

1998
Estimated Crash Cost
And
1996-1998
Statewide Crash Rates
For
North Carolina

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1998 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 for 1998 and the changes in average injuries per reported crash in North Carolina for 1996 through 1998. 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 1998 Dollars	Comprehensive Cost Estimated 1998 Dollars
Fatal Crash	\$1,110,000	\$3,500,000
A injury Crash	\$85,000	\$278,000
B Injury Crash	\$32,000	\$75,000
C Injury Crash	\$19,000	\$37,000
Property Damage Only Crash	\$3,100	\$3,100
Average Crash	\$24,000	\$52,000
Non-Fatal Injury Crash	\$27,000	\$66,000

**1996-1998 Three-Year
Statewide Crash Rates
English Units**

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
1996-1998 Three Year Crash Rates

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	17,150	53,621	56,838	127,609	87,151	214,760
FATAL CRASHES	205	661	719	1,585	897	2,482
NON-FATAL INJURY CRASHES	6,228	24,130	25,582	55,940	37,850	93,790
NIGHT CRASHES	5,304	15,628	18,591	39,523	31,124	70,647
WET CRASHES	3,722	11,130	11,609	26,461	17,450	43,911
PERCENT FATAL CRASHES	1.20%	1.23%	1.26%	1.24%	1.03%	1.16%
PERCENT NON-FATAL INJURY CRASHES	36.31%	45.00%	45.01%	43.84%	43.43%	43.67%
PERCENT NIGHT CRASHES	30.93%	29.15%	32.71%	30.97%	35.71%	32.90%
PERCENT WET CRASHES	21.70%	20.76%	20.42%	20.74%	20.02%	20.45%
MILES OF ROAD	788	4,280	6,866	11,933	59,459	71,392
AVERAGE DAILY TRAFFIC TRAVEL (100MVM) (1)	29,500	7,300	3,400	6,500	500	1,500
TOTAL CRASH RATE (2)	67.42	156.73	222.35	150.24	267.71	183.15
FATAL CRASH RATE (2)	0.81	1.93	2.81	1.87	2.76	2.12
NON-FATAL INJURY CRASH RATE (2)	24.48	70.53	100.08	65.86	116.27	79.98
NIGHT CRASH RATE (2)	20.85	45.68	72.73	46.53	95.61	60.25
WET CRASH RATE (2)	14.63	32.53	45.42	31.15	53.60	37.45
SEVERITY INDEX (3)	7.30	11.32	11.24	10.75	9.60	10.28

ITEMS	URBAN STATE HIGHWAYS						TOTAL URBAN
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	
TOTAL CRASHES	18,808	56,065	33,570	108,443	46,305	222,364	377,112
FATAL CRASHES	85	195	98	378	108	914	1,400
NON-FATAL INJURY CRASHES	6,786	23,592	14,000	44,378	18,797	85,606	148,781
NIGHT CRASHES	4,321	10,824	6,539	21,684	9,225	58,023	88,932
WET CRASHES	4,335	12,015	6,998	23,348	9,501	41,951	74,800
PERCENT FATAL CRASHES	0.45%	0.35%	0.29%	0.35%	0.23%	0.41%	0.37%
PERCENT NON-FATAL INJURY CRASHES	36.08%	42.08%	41.70%	40.92%	40.59%	38.50%	39.45%
PERCENT NIGHT CRASHES	22.97%	19.31%	19.48%	20.00%	19.92%	26.09%	23.58%
PERCENT WET CRASHES	23.05%	21.43%	20.85%	21.53%	20.52%	18.87%	19.83%
MILES OF ROAD	183	1,254	1,035	2,472	3,569	15,952	21,993
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)	163.70	266.88	302.16	248.83	269.30	1,272.99	481.98
FATAL CRASH RATE (2)	0.74	0.93	0.88	0.87	0.63	5.23	1.79
NON-FATAL INJURY CRASH RATE (2)	59.06	112.30	126.01	101.83	109.32	490.08	190.15
NIGHT CRASH RATE (2)	37.61	51.52	58.86	49.76	53.65	332.17	113.66
WET CRASH RATE (2)	37.73	57.19	62.99	53.57	55.26	240.16	95.60
SEVERITY INDEX (3)	6.41	6.55	5.92	6.33	4.48	3.93	4.69

ITEMS	ALL STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL System
TOTAL CRASHES	35,958	109,686	90,408	236,052	133,456	222,364	591,872
FATAL CRASHES	290	856	817	1,963	1,005	914	3,882
NON-FATAL INJURY CRASHES	13,014	47,722	39,582	100,318	56,547	85,606	242,571
NIGHT CRASHES	9,625	26,452	25,130	61,207	40,349	58,023	159,579
WET CRASHES	8,057	23,145	18,607	49,809	26,951	41,951	118,711
PERCENT FATAL CRASHES	0.81%	0.78%	0.90%	0.83%	0.75%	0.41%	0.66%
PERCENT NON-FATAL INJURY CRASHES	36.19%	43.51%	43.78%	42.50%	42.45%	38.50%	40.96%
PERCENT NIGHT CRASHES	26.77%	24.12%	27.80%	25.93%	30.23%	26.09%	26.96%
PERCENT WET CRASHES	22.41%	21.10%	20.58%	21.10%	20.19%	18.87%	20.06%
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)	97.37	198.64	246.53	183.67	268.26	1,272.99	302.74
FATAL CRASH RATE (2)	0.79	1.55	2.23	1.53	2.02	5.23	1.99
NON-FATAL INJURY CRASH RATE (2)	35.24	86.42	107.94	78.06	113.87	490.08	124.07
NIGHT CRASH RATE (2)	26.06	47.90	68.53	47.63	81.11	332.17	81.62
WET CRASH RATE (2)	21.82	41.91	50.74	38.76	54.17	240.16	60.72
SEVERITY INDEX (3)	6.83	8.88	9.27	8.72	7.82	3.93	6.72

(1) ESTIMATED VALUE

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

(3) SEVERITY INDEX = (76.8*(F+A) + 8.4*(B+C) + PDO)/ TOTAL CRASHES

1996-1998 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	67.42	0.81	24.48	20.85	14.63
TOTAL	788	67.42	0.81	24.48	20.85	14.63

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	163.70	0.74	59.06	37.61	37.73
TOTAL	183	163.70	0.74	59.06	37.61	37.73

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	97.37	0.79	35.24	26.06	21.82
TOTAL	971	97.37	0.79	35.24	26.06	21.82

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1996-1998 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	193.93	2.60	88.37	57.28	40.72
3 LANES UNDIVIDED	36	184.87	2.12	2.05	39.85	31.83
4 OR MORE LANES UNDIVIDED	211	176.80	1.45	13.58	44.82	35.53
4+ LANES CONT. LEFT TURN LANE*	4	151.85	1.21	0.39	37.36	20.49
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	524	137.11	1.50	61.45	39.07	27.97
PARTIAL CONTROL ACCESS	256	93.83	1.11	42.26	28.36	18.55
FULL CONTROL ACCESS	250	76.75	17.69	29.79	26.27	17.49
TOTAL	4,280	156.73	1.93	102.74	75.25	46.61

