

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Accident Date- Mmddy	ACC_DATE	Date when the accident occurred.	Numeric	8	<input type="checkbox"/>		Element has YYYYMMDD format up to 1999, where YYYY = Year, MM = Month and DD = Day. From 2000 onwards the element captures the time of the accident as well.
Accident	Access Control	ACCESS	Access control at the location of the crash.	Numeric	8	<input type="checkbox"/>		New element added in 2000.

1	No Access Control
2	Full Access Control
3	Partial Access Control

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	First Harmful Event	ACCTYPE	First harmful event in the crash sequence.	Numeric	8	<input type="checkbox"/>		1. Some changes in codes for this element from 2000 onwards. This resulted in some shifts in categories. Some categories were combined, while some categories were differentiated because of this. 2. There is a significant decrease in run-off road crashes from 1999-2000. This is because quite a few crashes that were coded as run-off road until 1999 were coded as fixed object crashes from 2000 onwards. Similarly, category 18 (movable object) for 2000 and later years appears to be similar to category 34 (other object) for 1999 and earlier years. Also, categories 28 and 29 (sideswipe crashes) for 1999 and earlier years. Also categories 28 and 29 (sideswipe crashes) for 2000 and later years appear to be similar to category 36 for 1999 and earlier years.

00	Unknown							
01	Ran Off Road – Right							
02	Ran Off Road – Left							
03	Ran Off Road – Straight							
04	Jackknife							Categories discontinued from 2000 onwards.
05	Overturn/Rollover							
10	Hit Moped							Categories added from 2000 onwards.
13	Other Non-Collision							Categories added from 2000 onwards.
14	Pedestrian							
15	Pedalcyclist							
16	RR Train, Engine							
17	Animal							
18	Movable Object							
19	Fixed Object							
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							Categories added from 2000 onwards.

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
	29	Sideswipe, Opposite Direction						Categories added from 2000 onwards.
	30	Angle						
	31	Backing Up						
	32	Other Collision with Vehicle						Categories added from 2000 onwards.
	33	Other in Road						Categories discontinued from 2000 onwards.
	34	Hit Other Object						Categories discontinued from 2000 onwards.
	35	Type Not Stated						Categories discontinued from 2000 onwards.
	36	Sideswipe						
Accident	Accident Year	ACCYR	Year when the accident occurred.	Alphanumeric	4	<input type="checkbox"/>		Format YYYY where YYYY = Year. Element discontinued from 2000 onwards.
Accident	Alcohol/Drugs In Acc	ALCFLAG	Whether or not alcohol or drugs were involved when the accident occurred.	Alphanumeric	1	<input type="checkbox"/>		'0' for Pre 2000. '1' for Pre 2000.
	N	No Drink or Drug						
	Y	Intoxication Code 2 or 3						
Accident	Bicycle In Acc	BIKEFLAG	Bicycle in Accident	Alphanumeric	1	<input type="checkbox"/>		'0' for Pre 2000. '1' for Pre 2000.
	N	Not Bicycle Accident						
	Y	Bicycle Accident						
Accident	Year + Case Number	CASENO	Year and Case Number	Numeric	8	<input type="checkbox"/>		Format YNNNNNNN where YY = Year and NNNNN = Case Number. Element type is CHAR for 1990 to 1999.
Accident	City/Town Code (Incl Co)	CITY	City/Town Code (Include CO)	Numeric	8	<input type="checkbox"/>		For data before 2010, City/Town Code has to be combined with DIV (i.e. Highway Division Route) variable to get 4-digit City/Town codes. Contact HSIS staff for more information on codes for the city element. Also note that city element codes are different for pre 2000 and post 2000 years. HSIS staff maintains a list of all these codes.
Accident	County Route Number	CNTY_RTE	City route number where the crash occurred.	Alphanumeric	10	<input type="checkbox"/>		Computed element, used for linkage with the roadlog element.

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	NC County Number	COUNTY	NC county number where the crash occurred.	Numeric	8	<input type="checkbox"/>		

00	Alamance
01	Alexander
02	Allegheny
03	Anson
04	Ashe
05	Avery
06	Beaufort
07	Bertie
08	Bladen
09	Brunswick
10	Buncombe
11	Burke
12	Carrabus
13	Caldwell
14	Camden
15	Carteret
16	Caswell
17	Catawba
18	Chatham
19	Cherokee
20	Chowan
21	Clay
22	Cleveland
23	Columbus
24	Craven
25	Cumberland
26	Currituck
27	Dare
28	Davidson
29	Davie
30	Duplin
31	Durham

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Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
	32		Edgecombe				
	33		Forsyth				
	34		Franklin				
	35		Gaston				
	36		Gates				
	37		Graham				
	38		Granville				
	39		Greene				
	40		Guilford				
	41		Halifax				
	42		Harnett				
	43		Haywood				
	44		Henderson				
	45		Hertford				
	46		Hoke				
	47		Hyde				
	48		Iredell				
	49		Jackson				
	50		Johnston				
	51		Jones				
	52		Lee				
	53		Lenoir				
	54		Lincoln				
	55		Macon				
	56		Madison				
	57		Martin				
	58		McDowell				
	59		Mecklenburg				
	60		Mitchell				
	61		Montgomery				
	62		Moore				
	63		Nash				
	64		New Hanover				

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Category	Field	Field-Literal	Description	Format	Length	Retired Year	Retired Year	Source comments
	65		Northampton					
	66		Onslow					
	67		Orange					
	68		Pamlico					
	69		Pasquotank					
	70		Pender					
	71		Perquimans					
	72		Person					
	73		Pitt					
	74		Polk					
	75		Randolph					
	76		Richmond					
	77		Robeson					
	78		Rockingham					
	79		Rowan					
	80		Rutherford					
	81		Sampson					
	82		Scotland					
	83		Stanly					
	84		Stokes					
	85		Surry					
	86		Swain					
	87		Transylvania					
	88		Tyrell					
	89		Union					
	90		Vance					
	91		Wake					
	92		Warren					
	93		Washington					
	94		Watauga					
	95		Wayne					
	96		Wilkes					
	97		Wilson					

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
	98	Yadkin						
	99	Yancey						
Accident	Reporting Department Code	DEPT_CDE	Department code of the department who reported to the crash.	Alphanumeric	9	<input type="checkbox"/>		New element added in 2000.
Accident	Development Amount	DEVELOP	Development Amount	Alphanumeric	8	<input type="checkbox"/>		
	0	Not Stated						
	1	Rural (< 30% Developed)						
	2	Mixed (30% to 70%)						
	3	Urban (> 70% Developed)						
Accident	From Road	FRM_RD	From Road - used in describing crash location for subsequent mileposting.	Alphanumeric	8	<input type="checkbox"/>		
Accident	From Road Class	FRMRD_CL	From Road Class - used in describing crash location for subsequent mileposting.	Alphanumeric	4	<input type="checkbox"/>		
	CL	County Line						
	I	Interstate						
	LCL	Local City Street						
	MILE	Mile Marker						
	ML	Municipal Limit						
	NC	NC Route						
	PP	Private Property						
	PVA	Public Vehicular Area						
	RP	Rural Paved						
	RU	Rural Unpaved						
	SL	State Line						
	SR	State Route						
	UNK	Unknown						

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Category	Field	Field-Literal	Description	Format	Length	Retired <input type="checkbox"/>	Retired Year	Source comments
Accident	Light Condition	LIGHT	Light condition when the accident occurred.	Numeric	8			

0	Not Stated (Pre 2000)
1	Daylight
2	Dusk
3	Dawn
4	Dark – Lighted Roadway
5	Dark – Roadway Not Lighted
6	Dark – Unknown Lighting
7	Other
8	Unknown

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Accident Location Type	LOC_TYPE	Location of the crash in relation to nearby roadway feature.	Numeric	8	<input type="checkbox"/>		1. Some changes in codes for this variable from 2000 onwards. This resulted in some shifts in categories. Some categories were combined, while some categories were differentiated because of this. 2. For 2000 and later years, categories 7 to 12 are coded which describe different types of intersections. Prior to 2000, all intersection related crashes were coded as category 27. Similarly, for 2000 and later years categories 15 to 21 are coded which describe different types of ramp crashes. Prior to 2000, all ramp related crashes were coded as category 28.

00	No Feature							
01	Bridge							
02	Bridge Approach							
03	Underpass							
04	Driveway, Public							
05	Driveway, Private							
06	Alleyway Intersection							
07	Four-Way Intersection							Categories coded after 2000.
08	T-Intersection							Categories coded after 2000.
09	Y-Intersection							Categories coded after 2000.
10	Traffic Circle/Roundabout							Categories coded after 2000.
11	Five Point or More							Categories coded after 2000.
12	Related to Intersection							Categories coded after 2000.
13	Non-Intersection Median Crossing							
14	End or Beginning Divided Highway							
15	Off Ramp Entry							Categories coded after 2000.
16	Off Ramp Proper							Categories coded after 2000.
17	Off Ramp Terminal on Crossroad							Categories coded after 2000.
18	Merge Lane Between On and Off Ramp							Categories coded after 2000.
19	On Ramp Entry							Categories coded after 2000.
20	On Ramp Proper							Categories coded after 2000.
21	On Ramp Terminal on Crossroad							Categories coded after 2000.
22	Railroad Crossing							
23	Tunnel							
24	Shared Use Path or Trails							
25	Other							

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	26		Not stated (Pre 2000)					
	27		Intersection of Roadway (Pre 2000)					
	28		Interchange Ramp (Pre 2000)					
	29		Interchange Service Road (Pre 2000)					

Accident	Development Type	LOCALITY	Type of development at crash location.	Numeric	8	<input type="checkbox"/>
	0		Not Stated			
	1		Farms, Woods, Pastures			
	2		Residential			
	3		Commercial			
	4		Institutional			
	5		Industrial			
	6		Unknown			

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Most Harmful Event	MHARM_AC	Most harmful event in the crash sequence.	Numeric	8	<input type="checkbox"/>		New element added in 2000.

00	Unknown
01	Ran Off Road – Right
02	Ran Off Road – Left
03	Ran Off Road – Straight
04	Jackknife
05	Overturn/Rollover
13	Other Non-Collision
14	Pedestrian
15	Pedalcycle
16	RR Train, Engine
17	Animal
18	Movable Object
19	Fixed Object
20	Parked Motor Vehicle
21	Rear End, Slow or Stop
22	Rear End, Turn
23	Left Turn, Same Roadway
24	Left Turn, Different Roadway
25	Right Turn, Same Roadway
26	Right Turn, Different Roadway
27	Head On
28	Sideswipe, Same Direction
29	Sideswipe, Opposite Direction
30	Angle
31	Backing Up
32	Other Collision with Vehicle

Accident	Milepost	MILEPOST	Milepost	Numeric	8	<input type="checkbox"/>		
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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Direction From Municipality To Acc	MUNI_DIR	Direction from municipality to accident - used in describing crash location for subsequent mileposting.	Alphanumeric	2	<input type="checkbox"/>		New element added in 2000.

E	East
N	North
NE	Northeast
NW	Northwest
S	South
SE	Southeast
SW	Southwest
W	West

Accident	Distance From Municipality In Miles	MUNI_DIS	Distance from the municipality to the crash in miles - used in describing crash location for subsequent mileposting.	Numeric	8	<input type="checkbox"/>		New element added in 2000
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Accident	Number Of Lanes	NBR_LANE	Number of lanes at the crash location.	Numeric	8	<input type="checkbox"/>		
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00	Parking Lot
01	1 Lane
02	2 Lanes
03	3 Lanes
04	4 Lanes
05	5 Lanes
06	6 Lanes
07	7 Lanes
08	8 Lanes
09	9 Lanes
10	10 Lanes
11	11 Lanes
12	12 Lanes
13-99	12 Lanes

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Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments				
Accident	In Or Near Town	NEARTOWN	In or Near Town - used in describing crash location for subsequent mileposting.	Numeric	8	<input type="checkbox"/>	New element added in 2000.				
<table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table>								1	Yes	2	No
1	Yes										
2	No										
Accident	Non-Reportable	NON_REP	Whether a crash does not meet the minimum reportability requirement.	Numeric	8	<input type="checkbox"/>	New element added in 2000.				
<table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table>								1	Yes	2	No
1	Yes										
2	No										
Accident	Non-Motorist Count	NONMTCNT	Non-Motorist Count	Numeric	8	<input type="checkbox"/>	New element added in 2000.				
Accident	Number Of Units	NUM_UNIT	Number of units involved in the crash.	Numeric	8	<input type="checkbox"/>					
Accident	Number Of Veh+Ped+Bik	NUMVEHS	Number of Vehicle + Pedestrian + Bike	Numeric	8	<input type="checkbox"/>					
Accident	Reporting Officer State	OFFCR_ST	Reporting Officer State	Alphanumeric	2	<input type="checkbox"/>	New element added in 2000.				
Accident	On Road	ON_RD	On Road - used in describing crash location for subsequent mileposting.	Alphanumeric	8	<input type="checkbox"/>					

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																										
Accident	On Road Class	ONRD_CL	On Road Class - used in describing crash location for subsequent mileposting.	Alphanumeric	4	<input type="checkbox"/>		New element added in 2000.																										
<table border="1"> <tr><td>CL</td><td>County Line</td></tr> <tr><td>I</td><td>Interstate</td></tr> <tr><td>LCL</td><td>Local City Street</td></tr> <tr><td>MILE</td><td>Mile Marker</td></tr> <tr><td>ML</td><td>Municipal Limit</td></tr> <tr><td>NC</td><td>NC Route</td></tr> <tr><td>PP</td><td>Private Property</td></tr> <tr><td>PVA</td><td>Public Vehicular Area</td></tr> <tr><td>RP</td><td>Rural Paved</td></tr> <tr><td>RU</td><td>Rural Unpaved</td></tr> <tr><td>SL</td><td>State Line</td></tr> <tr><td>SR</td><td>State Route</td></tr> <tr><td>UNK</td><td>Unknown</td></tr> </table>									CL	County Line	I	Interstate	LCL	Local City Street	MILE	Mile Marker	ML	Municipal Limit	NC	NC Route	PP	Private Property	PVA	Public Vehicular Area	RP	Rural Paved	RU	Rural Unpaved	SL	State Line	SR	State Route	UNK	Unknown
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UNK	Unknown																																	
Accident	Patrol Area Code	PATROLAC	Patrol Area for NC State Highway Patrol.	Alphanumeric	2	<input type="checkbox"/>		New element added in 2000.																										
Accident	Pedestrian In Acc	PEDFLAG	Whether or not the accident involved pedestrians.	Alphanumeric	1	<input type="checkbox"/>																												
<table border="1"> <tr><td>N</td><td>Not Pedestrian Accident ('0' for Pre 2000)</td></tr> <tr><td>Y</td><td>Pedestrian Accident ('1' for Pre 2000)</td></tr> </table>									N	Not Pedestrian Accident ('0' for Pre 2000)	Y	Pedestrian Accident ('1' for Pre 2000)																						
N	Not Pedestrian Accident ('0' for Pre 2000)																																	
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Accident	City Population In 1000	POP_GRP	Population of city where crash occurred.	Numeric	8	<input type="checkbox"/>		The unit of this element is thousands for years before 1999. So, if the variable is coded as 10, it indicates 10,000. For later years, the variable is coded as the absolute population, which are 10,000 indicates 10,000.																										
<table border="1"> <tr><td>0</td><td>< 1000 – Rural</td></tr> <tr><td>1-4</td><td>1000-1499</td></tr> <tr><td>5-9</td><td>5000-9999</td></tr> <tr><td>10-19</td><td>10000-19999</td></tr> <tr><td>20-34</td><td>20000-34999</td></tr> <tr><td>35-49</td><td>35000-49999</td></tr> <tr><td>50-74</td><td>50000-74999</td></tr> <tr><td>75-99</td><td>75000-99999</td></tr> <tr><td>100-HIGH</td><td>100000 +</td></tr> </table>									0	< 1000 – Rural	1-4	1000-1499	5-9	5000-9999	10-19	10000-19999	20-34	20000-34999	35-49	35000-49999	50-74	50000-74999	75-99	75000-99999	100-HIGH	100000 +								
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100-HIGH	100000 +																																	

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Public Vehicle Area	PVA	Public Vehicular Area	Alphanumeric	2	<input type="checkbox"/>		

Accident	Road Character	RD_CHAR1	Character of the road where the crash occurred.	Numeric	8	<input type="checkbox"/>		
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00	Not Stated
01	Straight – Level
02	Straight – Hillcrest
03	Straight – Grade
04	Straight – Bottom
05	Curve – Level
06	Curve – Hillcrest
07	Curve – Grade
08	Curve – Bottom
09	Other
10	Unknown

Accident	Road Configuration	RD_CONF	Road configuration where the crash occurred.	Numeric	8	<input type="checkbox"/>	All divided highways coded as category 6 for 1999 and earlier years. For 2000 and later years, all divided highways coded as category 3 and category 4.
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0	Not Stated	
1	One-Way, Not Divided	
2	Two-Way, Not Divided	
3	Two-Way, Divided, Unprotected Median	Categories present in 2000 and later years.
4	Two-Way, Divided, Positive Median Barrier	Categories present in 2000 and later years.
5	Unknown	
6	Divided	Categories present in 1999 and earlier years.

