

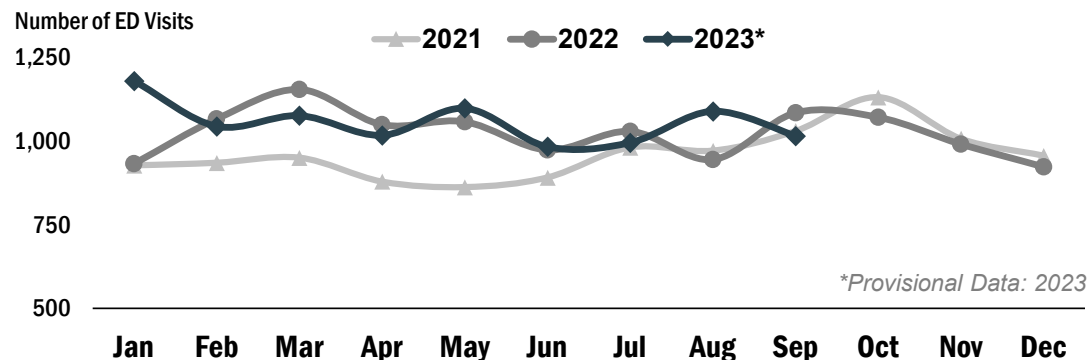
JULY-SEPTEMBER 2023 SELF-INFLICTED INJURY UPDATE

North Carolina Emergency Department (ED) Visits for Self-Inflicted Injury, Jul-Sep 2023 Update

3,102 Self-inflicted injury ED visits from Jul-Sep 2023 compared to **3,061** from Jul-Sep 2022

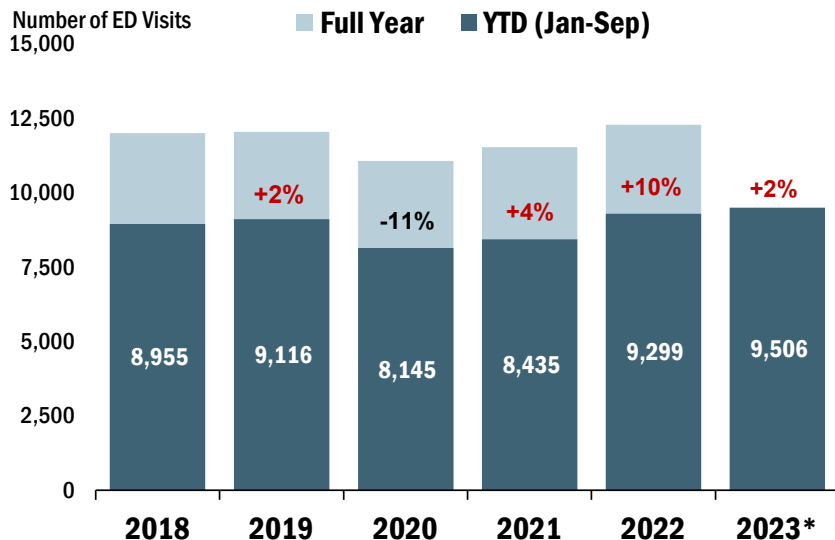
^aReport is based on initial encounter ICD-10-CM self-inflicted injury codes. See the [CSTE Self-Harm Indicator](#) for comprehensive list of codes.
Note: Report is restricted to NC residents ages 10 and older and does not exclude visits resulting in death.
Data Source: NC DETECT, ED visits; data as of 02/20/2024

Self-Inflicted Injury ED Visits by Month: 2021-2023*



There was a 2% increase in self-inflicted injury ED visits from Jul-Sep 2022 to Jul-Sep 2023*.