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	552	290.84	1.10	120.35	52.76	57.61
3 LANES UNDIVIDED*	5	208.54	1.42	95.05	38.30	0.48
4 OR MORE LANES UNDIVIDED	277	322.41	0.74	138.22	60.02	69.53
4+ LANES CONT. LEFT TURN LANE	12	470.97	0.84	203.28	89.09	4.70
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	250	271.07	0.95	115.41	54.37	62.78
PARTIAL CONTROL ACCESS	79	193.19	1.15	81.87	40.65	17.12
FULL CONTROL ACCESS	79	130.50	0.74	49.76	29.93	16.30
TOTAL	1,254	266.88	0.93	112.30	57.19	51.52

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,551	216.47	2.23	95.70	55.93	44.61
3 LANES UNDIVIDED	41	188.47	2.02	81.79	39.68	32.39
4 OR MORE LANES UNDIVIDED	488	271.79	0.98	118.17	54.68	57.53
4+ LANES CONT. LEFT TURN LANE	16	388.75	0.93	170.77	75.76	81.97
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	774	196.86	1.25	85.50	45.86	41.38
PARTIAL CONTROL ACCESS	335	128.31	1.10	56.00	32.62	28.37
FULL CONTROL ACCESS	329	98.14	0.91	37.73	27.74	23.83
TOTAL	5,534	199.51	1.56	86.80	42.10	48.11

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

1996-1998 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	228.87	2.93	102.74	75.25	46.61
3 LANES UNDIVIDED	13	274.50	3.79	130.63	92.76	77.62
4 OR MORE LANES UNDIVIDED	51	230.68	2.40	107.80	64.27	48.67
4+ LANES CONT. LEFT TURN LANE*	0.1	303.00	0.00	60.60	181.80	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	67	112.21	0.93	52.76	34.65	24.52
PARTIAL CONTROL ACCESS	19	101.59	0.41	47.27	36.07	17.00
FULL CONTROL ACCESS	8	60.46	1.83	32.37	10.99	15.27
TOTAL	6,866	222.35	2.81	100.08	45.42	72.73

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	787	307.89	0.89	124.94	59.97	62.35
3 LANES UNDIVIDED*	5	340.61	0.00	118.02	74.69	83.66
4 OR MORE LANES UNDIVIDED	154	288.04	1.05	127.15	52.96	59.61
4+ LANES CONT. LEFT TURN LANE*	5	356.69	0.00	114.84	37.83	72.96
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	68	367.46	0.77	159.22	76.71	83.49
PARTIAL CONTROL ACCESS	9	52.13	0.35	23.05	14.89	11.70
FULL CONTROL ACCESS	8	139.85	0.37	53.13	32.84	36.53
TOTAL	1,035	302.16	0.88	126.01	62.99	58.86

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,494	216.47	2.23	95.70	55.93	44.61
3 LANES UNDIVIDED*	18	188.47	2.02	81.79	39.68	32.39
4 OR MORE LANES UNDIVIDED	205	271.79	0.98	118.17	54.68	57.53
4+ LANES CONT. LEFT TURN LANE*	5	388.75	0.93	170.77	75.76	81.97
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	135	196.86	1.25	85.50	45.86	41.38
PARTIAL CONTROL ACCESS	28	128.31	1.10	56.00	32.62	28.37
FULL CONTROL ACCESS	16	98.14	0.91	37.73	27.74	23.83
TOTAL	7,901	248.96	2.25	109.00	51.24	69.20

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

1996-1998 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	261.86	2.71	113.64	94.06	52.39
3 LANES UNDIVIDED*	4	241.95	2.99	101.56	77.66	47.79
4 OR MORE LANES UNDIVIDED	50	237.83	1.74	106.72	62.55	49.72
4+ LANES CONT. LEFT TURN LANE*	2	1,013.90	3.67	462.87	290.21	213.07
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	15	87.88	1.48	42.09	25.11	17.72
PARTIAL CONTROL ACCESS*	2	16.68	0.00	8.34	8.34	2.08
FULL CONTROL ACCESS	14	10.32	0.00	3.75	2.35	1.41
TOTAL	59,459	267.71	2.76	116.27	95.61	53.60

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,176	262.91	0.66	105.70	51.86	53.85
3 LANES UNDIVIDED	22	349.28	0.40	133.94	52.53	58.95
4 OR MORE LANES UNDIVIDED	277	305.23	0.66	131.00	66.77	56.46
4+ LANES CONT. LEFT TURN LANE	18	247.54	0.45	64.09	50.09	48.06
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	56	306.28	0.35	124.67	72.39	66.43
PARTIAL CONTROL ACCESS	11	153.25	1.08	60.36	37.59	33.98
FULL CONTROL ACCESS*	8	26.66	0.00	9.01	6.49	5.77
TOTAL	3,569	269.30	0.63	109.32	53.65	55.26

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	62,548	276.12	2.32	117.62	88.53	55.05
3 LANES UNDIVIDED	26	338.02	0.71	130.67	61.43	52.19
4 OR MORE LANES UNDIVIDED	327	295.37	0.80	127.37	57.04	64.31
4+ LANES CONT. LEFT TURN LANE	20	292.13	0.64	87.23	62.13	59.57
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	71	276.99	0.51	113.61	60.90	65.05
PARTIAL CONTROL ACCESS	14	133.34	0.93	52.78	30.25	32.41
FULL CONTROL ACCESS	22	16.77	0.00	5.83	3.70	3.41
TOTAL	63,028	268.26	2.02	113.87	81.11	54.17

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

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1996-1998 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	214.50	2.80	96.83	67.86	44.18
3 LANES UNDIVIDED	49	194.80	2.31	85.13	45.71	36.90
4 OR MORE LANES UNDIVIDED	261	186.19	1.61	85.35	48.21	37.82
4+ LANES CONT. LEFT TURN LANE*	4	154.79	1.18	76.81	40.18	20.09
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	591	133.79	1.42	60.29	38.48	27.51
PARTIAL CONTROL ACCESS	275	94.31	1.04	42.57	28.84	18.46
FULL CONTROL ACCESS	1,046	68.61	0.84	25.23	15.01	21.51
TOTAL	11,933	150.24	1.87	65.86	46.53	31.15

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,339	300.18	0.99	122.87	56.71	60.21
3 LANES UNDIVIDED	10	272.87	0.73	106.24	56.03	58.94
4 OR MORE LANES UNDIVIDED	431	310.90	0.84	134.51	57.65	66.01
4+ LANES CONT. LEFT TURN LANE	17	443.95	0.64	182.37	76.97	96.14
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	317	290.43	0.91	124.21	58.86	63.14
PARTIAL CONTROL ACCESS	88	175.14	1.04	74.34	37.35	42.34
FULL CONTROL ACCESS	270	157.31	0.73	57.29	36.94	36.14
TOTAL	2,472	248.83	0.87	101.83	53.57	49.76

