

Nonfatal Hospital Visits with a Cannabis Poisoning Code

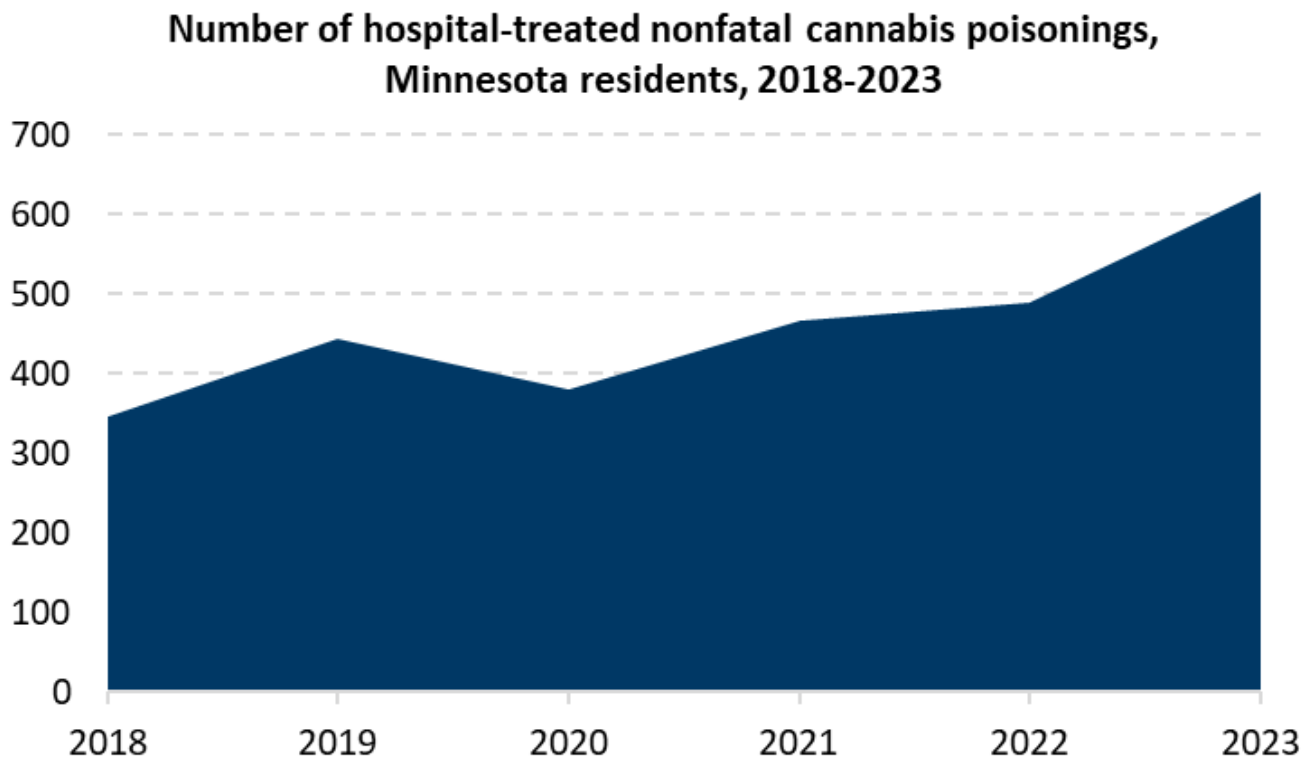
JUNE 2024 UPDATE

Annual Trends

Table 1. Number of hospital-treated nonfatal cannabis poisonings, by intent and year, Minnesota residents, 2018-2023

	2018	2019	2020	2021	2022	2023
Cannabis poisonings (all intents)	347	443	381	467	490	628
Cannabis poisonings (excl self-harm)	324	419	367	438	457	600
Cannabis poisonings related to self-harm	23	24	14	29	33	28

Figure 1. Number of hospital-treated nonfatal cannabis poisonings, by year, Minnesota residents, 2018-2023

