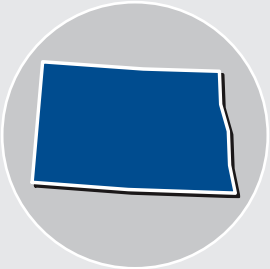
Motor Vehicle Crash Deaths: Costly but Preventable

In the United States

- Over 30,000 people are killed in crashes each year.
- Motor vehicle crashes are a top 10 cause of death among people aged 1–54.
- In 2013, crash deaths resulted in $44 billion in medical and work loss costs.

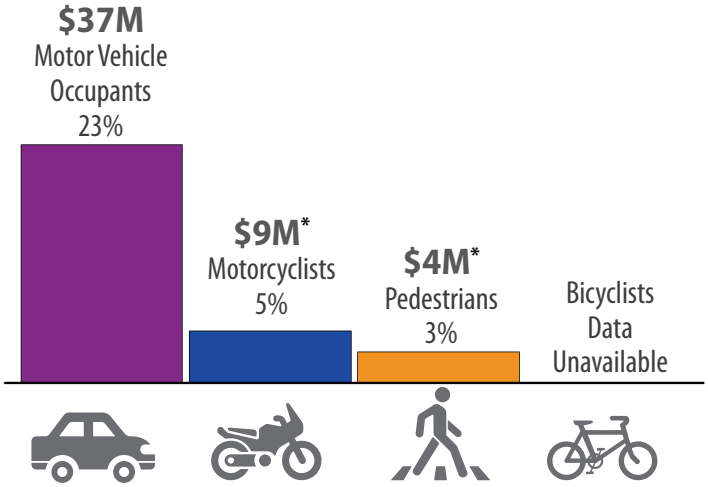


Motor vehicle crashes are preventable. More can be done to prevent crashes and reduce injuries, and state-level changes are especially effective.

NORTH DAKOTA

$1 Million Medical costs + **$161 Million** Work loss costs = **$162 Million** Total cost of crash-related deaths in North Dakota in one year.

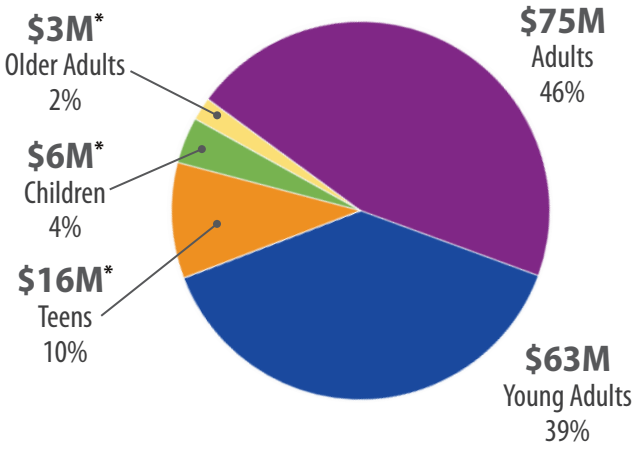
BY TYPE OF ROAD USER



In North Dakota, $112 million (69%) were categorized as "other/unspecified."

**Cost is based on fewer than 20 deaths and may be unstable.*

BY AGE GROUP



Children: 0–14, Teens: 15–19, Young Adults: 20–34, Adults: 35–64, Older Adults: 65+

**Cost is based on fewer than 20 deaths and may be unstable.*

Taking action can save lives

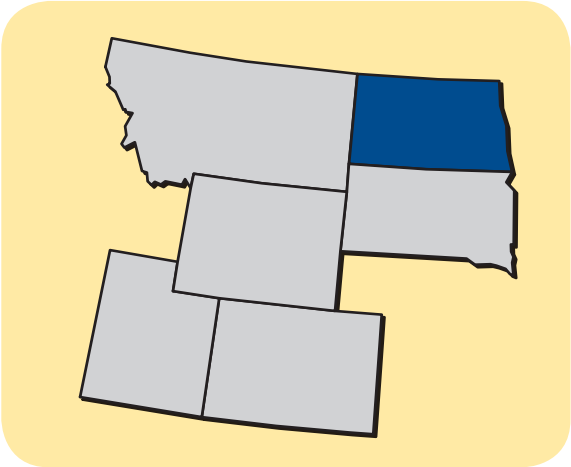
In 2013, about 115 people in North Dakota were killed in motor vehicle crashes. North Dakota can consider the following proven strategies, and the enforcement of related policies, to save lives and money:

- Primary enforcement seat belt law that covers all seating positions.
- Child passenger safety policies that require proper car seat and booster seat use through at least age 8.
- Ignition interlock device required for all persons convicted of driving while intoxicated.
- Graduated driver licensing system which includes minimum age provisions of 16 years for obtaining a learner's permit and 18 years for full license, a mandatory learner's permit holding period of 12 months, and a limit of zero or one young passenger allowed in the vehicle.

National Center for Injury Prevention and Control
Division of Unintentional Injury Prevention

CS257443AP

How does your state compare?



States in Your Region		
	Total population in 2013	Crash-related death costs in 2013
Wyoming	0.6M	$127M
North Dakota	**0.7M**	**$162M**
South Dakota	0.8M	$177M
Utah	2.9M	$268M
Montana	1.0M	$299M
Colorado	5.3M	$647M

The cost figures presented in the fact sheets are based on information collected by each individual state. As a result, there are differences between states in the way they collect and categorize 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:

- graduated driver licensing systems,
- sobriety checkpoints, and
- ignition interlocks for those convicted of driving while intoxicated.

The **next best way** to reduce costs is to prevent injuries when crashes do happen.
Among the proven ways to prevent injuries during a crash are increasing:

- car seat and booster seat use through distribution plus education programs,
- car seat and booster seat use through updated laws that require car seat or booster seat use for children age 8 and under, and
- seat belt use through primary seat belt laws for all seating positions.

For more information about these programs and policies, visit: www.cdc.gov/motorvehiclesafety.

Where can I get more cost estimates?

- CDC offers a new interactive calculator, called the Motor Vehicle PICCS (Prioritizing Interventions and Cost Calculator for States). This tool 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 of injuries prevented and lives saved and the costs of implementation, while taking into account available resources. www.cdc.gov/motorvehiclesafety/calculator

WISQARS

- 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.

For more information about this fact sheet, including references, visit: www.cdc.gov/motorvehiclesafety/statecosts
For more information about CDC's motor vehicle safety work, visit: www.cdc.gov/motorvehiclesafety

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