

## NDEWS Special Report

### EMS encounters in the US for nonfatal methamphetamine-related overdoses among younger adults (18-64) and older adults (65+) January 1 – December 31, 2024

In this week's report, NDEWS highlights observations from biospatial.io detailing the EMS encounters in the US for nonfatal methamphetamine-related overdoses among younger adults (18-64) and older adults (65+) in 2024. **The data shows that adults 65 of age and older experience a slightly earlier peak (between 14:00 and 18:59) in nonfatal methamphetamine-related overdose encounters than younger adults, who experience their overdoses between 17:00 and 21:59.** Among states with at least 75% coverage,\* from January 1 to December 31, 2024, there were 151,586 such encounters among younger adults, and 5,312 among older adults.

### Heatmap of EMS encounters for nonfatal methamphetamine-related overdoses across the US by time of day and day of the week among younger adults (18-64) January 1 - December 31, 2024

Hour of Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	840	822	683	636	566	537	486	615	763	781	824	916	994	976	1,052	1,014	1,020	1,034	1,101	1,138	1,122	1,078	996	899	20.9K
Mon	898	728	713	587	578	549	535	678	755	918	985	980	1,063	1,140	1,091	1,125	1,157	1,144	1,139	1,152	1,220	1,168	1,032	903	22.2K
Tue	884	695	673	688	513	509	510	669	764	927	909	993	1,081	1,136	1,097	1,177	1,123	1,187	1,200	1,240	1,199	1,074	1,016	930	22.2K
Wed	890	741	715	628	522	492	511	639	773	880	996	1,053	1,065	1,078	1,103	1,117	1,088	1,094	1,101	1,118	1,181	1,103	928	923	21.7K
Thu	785	745	641	565	538	516	584	624	794	834	1,003	1,048	1,016	1,069	1,099	1,078	1,147	1,109	1,096	1,188	1,152	1,109	965	927	21.6K
Fri	764	769	650	614	568	524	511	649	813	851	1,042	1,048	1,062	1,063	1,101	1,121	1,113	1,107	1,099	1,069	1,133	1,095	1,015	935	21.7K
Sat	839	771	647	583	532	591	529	644	749	806	836	912	965	992	976	1,079	1,086	1,068	1,094	1,257	1,131	1,112	1,015	950	21.2K
All	5,900	5,271	4,722	4,301	3,817	3,718	3,666	4,518	5,411	5,997	6,595	6,950	7,246	7,454	7,519	7,711	7,734	7,743	7,830	8,162	8,138	7,739	6,967	6,467	151.6K

	17	18	19	20	21
	1,034	1,101	1,138	1,122	1,078
	1,144	1,139	1,152	1,220	1,168
	1,187	1,200	1,240	1,199	1,074
	1,094	1,101	1,118	1,181	1,103
	1,109	1,096	1,188	1,152	1,109
	1,107	1,099	1,069	1,133	1,095
	1,068	1,094	1,257	1,131	1,112
	7,743	7,830	8,162	8,138	7,739

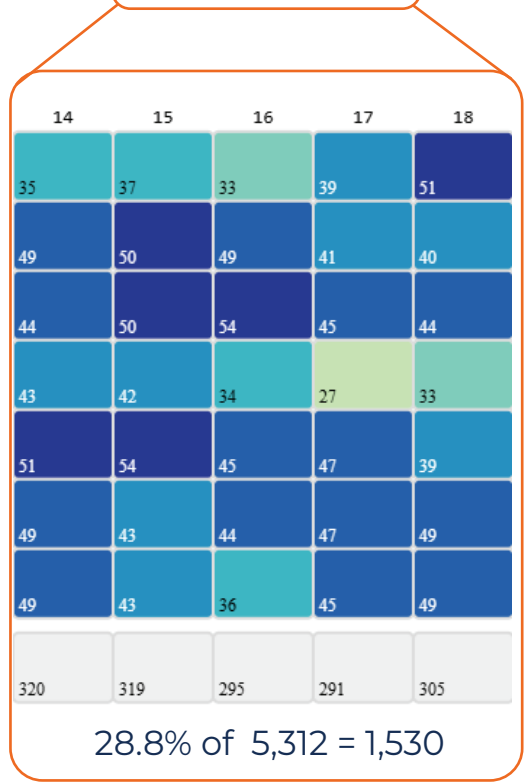
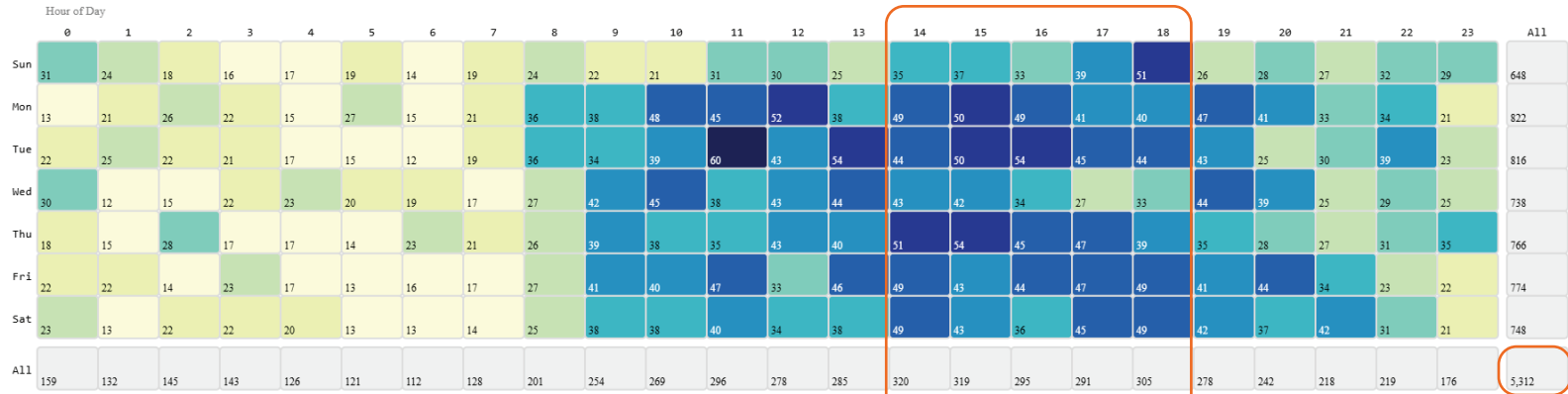
26.1% of 151.6K = 39,612

