

1997
Estimated Crash Cost
And
1995-1997
Statewide Crash Rates
For
North Carolina

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1997 Estimated Crash Cost for North Carolina

The following costs are based on the previous work completed by the Traffic Safety Systems Management Unit on crash cost analysis. The crash costs have been adjusted to reflect the changes in the consumer price index and the changes in average injuries per reported crash in North Carolina for 1995 through 1997. In the majority of the cases the costs have increased, but a few categories remained the same or decreased.

Crash Type	Monetary Cost Per Crash Estimated 1997 Dollars	Comprehensive Cost Estimated 1997 Dollars
Fatal Crash	\$1,090,000	\$3,440,000
A injury Crash	\$83,000	\$275,000
B Injury Crash	\$31,000	\$73,000
C Injury Crash	\$18,000	\$36,000
Property Damage Only Crash	\$2,700	\$2,700
Average Crash	\$22,000	\$50,000
Non-Fatal Injury Crash	\$25,000	\$64,000

**1995-1997 Three-Year
Statewide Crash Rates
English Units**

North Carolina Department of Transportation
Traffic Safety Systems Management Unit
Highway Safety Program and Evaluation Section
1995-1997 Three Year Crash Rates

RURAL STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	18,328	53,861	56,597	126,784	87,311	214,095
FATAL CRASHES	197	628	666	1,491	920	2,411
NON-FATAL INJURY CRASHES	8,022	24,350	25,286	55,658	38,069	93,727
NIGHT CRASHES	5,020	15,499	18,376	38,855	30,960	69,855
WET CRASHES	3,605	11,654	12,101	27,360	17,994	45,354
PERCENT FATAL CRASHES	1.21%	1.17%	1.18%	1.18%	1.05%	1.13%
PERCENT NON-FATAL INJURY CRASHES	38.85%	45.21%	44.88%	43.90%	43.60%	43.78%
PERCENT NIGHT CRASHES	30.75%	28.78%	32.47%	30.68%	35.46%	32.83%
PERCENT WET CRASHES	22.08%	21.64%	21.38%	21.58%	20.61%	21.18%
MILES OF ROAD	788	4,280	6,866	11,933	59,459	71,392
AVERAGE DAILY TRAFFIC	29,500	7,300	3,400	6,500	500	1,500
TRAVEL (100MM) (1)	254.39	342.11	255.62	849.06	325.54	1,172.62
TOTAL CRASH RATE (2)	64.18	157.44	221.41	149.27	258.21	182.58
FATAL CRASH RATE (2)	0.77	1.84	2.61	1.76	2.83	2.06
NON-FATAL INJURY CRASH RATE (2)	23.67	71.17	98.92	65.53	116.94	79.93
NIGHT CRASH RATE (2)	19.73	45.30	71.89	45.79	95.10	59.57
WET CRASH RATE (2)	14.17	34.06	47.34	32.21	55.27	38.68
SEVERITY INDEX (3)	6.92	8.32	7.36	7.71	8.10	7.67

URBAN HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	18,017	57,372	33,782	109,171	46,469	222,023	377,653
FATAL CRASHES	73	188	94	355	107	875	1,337
NON-FATAL INJURY CRASHES	6,440	23,593	14,015	44,048	18,696	84,589	147,333
NIGHT CRASHES	4,159	10,830	6,544	21,533	9,176	57,594	88,303
WET CRASHES	4,100	12,560	7,168	23,828	9,698	42,385	75,911
PERCENT FATAL CRASHES	0.41%	0.33%	0.28%	0.35%	0.23%	0.39%	0.35%
PERCENT NON-FATAL INJURY CRASHES	35.74%	41.12%	41.49%	40.35%	40.24%	38.10%	39.01%
PERCENT NIGHT CRASHES	23.08%	18.88%	19.37%	19.72%	19.75%	25.94%	23.38%
PERCENT WET CRASHES	22.76%	21.89%	21.22%	21.83%	20.87%	19.09%	20.10%
MILES OF ROAD	183	1,294	1,035	2,472	3,669	15,952	21,993
AVERAGE DAILY TRAFFIC	87,400	15,300	9,800	16,100	4,400	1,000	3,403
TRAVEL (100MM) (1)	114.90	210.08	111.10	435.81	171.94	174.68	782.43
TOTAL CRASH RATE (2)	156.81	273.10	304.07	250.50	270.20	1,271.04	482.57
FATAL CRASH RATE (2)	0.94	0.89	0.85	0.81	0.62	5.01	1.71
NON-FATAL INJURY CRASH RATE (2)	58.05	112.31	128.15	101.07	108.73	484.25	188.30
NIGHT CRASH RATE (2)	36.20	51.55	58.90	49.41	53.37	329.72	112.86
WET CRASH RATE (2)	35.55	59.79	64.52	54.88	56.40	242.55	97.02
SEVERITY INDEX (3)	5.82	6.84	6.70	6.43	6.44	6.48	6.49

ALL HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	34,345	111,233	90,379	235,955	133,770	222,023	591,748
FATAL CRASHES	270	816	760	1,846	1,027	875	3,748
NON-FATAL INJURY CRASHES	12,462	47,843	39,301	99,706	56,765	84,589	241,060
NIGHT CRASHES	9,179	26,329	24,920	60,428	40,136	57,594	158,158
WET CRASHES	7,705	24,214	19,269	51,188	27,692	42,385	121,265
PERCENT FATAL CRASHES	0.75%	0.73%	0.84%	0.78%	0.77%	0.39%	0.63%
PERCENT NON-FATAL INJURY CRASHES	36.29%	43.10%	43.48%	42.26%	42.43%	38.10%	40.74%
PERCENT NIGHT CRASHES	26.73%	23.67%	27.57%	25.61%	30.00%	25.94%	26.73%
PERCENT WET CRASHES	22.44%	21.77%	21.32%	21.69%	20.70%	19.09%	20.49%
MILES OF ROAD	971	5,534	7,901	14,405	63,028	15,952	93,385
AVERAGE DAILY TRAFFIC	34,700	9,100	4,300	8,100	700	1,000	3,403
TRAVEL (100MM) (1)	366.55	551.44	372.02	1,277.59	483.11	174.68	1,935.47
TOTAL CRASH RATE (2)	93.00	201.44	246.45	183.50	258.89	1,271.04	302.58
FATAL CRASH RATE (2)	0.73	1.46	2.07	1.44	2.06	5.01	1.92
NON-FATAL INJURY CRASH RATE (2)	33.75	86.82	107.17	77.58	114.10	484.28	123.30
NIGHT CRASH RATE (2)	24.55	47.58	67.95	47.02	80.68	329.72	80.90
WET CRASH RATE (2)	20.96	43.85	52.54	39.83	55.66	242.55	62.03
SEVERITY INDEX (3)	5.52	6.21	6.30	6.12	6.05	5.59	5.86

(1) ESTIMATED VALUE

(2) ACCIDENT RATES ARE IN ACCIDENTS PER 100 MILLION VEHICLE MILES OF TRAVEL

(3) SEVERITY INDEX = (75.8*(F+A) + 8.4*(B+C)) / PDOT TOTAL CRASHES

(4) INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Miles Traveled

RURAL INTERSTATE ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	788	64.18	0.77	23.67	19.73	14.17
TOTAL	788	64.18	0.77	23.67	19.73	14.17

URBAN INTERSTATE ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	183	156.81	0.64	56.05	36.20	35.68
TOTAL	183	156.81	0.64	56.05	36.20	35.68

ALL INTERSTATE ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	971	93.00	0.73	33.75	24.86	20.86
TOTAL	971	93.00	0.73	33.75	24.86	20.86