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Accident	Surface Condition	RDSURF	The condition of the road surface where the crash occurred.	Numeric	8	<input type="checkbox"/>	
	00	Not Stated					
	01	Dry					
	02	Wet					
	03	Water (Standing, Moving)					Categories present in 2000 and later years.
	04	Ice					
	05	Snow					
	06	Slush					Categories present in 2000 and later years.
	07	Sand, Mud, Dirt, Gravel					
	08	Fuel, Oil					
	09	Other					
	10	Unknown					
Accident	Dist From Frm_Rd In Feet	REFDISFT	Distance from FRM_RD in feet - used in describing crash location for subsequent mileposting.	Numeric	8	<input type="checkbox"/>	New element added in 2000.
Accident	Dist From Frm_Rd In Miles	REFDISMI	Distance from FRM_RD in miles - used in describing crash location for subsequent mileposting.	Numeric	8	<input type="checkbox"/>	
Accident	Relation To Roadway	REL_RD	Location of crash relative to travel lanes.	Numeric	8	<input type="checkbox"/>	New element in added in 2000.
	1	On roadway					
	2	Shoulder					
	3	Median					
	4	Roadside					
	5	Outside trafficway					
	6	Unknown					

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Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Reportable Status	REPORT	Reportable Status	Alphanumeric	1	<input type="checkbox"/>		
	D	Property Damage Only						
	F	Fatal						
	I	Injury						
	N	Non-Reportable						
	P	Private Property						Categories present in 2000 and later years.
	X	PVA Property Damage						Categories present in 2000 and later years.
	Y	PVA Injury						Categories present in 2000 and later years.
	Z	PVA Fatal						Categories present in 2000 and later years.
		Unknown						
Accident	Ramp Or Service Road	RMP_SVRD	Crash occurred on a ramp or service road.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
	Blank	Uncoded						
	1	Yes						
Accident	Road Classification	ROAD_CLS	Classification of the roadway where the crash occurred.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
	1	Interstate						
	2	US Route						
	3	NC Route						
	4	State Secondary Route						
	5	Local Street						
	6	Public Vehicular Area						
	7	Private Road, Driveway						
	8	Other						

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Accident	Roadway Contribut Circum 1	ROADCNT1	Roadway circumstance/condition that contributed to the crash.	Numeric	8	<input type="checkbox"/>																															
<table border="1"> <tr><td>00</td><td>None</td></tr> <tr><td>01</td><td>Road Surface Condition</td></tr> <tr><td>02</td><td>Debris</td></tr> <tr><td>03</td><td>Rut, Holes, Bumps</td></tr> <tr><td>04</td><td>Work Zone</td></tr> <tr><td>05</td><td>Worn Travel-Polished Surface</td></tr> <tr><td>06</td><td>Obstruction in Roadway</td></tr> <tr><td>07</td><td>Traffic Control Device Inoperative, Not Visible or</td></tr> <tr><td>08</td><td>Shoulders Low, Soft or High</td></tr> <tr><td>09</td><td>No Shoulders</td></tr> <tr><td>10</td><td>Non-Highway Work</td></tr> <tr><td>11</td><td>Other</td></tr> <tr><td>12</td><td>Unknown</td></tr> <tr><td>13</td><td>Repairs, Defects (Pre 2000)</td></tr> <tr><td>14</td><td>No Defects (Pre 2000)</td></tr> </table>								00	None	01	Road Surface Condition	02	Debris	03	Rut, Holes, Bumps	04	Work Zone	05	Worn Travel-Polished Surface	06	Obstruction in Roadway	07	Traffic Control Device Inoperative, Not Visible or	08	Shoulders Low, Soft or High	09	No Shoulders	10	Non-Highway Work	11	Other	12	Unknown	13	Repairs, Defects (Pre 2000)	14	No Defects (Pre 2000)
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Accident	Roadway Contribut Circum 2	ROADCNT2	2nd Roadway circumstance/condition that contributed to the crash.	Numeric	8	<input type="checkbox"/>																															
Accident	Rail Road Crossing Number	RRX_NUM	Railroad Crossing Number	Alphanumeric	7	<input type="checkbox"/>	New element added in 2000.																														
Accident	Railroad Cross Not Indicated	RRXFLAG	Railroad Cross Not Indicated	Alphanumeric	1	<input type="checkbox"/>	Element discontinued from 2000 onwards.																														
<table border="1"> <tr><td></td><td>Blank</td></tr> <tr><td>0</td><td>Not at Railroad Crossing</td></tr> <tr><td>1</td><td>At Railroad Crossing</td></tr> </table>									Blank	0	Not at Railroad Crossing	1	At Railroad Crossing																								
	Blank																																				
0	Not at Railroad Crossing																																				
1	At Railroad Crossing																																				
Accident	Mileposted Route	RTE_NBR	Mileposted Route	Alphanumeric	8	<input type="checkbox"/>																															
Accident	Rural-Urban Identification	RURURB	Rural-Urban Identification	Alphanumeric	1	<input type="checkbox"/>	New element added in 2000.																														
<table border="1"> <tr><td>R</td><td>Rural</td></tr> <tr><td>U</td><td>Urban</td></tr> </table>								R	Rural	U	Urban																										
R	Rural																																				
U	Urban																																				

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired <input type="checkbox"/>	Retired Year	Source comments																
Accident	Worst Injury In Acc	SEVERITY	The most severe injury in the crash.	Alphanumeric	1	<input type="checkbox"/>																		
<table border="1"> <tr><td>1</td><td>Fatal Injury</td></tr> <tr><td>2</td><td>Class A Injury</td></tr> <tr><td>3</td><td>Class B Injury</td></tr> <tr><td>4</td><td>Class C Injury</td></tr> <tr><td>5</td><td>No Injury</td></tr> <tr><td>6</td><td>Unknown</td></tr> </table>									1	Fatal Injury	2	Class A Injury	3	Class B Injury	4	Class C Injury	5	No Injury	6	Unknown				
1	Fatal Injury																							
2	Class A Injury																							
3	Class B Injury																							
4	Class C Injury																							
5	No Injury																							
6	Unknown																							
Accident	Direction Toward	TO_DIR	Direction toward TO_RD - used in describing crash location for subsequent mileposting.	Alphanumeric	2	<input type="checkbox"/>		New element added in 2000.																
<table border="1"> <tr><td>E</td><td>East</td></tr> <tr><td>N</td><td>North</td></tr> <tr><td>NE</td><td>Northeast</td></tr> <tr><td>NW</td><td>Northwest</td></tr> <tr><td>S</td><td>South</td></tr> <tr><td>SE</td><td>Southeast</td></tr> <tr><td>SW</td><td>Southwest</td></tr> <tr><td>W</td><td>West</td></tr> </table>									E	East	N	North	NE	Northeast	NW	Northwest	S	South	SE	Southeast	SW	Southwest	W	West
E	East																							
N	North																							
NE	Northeast																							
NW	Northwest																							
S	South																							
SE	Southeast																							
SW	Southwest																							
W	West																							
Accident	Toward Road	TO_RD	Toward Road - used in describing crash location for subsequent mileposting.	Alphanumeric	8	<input type="checkbox"/>																		

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Toward Road Class	TORD_CL	Toward Road Class - used in describing crash location for subsequent mileposting.	Alphanumeric	4	<input type="checkbox"/>		

CL	County Line
I	Interstate
LCL	Local City Street
MILE	Mile Marker
ML	Municipal Limit
NC	NC Route
PP	Private Property
PVA	Public Vehicular Area
RP	Rural Paved
RU	Rural Unpaved
SL	State Line
SR	State Route
UNK	Unknown

Accident	Dot Assigned Town Code	TOWN_CD	DOT Assigned Town Code	Numeric	8	<input type="checkbox"/>		New element added in 2000.
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Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																																
Accident	Traffic Control Type	TRF_CNTL	Traffic control device present at the crash location.	Numeric	8	<input type="checkbox"/>																																		
<table border="1"> <tr><td>0</td><td>No Control Present</td></tr> <tr><td>1</td><td>Stop Sign</td></tr> <tr><td>2</td><td>Yield Sign</td></tr> <tr><td>3</td><td>Stop and Go Signal</td></tr> <tr><td>4</td><td>Flashing Signal with Stop Sign</td></tr> <tr><td>5</td><td>Flashing Signal without Stop Sign</td></tr> <tr><td>6</td><td>RR Gate and Flasher</td></tr> <tr><td>7</td><td>RR Flasher</td></tr> <tr><td>8</td><td>RR Crossbucks Only</td></tr> <tr><td>9</td><td>Human Control</td></tr> <tr><td>10</td><td>Warning Sign</td></tr> <tr><td>11</td><td>School Zone Signs</td></tr> <tr><td>12</td><td>Flashing Stop and Go Signal</td></tr> <tr><td>13</td><td>Double Yellow Line, No Passing Zone</td></tr> <tr><td>14</td><td>Other</td></tr> <tr><td>15</td><td>Not Stated</td></tr> </table>									0	No Control Present	1	Stop Sign	2	Yield Sign	3	Stop and Go Signal	4	Flashing Signal with Stop Sign	5	Flashing Signal without Stop Sign	6	RR Gate and Flasher	7	RR Flasher	8	RR Crossbucks Only	9	Human Control	10	Warning Sign	11	School Zone Signs	12	Flashing Stop and Go Signal	13	Double Yellow Line, No Passing Zone	14	Other	15	Not Stated
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13	Double Yellow Line, No Passing Zone																																							
14	Other																																							
15	Not Stated																																							
Accident	Traffic Control Operating	TRF_OPER	Whether the traffic control device was operating when the crash occurred.	Numeric	8	<input type="checkbox"/>																																		
<table border="1"> <tr><td>0</td><td>No</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>Unknown</td></tr> <tr><td>3</td><td>Not Stated (Pre 2000)</td></tr> </table>									0	No	1	Yes	2	Unknown	3	Not Stated (Pre 2000)																								
0	No																																							
1	Yes																																							
2	Unknown																																							
3	Not Stated (Pre 2000)																																							
Accident	Weather Contribut To Acc	WETHCONT	Whether or not weather contributed to the accident.	Numeric	8	<input type="checkbox"/>		New element added in 2000.																																
<table border="1"> <tr><td>0</td><td>No</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>Unknown</td></tr> </table>									0	No	1	Yes	2	Unknown																										
0	No																																							
1	Yes																																							
2	Unknown																																							
Accident	Work Zone Marked	WORKZONE	Whether or not the crash was in a marked work zone.	Numeric	8	<input type="checkbox"/>		New element added in 2000.																																
<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>									1	Yes	2	No																												
1	Yes																																							
2	No																																							

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments										
Accident	Work Zone Activity	WZ_ACT	Whether or not there was activity in the work zone when the crash occurred.	Numeric	8	<input type="checkbox"/>	New element added in 2000.										
<table border="1"> <tr> <td>1</td> <td>On Going Activity</td> </tr> <tr> <td>2</td> <td>No Apparent Activity</td> </tr> </table>								1	On Going Activity	2	No Apparent Activity						
1	On Going Activity																
2	No Apparent Activity																
Accident	Work Zone Area	WZ_AREA	Type of work zone.	Numeric	8	<input type="checkbox"/>	New element added in 2000.										
<table border="1"> <tr> <td>1</td> <td>Construction Work Area</td> </tr> <tr> <td>2</td> <td>Maintenance Work Area</td> </tr> <tr> <td>3</td> <td>Utility Work Area</td> </tr> <tr> <td>4</td> <td>Intermittent/Moving Work</td> </tr> <tr> <td>5</td> <td>No</td> </tr> </table>								1	Construction Work Area	2	Maintenance Work Area	3	Utility Work Area	4	Intermittent/Moving Work	5	No
1	Construction Work Area																
2	Maintenance Work Area																
3	Utility Work Area																
4	Intermittent/Moving Work																
5	No																
Accident	Work Zone Crash Location	WZ_LOC	Part of work zone where crash occurred.	Numeric	8	<input type="checkbox"/>	New element added in 2000.										
<table border="1"> <tr> <td>1</td> <td>Before Work Area</td> </tr> <tr> <td>2</td> <td>In Work Area Approach Taper</td> </tr> <tr> <td>3</td> <td>Adjacent to Actual Work Area</td> </tr> </table>								1	Before Work Area	2	In Work Area Approach Taper	3	Adjacent to Actual Work Area				
1	Before Work Area																
2	In Work Area Approach Taper																
3	Adjacent to Actual Work Area																
Accident	Reporting Officer Zip Code	ZIP_ADR	Zip code of the office who reported to the crash.	Alphanumeric	9	<input type="checkbox"/>	New element added in 2000.										

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Occupant	Occupant Age	AGE	Age of occupant in the vehicle involved in the crash.	Numeric	8	<input type="checkbox"/>		

0-1	Infant - 1 yr
2-4	02 -04 yrs
5-10	05-10 yrs
11-14	11-14 yrs
15	15 yrs
16	16 yrs
17	17 yrs
18	18 yrs
19	19 yrs
20	20 yrs
21-25	21-25 yrs
26-30	26-30 yrs
31-35	31-35 yrs
36-45	36-45 yrs
46-55	46-55 yrs
56-65	56-65 yrs
66-75	65-77 yrs
76-85	76-85 yrs
86-97	86+ yrs
98	Not Occupied
99	Not Stated

Occupant	Airbag Switch Status	AIR_SW	Airbag Switch Status	Numeric	8	<input type="checkbox"/>		New element added in 2000.
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0	No On-Off Switch
1	Switch in On Position
2	Switch in Off Position
3	Unknown if Switch Present
4	Unknown Position in Vehicle

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments														
Occupant	Airbag Deployed	AIRDEPL	Whether or not the vehicle's airbag was deployed when the crash occurred.	Numeric	8	<input type="checkbox"/>		New element added in 2000.														
<table border="1"> <tr><td></td><td>Blank</td></tr> <tr><td>0</td><td>Unknown</td></tr> <tr><td>1</td><td>Air Bag Deployed</td></tr> <tr><td>2</td><td>Not Deployed</td></tr> </table>										Blank	0	Unknown	1	Air Bag Deployed	2	Not Deployed						
	Blank																					
0	Unknown																					
1	Air Bag Deployed																					
2	Not Deployed																					
Occupant	NC Accident Number With Yr	CASENO	NC Accident Number with Year	Numeric	8	<input type="checkbox"/>		Format YYNNNNNNN, where YY = Year and NNNNNN = CASENUM. Element type is CHAR for 1990 to 1999.														
Occupant	Ejection	EJECT	Ejection	Numeric	8	<input type="checkbox"/>		New element added in 2000.														
<table border="1"> <tr><td>1</td><td>Not Ejected</td></tr> <tr><td>2</td><td>Totally Ejected</td></tr> <tr><td>3</td><td>Partially Ejected</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table>									1	Not Ejected	2	Totally Ejected	3	Partially Ejected	4	Unknown						
1	Not Ejected																					
2	Totally Ejected																					
3	Partially Ejected																					
4	Unknown																					
Occupant	Emergency Medical Service	EMS_DES	Emergency Medical Service	Numeric	50	<input type="checkbox"/>		New element added in 2000.														
Occupant	Occupant Injury	INJ	Injury to the occupant of the vehicle involved in the crash.	Numeric	8	<input type="checkbox"/>																
<table border="1"> <tr><td>1</td><td>K Killed</td></tr> <tr><td>2</td><td>A Type Injury (Disabling)</td></tr> <tr><td>3</td><td>B Type Injury (Evident)</td></tr> <tr><td>4</td><td>C Type Injury (Possible)</td></tr> <tr><td>5</td><td>O No Injury</td></tr> <tr><td>6</td><td>Not Stated (Pre 2000)</td></tr> <tr><td>7</td><td>Not Occupied (Pre 2000)</td></tr> </table>									1	K Killed	2	A Type Injury (Disabling)	3	B Type Injury (Evident)	4	C Type Injury (Possible)	5	O No Injury	6	Not Stated (Pre 2000)	7	Not Occupied (Pre 2000)
1	K Killed																					
2	A Type Injury (Disabling)																					
3	B Type Injury (Evident)																					
4	C Type Injury (Possible)																					
5	O No Injury																					
6	Not Stated (Pre 2000)																					
7	Not Occupied (Pre 2000)																					
Occupant	Person Date Of Birth	PRSN_DOB	Date of birth for this occupant.	Numeric	8	<input type="checkbox"/>		New element added in 2000.														
Occupant	Person Number	PRSN_NBR		Numeric	8	<input type="checkbox"/>																
Occupant	Person State	PRSN_ST	Person State	Alphanumeric	2	<input type="checkbox"/>		New element added in 2000.														

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Occupant	Person Type	PRSN_TYP	Person Type	Numeric	8	<input type="checkbox"/>		New element added in 2000.
	1	Driver						
	2	Passenger						
	3	Pedestrian						
	4	Pedalcyclist						
	5	Roller Skater, Roller Blader, Etc.						
	6	Other						
	7	Unknown						
Occupant	Person Zip Code	PRSN_ZIP	Person Zip Code	Alphanumeric	9	<input type="checkbox"/>		New element added in 2000.
Occupant	Occupant Race	RACE	Race of the occupant of the vehicle involved in the crash.	Numeric	8	<input type="checkbox"/>		
	1	White						
	2	Black						
	3	Native American						
	4	Hispanic						
	5	Asian						
	6	Other						
	7	Unknown						
	8	Not Occupied (Pre 2000)						
	9	Non-White (Pre 2000)						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Occupant	Occupant Restraint	REST1	Occupant restraint used by this occupant.	Numeric	8	<input type="checkbox"/>		

00	None Used
01	Lap Belt Only
02	Shoulder and Lap Belt
03	Shoulder Belt Only
04	Child Restraint
05	Helmet
06	Protective Pads
07	Reflective Clothing
08	Lighting
09	Other
10	Unable to Determine
11	Not Stated (Pre 2000)
12	Unknown (Pre 2000)
13	Not Occupied (Pre 2000)

Occupant	Seating Position	SEATPOS	Seating position for this occupant.	Numeric	8	<input type="checkbox"/>
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01	Front – Left
02	Front – Middle
03	Front – Right
04	Second Seat – Left
05	Second Seat – Middle
06	Second Seat – Right
07	Third Row – Left
08	Third Row – Middle
09	Third Row – Right
10	Sleeper Section of Cab
11	Passenger in Other Enclosed Area
12	Passenger in Unenclosed Area
13	Trailing Unit
14	Riding on Vehicle Exterior
15	Unknown

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments										
Occupant	Occupant Sex	SEX	Sex of the occupant in the vehicle involved in the crash.	Numeric	8	<input type="checkbox"/>												
<table border="1"> <tr><td>1</td><td>Male</td></tr> <tr><td>2</td><td>Female</td></tr> <tr><td>3</td><td>Unknown</td></tr> <tr><td>4</td><td>Not Stated (Pre 2000)</td></tr> <tr><td>5</td><td>Not Occupied (Pre 2000)</td></tr> </table>									1	Male	2	Female	3	Unknown	4	Not Stated (Pre 2000)	5	Not Occupied (Pre 2000)
1	Male																	
2	Female																	
3	Unknown																	
4	Not Stated (Pre 2000)																	
5	Not Occupied (Pre 2000)																	
Occupant	Trapped	TRAPPED	Whether this occupant was trapped in the vehicle as a result of the crash.	Numeric	8	<input type="checkbox"/>		New element added in 2000.										
<table border="1"> <tr><td>0</td><td>No</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>Unknown</td></tr> </table>									0	No	1	Yes	2	Unknown				
0	No																	
1	Yes																	
2	Unknown																	
Occupant	Treatment Facility Name	TRT_FAC	Treatment Facility Name	Alphanumeric	100	<input type="checkbox"/>		New element added in 2000.										
Occupant	Vehicle Position Number	VEHNO	Vehicle Position Number	Numeric	8	<input type="checkbox"/>		Number of vehicle on accident report. The vehicle position number is needed (along with CASENO) for linking this seated occupant to the corresponding vehicle observation in the vehicle file. This information was copied from the North Carolina Vehicle Subfile element named VEHNO.										