Self-Inflicted Injury ED Visits: 2018-2023*

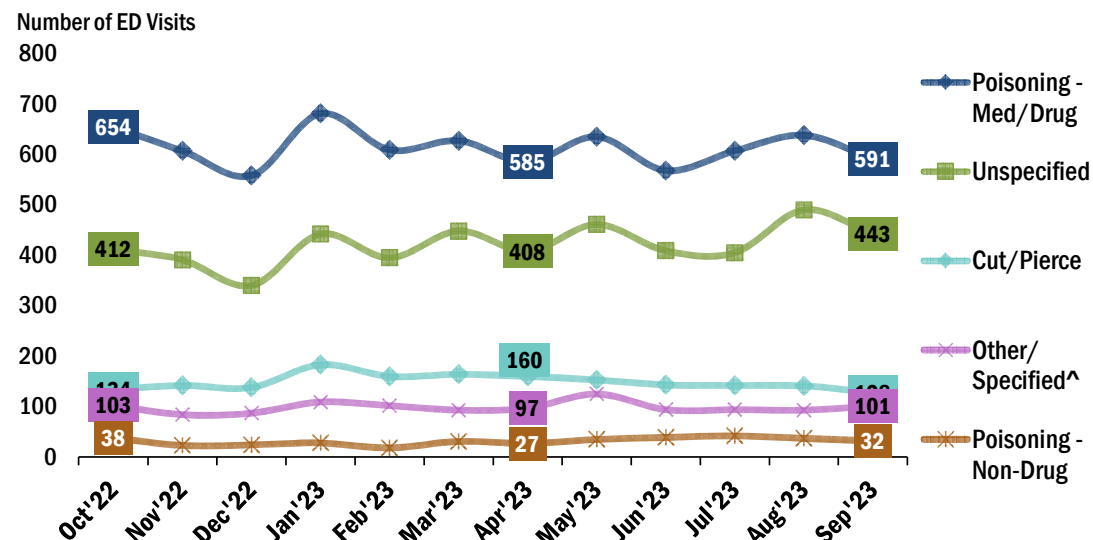


Note: There was an 18% decrease in overall ED utilization (for any cause) from 2019-2020. ED visits remained 11% lower in 2021 and 3% lower in 2022* compared to 2019.

YTD: Year to Date *Provisional Data: 2023
 Percent change: YTD total compared to YTD total of previous year

Most self-inflicted injury ED visits during Jul-Sep 2023* were due to medication/drug poisoning (59.2%).

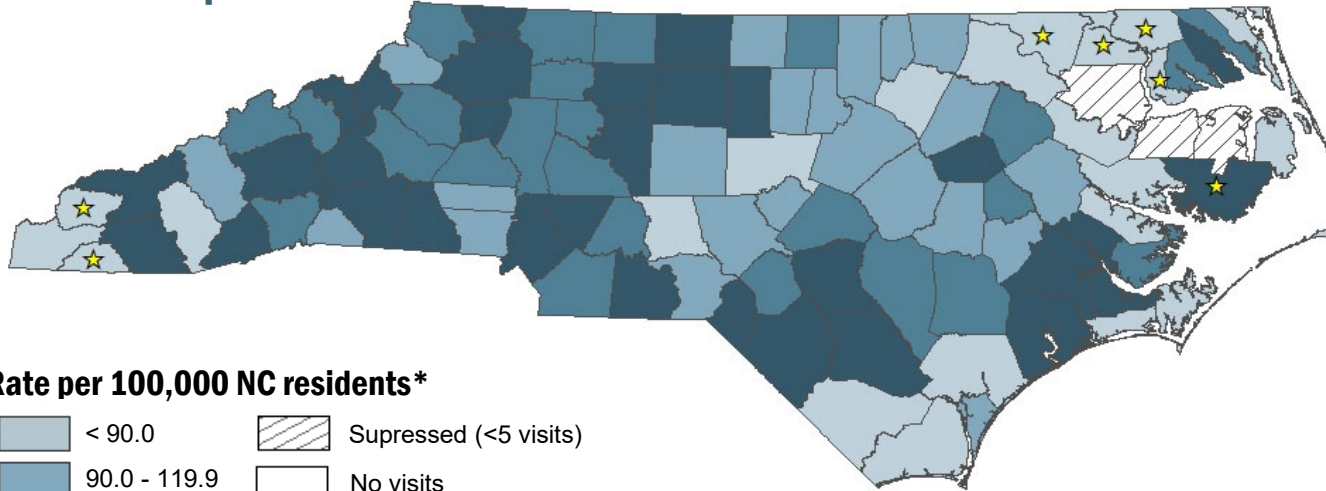
Last 12 Months of Self-Inflicted Injury ED Visits by Injury Mechanism: Oct 2022-Sep 2023*



