

STANDARD

North Carolina Department of Transportation
Traffic Engineering and Safety Systems Branch
Traffic Safety Systems Management Unit
2005-2007 Three Year Crash Rates

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	26,047	57,025	59,949	143,021	144,092	287,113
FATAL CRASHES	225	638	709	1,572	1,566	3,138
NON-FATAL INJURY CRASHES	7,131	20,693	22,535	50,359	50,970	101,329
NIGHT CRASHES	7,795	17,714	20,143	45,652	57,221	102,873
WET CRASHES	5,995	10,608	9,104	25,707	21,516	47,223
PERCENT FATAL CRASHES	0.86%	1.12%	1.18%	1.10%	1.09%	1.09%
PERCENT NON-FATAL INJURY CRASHES	27.38%	36.29%	37.59%	35.21%	35.37%	35.29%
PERCENT NIGHT CRASHES	29.93%	31.06%	33.60%	31.92%	39.71%	35.83%
PERCENT WET CRASHES	23.02%	18.60%	15.19%	17.97%	14.93%	16.45%
MILES OF ROAD	822	4,183	6,966	11,971	60,032	72,003
AVERAGE DAILY TRAFFIC TRAVEL (100MVM) (1)	42,000	9,800	4,700	9,100	600	2,000
TOTAL CRASH RATE (2)	378.04	451.15	357.58	1,186.76	413.54	1,600.30
FATAL CRASH RATE (2)	68.90	126.40	167.65	120.51	348.44	179.41
NON-FATAL INJURY CRASH RATE (2)	0.60	1.41	1.98	1.32	3.79	1.96
NIGHT CRASH RATE (2)	18.86	45.87	63.02	42.43	123.25	63.32
WET CRASH RATE (2)	20.62	39.26	56.33	38.47	138.37	64.28
SEVERITY INDEX (3)	15.86	23.51	25.46	21.66	52.03	29.51
	4.53	5.90	6.31	5.82	6.20	6.01

ITEMS	URBAN STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	26,795	90,900	54,802	172,497	104,417	111,703	388,617
FATAL CRASHES	125	306	204	635	287	254	1,176
NON-FATAL INJURY CRASHES	7,697	29,561	17,826	55,084	32,666	35,047	122,797
NIGHT CRASHES	6,589	18,711	11,189	36,489	23,241	25,413	85,143
WET CRASHES	5,512	14,654	8,389	28,555	16,142	16,908	61,605
PERCENT FATAL CRASHES	0.47%	0.34%	0.37%	0.37%	0.27%	0.23%	0.30%
PERCENT NON-FATAL INJURY CRASHES	28.73%	32.52%	32.53%	31.93%	31.28%	31.37%	31.60%
PERCENT NIGHT CRASHES	24.59%	20.58%	20.42%	21.15%	22.26%	22.75%	21.91%
PERCENT WET CRASHES	20.57%	16.12%	15.31%	16.55%	15.46%	15.14%	15.85%
MILES OF ROAD	277	1,372	1,196	2,845	4,846	24,431	32,122
AVERAGE DAILY TRAFFIC TRAVEL (100MVM) (1)	80,800	19,000	12,300	22,200	4,900	1,000	3,500
TOTAL CRASH RATE (2)	245.08	285.48	160.48	691.03	258.32	267.52	1,216.87
FATAL CRASH RATE (2)	109.33	318.41	341.50	249.62	404.22	417.55	319.36
NON-FATAL INJURY CRASH RATE (2)	0.51	1.07	1.27	0.92	1.11	0.95	0.97
NIGHT CRASH RATE (2)	31.41	103.55	111.08	79.71	126.46	131.01	100.91
WET CRASH RATE (2)	26.89	65.54	69.72	52.80	89.97	95.00	69.97
SEVERITY INDEX (3)	22.49	51.33	52.28	41.32	62.49	63.20	50.63
	3.95	4.19	4.27	4.17	4.11	3.99	4.10

