

JANUARY-MARCH 2023 SELF-INFLICTED INJURY UPDATE

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

3,288 Self-inflicted injury ED visits from Jan-Mar 2023 compared to **3,154** from Jan-Mar 2022

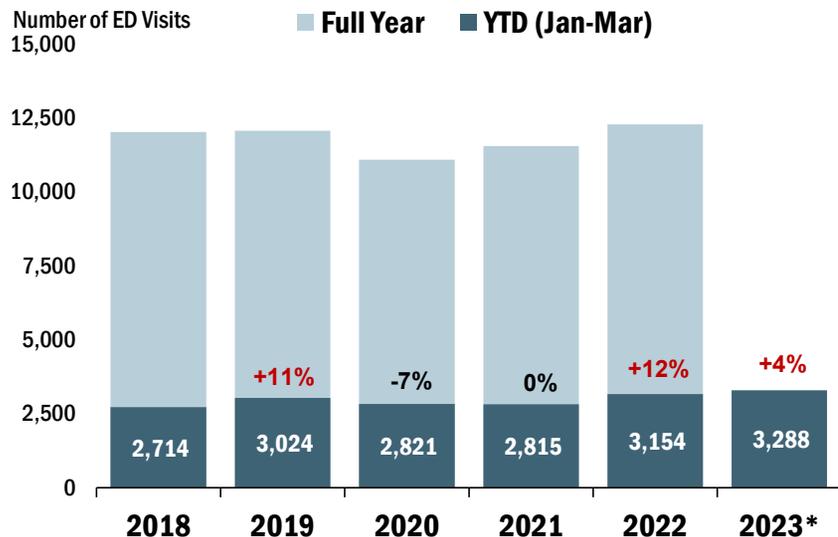
^Report is based on initial encounter ICD-10-CM self-inflicted injury codes. See the [CSTE Self-Harm Indicator](#) for comprehensive list of codes.

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 07/13/2023

There was a 4% increase in self-inflicted injury ED visits from Jan-Mar 2022 to Jan-Mar 2023*.

Self-Inflicted Injury ED Visits: 2018-2023*



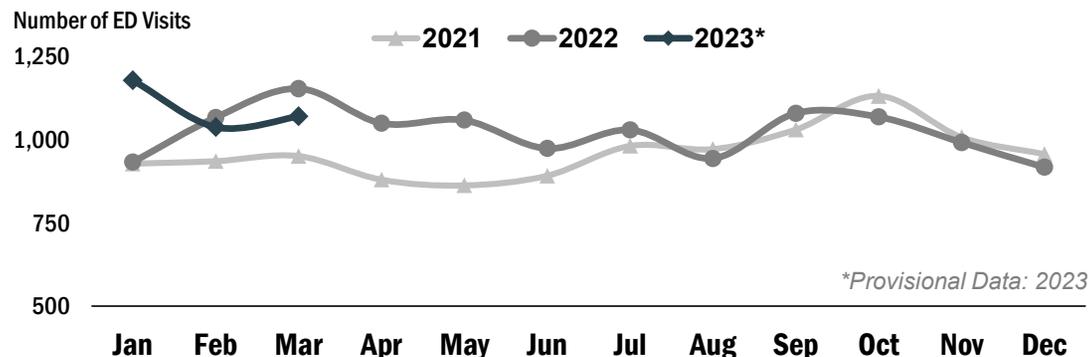
Note: There was an 18% decrease in overall ED utilization (for any cause) from 2019-2020. ED visits remained 11% lower in 2021 and 3% lower in 2022* compared to 2019.

