

Supplemental Table: Number of visits, visit proportions, visit ratios, and change in visit proportions in emergency department visits* for suspected suicide attempts,[†] by sex and age group and year — National Syndromic Surveillance Program, United States, 2021–2025

Age group, yrs	Year	Female				Male			
		Average monthly no. of ED visits for suspected suicide attempts [§]	Annual visit proportion for suspected suicide attempts, per 10,000 ED visits for any reason	Visit ratio (95% CI) [†]	Percent change in annual visit proportion compared to 2021 ^{**}	Average monthly no. of ED visits for suspected suicide attempts [§]	Annual visit proportion for suspected suicide attempts, per 10,000 ED visits for any reason	Visit ratio (95% CI) [†]	Percent change in annual visit proportion compared to 2021 ^{**}
≤11	2021	129	3.1	Ref	Ref	66	1.3	Ref	Ref
	2022	114	2.2	0.70 (0.65, 0.75) ^{††}	-30.5	70	1.1	0.84 (0.76, 0.92) ^{††}	-16.4
	2023	120	2.3	0.75 (0.70, 0.80) ^{††}	-25.3	66	1.1	0.81 (0.74, 0.90) ^{††}	-18.7
	2024	111	2.2	0.72 (0.67, 0.77) ^{††}	-28.3	71	1.2	0.89 (0.81, 0.98) ^{††}	-10.8
	2025	135	2.9	0.93 (0.87, 1.00) ^{††,§§}	-6.9	73	1.3	0.98 (0.89, 1.08)	-1.8
12–17	2021	3050	146.9	Ref	Ref	743	43.0	Ref	Ref
	2022	2770	121.1	0.82 (0.81, 0.84) ^{††}	-17.6	764	38.6	0.90 (0.87, 0.92) ^{††}	-10.2
	2023	2638	114.2	0.78 (0.77, 0.79) ^{††}	-22.3	746	37.0	0.86 (0.83, 0.88) ^{††}	-14.1
	2024	2470	106.2	0.72 (0.71, 0.73) ^{††}	-27.7	751	36.3	0.84 (0.82, 0.87) ^{††}	-15.6
	2025	2518	114.2	0.78 (0.77, 0.79) ^{††}	-22.3	769	39.2	0.91 (0.88, 0.94) ^{††}	-8.9
18–25	2021	1895	34.0	Ref	Ref	1129	33.1	Ref	Ref
	2022	1934	34.2	1.01 (0.99, 1.03)	0.7	1137	33.3	1.01 (0.98, 1.03)	0.5
	2023	1928	34.1	1.00 (0.98, 1.02)	0.3	1108	32.4	0.98 (0.96, 1.00)	-2.1
	2024	1869	32.7	0.96 (0.95, 0.98) ^{††}	-3.6	1114	32.5	0.98 (0.96, 1.01)	-1.8
	2025	1884	33.6	0.99 (0.97, 1.01)	-1.0	1109	33.7	1.02 (0.99, 1.04)	1.7
26–34	2021	1046	16.1	Ref	Ref	1083	23.8	Ref	Ref
	2022	1111	16.9	1.05 (1.02, 1.07) ^{††}	4.7	1104	24.7	1.04 (1.01, 1.06) ^{††}	3.7
	2023	1160	17.3	1.07 (1.04, 1.10) ^{††}	7	1124	24.9	1.05 (1.02, 1.07) ^{††}	4.7
	2024	1125	16.5	1.02 (1.00, 1.05)	2.3	1115	24.8	1.04 (1.02, 1.07) ^{††}	4
	2025	1101	16.5	1.03 (1.00, 1.05) ^{††,§§}	2.6	1059	24.8	1.04 (1.01, 1.07) ^{††}	3.9
35–44	2021	860	14.6	Ref	Ref	891	18.7	Ref	Ref
	2022	950	15.7	1.08 (1.05, 1.10) ^{††}	7.6	929	19.4	1.04 (1.01, 1.07) ^{††}	3.8
	2023	980	15.5	1.06 (1.03, 1.09) ^{††}	6.1	970	19.5	1.04 (1.01, 1.07) ^{††}	4.2