ITEMS	ALL STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL System
TOTAL CRASHES	52,842	147,925	114,751	315,518	248,509	111,703	675,730
FATAL CRASHES	350	944	913	2,207	1,853	254	4,314
NON-FATAL INJURY CRASHES	14,828	50,254	40,361	105,443	83,636	35,047	224,126
NIGHT CRASHES	14,384	36,425	31,332	82,141	80,462	25,413	188,016
WET CRASHES	11,507	25,262	17,493	54,262	37,658	16,908	108,828
PERCENT FATAL CRASHES	0.66%	0.64%	0.80%	0.70%	0.75%	0.23%	0.64%
PERCENT NON-FATAL INJURY CRASHES	28.06%	33.97%	35.17%	33.42%	33.66%	31.37%	33.17%
PERCENT NIGHT CRASHES	27.22%	24.62%	27.30%	26.03%	32.38%	22.75%	27.82%
PERCENT WET CRASHES	21.78%	17.08%	15.24%	17.20%	15.15%	15.14%	16.11%
MILES OF ROAD	1,099	5,555	8,162	14,816	64,878	24,431	104,125
AVERAGE DAILY TRAFFIC TRAVEL (100MVM) (1)	51,800	12,100	5,800	11,600	900	1,000	2,500
TOTAL CRASH RATE (2)	623.12	736.63	518.05	1,877.79	671.85	267.52	2,817.17
FATAL CRASH RATE (2)	84.80	200.81	221.50	168.03	369.89	417.55	239.86
NON-FATAL INJURY CRASH RATE (2)	0.56	1.28	1.76	1.18	2.76	0.95	1.53
NIGHT CRASH RATE (2)	23.80	68.22	77.91	56.15	124.49	131.01	79.56
WET CRASH RATE (2)	23.08	49.45	60.48	43.74	119.76	95.00	66.74
SEVERITY INDEX (3)	18.47	34.29	33.77	28.90	56.05	63.20	38.63
	4.21	4.84	5.30	4.89	5.35	3.99	4.87

(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

**2005-2007 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						
TOTAL	822	68.90	0.60	18.86	20.62	15.86

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						
TOTAL	277	109.33	0.51	31.41	26.89	22.49

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						
TOTAL	1,099	84.80	0.56	23.80	23.08	18.47

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

**2005-2007 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	2,573	159.45	2.06	61.26	51.69	26.61
2 LANES CONT. LEFT TURN LANE*	13	182.91	0.00	70.91	55.01	25.85
3 LANES UNDIVIDED*	17	150.20	4.93	66.33	43.30	27.41
4 OR MORE LANES UNDIVIDED	76	158.80	2.13	56.75	46.77	34.02
4+ LANES CONT. LEFT TURN LANE	177	174.64	1.54	65.76	43.38	30.07
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	598	122.30	1.09	43.45	35.39	21.27
PARTIAL CONTROL ACCESS	304	87.29	1.06	31.01	27.85	17.21
FULL CONTROL ACCESS	425	75.44	0.69	21.92	26.26	20.88
TOTAL	4,183	126.40	1.41	45.87	39.26	23.51

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	512	305.79	1.10	101.41	60.56	47.42
2 LANES CONT. LEFT TURN LANE*	10	769.47	1.81	236.90	164.56	115.74
3 LANES UNDIVIDED*	5	704.50	1.63	242.99	141.88	114.16
4 OR MORE LANES UNDIVIDED	114	468.47	1.21	159.10	82.39	72.39
4+ LANES CONT. LEFT TURN LANE	261	375.75	1.32	127.20	72.88	58.95
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	224	359.45	1.06	114.46	77.81	56.05
PARTIAL CONTROL ACCESS	135	239.68	1.16	73.67	53.55	42.05
FULL CONTROL ACCESS	111	186.90	0.59	56.88	43.34	35.39
TOTAL	1,372	318.41	1.07	103.55	65.54	51.33

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,085	193.09	1.84	70.49	53.73	31.39
2 LANES CONT. LEFT TURN LANE*	23	431.00	0.76	141.12	101.34	48.95
3 LANES UNDIVIDED*	22	289.64	4.10	110.77	68.10	49.23
4 OR MORE LANES UNDIVIDED	190	361.83	1.53	123.86	70.12	59.17
4+ LANES CONT. LEFT TURN LANE	438	307.87	1.40	106.47	62.92	49.20
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	822	216.15	1.08	71.55	52.18	35.04
PARTIAL CONTROL ACCESS	439	152.65	1.10	49.31	38.88	27.86
FULL CONTROL ACCESS	536	113.81	0.66	33.95	32.14	25.88
TOTAL	5,555	200.81	1.28	68.22	49.45	34.29

