

North Carolina

Crash Report Form DMV-349

A reportable motor vehicle crash must meet at least one of the following criteria:

- results in a fatality, or
- a non-fatal personal injury, or
- property damage of \$1,000 or greater, or
- property damage of any amount to a vehicle seized

In addition, a reportable motor vehicle crash must occur on a trafficway (any land way open to the public as a matter of right or custom for moving persons or property from one place to another) or occur after the motor vehicle runs off the roadway but before events are stabilized.

The terms collision, accident, and crash are synonymous when describing a motor vehicle crash.

(FILLING OUT THE DMV-349)

(*) EXPLAIN IN CRASH NARRATIVE (-) IF QUESTION DOES NOT APPLY, USE A DASH

(If a section does not apply, draw diagonal line through section)

ONLY USE "CHECK BLOCKS" IF THEY APPLY

The Division of Motor Vehicles (DMV) requests that:

1. The DMV-349 should be typewritten or if handwritten the officer should use black ink,
2. The report should be legible. This is of the utmost importance for clarity, when reports are microfilmed or imaged for later storage, and
3. The original should be submitted to the DMV Traffic Records Section.

(20) Commercial Motor Vehicle (CMV)

A commercial motor vehicle (CMV) is defined as a motor vehicle or combination of motor vehicles **used in commerce** to transport passengers or property if the motor vehicle:

- a. Has a gross combination weight rating of **10,001 or more pounds** inclusive of a towed unit, or
- b. Is designed to transport **16 or more passengers**, including the driver, or
- c. Is of any size and is used in the **transportation of materials found to be hazardous** for the purposes of the Hazardous Materials Transportation Act and which require the motor vehicle to be placarded under the Hazardous Materials Regulations (49 CFR Part 172, Subpart F).

If the vehicle is a CMV, check box 20 on the DMV-349

(1) Locality

- 1 Rural (<30% developed)
- 2 Mixed (30% to 70% developed)
- 3 Urban (>70% developed)

(2) Predominant Development Type

- 1 Farms, woods, pastures
- 2 Residential
- 3 Commercial
- 4 Institutional
- 5 Industrial

(3) Road Surface Condition

- 1 Dry
- 2 Wet
- 3 Water (standing, moving)
- 4 Ice
- 5 Snow
- 6 Slush
- 7 Sand, Mud, Dirt, Gravel
- 8 Fuel, Oil
- 9 Other*
- 10 Unknown

(4-5) Weather Condition (Maximum - two per crash)

- 1 Clear
- 2 Cloudy
- 3 Rain
- 4 Snow
- 5 Fog, smog, smoke
- 6 Sleet, hail, freezing rain/drizzle
- 7 Severe crosswinds
- 8 Blowing sand, dirt, snow
- 9 Other*

(6) Weather Contributed To the Crash

- 1 Yes 2 No 3 Unknown

(7) Ambient Light

- 1 Daylight
- 2 Dusk
- 3 Dawn
- 4 Dark - lighted roadway
- 5 Dark - roadway not lighted
- 6 Dark - unknown lighting
- 7 Other*
- 8 Unknown

(21) Vehicle Number 1, 2, 3, etc.

(22) Person Type

- 1 Driver
- 2 Passenger

Non-Motorist (including)

- 3 Pedestrian
- 4 Pedalcyclist
- 5 Roller skater, roller blader, etc.

- 6 Other*
- 7 Unknown

(23) Seating Position

- 1 Front - left (Driver, motorcycle driver)
- 2 Front - middle
- 3 Front - right
- 4 Second seat - left (motorcycle passenger)
- 5 Second seat - middle
- 6 Second seat - right
- 7 Third row - left (motorcycle passenger)
- 8 Third row - middle
- 9 Third row - right
- 10 Sleeper section of cab (truck)
- 11 Passenger in other enclosed area (refer to multi-occupant form)
- 12 Passenger in unenclosed area (pickup)
- 13 Trailing unit
- 14 Riding on vehicle exterior
- 15 Unknown

(24) DOB

mm/dd/ccyy
(If unavailable approx. Age)

(25) Ethnicity

- W White
- B Black
- N Native American
- H Hispanic
- O Other*
- U Unknown

(26) Gender

- M Male
- F Female
- U Unknown

(27) Occupant/Non-Motorist Protection

- 0 None used
- 1 Lap belt only
- 2 Shoulder and lap belt
- 3 Shoulder belt only
- 4 Child restraint
- 5 Helmet (motorcyclist or Non-Motorist)
- 6 Protective pads
- 7 Reflective clothing
- 8 Lighting
- 9 Other*
- 10 Unable to determine