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Miles Traveled

RURAL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	2,999	194.93	2.58	88.48	56.78	42.87
3 LANES UNDIVIDED	36	186.05	1.89	2.00	42.68	35.13
4 OR MORE LANES UNDIVIDED	211	179.91	1.27	14.10	43.99	37.16
4 OR MORE LANES W/CONT. LEFT TURN LANE	4	191.61	1.21	0.48	48.20	33.74
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	524	139.93	1.30	63.16	40.06	29.57
PARTIAL CONTROL ACCESS	255	93.52	0.91	43.29	28.05	19.50
FULL CONTROL ACCESS	250	70.77	16.51	28.61	23.62	16.31
TOTAL	4,280	157.44	1.84	101.34	74.31	48.49

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	552	322.45	1.24	131.88	55.89	64.17
3 LANES UNDIVIDED*	5	262.45	0.00	114.91	45.40	0.59
4 OR MORE LANES UNDIVIDED	277	329.65	0.75	136.09	58.65	73.28
4 OR MORE LANES W/CONT. LEFT TURN LANE	12	393.55	0.84	162.71	76.12	4.17
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	250	261.14	0.77	109.47	52.33	62.86
PARTIAL CONTROL ACCESS	79	190.33	1.09	78.69	40.60	17.17
FULL CONTROL ACCESS	79	131.68	0.62	49.33	30.09	16.64
TOTAL	1,254	273.10	0.89	112.31	59.79	51.55

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,551	224.85	2.25	98.56	56.55	47.82
3 LANES UNDIVIDED	41	197.18	1.62	83.00	43.12	36.44
4 OR MORE LANES UNDIVIDED	488	277.55	0.93	117.83	53.50	60.53
4 OR MORE LANES W/CONT. LEFT TURN LANE	16	341.55	0.93	145.31	68.93	76.69
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	774	193.95	1.06	83.79	45.49	42.30
PARTIAL CONTROL ACCESS	335	127.11	1.03	55.57	32.40	29.04
FULL CONTROL ACCESS	329	94.99	0.76	36.85	26.20	23.40
TOTAL	5,534	202.32	1.48	87.20	44.04	47.89

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Miles Traveled

RURAL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	6,707	227.29	2.74	101.34	74.31	48.49
3 LANES UNDIVIDED	13	316.15	3.79	153.34	77.62	87.08
4 OR MORE LANES UNDIVIDED	51	254.67	1.89	116.71	70.78	56.04
4 OR MORE LANES W/CONT. LEFT TURN LANE*	0.1	242.40	0.00	60.60	121.20	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	67	111.93	0.74	51.18	33.25	24.52
PARTIAL CONTROL ACCESS	19	94.12	0.00	45.61	32.76	17.83
FULL CONTROL ACCESS	8	53.74	1.22	27.48	10.38	14.66
TOTAL	6,866	221.41	2.61	98.92	47.34	71.89

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	787	312.81	0.91	126.29	60.50	64.89
3 LANES UNDIVIDED*	5	321.19	0.00	112.04	68.72	85.15
4 OR MORE LANES UNDIVIDED	154	298.19	0.94	129.89	54.20	62.54
4 OR MORE LANES W/CONT. LEFT TURN LANE*	5	325.62	0.00	116.20	35.13	58.10
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	68	342.77	0.70	147.96	72.16	79.92
PARTIAL CONTROL ACCESS	9	63.12	0.00	28.01	18.08	13.83
FULL CONTROL ACCESS	8	134.68	0.37	55.35	32.84	30.99
TOTAL	1,035	304.07	0.85	126.15	64.52	58.90

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,494	224.85	2.25	98.56	56.55	47.82
3 LANES UNDIVIDED*	18	197.18	1.62	83.00	43.12	36.44
4 OR MORE LANES UNDIVIDED	205	277.59	0.93	117.83	53.50	60.53
4 OR MORE LANES W/CONT. LEFT TURN LANE*	5	341.55	0.93	145.31	68.93	76.69
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	135	193.96	1.06	83.79	45.49	42.30
PARTIAL CONTROL ACCESS	28	127.11	1.03	55.57	32.40	29.04
FULL CONTROL ACCESS	16	94.99	0.76	36.85	26.20	23.40
TOTAL	7,901	248.88	2.09	108.22	53.06	68.62

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Miles Traveled

RURAL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	9,707	213.98	2.67	96.05	67.10	46.18
3 LANES UNDIVIDED	49	200.46	2.10	85.97	46.55	40.89
4 OR MORE LANES UNDIVIDED	261	192.93	1.37	89.44	48.66	40.45
4 OR MORE LANES W/CONT. LEFT TURN LANE	4	192.60	1.18	94.53	49.63	33.09
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	591	136.19	1.23	61.57	39.15	28.90
PARTIAL CONTROL ACCESS	275	93.56	0.93	43.43	28.36	19.39
FULL CONTROL ACCESS	1,046	64.99	0.79	24.35	14.46	20.20
TOTAL	11,933	149.27	1.76	65.53	45.79	32.21

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,339	317.17	1.06	128.81	58.87	64.57
3 LANES UNDIVIDED	10	291.06	0.00	113.51	56.76	64.03
4 OR MORE LANES UNDIVIDED	431	319.11	0.82	134.02	57.16	69.48
4 OR MORE LANES W/CONT. LEFT TURN LANE	17	377.52	0.64	151.71	66.43	83.68
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	317	277.54	0.76	117.20	56.32	62.48
PARTIAL CONTROL ACCESS	88	174.05	0.95	72.21	37.71	42.75
FULL CONTROL ACCESS	270	151.90	0.63	54.84	35.32	35.04
TOTAL	2,472	250.50	0.81	101.07	54.68	49.41

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,046	237.26	2.31	103.44	65.24	50.33
3 LANES UNDIVIDED	59	220.73	1.63	92.13	48.83	46.07
4 OR MORE LANES UNDIVIDED	692	281.67	0.98	120.79	54.64	60.86
4 OR MORE LANES W/CONT. LEFT TURN LANE	21	338.17	0.75	139.54	62.86	72.91
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	908	202.41	1.01	87.63	47.19	44.83
PARTIAL CONTROL ACCESS	363	122.85	0.94	53.90	31.76	27.89
FULL CONTROL ACCESS	1,316	93.30	0.73	34.28	24.38	21.90
TOTAL	14,405	183.60	1.44	77.58	47.02	39.83

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1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Miles Traveled

RURAL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	59,372	261.52	2.77	113.91	93.39	53.81
3 LANES UNDIVIDED*	4	537.68	5.97	232.99	176.24	110.52
4 OR MORE LANES UNDIVIDED	50	256.99	1.90	117.01	64.13	56.05
4 OR MORE LANES W/CONT. LEFT TURN LANE	2	837.57	3.67	404.09	194.70	191.02
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	15	168.37	2.22	74.58	53.17	36.92
PARTIAL CONTROL ACCESS*	2	22.93	0.00	8.34	10.42	4.17
FULL CONTROL ACCESS	14	7.27	0.00	1.88	2.11	1.64
TOTAL	59,459	268.21	2.83	116.94	95.10	55.27

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,176	263.48	0.67	105.11	52.59	53.14
3 LANES UNDIVIDED	22	372.94	0.40	142.76	60.95	61.36
4 OR MORE LANES UNDIVIDED	277	304.00	0.66	128.99	68.17	56.65
4 OR MORE LANES W/CONT. LEFT TURN LANE	18	245.12	0.68	71.98	50.09	48.74
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	56	311.08	0.12	122.44	75.90	66.31
PARTIAL CONTROL ACCESS	11	168.79	0.72	64.70	40.84	39.04
FULL CONTROL ACCESS*	8	24.86	0.00	7.93	6.13	4.68
TOTAL	3,569	270.20	0.62	108.73	53.37	56.40