YTD: Year to Date

*Provisional Data: 2023

Percent change: YTD total compared to YTD total of previous year

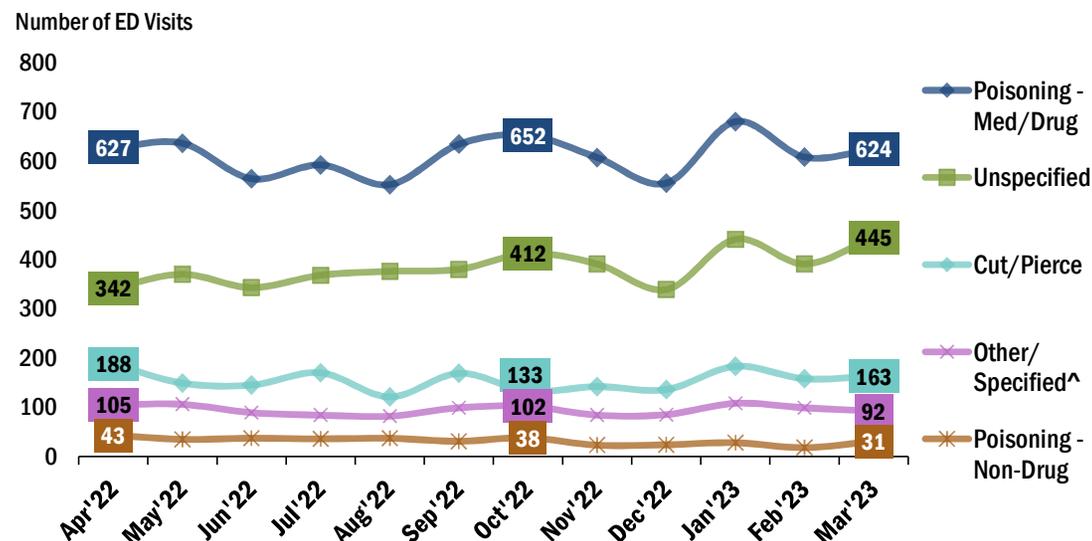
Self-Inflicted Injury ED Visits by Month: 2021-2023*



*Provisional Data: 2023

Most self-inflicted injury ED visits during Jan-Mar 2023* were due to medication/drug poisoning (58.2%).

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

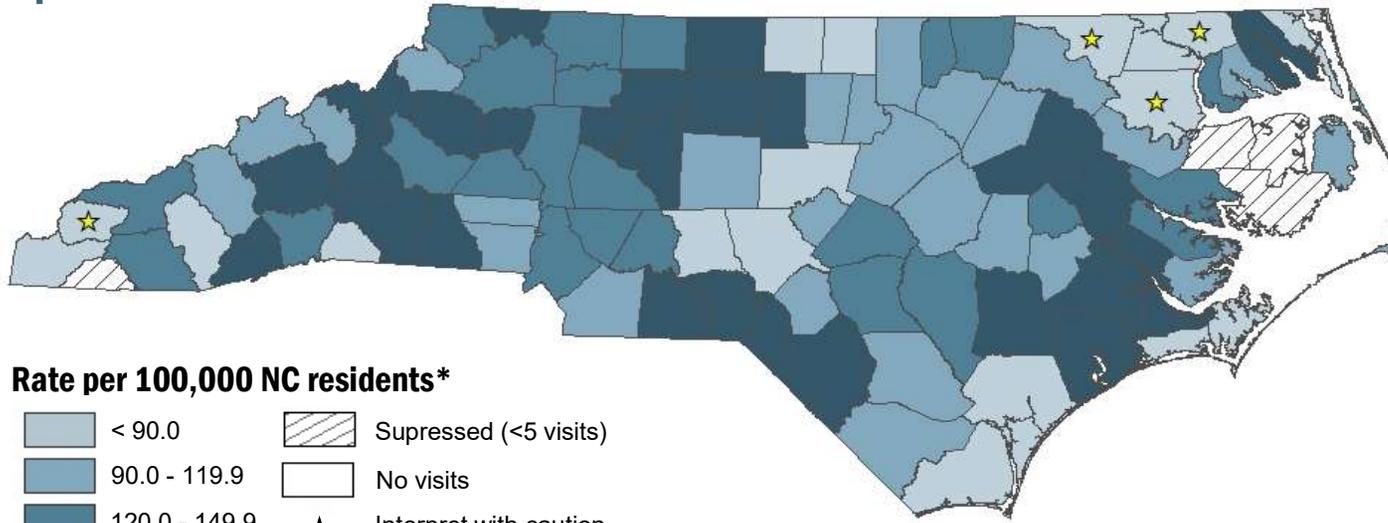


Injury mechanisms shown are not mutually exclusive and do not sum to the total number of self-inflicted injuries. For more information, see the IVPB [Injury Surveillance Technical Notes](#) Document.

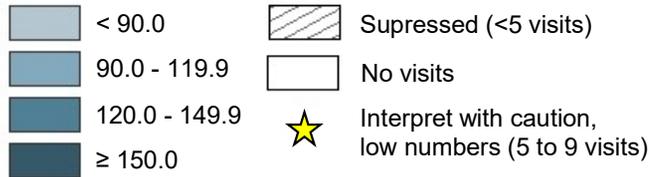
^Other specified includes suffocation (10%), fire/burn (8%), and firearm (6%); no additional detail was available for 63% of suicides with a code for other specified mechanism.

