

Overview of IVPB Fall Injury Data Resources

NCDHHS Division of Public Health, [Injury and Violence Prevention Branch \(IVPB\)](#), Epidemiology, Surveillance, and Informatics (ESI) Unit

Where Can I Find Fall Injury Data?

The Injury and Violence Prevention Branch (IVPB) creates multiple resources to help keep our partners informed about fall injuries in NC.

Visit our [Fall Injury Data page](#) for annual surveillance updates, statewide summary data, and county-level data on unintentional fall injuries. This page includes:

- Summary information on fall injury deaths, hospitalizations, and emergency department (ED) visits in NC over time
- Data on groups most impacted by fall injury
- County level data on fall injuries and deaths, including data on traumatic brain injury (TBI)-related fall injuries
- Other fall injury data resources and links to fall prevention information

Additional data about how unintentional fall injuries compare to other leading causes of injury are also included on the IVPB [Data and Surveillance page](#).

For help finding the fall injury data you need, visit the [NC Injury Data Resource Inventory](#).

This interactive tool helps you identify which website or IVPB data resource has the information that best meets your needs.

Overview of IVPB Fall Injury Data Resources and How to Use Them

Fall Injury Slide Sets

Use the prepared PowerPoint slides to include unintentional fall injury data in your next presentation, or as a resource to understand more about fall injuries in NC.



There are two sets of prepared slides.

[Fall-Related Injuries Slide Set](#)

- PowerPoint presentation providing an overview of some of the key unintentional fall injury trends in NC.
- Includes information on statewide vulnerable populations, unintentional fall deaths, and unintentional fall injury hospitalizations and ED visits.



IVPB CREATES AND SHARES THESE RESOURCES TO SUPPORT FALL INJURY PREVENTION ACROSS NC.

- Permission is not needed to use any of the posted data in your presentations, manuscripts, reports, and other work.
- If you use IVPB published data, please include a version of the following citation:

NC Department of Health and Human Services, Division of Public Health, Injury & Violence Prevention Branch. "[data resource name]." [webpage data were accessed from]. Accessed [insert access date]. [insert the website address].

Older Adult Falls and Related TBI

- PowerPoint presentation including a data overview, prevention strategies, and statewide resources for older adult falls and TBI.
- There is also a [recording of this presentation](#).

These slides can be used to:

- Understand which groups are most impacted by unintentional fall injuries, where unintentional fall injuries are occurring, and how the number of these injuries has changed over time in NC.
 - These PowerPoint slides are meant to offer a state-level background on fall injuries by data source.
 - Slides include information on unintentional fall injury deaths, hospitalizations, and ED visits, with specific data for older adults.
 - The slides were created to provide basic data trends and public health surveillance around unintentional fall injuries.
- Incorporate fall injury data into your own presentations, grant proposals, reports, or any other way they may be useful.
 - Each slide includes detailed notes explaining the information on the slide.
 - Technical notes are also available to help with understanding and presenting data.

TBI-Related Fall Injury Maps

TBI is an injury caused by a bump, blow, jolt, or penetration to the head that disrupts the normal function of the brain. TBI is a common condition surrounding fall injuries, with many fall injuries resulting in a TBI.



Use these [maps of TBI-related fall injuries](#) to compare rates of unintentional fall injuries and deaths that also involved TBI across NC counties.

- Know where TBI-related fall injuries are happening in the state.
 - Compare rates of TBI-related fall injuries by county. For more information on comparing injury rates, visit [Understanding Counts and Rates](#).
 - Focus prevention and response activities to areas of the state that are most impacted by fall injuries and TBI.
- Maps include data over the most recent five-year period.
- Maps are available for TBI related fall injury deaths, hospitalizations, and ED visits.

Unintentional Falls ORION Reports

Use the [Unintentional Falls ORION Reports](#) to compare the number and rate of unintentional fall injuries and deaths across different demographic groups.

- Reports include data for unintentional fall injury deaths, hospitalizations, and ED visits by gender, race/ethnicity, and age group.
- Data can be used to focus prevention and response activities to groups that are most impacted by unintentional fall injuries.
- Reports are available statewide and by county, with data over the most recent five-year period.
 - For county-specific reports, select the county from the dropdown list and then click “Get County Report”.

Special Emphasis Reports: Fall Injuries

Use the [Fall Injuries Special Emphasis Report](#) for more detailed data about unintentional fall injuries among older adults



- Describes the impact and magnitude of falls in older adults.
- Outlines risk factors for falls in older adults and compares fall injury data among older adults by age group, sex, and for counties experiencing the highest hospitalization rates for unintentional falls.
- Provides data on circumstances of the fall injury, including hip fractures and TBI.
- Includes strategies for prevention of falls in older adults and ongoing fall injury prevention strategies taking place in NC.