	2024	957	14.7	1.01 (0.98, 1.03)	0.7	1005	19.7	1.05 (1.03, 1.08) ^{††}	5.4
	2025	939	14.6	1.00 (0.97, 1.02)	-0.4	966	19.3	1.03 (1.01, 1.06) ^{††}	3.3
45–54	2021	649	12.9	Ref	Ref	598	13.3	Ref	Ref
	2022	698	13.6	1.06 (1.02, 1.09) ^{††}	5.6	639	14.4	1.08 (1.05, 1.12) ^{††}	8.2
	2023	748	14.1	1.09 (1.06, 1.13) ^{††}	9.5	671	14.7	1.11 (1.08, 1.15) ^{††}	11.1
	2024	734	13.6	1.06 (1.03, 1.09) ^{††}	6.0	667	14.5	1.09 (1.06, 1.13) ^{††}	9.2
	2025	703	13.3	1.03 (1.00, 1.06) ^{††,§§}	3.2	656	14.5	1.09 (1.06, 1.13) ^{††}	9.0
55–64	2021	420	8.2	Ref	Ref	431	8.4	Ref	Ref
	2022	485	9.2	1.12 (1.08, 1.16) ^{††}	11.7	486	9.4	1.12 (1.07, 1.16) ^{††}	11.6
	2023	520	9.6	1.17 (1.12, 1.21) ^{††}	16.7	517	9.9	1.17 (1.13, 1.21) ^{††}	16.8
	2024	505	9.2	1.12 (1.08, 1.17) ^{††}	12.3	507	9.6	1.14 (1.10, 1.18) ^{††}	13.7
	2025	499	9.2	1.12 (1.08, 1.17) ^{††}	12.4	519	9.9	1.17 (1.13, 1.22) ^{††}	17.5
≥65	2021	312	3.1	Ref	Ref	258	3.2	Ref	Ref
	2022	349	3.2	1.02 (0.97, 1.06)	1.7	285	3.2	1.01 (0.97, 1.06)	1.3
	2023	378	3.2	1.04 (0.99, 1.08)	3.8	312	3.3	1.05 (1.00, 1.10) ^{††}	5.1
	2024	396	3.2	1.04 (1.00, 1.09) ^{††,§§}	4.4	345	3.5	1.11 (1.06, 1.16) ^{††}	10.6
	2025	433	3.5	1.11 (1.07, 1.16) ^{††}	11.2	367	3.6	1.14 (1.09, 1.19) ^{††}	13.7

Abbreviations: ED = emergency department; Ref = referent group.

* Filters were applied to only include data from facilities with a coefficient of variation ≤40 and an average weekly informative discharge diagnosis ≥70% for the entire study period. Of 5,398 facilities that shared data with CDC during 2021–2025, 3,184 facilities (59.0%) met the inclusion criteria after applying data quality filters. These facilities account for 80.6% of ED visits sent to NSSP during the analysis period.

† CDC Suicide Attempt (v2) Definition Factsheet & Technical Brief.

(https://cdn.ymaws.com/www.cste.org/resource/resmgr/pdfs/CDC_Suicide_Attempt_v2.pdf)

§ Rounded to nearest whole number.

¶ Visit ratio was calculated as (ED visits for suspected suicide attempts [comparison group] / all ED visits [comparison group]) / (ED visits for suspected suicide attempts [Ref] / all ED visits [Ref]).

** Percent change was calculated using the following equation: ([comparison visit proportion (2022, 2023, 2024, or 2025) – reference visit proportion (2021)]) / (reference visit proportion (2021)) x 100 and was calculated with unrounded visit proportions.

†† Statistically significant difference between comparison and reference periods.

§§ Unrounded 95% CI does not contain 1.