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Aver Annual Daily Traffic	AADT	Average Annual Daily Traffic	Numeric	8	<input type="checkbox"/>		AADT estimates for a roadway segment in the 2001 and earlier files will not necessarily be consistent with estimates in 2002 and later. AADT estimates for road segments with a functional class of rural or urban "local" in 2008 and earlier files are often based on (very) old raw count data.

00000	Unknown
00001-00100	0-1000
00101-00500	101-500
00501-01000	501- 1000
01001-02000	1001- 2000
02001-05000	2001-5000
05001-10000	5001-10000
10001-15000	10000-15000
15001-20000	15001-20000
20001-40000	20001-40000
40001-999999	40000

Roadway	Year Of ADT	AADT_YR	Year of ADT	Alphanumeric	2	<input type="checkbox"/>	Format YY where YY = Year.
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Roadway	Access Control	ACCESS	Access Control	Alphanumeric	1	<input type="checkbox"/>	
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1	No Access Control
2	Partial Control
3	Full Control

Roadway	Area Type	AREATYPE	Area Type	Alphanumeric	1	<input type="checkbox"/>	
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0	Rural Not Within Urban Area
1	Rural Within Metro Area Not AQNA
2	Rural Within Metro Area with AQNA
3	Rural Not Within Metro Area with AQNA
4	Small Urban Area Within Metro Area Not AQNA
5	Small Urban Area Within Metro Area with AQNA
6	Small Urban Area Not In Metro Not AQNA
7	Small Urban Area Not in Metro with AQNA
8	Urban Area Not AQNA
9	Urban Area with AQNA

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Begin Milepost	BEGMP	Begin Milepost	Numeric	8	<input type="checkbox"/>		Coincidence routes 1-6 information is also available in the data.
Roadway	Number Of Lanes In The Direction Opposite To The Peak Hour Direction Flow	CNTR_PEAK_	Number of Lanes in the Direction Opposite To the Peak Hour Direction Flow.	Numeric	8	<input type="checkbox"/>		New variable added in 2010.
Roadway	County Route Number	CNTYRTE	County Route Number	Alphanumeric	10	<input type="checkbox"/>		

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	County	COUNTY	County	Alphanumeric	2	<input type="checkbox"/>		
00		Alamance						
01		Alexander						
02		Allegheny						
03		Anson						
04		Ashe						
05		Avery						
06		Beaufort						
07		Bertie						
08		Bladen						
09		Brunswick						
10		Buncombe						
11		Burke						
12		Cabarrus						
13		Caldwell						
14		Camden						
15		Carteret						
16		Caswell						
17		Catawba						
18		Chatham						
19		Cherokee						
20		Chowan						
21		Clay						
22		Cleveland						
23		Columbus						
24		Craven						
25		Cumberland						
26		Currituck						
27		Dare						
28		Davidson						
29		Davie						
30		Duplin						
31		Durham						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Retired Year	Source comments
	32		Edgecombe					
	33		Forsyth					
	34		Franklin					
	35		Gaston					
	36		Gates					
	37		Graham					
	38		Granville					
	39		Greene					
	40		Guilford					
	41		Halifax					
	42		Harnett					
	43		Haywood					
	44		Henderson					
	45		Hertford					
	46		Hoke					
	47		Hyde					
	48		Iredell					
	49		Jackson					
	50		Johnston					
	51		Jones					
	52		Lee					
	53		Lenoir					
	54		Lincoln					
	55		Macon					
	56		Madison					
	57		Martin					
	58		McDowell					
	59		Mecklenburg					
	60		Mitchell					
	61		Montgomery					
	62		Moore					
	63		Nash					
	64		New Hanover					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Retired Year	Source comments
	65		North Hampton					
	66		Onslow					
	67		Orange					
	68		Pamlico					
	69		Pasquotank					
	70		Pender					
	71		Perquimans					
	72		Person					
	73		Pitt					
	74		Polk					
	75		Randolph					
	76		Richmond					
	77		Robeson					
	78		Rockingham					
	79		Rowan					
	80		Rutherford					
	81		Sampson					
	82		Scotland					
	83		Stanly					
	84		Stokes					
	85		Surry					
	86		Swain					
	87		Transylvania					
	88		Tyrrell					
	89		Union					
	90		Vance					
	91		Wake					
	92		Warren					
	93		Washington					
	94		Watauga					
	95		Wayne					
	96		Wilkes					
	97		Wilson					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
	98	Yadkin						
	99	Yancey						
Roadway	Highway Division Route	DIV	Highway Division	Alphanumeric	2	<input type="checkbox"/>		
Roadway	Ending Milepost	ENDMP	Ending Milepost	Numeric	8	<input type="checkbox"/>		Coincidence routes 1-6 information is available in the data.
Roadway	Functional Class	FUNC_CLS	Functional Class	Alphanumeric	2	<input type="checkbox"/>		
	01	Rural Principle Arterial – Interstate						
	03	Rural Principal Arterial – Other						
	04	Rural Minor Arterial						
	06	Rural Major Collector						
	07	Rural Minor Collector						
	08	Rural Local						
	09	Urban Principal Arterial – Interstate						
	10	Urban Principal Arterial – Freeways and Expressway						
	11	Urban Principal Arterial – Other						
	12	Urban Minor Arterial						
	13	Urban Collector						
	14	Urban Local						
Roadway	Functional Class (State)	FUNC_ST	Functional Class Provided by the State	Alphanumeric	1	<input type="checkbox"/>		Element for internal use. Use the element FUNC_CLS to capture the information about FUNCTIONAL CLASS.
Roadway	Number Of HOV Lanes	HOV_LN_CNT	Number of HOV Lanes	Numeric	8	<input type="checkbox"/>		
Roadway	Type Of Lanes Used For Hov Exclusively Or During Specified Time Periods	HOV_TYD_CD	Type of Lanes Used For HOV Exclusively or During Specified Time Periods.	Numeric	8	<input type="checkbox"/>		
Roadway	HPMS Sample Id	HPMS1	HPMS Sample ID	Numeric	8	<input type="checkbox"/>		This element was not available from 2002-2008.

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Type Of Recent Improvement	IMPROVE1	Type of Recent Improvement	Alphanumeric	2	<input type="checkbox"/>		
	NL		Relocation					
	NR		New Construction					
	NE		New Construction-HPMS					
	RF		Reconstruction of Freeway					
	RL		Reconstruction with More Lanes					
	RW		Reconstruction to Widen Lanes					
	RP		Pavement Reconstruction					
	RI		ISO Reconstruction					
	MA		Major Widening					
	MI		Minor Widening					
	CS		Conc. Resurface with Shoulder Improvement					
	BS		Bituminous Resurface with Shoulder Improvement					
	RC		Concrete Resurfacing					
	RB		Bituminous Resurfacing					
	IP		Initial Paving					
	00		- Surface Type Change					
	RE		Restoration and Rehab					
	BR		Bridge Replacement					
	BH		Major Bridge Rehab					
	BM		Minor Bridge Rehab					
	ST		Safety/ Traffic Oper					
	OT		Environmentally Related					
Roadway	Interstate Milepost	INTSTMP	Interstate Milepost	Alphanumeric	5	<input type="checkbox"/>		

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Left Shoulder Type	LSHL_TYP	Left Shoulder Type	Alphanumeric	2	<input type="checkbox"/>		This element doesn't provide information on the inside shoulder for divided highways. It gives the shoulder type for the outside shoulder across the opposite direction travel lanes. Inside shoulder information for divided highways is available for a very few miles and it is not possible to identify those. Hence for all analysis consider this to be the outside shoulder type for the opposite direction travel lane.

	Unknown							
00	Unknown							New Formats for Data from 2009 onwards
01	Grass/Sod							
02	Gravel							
03	Bituminous Material							New Formats for Data from 2009 onwards
04	Curb Bituminous (Butimouns with Curb)							New Formats for Data from 2009 onwards
05	Concrete (Portland Cement Concrete Surface)							New Formats for Data from 2009 onwards
06	Curb Concrete (Concrete Curb)							New Formats for Data from 2009 onwards
07	Tie Bar (Shoulder Contains Tie Bars)							New Formats for Data from 2009 onwards
B3	Paved 1-2 ft							
B4	Paved 3-4 ft							
B5	Paved 5-6 ft							
B6	Paved 7-8 ft							
B7	Paved 9 ft							
B8	Paved 10+ ft							
B9	Curb							
C3	P.C. Concrete 1-2 ft							
C4	P.C. Concrete 3-4 ft							
C5	P.C. Concrete 5-6 ft							
C6	P.C. Concrete 7-8 ft							
C7	P.C. Concrete 9 ft							
C8	P.C. Concrete 10+ ft							
C9	P.C. Concrete Curb							
T4	P.C.C. 3-4 ft w/ Tie Bars							
T5	P.C.C. 5-6 ft w/ Tie Bars							
T6	P.C.C. 7-8 ft w/ Tie Bars							
T7	P.C.C. 9 ft w/ Tie Bars							
T8	P.C.C. 10+ ft w/ Tie Bars							

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Left Shoulder Width	LSHLDWID	Width of the left shoulder.	Numeric	8	<input type="checkbox"/>		One

0,	Unknown
1-3	1-3 ft
4-6	4-6 ft
7-9	7-9 ft
10-13	10-13 ft
14-25	14-25 ft
26	No Parking
27	Parallel Parking
28	Angle Parking

Roadway	Left Peak Park	LT_PARK	Type of parking on the left side of the road segment during the peak period.	Alphanumeric	1	<input type="checkbox"/>		
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A	Angular Parking
N	No Parking
P	Parallel Parking

Roadway	Median Type	MED_TYPE	Median Type	Alphanumeric	1	<input type="checkbox"/>		
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0	Undivided Roadway
1	Rigid Pos Barrier
2	Continuous Turn Lane
3	Paved Mountable
4	Curb
5	Grass
6	Positive Barrier
7	Parkland, Business
8	Couplet
9	Flexible Pos Barrier
10	Striped
11	Semi-Rigid Pos Barrier

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Median Width Total	MEDWID	Median Width –Total	Numeric	8	<input type="checkbox"/>		Median width is measured from edge of traveled lane to edge of opposing lane. It includes paved and unpaved inside shoulder width.

000	Zero ft
1-10	1-10 ft
11-20	11-20 ft
21-30	21-30 ft
31-40	31-40 ft
41-50	41-50 ft
51-60	51-60 ft
61-90	61-90 ft
91-99	91+ ft
100	Unknown or N/A
101	Couplet – 1 Way
102	Couplet – 2 Way

Roadway	Million Vehicle Miles Travelled	MVMT	Million Vehicle Miles Traveled	Numeric	8	<input type="checkbox"/>		
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Roadway	National Highway System	NHS	Whether this roadway section is part of the National Highway System.	Alphanumeric	1	<input type="checkbox"/>		New element added in 1993.
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0	Not NHS Section
2	NHS Section

Roadway	Number Of Lanes- Total	NO_LANES	Number of lanes – total for both directions.	Alphanumeric	1	<input type="checkbox"/>		
---------	------------------------	----------	--	--------------	---	--------------------------	--	--

0	Unknown
1	1 Lane
2	2 Lanes
3	3 Lanes
4	4 Lanes
5	5 Lanes
6	6 Lanes
7	7 Lanes
8	8 Lanes
9	9 or More Lanes

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
Roadway	One Way Direction	ONEWAY_DIR	Whether or not this section of road carries traffic in both or only one direction.	Numeric	8	<input type="checkbox"/>	New element added in 2009.
		0	Both Directions				
		1	One Direction				
Roadway	Paved Should Width (Left)	PAVED_LSHLD WID	Paved Shoulder Width (Left)	Numeric	8	<input type="checkbox"/>	
Roadway	Paved Should Width (Right)	PAVED_RSHLD WID	Paved Shoulder Width (Right)	Numeric	8	<input type="checkbox"/>	
Roadway	Percent Trucks	PCT_TRK1	Total Percent Trucks	Alphanumeric	2	<input type="checkbox"/>	Here, approximately 90% of the section mileage is coded as "unknown" for years prior to 2000. From 2000 – 2011, only 2% - 6% is coded as "unknown" or zero. The percent estimates in 2011 and earlier are based on "legacy" counts. The 2012 and later percent estimates are based on a new vehicle classification method felt to be more accurate.
		0	Unknown				
		01-10	1-10%				
		11-20	11-20%				
		21-30	21-30%				
		31-40	31-40%				
		41-50	41-50%				
		51-50	51-60%				
		61-70	61-70%				
		71-80	71-80%				
		81-90	81-90%				
		91-99	91-99%				
Roadway	Number Of Lanes In The Peak Hour Direction Of Flow	PEAKLANE	Number of Lanes in the Peak Hour Direction of Flow	Numeric	8	<input type="checkbox"/>	Number of lanes in the peak hour direction of flow, only if the value is not equals to ½ the number of lanes for undivided roads, or the number of lanes in the peak direction if the road is divided in the LRS. No data indicates that the information can be derived from the Number of Lanes Table.

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Population Group	POP_GRP	Population Group	Alphanumeric	1	<input type="checkbox"/>		Categories are defined by size of incorporated area. See RURUB, URB_POP and and the 'Details of Major Files' section of the online guidebook: https://www.hsisinfo.org/guidebooks/north_carolina.cfm
	0	UNINCORP + Rural						
	1	nder 100o Population						
	2	1000-2499						
	3	2500-4999						
	4	5000-9999						
	5	10000-24999						
	6	25000-49999						
	7	50000-99999						
	8	100000 Plus						
Roadway	Posted Routes	PSTD_RTE_C	Posted Routes	Alphanumeric	7	<input type="checkbox"/>		A system of designated secondary routes where truck traffic with axle weights exceeding 13,000 pounds is prohibited by ordinance. The value is the ordinance number; any value present indicates that the segment is part of the Posted Route system. New variable from 2012.
Roadway	Road Way Class Variable	RODWYCLS	Roadway class	Alphanumeric	2	<input type="checkbox"/>		For 2003 and later years, the number of miles available in the system is greater than earlier years. This results in higher mileages for some categories – especially in rural 2-lane and others. See the 'Details of Major Files' section of the online guidebook: https://www.hsisinfo.org/guidebooks/north_carolina.cfm
	01	Urban Freeways						
	02	Urban Freeways Less Than 4 Lanes						
	03	Urban 2-Lane Road						
	04	Urban Multilane Divided Non-Freeway						
	05	Urban Multilane Undivided Non-Freeway						
	06	Rural Freeways						
	07	Rural Freeways Less than 4 Lanes						
	08	Rural 2-Lane Roads						
	09	Rural Multilane Divided Non-Freeway						
	10	Rural Multilane Undivided Non-Freeway						
	99	Others						
Roadway	Right Of Way	ROW	Width of right of way.	Alphanumeric	2	<input type="checkbox"/>		

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired <input type="checkbox"/>	Retired Year	Source comments
Roadway	Right Shoulder Type	RSHL_TYP	Right Shoulder Type	Alphanumeric	2	<input type="checkbox"/>		Approximately 3 to 5 percent of the mileage is coded as unknown.

