

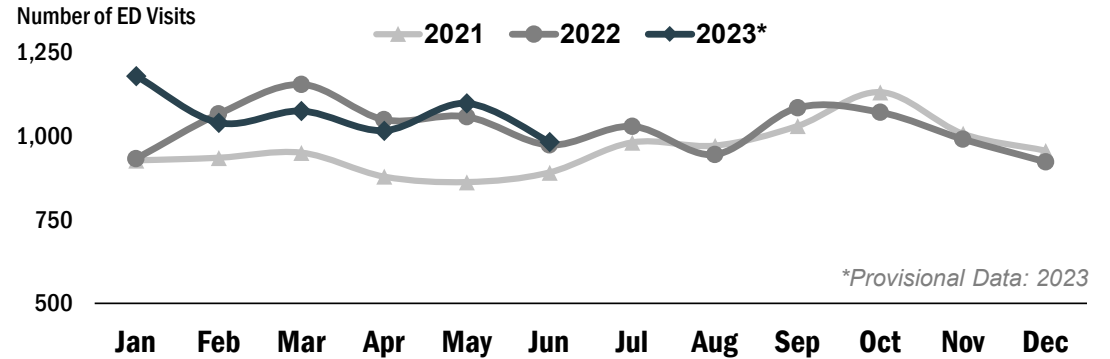
APRIL-JUNE 2023 SELF-INFLICTED INJURY UPDATE

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

3,099 Self-inflicted injury ED visits from Apr-Jun 2023 compared to **3,083** from Apr-Jun 2022

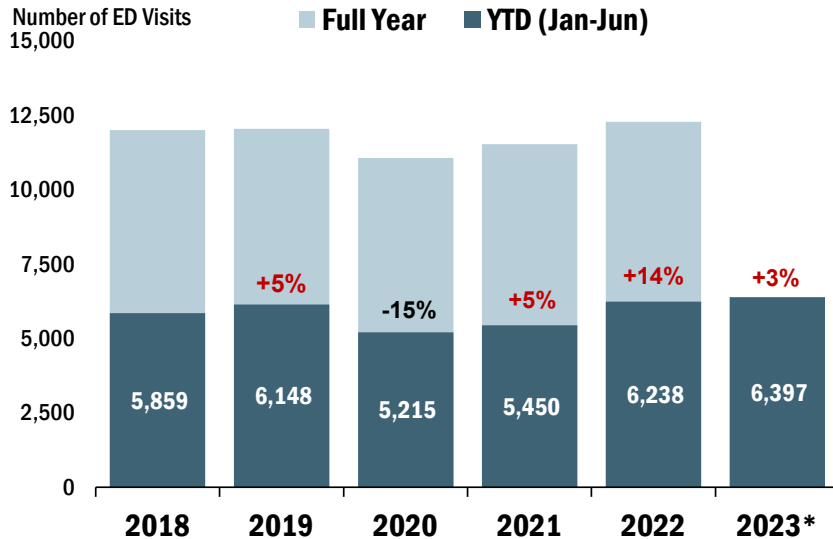
[^]Report is based on initial encounter ICD-10-CM self-inflicted injury codes. See the [CSTE Self-Harm Indicator](#) for comprehensive list of codes.
Note: Report is restricted to NC residents ages 10 and older and does not exclude visits resulting in death.
Data Source: NC DETECT, ED visits; data as of 11/07/2023

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



There was a 3% increase in self-inflicted injury ED visits from Apr-Jun 2022 to Apr-Jun 2023*.