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	62,548	276.00	2.37	117.69	87.82	56.36
3 LANES UNDIVIDED	26	394.13	1.07	154.10	75.27	67.11
4 OR MORE LANES UNDIVIDED	327	296.78	0.82	126.96	57.41	66.35
4 OR MORE LANES W/CONT. LEFT TURN LANE	20	283.40	0.85	91.28	57.23	58.30
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	71	292.17	0.40	116.14	64.65	70.72
PARTIAL CONTROL ACCESS	14	147.54	0.62	66.49	34.88	35.50
FULL CONTROL ACCESS	22	14.22	0.00	4.26	3.13	3.41
TOTAL	63,028	268.89	2.06	114.10	80.68	55.66

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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**1995-1997 Three-Year
Statewide Truck Crash Rates
English Units**

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
1995-1997 Three Year Truck Crash Rates

RURAL STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	2,999	3,273	2,324	8,596	1,297	9,893
FATAL CRASHES	48	107	70	225	24	249
NON-FATAL INJURY CRASHES	999	1,382	1,040	3,421	526	3,947
NIGHT CRASHES	1,035	764	531	2,330	289	2,619
WET CRASHES	562	633	435	1,630	231	1,861
PERCENT FATAL CRASHES	1.60%	3.27%	3.01%	2.62%	1.85%	2.52%
PERCENT NON-FATAL INJURY CRASHES	33.31%	42.22%	44.75%	39.80%	40.56%	39.90%
PERCENT NIGHT CRASHES	34.51%	23.34%	22.85%	27.11%	22.28%	26.47%
PERCENT WET CRASHES	18.74%	19.34%	18.72%	18.96%	17.81%	18.81%
MILES OF ROAD	788	4,280	6,866	11,953	59,459	71,392
AVERAGE DAILY TRAFFIC	29,500	7,300	3,400	6,500	500	1,500
TRAVEL (100MVM) (1)	254.39	342.11	255.62	849.36	325.54	1,172.62
TOTAL CRASH RATE (2)	11.79	9.57	9.09	10.12	3.98	8.44
FATAL CRASH RATE (2)	0.19	0.31	0.27	0.26	0.07	0.21
NON-FATAL INJURY CRASH RATE (2)	3.93	4.04	4.07	4.03	1.62	3.37
NIGHT CRASH RATE (2)	4.07	2.23	2.08	2.74	0.89	2.23
WET CRASH RATE (2)	2.21	1.85	1.70	1.92	0.71	1.59
SEVERITY INDEX (3)	7.18	10.75	10.35	8.38	9.96	9.47

URBAN STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	2,305	2,320	609	5,534	717	3,939	10,190
FATAL CRASHES	13	24	6	43	4	28	75
NON-FATAL INJURY CRASHES	744	733	271	1,748	164	967	2,879
NIGHT CRASHES	568	370	110	1,048	78	570	1,694
WET CRASHES	427	438	130	995	107	682	1,784
PERCENT FATAL CRASHES	0.56%	1.03%	0.86%	0.78%	0.55%	0.71%	0.74%
PERCENT NON-FATAL INJURY CRASHES	32.28%	31.59%	29.81%	31.59%	22.87%	24.55%	28.25%
PERCENT NIGHT CRASHES	24.64%	15.95%	12.10%	18.94%	10.60%	14.47%	16.62%
PERCENT WET CRASHES	18.52%	18.86%	14.30%	17.98%	14.92%	17.31%	17.51%
MILES OF ROAD	183	1,254	1,035	2,472	3,559	15,952	21,989
AVERAGE DAILY TRAFFIC	57,400	15,300	9,800	16,100	4,400	1,000	3,403
TRAVEL (100MVM) (1)	114.90	210.08	111.10	435.81	171.94	174.68	782.43
TOTAL CRASH RATE (2)	20.08	11.04	8.18	12.70	4.17	22.55	13.02
FATAL CRASH RATE (2)	0.11	0.11	0.05	0.10	0.02	0.16	0.10
NON-FATAL INJURY CRASH RATE (2)	6.48	3.49	2.44	4.01	0.95	5.54	3.68
NIGHT CRASH RATE (2)	4.94	1.78	0.99	2.40	0.44	3.28	2.17
WET CRASH RATE (2)	3.72	2.08	1.17	2.28	0.62	3.90	2.28
SEVERITY INDEX (3)	6.12	6.61	6.35	6.36	4.09	3.69	5.77

ALL STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	5,304	5,593	3,233	14,130	2,014	92,918	109,080
FATAL CRASHES	61	131	76	268	28	328	624
NON-FATAL INJURY CRASHES	1,743	2,115	1,311	5,169	690	36,381	42,240
NIGHT CRASHES	1,603	1,134	641	3,378	365	21,980	25,723
WET CRASHES	989	1,071	565	2,625	338	16,719	21,682
PERCENT FATAL CRASHES	1.15%	2.34%	2.35%	1.90%	1.39%	0.35%	0.57%
PERCENT NON-FATAL INJURY CRASHES	32.86%	37.82%	40.55%	36.58%	34.28%	39.15%	38.73%
PERCENT NIGHT CRASHES	30.22%	20.28%	19.83%	23.91%	18.12%	23.66%	23.59%
PERCENT WET CRASHES	18.65%	19.15%	17.48%	18.58%	16.78%	20.15%	19.88%
MILES OF ROAD	971	5,534	7,901	14,405	63,028	15,952	93,385
AVERAGE DAILY TRAFFIC	34,700	9,100	4,300	8,100	700	1,000	3,403
TRAVEL (100MVM) (1)	368.95	551.44	372.02	1,277.69	483.11	174.68	1,935.47
TOTAL CRASH RATE (2)	14.38	10.13	8.82	10.99	4.05	531.93	55.78
FATAL CRASH RATE (2)	0.17	0.24	0.21	0.21	0.08	1.88	0.32
NON-FATAL INJURY CRASH RATE (2)	4.72	3.83	3.57	4.02	1.39	208.27	21.61
NIGHT CRASH RATE (2)	4.34	2.05	1.75	2.63	0.73	125.83	13.16
WET CRASH RATE (2)	2.66	1.94	1.54	2.04	0.68	107.18	11.09
SEVERITY INDEX (3)	6.72	9.03	9.22	6.21	7.87	3.69	7.29

(1) ESTIMATED VALUE

(2) ACCIDENT RATES ARE IN ACCIDENTS PER 100 MILLION VEHICLE MILES OF TRAVEL

(3) SEVERITY INDEX = $(76.8 \times (F+A) + 8.4 \times (B+C) + PDV) / \text{TOTAL CRASHES}$

(4) INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Miles Traveled

RURAL INTERSTATE ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	788	11.79	0.19	3.93	4.07	2.21
TOTAL	788	11.79	0.19	3.93	4.07	2.21

URBAN INTERSTATE ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	183	20.06	0.11	6.48	4.94	3.72
TOTAL	183	20.06	0.11	6.48	4.94	3.72

ALL INTERSTATE ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	971	14.36	0.17	4.72	4.34	2.68
TOTAL	971	14.36	0.17	4.72	4.34	2.68

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Miles Traveled

RURAL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	2,999	11.39	0.43	4.89	2.54	2.23
3 LANES UNDIVIDED	36	9.20	0.47	0.09	1.41	1.18
4 OR MORE LANES UNDIVIDED	211	7.66	0.07	0.47	1.48	1.55
4 OR MORE LANES W/CONT. LEFT TURN LANE	4	8.44	0.00	0.02	2.41	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	524	9.57	0.29	4.23	2.31	1.74
PARTIAL CONTROL ACCESS	256	7.39	0.19	2.96	2.02	1.47
FULL CONTROL ACCESS	250	5.34	1.72	2.05	1.62	1.10
TOTAL	4,280	9.57	0.31	4.17	2.11	1.74