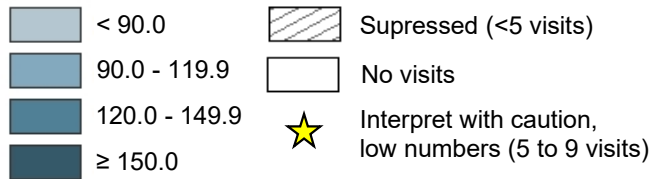
Injury mechanisms shown are not mutually exclusive and do not sum to the total number of self-inflicted injuries. For more information, see the IVPB [Injury Surveillance Technical Notes](#) Document.

[^]Other specified includes suffocation (9%), fire/burn (7%), and firearm (7%); no additional detail was available for 66% of suicides with a code for other specified mechanism. *Provisional Data: 2023

Last 12 Months Self-Inflicted Injury ED Visit Rates by County of Residence: Oct 2022-Sep 2023*



Rate per 100,000 NC residents*



*Provisional Data: 2023

Highest County Self-Inflicted Injury ED Visit Rates from the Last 12 Months, ≥10 visits: Oct 2022-Sep 2023*

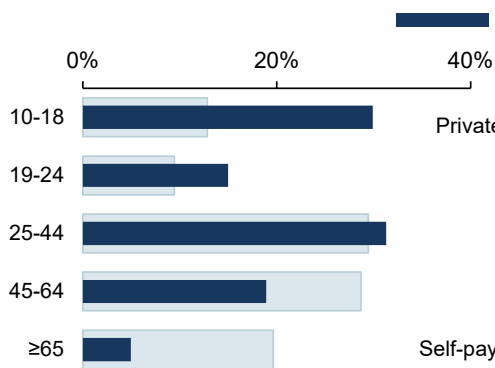
County	Count	Rate per 100,000 [†]
Jones	22	263.4
Mitchell	34	249.4
Anson	46	232.0
Yadkin	46	209.7
Alleghany	21	206.0
Buncombe	500	201.4
Rutherford	113	193.7
Alexander	61	185.9
McDowell	75	185.9
Pasquotank	67	184.8
Forsyth	617	179.4
Craven	156	175.4
Statewide	12,494	131.8

[†]Rates are calculated using the most recent 12 months of data and 2022 US Census population estimates. Counties listed in "Highest Monthly Rates of Self-Inflicted Injury[^] ED visits" table will likely change each quarter.

Quarterly Demographics of Self-Inflicted Injury ED Visits Compared to Overall NC Population Estimates

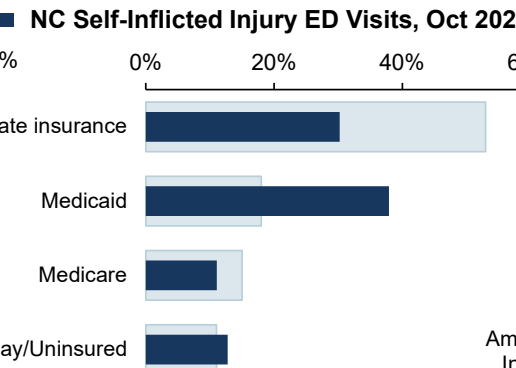
Most visits occurred among those ages 25-44 (31%) despite them making up only 29% of the population.

ED Visits by Age Group



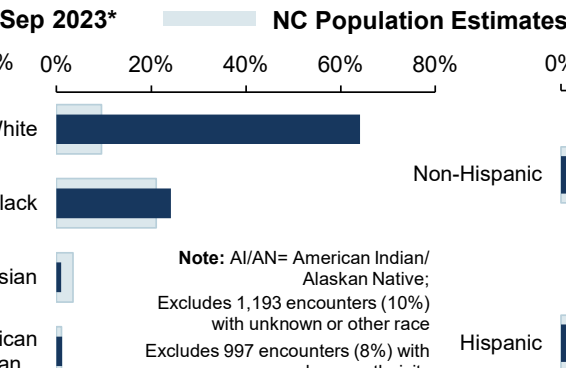
Most visits occurred among those with Medicaid (38%) followed by those with private insurance (30%).