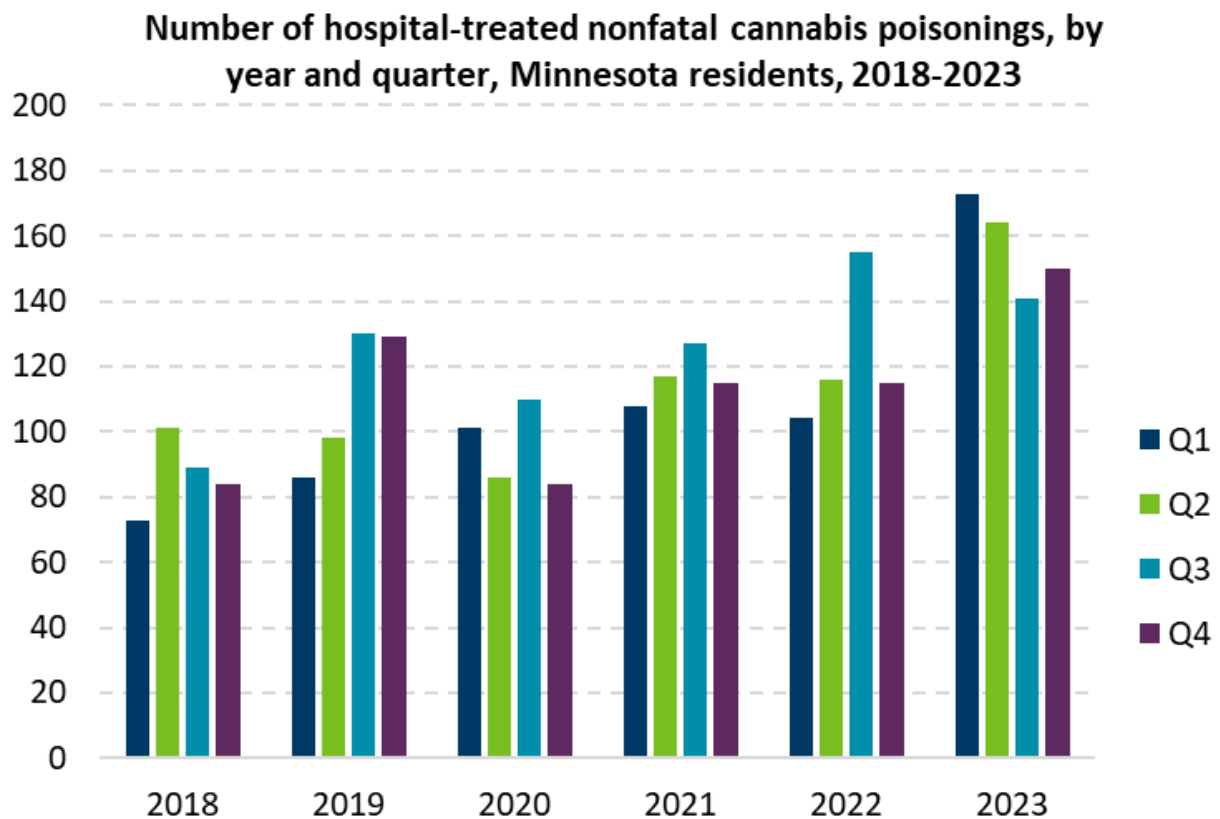


Quarterly Trends

Table 2. Number of hospital-treated nonfatal cannabis poisonings, by year and quarter, Minnesota residents, 2018-2023

	2018	2019	2020	2021	2022	2023
Quarter 1	73	86	101	108	104	173
Quarter 2	101	98	86	117	116	164
Quarter 3	89	130	110	127	155	141
Quarter 4	84	129	84	115	115	150

Figure 2. Number of hospital-treated nonfatal cannabis poisonings, by year and quarter, Minnesota residents, 2018-2023

