

OCTOBER-DECEMBER 2022 SELF-INFLICTED INJURY UPDATE

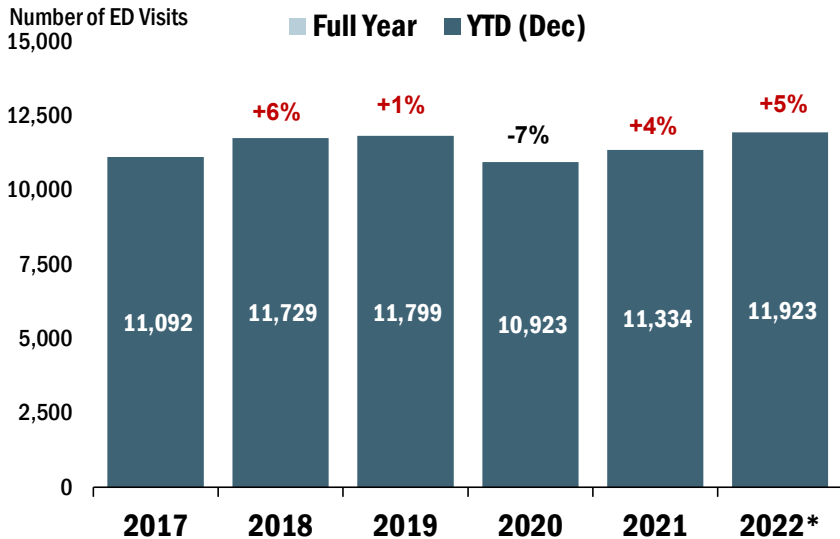
North Carolina Emergency Department (ED) Visits for Self-Inflicted Injury, Oct-Dec 2022 Update

2,877 Self-inflicted injury ED visits from Oct-Dec 2022 compared to **3,032** from Oct-Dec 2021

^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 03/20/2022

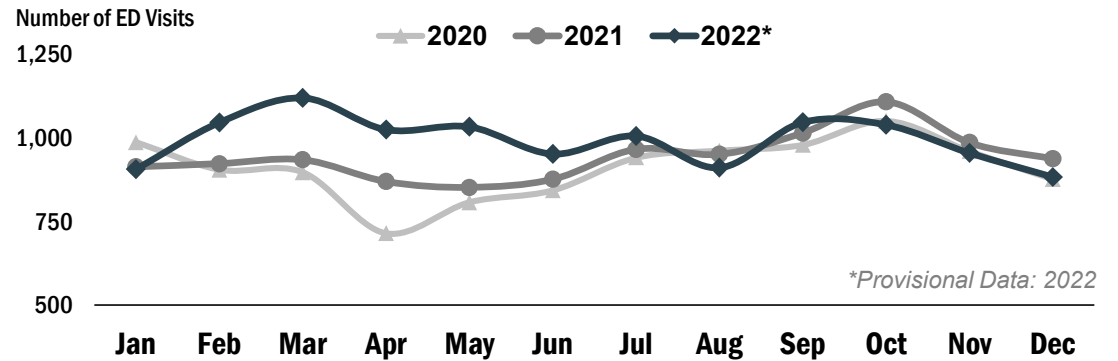
Total self-inflicted injury ED visits in 2022 increased by 5% compared to 2021.

Self-Inflicted Injury ED Visits: 2017-2022*



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
 Percent change: YTD total compared to YTD total of previous year
 *Provisional Data: 2022

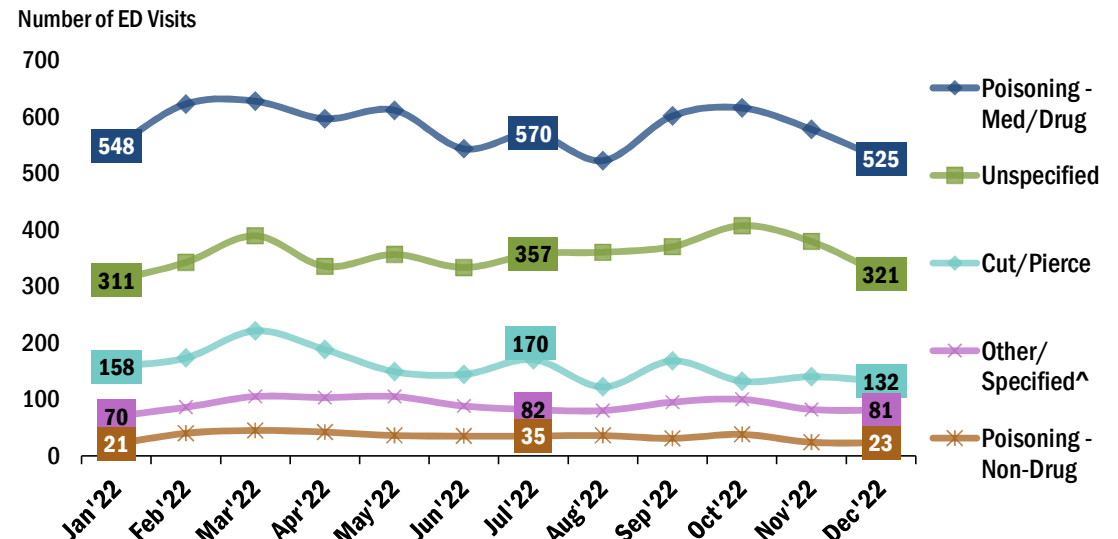
Self-Inflicted Injury ED Visits by Month: 2020-2022*