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

**2005-2007 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	6,587	175.41	2.14	66.12	60.38	26.41
2 LANES CONT. LEFT TURN LANE*	15	190.73	1.08	76.51	58.19	28.56
3 LANES UNDIVIDED*	18	252.90	3.12	103.81	61.66	39.03
4 OR MORE LANES UNDIVIDED*	42	221.49	1.28	77.38	57.34	32.62
4+ LANES CONT. LEFT TURN LANE	97	154.57	2.12	61.04	43.89	24.88
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	147	129.76	1.01	46.44	38.38	19.87
PARTIAL CONTROL ACCESS*	23	133.47	1.12	46.60	39.52	22.74
FULL CONTROL ACCESS	37	21.96	0.20	6.25	4.33	6.75
TOTAL	6,966	167.65	1.98	63.02	56.33	25.46

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	823	303.18	1.12	97.95	62.72	45.48
2 LANES CONT. LEFT TURN LANE*	5	194.36	0.00	63.22	18.73	32.78
3 LANES UNDIVIDED*	7	423.02	1.98	137.38	90.93	66.22
4 OR MORE LANES UNDIVIDED	109	426.12	1.49	144.46	78.34	64.41
4+ LANES CONT. LEFT TURN LANE	117	325.12	1.47	108.72	64.83	48.90
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	100	443.05	1.48	142.08	94.79	69.85
PARTIAL CONTROL ACCESS	23	285.32	1.04	90.01	59.25	45.53
FULL CONTROL ACCESS	12	219.30	0.87	62.23	47.67	38.31
TOTAL	1,196	341.50	1.27	111.08	69.72	52.28

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,410	200.46	1.94	72.36	60.84	30.15
2 LANES CONT. LEFT TURN LANE*	20	191.41	0.88	74.02	50.81	29.35
3 LANES UNDIVIDED*	25	327.96	2.62	118.63	74.58	51.03
4 OR MORE LANES UNDIVIDED	151	385.15	1.45	131.03	74.14	58.05
4+ LANES CONT. LEFT TURN LANE	214	258.65	1.73	90.14	56.67	39.54
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	247	301.97	1.27	99.01	69.39	47.34
PARTIAL CONTROL ACCESS	46	230.96	1.07	74.47	52.19	37.37
FULL CONTROL ACCESS	49	94.49	0.45	26.82	20.26	18.35
TOTAL	8,162	221.50	1.76	77.91	60.48	33.77

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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**2005-2007 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	9,160	169.86	2.11	64.43	57.36	26.48
2 LANES CONT. LEFT TURN LANE*	28	187.23	0.59	74.00	56.76	27.34
3 LANES UNDIVIDED*	35	192.57	4.19	81.79	50.88	32.20
4 OR MORE LANES UNDIVIDED	118	177.76	1.87	62.99	49.97	33.59
4+ LANES CONT. LEFT TURN LANE	274	167.71	1.74	64.13	43.56	28.28
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	745	123.63	1.08	43.99	35.93	21.02
PARTIAL CONTROL ACCESS	327	91.46	1.06	32.42	28.91	17.71
FULL CONTROL ACCESS	1,284	69.17	0.61	19.18	21.35	16.62
TOTAL	11,971	120.51	1.32	42.43	38.47	21.66

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,335	304.22	1.12	99.32	61.87	46.25
2 LANES CONT. LEFT TURN LANE*	15	609.26	1.30	188.52	123.94	92.63
3 LANES UNDIVIDED*	12	529.24	1.85	177.23	110.16	84.31
4 OR MORE LANES UNDIVIDED	223	448.30	1.35	152.13	80.46	68.59
4+ LANES CONT. LEFT TURN LANE	378	360.77	1.37	121.73	70.50	55.97
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	324	383.60	1.18	122.44	82.72	60.04
PARTIAL CONTROL ACCESS	158	248.44	1.14	76.81	54.64	42.71
FULL CONTROL ACCESS	400	123.84	0.53	36.07	29.91	24.85
TOTAL	2,845	249.62	0.92	79.71	52.80	41.32

