

Firearm-Related Emergency Department Visits in North Carolina

April - June 2021

74%

74% of NC firearm-related Emergency Department injury visits from July 2020 - June 2021 were for unintentional injuries.

Firearm-related injury ED visits from January to April 2021 had similar monthly trends as in 2019, but with more visits per month than in 2019.

Data from the past 12 months shows that some North Carolina populations face a high burden of firearm-related injury ED visits.

44%

25-44 year olds made up 44% of NC firearm-related injury ED visits.

18-24 year olds accounted for 29% of firearm ED visits, 45-64 year olds accounted for 13% of visits, and 10-17 year olds accounted for 9% of visits. Ages 65+ made up 3% of visits, and ages 0-9 make up 2% of visits.

84%

Males make up 84% of firearm-related injury ED visits in NC, yet only 49% of the population.

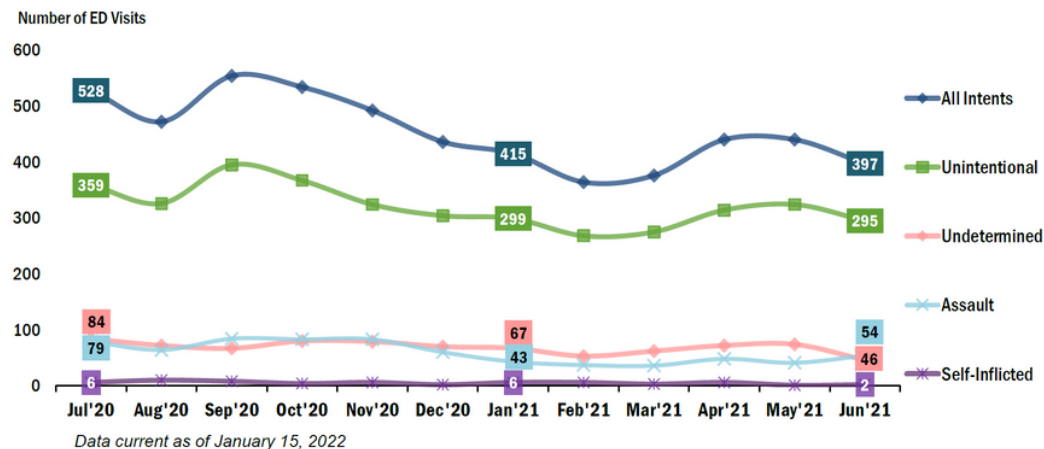
Females make up 51% of the population, yet account for only 15% of firearm ED visits. Gender is unknown for 1% of visits.

45%

Non-Hispanic Black patients make up 45% of firearm-related injury ED visits in NC.

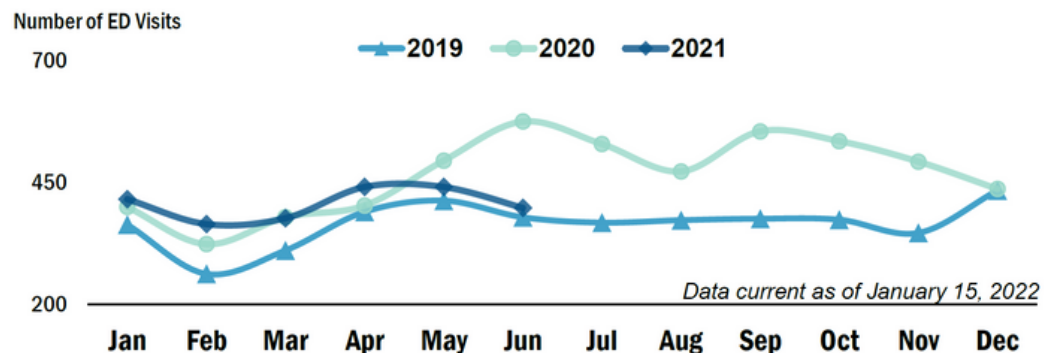
White non-Hispanic patients account for 19% of firearm-related injury ED visits, Hispanic patients account for 5% of ED visits, American Indian/Alaskan Native patients account for 2% of visits, and Asian/Pacific Islander patients account for 1% of visits. Race/ethnicity is unknown for 28% of visits.

Firearm-Related Injury ED Visits by Intent July 2020-June 2021



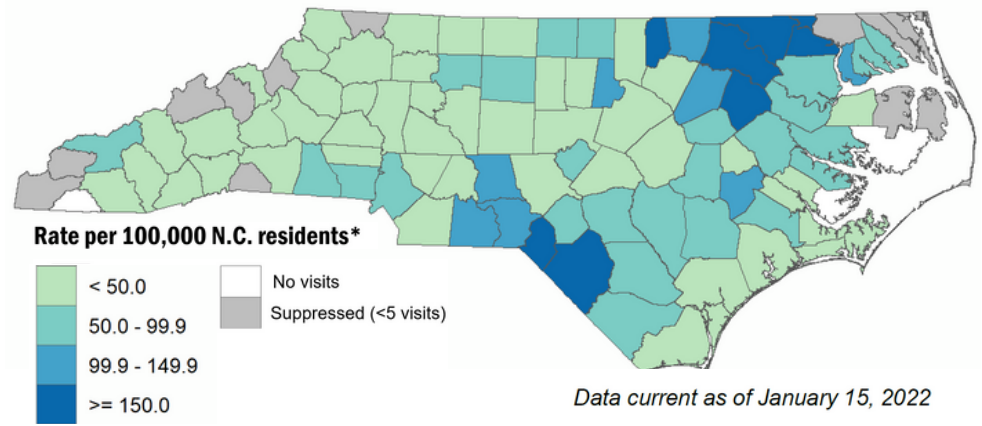
The majority of firearm-related injury ED visits from July 2020 to June 2021 were due to unintentional injuries. Visits due to firearm injuries from assault and undetermined intent had similar numbers in the past 12 months, with slightly higher numbers for undetermined intent from December 2020 to May 2021.