(28) Air Bag Deployed

- 0 No Air Bag(s)
- 1 Not deployed
- 2 Deployed front
- 3 Deployed side
- 4 Deployed both front and side
- 5 Unknown

(30) Trapped

- 1 Yes
- 2 No
- 3 Unknown

(31) Ejection

- 1 Not ejected
- 2 Totally ejected
- 3 Partially ejected
- 4 Unknown

(32) Injury Status

- 1 Killed
- 2 A type injury (disabling)
- 3 B type injury (evident)
- 4 C type injury (possible)
- 5 No injury
- 6 Unknown

Names and Addresses

Names and addresses are necessary for all persons involved in the crash, including non-motorists, as well as motor vehicle occupants.

This will help later investigations, including identifying persons previously involved in a crash, as well as persons whose injury status is later updated following a crash.

Vehicle Towing

Towed To/By:

(8-9) Contributing Circumstances, Non-Motorist (Maximum - two per person)

- 0 None
- 1 Coming from behind parked veh.
- 2 Daring
- 3 Lying and/or illegally in roadway
- 4 Failure to yield right of way
- 5 Not visible (dark clothing, etc.)
- 6 Inattentive (talking, eating, etc.)
- 7 Failure to obey traffic signs, Signals
- 8 Wrong side of road
- 9 Other*
- 10 Unknown

(12-13) Contributing Circumstances, Roadway (Maximum - two per crash)

- 0 None (no unusual conditions)
- 1 Road Surface Condition
- 2 Debris
- 3 Rut, holes, bumps
- 4 Work zone (construction, maintenance, utility)
- 5 Worn travel-polished surface
- 6 Obstruction in roadway
- 7 Traffic control device inoperative, not visible or missing
- 8 Shoulders low, soft or high
- 9 No shoulders
- 10 Non-highway work
- 11 Other*
- 12 Unknown

(10-11) CRASH LEVEL First Harmful Event & Most Harmful Event

- 0 Unknown
- Non-Collision**
- 1 Ran off road - right
- 2 Ran off road - left
- 3 Ran off road - straight
- 4 Jackknife
- 5 Overturn/rollover
- 13 Other non-collision*
- Collision of Motor Vehicle With**
- 14 Pedestrian*
- 15 Pedalcyclist
- 16 RR train, engine
- 17 Animal
- 18 Movable object*
- 19 Fixed object*
- Collision of Two or More Motor Vehicles**
- 20 Parked motor vehicle
- 21 Rear end, slow or stop
- 22 Rear end, turn
- 23 Left turn, same roadway
- 24 Left turn, different roadways
- 25 Right turn, same roadway
- 26 Right turn, different roadways
- 27 Head on
- 28 Sideswipe, same direction
- 29 Sideswipe, opposite direction
- 30 Angle
- 31 Backing up
- 32 Other collision with vehicle*

(14-19) Contributing Circumstances, Driver (Maximum - three per driver)

- 0 No contributing circumstances indicated
- 1 Disregarded yield sign
- 2 Disregarded stop sign
- 3 Disregarded other traffic signs
- 4 Disregarded traffic signals
- 5 Disregarded road markings
- 6 Exceeded authorized speed limit
- 7 Exceeded safe speed for conditions
- 8 Failure to reduce speed
- 9 Improper turn
- 10 Right turn on red
- 11 Crossed centerline/going wrong way
- 12 Improper lane change
- 13 Use of improper lane
- 14 Overcorrected/oversteered
- 15 Passed stopped school bus
- 16 Passed on hill
- 17 Passed on curve
- 18 Other improper passing
- 19 Failed to yield right of way.
- 20 Inattention
- 21 Improper backing
- 22 Improper parking
- 23 Driver distracted
- 24 Improper or no signal
- 25 Followed too closely
- 26 Operated vehicle in erratic, reckless, careless, negligent or aggressive manner
- 27 Swerved or avoided due to wind, slippery surface, vehicle, object, non-motorist
- 28 Visibility obstructed
- 29 Operated defective equipment
- 30 Alcohol use
- 31 Drug use
- 32 Other*
- 33 Unable to determine
- 34 Unknown