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,046	233.83	2.39	102.71	65.34	47.80
3 LANES UNDIVIDED	59	212.26	1.95	89.85	48.02	41.83
4 OR MORE LANES UNDIVIDED	692	273.90	1.07	119.92	54.85	57.65
4+ LANES CONT. LEFT TURN LANE	21	382.43	0.75	159.91	69.14	79.95
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	908	207.18	1.18	90.24	48.03	44.21
PARTIAL CONTROL ACCESS	363	123.72	1.04	54.13	31.94	27.15
FULL CONTROL ACCESS	1,316	97.51	0.80	35.67	25.53	22.90
TOTAL	14,405	183.67	1.53	78.06	47.63	38.76

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

**1996-1998 Three-Year
Statewide Truck Crash Rates
English Units**

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
1996-1998 Three Year Crash Rates

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	3,054	3,286	2,244	8,584	1,320	9,904
FATAL CRASHES	46	131	78	257	27	284
NON-FATAL INJURY CRASHES	1,015	1,392	1,009	3,416	516	3,932
NIGHT CRASHES	1,001	786	488	2,275	290	2,565
WET CRASHES	590	645	413	1,648	221	1,869
PERCENT FATAL CRASHES	1.57%	3.99%	3.48%	2.99%	2.05%	2.87%
PERCENT NON-FATAL INJURY CRASHES	33.24%	42.36%	44.96%	39.79%	39.09%	39.70%
PERCENT NIGHT CRASHES	32.78%	23.92%	21.75%	26.50%	21.97%	25.90%
PERCENT WET CRASHES	19.32%	19.63%	18.40%	19.20%	16.74%	18.87%
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	849.36	325.54	1,172.62
TOTAL CRASH RATE (2)	12.01	9.60	8.78	10.11	4.05	8.45
FATAL CRASH RATE (2)	0.19	0.38	0.31	0.30	0.08	0.24
NON-FATAL INJURY CRASH RATE (2)	3.99	4.07	3.95	4.02	1.59	3.35
NIGHT CRASH RATE (2)	3.93	2.30	1.91	2.68	0.89	2.19
WET CRASH RATE (2)	2.32	1.89	1.62	1.94	0.68	1.59
SEVERITY INDEX (3)	7.30	11.30	11.20	9.85	9.60	9.82

ITEMS	URBAN STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM TOTAL URBAN
TOTAL CRASHES	2,353	2,227	900	5,480	734	3,994
FATAL CRASHES	15	25	6	46	5	33
NON-FATAL INJURY CRASHES	792	740	265	1,797	172	1,015
NIGHT CRASHES	606	356	126	1,088	80	604
WET CRASHES	456	422	131	1,009	109	688
PERCENT FATAL CRASHES	0.64%	1.12%	0.67%	0.84%	0.68%	0.83%
PERCENT NON-FATAL INJURY CRASHES	33.66%	33.23%	29.44%	32.79%	23.43%	25.41%
PERCENT NIGHT CRASHES	25.75%	15.99%	14.00%	19.85%	10.90%	15.12%
PERCENT WET CRASHES	19.38%	18.95%	14.56%	18.41%	14.85%	17.23%
MILES OF ROAD	183	1,254	1,035	2,472	3,589	15,952
AVERAGE DAILY TRAFFIC	57,400	15,300	9,800	16,100	4,400	1,000
TRAVEL (100MM) (1)	114.90	210.08	111.10	435.81	171.94	174.68
TOTAL CRASH RATE (2)	20.48	10.60	8.10	12.57	4.27	22.86
FATAL CRASH RATE (2)	0.13	0.12	0.05	0.11	0.03	0.19
NON-FATAL INJURY CRASH RATE (2)	6.89	3.52	2.39	4.12	1.00	5.81
NIGHT CRASH RATE (2)	5.27	1.89	1.13	2.50	0.47	3.46
WET CRASH RATE (2)	3.97	2.01	1.18	2.32	0.63	3.94
SEVERITY INDEX (3)	6.41	6.64	6.09	6.45	4.48	3.93

ITEMS	ALL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM TOTAL System
TOTAL CRASHES	5,407	5,513	3,144	14,064	2,054	3,994
FATAL CRASHES	63	156	84	303	32	33
NON-FATAL INJURY CRASHES	1,807	2,132	1,274	5,213	688	1,015
NIGHT CRASHES	1,807	1,142	614	3,363	370	604
WET CRASHES	1,046	1,067	544	2,657	330	688
PERCENT FATAL CRASHES	1.17%	2.83%	2.67%	2.15%	1.56%	0.83%
PERCENT NON-FATAL INJURY CRASHES	33.42%	38.67%	40.52%	37.07%	33.50%	25.41%
PERCENT NIGHT CRASHES	29.72%	20.71%	19.53%	23.91%	18.01%	15.12%
PERCENT WET CRASHES	19.35%	19.35%	17.30%	18.89%	16.07%	17.23%
MILES OF ROAD	971	5,534	7,901	14,405	63,028	15,952
AVERAGE DAILY TRAFFIC	34,700	9,100	4,300	8,100	700	1,000
TRAVEL (100MM) (1)	368.95	551.44	372.02	1,277.69	483.11	174.68
TOTAL CRASH RATE (2)	14.64	9.98	8.57	10.94	4.13	22.86
FATAL CRASH RATE (2)	0.17	0.28	0.23	0.24	0.06	0.19
NON-FATAL INJURY CRASH RATE (2)	4.89	3.86	3.47	4.06	1.38	5.81
NIGHT CRASH RATE (2)	4.35	2.07	1.67	2.62	0.74	3.46
WET CRASH RATE (2)	2.83	1.93	1.48	2.07	0.66	3.94
SEVERITY INDEX (3)	6.91	9.42	9.74	8.53	7.77	3.93

(1) ESTIMATED VALUE

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

(3) SEVERITY INDEX = (76.8*(F+A) + 8.4*(B+C) + PDO) / TOTAL CRASHES

1996-1998 Three Year Truck 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	12.01	0.19	3.99	3.93	2.32
TOTAL	788	12.01	0.19	3.99	3.93	2.32

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	20.48	0.13	6.89	5.27	3.97
TOTAL	183	20.48	0.13	6.89	5.27	3.97

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	14.64	0.17	4.89	4.35	2.83
TOTAL	971	14.64	0.17	4.89	4.35	2.83

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1996-1998 Three Year Truck 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	11.19	0.53	4.81	2.59	2.20
3 LANES UNDIVIDED	36	8.96	0.47	0.08	1.41	1.18
4 OR MORE LANES UNDIVIDED	211	8.28	0.07	0.55	1.55	1.66
4+ LANES CONT. LEFT TURN LANE*	4	6.03	0.00	0.01	1.21	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	524	9.62	0.33	4.21	2.36	1.86
PARTIAL CONTROL ACCESS	256	7.26	0.25	3.05	2.05	1.27
FULL CONTROL ACCESS	250	6.21	1.93	2.36	1.82	1.46
TOTAL	4,280	9.60	0.38	4.06	1.96	1.67