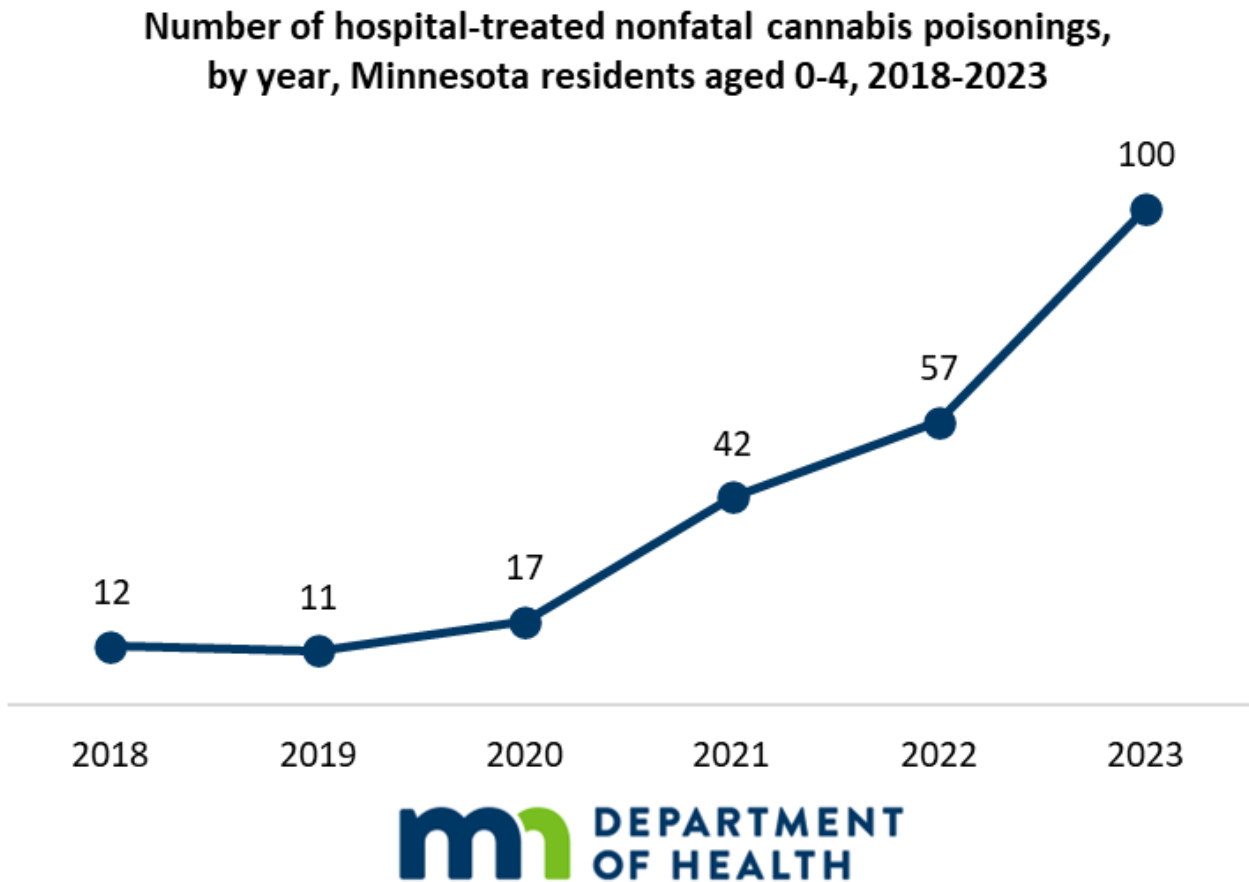


Source: Minnesota Hospital Discharge Data, Injury and Violence Prevention Section, Minnesota Department of Health, 2018-2023.

Table 3. Number of hospital-treated nonfatal cannabis poisonings, by year and quarter, Minnesota residents aged 0 to 4, 2018-2023

	2018	2019	2020	2021	2022	2023
Quarter 1	6	5	*	14	12	28
Quarter 2	*	*	*	9	10	25
Quarter 3	6	6	6	10	16	19
Quarter 4	*	*	11	9	19	28
Annual	12	11	17	42	57	100

Figure 3. Number of hospital-treated nonfatal cannabis poisonings, by year, Minnesota residents aged 0 to 4, 2018-2023



Source: Minnesota Hospital Discharge Data, Injury and Violence Prevention Section, Minnesota Department of Health, 2018-2023.