Between January 1 and December 31, 2024, EMS personnel reported 39,612 encounters for nonfatal methamphetamine-related overdoses among younger adults during peak hours.

The largest proportion (26.1%) occurred between 17:00 and 21:59.

Page 2 provides heatmap of EMS encounters for nonfatal methamphetamine-related overdoses across the US by time of day and day of the week among older adults (65+) and racial distribution of people who experience these overdoses

# Heatmap of EMS encounters for nonfatal methamphetamine-related overdoses across the US by time of day and day of the week among older adults (65+) January 1 - December 31, 2024



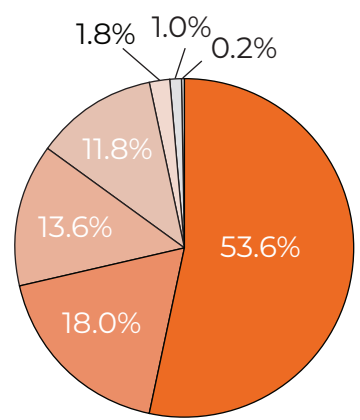
Between January 1 and December 31, 2024, EMS personnel reported 1,530 encounters for nonfatal methamphetamine-related overdoses among older adults during peak hours.

The largest proportion (28.8%) occurred between 14:00 and 18:59.

## Racial distribution of people in the US who experienced nonfatal methamphetamine-related overdoses January 1 - December 31, 2024

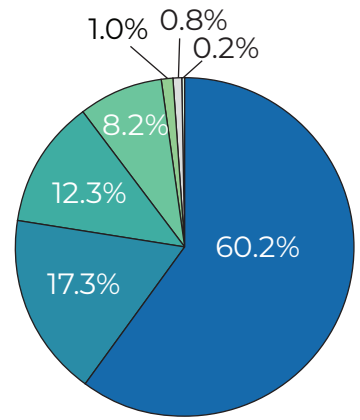
**Younger Adults (18-64)**  
n=151,586

- White
- Unknown
- Hispanic/Latino
- Black
- Native American
- Asian
- Pacific Islander



**Older adults (65+)**  
n=5,312

- White
- Unknown
- Black
- Hispanic/Latino
- Native American
- Asian
- Pacific Islander



All dispatch types above follow the guidelines set by the National Emergency Medical Services Information System (NEMSIS). Data is limited to 28 US states/districts with statewide partnerships with biospatial.io: Alabama, Alaska, Arkansas, California, Colorado, District of Columbia, Florida, Georgia, Idaho, Illinois, Kansas, Kentucky, Maine, Michigan, Minnesota, Mississippi, Montana, New Mexico, New York, North Carolina, Pennsylvania, Rhode Island, South Carolina, Tennessee, Utah, Virginia, Wisconsin, and Wyoming.

**Nonfatal methamphetamine-related EMS encounters** were based on incidents involving methamphetamine due to terms and phrases found in the record narrative and chief complaint elements. Fatalities were excluded.

\*States included in this report met or exceeded a 75% coverage during the surveillance period, indicating that biospatial.io has received at least 75% of the expected data for the given time and region.