*Provisional Data: 2023

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

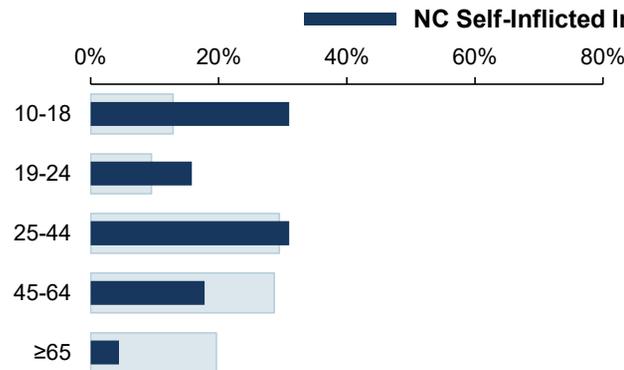
County	Count	Rate per 100,000†
Jones	23	275.4
Mitchell	35	256.7
Rutherford	127	217.7
Pasquotank	74	204.2
Anson	40	201.8
Alleghany	20	196.2
Alexander	64	195.0
Craven	171	192.2
Richmond	72	191.8
McDowell	76	188.4
Forsyth	621	180.5
Buncombe	442	178.0
Statewide	12,404	130.9

†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

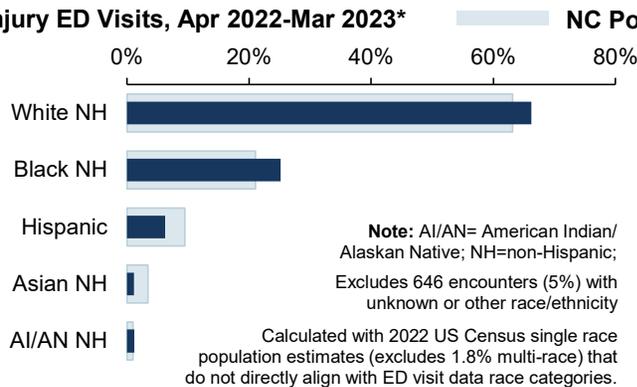
Most visits occurred among those ages 10-18 (31%) despite them making up only 13% of the population.

ED Visits by Age Group



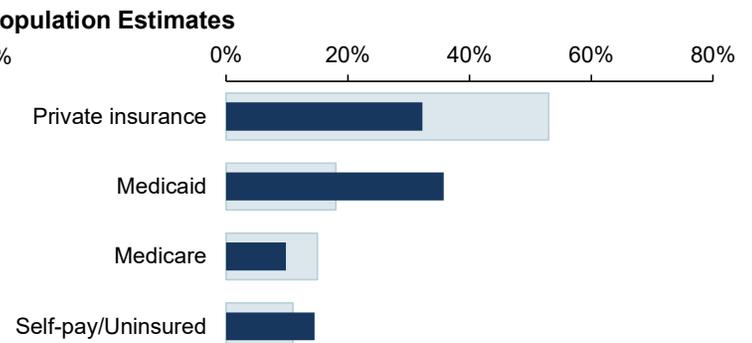
Most visits were among non-Hispanic (NH) white residents (66%) followed by NH Black residents (25%).

ED Visits by Race/Ethnicity



Most visits occurred among those with Medicaid (36%) followed by those with private insurance (32%).