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	552	12.97	0.25	4.07	1.84	2.24
3 LANES UNDIVIDED*	5	12.77	0.00	5.67	0.00	0.02
4 OR MORE LANES UNDIVIDED	277	9.01	0.06	2.77	1.04	1.62
4 OR MORE LANES W/CONT. LEFT TURN LANE	12	17.57	0.00	4.18	1.25	0.15
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	250	11.69	0.09	3.90	1.99	2.49
PARTIAL CONTROL ACCESS	79	11.29	0.05	3.54	2.34	0.86
FULL CONTROL ACCESS	79	8.94	0.08	2.69	2.22	0.95
TOTAL	1,254	11.04	0.11	3.49	2.08	1.76

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,551	11.72	0.39	4.67	2.36	2.23
3 LANES UNDIVIDED	41	9.72	0.40	3.85	1.21	1.21
4 OR MORE LANES UNDIVIDED	488	8.53	0.06	2.78	1.19	1.59
4 OR MORE LANES W/CONT. LEFT TURN LANE	16	15.21	0.00	4.04	1.55	2.48
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	774	10.51	0.20	4.08	2.16	1.99
PARTIAL CONTROL ACCESS	335	8.75	0.11	3.16	2.13	1.77
FULL CONTROL ACCESS	329	6.77	0.14	2.31	1.86	1.44
TOTAL	5,534	10.17	0.24	3.85	1.95	2.06

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Miles Traveled

RURAL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	6,707	9.29	0.29	4.17	2.11	1.74
3 LANES UNDIVIDED	13	24.61	0.00	11.36	5.68	5.68
4 OR MORE LANES UNDIVIDED	51	13.20	0.34	4.97	3.26	2.40
4 OR MORE LANES W/CONT. LEFT TURN LANE*	0.1	0.00	0.00	0.00	0.00	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	67	3.44	0.09	1.76	0.74	0.74
PARTIAL CONTROL ACCESS	19	4.15	0.00	1.66	1.24	0.41
FULL CONTROL ACCESS*	8	1.83	0.00	1.22	0.61	0.00
TOTAL	6,866	9.09	0.27	4.07	1.70	2.08

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	787	8.89	0.08	2.78	1.00	1.29
3 LANES UNDIVIDED*	5	5.98	0.00	1.49	1.49	0.00
4 OR MORE LANES UNDIVIDED	154	7.18	0.04	1.65	1.05	0.94
4 OR MORE LANES W/CONT. LEFT TURN LANE*	5	5.40	0.00	0.00	0.00	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	68	9.51	0.00	3.29	1.12	1.54
PARTIAL CONTROL ACCESS*	9	1.42	0.00	0.71	0.00	0.35
FULL CONTROL ACCESS*	8	1.11	0.00	0.00	0.37	0.00
TOTAL	1,035	8.18	0.05	2.44	1.17	0.99

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,494	11.72	0.39	4.67	2.36	2.23
3 LANES UNDIVIDED	18	9.72	0.40	3.85	1.21	1.21
4 OR MORE LANES UNDIVIDED	205	8.53	0.06	2.78	1.19	1.59
4 OR MORE LANES W/CONT. LEFT TURN LANE*	5	15.21	0.00	4.04	1.55	2.48
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	135	10.51	0.20	4.08	2.16	1.99
PARTIAL CONTROL ACCESS	28	8.75	0.11	3.16	2.13	1.77
FULL CONTROL ACCESS	16	6.77	0.14	2.31	1.86	1.44
TOTAL	7,901	8.90	0.21	3.61	1.56	1.77

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Miles Traveled

RURAL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	9,707	10.15	0.35	4.47	2.29	1.94
3 LANES UNDIVIDED	49	10.90	0.42	4.40	1.89	1.68
4 OR MORE LANES UNDIVIDED	261	8.63	0.12	3.19	1.79	1.70
4 OR MORE LANES W/CONT. LEFT TURN LANE	4	8.27	0.00	3.54	2.36	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	591	8.75	0.26	3.90	2.11	1.61
PARTIAL CONTROL ACCESS	275	7.19	0.13	2.88	1.97	1.40
FULL CONTROL ACCESS	1,046	10.88	0.19	3.66	2.05	3.73
TOTAL	11,933	10.12	0.26	4.03	2.74	1.92

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,339	10.74	0.15	3.36	1.38	1.72
3 LANES UNDIVIDED	10	9.46	0.00	3.64	0.73	0.73
4 OR MORE LANES UNDIVIDED	431	8.40	0.05	2.39	1.05	1.39
4 OR MORE LANES W/CONT. LEFT TURN LANE	17	14.69	0.00	3.19	0.96	2.56
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	317	11.25	0.07	3.78	1.81	2.15
PARTIAL CONTROL ACCESS	88	10.03	0.05	3.18	2.04	2.09
FULL CONTROL ACCESS	270	17.71	0.10	5.68	3.33	4.37
TOTAL	2,472	12.70	0.10	4.01	2.28	2.40

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,046	10.29	0.30	4.22	2.09	1.89
3 LANES UNDIVIDED	59	10.58	0.33	4.23	1.63	1.47
4 OR MORE LANES UNDIVIDED	692	8.47	0.07	2.63	1.27	1.48
4 OR MORE LANES W/CONT. LEFT TURN LANE	21	13.33	0.00	3.27	1.26	2.01
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	908	9.92	0.17	3.84	1.97	1.86
PARTIAL CONTROL ACCESS	363	8.22	0.10	2.99	2.00	1.65
FULL CONTROL ACCESS	1,316	13.10	0.16	4.32	3.88	2.52
TOTAL	14,405	10.99	0.21	4.02	2.63	2.04

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Miles Traveled

RURAL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	59,372	3.89	0.07	1.59	0.85	0.70
3 LANES UNDIVIDED*	4	5.97	0.00	2.99	2.99	0.00
4 OR MORE LANES UNDIVIDED	50	3.64	0.00	1.11	1.27	0.48
4 OR MORE LANES W/CONT. LEFT TURN LANE	2	11.02	0.00	0.00	3.67	3.67
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	15	2.95	0.00	1.48	1.48	0.00
PARTIAL CONTROL ACCESS*	2	2.08	0.00	0.00	0.00	0.00
FULL CONTROL ACCESS	14	0.23	0.00	0.00	0.00	0.00
TOTAL	59,459	3.98	0.07	1.62	0.89	0.71

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,176	4.51	0.04	1.07	0.68	0.51
3 LANES UNDIVIDED	22	5.51	0.00	1.60	0.00	0.40
4 OR MORE LANES UNDIVIDED	277	3.79	0.00	0.85	0.64	0.36
4 OR MORE LANES W/CONT. LEFT TURN LANE	18	2.26	0.00	0.23	0.23	0.23
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	56	4.56	0.00	0.70	0.58	0.23
PARTIAL CONTROL ACCESS	11	2.17	0.00	0.72	0.00	0.72
FULL CONTROL ACCESS*	8	0.72	0.00	0.00	0.36	0.00
TOTAL	3,569	4.17	0.02	0.95	0.44	0.62

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	62,548	4.26	0.07	1.54	0.81	0.73
3 LANES UNDIVIDED	26	5.88	0.00	1.78	0.71	0.00
4 OR MORE LANES UNDIVIDED	327	3.76	0.00	0.88	0.47	0.62
4 OR MORE LANES W/CONT. LEFT TURN LANE	20	2.77	0.00	0.21	0.43	0.43
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	71	4.35	0.00	0.81	0.40	0.51
PARTIAL CONTROL ACCESS	14	2.16	0.00	0.62	0.62	0.00
FULL CONTROL ACCESS	22	0.43	0.00	0.00	0.00	0.14
TOTAL	63,028	4.05	0.06	1.39	0.73	0.68