Self-Inflicted Injury ED Visits: 2018-2023*

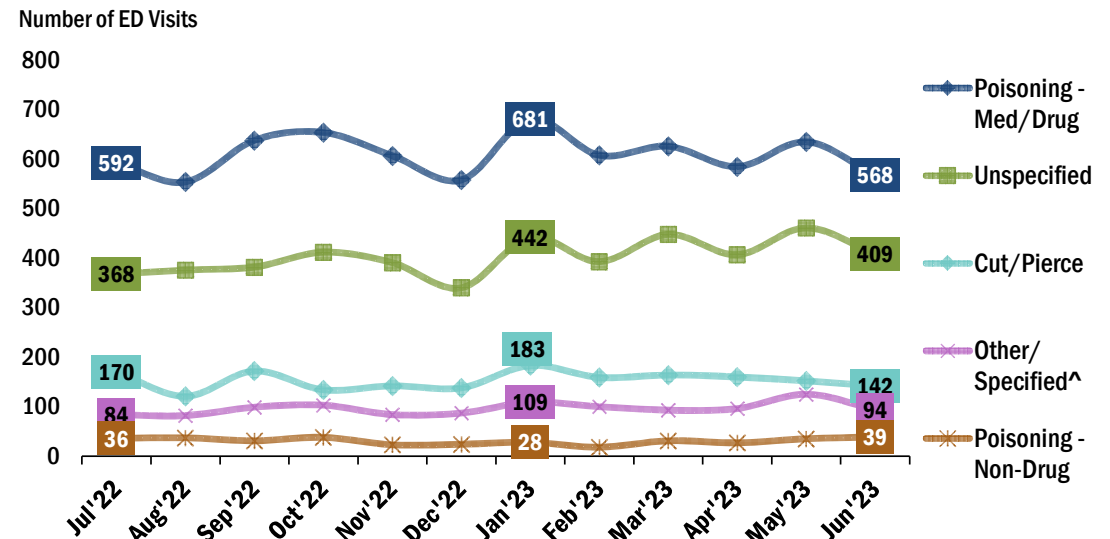


Note: There was an 18% decrease in overall ED utilization (for any cause) from 2019-2020. ED visits remained 11% lower in 2021 and 3% lower in 2022* compared to 2019.

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 Apr-Jun 2023* were due to medication/drug poisoning (57.7%).

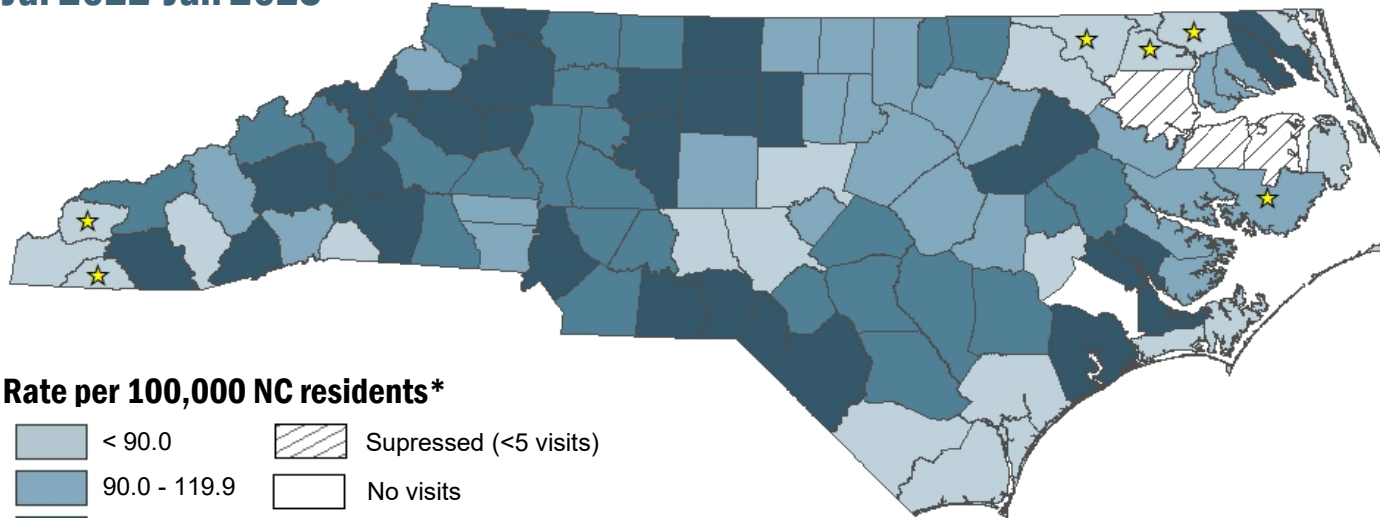
Last 12 Months of Self-Inflicted Injury ED Visits by Injury Mechanism: Jul 2022-Jun 2023*