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	10,495	197.82	1.90	71.69	58.30	30.59
2 LANES CONT. LEFT TURN LANE*	43	319.32	0.82	109.84	77.79	47.78
3 LANES UNDIVIDED*	47	308.22	3.38	114.58	71.24	50.10
4 OR MORE LANES UNDIVIDED	341	371.79	1.50	126.92	71.84	58.69
4+ LANES CONT. LEFT TURN LANE	652	292.45	1.50	101.35	60.96	46.17
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,069	235.57	1.12	77.77	56.07	37.82
PARTIAL CONTROL ACCESS	485	163.38	1.10	52.75	40.70	29.16
FULL CONTROL ACCESS	1,684	90.16	0.58	25.67	24.64	19.78
TOTAL	14,816	168.03	1.18	56.15	43.74	28.90

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**2005-2007 Three Year Crash Rates
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RURAL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	59,887	354.02	3.93	125.75	142.23	52.64
2 LANES CONT. LEFT TURN LANE*	11	155.50	1.32	52.71	30.31	31.63
3 LANES UNDIVIDED*	4	262.13	0.00	93.02	46.51	50.74
4 OR MORE LANES UNDIVIDED*	44	442.93	1.99	136.68	113.93	74.41
4+ LANES CONT. LEFT TURN LANE*	21	438.83	1.65	149.90	122.56	72.15
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	56	139.90	0.27	40.43	35.85	22.10
PARTIAL CONTROL ACCESS*	3	70.20	0.00	22.24	25.02	16.68
FULL CONTROL ACCESS*	6	53.74	0.38	9.02	13.53	9.77
TOTAL	60,032	348.44	3.79	123.25	138.37	52.03

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	4,267	413.78	1.31	130.38	96.90	62.26
2 LANES CONT. LEFT TURN LANE*	19	419.53	0.52	133.75	83.59	66.35
3 LANES UNDIVIDED*	24	482.35	1.09	130.10	78.64	67.41
4 OR MORE LANES UNDIVIDED	240	479.50	1.11	148.38	95.05	75.81
4+ LANES CONT. LEFT TURN LANE	150	501.90	1.04	154.29	103.27	81.57
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	94	277.85	0.60	87.38	59.06	45.78
PARTIAL CONTROL ACCESS	38	130.52	0.07	44.66	35.57	20.19
FULL CONTROL ACCESS*	14	108.44	0.42	33.03	31.58	24.72
TOTAL	4,846	404.22	1.11	126.46	89.97	62.49

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	64,154	370.48	3.21	127.03	129.75	55.29
2 LANES CONT. LEFT TURN LANE*	30	344.57	0.75	110.74	68.47	56.49
3 LANES UNDIVIDED*	28	464.97	1.00	127.17	76.10	66.09
4 OR MORE LANES UNDIVIDED	284	475.60	1.20	147.13	97.07	75.66
4+ LANES CONT. LEFT TURN LANE	171	496.05	1.10	153.89	105.05	80.70
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	150	237.93	0.51	73.80	52.34	38.93
PARTIAL CONTROL ACCESS	41	124.72	0.07	42.51	34.55	19.85
FULL CONTROL ACCESS	20	88.97	0.40	24.48	25.15	19.40
TOTAL	64,878	369.89	2.76	124.49	119.76	56.05

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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North Carolina Department of Transportation
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2005-2007 Three Year Truck Crash Rates

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	3,484	2,802	1,932	8,218	1,898	10,116
FATAL CRASHES	58	97	67	222	32	254
NON-FATAL INJURY CRASHES	957	1,023	755	2,735	625	3,360
NIGHT CRASHES	1,044	624	386	2,054	370	2,424
WET CRASHES	563	420	286	1,269	237	1,506
PERCENT FATAL CRASHES	1.66%	3.46%	3.47%	2.70%	1.69%	2.51%
PERCENT NON-FATAL INJURY CRASHES	27.47%	36.51%	39.08%	33.28%	32.93%	33.21%
PERCENT NIGHT CRASHES	29.97%	22.27%	19.98%	24.99%	19.49%	23.96%
PERCENT WET CRASHES	16.16%	14.99%	14.80%	15.44%	12.49%	14.89%
MILES OF ROAD	822	4,183	6,966	11,971	60,032	72,003
AVERAGE DAILY TRAFFIC	42,000	9,800	4,700	9,100	600	2,000
TRAVEL (100MVM) (1)	378.04	451.15	357.58	1,186.76	413.54	1,600.30
TOTAL CRASH RATE (2)	9.22	6.21	5.40	6.92	4.59	6.32
FATAL CRASH RATE (2)	0.15	0.22	0.19	0.19	0.08	0.16
NON-FATAL INJURY CRASH RATE (2)	2.53	2.27	2.11	2.30	1.51	2.10
NIGHT CRASH RATE (2)	2.76	1.38	1.08	1.73	0.89	1.51
WET CRASH RATE (2)	1.49	0.93	0.80	1.07	0.57	0.94
SEVERITY INDEX (3)	5.22	8.49	8.80	7.17	6.65	7.07