		Unknown						
00		Unknown						New Formats for Data from 2009 onwards
01		Grass/Sod						
02		Gravel						
03		Bituminous Material						New Formats for Data from 2009 onwards
04		Curb Bituminous (Butimouns with Curb)						New Formats for Data from 2009 onwards
05		Concrete (Portland Cement Concrete Surface)						New Formats for Data from 2009 onwards
06		Curb Concrete (Concrete Curb)						New Formats for Data from 2009 onwards
07		Tie Bar (Shoulder Contains Tie Bars						New Formats for Data from 2009 onwards
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T8		P.C.C. 10+ ft w/ Tie Bars						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired <input type="checkbox"/>	Retired Year	Source comments																		
Roadway	Right Shoulder Width	RSHLDWID	Right Shoulder Width	Numeric	8	<input type="checkbox"/>																				
<table border="1"> <tr><td>0,</td><td>Unknown</td></tr> <tr><td>1-3</td><td>1-3 ft</td></tr> <tr><td>4-6</td><td>4-6 ft</td></tr> <tr><td>7-9</td><td>7-9 ft</td></tr> <tr><td>10-13</td><td>10-13 ft</td></tr> <tr><td>14-25</td><td>14-25 ft</td></tr> <tr><td>26</td><td>No Parking</td></tr> <tr><td>27</td><td>Parallel Parking</td></tr> <tr><td>28</td><td>Angle Parking</td></tr> </table>									0,	Unknown	1-3	1-3 ft	4-6	4-6 ft	7-9	7-9 ft	10-13	10-13 ft	14-25	14-25 ft	26	No Parking	27	Parallel Parking	28	Angle Parking
0,	Unknown																									
1-3	1-3 ft																									
4-6	4-6 ft																									
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Roadway	Right Peak Park	RT_PARK	Type of parking on the right side of the road segment during the peak period.	Alphanumeric	1	<input type="checkbox"/>																				
<table border="1"> <tr><td>A</td><td>Angular Parking</td></tr> <tr><td>N</td><td>No Parking</td></tr> <tr><td>P</td><td>Parallel Parking</td></tr> </table>									A	Angular Parking	N	No Parking	P	Parallel Parking												
A	Angular Parking																									
N	No Parking																									
P	Parallel Parking																									
Roadway	Route Inventoried	RTE_NBR	Route Inventoried	Alphanumeric	8	<input type="checkbox"/>		Coincidence routes 1-6 information is also available in the data.																		
Roadway	Route Type (1st Digit Of Rte_Nbr)	RTE_TYPE	Route Type (1st Digit of RTE_NBR)	Alphanumeric	1	<input type="checkbox"/>		Coincidence routes 1-6 information is also available in the data.																		
<table border="1"> <tr><td>1</td><td>Interstate</td></tr> <tr><td>2</td><td>US Route</td></tr> <tr><td>3</td><td>NC Route</td></tr> <tr><td>4</td><td>Secondary</td></tr> </table>									1	Interstate	2	US Route	3	NC Route	4	Secondary										
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2	US Route																									
3	NC Route																									
4	Secondary																									
Roadway	Rural Urban Identification	RULURBID	Rural Urban Identification	Alphanumeric	2	<input type="checkbox"/>		New element added in 1992.																		
Roadway	Section Length In Miles	SEG_LNG	Section Length in Miles	Numeric	8	<input type="checkbox"/>																				
Roadway	Sight Distance	SIGHTDIS	Sight Distance	Alphanumeric	2	<input type="checkbox"/>																				
Roadway	Speed Limit	SPD_LIMT	Speed Limit	Alphanumeric	2	<input type="checkbox"/>																				

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired <input type="checkbox"/>	Retired Year	Source comments
Roadway	Special System	SPEC_SYS	Special System designator.	Alphanumeric	1	<input type="checkbox"/>		
	0		Road is Owned by NCDOT					
	1		State Highway Agency					
	2		County Highway Agency					
	3		Town or Township Highway Agency					
	4		City or Municipal Highway Agency					
	6		Local Park, Forest, or Reservation Agency					
	7		Other State Agency					
	8		Other Local Agency					
	9		Private (Other Than Railroad)					
	10		Railroad					
	11		State Toll Authority					
	12		Local Toll Authority					
	13		Other Public Instrumentality (e.g. Airport, School					
	14		Indian Tribe Nation					
	15		Other Federal Agency					
	16		Bureau of Indian Affairs					
	17		Bureau of Fish and Wildlife					
	18		US Forest Service					
	19		National Park Service					
	20		Tennessee Valley Authority					
	21		Bureau of Land Management					
	22		Bureau of Reclamation					
	23		Corps of Engineers					
	24		Air Force					
	25		Navy/Marine					
	26		Army					
	27		Other					
	28		Appalachian Highway Access Road					
	29		National Forest Highway System Not Common with App					
	30		Blue Ridge Parkway (Mainline)					
	31		National Park, Including Great Smokies National Pa					
	32		Cherokee Indian Reservation Roads on or off the St					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
	33		Military Reservations (Non-Strahnet)				
	34		National Wildlife Refuge				
	35		Addition to Interstate(s) Approved on or after Mar				
	36		Addition to Interstate 23 USC 139 B				
	37		Addition to Interstate 23 USC 139 (A) Approved bef				
	38		Appalachian Development Highway, Common with and A				
	39		App. Development Highway Not Common with the NFH S				
	40		App. Development Highway Not Common with the NFH S				
	41		Section 332 Interstate Systems that Meet Interstat				
	42		Designated Future Section 332 Interstate Systems				
	43		Not Known, State Park, State Forest, State Recreat				
	50		Appalachian Highway			Pre-2009 data only	
	51		National Forest Highway			Pre-2009 data only	
	52		National Forest Development Roads			Pre-2009 data only	
	53		Blue Ridge Service Road			Pre-2009 data only	
	54		Priority Primary Highways			Pre-2009 data only	
	55		Additional to Interstate System 139 (A)			Pre-2009 data only	
	56		Appalachian Development Highway			Pre-2009 data only	
Roadway	Location Of Bridges, Tunnel And Causeways	STRCTR_CD	Location of Bridges, Tunnels and Causeways	Numeric	8	<input type="checkbox"/>	New element added in 2010.
Roadway	Street Name	STREET_NAM	Street Name	Numeric	20	<input type="checkbox"/>	

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Surface Type	SURF_TYP	Surface Type	Alphanumeric	2	<input type="checkbox"/>		
	00		Primitive (Not Use don State System)					
	10		Unimproved					
	20		Graded and Drained					
	30		Soil Surfaced					
	41		Gravel or Stone					
	51		Bituminous Surf Treatment on Topsoil					
	52		Bituminous Surf Treatment on Gravel or Stone					
	60		Mixed Bituminous, Non-Rigid Base					
	61		Mixed Bituminous, Rigid Base					
	62		Bituminous Penetration, Rigid Base					
	63		Bituminous Penetration, Non-Rigid Base					
	65		Sand Asphalt on Types Other Than 66, 67					
	66		Sand Asphalt on Bituminous Concrete					
	67		Bituminous Concrete					
	70-76		Portland Cement Concrete					
	80		Brick					
	90		Block					
	99		Hard Surface					
Roadway	Surface Width Total	SURF_WID	Surface Width – Total	Numeric	8	<input type="checkbox"/>		
Roadway	Terrain	TERRAIN	Terrain	Alphanumeric	1	<input type="checkbox"/>		
	1		Flat					
	2		Rolling					
	3		Mountainous					
Roadway	Toll Charged	TOLL_DIRECTION	The travel direction, if any, that a toll is charged	Alphanumeric	7	<input type="checkbox"/>		
	1		One direction					
	2		Both directions					
	3		No charge					
Roadway	Town	TOWN	Town	Alphanumeric	2	<input type="checkbox"/>		

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																
Roadway	Designated Truck Route	TRK_RTE	Designated Truck Route	Alphanumeric	1	<input type="checkbox"/>																		
<table border="1"> <tr><td>1</td><td>Not a Truck Route</td></tr> <tr><td>2</td><td>Parkway – No Truck Allowed</td></tr> <tr><td>3</td><td>Trucks Prohibited</td></tr> <tr><td>4</td><td>Trucks Limited</td></tr> <tr><td>5</td><td>Truck Route</td></tr> </table>									1	Not a Truck Route	2	Parkway – No Truck Allowed	3	Trucks Prohibited	4	Trucks Limited	5	Truck Route						
1	Not a Truck Route																							
2	Parkway – No Truck Allowed																							
3	Trucks Prohibited																							
4	Trucks Limited																							
5	Truck Route																							
Roadway	Rur/Urb Designated By Pop	URB_POP	Rural/Urban Designated by Population	Alphanumeric	1	<input type="checkbox"/>		Categories are defined by a combination of the census-related “urbanized area” definition and population groups. See POP_GRP and the 'Details of Major Files' section of the online guidebook: https://www.hsisinfo.org/guidebooks/north_carolina.cfm																
<table border="1"> <tr><td>0</td><td>Unincorporated</td></tr> <tr><td>1</td><td>Rural Incorporated < 2500</td></tr> <tr><td>2</td><td>Rural Incorporated < 5000</td></tr> <tr><td>3</td><td>Urban < 25000</td></tr> <tr><td>4</td><td>Urban < 50000</td></tr> <tr><td>5</td><td>City < 100000</td></tr> <tr><td>6</td><td>City < 200000</td></tr> <tr><td>7</td><td>City < 500000</td></tr> </table>									0	Unincorporated	1	Rural Incorporated < 2500	2	Rural Incorporated < 5000	3	Urban < 25000	4	Urban < 50000	5	City < 100000	6	City < 200000	7	City < 500000
0	Unincorporated																							
1	Rural Incorporated < 2500																							
2	Rural Incorporated < 5000																							
3	Urban < 25000																							
4	Urban < 50000																							
5	City < 100000																							
6	City < 200000																							
7	City < 500000																							
Roadway	Weighted Design Speed	WTDSGSPD	Weighted Design Speed	Alphanumeric	2	<input type="checkbox"/>		Calculated value based on degree and lengths of curves of tangents in the HPMS sample section.																
Roadway	Year Of Recent Improvement	YR_IMPR1	Year of Recent Improvement	Alphanumeric	2	<input type="checkbox"/>																		
Roadway	Year Added	YRADD	Year Added	Alphanumeric	2	<input type="checkbox"/>																		
Vehicle	Alcohol Flag	ALCFLAG	Alcohol Flag	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.																
<table border="1"> <tr><td>N</td><td>No Drink or Drug</td></tr> <tr><td>Y</td><td>Intoxication Code 2 or 3</td></tr> </table>									N	No Drink or Drug	Y	Intoxication Code 2 or 3												
N	No Drink or Drug																							
Y	Intoxication Code 2 or 3																							

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Amount Of Damage To Veh	AMTDAMG	Amount of damage to vehicle.	Numeric	8	<input type="checkbox"/>		

0	Damage
1-49	Less Than \$50
50-99	\$50-99
100-149	\$100-149
150-199	\$150-199
200-249	\$200-249
250-299	\$250-299
300-349	\$300-349
350-399	\$350-399
400-449	\$400-449
450-499	\$450-499
500-599	\$500-599
600-699	\$600-699
700-799	\$700-799
800-899	\$800-899
900-999	\$900-999
1000-1499	\$1000-1499
1500-1999	\$1500-1999
2000-2499	\$2000-2499
2500-2999	\$2500-2999
3000-3999	\$3000-3999
4000-4999	\$4000-4999
5000-9999	\$5000-9999
10000-High	\$10,000 or More

Vehicle	Commercial Carrier Axles	AXLE_NBR	Commercial carrier total number of axles.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
Vehicle	Number Of Axles For Trl#1	AXLES	Number of Axles for TRL#1	Numeric	8	<input type="checkbox"/>		
Vehicle	Number Of Axles For Trl#2	AXLES2	Number of Axles for TRL#2	Numeric	8	<input type="checkbox"/>		

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																																																																																																																					
Vehicle	Bicycle Flag	BIKEFLAG	Whether or not the crash involved a bicycle.	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.																																																																																																																					
<table border="1"> <tr> <td>N</td> <td colspan="8">Not Bicycle Accident</td> </tr> <tr> <td>Y</td> <td colspan="8">Bicycle Accident</td> </tr> </table>									N	Not Bicycle Accident								Y	Bicycle Accident																																																																																																										
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Vehicle	Cargo Body Type	BODY	Cargo Body Type	Numeric	8	<input type="checkbox"/>		New element added in 1999. We are unsure about the quality of this element for 1999. From 2000 onwards, the variable appears consistent.																																																																																																																					
<table border="1"> <tr> <td>01</td> <td colspan="8">Bus (Seats for 16 or More, Including Driver)</td> </tr> <tr> <td>02</td> <td colspan="8">Bus (Seats for Less Than 16, Including Driver)</td> </tr> <tr> <td>03</td> <td colspan="8">Van/Enclosed Box</td> </tr> <tr> <td>04</td> <td colspan="8">Grain/Chips/Gravel Truck</td> </tr> <tr> <td>05</td> <td colspan="8">Pole Truck</td> </tr> <tr> <td>06</td> <td colspan="8">Cargo Tank</td> </tr> <tr> <td>07</td> <td colspan="8">Flatbed</td> </tr> <tr> <td>08</td> <td colspan="8">Dump</td> </tr> <tr> <td>09</td> <td colspan="8">Concrete Mixer</td> </tr> <tr> <td>10</td> <td colspan="8">Auto Transporter</td> </tr> <tr> <td>11</td> <td colspan="8">Garbage/Refuse</td> </tr> <tr> <td>12</td> <td colspan="8">Log truck</td> </tr> <tr> <td>13</td> <td colspan="8">Other</td> </tr> </table>									01	Bus (Seats for 16 or More, Including Driver)								02	Bus (Seats for Less Than 16, Including Driver)								03	Van/Enclosed Box								04	Grain/Chips/Gravel Truck								05	Pole Truck								06	Cargo Tank								07	Flatbed								08	Dump								09	Concrete Mixer								10	Auto Transporter								11	Garbage/Refuse								12	Log truck								13	Other							
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03	Van/Enclosed Box																																																																																																																												
04	Grain/Chips/Gravel Truck																																																																																																																												
05	Pole Truck																																																																																																																												
06	Cargo Tank																																																																																																																												
07	Flatbed																																																																																																																												
08	Dump																																																																																																																												
09	Concrete Mixer																																																																																																																												
10	Auto Transporter																																																																																																																												
11	Garbage/Refuse																																																																																																																												
12	Log truck																																																																																																																												
13	Other																																																																																																																												
Vehicle	NC Accident Number With Yr	CASENO	NC accident number with year for the crash.	Numeric	8	<input type="checkbox"/>		Format YYNNNNNNN, Where YY = Year, and NNNNNN = CASENUM. Element type is CHAR for 1990 to 1999.																																																																																																																					
Vehicle	Commercial Carrier City	CC_CITY	Commercial Carrier City	Alphanumeric	22	<input type="checkbox"/>		New element added in 2000.																																																																																																																					
Vehicle	Commercial Carrier State	CC_STATE	Commercial Carrier State	Alphanumeric	2	<input type="checkbox"/>		New element added in 2000.																																																																																																																					
Vehicle	Commercial Carrier Zip Code	CC_ZIP	Commercial Carrier Zip Code	Alphanumeric	9	<input type="checkbox"/>		New element added in 2000.																																																																																																																					
Vehicle	Comm Carr Business City	CCB_CITY	Commercial Carrier Business City	Alphanumeric	2	<input type="checkbox"/>		New element added in 2000.																																																																																																																					
Vehicle	Comm Carr Business State	CCB_STAT	Commercial Carrier Business State	Numeric	8	<input type="checkbox"/>		New element added in 2000.																																																																																																																					
Vehicle	CDL Indicator	CDL_IND	CDL Indicator	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.																																																																																																																					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
Vehicle	Viol/Contrib Factor #1	CONTRIB1	Violating/Contributing Factor	Numeric	8	<input type="checkbox"/>	
00			No Contributing Factors				
01			Disregarded Yield Sign				Coded for 2000 and later years.
02			Disregarded Stop Sign				
03			Disregarded Other Traffic Signs				Coded for 2000 and later years.
04			Disregarded Traffic Signals				
05			Disregarded Road Signals				Coded for 2000 and later years.
06			Exceeded Authorized Speed Limit				
07			Exceeded Safe Speed for Conditions				
08			Failure to Reduce Speed				Coded for 2000 and later years.
09			Improper Turn				
10			Right Turn on Red				
11			Crossed Center Line/Going Wrong Way				
12			Improper Lane Change				
13			Use of Improper Lane				
14			Overcorrected/Oversteered				Coded for 2000 and later years.
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				Coded for 2000 and later years.
21			Improper Backing				
22			Improper Parking				
23			Driver Distracted				Coded for 2000 and later years.
24			Improper or No Signal				
25			Followed Too Closely				
26			Operated Vehicle in Erratic, Reckless, Careless, N				
27			Swerved or Avoided Due to Wind, Slippery Surface,				Coded for 2000 and later years.
28			Visibility Obstructed				Coded for 2000 and later years.
29			Operated Defective Equipment				
30			Alcohol Use				
31			Drug Use				

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
	32	Other					
	33	Unable to Determine					
	34	Unknown					Coded for 2000 and later years.
	35	Not Stated (Pre 2000)					Coded for 1999 and later years.
	36	Minimum Speed Law (Pre 2000)					Coded for 1999 and later years.
	37	Safe Movement Violation (Pre 2000)					Coded for 1999 and later years.
Vehicle	Viol/Contribut Factor #2	CONTRIB2	Violating/Contributing Factor	Numeric	8	<input type="checkbox"/>	
Vehicle	Viol/Contribut Factor #3	CONTRIB3	Violating/Contributing Factor	Numeric	8	<input type="checkbox"/>	
Vehicle	TAD#1 Severity	DAMSEV	Severity of damage to the vehicle (based on the TAD level).	Alphanumeric	1	<input type="checkbox"/>	
	0	Not Stated					
	1	Least Severe Damage #1					
	2	Least Severe Damage #2					
	3	Least Severe Damage #3					
	4	Least Severe Damage #4					
	5	Severe Damage #5					
	6	More Severe Damage #6					
	7	More Severe Damage #7					
	8	Invalid					
Vehicle	TAD#2 Severity	DAMSEV2	Severity of damage to the vehicle (based on the TAD level).	Alphanumeric	1	<input type="checkbox"/>	
Vehicle	TAD#3 Severity	DAMSEV3	Severity of damage to the vehicle (based on the TAD level).	Alphanumeric	1	<input type="checkbox"/>	

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																
Vehicle	Direct Of Travel On	DIR_TRVL	Direction of travel of the vehicle when the crash occurred.	Alphanumeric	2	<input type="checkbox"/>		Categories coded 1-4 for 1999 and earlier years. For earlier years of data, 1-4 indicated, North, East, South, and West respectively.																
<table border="1"> <tr><td>E, 2</td><td>East</td></tr> <tr><td>N, 1</td><td>North</td></tr> <tr><td>NE</td><td>Northeast</td></tr> <tr><td>NW</td><td>Northwest</td></tr> <tr><td>S, 3</td><td>South</td></tr> <tr><td>SE</td><td>Southeast</td></tr> <tr><td>SW</td><td>Southwest</td></tr> <tr><td>W, 4</td><td>West</td></tr> </table>									E, 2	East	N, 1	North	NE	Northeast	NW	Northwest	S, 3	South	SE	Southeast	SW	Southwest	W, 4	West
E, 2	East																							
N, 1	North																							
NE	Northeast																							
NW	Northwest																							
S, 3	South																							
SE	Southeast																							
SW	Southwest																							
W, 4	West																							
Vehicle	Driver Alc/Drug Test Result	DRG_RES	Driver Alcohol/Drug Test Result	Alphanumeric	8	<input type="checkbox"/>		New element added in 2000.																
<table border="1"> <tr><td>0</td><td>Not Stated</td></tr> <tr><td>1</td><td>No Alcohol or Other Drugs</td></tr> <tr><td>2</td><td>Alcohol (Present BAC)</td></tr> <tr><td>3</td><td>Other Drugs Reported</td></tr> <tr><td>4</td><td>Contaminated Sample/Unusable</td></tr> <tr><td>5</td><td>Pending</td></tr> <tr><td>6</td><td>Unknown</td></tr> </table>									0	Not Stated	1	No Alcohol or Other Drugs	2	Alcohol (Present BAC)	3	Other Drugs Reported	4	Contaminated Sample/Unusable	5	Pending	6	Unknown		
0	Not Stated																							
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4	Contaminated Sample/Unusable																							
5	Pending																							
6	Unknown																							
Vehicle	Driver Alc/Drug Suspected	DRG_SUSP	Driver Alcohol/Drug Suspected	Alphanumeric	8	<input type="checkbox"/>		New element added in 2000.																