*Provisional Data: 2022

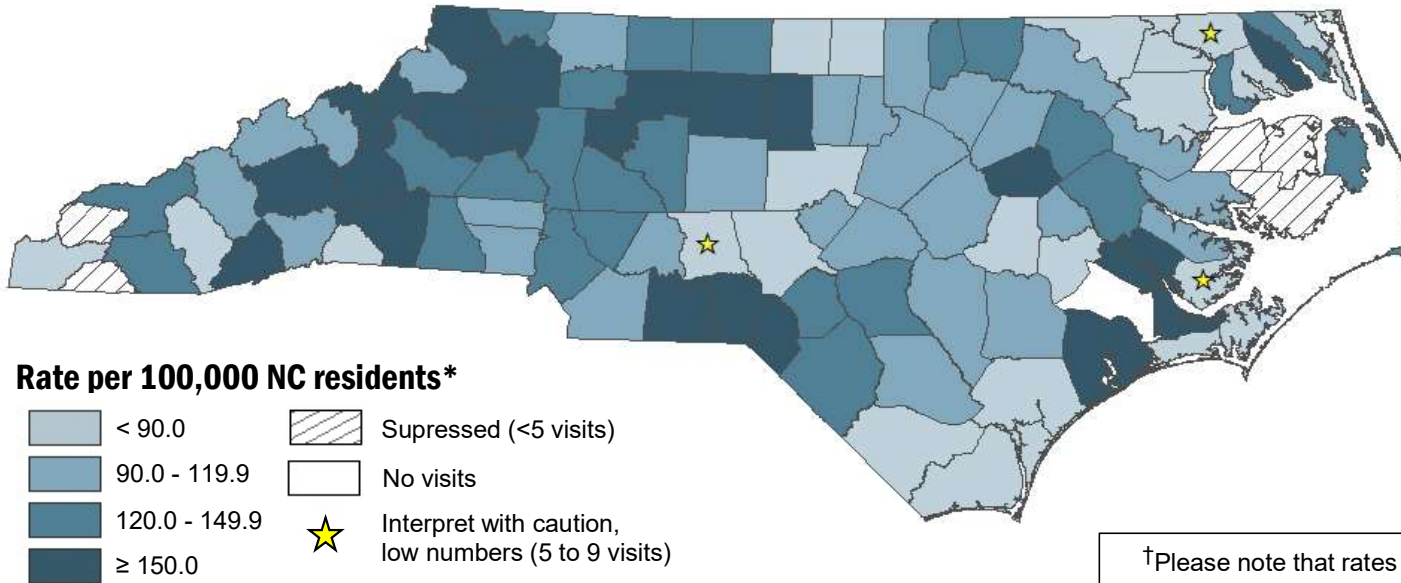
Most self-inflicted injury ED visits during Oct-Dec 2022* were due to medication/drug poisoning (59.7%).

Last 12 Months of Self-Inflicted Injury ED Visits by Injury Mechanism: Jan 2021-Dec 2022*

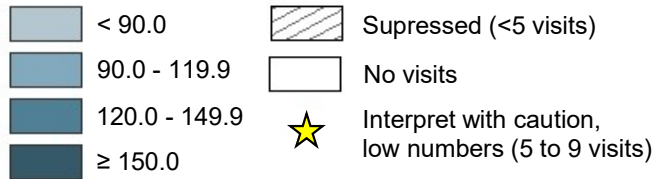


Injury mechanisms shown are not mutually exclusive and do not sum to the total number of self-inflicted injuries. For more information, see the IVPB [Injury Surveillance Technical Notes](#) Document.
 ^Other specified includes suffocation (10%), fire/burn (8%), and firearm (5%); no additional detail was available for 64% of suicides with a code for other specified mechanism.
 *Provisional Data: 2022

Last 12 Months Self-Inflicted Injury ED Visit Rates by County of Residence: Jan 2022-Dec 2022*