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	552	11.22	0.21	3.69	1.64	2.05
3 LANES UNDIVIDED*	5	8.51	0.00	5.67	0.00	0.00
4 OR MORE LANES UNDIVIDED	277	8.90	0.06	2.77	1.17	1.58
4+ LANES CONT. LEFT TURN LANE	12	21.33	0.00	6.27	2.51	0.19
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	250	11.50	0.09	3.92	1.72	2.30
PARTIAL CONTROL ACCESS	79	12.18	0.16	4.32	2.60	0.95
FULL CONTROL ACCESS	79	8.66	0.12	2.93	2.11	0.95
TOTAL	1,254	10.60	0.12	3.52	2.01	1.69

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,551	11.15	0.45	4.52	2.35	2.15
3 LANES UNDIVIDED	41	8.91	0.40	3.44	1.21	1.01
4 OR MORE LANES UNDIVIDED	488	8.67	0.06	2.93	1.30	1.60
4+ LANES CONT. LEFT TURN LANE	16	17.39	0.00	5.28	2.17	3.10
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	774	10.44	0.22	4.08	2.07	1.98
PARTIAL CONTROL ACCESS	335	8.96	0.20	3.49	2.24	1.73
FULL CONTROL ACCESS	329	7.19	0.19	2.59	1.94	1.66
TOTAL	5,534	10.03	0.28	3.88	1.94	2.08

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

1996-1998 Three Year Truck 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	8.98	0.32	4.06	1.96	1.67
3 LANES UNDIVIDED	13	15.14	0.00	5.68	3.79	3.79
4 OR MORE LANES UNDIVIDED	51	11.48	0.34	4.11	2.06	1.89
4+ LANES 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	3.99	0.09	2.14	0.93	0.46
PARTIAL CONTROL ACCESS	19	4.98	0.00	1.66	0.83	0.83
FULL CONTROL ACCESS	8	2.44	0.00	0.61	0.61	0.00
TOTAL	6,866	8.78	0.31	3.95	1.62	1.91

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	787	8.91	0.06	2.84	1.18	1.40
3 LANES UNDIVIDED*	5	4.48	0.00	1.49	0.00	0.00
4 OR MORE LANES UNDIVIDED	154	6.39	0.04	1.35	1.20	0.79
4+ LANES CONT. LEFT TURN LANE*	5	9.46	0.00	1.35	0.00	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	68	10.07	0.07	3.01	1.33	1.26
PARTIAL CONTROL ACCESS	9	2.13	0.00	1.06	0.00	1.06
FULL CONTROL ACCESS	8	0.74	0.00	0.00	0.00	0.00
TOTAL	1,035	8.10	0.05	2.39	1.18	1.13

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,494	11.15	0.45	4.52	2.35	2.15
3 LANES UNDIVIDED*	18	8.91	0.40	3.44	1.21	1.01
4 OR MORE LANES UNDIVIDED	205	8.67	0.06	2.93	1.30	1.60
4+ LANES CONT. LEFT TURN LANE*	5	17.39	0.00	5.28	2.17	3.10
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	135	10.44	0.22	4.08	2.07	1.98
PARTIAL CONTROL ACCESS	28	8.96	0.20	3.49	2.24	1.73
FULL CONTROL ACCESS	16	7.19	0.19	2.59	1.94	1.66
TOTAL	7,901	8.66	0.23	3.51	1.50	1.69

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

1996-1998 Three Year Truck 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	9.89	0.41	4.37	2.22	1.89
3 LANES UNDIVIDED	49	9.65	0.42	3.35	1.68	1.47
4 OR MORE LANES UNDIVIDED	261	8.84	0.12	3.40	1.64	1.70
4+ LANES CONT. LEFT TURN LANE*	4	5.91	0.00	2.36	1.18	0.00
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	591	8.87	0.30	3.94	2.17	1.67
PARTIAL CONTROL ACCESS	275	7.11	0.21	2.96	1.97	1.25
FULL CONTROL ACCESS	1,046	11.19	0.19	3.76	2.19	3.64
TOTAL	11,933	10.11	0.30	4.02	2.68	1.94

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,339	9.95	0.13	3.22	1.38	1.69
3 LANES UNDIVIDED	10	6.55	0.00	3.64	0.00	0.00
4 OR MORE LANES UNDIVIDED	431	8.06	0.05	2.29	1.18	1.31
4+ LANES CONT. LEFT TURN LANE	17	18.52	0.00	5.11	1.92	3.19
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	317	11.21	0.08	3.74	1.64	1.95
PARTIAL CONTROL ACCESS	88	10.89	0.14	3.90	2.27	2.41
FULL CONTROL ACCESS	270	17.99	0.13	6.05	3.53	4.61
TOTAL	2,472	12.57	0.11	4.12	2.32	2.50

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,046	9.90	0.34	4.11	2.03	1.84
3 LANES UNDIVIDED	59	8.95	0.33	3.42	1.30	1.14
4 OR MORE LANES UNDIVIDED	692	8.29	0.07	2.62	1.32	1.43
4+ LANES CONT. LEFT TURN LANE	21	15.84	0.00	4.53	1.76	2.51
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	908	9.96	0.20	3.84	1.92	1.80
PARTIAL CONTROL ACCESS	363	8.49	0.18	3.30	2.08	1.67
FULL CONTROL ACCESS	1,316	13.40	0.17	4.50	3.92	2.66
TOTAL	14,405	10.94	0.24	4.06	2.62	2.07

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

1996-1998 Three Year Truck 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	3.95	0.08	1.56	0.86	0.67
3 LANES UNDIVIDED*	4	2.99	0.00	0.00	0.00	0.00
4 OR MORE LANES UNDIVIDED	50	3.96	0.00	1.43	1.11	0.32
4+ LANES CONT. LEFT TURN LANE*	2	14.69	0.00	0.00	3.67	3.67
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	15	1.48	0.00	0.00	0.74	0.00
PARTIAL CONTROL ACCESS*	2	2.08	0.00	0.00	0.00	0.00
FULL CONTROL ACCESS	14	0.47	0.00	0.23	0.00	0.00
TOTAL	59,459	4.05	0.08	1.59	0.89	0.68

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,176	4.38	0.05	1.00	0.70	0.52
3 LANES UNDIVIDED	22	5.21	0.00	0.80	0.00	0.40
4 OR MORE LANES UNDIVIDED	277	4.29	0.00	1.16	0.62	0.40
4+ LANES CONT. LEFT TURN LANE	18	2.26	0.00	0.23	0.23	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	56	5.85	0.00	1.17	0.70	0.47
PARTIAL CONTROL ACCESS	11	1.81	0.00	0.72	0.00	0.72
FULL CONTROL ACCESS*	8	1.08	0.00	0.00	0.36	0.00
TOTAL	3,569	4.27	0.03	1.00	0.47	0.63