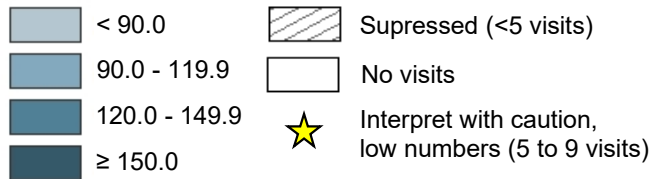
Injury mechanisms shown are **not mutually exclusive** and do not sum to the total number of self-inflicted injuries. For more information, see the IVPB [Injury Surveillance Technical Notes](#) Document.

[^]Other specified includes suffocation (10%), fire/burn (7%), and firearm (7%); no additional detail was available for 64% 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: Jul 2022-Jun 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: Jul 2022-Jun 2023*

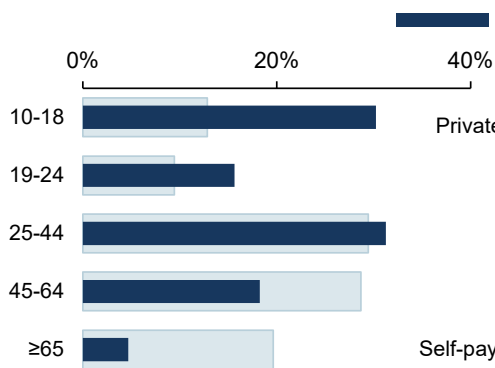
County	Count	Rate per 100,000 [†]
Jones	26	311.3
Mitchell	30	220.1
Anson	42	211.9
McDowell	82	203.2
Yadkin	45	198.1
Alexander	65	198.1
Pasquotank	71	195.9
Buncombe	480	193.3
Rutherford	111	190.3
Alleghany	19	186.4
Robeson	183	181.7
Forsyth	611	177.6
Statewide	12,446	131.3

[†]Please note that 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

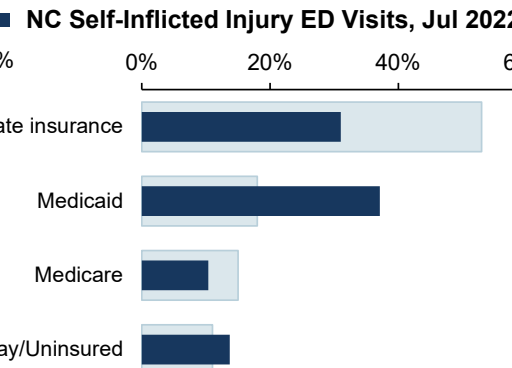
Most visits occurred among those ages 25-44 (31%) despite them making up only 29% of the population.

ED Visits by Age Group



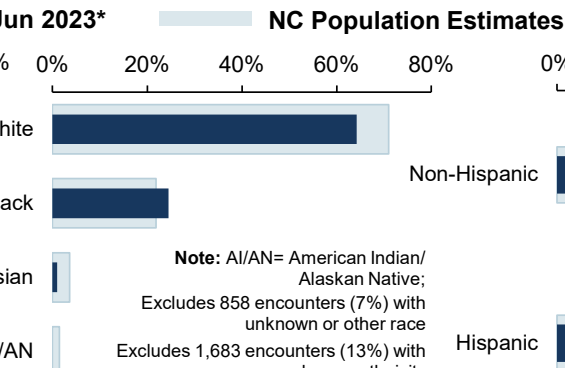
Most visits occurred among those with Medicaid (37%) followed by those with private insurance (31%).