ED Visits by Insurance Coverage



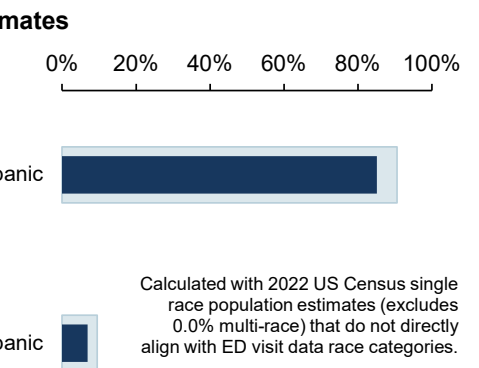
Most visits were among White residents (64%) followed by Black residents (24%).

ED Visits by Race



Most visits were among Non-Hispanic residents (85%) followed by Hispanic residents (7%).

ED Visits by Ethnicity



Note: AI/AN= American Indian/Alaskan Native; Excludes 1,193 encounters (10%) with unknown or other race. Excludes 997 encounters (8%) with unknown ethnicity.

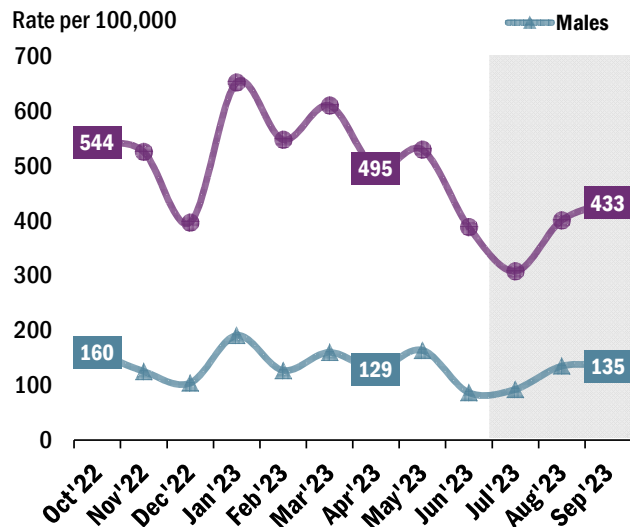
Calculated with 2022 US Census single race population estimates (excludes 0.0% multi-race) that do not directly align with ED visit data race categories.

*Provisional Data: 2023

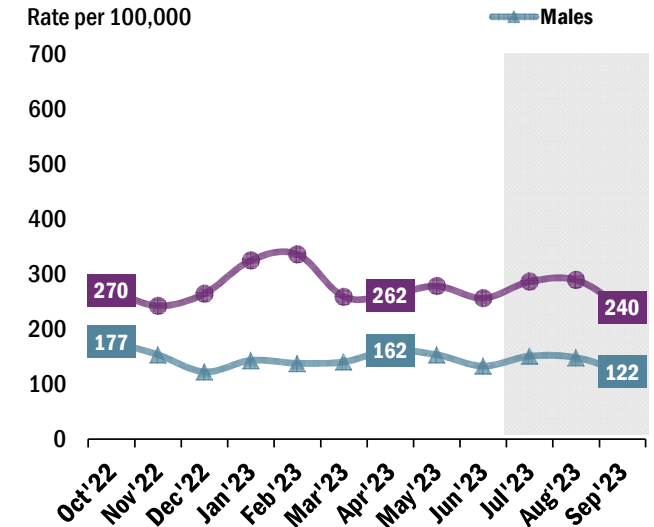
Rates of self-inflicted injury ED visits from Jul-Sep 2023* were highest among females ages 10-18 (380.6 per 100,000) followed by females ages 19-24 (272.0 per 100,000).

Among males, rates of self-inflicted injury ED visits were highest among those ages 19-24 (140.7 per 100,000).