ED Visits by Insurance Coverage

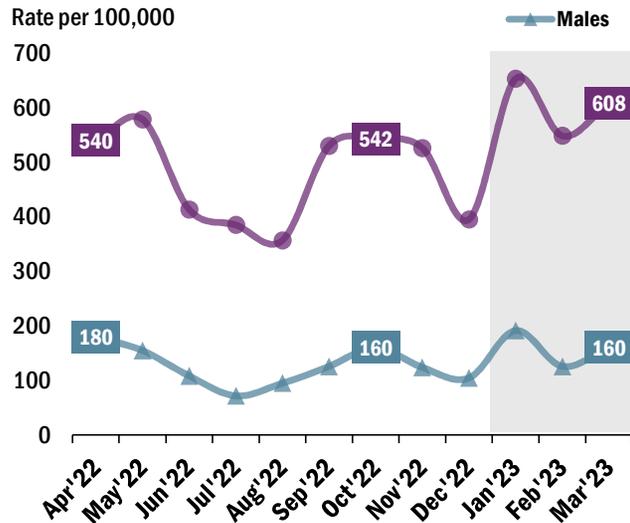


*Provisional Data: 2023

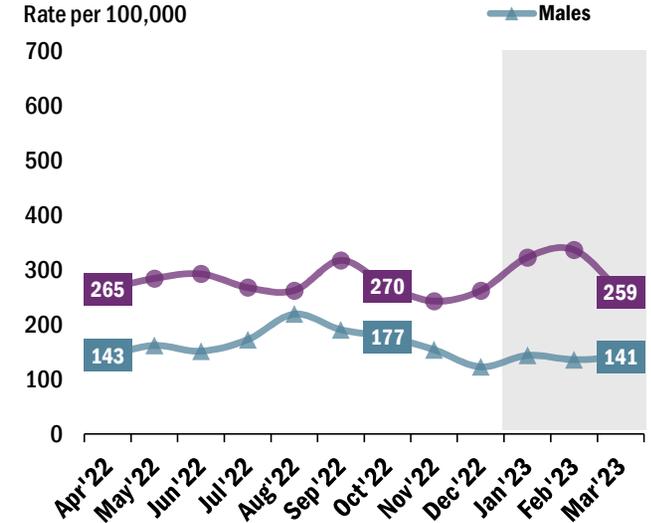
Rates of self-inflicted injury ED visits from Jan-Mar 2023* were highest among females ages 10-18 (602.9 per 100,000) followed by females ages 19-24 (306.0 per 100,000).

Among males, rates of self-inflicted injury ED visits were highest among those ages 10-18 (158.9 per 100,000).

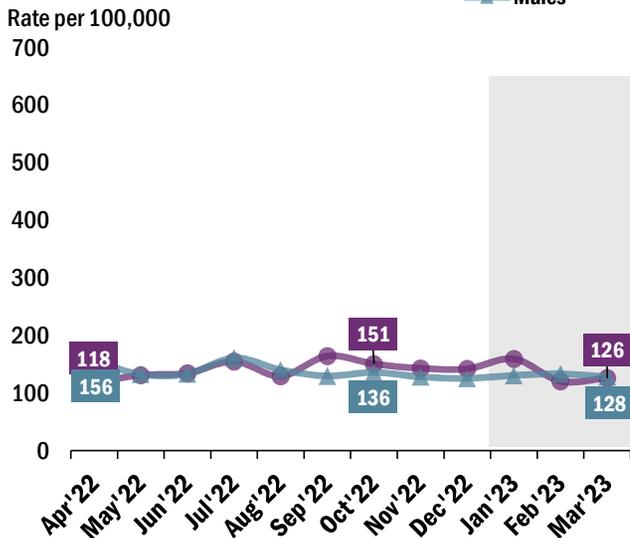
Ages 10-18



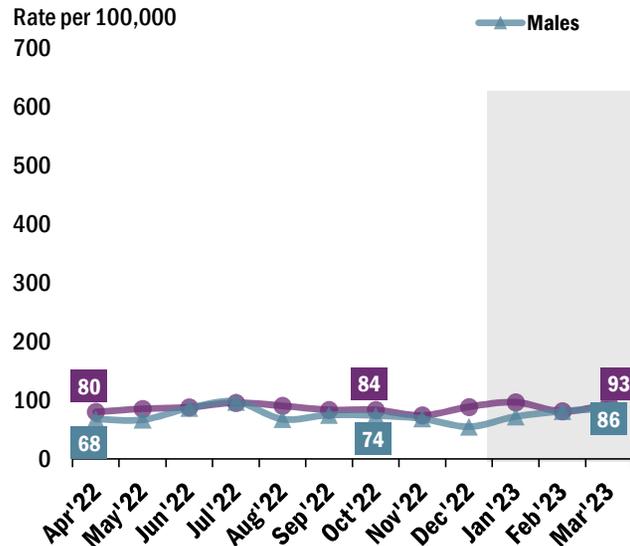
Ages 19-24



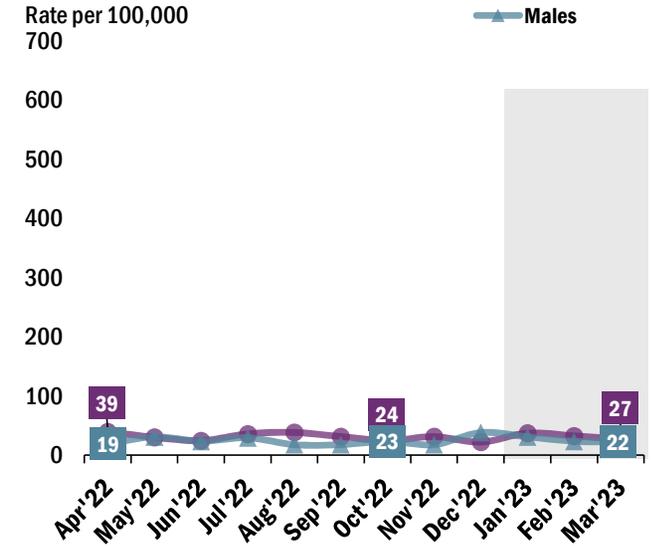
Ages 25-44



Ages 45-64



Ages 65 and Older



*Provisional Data: 2023

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