ED Visits by Insurance Coverage



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

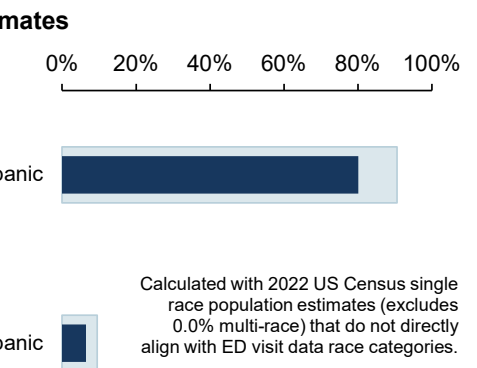
ED Visits by Race



Note: AI/AN= American Indian/Alaskan Native; Excludes 858 encounters (7%) with unknown or other race
Excludes 1,683 encounters (13%) with unknown ethnicity

Most visits were among Non-Hispanic residents (80%) followed by Hispanic residents (6%).

ED Visits by Ethnicity

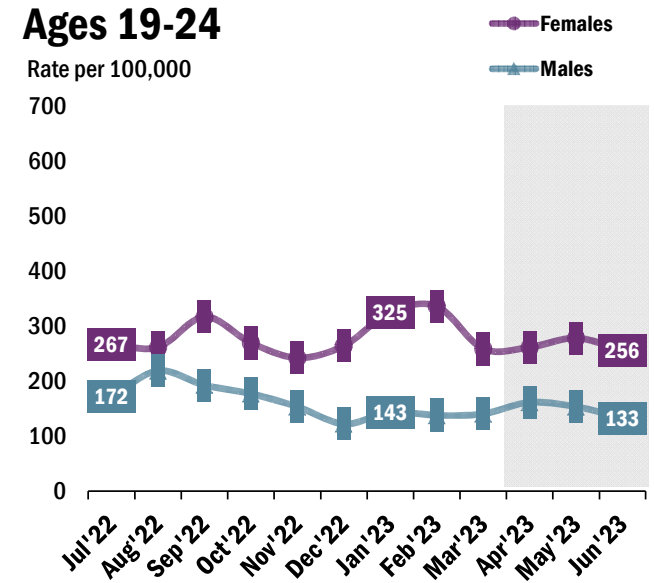
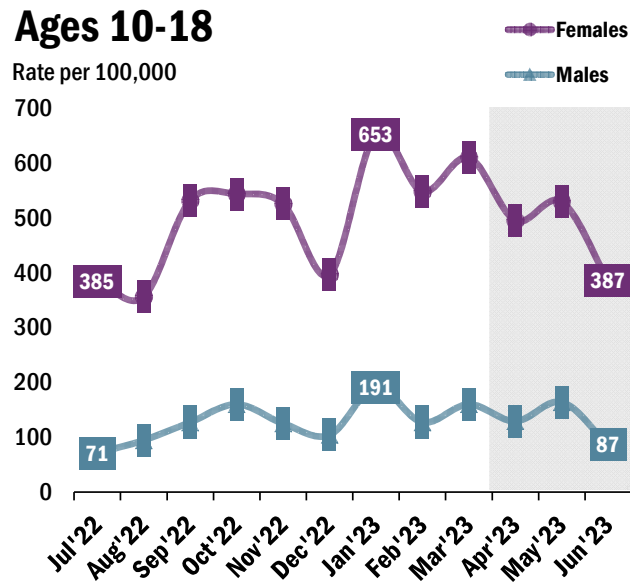


Calculated with 2022 US Census single race population estimates (excludes 0.0% multi-race) that do not directly align with ED visit data race categories.