Firearm-Related Injury ED Visits by Month, 2019-2021

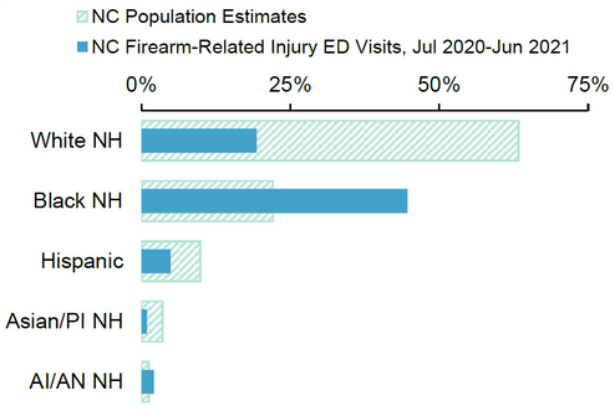


January to April 2021 had the highest number of monthly firearm-related visits for this four-month period in the past three years. May and June 2021 had similar numbers of visits as in 2019.

Firearm-Related Injury ED Visit Rates: Jul 2020-Jun 2021



ED Visits by Race & Ethnicity



Non-Hispanic Blacks make up 22% of the NC population and 45% of firearm-related injury ED visits in NC. Non-Hispanic whites make up 63% of the population and 19% of firearm-related injury ED visits. Hispanics make up 10% of the population and 5% of visits. American Indians/Alaskan Natives make up 1% of the population and 2% of visits. Asian Americans/Pacific Islanders make up 3% of the population and 1% of visits.

Data current as of January 15, 2022
 Note: NH (non-Hispanic); PI (Pacific Islander); AI/AN (American Indian/Alaskan Native)
 Race/ethnicity unknown or other for 27% of encounters

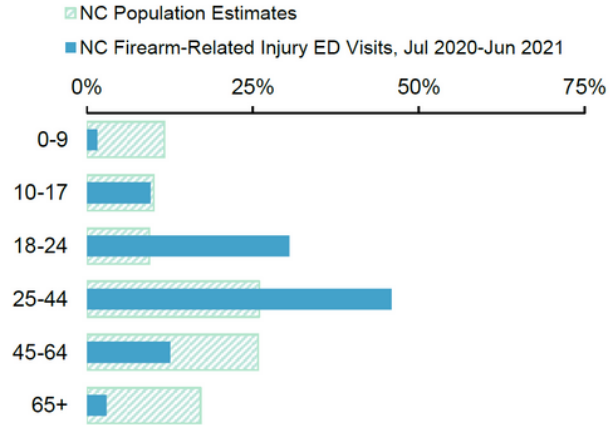
Counties with Highest Annual Firearm-Related Injury Rates Jul 2020-Jun 2021

| County | Count | Annual Rate [†] |
|------------------|--------------|--------------------------|
| Northampton | 44 | 230.5 |
| Halifax | 101 | 204.1 |
| Robeson | 261 | 200.8 |
| Edgecombe | 95 | 186.9 |
| Vance | 82 | 183.4 |
| Scotland | 56 | 161.7 |
| Hertford | 36 | 155.8 |
| Anson | 36 | 149.2 |
| Richmond | 59 | 133.1 |
| Lenoir | 74 | 132.8 |
| Statewide | 5,448 | 51.4 |

A little less than half of non-suppressed counties (40/87) had annual rates lower than the state rate of 51.4 ED visits per 100,000 residents. Fifteen counties had rates of 100 or higher per 100,000 residents.

[†] Rates are calculated using the most recent 12 months of data and 2020 population estimates. Counties listed in the "Highest Rates of Firearm-Related Injury ED visits" table will likely change each quarter. Therefore, the counties listed this quarter cannot be generalized as the top burden counties for the year.

ED Visits by Age Group



25-44 year olds make up 26% of NC's population and 44% of firearm-related injury ED visits. 18-24 year olds make up 9% of NC's population and 29% of firearm-related injury ED visits. 45-64 year olds make up 26% of NC's population and 13% of visits, and 10-17 year olds make up 9% of NC's population and 13% of visits. Ages 65+ make up 17% of the population and 3% of visits. 0-9 year olds make up 12% of NC's population and 2% of visits.

Data current as of January 15, 2022

Preventing Firearm-Related Injuries: What Works

Extreme Risk Protection Orders



Temporary civil orders to reduce firearm access if someone is at risk of violence to themselves or others can reduce suicides and firearm-related assaults.