ITEMS	URBAN STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	2,903	3,287	1,554	7,744	2,160	2,744	12,648
FATAL CRASHES	29	22	11	62	7	7	76
NON-FATAL INJURY CRASHES	852	842	374	2,068	434	467	2,969
NIGHT CRASHES	713	497	197	1,407	252	332	1,991
WET CRASHES	486	444	203	1,133	264	334	1,731
PERCENT FATAL CRASHES	1.00%	0.67%	0.71%	0.80%	0.32%	0.25%	0.60%
PERCENT NON-FATAL INJURY CRASHES	29.35%	25.62%	24.07%	26.70%	20.09%	17.03%	23.48%
PERCENT NIGHT CRASHES	24.56%	15.12%	12.68%	18.17%	11.67%	12.12%	15.75%
PERCENT WET CRASHES	16.74%	13.51%	13.06%	14.63%	12.22%	12.19%	13.69%
MILES OF ROAD	277	1,372	1,196	2,845	4,846	24,431	32,122
AVERAGE DAILY TRAFFIC	80,800	19,000	12,300	22,200	4,900	1,000	3,500
TRAVEL (100MVM) (1)	245.08	285.48	160.48	691.03	258.32	267.52	1,216.87
TOTAL CRASH RATE (2)	11.85	11.51	9.68	11.21	8.36	10.26	10.39
FATAL CRASH RATE (2)	0.12	0.08	0.07	0.09	0.03	0.03	0.06
NON-FATAL INJURY CRASH RATE (2)	3.48	2.95	2.33	2.99	1.68	1.75	2.44
NIGHT CRASH RATE (2)	2.91	1.74	1.23	2.04	0.98	1.24	1.64
WET CRASH RATE (2)	1.98	1.56	1.26	1.64	1.02	1.25	1.42
SEVERITY INDEX (3)	4.52	4.22	4.32	4.36	3.57	2.91	3.94

ITEMS	ALL STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL System
TOTAL CRASHES	6,387	6,089	3,486	15,962	4,058	2,744	22,764
FATAL CRASHES	87	119	78	284	39	7	330
NON-FATAL INJURY CRASHES	1,809	1,865	1,129	4,803	1,059	467	6,329
NIGHT CRASHES	1,757	1,121	583	3,461	622	332	4,415
WET CRASHES	1,049	864	489	2,402	501	334	3,237
PERCENT FATAL CRASHES	1.36%	1.95%	2.24%	1.78%	0.96%	0.25%	1.45%
PERCENT NON-FATAL INJURY CRASHES	28.32%	30.63%	32.39%	30.09%	26.10%	17.03%	27.80%
PERCENT NIGHT CRASHES	27.51%	18.41%	16.72%	21.68%	15.33%	12.12%	19.40%
PERCENT WET CRASHES	16.42%	14.19%	14.03%	15.05%	12.35%	12.19%	14.22%
MILES OF ROAD	1,099	5,555	8,162	14,816	64,878	24,431	104,125
AVERAGE DAILY TRAFFIC	51,800	12,100	5,800	11,600	900	1,000	2,500
TRAVEL (100MVM) (1)	623.12	736.63	518.05	1,877.79	671.85	267.52	2,817.17
TOTAL CRASH RATE (2)	10.25	8.27	6.73	8.50	6.04	10.26	8.08
FATAL CRASH RATE (2)	0.14	0.16	0.15	0.15	0.06	0.03	0.12
NON-FATAL INJURY CRASH RATE (2)	2.90	2.53	2.18	2.56	1.58	1.75	2.25
NIGHT CRASH RATE (2)	2.82	1.52	1.13	1.84	0.93	1.24	1.57
WET CRASH RATE (2)	1.68	1.17	0.94	1.28	0.75	1.25	1.15
SEVERITY INDEX (3)	4.87	6.14	6.75	5.74	5.21	2.91	5.31

