

SUPPLEMENTARY TABLE 2. Frequency of reported reasons for reported single-substance and multiple-substance kratom exposure among persons aged ≥12 years by year and hospitalization and death, and, among persons multiple-substance exposures, by drugs used in multiple exposures — National Poison Data System, United States, 2015–2025

Characteristic	No. by year											Total (%)
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
Single-substance exposures* (N = 8,936)												
Reason for exposure among all single-substance exposures												
Intentional abuse/misuse	105	193	285	477	478	464	497	443	412	511	1,109	4974 (55.7)
Adverse reactions	20	34	47	94	140	98	122	104	94	114	185	1052 (11.8)
Unintentional	13	29	37	75	66	59	80	69	103	88	246	865 (9.7)
Withdrawal	11	21	22	46	48	48	42	41	54	87	441	861 (9.6)
Suspected suicide	8	12	18	27	51	40	59	57	58	55	103	488 (5.5)
Intentional unknown	7	22	25	32	39	37	40	44	39	35	82	402 (4.5)
Unknown	4	6	14	17	36	22	33	30	33	16	59	270 (3.0)
Other	0	1	1	4	4	2	6	0	1	1	4	24 (0.3)
Multiple-substance exposures† (N = 5,512)												
Reason for exposure among all multiple-substance exposures												
Intentional abuse/misuse	46	106	140	230	273	267	301	242	257	276	566	2,704 (49.1)
Suspected suicide	17	36	46	94	109	93	143	127	149	156	274	1,244 (22.6)
Adverse reactions	6	6	10	31	24	40	32	38	47	44	59	337 (6.1)
Intentional unknown	11	5	18	31	28	43	39	34	32	29	57	327 (5.9)
Unintentional	5	6	13	24	22	28	37	34	49	40	100	358 (6.5)
Unknown	3	10	10	20	25	24	29	27	30	36	55	269 (4.9)
Withdrawal	1	9	10	10	11	17	23	18	33	34	93	259 (4.7)
Other	1	0	0	0	1	0	2	0	8	1	1	14 (0.3)
Other common substances§ used among persons who were hospitalized (N = 2,630)												
Ethanol	7	29	28	53	73	62	71	64	62	75	149	673 (26)
Benzodiazepines	7	20	28	32	54	43	45	40	40	51	89	449 (17)
Antidepressants	12	11	19	40	40	33	41	34	60	73	74	437 (17)
Opioids	7	27	16	27	48	39	47	34	32	42	50	369 (14)
Stimulants	7	9	17	31	37	37	56	26	31	29	48	328 (12)
Cannabis/Cannabinoids	3	6	11	16	21	22	42	42	31	37	66	298 (11)
Other common substances§ used among persons who died (N = 184)												
Opioids	0	1	6	10	7	29	35	9	10	6	1	114 (62)
Benzodiazepines	0	1	2	1	4	10	10	2	2	4	1	37 (20)
Stimulants	0	0	1	4	3	5	12	1	7	1	3	37 (20)
Ethanol	0	2	1	4	4	5	13	1	2	1	2	35 (19)
Antidepressants	0	1	2	5	0	5	5	3	1	4	2	28 (15)
Gabapentin	0	0	0	1	0	3	4	0	3	0	1	12 (7)

* Kratom was the only substance reported

† Kratom and other substance(s) reported for the same exposure

§ Other substances listed represent the six most frequently reported co-exposures among hospitalized persons (N = 2,630) or persons who died (N = 184). Percentages are calculated using the respective subgroup denominator. Because multiple substances may be reported per case, the total number of substances exceeds the number of persons hospitalized and persons who died.