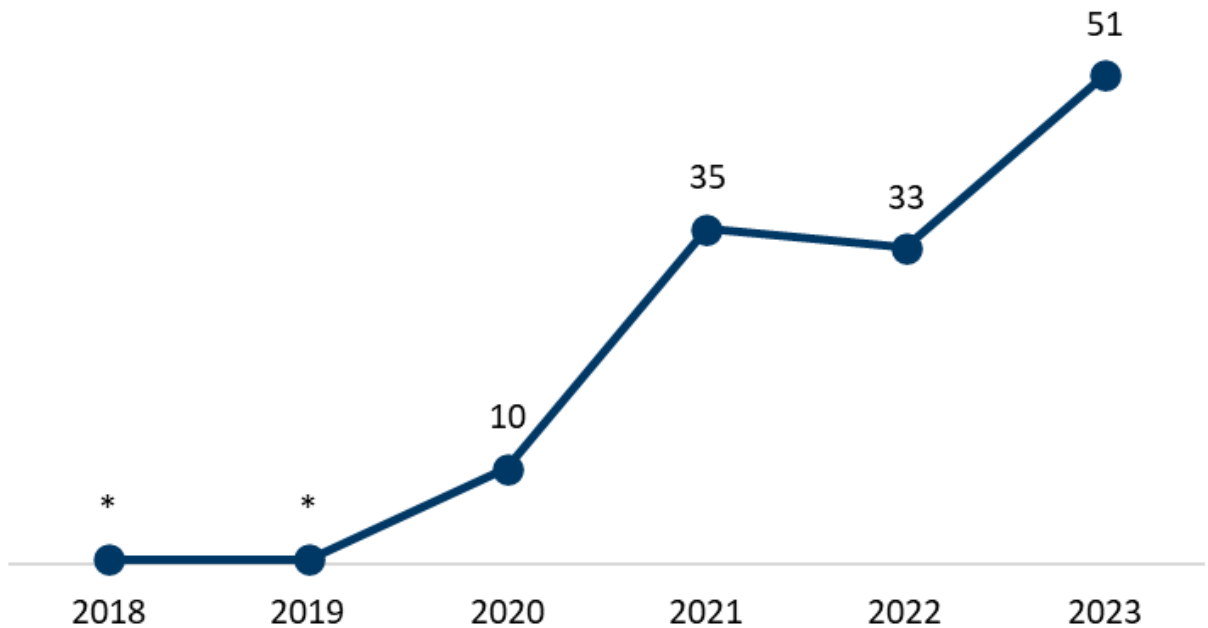
Table 4. Number of hospital-treated nonfatal cannabis poisonings, by year and quarter, Minnesota residents aged 5 to 11, 2018-2023

HOSPITAL-TREATED NONFATAL CANNABIS POISONING DATA

	2018	2019	2020	2021	2022	2023
Quarter 1	*	*	*	5	*	9
Quarter 2	*	*	*	9	11	13
Quarter 3	*	*	*	12	11	15
Quarter 4	*	*	*	9	*	14
Annual	*	*	10	35	33	51

Figure 4. Number of hospital-treated nonfatal cannabis poisonings, by year, Minnesota residents aged 5 to 11, 2018-2023

Number of hospital-treated nonfatal cannabis poisonings, by year, Minnesota residents aged 5-11, 2018-2023



Source: Minnesota Hospital Discharge Data, Injury and Violence Prevention Section, Minnesota Department of Health, 2018-2023.