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																																						
Vehicle	Driver/Pedest Age	DRV_AGE	Age of the driver or pedestrian involved in the crash.	Alphanumeric	3	<input type="checkbox"/>																																								
<table border="1"> <tbody> <tr><td>00-01</td><td>Infant – 1 yr</td></tr> <tr><td>02-04</td><td>02-04 yrs</td></tr> <tr><td>05-10</td><td>05-10 yrs</td></tr> <tr><td>11-14</td><td>11-14 yrs</td></tr> <tr><td>15 - 15</td><td>15 yrs</td></tr> <tr><td>16 - 16</td><td>16 yrs</td></tr> <tr><td>17 - 17</td><td>17 yrs</td></tr> <tr><td>18 - 18</td><td>18 yrs</td></tr> <tr><td>19 - 19</td><td>19 yrs</td></tr> <tr><td>20 - 20</td><td>20 yrs</td></tr> <tr><td>21-25</td><td>21-25 yrs</td></tr> <tr><td>26-30</td><td>26-30 yrs</td></tr> <tr><td>31-35</td><td>31-35 yrs</td></tr> <tr><td>36-45</td><td>36-45 yrs</td></tr> <tr><td>46-55</td><td>46-55 yrs</td></tr> <tr><td>56-65</td><td>56-65 yrs</td></tr> <tr><td>66-75</td><td>66-75 yrs</td></tr> <tr><td>76-85</td><td>76-85 yrs</td></tr> <tr><td>86-97</td><td>86+ yrs</td></tr> </tbody> </table>									00-01	Infant – 1 yr	02-04	02-04 yrs	05-10	05-10 yrs	11-14	11-14 yrs	15 - 15	15 yrs	16 - 16	16 yrs	17 - 17	17 yrs	18 - 18	18 yrs	19 - 19	19 yrs	20 - 20	20 yrs	21-25	21-25 yrs	26-30	26-30 yrs	31-35	31-35 yrs	36-45	36-45 yrs	46-55	46-55 yrs	56-65	56-65 yrs	66-75	66-75 yrs	76-85	76-85 yrs	86-97	86+ yrs
00-01	Infant – 1 yr																																													
02-04	02-04 yrs																																													
05-10	05-10 yrs																																													
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31-35	31-35 yrs																																													
36-45	36-45 yrs																																													
46-55	46-55 yrs																																													
56-65	56-65 yrs																																													
66-75	66-75 yrs																																													
76-85	76-85 yrs																																													
86-97	86+ yrs																																													
Vehicle	Driver Blood Alcohol In %	DRV_BAC	Driver Blood Alcohol Percentage	Numeric	8	<input type="checkbox"/>		New element added in 2000.																																						
Vehicle	Driver City	DRV_CITY	City where the driver involved in the crash is from.	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.																																						
Vehicle	Driver Date Of Birth	DRV_DOB	Date of birth of the driver involved in the crash.	Numeric	8	<input type="checkbox"/>																																								

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Driver/Pedestrian Injury	DRV_INJ	Driver/Pedestrian Injury	Alphanumeric	1	<input type="checkbox"/>		

	Blank
0	Not Stated
1	Killed
2	A Type Injury
3	B Type Injury
4	C Type Injury
5	PDO NO Injury
6	Not Occupied
7	Unknown

Vehicle	Driver/Pedestrian Race	DRV_RACE	Race of the driver/pedestrian involved in the crash.	Alphanumeric	1	<input type="checkbox"/>		
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	Blank	
0	Not Stated	
1	White	
2	Black	
3	Indian	
4	Other	
5	Not Occupied	
6	Hispanic	Category coded from 2000 onwards.
7	Non-White	

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Driver Restraint Usage	DRV_REST	Type of safety restraint used by the driver.	Alphanumeric	2	<input type="checkbox"/>		The data included under this variable is inaccurate, in that regularly conducted field observations of use indicate figures which are at least 10 to 15 percent lower than the values found in the accident file.

	Blank							
00	Not Stated							
01	None							
02	Lap Belt							
03	Lap and Shoulder Belt							
04	Child Restraint							
05	Unknown							
06	Not Occupied							
07	Xhelmet							
08	Shoulder Belt Only							Category coded from 2000 onwards.
09	Reflective Clothing							Category coded from 2000 onwards.
10	Lighting							Category coded from 2000 onwards.
11	Other							Category coded from 2000 onwards.
12	Unable to Determine							Category coded from 2000 onwards.

Category	Field	Field-Literal	Description	Format	Length	Retired
Vehicle	Driver/Pedest Seat Pos	DRV_SEAT	Driver/Pedestrian Seat Position	Alphanumeric	1	<input type="checkbox"/>

1	Driver							
2	Center Front							
3	Right Front							
4	Left Rear							
5	Center Rear							
6	Right Rear							
5	Not Occupied							

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Driver/Pedest Sex	DRV_SEX	Sex of the driver or pedestrian involved in the crash.	Alphanumeric	1	<input type="checkbox"/>		

	Blank
0	Not Stated
1	Male
2	Female
3	Not Occupied
4	Unknown

Vehicle	Driver Zip Code	DRV_ZIP	Zip code of the driver who was involved in the crash.	Alphanumeric	9	<input type="checkbox"/>		New element added in 2000.
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Vehicle	Emergency Vehicle Use	EMERGUSE	Emergency Vehicle Use	Numeric	8	<input type="checkbox"/>		New element added in 2000.
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1	Firetruck
2	Ambulance
3	Military
4	Police
5	Other

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Sequence Of Events 1	EVENT1	Description of each event in the crash sequence for this vehicle.	Numeric	8	<input type="checkbox"/>		New element added in 2000.

00	Unknown
01	Ran off Road Right
02	Ran Off Road Left
03	Ran Off Road Straight Ahead
04	Jackknife
05	Overturn/Rollover
06	Crossed Centerline/Median
07	Downhill Runaway
08	Cargo/Equipment Loss or Shift
09	Fire/Explosion
10	Immersion
11	Equipment Failure
12	Separation of Units
13	Other Non-Collision
14	Pedestrian
15	Pedalcyclist
16	RR Train, Engine
17	Animal
18	Movable Object
20	Parked Motor Vehicle
21	Rear End, Slow or Stop
22	Rear End, Turn
23	Left Turn, Same Roadways
24	Left Turn, Different Roadways
25	Right Turn, Same Roadways
26	Right Turn, Different Roadways
27	Head On
28	Sideswipe, Same Direction
29	Sideswipe, Opposite Direction
30	Angle
31	Backing Up

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Retired Year	Source comments
	32		Other Collision with Vehicle					
	33		Tree					
	34		Military Route					
	35		Luminaire Pole Non-Breakaway					
	36		Luminaire Pole Breakaway					
	37		Official Highway Sign Non-Breakaway					
	38		Official Highway Sign Breakaway					
	39		Overhead Sign Support					
	40		Commercial Sign					
	41		Guardrail End on Shoulder					
	42		Guardrail Face on Shoulder					
	43		Guardrail End on Median					
	44		Guardrail Face on Median					
	45		Shoulder Barrier End					
	46		Shoulder Barrier Face					
	47		Median Barrier End					
	48		Median Barrier Face					
	49		Bridge Rail End					
	50		Bridge Rail Face					
	51		Overhead Part Underpass					
	52		Pier on Shoulder of Underpass					
	53		Pier in Median of Underpass					
	54		Abutment of Underpass					
	55		Traffic Island Curb or Median					
	56		Catch Basin or Culvert on Shoulder					
	57		Catch Basin or Culvert on Median					
	58		Ditch					
	59		Embankment					
	60		Mailbox					
	61		Fence or Fence Post					
	62		Construction Barrier					
	63		Crash Cushion					
	64		Other Fixed Object					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Sequence Of Events 2	EVENT2	Description of each event in the crash sequence for this vehicle.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
Vehicle	Sequence Of Events 3	EVENT3	Description of each event in the crash sequence for this vehicle.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
Vehicle	Sequence Of Events 4	EVENT4	Description of each event in the crash sequence for this vehicle.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
Vehicle	License Expiration Date	EXPR_DT	Expiration date of license of the driver involved in the crash.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
Vehicle	Postcrash Fire	FIRE	Whether or not the crash resulted in a fire.	Numeric	8	<input type="checkbox"/>		From 2000 onwards almost 100% observations are coded as missing.
		1	Yes					
		2	Unknown					
		3	Not Stated					
Vehicle	Gov Owned Veh Indicator	GOV_OWN	Government Owned Vehicle Indicator	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.
			Uncoded					
		Y	Yes					
		N	No					
Vehicle	Comm Carr Gross Veh Weight	GVWR_WGT	Commercial Carrier Gross Vehicle Weight	Numeric	8	<input type="checkbox"/>		New element added in 2000.
Vehicle	1 Digit Hazmat Num Placard	HAZ_NUM1	1 Digit Hazmat Number Bottom Placard	Numeric	8	<input type="checkbox"/>		New element added in 2000.
Vehicle	4 Digit Hazmat Num Placard	HAZ_NUM4	4 Digit Hazmat Number Bottom Placard	Alphanumeric	4	<input type="checkbox"/>		New element added in 2000.
Vehicle	Hazmat Placard Indicator	HAZ_PLAC	Hazmat Placard Indicator	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.
		1	Present					
			Not present					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Hazardous Cargo	HAZMAT	Whether or not the vehicle was carrying hazardous material when the crash occurred.	Alphanumeric	1	<input type="checkbox"/>		From 2000 onwards, almost all observations coded as missing.

	Blank
0	Unknown
1	Hazardous Material
2	No Hazardous Material

Vehicle	Dist Travel After Impact	IMPACTFT	Description	Format	Length	Retired
			Distance traveled by the vehicle after the impact occurred.	Numeric	8	<input type="checkbox"/>

000	0 Feet
01-05	01-05 ft
06-10	06-10 ft
11-15	11-15 ft
16-20	16-20 ft
21-40	21-40 ft
41-60	41-60 ft
61-80	61-80 ft
81-100	81-100 ft
101-120	101-120 ft
121-140	121-140 ft
141-160	141-160 ft
161-180	161-180 ft
181-200	181-200 ft
201-510	Over 200 ft
511	Distance N.S.

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Impact Speed	IMPACTSP	Estimated speed of the vehicle when impact occurred.	Numeric	8	<input type="checkbox"/>		

00	Not Moving
01-05	01-05 MPH
06-10	06-10 MPH
11-15	11-15 MPH
16-20	16-20 MPH
21-25	21-25 MPH
26-30	26-30 MPH
31-35	31-35 MPG
36-40	36-40 MPH
41-45	41-45 MPH
46-50	46-50 MPH
51-55	51-55 MPH
56-60	56-60 MPH
61-65	61-65 MPH
66-70	66-70 MPH
71-75	71-75 MPH
76-80	76-80 MPH
81-85	81-85 MPH
86-HIGH	Over 85 MPH

Vehicle	Insurance Indicator	INSURED	Whether or not this vehicle was insured.	Alphanumeric	1	<input type="checkbox"/>	New element added in 2000.
	0 or blank	Unknown					
	1	Yes					
	2	No					

Vehicle	Length Of Trailer #1, In Ft	LENGTRL	Length of Trailer #1 in Feet	Numeric	8	<input type="checkbox"/>
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Vehicle	Length Of Trailer #2, In Ft	LENGTRL2	Length of Trailer #2 in Feet	Numeric	8	<input type="checkbox"/>
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Vehicle	Driver License Indicator	LIC_IND	Whether or not the driver had a driver's license.	Alphanumeric	1	<input type="checkbox"/>	New element added in 2000.
	N	No					
	Y	Yes					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	License State	LIC_STAT	State of the license of the driver involved in the crash.	Alphanumeric	2	<input type="checkbox"/>		New element added in 2000.
Vehicle	Type Of Drivers License	LICTYPE	Type of driver license held by the driver of the vehicle involved in the crash.	Alphanumeric	1	<input type="checkbox"/>		From 2000 onwards all observations are coded as missing. For 1995 and 1996, all observations coded as 0.

0	Hit and Run
1	Class A – NC Operator’s License
2	Class B – NC Chauffer’s License
3	Class C – NC Chauffer and Operator’s License
4	NC Control Number
5	New Control Number
8	Learner’s Permit
9	Limited Permit
A	Any combination of vehicle with a gross vehicle we
B	Any single vehicle with a GVWR of 26,0001 pounds n
C	Any vehicle not described in Class A or B above
H	Authorizes you to drive a vehicle transporting haz
T	Authorizes you to drive double trailers
P	Authorizes you to drive passenger vehicles
L	Restricts you to driving vehicles not equipped wit
S	Restricts you to operating school buses only
N	Authorizes you to drive tank vehicles
X	Is a combination of the hazmat and tank vehicle en
M	Authorizes you to drive a motorcycle

Vehicle	Vehicle Make Name	MAKENAME	Vehicle Make Name	Alphanumeric	20	<input type="checkbox"/>	Vehicle Maneuver/Pedestrian Action
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Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
Vehicle	Veh Maneuver/Ped est Action	MANEUVER	Vehicle Maneuver/Pedestrian Action	Numeric	8	<input type="checkbox"/>	

01	Stopped in Travel Lane
02	Parked Out of Travel Lanes
03	Parked in Travel Lanes
04	Going Straight Ahead
05	Changing Lanes or Merging
06	Passing
07	Making Right Turn
08	Making Left Turn
09	Making U Turn
10	Backing
11	Slowing or Stopping
12	Starting in Roadway
13	Parking
14	Leaving Parked Position
15	Avoiding Object in Road
16	Other
17	Not Stated (Pre 2000)

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Most Harmful Event	MOSTHARM	Most Harmful Event in the crash sequence.	Numeric	8	<input type="checkbox"/>		1. Categories 33-63 are present for 2000 onwards. For earlier years all these information was captured in a single category 68 (hit fixed object). 2. Similarly categories 18, 28, 29 and 32 are present for 2000 onwards. For earlier years they were coded either as Sideswipe (category 96) or other road (category 65). 3. Categories 4.6.7.8.9.11.12 and 13 are coded from 2000 onwards. 4. Categories 65, 66, 68 and 69 coded for years prior to 2000.