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	62,548	4.28	0.08	1.49	0.82	0.71
3 LANES UNDIVIDED	26	4.97	0.00	0.71	0.36	0.00
4 OR MORE LANES UNDIVIDED	327	4.23	0.00	1.19	0.49	0.58
4+ LANES CONT. LEFT TURN LANE	20	2.98	0.00	0.21	0.21	0.43
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	71	5.26	0.00	1.01	0.51	0.61
PARTIAL CONTROL ACCESS	14	1.85	0.00	0.62	0.62	0.00
FULL CONTROL ACCESS	22	0.71	0.00	0.14	0.00	0.14
TOTAL	63,028	4.13	0.06	1.38	0.74	0.66

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

**1996-1998 Three-Year
Statewide Crash Rates
Metric Units**

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
1996-1998 Three Year Crash Rates (Metric)

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	17,150	53,621	56,838	127,609	87,151	214,760
FATAL CRASHES	205	661	719	1,585	897	2,482
NON-FATAL INJURY CRASHES	6,228	24,130	25,582	55,940	37,850	93,790
NIGHT CRASHES	5,304	15,628	18,591	39,523	31,124	70,647
WET CRASHES	3,722	11,130	11,609	26,461	17,450	43,911
PERCENT FATAL CRASHES	1.20%	1.23%	1.26%	1.24%	1.03%	1.16%
PERCENT NON-FATAL INJURY CRASHES	36.31%	45.00%	45.01%	43.84%	43.43%	43.67%
PERCENT NIGHT CRASHES	30.93%	29.15%	32.71%	30.97%	35.71%	32.90%
PERCENT WET CRASHES	21.70%	20.75%	20.42%	20.74%	20.02%	20.45%
KILOMETERS OF ROAD	1,267	6,866	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)	41.90	97.41	138.19	93.38	166.39	113.83
FATAL CRASH RATE (2)	0.50	1.20	1.75	1.16	1.71	1.32
NON-FATAL INJURY CRASH RATE (2)	15.22	43.84	62.20	40.93	72.26	49.71
NIGHT CRASH RATE (2)	12.96	28.39	45.20	28.92	59.42	37.44
WET CRASH RATE (2)	9.09	20.22	28.23	19.36	33.31	23.27
SEVERITY INDEX (3)	7.30	11.32	11.24	10.75	9.60	10.28

ITEMS	URBAN STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	18,808	56,065	33,570	106,443	46,305	222,364	377,112
FATAL CRASHES	85	195	98	378	108	914	1,400
NON-FATAL INJURY CRASHES	6,786	23,592	14,000	44,378	18,797	85,606	148,781
NIGHT CRASHES	4,321	10,824	6,539	21,684	9,225	58,023	88,932
WET CRASHES	4,335	12,015	6,998	23,348	9,501	41,951	74,800
PERCENT FATAL CRASHES	0.45%	0.35%	0.29%	0.35%	0.23%	0.41%	0.37%
PERCENT NON-FATAL INJURY CRASHES	36.08%	42.08%	41.70%	40.92%	40.59%	38.50%	39.45%
PERCENT NIGHT CRASHES	22.97%	19.31%	19.48%	20.00%	19.92%	26.09%	23.58%
PERCENT WET CRASHES	23.05%	21.43%	20.85%	21.53%	20.52%	18.87%	19.83%
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 (100MYM) (1)	184.87	338.01	179.76	701.22	276.66	281.06	1,258.93
TOTAL CRASH RATE (2)	101.74	165.87	187.79	154.65	167.37	791.17	299.55
FATAL CRASH RATE (2)	0.46	0.58	0.55	0.54	0.39	3.25	1.11
NON-FATAL INJURY CRASH RATE (2)	36.71	69.80	78.32	63.29	67.94	304.59	118.18
NIGHT CRASH RATE (2)	23.37	32.02	36.58	30.92	33.34	206.45	70.64
WET CRASH RATE (2)	23.45	35.55	39.15	33.30	34.34	149.26	59.42
SEVERITY INDEX (3)	6.41	6.55	5.92	6.33	4.48	3.93	4.69

ITEMS	ALL STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	35,958	109,686	90,408	236,052	133,456	222,364	591,872
FATAL CRASHES	290	856	817	1,963	1,005	914	3,882
NON-FATAL INJURY CRASHES	13,014	47,722	39,582	100,318	56,647	85,606	242,571
NIGHT CRASHES	9,625	26,452	25,130	61,207	40,349	58,023	159,579
WET CRASHES	8,057	23,145	18,607	49,809	26,951	41,951	118,711
PERCENT FATAL CRASHES	0.81%	0.78%	0.90%	0.83%	0.75%	0.41%	0.66%
PERCENT NON-FATAL INJURY CRASHES	36.19%	43.51%	43.78%	42.50%	42.45%	38.50%	40.98%
PERCENT NIGHT CRASHES	26.77%	24.12%	27.80%	25.93%	30.23%	26.09%	26.96%
PERCENT WET CRASHES	22.41%	21.10%	20.58%	21.10%	20.19%	18.87%	20.06%
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 (100MYM) (1)	593.63	887.26	598.58	2,055.80	777.32	281.06	3,114.17
TOTAL CRASH RATE (2)	194.51	324.50	505.75	336.63	482.39	791.17	470.14
FATAL CRASH RATE (2)	1.57	2.53	4.57	2.80	3.63	3.25	3.08
NON-FATAL INJURY CRASH RATE (2)	70.40	141.18	221.43	143.06	204.76	304.59	192.68
NIGHT CRASH RATE (2)	52.06	78.26	140.58	87.29	145.84	206.45	126.76
WET CRASH RATE (2)	43.58	68.47	104.09	71.03	97.42	149.26	94.30
SEVERITY INDEX (3)	6.83	8.88	9.27	8.72	7.82	3.93	6.72

(1) ESTIMATED VALUE

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

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

1996-1998 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	41.90	0.50	15.22	12.96	9.09
TOTAL	1,267	41.90	0.50	15.22	12.96	9.09

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	101.74	0.46	36.71	23.37	23.45
TOTAL	294	101.74	0.46	36.71	23.37	23.45

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	194.51	1.57	70.40	52.06	43.58
TOTAL	1,561	194.51	1.57	70.40	52.06	43.58

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1996-1998 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	120.53	1.62	54.93	35.60	25.31
3 LANES UNDIVIDED	58	114.90	1.32	1.28	24.77	19.78
4 OR MORE LANES UNDIVIDED	339	109.88	0.90	8.44	27.86	22.08
4+ LANES CONT. LEFT TURN LANE*	7	94.37	0.75	0.24	23.22	12.73
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	843	85.21	0.93	38.19	24.28	17.39
PARTIAL CONTROL ACCESS	411	58.31	0.69	26.27	17.62	11.53
FULL CONTROL ACCESS	403	47.70	11.00	18.51	16.33	10.87
TOTAL	6,886	97.41	1.20	63.86	46.77	28.97