*Provisional Data: 2023

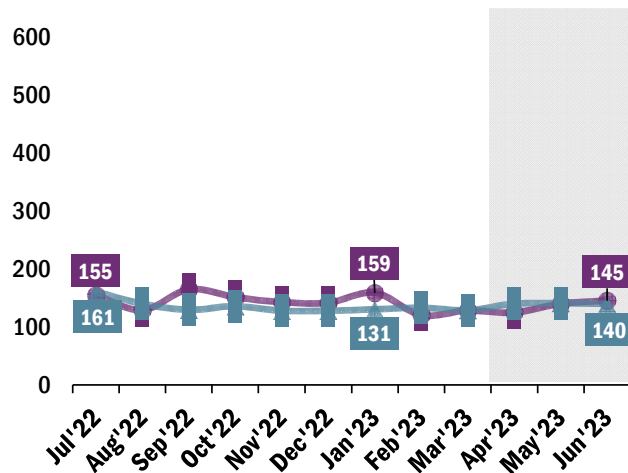
Rates of self-inflicted injury ED visits from Apr-Jun 2023* were highest among females ages 10-18 (470.6 per 100,000) followed by females ages 19-24 (265.6 per 100,000).

Among males, rates of self-inflicted injury ED visits were highest among those ages 19-24 (149.4 per 100,000).



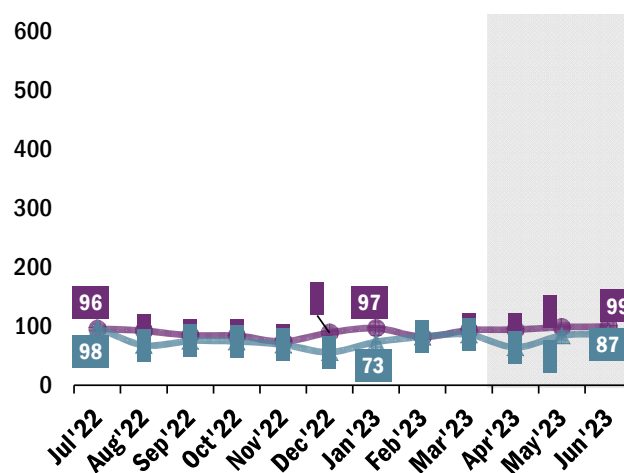
Ages 25-44

Rate per 100,000



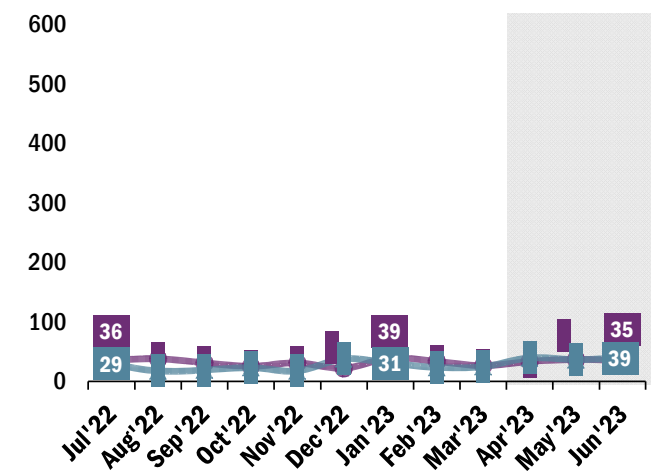
Ages 45-64

Rate per 100,000



Ages 65 and Older

Rate per 100,000

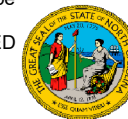


Data Sources: ED Data-NC DETECT is North Carolina's statewide syndromic surveillance system. ED visit data from NC DETECT are provisional and should not be considered final. For training on NC DETECT, contact ising@ad.unc.edu; **Population Data**-National Center for Health Statistics; **Insurance coverage 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