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

**1995-1997 Three-Year
Statewide Crash Rates
Metric Units.**

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
1995-1997 Three Year Crash Rates (Metric)

RURAL STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	16,326	53,861	56,597	126,784	67,311	214,095
FATAL CRASHES	187	628	666	1,491	920	2,411
NON-FATAL INJURY CRASHES	6,022	24,350	25,286	55,658	38,069	93,727
NIGHT CRASHES	5,020	15,499	18,376	38,895	30,960	69,855
WET CRASHES	3,605	11,654	12,101	27,360	17,994	45,354
PERCENT FATAL CRASHES	1.21%	1.17%	1.18%	1.18%	1.05%	1.13%
PERCENT NON-FATAL INJURY CRASHES	36.89%	45.21%	44.68%	43.90%	43.60%	43.78%
PERCENT NIGHT CRASHES	30.75%	28.78%	32.47%	30.68%	35.46%	32.63%
PERCENT WET CRASHES	22.08%	21.64%	21.38%	21.58%	20.61%	21.18%
KILOMETERS OF ROAD	1,267	6,885	11,047	19,201	95,669	114,670
AVERAGE DAILY TRAFFIC	29,500	7,300	3,400	6,500	500	1,500
TRAVEL (100MKM) (1)	409.31	550.46	411.29	1,366.62	523.79	1,886.74
TOTAL CRASH RATE (2)	39.89	97.85	137.61	92.77	166.69	113.47
FATAL CRASH RATE (2)	0.48	1.14	1.62	1.09	1.76	1.28
NON-FATAL INJURY CRASH RATE (2)	14.71	44.24	61.48	40.73	72.68	49.68
NIGHT CRASH RATE (2)	12.26	28.16	44.68	28.46	59.11	37.02
WET CRASH RATE (2)	8.81	21.17	29.42	20.02	34.35	24.04
SEVERITY INDEX (3)	6.92	6.32	7.35	7.71	8.10	7.67

URBAN STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	18,017	57,372	33,782	109,171	46,459	222,023	377,653
FATAL CRASHES	73	188	94	355	107	875	1,337
NON-FATAL INJURY CRASHES	6,440	23,593	14,015	44,048	18,696	84,589	147,333
NIGHT CRASHES	4,159	10,830	6,544	21,533	9,176	57,594	88,303
WET CRASHES	4,100	12,560	7,168	23,828	9,698	42,385	75,911
PERCENT FATAL CRASHES	0.41%	0.33%	0.28%	0.33%	0.23%	0.39%	0.35%
PERCENT NON-FATAL INJURY CRASHES	35.74%	41.12%	41.49%	40.35%	40.24%	38.10%	39.01%
PERCENT NIGHT CRASHES	23.03%	18.88%	19.37%	19.72%	19.75%	25.94%	23.38%
PERCENT WET CRASHES	22.76%	21.89%	21.22%	21.83%	20.67%	19.09%	20.10%
KILOMETERS OF ROAD	294	2,018	1,666	3,978	5,742	25,667	35,387
AVERAGE DAILY TRAFFIC	57,400	15,300	9,800	16,100	4,400	1,000	3,403
TRAVEL (100MVM) (1)	184.87	338.01	178.76	701.22	276.66	281.06	1,258.93
TOTAL CRASH RATE (2)	97.46	169.73	188.98	155.69	187.93	769.96	299.98
FATAL CRASH RATE (2)	0.39	0.56	0.53	0.51	0.39	3.11	1.06
NON-FATAL INJURY CRASH RATE (2)	34.84	69.80	78.40	62.82	67.58	300.97	117.03
NIGHT CRASH RATE (2)	22.50	32.04	36.61	30.71	33.17	204.92	70.14
WET CRASH RATE (2)	22.18	37.16	40.10	33.98	35.05	150.81	60.30
SEVERITY INDEX (3)	5.32	6.64	6.70	6.43	6.44	6.48	6.49

ALL STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL
TOTAL CRASHES	34,343	111,233	90,379	235,955	133,770	222,023	591,748
FATAL CRASHES	270	816	760	1,846	1,027	875	3,748
NON-FATAL INJURY CRASHES	12,462	47,943	39,301	99,706	56,765	84,589	241,060
NIGHT CRASHES	9,179	26,329	24,920	60,428	40,136	57,594	158,158
WET CRASHES	7,705	24,214	19,269	51,188	27,692	42,385	121,265
PERCENT FATAL CRASHES	0.79%	0.73%	0.84%	0.78%	0.77%	0.39%	0.63%
PERCENT NON-FATAL INJURY CRASHES	36.29%	43.10%	43.48%	42.26%	42.43%	38.10%	40.74%
PERCENT NIGHT CRASHES	26.73%	23.67%	27.57%	25.61%	30.00%	25.94%	26.73%
PERCENT WET CRASHES	22.44%	21.77%	21.32%	21.69%	20.70%	19.09%	20.49%
KILOMETERS OF ROAD	1,562	8,904	12,713	23,178	101,411	25,667	150,267
AVERAGE DAILY TRAFFIC	34,700	9,100	4,300	8,100	700	1,000	3,403
TRAVEL (100MVM) (1)	593.63	887.26	598.58	2,055.80	777.32	281.06	3,114.17
TOTAL CRASH RATE (2)	185.77	329.08	508.59	336.49	483.52	789.96	470.04
FATAL CRASH RATE (2)	1.46	2.41	4.25	2.63	3.71	3.11	2.98
NON-FATAL INJURY CRASH RATE (2)	67.41	141.84	219.85	142.19	205.18	300.97	191.48
NIGHT CRASH RATE (2)	49.55	77.89	139.40	86.18	145.08	204.92	125.63
WET CRASH RATE (2)	41.63	71.64	107.79	73.00	100.10	150.81	96.32
SEVERITY INDEX (3)	5.32	6.21	6.30	6.12	6.05	5.68	5.88

- (1) ESTIMATED VALUE
(2) ACCIDENT RATES ARE IN ACCIDENTS PER 100 MILLION VEHICLE KILOMETERS OF TRAVEL
(3) SEVERITY INDEX = $(76.9 \times (F+A) + 8.4 \times (B+C) + 100) \times \text{TOTAL CRASHES}$
(4) INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES.

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL INTERSTATE ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	1,267	39.89	0.48	14.71	12.26	8.81
TOTAL	1,267	39.89	0.48	14.71	12.26	8.81

URBAN INTERSTATE ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	294	97.46	0.39	34.84	22.50	22.18
TOTAL	294	97.46	0.39	34.84	22.50	22.18

ALL INTERSTATE ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS	1,561	185.77	1.46	67.41	49.65	41.68
TOTAL	1,561	185.77	1.46	67.41	49.65	41.68

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL UNITED STATES ROUTES						
ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	4,826	121.15	1.60			
3 LANES UNDIVIDED	58	115.63	1.17	54.99	35.29	26.64
4 OR MORE LANES UNDIVIDED	339	111.82	0.79	1.25	26.53	21.84
4 OR MORE LANES W/CONT. LEFT TURN LANE	7	119.09	0.75	8.76	27.34	23.10
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	843	86.96	0.81	0.30	29.96	20.97
PARTIAL CONTROL ACCESS	411	58.12	0.57	39.26	24.90	18.38
FULL CONTROL ACCESS	403	43.98	10.26	26.90	17.44	12.12
TOTAL	6,886	97.85	1.14	17.72	14.68	10.13
				62.98	46.19	30.14

