

## Motor Vehicle Crash Deaths: Costly But Preventable

# NORTH CAROLINA



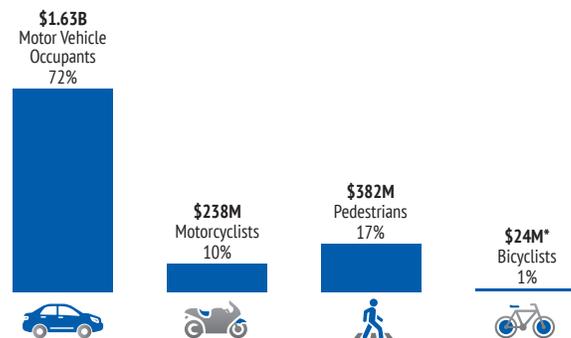
Motor vehicle crashes and their resulting injuries are preventable; state-level changes are especially effective for prevention.

## TAKING ACTION CAN SAVE LIVES

In 2018, more than 1,500 people in North Carolina were killed in motor vehicle traffic crashes. North Carolina can consider the following proven strategies, and the enforcement of related policies, to save lives and money:

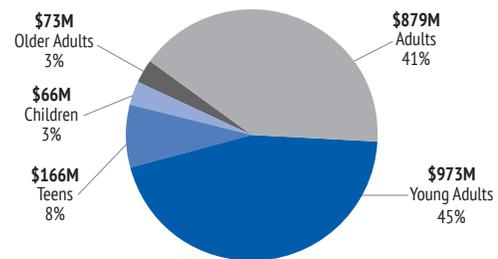
- A primary enforcement seat belt law that covers all seating positions
- Child passenger safety laws that require proper car seat and booster seat use until at least age 9
- Ignition interlock devices required for all (including first-time) offenders convicted of alcohol-impaired driving
- A graduated driver licensing (GDL) system that includes:
  - A minimum age of 16 for obtaining a learner's permit
  - A minimum age of 18 for lifting both nighttime driving and young passenger restrictions

### COST OF TRAFFIC DEATHS BY TYPE OF ROAD USER NORTH CAROLINA



Source: CDC WISQARS (Web-based Injury Statistics Query and Reporting System), 2018  
\*Cost is based on fewer than 20 deaths and may be unstable.

### COST OF TRAFFIC DEATHS BY AGE GROUP NORTH CAROLINA



Children: 0-14, Teens: 15-19, Young Adults: 20-34, Adults: 35-64, Older Adults: 65+  
Source: CDC WISQARS, 2018

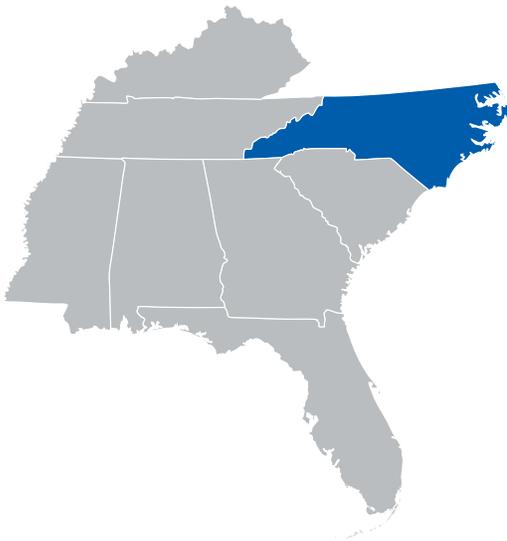


Centers for Disease  
Control and Prevention  
National Center for Injury  
Prevention and Control

Working together, we can help keep people safe on the road—every day.

[www.cdc.gov/motorvehiclesafety/statecosts](http://www.cdc.gov/motorvehiclesafety/statecosts)

# HOW DOES YOUR STATE COMPARE?



## STATES IN YOUR REGION

	Total population in 2018	Traffic crash death costs in 2018
Mississippi	3.0M	\$1.00B
Kentucky	4.5M	\$1.06B
Alabama	4.9M	\$1.53B
Tennessee	6.8M	\$1.54B
South Carolina	5.1M	\$1.56B
Georgia	10.5M	\$2.10B
<b>North Carolina</b>	<b>10.4M</b>	<b>\$2.26B</b>
Florida	21.3M	\$4.40B

The cost figures presented in the fact sheets are based on information collected by each individual state. There may be differences between states' methods of collection and categorization of these data.

## PREVENTION SAVES MONEY

The **best way** to reduce motor vehicle crash costs is to prevent crashes. Some effective strategies for preventing crashes include:

- automated red-light and speed-camera enforcement
- comprehensive graduated driver licensing systems
- publicized sobriety checkpoints
- mandatory ignition interlocks for all (including first-time) offenders convicted of alcohol-impaired driving

The **next best way** to reduce costs is to prevent injuries when crashes occur. Proven ways to prevent injuries during a crash include:

- high-visibility enforcement of seat belt and child restraint laws
- primary seat belt laws for all seating positions
- laws that require car seat or booster seat use for children until at least age 9
- distribution plus education programs for car seats and booster seats
- bicycle helmet laws for children

For more information about these and other effective programs, visit [www.cdc.gov/motorvehiclesafety](http://www.cdc.gov/motorvehiclesafety).

## CDC'S COST ESTIMATE TOOLS



CDC's interactive calculator, MV PICCS (Motor Vehicle Prioritizing Interventions and Cost Calculator for States), was designed to help decision makers prioritize and select from a suite of 14 effective motor vehicle injury prevention interventions. At the state level, MV PICCS calculates the expected number and monetized value of injuries prevented and lives saved and the costs of implementation, while taking into account available resources. Visit [www.cdc.gov/motorvehiclesafety/calculator](http://www.cdc.gov/motorvehiclesafety/calculator).

CDC's Web-based Injury Statistics Query and Reporting System (WISQARS) is an online, interactive system that provides reports of injury-related data. To find the costs of various injury deaths and nonfatal injuries, visit [www.cdc.gov/injury/wisqars](http://www.cdc.gov/injury/wisqars).

**WISQARS** 