00	Unknown
01	Ran off Road Right
02	Ran Off Road Left
03	Ran Off Road Straight Ahead
04	Jackknife
05	Overturn/Rollover
06	Crossed Centerline/Median
07	Downhill Runaway
08	Cargo/Equipment Loss or Shift
09	Fire/Explosion
10	Immersion
11	Equipment Failure
12	Separation of Units
13	Other Non-Collision
14	Pedestrian
15	Pedalcyclist
16	RR Train, Engine
17	Animal
18	Movable Object
20	Parked Motor Vehicle
21	Rear End, Slow or Stop
22	Rear End, Turn
23	Left Turn, Same Roadways
24	Left Turn, Different Roadways
25	Right Turn, Same Roadways
26	Right Turn, Different Roadways
27	Head On

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
	28		Sideswipe, Same Direction					
	29		Sideswipe, Opposite Direction					
	30		Angle					
	31		Backing Up					
	32		Other Collision with Vehicle					
	33		Tree					
	34		Utility Pole					
	35		Luminaire Pole Non-Breakaway					
	36		Luminaire Pole Breakaway					
	37		Official Highway Sign Non-Breakaway					
	38		Official Highway Sign Breakaway					
	39		Overhead Sign Support					
	40		Commercial Sign					
	41		Guardrail End on Shoulder					
	42		Guardrail Face on Shoulder					
	43		Guardrail End on Median					
	44		Guardrail Face on Median					
	45		Shoulder Barrier End					
	46		Shoulder Barrier Face					
	47		Median Barrier End					
	48		Median Barrier Face					
	49		Bridge Rail End					
	50		Bridge Rail Face					
	51		Overhead Part Underpass					
	52		Pier on Shoulder of Underpass					
	53		Pier in Median of Underpass					
	54		Abutment of Underpass					
	55		Traffic Island Curb or Median					
	56		Catch Basin or Culvert on Shoulder					
	57		Catch Basin or Culvert on Median					
	58		Ditch					
	59		Embankment					
	60		Mailbox					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
	61	Fence or Fence Post						
	62	Construction Barrier						
	63	Crash Cushion						
	64	Other Fixed Object						
	65	Type Not Stated (Pre 2000)						
	66	Other in Road (Pre 2000)						
	67	Hit Moped (Pre 2000)						
	68	Hit Fixed Object (Pre 2000)						
	69	Sideswipe (Pre 2000)						
Vehicle	Total A Injuries In Veh	NUM_A	A Injuries in Vehicle	Alphanumeric	2	<input type="checkbox"/>		
Vehicle	Total B Injuries In Veh	NUM_B	B Injuries in Vehicle	Alphanumeric	2	<input type="checkbox"/>		
Vehicle	Total C Injuries In Veh	NUM_C	C Injuries in Vehicle	Alphanumeric	2	<input type="checkbox"/>		
Vehicle	Total Killed In Vehicle	NUM_K	Total number killed in this vehicle.	Alphanumeric	2	<input type="checkbox"/>		
Vehicle	On Road Class	ONRD_CL	On Road Class	Alphanumeric	4	<input type="checkbox"/>		New element added in 2000.
	CL	County Line						
	I	Interstate						
	LCL	Local City Street						
	MILE	Mile Marker						
	ML	Municipal Limit						
	NC	NC Route						
	PP	Private Property						
	PVA	Public Vehicular Area						
	RP	Rural Paved						
	RU	Rural Unpaved						
	SL	State Line						
	SR	State Route						
	UNK	Unknown						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
Vehicle	Owner Category	OWNERTYP	Owner Category	Alphanumeric	3	<input type="checkbox"/>	Element format changed from 2000 onwards.
	0		Privately Owned Vehicle (Pre 2000)				
	1		Military Vehicle (Pre 2000)				
	2		Emergency Vehicle (Pre 2000)				
	3		State Owned Vehicle (Pre 2000)				
	4		Public Owned Vehicle (Pre 2000)				
	5		Privately Owned School Bus (Pre 2000)				
	6		Commercial Owned School Bus (Pre 2000)				
	7		State Owned School Bus (Pre 2000)				
Vehicle	Indicator Of Parked Veh	PARK_VEH	Indicator of Parked Vehicle	Alphanumeric	1	<input type="checkbox"/>	New element added in 2000.
			Traveling				
	1		Parked				
Vehicle	Non-Motorist Location	PED_LOC	Location of the non-motorist prior to the crash.	Numeric	8	<input type="checkbox"/>	New element added in 2000.
	01		Marked Crosswalk at Intersection				
	02		At Intersection but No Crosswalk				
	03		Non-Intersection Crosswalk				
	04		Driveway Access Crosswalk				
	05		In Roadway				
	06		Not In Roadway				
	07		Median				
	08		Island				
	09		Shoulder				
	10		Sidewalk				
	11		Within 10 ft of Roadway				
	12		Beyond 10 ft of Roadway				
	13		Outside Trafficway				
	14		Shared Use Path or Trails				

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Non-Motorist Action	PEDACT	Non-Motorist Action	Numeric	8	<input type="checkbox"/>		Categories 1-9 coded for years prior to 2000. For later years, categories 10-18 coded. The categories defined appear to be different and it seems there has been a change in what information is collected by this variable from years prior to 2000 and later years.

00	Unknown
01	Entering or Crossing Specified Location
02	Walking, Riding, Running/Jogging with Traffic
03	Walking, Riding, Running/Jogging against Traffic
04	Working
05	Pushing Vehicle
06	Approaching or Leaving Vehicle
07	Playing
08	Standing
09	Other
10	Pedestrian Crossing at Intersection
11	Pedestrian Crossing not at Intersection
12	Pedestrian From Behind Parked Vehicle
13	Pedestrian Walking with Traffic
14	Pedestrian Walking Against Traffic
15	Getting On or Off Vehicle
16	Lying in Road
17	Not in Road
18	Getting On or Off School Bus

Vehicle	Contrib Circum Non-Mot 1	PEDCONT1	Contributing Circumstances, Non-Motorist	Numeric	8	<input type="checkbox"/>		New element added in 2000.
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Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Contrib Circum Non-Mot 2	PEDCONT2	Contributing Circumstances, Non-Motorist	Numeric	8	<input type="checkbox"/>		New element added in 2000.

00	None
01	Coming From Behind Parked Vehicle
02	Darting
03	Lying and/or Illegally in Roadway
04	Failure to Yield Right of Way
05	Not Visible (Dark Clothing, Etc.)
06	Inattentive (Talking, Eating, Etc.)
07	Failure to Obey Traffic Signs, Signals
08	Wrong Side of Road
09	Other
10	Unknown

Vehicle	Pedestrian In Accident	PEDFLAG	Whether or not a pedestrian was involved in this accident.	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.
	N		Not Pedestrian Accident					
	Y		Pedestrian Accident					

Vehicle	Physical Cond Of Driver	PHYSCOND	Physical condition of the driver when the crash occurred.	Numeric	8	<input type="checkbox"/>		
	01		Apparently Normal					
	02		Illness					
	03		Fatigue					
	04		Fell Asleep, Fainted, Loss of Consciousness					
	05		Impairment Due to Medications, Drugs, Alcohol					
	06		Medical Condition					
	07		Other Physical Impairment					
	08		Restriction Not Complied With					
	09		Other					
	10		Unknown					
	11		Not Stated (Pre 2000)					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Point Of Contact #1	PTCONT1	Description of each point of contact for this vehicle.	Alphanumeric	2	<input type="checkbox"/>		
		Blank						
00		Not Stated						
01		RF VEH, CAB						
02		CF VEH, CAB						
03		LF VEH, CAB						
04		LF CRNR VEH, CAB						
05		LSF VEH, CAB						
06		LS CNTR VEH						
07		LSB VEH, CAB						
08		LR CRNR VEH, CB						
09		TRUNK VEH						
10		R Windshield VEH						
11		TOP VEH, CAB						
12		F W_SHLD VEH, CAB						
13		HOOD VEH, CAB						
14		LR VEH, CAB/F TRL						
15		CR VEH, CAB/F TRL						
16		RR VEH, CAB/F TRL						
17		RR CRNR VEH, CAB						
18		RSB VEH						
19		RS CNTR VEH, CAB						
20		RSF VEH, CAB						
21		RF CRNR VEH, CAB						
22		Underneath Front						
23		Underneath Center						
24		Underneath Rear						
25		Rollover						
26		Unknown						
27		Front, 2-WHL VEH						
28		Left, 2-WHL VEH						
29		Rear, 2-WHL VEH						
30		Right, 2-WHL VEH						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
	31	LSF TRLR					
	32	LSB TRLR					
	33	LR CRNR TRL					
	34	LR TRL					
	35	CR TRLR					
	36	RR TRLR					
	37	RR CRNR TRL					
	38	RS BACK TRLR					
	39	RF FRNT TRLR					
	40	TOP TRL					
	41	FRONT END-DISTR					
	42	LEFT SIDE-DISTR					
	43	REAR END-DISTR					
	44	RIGHT SIDE DISTR					
Vehicle	Point Of Contact #2	PTCONT2	Description of each point of contact for this vehicle.	Alphanumeric	2	<input type="checkbox"/>	
Vehicle	Point Of Contact #3	PTCONT3	Description of each point of contact for this vehicle.	Alphanumeric	2	<input type="checkbox"/>	
Vehicle	Point Of Contact #4	PTCONT4	Description of each point of contact for this vehicle.	Alphanumeric	2	<input type="checkbox"/>	
Vehicle	Point Of Contact #5	PTCONT5	Description of each point of contact for this vehicle.	Alphanumeric	2	<input type="checkbox"/>	

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired <input type="checkbox"/>	Retired Year	Source comments
Vehicle	Distance To Object Struck	RD2OBJST	Location and distance from road to object struck by this vehicle.	Numeric	8	<input type="checkbox"/>		
	00	None						
	01	In Road						
	02	Right of Road 0-10 ft						
	03	Right of Road 11-30 ft						
	04	Right of Road Over 30 ft						
	05	Left of Road 0-10 ft						
	06	Left of Road 11-30 ft						
	07	Left of Road Over 30 ft						
	08	Straight Ahead 0-10 ft						
	09	Straight Ahead 11-30 ft						
	10	Straight Ahead Over 30 ft						
Vehicle	Rollover, Point Of Contact	ROLLPTCT	Vehicle Rollover – Determined by Using Point of Contact	Numeric	8	<input type="checkbox"/>		
	1	Rolled Over						
	2	No Rollover						
Vehicle	School Bus Contact Veh	SCH_BUS1	Whether or not this vehicle was a school bus and was a contact vehicle in this crash.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
	1	Yes						
	2	No						
Vehicle	School Bus Non-Contact Veh	SCH_BUS2	Whether or not this vehicle was a school bus and was a non-contact vehicle in this crash	Numeric	8	<input type="checkbox"/>		New element added in 2000.
	1	Yes						
	2	No						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Chemical Test Given	SOB_TEST	Presence and type of chemical test administered to this driver.	Numeric	8	<input type="checkbox"/>		For years before 2000 all observations were coded as not stated. Observations coded as categories 1-6 for later years.

0	Not Test
1	Alcohol Test
2	Test for Other Drugs
3	Alcohol and Other Drugs Test
4	Test Refused
5	Unknown
6	Not Stated
7	Tested

Vehicle	Posted Speed Limit	SPDLIM	Posted speed limit for this vehicle.	Format	Length	Retired
				Numeric	8	<input type="checkbox"/>

00	Not Stated
01	Unknown
10	10 Mph
15	15 Mph
20	20 Mph
25	25 Mph
30	30 Mph
35	35 Mph
40	40 Mph
45	45 Mph
50	50 Mph
55	55 Mph
60	60 Mph
65	65 Mph
70	70 Mph
75	75 Mph
Other	Error Codes

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Hazardous Cargo Spill	SPILL	Whether or not this vehicle spilled hazardous cargo when the crash.	Alphanumeric	1	<input type="checkbox"/>		From 2000 onwards almost 100% observations coded as missing.

	Blank
0	Not Stated
1	Hazardous Spill
2	No Spill

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Tire Impressions In Feet	TIRESKID	Length of tire impressions (skid marks) in feet.	Numeric	8	<input type="checkbox"/>		

000	00 ft
01-05	01-05 ft
06-10	06-10 ft
11-15	11-15 ft
16-20	16-20 ft
21-40	21-40 ft
41-60	41-60 ft
61-80	61-80 ft
81-10	81-100 ft
101-120	101-120 ft
121-140	121-140 ft
141-160	141-160 ft
161-180	161-180 ft
181-200	181-200 ft
201-510	Over 200 ft
511	Tire Impression Not Stated

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Vehicle Driveable	TOWAWAY	Whether or not this vehicle was drivable after the crash (i.e., was not towed from scene).	Numeric	8	<input type="checkbox"/>		

1	Yes
2	No
3	Not Stated

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Trailer Type	TRL_TYPE	Trailer Type	Numeric	8	<input type="checkbox"/>		
	00	No Trailer						
	01	Boat Trailer						
	02	Camper						
	03	Utility Trailer						
	04	Horse Trailer						
	05	House Trailer						
	06	Towed Vehicle						
	07	Other Non-Semi Trailer						
	08	Tanker						
	09	Enclosed Van						
	10	Flatbed or Platform						
	11	Other Semi Trailer						
	12	Double Trailer						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Estimated Original Speed	TRVL_SPD	Estimated original speed of the vehicle involved in the crash.	Numeric	8	<input type="checkbox"/>		

00	Not Moving
01-05	01-05 MPH
06-10	06-10 MPH
11-15	11-15 MPH
16-20	16-20 MPH
21-25	21-25 MPH
26-30	26-30 MPH
31-35	31-35 MPG
36-40	36-40 MPH
41-45	41-45 MPH
46-50	46-50 MPH
51-55	51-55 MPH
56-60	56-60 MPH
61-65	61-65 MPH
66-70	66-70 MPH
71-75	71-75 MPH
76-80	76-80 MPH
81-85	81-85 MPH
86-HIGH	Over 85 MPH

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Vehicle Underride/Override	UNDEROVR	Whether this vehicle underrides (e.g., goes under) or overrides (e.g., runs over) another vehicle in this crash.	Numeric	8	<input type="checkbox"/>		New element added in 2000.
1	Underride							
2	Override							
3	Neither Underride or Override							
4	Unknown							

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Unit Type	UNIT_TYP	Unit Type	Alphanumeric	1	<input type="checkbox"/>		For years prior to 2000 only categories 0 and 2 were coded. Other categories, C, H, O, P and V are coded for later years.

	Blank
0	Unknown
2	Not Commercial Vehicle
C	Commercial
H	Hit and Run]
O	Other
P	Pedestrian
V	Vehicle

Vehicle	Tad#2 Location	V_DAMAG2	Area(s) of damage to this vehicle based on TAD location.	Alphanumeric	2	<input type="checkbox"/>	
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Vehicle	Tad#3 Location	V_DAMAG3	Area(s) of damage to this vehicle based on TAD location.	Alphanumeric	2	<input type="checkbox"/>	
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Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Source comments
Vehicle	Tad#1 (Area Of Damage) Loc	V_DAMAGE	Area(s) of damage to this vehicle based on TAD location.	Alphanumeric	2	<input type="checkbox"/>	

	Blank
00	Not Stated
01	FL
02	FC
03	FD
04	FR
05	RFQ
06	RP
07	RD, RSS
08	RBQ
09	R and T
10	BR
11	BC
12	BD
13	BBL
14	L =and T
15	LBQ
16	LD, LSS
17	LP
18	LFQ
19	TOP
20	Uncodeable

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																		
Vehicle	Vehicle Defect	VEH_DEF	Vehicle Defect	Numeric	8	<input type="checkbox"/>		Element renamed in 2000 to veh_def.																		
<table border="1"> <tr><td>0</td><td>Not Stated</td></tr> <tr><td>1</td><td>Defective Brakes</td></tr> <tr><td>2</td><td>Defective Headlights</td></tr> <tr><td>3</td><td>Defective Rear Lights</td></tr> <tr><td>4</td><td>Defective Steering</td></tr> <tr><td>5</td><td>Defective Tires</td></tr> <tr><td>6</td><td>Other Defects</td></tr> <tr><td>7</td><td>Unknown</td></tr> <tr><td>8</td><td>No Defects</td></tr> </table>									0	Not Stated	1	Defective Brakes	2	Defective Headlights	3	Defective Rear Lights	4	Defective Steering	5	Defective Tires	6	Other Defects	7	Unknown	8	No Defects
0	Not Stated																									
1	Defective Brakes																									
2	Defective Headlights																									
3	Defective Rear Lights																									
4	Defective Steering																									
5	Defective Tires																									
6	Other Defects																									
7	Unknown																									
8	No Defects																									
Vehicle	Vehicle Seizure DWI	VEH_SEIZ	Whether or not this vehicle was seized due to a DWI violation.	Alphanumeric	1	<input type="checkbox"/>		New element added in 2000.																		
<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>Unknown</td></tr> </table>									1	Yes	2	Unknown														
1	Yes																									
2	Unknown																									
Vehicle	Vehicle Position Number	VEHNO	Vehicle Position	Numeric	8	<input type="checkbox"/>																				

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Vehicle Type	VEHTYPE	Vehicle type of vehicle involved in the crash.	Numeric	8	<input type="checkbox"/>		Coding for two-axle trucks changed between 1991 and 1992, when new codes were added. See the 'Details of Major Files' section of the online guidebook: https://www.hsisinfo.org/guidebooks/north_carolina.cfm
01		Passenger Car						
02		Pickup						
03		Light Truck (Mini-Van, Panel)						
04		Sport Utility					Present in 2000 and later years.	
05		Van						
06		Commercial Bus						
07		School Bus						
08		Activity Bus						
09		Other Bus					Present in 2000 and later years.	
10		Single Unit Truck (2-Axle, 6-Tire)						
11		Single Unit Truck (3 Axles or More)						
12		Truck/Trailer						
13		Truck/Tractor						
14		Tractor/Semi Trailer					Present in 2000 and later years.	
15		Tractor/Doubles					Present in 2000 and later years.	
16		Unknown Heavy Truck					Present in 2000 and later years.	
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)					Present in 2000 and later years.	
28		Fire Truck					Present in 2000 and later years.	
29		EMS Vehicle, Ambulance, Rescue Squad						
30		Military						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired Year	Retired Year	Source comments
	31	Police						Present in 2000 and later years.
	32	Unknown						Present in 2000 and later years.
	33	- Not Stated						Present in years prior to 2000.
	34	2, 4 Door Sedan						Present in years prior to 2000.
	35	Station Wagon (Passenger)						Present in years prior to 2000.
	36	Station Wagon (Truck)						Present in years prior to 2000.
	37	Truck with Four Axles						Present in years prior to 2000.
Vehicle	Model Year Of Vehicle	VEHYR	Model year of vehicle involved in the crash.	Numeric	8	<input type="checkbox"/>		Format YYYY where YYYY = Year.
Vehicle	Vehicle Identification No	VIN_ID	Vehicle Identification Number	Alphanumeric	25	<input type="checkbox"/>		New variable added in 2000.
Vehicle	Vision Obstruction	VISION	Vision obstruction for this vehicle's driver that contributed to the crash.	Numeric	8	<input type="checkbox"/>		
	00	None						
	01	Vehicle Window(s) Obscured						
	02	Trees, Crops, Brush, Etc						
	03	Building(s)						
	04	Embankment						
	05	Sign(s)						
	06	Hillcrest						
	07	Parked Vehicle(s)						
	08	Vehicle(s) in Traffic/Moving						
	09	Blinded, Headlights						
	10	Blinded, Sunlight						
	11	Blinded, Other Lights						
	12	Other						
	13	Unknown						
	14	Not Stated (Pre 2000)						
Vehicle	Width Of Trailer #1 (In)	WIDTRL	Width of Trailer #1 (Inches)	Numeric	8	<input type="checkbox"/>		
Vehicle	Width Of Trailer #2 (In)	WIDTRL2	Width of Trailer #2 (Inches)	Numeric	8	<input type="checkbox"/>		New element added in 1996.