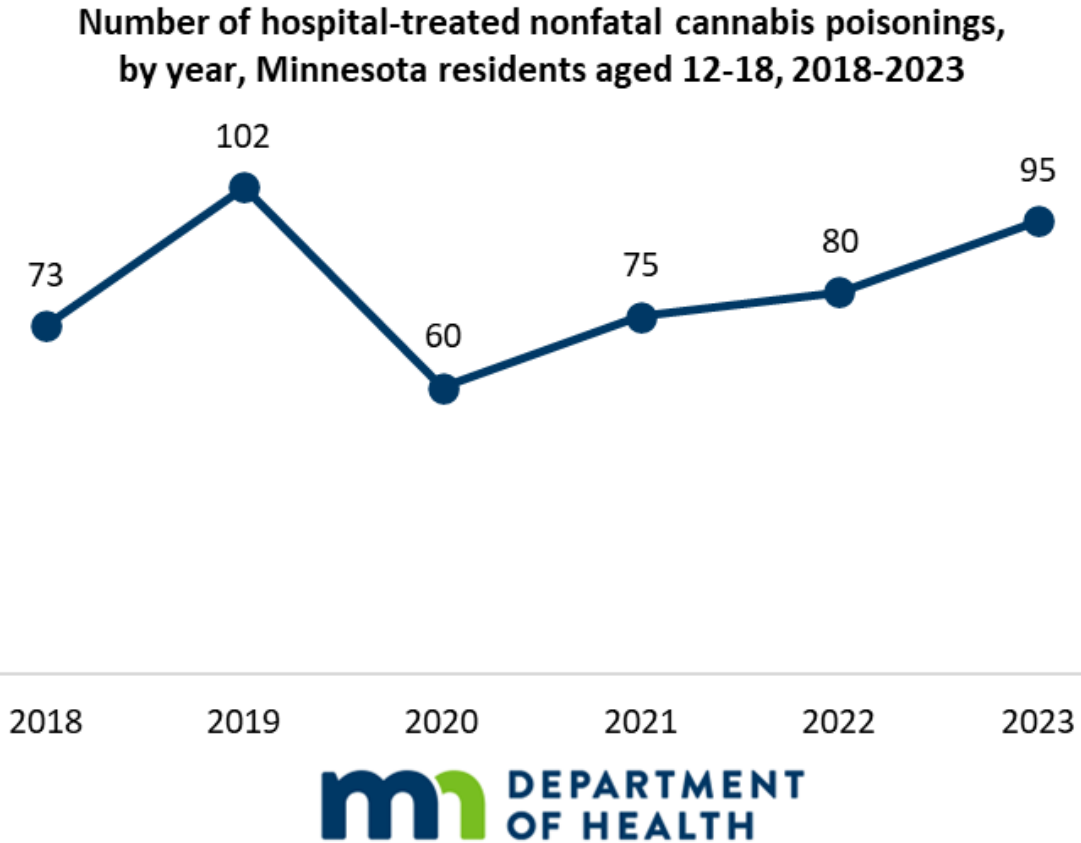
Table 5. Number of hospital-treated nonfatal cannabis poisonings, by year and quarter, Minnesota residents aged 12 to 18, 2018-2023

	2018	2019	2020	2021	2022	2023
Quarter 1	12	10	18	16	17	24
Quarter 2	20	22	8	23	18	34

HOSPITAL-TREATED NONFATAL CANNABIS POISONING DATA

	2018	2019	2020	2021	2022	2023
Quarter 3	24	39	21	14	21	14
Quarter 4	17	31	13	22	24	23
Annual	73	102	60	75	80	95

Figure 5. Number of hospital-treated nonfatal cannabis poisonings, by year, Minnesota residents aged 12 to 18, 2018-2023



Source: Minnesota Hospital Discharge Data, Injury and Violence Prevention Section, Minnesota Department of Health, 2018-2023.

