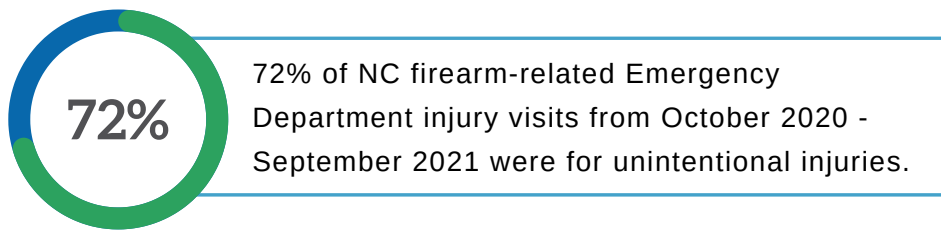


Firearm-Related Emergency Department Visits in North Carolina

July - September 2021



1,060 Firearm-Related Injury ED visits in July-Sept 2021 compared to **1,554** in July- Sept 2020

Data from the October 2020-September 2021 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 12% of visits, and 10-17 year olds accounted for 9% of visits. Ages 65+ made up 3% of visits, and ages 0-9 made up 2% of visits.

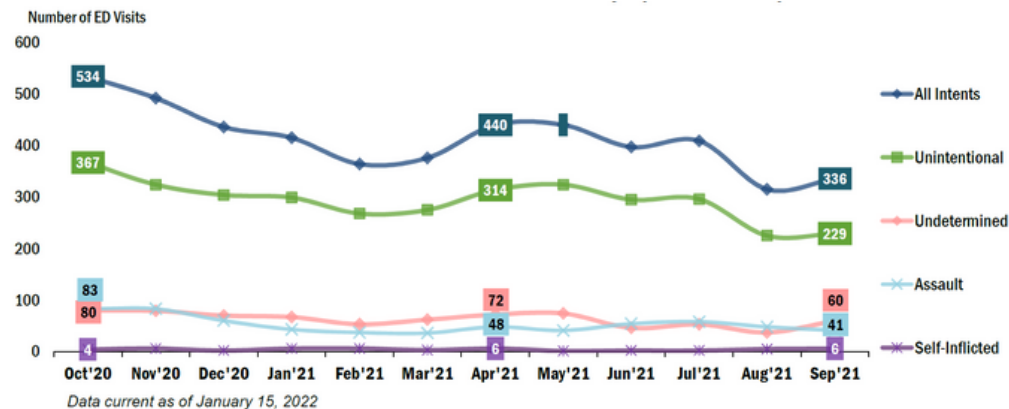
84% | Males made up 84% of firearm-related injury ED visits in NC, yet only 49% of the population.

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

40% | Non-Hispanic Black patients made up 40% of firearm-related injury ED visits in NC.

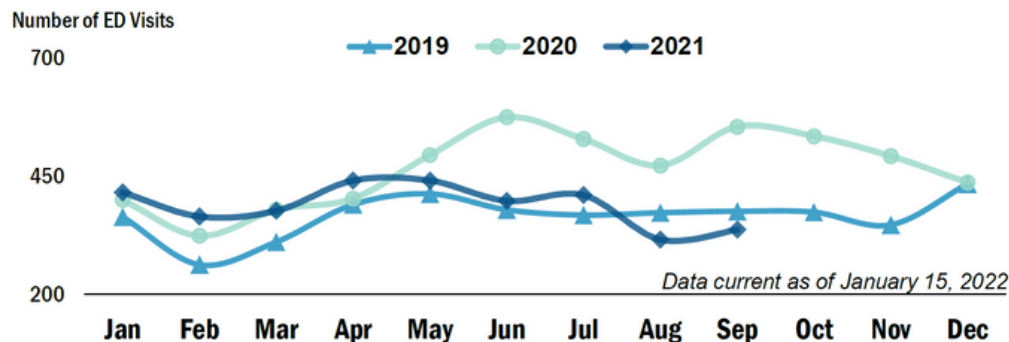
White non-Hispanic patients accounted for 19% of firearm-related injury ED visits, Hispanic patients accounted for 4% of ED visits, American Indian/Alaskan Native patients accounted for 2% of visits, and Asian/Pacific Islander patients accounted for 1% of visits. Race/ethnicity is unknown for 34% of visits.