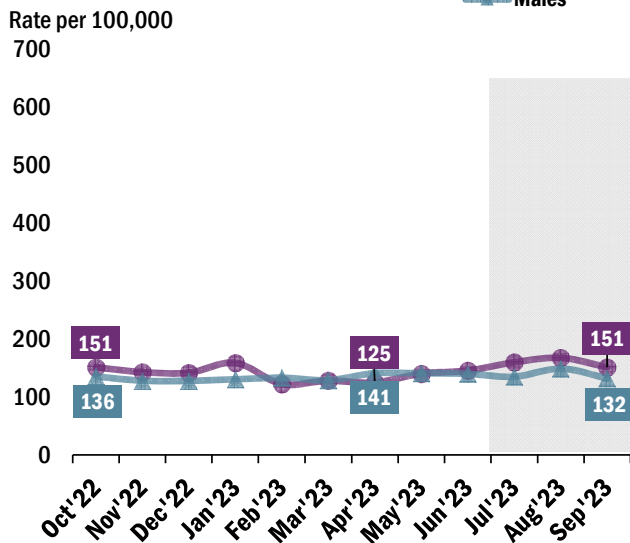
Ages 10-18



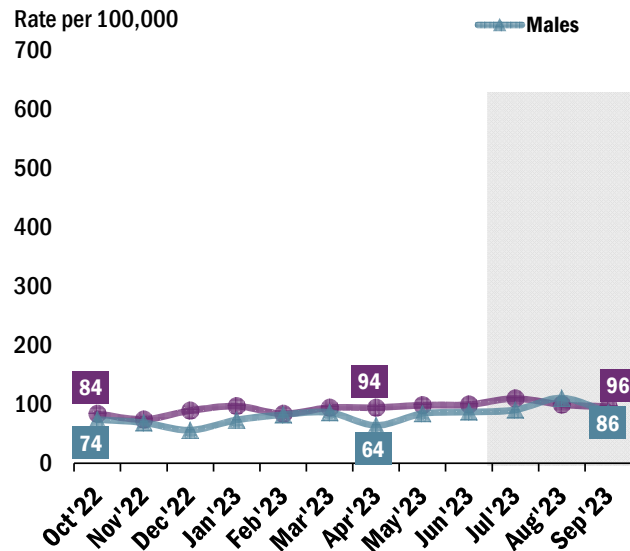
Ages 19-24



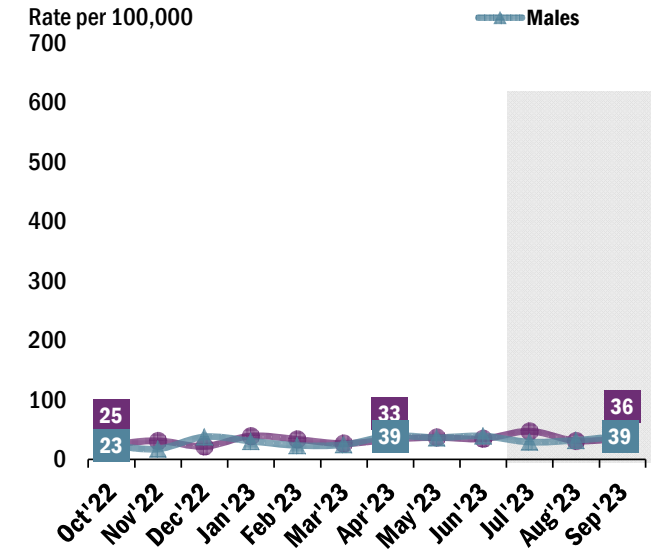
Ages 25-44



Ages 45-64



Ages 65 and Older

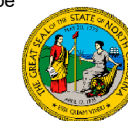


Data Sources: ED Data-NC DETECT is North Carolina's statewide syndromic surveillance system. ED visit data from NC DETECT are provisional and should not be considered final. For training on NC DETECT, contact ising@ad.unc.edu; **Population Data**-National Center for Health Statistics; **Insurance coverage Data**-Kaiser Family Foundation estimates based on the Census Bureau's American Community Survey, 2008-2017, www.kff.org/other/state-indicator/total-population. Self-pay ED visits are compared to the uninsured overall population estimate category.

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NC DEPARTMENT OF HEALTH AND HUMAN SERVICES
Division of Public Health