Contributing Circumstances 8 - 9
Non-Motorist

First Harmful Event at Crash Level

Most Harmful Event at Crash Level

Contributing Circumstances 12 - 13
Roadway

Driver 1 Contributing Circumstances

Driver 2 Contributing Circumstances

(33) Relation to Roadway Surface

The location of the first harmful event (at the crash level) as it relates to its position within or outside the trafficway

- 1 On Roadway (Surface)
- Off Roadway
- Shoulder
- Median
- Roadside
- Outside Trafficway
- Unknown

(34) Vision Obstruction

- 0 None
- 1 Vehicle window(s) obscured
- 2 Trees, crops, brush, etc.
- 3 Building(s)
- 4 Embankment
- 5 Sign(s)
- 6 Hillcrest
- 7 Parked vehicle(s)
- 8 Vehicle(s) in traffic/moving
- 9 Blinded, headlights
- 10 Blinded, sunlight
- 11 Blinded, other lights
- 12 Other*
- 13 Unknown

(35) Physical Condition

- 1 Apparently normal
- 2 Illness
- 3 Fatigue
- 4 Fell asleep, fainted, loss of consciousness
- 5 Impairment due to medications, drugs, alcohol
- 6 Medical condition
- 7 Other physical impairment
- 8 Restriction not complied with
- 9 Other*
- 10 Unknown

(36) Driver License Restrictions

Restrictions assigned to an individual's driver license by the license examiner.

Indicate restrictions shown on the Driver's License. For out-of-state drivers, write out the restriction.

(37) Alcohol/Drugs Suspected

- 0 No
- 1 Yes - alcohol, impairment suspected
- 2 Yes - alcohol, no impairment detected
- 3 Yes - other drugs, impairment suspected
- 4 Yes - other drugs, no impairment detected
- 5 Yes - alcohol and other drugs, impairment suspected
- 6 Yes - alcohol and other drugs, no impairment detected
- 7 Unknown

(38) Alcohol/Drugs

Test Status

- 0 No test
- 1 Alcohol test
- 2 Test for other drugs
- 3 Alcohol & other drugs test
- 4 Test refused
- 5 Unknown

(39) Alcohol/Drugs

Test Results

- 0 No test
- 1 No alcohol or other drugs
- 2 Alcohol (percent BAC)
- 3 Other drugs reported
- 4 Contaminated sample/unusable
- 5 Pending
- 6 Unknown

(40) Vehicle Seizure (DWI)

Check this box if the crash involves alcohol or other drugs in sufficient amount to constitute a DWI, and the vehicle is "seized."

(41) Vehicle Style (Type)

- 1 Passenger car
- 2 Pickup
- 3 Light truck (mini-van, panel)
- 4 Sport utility
- 5 Van
- 6 Commercial bus
- 7 School bus
- 8 Activity bus
- 9 Other bus
- 10 Single unit truck (2-axle, 6-tire)
- 11 Single unit truck (3 or more axles)
- 12 Truck/trailer
- 13 Truck/tractor (i.e., bobtail)
- 14 Tractor/semi-trailer
- 15 Tractor/doubles
- 16 Unknown heavy truck
- 17 Taxicab
- 18 Farm equipment
- 19 Farm tractor
- 20 Motorcycle
- 21 Moped
- 22 Motor scooter or motor bike
- 23 Pedalcycle
- 24 Pedestrian
- 25 Motor home/recreational vehicle
- 26 Other*
- 27 All terrain vehicle (ATV)
- 28 Firetruck
- 29 EMS Vehicle, Ambulance, Rescue Squad
- 30 Military
- 31 Police
- 32 Unknown

(42) Vehicle Drivable

Vehicle is disabled by damage severe enough to prevent driving it. For comparison purposes, this data element could be used as a minimum reporting threshold for "property damage only" crashes.

(43) TAD

Damaged Areas

- FC Front concentrated
- FD Front distributed
- FL Front left corner
- FR Front right corner
- BC Rear concentrated
- BD Rear distributed
- BL Rear left corner
- BR Rear right corner
- LP Left side (door)
- RP Right side (door)
- LFQ Left side front quarter
- RFQ Right side front quarter
- LBQ Left side rear quarter
- RBQ Right side rear quarter
- LD Left side distributed
- RD Right side distributed
- L&T Left side & top (rollover)
- R&T Right side & top (rollover)
- TOP Top
- UND Underneath

Extent of Deformity

The Severity of Damage is based on a scale of "0" being no damage and "7" being the most severe damage

(44) Estimated Damage

Dollar estimate of the cost to restore the vehicle to its condition just prior to the crash, or the estimated value of the vehicle before the crash, whichever is less. For a "totaled" vehicle, enter a dollar estimate of the retail value of the vehicle prior to the crash. Do not enter the word "totaled".