URBAN UNITED STATES ROUTES						
ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	888	200.40	0.77			
3 LANES UNDIVIDED*	8	163.11	0.00	81.96	35.36	39.68
4 OR MORE LANES UNDIVIDED	446	204.88	0.47	71.42	28.21	0.37
4 OR MORE LANES W/CONT. LEFT TURN LANE	20	244.62	0.52	84.58	36.45	45.54
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	402	162.30	0.48	101.12	47.31	2.59
PARTIAL CONTROL ACCESS	127	118.29	0.68	68.03	32.53	39.07
FULL CONTROL ACCESS	127	61.84	0.39	48.91	25.23	10.67
TOTAL	2,018	169.73	0.56	30.66	18.70	10.34
				69.80	37.16	32.04

ALL UNITED STATES ROUTES						
ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,714	139.74	1.40			
3 LANES UNDIVIDED	66	122.55	1.01	61.26	35.15	29.72
4 OR MORE LANES UNDIVIDED	785	172.53	0.58	51.59	26.80	22.66
4 OR MORE LANES W/CONT. LEFT TURN LANE	26	212.27	0.58	73.23	33.25	37.62
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,245	120.55	0.66	90.31	42.84	47.67
PARTIAL CONTROL ACCESS	538	79.00	0.64	52.07	28.27	26.29
FULL CONTROL ACCESS	530	59.04	0.47	34.54	20.14	18.05
TOTAL	8,904	125.74	0.92	22.90	16.29	14.54
				54.20	27.37	29.76

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	10,792	141.26	1.70	62.98	46.19	30.14
3 LANES UNDIVIDED*	22	196.49	2.35	95.30	48.24	54.12
4 OR MORE LANES UNDIVIDED	82	158.28	1.17	72.54	43.99	34.83
4 OR MORE LANES W/CONT. LEFT TURN LANE*	0.2	150.65	0.00	37.66	75.33	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	108	69.57	0.46	31.81	20.67	15.24
PARTIAL CONTROL ACCESS	31	58.50	0.00	28.35	20.36	11.08
FULL CONTROL ACCESS	13	33.40	0.76	17.08	6.45	9.11
TOTAL	11,047	137.61	1.62	61.48	29.42	44.68

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,266	194.41	0.57	78.49	37.60	40.33
3 LANES UNDIVIDED*	8	199.62	0.00	69.63	42.71	52.92
4 OR MORE LANES UNDIVIDED	247	185.33	0.58	80.73	33.68	38.87
4 OR MORE LANES W/CONT. LEFT TURN LANE*	8	202.37	0.00	72.22	21.83	36.11
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	109	213.03	0.43	91.96	44.85	49.67
PARTIAL CONTROL ACCESS	14	39.23	0.00	17.41	11.24	8.59
FULL CONTROL ACCESS	13	83.70	0.23	34.40	20.41	19.26
TOTAL	1,666	188.98	0.53	78.40	40.10	36.61

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	12,058	139.74	1.40	61.26	35.15	29.72
3 LANES UNDIVIDED*	29	122.55	1.01	51.59	26.80	22.65
4 OR MORE LANES UNDIVIDED	329	172.53	0.58	73.23	33.25	37.62
4 OR MORE LANES W/CONT. LEFT TURN LANE*	8	212.27	0.58	90.31	42.84	47.67
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	216	120.55	0.66	52.07	28.27	26.29
PARTIAL CONTROL ACCESS	45	79.00	0.64	34.54	20.14	18.05
FULL CONTROL ACCESS	26	59.04	0.47	22.90	16.29	14.54
TOTAL	12,713	154.68	1.30	67.26	32.98	42.65

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	15,618	132.99	1.66	59.69	41.70	28.70
3 LANES UNDIVIDED	79	124.59	1.30	53.43	28.93	25.41
4 OR MORE LANES UNDIVIDED	420	119.91	0.85	55.59	30.24	25.14
4 OR MORE LANES W/CONT. LEFT TURN LANE	7	119.70	0.73	58.75	30.84	20.56
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	951	84.65	0.76	38.26	24.33	17.96
PARTIAL CONTROL ACCESS	442	58.15	0.58	26.99	17.62	12.05
FULL CONTROL ACCESS	1,683	40.39	0.49	15.13	8.98	12.55
TOTAL	19,201	92.77	1.09	40.73	28.46	20.02

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	2,154	197.12	0.66	80.06	36.59	40.13
3 LANES UNDIVIDED	16	180.89	0.00	70.55	35.27	39.80
4 OR MORE LANES UNDIVIDED	693	198.33	0.51	83.29	35.53	43.18
4 OR MORE LANES W/CONT. LEFT TURN LANE	28	234.63	0.40	94.29	41.29	52.01
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	511	172.49	0.47	72.84	35.00	38.83
PARTIAL CONTROL ACCESS	141	108.17	0.59	44.88	23.44	26.57
FULL CONTROL ACCESS	434	94.40	0.39	34.08	21.95	21.78
TOTAL	3,978	155.69	0.51	62.92	33.98	30.71

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	17,772	147.46	1.43	64.29	40.55	31.28
3 LANES UNDIVIDED	95	137.18	1.01	57.26	30.35	28.63
4 OR MORE LANES UNDIVIDED	1,114	175.06	0.61	75.07	33.96	37.83
4 OR MORE LANES W/CONT. LEFT TURN LANE	34	210.18	0.47	86.73	39.07	45.32
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,461	125.80	0.63	54.46	29.33	27.74
PARTIAL CONTROL ACCESS	584	76.35	0.59	33.50	19.74	17.34
FULL CONTROL ACCESS	2,117	57.99	0.46	21.30	15.15	13.61
TOTAL	23,178	114.11	0.89	48.22	29.22	24.75

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Crash Rates
By Road System, Type and Control
Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	95,530	162.54	1.72	70.80	58.04	33.44
3 LANES UNDIVIDED*	6	334.17	3.71	144.81	109.53	68.69
4 OR MORE LANES UNDIVIDED	80	159.72	1.18	72.73	39.86	34.84
4 OR MORE LANES W/CONT. LEFT TURN LANE*	4	520.55	2.28	251.14	121.01	118.72
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	24	104.64	1.38	46.35	33.04	22.95
PARTIAL CONTROL ACCESS*	4	14.25	0.00	5.18	6.48	2.59
FULL CONTROL ACCESS	22	4.52	0.00	1.17	1.31	1.02
TOTAL	95,669	166.69	1.76	72.68	59.11	34.35

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,111	163.75	0.42	65.33	32.58	33.03
3 LANES UNDIVIDED	36	231.79	0.25	88.73	37.88	38.13
4 OR MORE LANES UNDIVIDED	446	188.94	0.41	80.17	42.37	35.21
4 OR MORE LANES W/CONT. LEFT TURN LANE	28	154.83	0.42	44.74	31.13	30.29
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	50	193.34	0.07	76.10	47.17	41.21
PARTIAL CONTROL ACCESS	18	104.91	0.45	40.21	25.38	24.26
FULL CONTROL ACCESS*	14	15.45	0.00	4.93	3.81	2.91
TOTAL	5,742	167.93	0.39	67.58	33.17	35.05

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	100,640	171.53	1.47	73.14	54.58	35.03
3 LANES UNDIVIDED	42	244.95	0.66	95.77	46.78	41.71
4 OR MORE LANES UNDIVIDED	526	184.45	0.51	78.91	35.68	41.23
4 OR MORE LANES W/CONT. LEFT TURN LANE	32	176.14	0.53	56.73	35.57	36.23
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	114	181.58	0.25	72.18	40.18	43.95
PARTIAL CONTROL ACCESS	22	91.70	0.38	35.11	21.68	22.06
FULL CONTROL ACCESS	36	8.83	0.00	2.65	1.94	2.12
TOTAL	101,411	167.12	1.28	70.92	50.14	34.60

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

**1995-1997 Three-Year
Statewide Truck Crash Rates
Metric Units**

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
1995-1997 Three Year Truck Crash Rates (Metric)