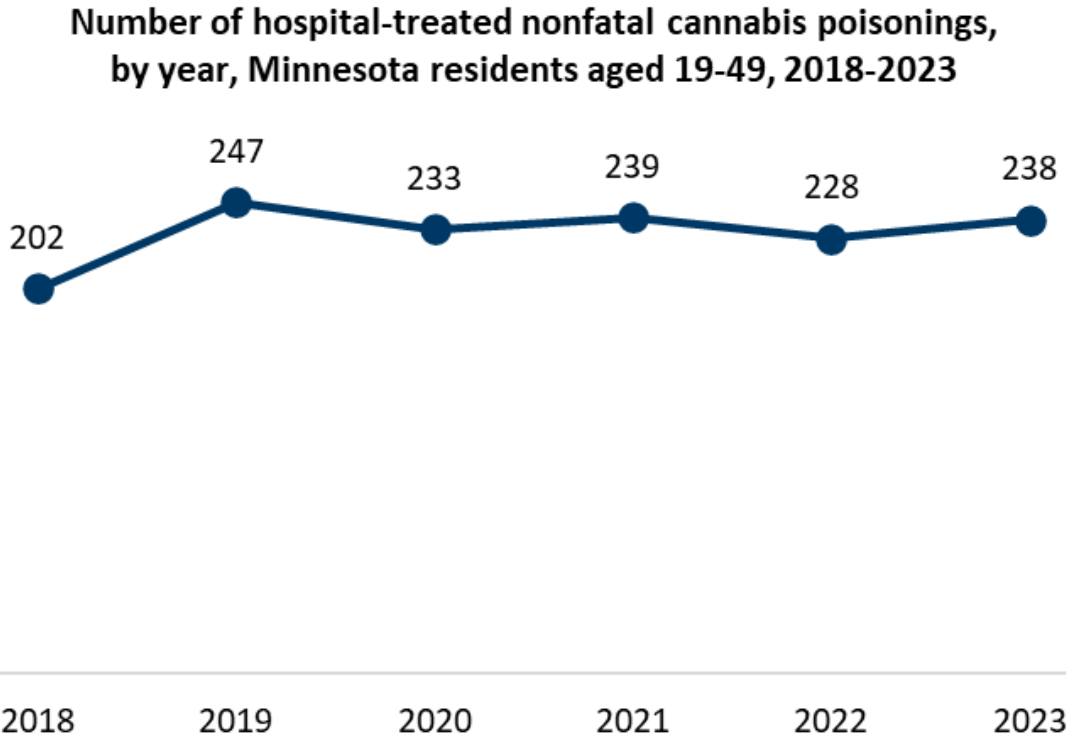
Table 6. Number of hospital-treated nonfatal cannabis poisonings, by year and quarter, Minnesota residents aged 19 to 49, 2018-2023

	2018	2019	2020	2021	2022	2023
Quarter 1	46	55	63	51	49	68
Quarter 2	63	50	58	59	61	59
Quarter 3	46	68	65	67	74	61
Quarter 4	47	74	47	62	44	50

HOSPITAL-TREATED NONFATAL CANNABIS POISONING DATA

	2018	2019	2020	2021	2022	2023
Annual	202	247	233	239	228	238

Figure 5. Number of hospital-treated nonfatal cannabis poisonings, by year, Minnesota residents aged 19 to 49, 2018-2023