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	888	180.76	0.69	74.80	32.79	35.80
3 LANES UNDIVIDED*	8	129.61	0.88	59.07	23.81	0.30
4 OR MORE LANES UNDIVIDED	446	200.38	0.46	85.90	37.30	43.22
4+ LANES CONT. LEFT TURN LANE*	20	292.71	0.52	126.34	55.37	2.92
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	402	168.47	0.59	71.73	33.79	39.02
PARTIAL CONTROL ACCESS	127	120.07	0.71	50.88	25.26	10.64
FULL CONTROL ACCESS	127	81.11	0.46	30.93	18.60	10.13
TOTAL	2,018	165.87	0.58	69.80	35.55	32.02

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,714	134.54	1.38	59.48	34.76	27.73
3 LANES UNDIVIDED*	66	117.14	1.26	50.83	24.66	20.13
4 OR MORE LANES UNDIVIDED	785	168.92	0.61	73.44	33.98	35.76
4+ LANES CONT. LEFT TURN LANE*	26	241.61	0.58	106.14	47.09	50.95
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	1,245	122.35	0.78	53.14	28.50	25.72
PARTIAL CONTROL ACCESS	538	79.74	0.69	34.81	20.27	17.63
FULL CONTROL ACCESS	530	60.99	0.57	23.45	17.24	14.81
TOTAL	8,904	123.99	0.97	53.95	26.16	29.90

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

1996-1998 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	142.24	1.82	63.86	46.77	28.97
3 LANES UNDIVIDED	22	170.60	2.35	81.18	57.65	48.24
4 OR MORE LANES UNDIVIDED	82	143.37	1.49	67.00	39.94	30.25
4+ LANES CONT. LEFT TURN LANE*	0.2	188.32	0.00	37.66	112.99	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	108	69.74	0.58	32.79	21.53	15.24
PARTIAL CONTROL ACCESS	31	63.14	0.26	29.38	22.42	10.57
FULL CONTROL ACCESS	13	37.57	1.14	20.12	6.83	9.49
TOTAL	11,047	138.19	1.75	62.20	28.23	45.20

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,266	191.35	0.56	77.65	37.27	38.75
3 LANES UNDIVIDED*	8	211.69	0.00	73.35	46.42	51.99
4 OR MORE LANES UNDIVIDED	247	179.02	0.65	79.02	32.91	37.05
4+ LANES CONT. LEFT TURN LANE*	8	221.69	0.00	71.38	23.51	45.34
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	109	228.38	0.48	98.96	47.67	51.89
PARTIAL CONTROL ACCESS	14	32.40	0.22	14.32	9.26	7.27
FULL CONTROL ACCESS	13	86.91	0.23	33.02	20.41	22.70
TOTAL	1,666	187.79	0.55	78.32	39.15	36.58

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	12,058	134.54	1.38	59.48	34.76	27.73
3 LANES UNDIVIDED*	29	117.14	1.26	50.83	24.66	20.13
4 OR MORE LANES UNDIVIDED	329	168.92	0.61	73.44	33.98	35.76
4+ LANES CONT. LEFT TURN LANE*	8	241.61	0.58	106.14	47.09	50.95
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	216	122.35	0.78	53.14	28.50	25.72
PARTIAL CONTROL ACCESS	45	79.74	0.69	34.81	20.27	17.63
FULL CONTROL ACCESS	26	60.99	0.57	23.45	17.24	14.81
TOTAL	12,713	154.73	1.40	67.74	31.84	43.01

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

1996-1998 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	133.31	1.74	60.18	42.17	27.46
3 LANES UNDIVIDED	79	121.07	1.43	52.91	28.41	22.94
4 OR MORE LANES UNDIVIDED	420	115.72	1.00	53.04	29.96	23.51
4+ LANES CONT. LEFT TURN LANE*	7	96.20	0.73	47.73	24.97	12.48
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	951	83.15	0.89	37.47	23.92	17.10
PARTIAL CONTROL ACCESS	442	58.62	0.65	26.46	17.93	11.47
FULL CONTROL ACCESS	1,683	42.64	0.52	15.68	9.33	13.37
TOTAL	19,201	93.38	1.16	40.93	28.92	19.36

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	2,154	186.57	0.61	76.36	35.25	37.42
3 LANES UNDIVIDED	16	169.59	0.45	66.03	34.82	36.63
4 OR MORE LANES UNDIVIDED	693	193.22	0.52	83.60	35.83	41.03
4+ LANES CONT. LEFT TURN LANE	28	275.92	0.40	113.35	47.84	59.75
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	511	180.51	0.57	77.20	36.58	39.24
PARTIAL CONTROL ACCESS	141	108.85	0.65	46.20	23.21	26.32
FULL CONTROL ACCESS	434	97.77	0.46	35.60	22.96	22.46
TOTAL	3,978	154.65	0.54	63.29	33.30	30.92

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	17,772	145.33	1.48	63.83	40.61	29.71
3 LANES UNDIVIDED	95	131.92	1.21	55.84	29.84	26.00
4 OR MORE LANES UNDIVIDED	1,114	170.23	0.67	74.53	34.09	35.83
4+ LANES CONT. LEFT TURN LANE	34	237.68	0.47	99.38	42.97	49.69
4 OR MORE LANES DIVIDED WITH						
NO CONTROL ACCESS	1,461	128.76	0.74	56.08	29.85	27.47
PARTIAL CONTROL ACCESS	584	76.89	0.65	33.64	19.85	16.87
FULL CONTROL ACCESS	2,117	60.60	0.50	22.17	15.87	14.23
TOTAL	23,178	114.15	0.95	48.51	29.60	24.09

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

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1996-1998 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	162.75	1.69	70.63	58.46	32.56
3 LANES UNDIVIDED*	6	150.38	1.86	63.12	48.27	29.70
4 OR MORE LANES UNDIVIDED	80	147.81	1.08	66.33	38.87	30.90
4+ LANES CONT. LEFT TURN LANE*	4	630.14	2.28	287.67	180.37	132.42
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	24	54.62	0.92	26.16	15.60	11.01
PARTIAL CONTROL ACCESS*	4	10.37	0.00	5.18	5.18	1.30
FULL CONTROL ACCESS	22	6.41	0.00	2.33	1.46	0.87
TOTAL	95,669	166.39	1.71	72.26	59.42	33.31

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,111	163.40	0.41	65.69	32.23	33.47
3 LANES UNDIVIDED	36	217.08	0.25	83.24	32.65	36.64
4 OR MORE LANES UNDIVIDED	446	189.70	0.41	81.42	41.50	35.09
4+ LANES CONT. LEFT TURN LANE	28	153.85	0.28	39.83	31.13	29.87
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	90	190.36	0.22	77.48	44.99	41.28
PARTIAL CONTROL ACCESS	18	95.25	0.67	37.51	23.36	21.12
FULL CONTROL ACCESS*	14	16.57	0.00	5.60	4.03	3.58
TOTAL	5,742	167.37	0.39	67.94	33.34	34.34