RURAL STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	2,999	3,273	2,324	8,596	1,297	9,893
FATAL CRASHES	48	107	70	225	24	249
NON-FATAL INJURY CRASHES	999	1,382	1,040	3,421	526	3,947
NIGHT CRASHES	1,035	764	531	2,330	289	2,619
WET CRASHES	562	633	435	1,630	231	1,861
PERCENT FATAL CRASHES	1.60%	3.27%	3.01%	2.62%	1.85%	2.52%
PERCENT NON-FATAL INJURY CRASHES	33.31%	42.22%	44.75%	39.80%	40.56%	39.90%
PERCENT NIGHT CRASHES	34.51%	23.34%	22.85%	27.11%	22.28%	26.47%
PERCENT WET CRASHES	18.74%	19.34%	18.72%	18.96%	17.81%	18.81%
KILOMETERS OF ROAD	1,267	6,886	11,047	19,201	95,669	114,870
AVERAGE DAILY TRAFFIC	29,500	7,300	3,400	6,500	500	1,500
TRAVEL (100MKM) (1)	409.31	550.46	411.29	1,366.62	523.79	1,886.74
TOTAL CRASH RATE (2)	7.33	5.95	5.55	6.29	2.48	5.24
FATAL CRASH RATE (2)	0.12	0.19	0.17	0.16	0.05	0.13
NON-FATAL INJURY CRASH RATE (2)	2.44	2.51	2.53	2.50	1.00	2.09
NIGHT CRASH RATE (2)	2.53	1.39	1.29	1.70	0.55	1.39
WET CRASH RATE (2)	1.37	1.15	1.06	1.19	0.44	0.99
SEVERITY INDEX (3)	7.18	10.75	10.35	6.36	9.96	9.47

URBAN STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	2,305	2,320	909	5,534	717	3,939	10,190
FATAL CRASHES	13	24	6	43	4	28	75
NON-FATAL INJURY CRASHES	744	733	271	1,748	164	967	2,879
NIGHT CRASHES	568	370	110	1,048	76	570	1,894
WET CRASHES	427	438	130	995	107	682	1,784
PERCENT FATAL CRASHES	0.56%	1.03%	0.66%	0.78%	0.56%	0.71%	0.74%
PERCENT NON-FATAL INJURY CRASHES	32.28%	31.59%	29.81%	31.59%	22.87%	24.55%	28.25%
PERCENT NIGHT CRASHES	24.64%	15.95%	12.10%	18.94%	10.60%	14.47%	16.62%
PERCENT WET CRASHES	18.52%	18.88%	14.30%	17.98%	14.92%	17.31%	17.51%
KILOMETERS OF ROAD	294	2,018	1,666	3,978	5,742	25,667	35,387
AVERAGE DAILY TRAFFIC	57,400	15,300	9,800	16,100	4,400	1,000	3,403
TRAVEL (100MVM) (1)	184.87	338.01	178.76	701.22	276.68	281.06	1,258.93
TOTAL CRASH RATE (2)	12.47	8.86	5.09	7.89	2.59	14.01	8.09
FATAL CRASH RATE (2)	0.07	0.07	0.03	0.06	0.01	0.10	0.06
NON-FATAL INJURY CRASH RATE (2)	4.02	2.17	1.32	2.49	0.59	3.44	2.29
NIGHT CRASH RATE (2)	3.07	1.09	0.82	1.49	0.27	2.03	1.35
WET CRASH RATE (2)	2.31	1.30	0.73	1.42	0.39	2.43	1.42
SEVERITY INDEX (3)	6.12	6.61	6.35	6.36	4.09	3.69	5.17

ALL STATE HIGHWAYS

ITEMS	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD (4)	NON-SYSTEM	TOTAL
TOTAL CRASHES	5,304	5,593	3,233	14,130	2,014	92,916	109,060
FATAL CRASHES	61	131	76	288	28	328	624
NON-FATAL INJURY CRASHES	1,743	2,115	1,311	5,169	690	38,381	42,240
NIGHT CRASHES	1,603	1,134	841	3,378	365	21,990	25,723
WET CRASHES	989	1,071	565	2,625	338	16,719	21,682
PERCENT FATAL CRASHES	1.15%	2.34%	2.35%	1.30%	1.39%	0.35%	0.57%
PERCENT NON-FATAL INJURY CRASHES	32.86%	37.82%	40.55%	36.58%	34.26%	39.15%	38.73%
PERCENT NIGHT CRASHES	30.22%	20.28%	19.83%	23.91%	18.12%	23.66%	23.59%
PERCENT WET CRASHES	18.65%	19.15%	17.48%	18.58%	16.78%	20.15%	19.88%
KILOMETERS OF ROAD	1,562	8,904	12,713	23,178	101,411	25,667	150,257
AVERAGE DAILY TRAFFIC	34,700	9,100	4,300	8,100	700	1,000	3,403
TRAVEL (100MVM) (1)	593.63	887.26	596.58	2,055.80	777.32	281.06	3,114.17
TOTAL CRASH RATE (2)	28.69	16.55	18.09	20.15	7.28	330.60	86.63
FATAL CRASH RATE (2)	0.33	0.39	0.43	0.38	0.10	1.17	0.50
NON-FATAL INJURY CRASH RATE (2)	9.43	6.26	7.33	7.37	2.49	129.44	33.55
NIGHT CRASH RATE (2)	8.67	3.35	3.59	4.82	1.32	78.20	20.43
WET CRASH RATE (2)	5.35	3.17	3.16	3.74	1.22	66.60	17.22
SEVERITY INDEX (3)	6.72	9.03	9.22	8.21	7.87	3.29	7.29

- (1) ESTIMATED VALUE
(2) ACCIDENT RATES ARE IN ACCIDENTS PER 100 MILLION VEHICLE KILOMETERS OF TRAVEL
(3) SEVERITY INDEX = $76.8 \cdot (F+A) + 8.4 \cdot (B+C) + \text{PDOV} / \text{TOTAL CRASHES}$
(4) INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES.

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL INTERSTATE ROUTES						
ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS						
TOTAL	1,267	7.33	0.12	2.44	2.53	1.37
	1,267	7.33	0.12	2.44	2.53	1.37

URBAN INTERSTATE ROUTES						
ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS						
TOTAL	294	12.47	0.07	4.02	3.07	2.31
	294	12.47	0.07	4.02	3.07	2.31

ALL INTERSTATE ROUTES						
ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED						
3 LANES UNDIVIDED						
4 OR MORE LANES UNDIVIDED						
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS						
PARTIAL CONTROL ACCESS						
FULL CONTROL ACCESS						
TOTAL	1,561	28.69	0.33	9.43	8.67	5.35
	1,561	28.69	0.33	9.43	8.67	5.35

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL UNITED STATES ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	4,826	7.08	0.27	3.04	1.58	1.39
3 LANES UNDIVIDED	58	5.72	0.29	0.06	0.88	0.73
4 OR MORE LANES UNDIVIDED	339	4.76	0.04	0.30	0.92	0.97
4 OR MORE LANES W/CONT. LEFT TURN LANE*	7	5.24	0.00	0.01	1.50	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	843	5.95	0.18	2.63	1.44	1.08
PARTIAL CONTROL ACCESS	411	4.60	0.12	1.84	1.26	0.91
FULL CONTROL ACCESS	403	3.32	1.07	1.28	1.01	0.69
TOTAL	6,386	5.95	0.19	2.59	1.31	1.08

