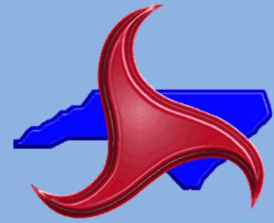


NCDOT Traffic Safety Unit Programs



Crash Costs for North Carolina

The Traffic Safety Unit annually updates cost figures associated with traffic crashes. This information is used by unit personnel for cost analyses and project development. Crash costs are currently available from 1993 to present at the following link:

<https://connect.ncdot.gov/resources/safety/Pages/Crash-Data.aspx>

A memo is provided for each available year of crash cost data, containing background information about the development. Starting with the 2017 update, NCDOT is using the final recommendation from FHWA's *Crash Costs for Highway Safety Analysis*. The comprehensive crash costs presented in this guide are based on the values provided in the FHWA report.

The 2023 crash costs are provided in the table below for Total Crashes. The costs of crashes are listed by severity, where the crash level severity is the worst severity sustained by any individual in the crash. A Fatal Crash is one that involves a death, an A Injury Crash is one where the worst severity is a disabling injury, a B Injury Crash is one where the worst severity is an evident injury, and a C Injury Crash is one where the worst severity is a possible injury.

2023 Crash Costs - Total Crashes

Crash Type	Cost Per Crash 2023 Dollars
Fatal Crash	\$12,551,000
A Injury Crash	\$732,000
B Injury Crash	\$246,000
C Injury Crash	\$143,000
Property Damage Only Crash	\$15,000
Average Crash	\$135,000
Injury Crash (F+A+B+C)	\$467,000
Non-Fatal Injury Crash (A+B+C)	\$212,000
Severe Injury Crash (F+A)	\$3,845,000
Moderate Injury Crash (B+C)	\$179,000

The 2023 crash costs are calculated for eight categories of traffic crashes. Refer to the crash costs document (at the web link above) for the cost per crash for these specific categories:

- a) Total Crashes
- b) Frontal Impact Crashes
- c) Lane Departure Crashes
- d) Rear End Crashes
- e) Pedestrian Crashes
- f) Bicycle Crashes
- g) Train Crashes
- h) Truck Crashes
- i) Animal Crashes