Leading Causes of Injury Data

Use the [leading causes of injury data resources](#) to compare unintentional fall injuries and deaths to other leading causes of injury and death in NC.



These resources provide data on the top five or top 10 leading causes of injury ED visits, hospitalizations, and deaths in NC and by county.

Leading Causes of Injury in NC PowerPoint slides

- These PowerPoint slides provide a state-level overview of the leading causes of injury death, hospitalizations, and ED visits for NC residents.
- Slides include data for the most recent finalized data year.
- Slides can be used to incorporate fall injury data into your own presentations, grant proposals, reports, or any other way they may be useful.
 - Each slide includes detailed notes to help with understanding and presenting leading causes of injury data.

Top Five Leading Causes of Injury by County Reports

- Reports provide data on the top five leading causes of injury deaths, hospitalizations, and ED visits by county overall and for specific age groups.
- Data included in the reports are combined over the most recent five years.

Statewide Leading Causes of Injury Charts and Tables

- Charts show the top 10 leading causes of injuries for each age group.
 - Leading causes are further grouped by injury intent. For more information on injury intent, visit [Injury Mechanism and Intent](#).
- Tables show the count and rate for the top 10 leading causes of injury.
 - Tables are included by age group, race/ethnicity, and sex
- Charts and Tables include data for the most recent finalized data year.
 - Reports for previous data years are also available.

Injury Mechanisms and Intent ORION Reports

- Statewide reports are available for the most recent finalized data year.
 - Reports for previous data years are also available.
 - Reports compare counts and rates of all types of injury mechanisms and intents.
- Statewide and county-specific reports combine the most recent five years of data.
 - Combining data across multiple years allows data to be shared for all counties. For more information visit, [Data Suppression and Working with Small Numbers](#).

- For county-specific reports, select the county from each of the dropdown lists and click “Get County Report”.

NC Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT) Unintentional Falls Dashboard



Use the [NC DETECT Unintentional Falls Dashboard](#) to track and monitor annual ED visit trends for unintentional fall injury statewide and by county over time.

- Data can be compared by sex, race, age group, and county to identify groups experiencing the greatest burden of unintentional fall injury across the state and focus prevention activities.
 - Data are available overall and for older adults.
- The dashboard includes data from 2017 forward.
 - The most recent year of data included in the dashboard may be provisional and subject to change.
 - For more information on provisional ED visit data, visit [Using Provisional Data for Monitoring Injuries](#).
- Each page of the dashboard can be downloaded as a PDF or as other formats.

NC Behavioral Risk Factor Surveillance System (BRFSS) Data



Use NC BRFSS data from the NC State Center for Health Statistics (SCHS) to understand self-reported experiences with falls and fall-related injury.

- Questions included in the survey alternate from year to year and may change over time.
 - The NC SCHS provides all questionnaires and survey results from the NC BRFSS on the [NC BRFSS website](#).
- For more information on considerations when using survey data to understand fall injuries, visit [What Should I Know Before Using Fall Injury Data](#).
- For more information about NC BRFSS data, visit [Data Sources IVPB Uses for Injury Surveillance](#)

Questions About IVPB Fall Injury Data

Contact Us: Email us at InjuryData@dhhs.nc.gov with questions about IVPB fall injury data.

Custom Injury Data Requests: Visit the [custom injury data request page](#) for more information on how to request fall injury data from IVPB.

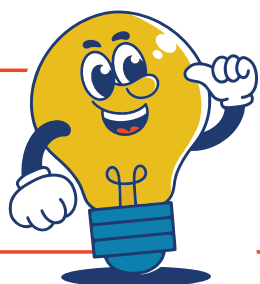
Epidemiology Office Hours: [Schedule time to meet with an epidemiologist](#) to discuss data availability, questions, or custom requests.

- See the [custom injury data request page](#) for more details.

Fall Injury Prevention Information

- Information about fall injury prevention is available on the [IVPB Falls Injury page](#).
- Visit [Standing Strong NC](#) for steps to prevent falls and related injuries.
 - Includes a wide range of information, tools, and resources aimed at preventing falls among those ages 55 and older

- Visit the [NC Falls Prevention Coalition website](#) to learn about efforts to reduce the number of injuries and deaths from falls among adults in NC.
 - Access the [Falls State Action Plan](#) for more information on falls prevention in NC.
 - Learn about efforts to:
 - Increase awareness
 - Provide education and training
 - Provide tools and resources
 - Foster linkages between programs and organizations working to reduce falls
- Visit [Safe Kids North Carolina](#) for information on [falls safety](#), [playground safety](#), and other resources to prevent injuries among children.
- For national data and prevention resources, visit:
 - [CDC's page on preventing falls in older adults](#)
 - [CDC's falls prevention resources page](#)



FOR MORE RESOURCES:

Visit our [Injury Data Users Toolkit](#)



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

dph.ncdhhs.gov/injury-and-violence-prevention-branch-data-users-toolkit

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