A vehicle being towed by another is part of the towing vehicle and its damage should be included in the "Parts Damaged" and "Amount of Damage" categories.

(45) Cargo Body Type

- 1 Bus (seats for 16 or more, including driver)
- 2 Bus (seats for less than 16, including driver)
- 3 Van/enclosed box
- 4 Grain/chips/gravel truck
- 5 Pole truck
- 6 Cargo tank
- 7 Flatbed
- 8 Dump
- 9 Concrete mixer
- 10 Auto transporter
- 11 Garbage/refuse
- 12 Log truck
- 13 Other*

(46) Name of EMS

Record the name of the EMS (or EMS unit number if available) that responded to the crash. A letter designation, unique to each injured person is provided in the first column of the Occupant and Non-Motorist Section. This unique identifier must precede the name of the EMS for each injured person being transported.

Example: A - Cumberland County Ambulance

(47) Injured Taken by EMS to

Record the destination of the injured person preceded by the unique letter designation (from the first column) for the person involved, if they were taken to a hospital, clinic, doctor's office, or other place of emergency medical aid. Include both name of treatment facility and city or town.

Example: A - N.C. Memorial, Chapel Hill; B - Duke Hospital, Durham, etc.

KEY DEFINITIONS

CRASH/MOTOR VEHICLE/UNIT

A motor vehicle crash is any event that results in death, injury or property damage attributable directly to a motor vehicle or its load in transport, but not involving aircraft or watercraft. It must occur on a trafficway or after the motor vehicle runs off the roadway but before events are stabilized.

A motor vehicle is any mechanically or electrically powered device, not operated on rails, upon which any person or property may be transported or drawn upon a highway.

A unit is any motor vehicle, pedestrian, pedalcyclist, moped or other road vehicle, excluding railway vehicles, which can be shown on the report as "other" RR train.

DRIVERLESS MOTOR VEHICLE

A driverless motor vehicle, though previously parked, or a motor vehicle out of control while being towed or pushed, is considered to be a motor vehicle in transport. Also, an abandoned motor vehicle, upon a roadway, is considered to be a motor vehicle in transport. This principle does not apply to such devices as farm or industrial machinery, highway graders, construction machinery, or similar devices which are not in use at the time of the crash for transport.

HIT & RUN

A hit & run vehicle is one which was involved in the crash as the "striking vehicle" or as the "vehicle struck" but which left the scene. The appropriate box must be checked, e.g., vehicle 1, vehicle 2, etc. and any information that is known, included in the Driver and/or Vehicle areas.

NON-CONTACT VEHICLE OR NON-MOTORIST

Non-contact phantom motor vehicles or non-motorists are units that caused the crash but left the scene. They should not be counted in the number of units, but should be referred to in the narrative.

Non-contact motor vehicles or non-motorists are units that caused the crash and remained at the scene. They should be counted as units with identifying information, and referred to in the narrative. A school bus could be an example of a non-contact vehicle that is related to a crash (refer to data element # 68).

SCHOOL BUS

A motor vehicle used for the transportation of any school pupil at or below the 12th-grade level to or from a public or private school or school-related activity.

A school bus must be externally identifiable by the color yellow, the words "school bus", flashing red lights located on the front and rear, and identifying lettering on both sides indicating the school or school district served, or the company operating the bus.

MOTOR VEHICLE STATUS

The use of the device at the time of the crash is the primary criterion for establishing motor vehicle status. For example:

1. A registered motor vehicle is being drawn by a team of horses on a city street; it is considered other road vehicle.
2. A registered motor vehicle is being used to draw a plow engaged in breaking ground on a farm; it is considered farm machinery while engaged in plowing.
3. A registered truck is engaged in spreading concrete at a road construction site; it is construction machinery.
4. A motorized highway grader, under its own power, is moving from one work place to another on a public way; it is considered a motor vehicle in transport.
5. A registered truck, with a blade attached, is engaged in plowing snow from a trafficway; it is considered road maintenance machinery.
6. A riding, motorized lawn mower, under its own power, is being driven from one home to another on a city street; it is considered a motor vehicle in transport.
7. A military tank is being moved, under its own power, from the firing range to the motor pool, on a land way of a military post; it is considered a motor vehicle in transport.