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	100,640	171.61	1.44	73.10	55.02	34.21
3 LANES UNDIVIDED	42	210.08	0.44	81.21	38.18	32.44
4 OR MORE LANES UNDIVIDED	526	183.57	0.50	79.16	35.45	39.97
4+ LANES CONT. LEFT TURN LANE	32	181.56	0.40	54.22	38.61	37.03
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	114	172.15	0.31	70.61	37.85	40.43
PARTIAL CONTROL ACCESS	22	82.87	0.58	32.80	18.80	20.14
FULL CONTROL ACCESS	36	10.42	0.00	3.62	2.30	2.12
TOTAL	101,411	166.73	1.26	70.77	50.41	33.67

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

* RATES ARE NOT STATISTICALLY SIGNIFICANT

**1996-1998 Three-Year
Statewide Truck Crash Rates
Metric Units**

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
1996-1998 Three Year Crash Rates (Metric)

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	3,054	3,286	2,244	8,584	1,320	9,904
FATAL CRASHES	48	131	78	257	27	284
NON-FATAL INJURY CRASHES	1,015	1,392	1,009	3,416	516	3,932
NIGHT CRASHES	1,001	786	488	2,275	290	2,565
WET CRASHES	590	645	413	1,648	221	1,869
PERCENT FATAL CRASHES	1.57%	3.99%	3.48%	2.99%	2.05%	2.87%
PERCENT NON-FATAL INJURY CRASHES	33.24%	42.38%	44.96%	39.79%	39.09%	39.70%
PERCENT NIGHT CRASHES	32.78%	23.92%	21.75%	26.50%	21.97%	25.90%
PERCENT WET CRASHES	19.32%	19.63%	18.40%	19.20%	16.74%	18.87%
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)	7.46	5.97	5.46	6.28	2.52	5.25
FATAL CRASH RATE (2)	0.12	0.24	0.19	0.19	0.05	0.15
NON-FATAL INJURY CRASH RATE (2)	2.48	2.53	2.45	2.50	0.99	2.08
NIGHT CRASH RATE (2)	2.45	1.43	1.19	1.66	0.55	1.36
WET CRASH RATE (2)	1.44	1.17	1.00	1.21	0.42	0.99
SEVERITY INDEX (3)	7.30	11.30	11.20	9.85	9.60	9.82

ITEMS	URBAN STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	2,353	2,227	900	5,480	734	3,994	10,208
FATAL CRASHES	15	25	6	46	5	33	84
NON-FATAL INJURY CRASHES	792	740	265	1,797	172	1,015	2,984
NIGHT CRASHES	606	356	126	1,088	80	604	1,772
WET CRASHES	456	422	131	1,009	109	688	1,806
PERCENT FATAL CRASHES	0.64%	1.12%	0.67%	0.84%	0.68%	0.83%	0.82%
PERCENT NON-FATAL INJURY CRASHES	33.66%	33.23%	29.44%	32.79%	23.43%	25.41%	29.23%
PERCENT NIGHT CRASHES	25.75%	15.99%	14.00%	19.85%	10.90%	15.12%	17.36%
PERCENT WET CRASHES	19.38%	18.95%	14.56%	18.41%	14.85%	17.23%	17.69%
KILOMETERS OF ROAD	294	2,018	1,666	3,978	5,742	25,667	35,387
AVERAGE DAILY TRAFFIC	57,400	16,300	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)	12.73	6.59	5.03	7.82	2.65	14.21	8.11
FATAL CRASH RATE (2)	0.08	0.07	0.03	0.07	0.02	0.12	0.07
NON-FATAL INJURY CRASH RATE (2)	4.28	2.19	1.48	2.56	0.62	3.61	2.37
NIGHT CRASH RATE (2)	3.28	1.05	0.70	1.55	0.29	2.15	1.41
WET CRASH RATE (2)	2.47	1.25	0.73	1.44	0.39	2.45	1.43
SEVERITY INDEX (3)	6.41	6.64	6.09	6.45	4.48	3.93	5.32

ITEMS	ALL STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	5,407	5,513	3,144	14,064	2,054	3,994	20,112
FATAL CRASHES	63	156	84	303	32	33	368
NON-FATAL INJURY CRASHES	1,807	2,132	1,274	5,213	688	1,015	6,916
NIGHT CRASHES	1,607	1,142	614	3,363	370	604	4,337
WET CRASHES	1,046	1,067	544	2,657	330	688	3,675
PERCENT FATAL CRASHES	1.17%	2.83%	2.67%	2.15%	1.56%	0.83%	1.83%
PERCENT NON-FATAL INJURY CRASHES	33.42%	38.67%	40.52%	37.07%	33.50%	25.41%	34.39%
PERCENT NIGHT CRASHES	29.72%	20.71%	19.53%	23.91%	18.01%	15.12%	21.56%
PERCENT WET CRASHES	19.35%	19.35%	17.30%	18.89%	16.07%	17.23%	18.27%
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	598.58	2,055.80	777.32	281.06	3,114.17
TOTAL CRASH RATE (2)	29.25	16.31	17.59	20.06	7.42	14.21	15.98
FATAL CRASH RATE (2)	0.34	0.46	0.47	0.43	0.12	0.12	0.29
NON-FATAL INJURY CRASH RATE (2)	9.77	6.31	7.13	7.43	2.49	3.61	5.49
NIGHT CRASH RATE (2)	8.69	3.38	3.43	4.80	1.34	2.15	3.44
WET CRASH RATE (2)	5.66	3.16	3.04	3.79	1.19	2.45	2.92
SEVERITY INDEX (3)	6.91	9.42	9.74	8.53	7.77	3.93	7.54

(1) ESTIMATED VALUE

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

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

1996-1998 Three Year Truck 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	7.46	0.12	2.48	2.45	1.44
TOTAL	1,267	7.46	0.12	2.48	2.45	1.44

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	12.73	0.08	4.28	3.28	2.47
TOTAL	294	12.73	0.08	4.28	3.28	2.47

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	29.25	0.34	9.77	8.69	5.66
TOTAL	1,561	29.25	0.34	9.77	8.69	5.66

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

1996-1998 Three Year Truck 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	6.95	0.33	2.99	1.61	1.37
3 LANES UNDIVIDED	58	5.57	0.29	0.05	0.88	0.73
4 OR MORE LANES UNDIVIDED	339	5.14	0.04	0.34	0.97	1.03
4+ LANES CONT. LEFT TURN LANE*	7	3.74	0.00	0.01	0.75	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	843	5.98	0.20	2.62	1.47	1.15
PARTIAL CONTROL ACCESS	411	4.51	0.15	1.89	1.27	0.79
FULL CONTROL ACCESS	403	3.86	1.20	1.47	1.13	0.91
TOTAL	6,886	5.97	0.24	2.52	1.22	1.04

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	888	6.97	0.13	2.29	1.02	1.28
3 LANES UNDIVIDED*	8	5.29	0.00	3.53	0.00	0.00
4 OR MORE LANES UNDIVIDED	446	5.53	0.04	1.72	0.73	0.98
4+ LANES CONT. LEFT TURN LANE*	20	13.26	0.00	3.90	1.56	0.12
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	402	7.15	0.05	2.44	1.07	1.43
PARTIAL CONTROL ACCESS	127	7.57	0.10	2.68	1.62	0.59
FULL CONTROL ACCESS	127	5.38	0.07	1.82	1.31	0.59
TOTAL	2,018	6.59	0.07	2.19	1.25	1.05