Rate per 100,000 NC residents*



*Provisional Data: 2022

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

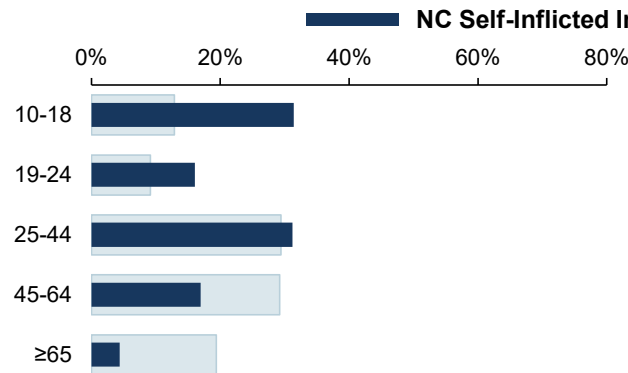
County	Count	Rate per 100,000†
Jones	22	263.2
Mitchell	29	215.5
Pasquotank	73	204.9
Alexander	68	202.0
Craven	179	201.0
Rutherford	115	191.3
Forsyth	635	188.0
Alamance	267	176.6
Caldwell	129	175.4
Buncombe	412	173.2
Richmond	66	170.0
McDowell	67	162.8
Statewide	11,923	127.4

†Please note that rates are calculated using the most recent 12 months of data and 2020 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

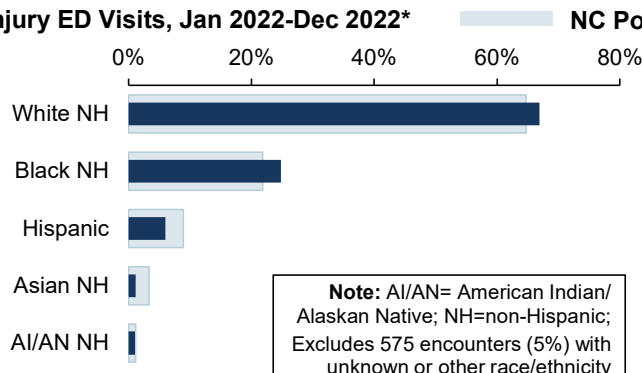
Most visits occurred among those ages 10-18 (31%) despite them making up only 13% of the population.

ED Visits by Age Group



Most visits were among non-Hispanic (NH) white residents (67%) followed by NH Black residents (25%).

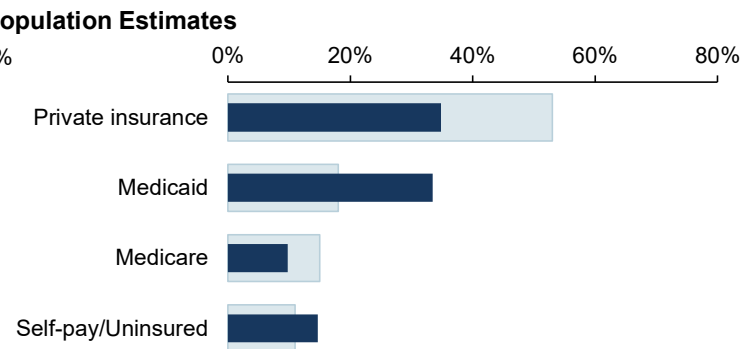
ED Visits by Race/Ethnicity



Note: AI/AN= American Indian/Alaskan Native; NH=non-Hispanic; Excludes 575 encounters (5%) with unknown or other race/ethnicity

Most visits occurred among those with private insurance (35%) followed by those with Medicaid (33%).