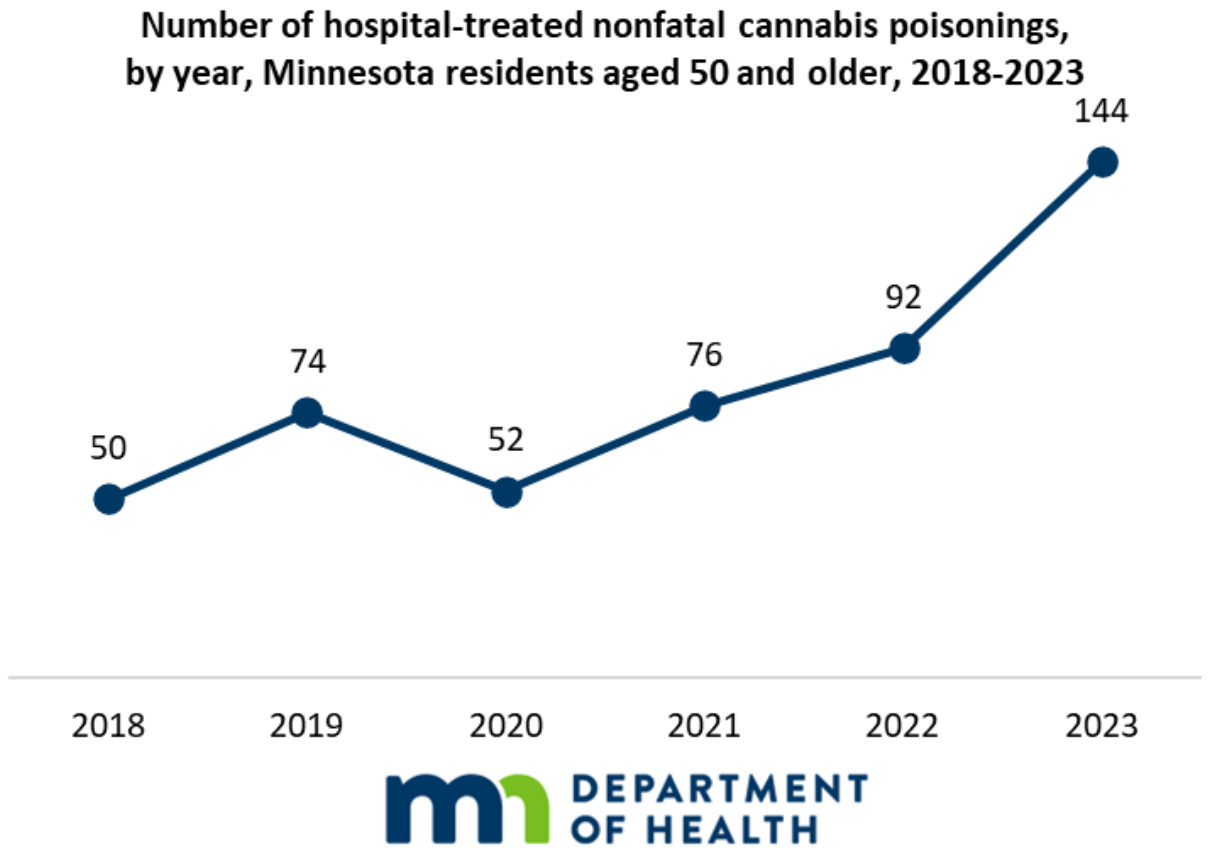


Source: Minnesota Hospital Discharge Data, Injury and Violence Prevention Section, Minnesota Department of Health, 2018-2023.

Table 6. Number of hospital-treated nonfatal cannabis poisonings, by year and quarter, Minnesota residents aged 50 and older, 2018-2023

	2018	2019	2020	2021	2022	2023
Quarter 1	9	16	16	22	19	44
Quarter 2	15	23	12	17	16	33
Quarter 3	10	16	15	24	33	32
Quarter 4	16	19	9	13	24	35
Annual	50	74	52	76	92	144

Figure 6. Number of hospital-treated nonfatal cannabis poisonings, by year, Minnesota residents aged 50 and older, 2018-2023



Source: Minnesota Hospital Discharge Data, Injury and Violence Prevention Section, Minnesota Department of Health, 2018-2023.

Data Source Information

The data source is hospital discharge data. MDH receives approximately 95% of hospital discharge data. Data includes Minnesota residents treated at Minnesota and North Dakota hospitals for a cannabis poisoning. This includes all hospital visits – both emergency department visits and hospitalizations. The data does not include nonfatal cannabis poisonings occurring out in the community; those treated by EMS and not transferred to a hospital; or visits at federally funded facilities (e.g., Veteran’s Affairs and Indian Health Services), tribally operated facilities, or other out-of-state facilities.

Limitations: Drugs that are suspected to be involved in hospital visits are often self-reported by the patient or determined by presenting symptoms at the hospital. Oftentimes, toxicology tests are not run for these patients to determine the specific substances involved. Drug category specific findings should be interpreted with caution.