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Additional Property Damage	ADD_DAMG	Additional property damage as a result of the crash.	Numeric	8	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.

0	No Damage
1-49	Less than \$50
50-99	\$50-99
100-149	\$100-149
150-199	\$150-199
200-249	\$220-249
250-299	\$250-299
300-349	\$300-349
350-399	\$350-399
400-449	\$400-449
450-499	\$450-499
500-599	\$500-599
600-699	\$600-699
700-799	\$700-799
800-899	\$800-899
900-999	\$900-999
1000-1499	\$1000-1499
1500-1999	\$1500-1999
2000-2499	\$2000-2499
2500-2999	\$2500-2999
3000-3999	\$3000-3999
4000-4999	\$4000-4999
5000-9999	\$5000-9999
10000-HIGH	\$10000 or More

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																		
Accident	Investigating Agency	AGENCY	Agency that investigated the crash.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																		
<table border="1"> <tr><td>0</td><td>Not Stated</td></tr> <tr><td>1</td><td>Municipal Police</td></tr> <tr><td>2</td><td>Sheriff</td></tr> <tr><td>3</td><td>Rural, County Police</td></tr> <tr><td>4</td><td>Highway Patrol</td></tr> <tr><td>5</td><td>Other Agency</td></tr> </table>									0	Not Stated	1	Municipal Police	2	Sheriff	3	Rural, County Police	4	Highway Patrol	5	Other Agency						
0	Not Stated																									
1	Municipal Police																									
2	Sheriff																									
3	Rural, County Police																									
4	Highway Patrol																									
5	Other Agency																									
Accident	Time Of Ambulance Request	AMB_TIME	Time when ambulance was requested to respond to the accident.	Alphanumeric	4	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards																		
Accident	Ambulance Requested	AMBUL	Whether or not an ambulance was requested.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																		
<table border="1"> <tr><td>0</td><td>Not stated</td></tr> <tr><td>1</td><td>Ambulance called</td></tr> <tr><td>2</td><td>Not requested</td></tr> </table>									0	Not stated	1	Ambulance called	2	Not requested												
0	Not stated																									
1	Ambulance called																									
2	Not requested																									
Accident	Commercial Vehicle In Acc	COMMFLAG	Whether or not a commercial vehicle was involved in the accident.	Alphanumeric	1	<input type="checkbox"/>	1999	Element discontinued from 1999 onwards.																		
<table border="1"> <tr><td>0</td><td>Not Commercial Vehicle Accident</td></tr> <tr><td>1</td><td>Commercial Vehicle Accident</td></tr> </table>									0	Not Commercial Vehicle Accident	1	Commercial Vehicle Accident														
0	Not Commercial Vehicle Accident																									
1	Commercial Vehicle Accident																									
Accident	Day Of The Month	DAY	Day of the month when the crash occurred.	Alphanumeric	2	<input type="checkbox"/>	2000	Format DD where DD = Day of the Month (01-31). Element added in 1998, and discontinued in 2000 onwards.																		
Accident	Direction From Frm_Rd	FROM_DIR	Direction from Road - used in describing crash location for subsequent mileposting.	Alphanumeric	2	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																		
<table border="1"> <tr><td>E</td><td>East</td></tr> <tr><td>N</td><td>North</td></tr> <tr><td>NE</td><td>Northeast</td></tr> <tr><td>NW</td><td>Northwest</td></tr> <tr><td>S</td><td>South</td></tr> <tr><td>SE</td><td>Southeast</td></tr> <tr><td>SW</td><td>Southwest</td></tr> <tr><td>W</td><td>West</td></tr> <tr><td>00</td><td>Unknown</td></tr> </table>									E	East	N	North	NE	Northeast	NW	Northwest	S	South	SE	Southeast	SW	Southwest	W	West	00	Unknown
E	East																									
N	North																									
NE	Northeast																									
NW	Northwest																									
S	South																									
SE	Southeast																									
SW	Southwest																									
W	West																									
00	Unknown																									

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																		
Accident	Hazmat Vehicle In Acc	HAZFLAG	Hazmat Vehicle in Accident	Alphanumeric	1	<input checked="" type="checkbox"/>	1999	Element discontinued from 1999 onwards.																		
<table border="1"> <tr> <td>0</td> <td colspan="8">No Hazmat Vehicle in Accident</td> </tr> <tr> <td>1</td> <td colspan="8">Hazmat Vehicle in Accident</td> </tr> </table>									0	No Hazmat Vehicle in Accident								1	Hazmat Vehicle in Accident							
0	No Hazmat Vehicle in Accident																									
1	Hazmat Vehicle in Accident																									
Accident	Hit And Run Acc	HITRUN	Whether or not the accident was a hit and run.	Alphanumeric	1	<input checked="" type="checkbox"/>	2000	Element discontinued from 2000 onwards.																		
<table border="1"> <tr> <td>0</td> <td colspan="8">Not Hit and Run Accident</td> </tr> <tr> <td>1</td> <td colspan="8">Hit and Run Accident</td> </tr> </table>									0	Not Hit and Run Accident								1	Hit and Run Accident							
0	Not Hit and Run Accident																									
1	Hit and Run Accident																									

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Hour	HOUR	Hour when the crash occurred.	Alphanumeric	4	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.

00	12:00-12:59 AM
01	1:00-1:59 AM
02	2:00-2:59 AM
03	3:00-3:59 AM
04	4:00-4:59 AM
05	5:00-5:59 AM
06	6:00-6:59 AM
07	7:00-7:59 AM
08	8:00-8:59 AM
09	9:00-9:59 AM
10	10:00-10:59 AM
11	11:00-11:59 AM
12	12:00-12:59 PM
13	1:00-1:59 PM
14	2:00-2:59 PM
15	3:00-3:59 AM
16	4:00-4:59 AM
17	5:00-5:59 AM
18	6:00-6:59 AM
19	7:00-7:59 AM
20	8:00-8:59 AM
21	9:00-9:59 AM
22	10:00-10:59 Am
23	11:00-11:59 AM
24	Not Stated

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Motorcycle In Acc	MCFLAG	Whether or not a motorcycle was involved in the accident.	Alphanumeric	1	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
	0	Not Motorcycle Accident						
	1	Motorcycle Accident						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																								
Accident	Means Of Involvement	MEANS	Means of Involvement	Alphanumeric		<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																								
<table border="1"> <tr><td>1</td><td>Ran Off Road</td></tr> <tr><td>2</td><td>Hit Fixed Object</td></tr> <tr><td>3</td><td>Hit Non-Fixed Object</td></tr> <tr><td>4</td><td>Car vs Car</td></tr> <tr><td>5</td><td>Car vs Truck or Bus</td></tr> <tr><td>6</td><td>More Than 2 Vehicles Involved</td></tr> <tr><td>7</td><td>Other 1 or 2 Vehicle Accident</td></tr> </table>									1	Ran Off Road	2	Hit Fixed Object	3	Hit Non-Fixed Object	4	Car vs Car	5	Car vs Truck or Bus	6	More Than 2 Vehicles Involved	7	Other 1 or 2 Vehicle Accident										
1	Ran Off Road																															
2	Hit Fixed Object																															
3	Hit Non-Fixed Object																															
4	Car vs Car																															
5	Car vs Truck or Bus																															
6	More Than 2 Vehicles Involved																															
7	Other 1 or 2 Vehicle Accident																															
Accident	Month Of Accident	MONTH	Month of the year when the accident occurred.	Alphanumeric	2	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																								
<table border="1"> <tr><td>1</td><td>January</td></tr> <tr><td>2</td><td>February</td></tr> <tr><td>3</td><td>March</td></tr> <tr><td>4</td><td>April</td></tr> <tr><td>5</td><td>May</td></tr> <tr><td>6</td><td>June</td></tr> <tr><td>7</td><td>July</td></tr> <tr><td>8</td><td>August</td></tr> <tr><td>9</td><td>September</td></tr> <tr><td>10</td><td>October</td></tr> <tr><td>11</td><td>November</td></tr> <tr><td>12</td><td>December</td></tr> </table>									1	January	2	February	3	March	4	April	5	May	6	June	7	July	8	August	9	September	10	October	11	November	12	December
1	January																															
2	February																															
3	March																															
4	April																															
5	May																															
6	June																															
7	July																															
8	August																															
9	September																															
10	October																															
11	November																															
12	December																															
Accident	Moped In Accident	MOPEDFLG	Whether or not a moped was involved in the accident.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																								
<table border="1"> <tr><td>0</td><td>Not Moped Accident</td></tr> <tr><td>1</td><td>Moped Accident</td></tr> </table>									0	Not Moped Accident	1	Moped Accident																				
0	Not Moped Accident																															
1	Moped Accident																															
Accident	Million Vehicle Millions Of Travel	MVMT	Million Vehicle Miles Traveled	Numeric	8	<input type="checkbox"/>	2000	Million Vehicle Miles Traveled on Road Segment. Element discontinued from 2000 onwards.																								

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Quality Of Milepost	PLOTQUAL	Quality of Milepost	Alphanumeric	1	Y	2000	Element discontinued from 2000 onwards.

0		Blank						
1		Good Location						
2		Loop, Ok Direction						
3		Bad Direction						
4		Loop, Bad Direction						
5		Located on Yline						
6		Adjust to RT End						
7		Private Property						
8		Cannot Milepost						
9		Route is Invalid						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Total Property Damage	PROPDAM	Total property damage in dollars as a result of the crash.	Numeric	8	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.

0	No Damage
1-49	Less than \$50
50-99	\$50-99
100-149	\$100-149
150-199	\$150-199
200-249	\$220-249
250-299	\$250-299
300-349	\$300-349
350-399	\$350-399
400-449	\$400-449
450-499	\$450-499
500-599	\$500-599
600-699	\$600-699
700-799	\$700-799
800-899	\$800-899
900-999	\$900-999
1000-1499	\$1000-1499
1500-1999	\$1500-1999
2000-2499	\$2000-2499
2500-2999	\$2500-2999
3000-3999	\$3000-3999
4000-4999	\$4000-4999
5000-9999	\$5000-9999
10000-HIGH	\$10000 or More

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																						
Accident	Type Of Road Surface (Rep)	RD_PAVE	Road surface type where the crash occurred.	Numeric	8	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																						
<table border="1"> <tr><td></td><td>Uncoded</td></tr> <tr><td>0</td><td>Not Stated</td></tr> <tr><td>1</td><td>Concrete</td></tr> <tr><td>2</td><td>Grooved Concrete</td></tr> <tr><td>3</td><td>Smooth Asphalt</td></tr> <tr><td>4</td><td>Coarse Asphalt</td></tr> <tr><td>5</td><td>Gravel</td></tr> <tr><td>6</td><td>Sand</td></tr> <tr><td>7</td><td>Soil</td></tr> <tr><td>8</td><td>Other</td></tr> </table>										Uncoded	0	Not Stated	1	Concrete	2	Grooved Concrete	3	Smooth Asphalt	4	Coarse Asphalt	5	Gravel	6	Sand	7	Soil	8	Other		
	Uncoded																													
0	Not Stated																													
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3	Smooth Asphalt																													
4	Coarse Asphalt																													
5	Gravel																													
6	Sand																													
7	Soil																													
8	Other																													
Accident	Road Way Class	RODWYCLS	Roadway Class	Alphanumeric	2	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																						
<table border="1"> <tr><td>01</td><td>Urban Freeways</td></tr> <tr><td>02</td><td>Urban Freeways Less than 4 Lanes</td></tr> <tr><td>03</td><td>Urban 2 Lane Roads</td></tr> <tr><td>04</td><td>Urban Multilane Divided Non-Freeway</td></tr> <tr><td>05</td><td>Urban Multilane Undivided Non-Freeway</td></tr> <tr><td>06</td><td>Rural Freeways</td></tr> <tr><td>07</td><td>Rural Freeways Less than 4 Lanes</td></tr> <tr><td>08</td><td>Rural 2-Lane Roads</td></tr> <tr><td>09</td><td>Rural Multilane Divided Non-Freeway</td></tr> <tr><td>10</td><td>Rural Multilane Undivided Non-Freeway</td></tr> <tr><td>99</td><td>Others</td></tr> </table>									01	Urban Freeways	02	Urban Freeways Less than 4 Lanes	03	Urban 2 Lane Roads	04	Urban Multilane Divided Non-Freeway	05	Urban Multilane Undivided Non-Freeway	06	Rural Freeways	07	Rural Freeways Less than 4 Lanes	08	Rural 2-Lane Roads	09	Rural Multilane Divided Non-Freeway	10	Rural Multilane Undivided Non-Freeway	99	Others
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09	Rural Multilane Divided Non-Freeway																													
10	Rural Multilane Undivided Non-Freeway																													
99	Others																													
Accident	School Bus Involved In Acc	SCHBUS	Whether or not a school bus was involved in the crash.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																						
<table border="1"> <tr><td>0</td><td>Not School Bus Accident</td></tr> <tr><td>1</td><td>School/Activity Bus Accident</td></tr> </table>									0	Not School Bus Accident	1	School/Activity Bus Accident																		
0	Not School Bus Accident																													
1	School/Activity Bus Accident																													
Accident	Computed Speed Of Accident	SPD_GRP	Computed speed of vehicles involved in accident.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.																						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Citation Issued To Someone In Accident	TICKET1	Whether a citation was issued to someone in accident.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards. Almost 100% observations are coded as 0. Use this element with caution.
		Blank						
		0	No Citation Number in Accident					
		1	Citation Number Given					

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Time Of Day (24 Hour)	TIME	Time of day when the accident occurred.	Alphanumeric	4	<input type="checkbox"/>	1999	Element discontinued from 1999 onwards.
	0000-0059		12:00-12:59 AM					
	0100-0159		1:00-1:59 AM					
	0200-0259		2:00-2:59 AM					
	0300-0359		3:00-3:59 AM					
	0400-0459		4:00-4:59 AM					
	0500-0559		5:00-5:59 AM					
	0600-0659		6:00-6:59 AM					
	0700-0759		7:00-7:59 AM					
	0800-0859		8:00-8:59 AM					
	0900-0959		9:00-9:59 AM					
	1000-1059		10:00-10:59 AM					
	1100-1159		11:00-11:59 AM					
	1200-1259		12:00-12:59 PM					
	1300-1359		1:00-1:59 PM					
	1400-1459		2:00-2:59 PM					
	1500-1559		3:00-3:59 PM					
	1600-1659		4:00-4:59 PM					
	1700-1759		5:00-5:59 PM					
	1800-1859		6:00-6:59 PM					
	1900-1959		7:00-7:59 PM					
	2000-2059		8:00-8:59 PM					
	2100-2159		9:00-9:59 PM					
	2200-2259		10:00-10:59 PM					
	2300-2359		11:00-11:59 PM					
	2460		Not Stated					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Accident	Total Killed In Acc	TOT_KILL	Total number killed in accident.	Numeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Accident	Total A Injuries In Acc	TOTAINJ	Total A Injuries in the accident.	Numeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Accident	Total B Injuries In Acc	TOTBINJ	Total B Injuries in Accident	Numeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Accident	Total C Injuries In Acc	TOTCINJ	Total C Injuries in Accident	Numeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Accident	Traffic Control Visible	TRF_VIS	Whether or not the traffic control was visible when the crash occurred.	Alphanumeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.

0	Not stated
1	Visible
2	Not visible

Accident	Weather Condition 1	WEATHER1	Weather conditions when the crash occurred.	Numeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
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0	Not Stated	
1	Clear	
2	Cloudy	
3	Rain	
4	Snow	
5	Fog, Smog, Smoke	
6	Sleet, Hall, Freezing Rain/Drizzle	
7	Severe Crosswinds	Categories coded in 2000 and later years.
8	Blowing Sand, Dirt, Snow	Categories coded in 2000 and later years.
9	Other	Categories coded in 2000 and later years.