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,714	6.93	0.28	2.81	1.46	1.34
3 LANES UNDIVIDED*	66	5.54	0.25	2.14	0.75	0.63
4 OR MORE LANES UNDIVIDED	785	5.39	0.04	1.82	0.81	0.99
4+ LANES CONT. LEFT TURN LANE*	26	10.81	0.00	3.28	1.35	1.93
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,245	6.49	0.14	2.53	1.29	1.23
PARTIAL CONTROL ACCESS	538	5.57	0.12	2.17	1.39	1.08
FULL CONTROL ACCESS	530	4.47	0.12	1.61	1.20	1.03
TOTAL	8,904	6.23	0.18	2.41	1.21	1.29

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

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1996-1998 Three Year Truck 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	5.58	0.20	2.52	1.22	1.04
3 LANES UNDIVIDED	22	9.41	0.00	3.53	2.35	2.35
4 OR MORE LANES UNDIVIDED	82	7.14	0.21	2.56	1.28	1.17
4+ LANES 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	2.48	0.06	1.33	0.58	0.29
PARTIAL CONTROL ACCESS	31	3.09	0.00	1.03	0.52	0.52
FULL CONTROL ACCESS	13	1.52	0.00	0.38	0.38	0.00
TOTAL	11,047	5.46	0.19	2.45	1.00	1.19

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,266	5.54	0.04	1.76	0.73	0.87
3 LANES UNDIVIDED*	8	2.79	0.00	0.93	0.00	0.00
4 OR MORE LANES UNDIVIDED	247	3.97	0.02	0.84	0.75	0.49
4+ LANES CONT. LEFT TURN LANE*	8	5.88	0.00	0.84	0.00	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	109	6.26	0.04	1.87	0.83	0.78
PARTIAL CONTROL ACCESS	14	1.32	0.00	0.66	0.00	0.66
FULL CONTROL ACCESS	13	0.46	0.00	0.00	0.00	0.00
TOTAL	1,666	5.03	0.03	1.48	0.73	0.70

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	12,058	6.93	0.28	2.81	1.46	1.34
3 LANES UNDIVIDED*	29	5.54	0.25	2.14	0.75	0.63
4 OR MORE LANES UNDIVIDED	329	5.39	0.04	1.82	0.81	0.99
4+ LANES CONT. LEFT TURN LANE*	8	10.81	0.00	3.28	1.35	1.93
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	216	6.49	0.14	2.53	1.29	1.23
PARTIAL CONTROL ACCESS	45	5.57	0.12	2.17	1.39	1.08
FULL CONTROL ACCESS	26	4.47	0.12	1.61	1.20	1.03
TOTAL	12,713	5.38	0.14	2.18	0.93	1.05

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

1996-1998 Three Year Truck 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	6.14	0.25	2.71	1.38	1.17
3 LANES UNDIVIDED	79	5.99	0.26	2.09	1.04	0.91
4 OR MORE LANES UNDIVIDED	420	5.49	0.07	2.12	1.02	1.06
4+ LANES CONT. LEFT TURN LANE*	7	3.67	0.00	1.47	0.73	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	951	5.51	0.18	2.45	1.35	1.04
PARTIAL CONTROL ACCESS	442	4.42	0.13	1.84	1.23	0.77
FULL CONTROL ACCESS	1,683	6.95	0.12	2.33	1.36	2.26
TOTAL	19,201	6.28	0.19	2.50	1.66	1.21

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	2,154	6.19	0.08	2.00	0.86	1.05
3 LANES UNDIVIDED	16	4.07	0.00	2.26	0.00	0.00
4 OR MORE LANES UNDIVIDED	693	5.01	0.03	1.42	0.74	0.81
4+ LANES CONT. LEFT TURN LANE	28	11.51	0.00	3.18	1.19	1.99
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	511	6.97	0.05	2.32	1.02	1.21
PARTIAL CONTROL ACCESS	141	6.77	0.08	2.43	1.41	1.49
FULL CONTROL ACCESS	434	11.18	0.08	3.76	2.20	2.86
TOTAL	3,978	7.82	0.07	2.56	1.44	1.55

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	17,772	6.15	0.21	2.55	1.26	1.15
3 LANES UNDIVIDED	95	5.56	0.20	2.12	0.81	0.71
4 OR MORE LANES UNDIVIDED	1,114	5.15	0.04	1.63	0.82	0.89
4+ LANES CONT. LEFT TURN LANE	34	9.84	0.00	2.81	1.09	1.56
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,461	6.19	0.12	2.39	1.19	1.12
PARTIAL CONTROL ACCESS	584	5.28	0.11	2.05	1.29	1.04
FULL CONTROL ACCESS	2,117	8.33	0.11	2.80	2.43	1.65
TOTAL	23,178	6.80	0.15	2.52	1.63	1.28

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

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1996-1998 Three Year Truck 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	2.46	0.05	0.97	0.54	0.42
3 LANES UNDIVIDED*	6	1.86	0.00	0.00	0.00	0.00
4 OR MORE LANES UNDIVIDED	80	2.46	0.00	0.89	0.69	0.20
4+ LANES CONT. LEFT TURN LANE*	4	9.13	0.00	0.00	2.28	2.28
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	24	0.92	0.00	0.00	0.46	0.00
PARTIAL CONTROL ACCESS*	4	1.30	0.00	0.00	0.00	0.00
FULL CONTROL ACCESS	22	0.29	0.00	0.15	0.00	0.00
TOTAL	95,669	2.52	0.05	0.99	0.55	0.42

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	5,111	2.72	0.03	0.62	0.43	0.32
3 LANES UNDIVIDED	36	3.24	0.00	0.50	0.00	0.25
4 OR MORE LANES UNDIVIDED	446	2.67	0.00	0.72	0.38	0.25
4+ LANES CONT. LEFT TURN LANE	28	1.40	0.00	0.14	0.14	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	90	3.63	0.00	0.73	0.44	0.29
PARTIAL CONTROL ACCESS	18	1.12	0.00	0.45	0.00	0.45
FULL CONTROL ACCESS*	14	0.67	0.00	0.00	0.22	0.00
TOTAL	5,742	2.65	0.02	0.62	0.29	0.39

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM KILO- METERS	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	100,640	2.66	0.05	0.93	0.51	0.44
3 LANES UNDIVIDED	42	3.09	0.00	0.44	0.22	0.00
4 OR MORE LANES UNDIVIDED	526	2.63	0.00	0.74	0.31	0.36
4+ LANES CONT. LEFT TURN LANE	32	1.85	0.00	0.13	0.13	0.26
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	114	3.27	0.00	0.63	0.31	0.38
PARTIAL CONTROL ACCESS	22	1.15	0.00	0.38	0.38	0.00
FULL CONTROL ACCESS	36	0.44	0.00	0.09	0.00	0.09
TOTAL	101,411	2.57	0.04	0.86	0.46	0.41

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

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