ED Visits by Insurance Coverage

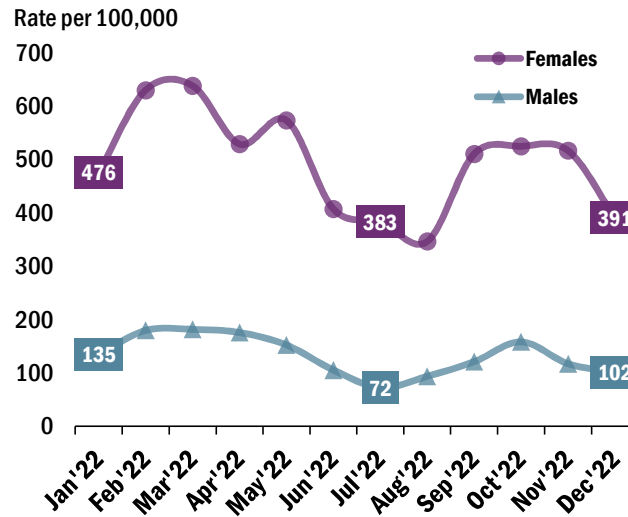


*Provisional Data: 2022

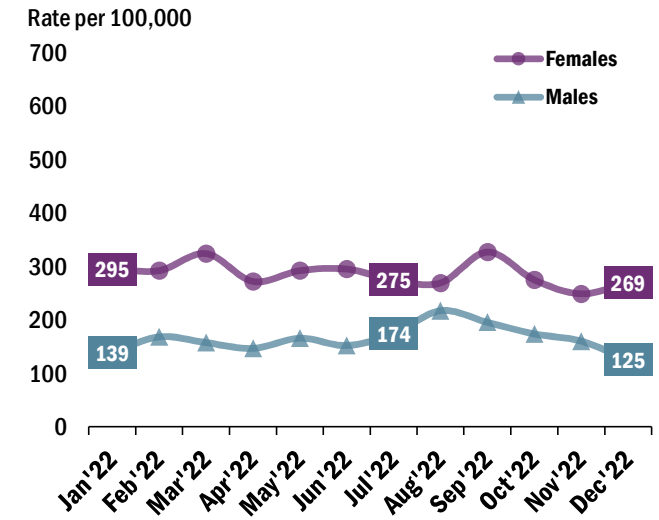
Rates of self-inflicted injury ED visits from Oct-Dec 2022* were highest among females ages 10-18 (477.3 per 100,000) followed by females ages 19-24 (264.5 per 100,000).

Among males, rates of self-inflicted injury ED visits were highest among those ages 19-24 (153.1 per 100,000).

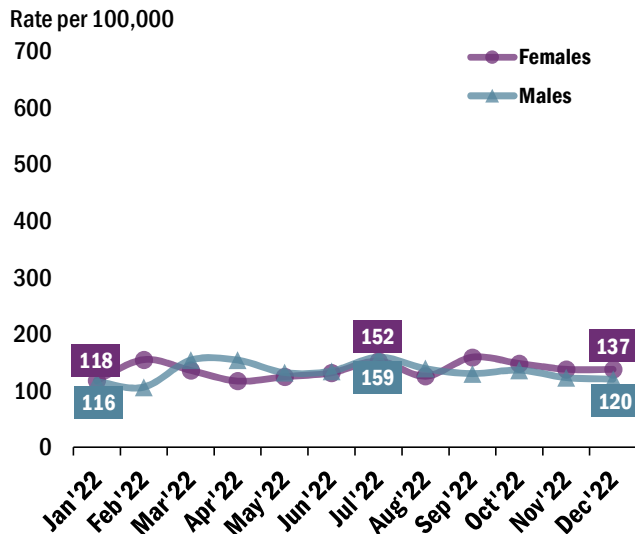
Ages 10-18



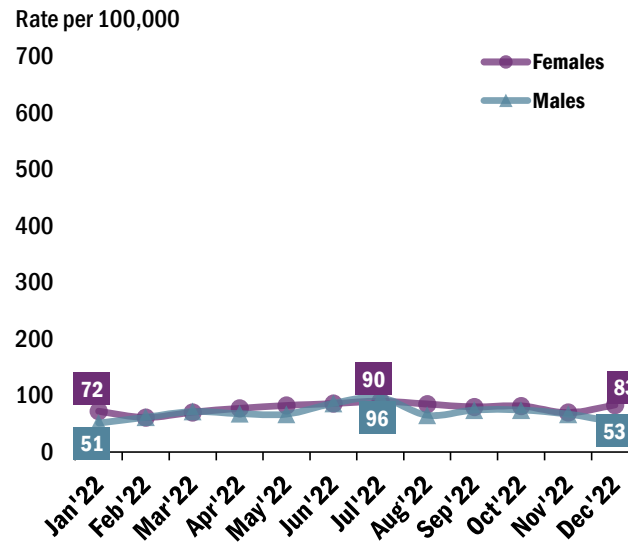
Ages 19-24



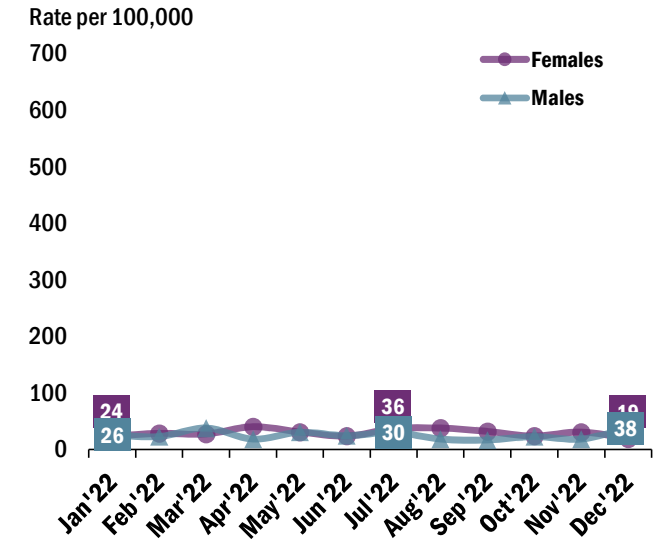
Ages 25-44



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.

*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.

*Provisional Data: 2022



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**
Division of Public Health