Accident	Weather Condition 2	WEATHER2	Weather conditions when the crash occurred.	Numeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
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Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments														
Accident	Day Of Week	WEEKDAY	Day of the week that the crash occurred.	Alphanumeric		<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.														
<table border="1"> <tr><td>1</td><td>Monday</td></tr> <tr><td>2</td><td>Tuesday</td></tr> <tr><td>3</td><td>Wednesday</td></tr> <tr><td>4</td><td>Thursday</td></tr> <tr><td>5</td><td>Friday</td></tr> <tr><td>6</td><td>Saturday</td></tr> <tr><td>7</td><td>Sunday</td></tr> </table>									1	Monday	2	Tuesday	3	Wednesday	4	Thursday	5	Friday	6	Saturday	7	Sunday
1	Monday																					
2	Tuesday																					
3	Wednesday																					
4	Thursday																					
5	Friday																					
6	Saturday																					
7	Sunday																					
Accident	Non-Mileposted Crossing Route Location	Y_LINE	Non-Mileposted Crossing Route Location	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.														
<table border="1"> <tr><td></td><td>Blank</td></tr> <tr><td>0</td><td>Normal Milepost</td></tr> <tr><td>1</td><td>Y-Line Milepost</td></tr> </table>										Blank	0	Normal Milepost	1	Y-Line Milepost								
	Blank																					
0	Normal Milepost																					
1	Y-Line Milepost																					
Occupant	Person County	PRSN_CTY	Person City	Alphanumeric	22	<input type="checkbox"/>	2009	Element added in 2000 and discontinued from 2009 onwards.														
Roadway	Design Hour Volume	DHRVOL	Design Hour Volume	Alphanumeric	2	<input type="checkbox"/>	2008	Discontinued from 2008 onwards.														
Roadway	Inventory Control	INV_CNTL	Inventory Control	Alphanumeric	1	<input type="checkbox"/>	2009	Element discontinued from 2009 onwards.														
Roadway	List Control	LISTCNTL	List Control	Alphanumeric	1	<input type="checkbox"/>	2009	Element discontinued from 2009 onwards.														
<table border="1"> <tr><td>1</td><td>Normal Listing Sequence</td></tr> <tr><td>2</td><td>Information Listed at the End of Route</td></tr> <tr><td>3</td><td>Additional Group Listed at the End of Route</td></tr> </table>									1	Normal Listing Sequence	2	Information Listed at the End of Route	3	Additional Group Listed at the End of Route								
1	Normal Listing Sequence																					
2	Information Listed at the End of Route																					
3	Additional Group Listed at the End of Route																					
Roadway	Pavement Condition	PAVECOND	Pavement Condition	Alphanumeric	2	<input type="checkbox"/>	2009	Discontinued from 2009 onwards see pvmt_y_qlty element.														
Roadway	Percent Trucks At Peak	PEAK_TRK	Percent Trucks at Peak	Alphanumeric	1	<input type="checkbox"/>	2009	This element is coded as "unknown" or zero for over 75% of the mileage. Element discontinued from 2009 onwards														
<table border="1"> <tr><td>0</td><td>Unknown</td></tr> <tr><td>1</td><td>Under 5%</td></tr> <tr><td>2</td><td>5-9.99%</td></tr> <tr><td>3</td><td>10% and Over</td></tr> </table>									0	Unknown	1	Under 5%	2	5-9.99%	3	10% and Over						
0	Unknown																					
1	Under 5%																					
2	5-9.99%																					
3	10% and Over																					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Roadway	Portable Traffic Counter	PTCSTAT	Portable traffic counter	Alphanumeric	8	<input type="checkbox"/>	2008	Variable was discontinued from 2008 onwards.
Roadway	Record Continuation Code	RECCONTCD	Record Continuation Code	Alphanumeric	1	<input type="checkbox"/>	2009	New element added in 1999 and discontinued from 2009 onwards.
Roadway	Pavement Roughness	ROUGH	Roughness of the pavement.	Alphanumeric	3	<input type="checkbox"/>	2009	Discontinued from 2009 onwards.
Roadway	Scenic Byway	SCENIC	Scenic Byway	Alphanumeric	1	<input type="checkbox"/>	2002	New element added in 1999 and discontinued from 2002 onwards.
Roadway	State Highway System	STATE_SY	State Highway System	Alphanumeric	1	<input type="checkbox"/>	2009	Discontinued from 2009 onwards.
Roadway	Traffic Growth Factor	TRFGROW	Traffic Growth Factor	Numeric	8	<input type="checkbox"/>	2009	Discontinued from 2009 onwards.
Roadway	Turn Lane Width	TRNLNWD	Turn Lane Width	Numeric	8	<input type="checkbox"/>	2009	New element added in 1992 and discontinued from 2009 onwards.
Roadway	Update	UPDATE_	Update	Numeric	8	<input type="checkbox"/>	2009	Format MM/DD/YY where MM = Month, DD = Day, and YY = Year. New element added in 1999 and discontinued from 2009 onwards.
Roadway	Urban Location	URB_LOC	Urban Location	Alphanumeric	1	<input type="checkbox"/>	2002	Element discontinued from 2002 onwards.
Roadway	Year Of Traffic Count	YEAR	Year of Traffic Count	Numeric	8	<input type="checkbox"/>	2009	Format YYYY where YYYY = Year. New element added in 1999 and discontinued from 2009 onwards.
Vehicle	Driver Charged With Viol	ACTION	Whether or not the driver of the vehicle involved in the crash was charged with a violation.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.

Blank or 0	Not stated
1	Charged with Violation
2	Not Charged

Vehicle	Air Bags Present In Veh	AIRBAGS	Whether or not airbags were present in the vehicle when the accident occurred.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
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	Blank
0	Unknown
1	Air Bag Present
2	No Air Bag

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Airbags Deployed During Crash	AIRDEPL	Whether or not the airbag deployed.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards. There is an increase in the number of observations coded as "Airbags Deployed". This is because for later years, more vehicles were equipped with air bags.

	Blank
0	Unknown
1	Air Bag Deploy
2	Not Deployed

Vehicle	Alcohol/Drug In Acc	ALC_DRUG	Whether alcohol or drugs were involved in the accident.	Numeric	8	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
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0	No
1	Yes – Alcohol, Impairment Suspected
2	Yes – Alcohol, No Impairment Suspected
3	Yes – Other Drugs, Impairment Suspected
4	Yes – Other Drugs, No Impairment Suspected
5	Yes – Alcohol and Other Drugs, Impairment Suspecte
6	Yes – Alcohol and Other Drugs, No Impairment Suspe
7	Unknown
8	Not State
9	Drinking – Unable to Determine Impairment

Vehicle	Number Of Seats Occupied	CNT_SEAT	Number of Seats	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
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Vehicle	Viol/Contribut Factor #4	CONTRIB4	Violating/Contributing Factor	Numeric	8	<input type="checkbox"/>	2000	Elements CONTRIB4 and CONTRIB5 discontinued from 2000 onwards.
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Vehicle	Viol/Contribut Factor #5	CONTRIB5	Violating/Contributing Factor	Numeric	8	<input type="checkbox"/>	2000	Elements CONTRIB4 and CONTRIB5 discontinued from 2000 onwards.
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Vehicle	Cross Median	CROSSMED	Whether the vehicle crossed the median during the crash.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
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	Blank
0	Not Stated
1	Crossed Median

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																				
Vehicle	Out Of State Drivers Lic	DRSTATE	Whether the driver involved in the crash is out of state or not.	Alphanumeric	1	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.																				
<table border="1"> <tr><td></td><td>Unknown</td></tr> <tr><td>0</td><td>NC Driver License</td></tr> <tr><td>1</td><td>Out of State Driver</td></tr> </table>										Unknown	0	NC Driver License	1	Out of State Driver														
	Unknown																											
0	NC Driver License																											
1	Out of State Driver																											
Vehicle	Drivers License Restrict	DRV_LICENSE_RESTRICT	Whether or not there was a restriction noted on the driver's license.	Numeric	8	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.																				
<table border="1"> <tr><td></td><td>No Restriction or No NC License</td></tr> <tr><td>1</td><td>Corrective Lense</td></tr> <tr><td>2</td><td>45 MPH Limit</td></tr> <tr><td>3</td><td>Daylight Driving Only</td></tr> <tr><td>4</td><td>Corrective Lenses, and 45 MPH Limit</td></tr> <tr><td>5</td><td>Corrective Lenses, 45 MPH Limit and Daylight Drivi</td></tr> <tr><td>6</td><td>Corrective Lenses, and Daylight Driving Only</td></tr> <tr><td>7</td><td>45 MPH Limit, and Daylight Driving Only</td></tr> <tr><td>8</td><td>No Interstate Driving</td></tr> <tr><td>9</td><td>Other Restriction</td></tr> </table>										No Restriction or No NC License	1	Corrective Lense	2	45 MPH Limit	3	Daylight Driving Only	4	Corrective Lenses, and 45 MPH Limit	5	Corrective Lenses, 45 MPH Limit and Daylight Drivi	6	Corrective Lenses, and Daylight Driving Only	7	45 MPH Limit, and Daylight Driving Only	8	No Interstate Driving	9	Other Restriction
	No Restriction or No NC License																											
1	Corrective Lense																											
2	45 MPH Limit																											
3	Daylight Driving Only																											
4	Corrective Lenses, and 45 MPH Limit																											
5	Corrective Lenses, 45 MPH Limit and Daylight Drivi																											
6	Corrective Lenses, and Daylight Driving Only																											
7	45 MPH Limit, and Daylight Driving Only																											
8	No Interstate Driving																											
9	Other Restriction																											
Vehicle	Driver Intoxication Group	INTOXC	Driver Intoxication Group	Numeric	8	<input type="checkbox"/> Y	1998	Element added in 1996, and discontinued from 1998 onwards.																				
<table border="1"> <tr><td>1</td><td>Drinking</td></tr> <tr><td>2</td><td>Not Drinking</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>									1	Drinking	2	Not Drinking	3	Unknown														
1	Drinking																											
2	Not Drinking																											
3	Unknown																											
Vehicle	Learner Permit	L_PERMIT	Learner Permit	Alphanumeric	1	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.																				
<table border="1"> <tr><td>0 or blank</td><td>No or not stated</td></tr> <tr><td>1</td><td>Learner's Permit</td></tr> <tr><td>2</td><td>Limited Permit</td></tr> </table>									0 or blank	No or not stated	1	Learner's Permit	2	Limited Permit														
0 or blank	No or not stated																											
1	Learner's Permit																											
2	Limited Permit																											

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Restrict On Driv License	LICRESTR	Restrict on Driver License	Alphanumeric	2	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards. For years 1995 and 1996, all categories coded as missing.
	-		Out of State or Unlicensed Driver					
	0		NO Restriction or No NC License					
	1		Corrective Lenses					
	2		45 MPH Limit					
	3		Daylight Driving Only					
	4		Corrective Lenses, and 45 MPH Limit					
	5		Corrective Lenses, 45 MPH Limit, Daylight Driving					
	6		Corrective Lenses, and Daylight Driving Only					
	7		45 MPH Limit, and Daylight Driving Only					
	8		No Interstate Driving					
	9		Other Restriction					

Vehicle	Vehicle Make	MAKE	Make of the vehicle involved in the crash.	Alphanumeric	2	<input type="checkbox"/>	2000	Element added in 1999, and discontinued from 2000 onwards.
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Vehicle	Miscellaneous Action	MISCACT1	Miscellaneous Action	Alphanumeric	2	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
	00		Not Stated					
	01		Avoiding Pedestrian					
	02		Avoiding Other Vehicle					
	03		Avoiding Fixed Object					
	04		Avoiding Animal					
	05		Fire or Mechanical Failure					
	06		Falling from Vehicle					
	07		Driverless Moving Vehicle					
	08		Skidding Out of Control					
	09		Pushing or Towing Vehicle (Not Trailer)					
	10		Vehicle Parked on Private Property					
	11		Vehicle Legally Parked					
	12		Vehicle and Driver Info Omitted					
	13		Driver Info Added to Statistical Report Only					
	14		Moped Info Added to Statistical Report Only					

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Total Occupants In Veh	NUM_OCCS	Total number of occupants in this vehicle when the crash occurred.	Alphanumeric	2	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Vehicle	No Of Points Of Contact	NUM_POCS	Number of Points of Contact	Alphanumeric	1	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Vehicle	Number Of TAD Codes	NUM_TADS	Number of TAD Codes	Alphanumeric	1	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Vehicle	Tot Injured In Veh (K+A+B+C)	NUMINJ	Total number of occupants injured in this vehicle (including fatal injuries).	Alphanumeric	2	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.
Vehicle	Num Of Viols Indicated	NUMVIOLS	Number of Violations Indicated	Alphanumeric	1	<input type="checkbox"/> Y	2000	Element discontinued from 2000 onwards.

00	No Violations
01	1 Contrib/Viol
02	2 Contrib/Viols
03	3 Contrib/Viols
04	4 Contrib/Viols
5-99	5+ Contrib/Viols

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
Vehicle	Type Of Object Struck	OBJECT1	Type of object struck by this vehicle when the crash occurred.	Alphanumeric	2	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards. See EVENT1-EVENT4.

	Blank
00	Not Stated
01	None
02	Parked Vehicle
03	Bicycle or Moped
04	Pedestrian
05	Animal
06	Tree
07	Utility Pole (With/Without Pole)
08	Luminaire Pole (Non-Breakaway)
09	Luminaire Pole (Breakaway)
10	Highway Sign (Non-Breakaway)
11	Highway Sign (Breakaway)
12	Commercial Sign
13	Guardrail End on Shoulder
14	Guardrail Fence on Shoulder
15	Guardrail End in Median
16	Guardrail Fence in Median
17	Shoulder Barrier End
18	Shoulder Barrier Face
19	Median Barrier End
20	Median Barrier Face
21	Bridge Rail End
22	Bridge Rail Face
23	Overhead Part of Underpass
24	Pier on Shoulder of Underpass
25	Pier in Median of Underpass
26	Abutment (Supporting Wall) of Underpass
27	Traffic Island Curb or Median
28	Catch Basin or Culvert on Shoulder
29	Catch Basin or Culvert on Median

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments
	30	Ditch Bank						
	31	Mailbox						
	32	Fence or Fence Post						
	33	Construction Barrier						
	34	Crash Cushion						
	35	Other Object						
Vehicle	On Road	ON_RD	On Road	Alphanumeric	8	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
Vehicle	Other Unit Type	OTH_UNIT	Other Unit Type	Alphanumeric	20	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
Vehicle	Out Of State Veh Regis	OUTSTATE	Out of State Vehicle Registration	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
Vehicle	Vehicle Owner City	OWN_CITY	Vehicle Owner City	Alphanumeric	22	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
Vehicle	Vehicle Owner State	OWN_STAT	Vehicle Owner State	Alphanumeric	2	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
Vehicle	Vehicle Owner Zip Code	OWN_ZIP	Vehicle Owner Zip Code	Alphanumeric	9	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.
Vehicle	Pupil Pedest Struck By (Schlbus Crash)	PEDHITBY	What struck the pupil pedestrian in a school bus crash.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards. Almost all observations are coded as missing.
		Blank						
	0	Not Applicable						
	1	Pupil Pedestrian Struck by School Bus						
	2	Pupil Pedestrian Struck by Passenger Car						
	3	Pupil Pedestrian Struck by Truck						
	4	Pupil Pedestrian Struck by Other Vehicle						
	5	Pupil Pedestrian Struck by Flying Object						
	6	Non-Pupil Pedestrian Struck by School Bus						
	7	Non-Pupil Pedestrian Struck by Other Vehicle						
	8	Non-Pupil Pedestrian Struck by Flying Object						

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments												
Vehicle	Region Of Impact	REGION	Region of impact for this vehicle.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards. See Point of Contact.												
<table border="1"> <tr><td></td><td>Blank</td></tr> <tr><td>1</td><td>Front Impact</td></tr> <tr><td>2</td><td>Right Side Impact</td></tr> <tr><td>3</td><td>Left Side Impact</td></tr> <tr><td>4</td><td>Rear End Impact</td></tr> <tr><td>5</td><td>Unspecified</td></tr> </table>										Blank	1	Front Impact	2	Right Side Impact	3	Left Side Impact	4	Rear End Impact	5	Unspecified
	Blank																			
1	Front Impact																			
2	Right Side Impact																			
3	Left Side Impact																			
4	Rear End Impact																			
5	Unspecified																			
Vehicle	Vehicle Rollover	ROLLOVER	Whether or not this vehicle rolled over during the crash sequence.	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.												
<table border="1"> <tr><td></td><td>Blank</td></tr> <tr><td>0</td><td>Rolled Over</td></tr> <tr><td>1</td><td>No Roll Over</td></tr> </table>										Blank	0	Rolled Over	1	No Roll Over						
	Blank																			
0	Rolled Over																			
1	No Roll Over																			
Vehicle	Rollover, Tad Severity	ROLLTAD	Vehicle Rollover – Determined by Using Tad Severity	Numeric	8	<input type="checkbox"/>	1998	Element added in 1996, and discontinued from 1998 onwards.												
Vehicle	Tot Length Of Trailer(S) In Feet	TOTLENG	Total length of all trailer(s) in feet for this commercial motor carrier.	Alphanumeric	3	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.												
Vehicle	Towed By	TOWED_BY	Who the vehicle involved in the crash was towed by.	Alphanumeric	50	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.												
Vehicle	Towed To	TOWED_TO	Where the vehicle involved in the crash was towed to.	Alphanumeric	50	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.												
Vehicle	Data Present (Trailer #1)	TRL1_FLG	Data Present (Trailer)	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.												
<table border="1"> <tr><td></td><td>No Trailer Dimension Available</td></tr> <tr><td>1</td><td>Dimensions Given</td></tr> <tr><td>Other</td><td>Error/Other Code</td></tr> </table>										No Trailer Dimension Available	1	Dimensions Given	Other	Error/Other Code						
	No Trailer Dimension Available																			
1	Dimensions Given																			
Other	Error/Other Code																			
Vehicle	Data Present (Trailer #2)	TRL2_FLG	Data Present (Trailer)	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.												
Vehicle	Vehicle Location Based On Road	VEHON	Vehicle Location Based on Road	Alphanumeric	1	<input type="checkbox"/>	2000	Element discontinued from 2000 onwards.												

Fields: Highway Safety Information System (HSIS): North Carolina

Category	Field	Field-Literal	Description	Format	Length	Retired	Retired Year	Source comments																																													
Vehicle	Severity	VEHSEV	Most severe injury in this vehicle.	Numeric	8	<input checked="" type="checkbox"/>	1998	Element added in 1998, and discontinued from 1998 onwards.																																													
<table border="1"> <tbody> <tr> <td>1</td> <td colspan="8">No Injury</td> </tr> <tr> <td>2</td> <td colspan="8">Class C Injury</td> </tr> <tr> <td>3</td> <td colspan="8">Class B Injury</td> </tr> <tr> <td>4</td> <td colspan="8">Class A Injury</td> </tr> <tr> <td>5</td> <td colspan="8">Fatal Injury</td> </tr> </tbody> </table>									1	No Injury								2	Class C Injury								3	Class B Injury								4	Class A Injury								5	Fatal Injury							
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4	Class A Injury																																																				
5	Fatal Injury																																																				
Vehicle	Vehicle Identification No	VIN	Vehicle Identification Number	Alphanumeric	17	<input checked="" type="checkbox"/>	2000	Element discontinued from 2000 onwards.																																													