Firearm-Related Injury ED Visits by Intent Oct 2020-Sept 2021



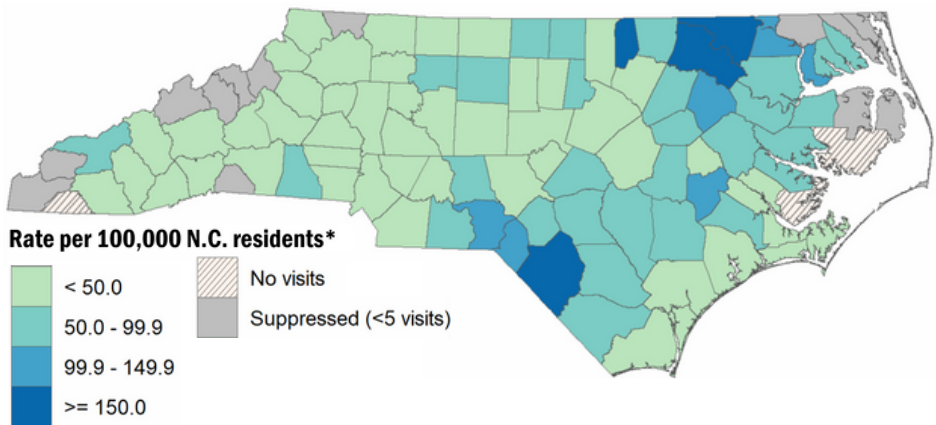
The majority of firearm-related injury ED visits from October 2020 to September 2021 were due to unintentional injuries. Visits due to firearm injuries from assault and undetermined intent had similar numbers in the past 12 months. Self-inflicted injuries made up the smallest proportion of firearm-related ED visits.

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



While January through April 2021 had the highest numbers of firearm-related ED visits in the past 3 years, numbers started to decline in May 2021. July 2021 had a small spike in number of visits, and August and September 2021 had the lowest number of visits for these months in the past three years. Overall, the month-to-month pattern of firearm-related injury ED visits in 2021 has been more similar to 2019 than 2020.

Firearm-Related Injury ED Visit Rates: Oct 2020-Sept 2021



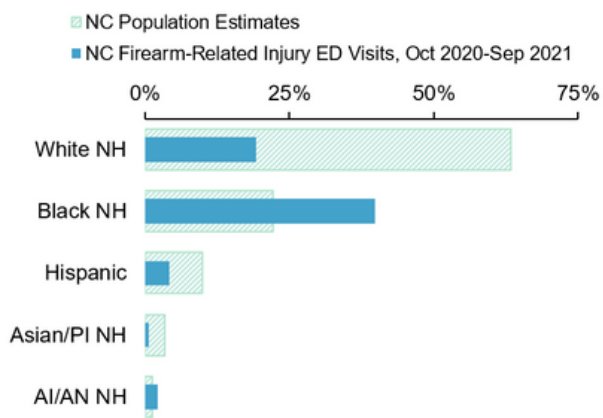
Counties with Highest Annual Firearm-Related Injury Rates Oct 2020-Sept 2021

County	Count	Annual Rate [†]
Northampton	43	225.3
Vance	91	203.9
Robeson	253	194.6
Halifax	89	179.9
Scotland	51	147.2
Hertford	33	142.8
Edgecombe	71	139.7
Lenoir	71	127.4
Chowan	17	123.1
Richmond	49	110.5
Statewide	4,954	46.7

A little less than half of non-suppressed counties (40/87) had annual rates lower than the state rate of 46.7 ED visits per 100,000 residents. Ten 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 Race & Ethnicity

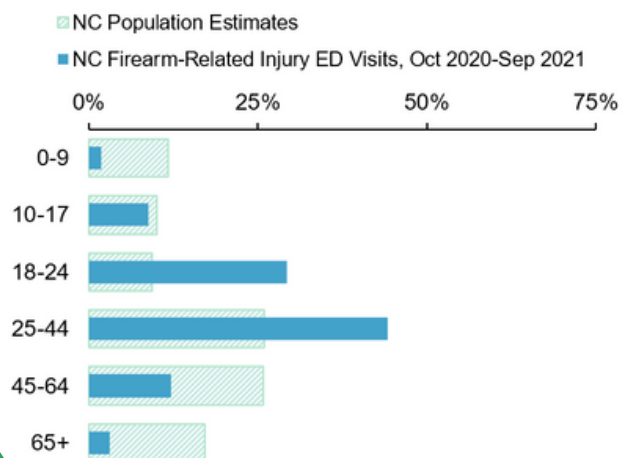


Data current as of January 15, 2022

Note: NH (non-Hispanic); PI (Pacific Islander); AI/AN (American Indian/Alaskan Native)
Race/ethnicity unknown or other for 34% of encounters

Non-Hispanic Black patients made up 22% of the NC population and 40% of firearm-related injury ED visits in NC. Non-Hispanic whites made up 63% of the population and 19% of firearm-related injury ED visits. Hispanic patients made up 10% of the population and 4% of visits. American Indians/Alaskan Natives made up 1% of the population and 2% of visits. Asian Americans/Pacific Islanders made up 3% of the population and 1% of visits.

ED Visits by Age Group



Data current as of January 15, 2022

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

Preventing Firearm-Related Injuries: What Works

Restricted access for DVPO defendants



Restricting firearm access for domestic violence protection order defendants has been shown to lower firearm-related assaults.