0.4	0.3	0.2	0.1	0.1	0.1
<b>OTHER EMERGING DRUGS</b>												
Xylazine (veterinary tranquilizer)****	ND	ND	ND	ND	ND	ND	ND	5.8	10.2	19.8	24.2	26.4
Carfentanil (fentanyl analog)^	ND	ND	ND	ND	ND	0.7	0	0	0.2	0.1	0	0.5
Nitazene(s) (synthetic opioid)^^	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.1	0.6
Bromazolam (Designer Benzodiazepine)^^	ND	ND	ND	ND	ND	0.1	0.3	0	0.2	0.3	0.4	2.3

**Data Source: Office of the Chief Medical Examiner**

\*Total number of unintentional drug overdose deaths in which pure ethanol intoxications are not included. Some deaths have combinations of different drugs

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^^^ Designer benzodiazepines (e.g. Bromazolam) have similar chemical structures and clinical effects to "traditional" benzodiazepines but are much more potent.

**Note:** 1) Table 2 represents the percentages of different substances involved in unintentional drug overdose deaths, calculated based on the total number of deaths for that year .

2) Percent difference is calculated by difference between the years using the formula (Value2-Value1)/Value1\*100.

3) Percent difference in red color indicates increase and in green color indicates decrease.

4) ND: Not Detected.

Data updated on 5/14/2024