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	888	8.06	0.15	2.53	1.15	1.39
3 LANES UNDIVIDED*	8	7.94	0.00	3.53	0.00	0.01
4 OR MORE LANES UNDIVIDED	446	5.60	0.04	1.72	0.65	1.00
4 OR MORE LANES W/CONT. LEFT TURN LANE	20	10.92	0.00	2.60	0.78	0.09
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	402	7.27	0.05	2.43	1.23	1.55
PARTIAL CONTROL ACCESS	127	7.02	0.03	2.20	1.46	0.53
FULL CONTROL ACCESS	127	5.55	0.05	1.67	1.38	0.59
TOTAL	2,018	6.86	0.07	2.17	1.30	1.09

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,714	7.28	0.24	2.90	1.47	1.38
3 LANES UNDIVIDED	66	6.04	0.25	2.39	0.75	0.75
4 OR MORE LANES UNDIVIDED	785	5.30	0.04	1.73	0.74	0.99
4 OR MORE LANES W/CONT. LEFT TURN LANE	26	9.46	0.00	2.51	0.96	1.54
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,245	6.53	0.12	2.53	1.34	1.24
PARTIAL CONTROL ACCESS	538	5.44	0.07	1.97	1.33	1.10
FULL CONTROL ACCESS	530	4.21	0.09	1.43	1.16	0.90
TOTAL	8,904	6.32	0.15	2.39	1.21	1.28

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
* RATES ARE NOT STATISTICALLY SIGNIFICANT

1995-1997 Three Year Truck Crash Rates
By Road System, Type and Control
Truck Crash Rate per 100 Million Vehicle Kilometers Traveled

RURAL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	10,792	5.78	0.18	2.59	1.31	1.08
3 LANES UNDIVIDED	22	15.30	0.00	7.06	3.53	3.53
4 OR MORE LANES UNDIVIDED	82	8.20	0.21	3.09	2.02	1.49
4 OR MORE LANES W/CONT. LEFT TURN LANE*	0.2	0.00	0.00	0.00	0.00	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	108	2.14	0.06	1.10	0.46	0.46
PARTIAL CONTROL ACCESS	31	2.58	0.00	1.03	0.77	0.26
FULL CONTROL ACCESS*	13	1.14	0.00	0.76	0.38	0.00
TOTAL	11,047	5.55	0.17	2.53	1.06	1.29

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,266	5.53	0.05	1.73	0.62	0.80
3 LANES UNDIVIDED*	8	3.71	0.00	0.93	0.93	0.00
4 OR MORE LANES UNDIVIDED	247	4.46	0.02	1.03	0.65	0.53
4 OR MORE LANES W/CONT. LEFT TURN LANE*	8	3.36	0.00	0.00	0.00	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	109	5.91	0.00	2.04	0.70	0.96
PARTIAL CONTROL ACCESS*	14	0.88	0.00	0.44	0.00	0.22
FULL CONTROL ACCESS*	13	0.59	0.00	0.00	0.23	0.00
TOTAL	1,666	5.09	0.03	1.52	0.73	0.62

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	12,058	7.28	0.24	2.90	1.47	1.38
3 LANES UNDIVIDED	29	6.04	0.25	2.39	0.75	0.75
4 OR MORE LANES UNDIVIDED	329	5.30	0.04	1.73	0.74	0.99
4 OR MORE LANES W/CONT. LEFT TURN LANE*	8	9.46	0.00	2.51	0.95	1.54
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	216	6.53	0.12	2.53	1.34	1.24
PARTIAL CONTROL ACCESS	45	5.44	0.07	1.97	1.33	1.10
FULL CONTROL ACCESS	26	4.21	0.09	1.43	1.16	0.90
TOTAL	12,713	5.53	0.13	2.24	0.97	1.10

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1995-1997 Three Year Truck Crash Rates
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RURAL PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	15,618	6.31	0.21	2.78	1.42	1.21
3 LANES UNDIVIDED	79	6.78	0.26	2.74	1.17	1.04
4 OR MORE LANES UNDIVIDED	420	5.36	0.07	1.99	1.11	1.06
4 OR MORE LANES W/CONT. LEFT TURN LANE	7	5.14	0.00	2.20	1.47	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	951	5.44	0.16	2.42	1.31	1.00
PARTIAL CONTROL ACCESS	442	4.47	0.08	1.79	1.23	0.87
FULL CONTROL ACCESS	1,683	6.76	0.12	2.28	1.27	2.32
TOTAL	19,201	6.29	0.16	2.50	1.70	1.19

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	2,154	6.67	0.10	2.09	0.86	1.07
3 LANES UNDIVIDED	16	5.88	0.00	2.26	0.45	0.45
4 OR MORE LANES UNDIVIDED	693	5.22	0.03	1.49	0.55	0.86
4 OR MORE LANES W/CONT. LEFT TURN LANE	28	9.13	0.00	1.99	0.60	1.59
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	511	6.99	0.04	2.35	1.13	1.34
PARTIAL CONTROL ACCESS	141	6.23	0.03	1.97	1.27	1.30
FULL CONTROL ACCESS	434	11.01	0.07	3.53	2.07	2.72
TOTAL	3,978	7.89	0.06	2.49	1.42	1.49

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	17,772	6.39	0.19	2.62	1.30	1.18
3 LANES UNDIVIDED	95	6.56	0.20	2.63	1.01	0.91
4 OR MORE LANES UNDIVIDED	1,114	5.26	0.04	1.63	0.79	0.92
4 OR MORE LANES W/CONT. LEFT TURN LANE	34	8.28	0.00	2.03	0.78	1.25
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,461	6.17	0.11	2.39	1.22	1.16
PARTIAL CONTROL ACCESS	584	5.11	0.06	1.86	1.24	1.03
FULL CONTROL ACCESS	2,117	9.14	0.10	2.68	2.41	1.56
TOTAL	23,173	6.83	0.13	2.50	1.63	1.27

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1995-1997 Three Year Truck Crash Rates
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RURAL SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	95,530	2.41	0.05	0.99	0.53	0.43
3 LANES UNDIVIDED*	5	3.71	0.00	1.86	1.86	0.00
4 OR MORE LANES UNDIVIDED	80	2.26	0.00	0.69	0.79	0.30
4 OR MORE LANES W/CONT. LEFT TURN LANE*	4	6.85	0.00	0.00	2.28	2.28
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	24	1.84	0.00	0.92	0.92	0.00
PARTIAL CONTROL ACCESS*	4	1.30	0.00	0.00	0.00	0.00
FULL CONTROL ACCESS	22	0.15	0.00	0.00	0.00	0.00
TOTAL	95,669	2.48	0.05	1.00	0.55	0.44

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,111	2.80	0.02	0.66	0.42	0.32
3 LANES UNDIVIDED	36	3.49	0.00	1.00	0.00	0.25
4 OR MORE LANES UNDIVIDED	446	2.36	0.00	0.53	0.40	0.22
4 OR MORE LANES W/CONT. LEFT TURN LANE	28	1.40	0.00	0.14	0.14	0.14
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	90	2.83	0.00	0.44	0.36	0.15
PARTIAL CONTROL ACCESS	18	1.35	0.00	0.45	0.00	0.45
FULL CONTROL ACCESS*	14	0.45	0.00	0.00	0.22	0.00
TOTAL	5,742	2.59	0.01	0.59	0.27	0.39

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	100,640	2.65	0.04	0.95	0.50	0.45
3 LANES UNDIVIDED	42	3.53	0.00	1.10	0.44	0.00
4 OR MORE LANES UNDIVIDED	526	2.34	0.00	0.55	0.29	0.38
4 OR MORE LANES W/CONT. LEFT TURN LANE	32	1.72	0.00	0.13	0.26	0.26
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	114	2.70	0.00	0.50	0.25	0.31
PARTIAL CONTROL ACCESS	22	1.34	0.00	0.38	0.38	0.00
FULL CONTROL ACCESS	36	0.27	0.00	0.00	0.00	0.09
TOTAL	101,411	2.52	0.03	0.85	0.46	0.42

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