(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

**2005-2007 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	822	9.22	0.15	2.53	2.76	1.49
TOTAL	822	9.22	0.15	2.53	2.76	1.49

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	277	11.85	0.12	3.48	2.91	1.98
TOTAL	277	11.85	0.12	3.48	2.91	1.98

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	1,099	10.25	0.14	2.90	2.82	1.68
TOTAL	1,099	10.25	0.14	2.90	2.82	1.68

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

**2005-2007 Three Year Truck Crash Rates
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RURAL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	2,573	7.10	0.36	2.76	1.42	1.00
2 LANES CONT. LEFT TURN LANE*	13	7.95	0.00	1.33	0.66	1.33
3 LANES UNDIVIDED*	17	5.48	0.00	2.19	1.64	1.10
4 OR MORE LANES UNDIVIDED	76	8.04	0.37	2.31	1.57	0.83
4+ LANES CONT. LEFT TURN LANE	177	7.62	0.23	2.66	1.71	1.18
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	598	6.39	0.16	2.41	1.37	1.05
PARTIAL CONTROL ACCESS	304	5.19	0.07	1.95	1.17	0.74
FULL CONTROL ACCESS	425	4.35	0.09	1.32	1.33	0.72
TOTAL	4,183	6.21	0.22	2.27	1.38	0.93

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	512	10.51	0.08	2.68	1.44	1.42
2 LANES CONT. LEFT TURN LANE*	10	20.80	0.00	4.52	2.71	2.71
3 LANES UNDIVIDED*	5	26.09	0.00	8.15	6.52	3.26
4 OR MORE LANES UNDIVIDED	114	12.43	0.00	2.48	1.12	1.41
4+ LANES CONT. LEFT TURN LANE	261	10.95	0.05	3.00	1.37	1.51
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	224	13.70	0.10	3.45	2.20	1.77
PARTIAL CONTROL ACCESS	135	10.86	0.17	2.72	1.78	1.56
FULL CONTROL ACCESS	111	9.84	0.02	2.75	1.99	1.45
TOTAL	1,372	11.51	0.08	2.95	1.74	1.56

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,085	7.89	0.30	2.74	1.43	1.09
2 LANES CONT. LEFT TURN LANE*	23	13.39	0.00	2.68	1.53	1.91
3 LANES UNDIVIDED*	22	10.67	0.00	3.69	2.87	1.64
4 OR MORE LANES UNDIVIDED	190	10.92	0.13	2.42	1.27	1.21
4+ LANES CONT. LEFT TURN LANE	438	9.83	0.11	2.88	1.49	1.40
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	822	9.28	0.14	2.82	1.70	1.33
PARTIAL CONTROL ACCESS	439	7.62	0.12	2.28	1.43	1.09
FULL CONTROL ACCESS	536	6.24	0.07	1.81	1.56	0.97
TOTAL	5,555	8.27	0.16	2.53	1.52	1.17

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

**2005-2007 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	6,587	5.69	0.21	2.26	1.14	0.83
2 LANES CONT. LEFT TURN LANE*	15	3.77	0.00	1.62	1.08	0.54
3 LANES UNDIVIDED*	18	7.81	0.00	2.34	0.78	1.56
4 OR MORE LANES UNDIVIDED*	42	5.97	0.21	1.92	1.49	0.43
4+ LANES CONT. LEFT TURN LANE	97	4.30	0.06	1.25	0.56	0.75
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	147	4.80	0.13	1.85	1.01	0.93
PARTIAL CONTROL ACCESS*	23	3.73	0.00	1.86	1.12	0.56
FULL CONTROL ACCESS	37	0.60	0.00	0.10	0.20	0.10
TOTAL	6,966	5.40	0.19	2.11	1.08	0.80

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	823	8.96	0.08	2.30	1.22	1.14
2 LANES CONT. LEFT TURN LANE*	5	2.34	0.00	2.34	2.34	0.00
3 LANES UNDIVIDED*	7	14.83	0.00	2.97	0.99	2.97
4 OR MORE LANES UNDIVIDED	109	12.27	0.00	2.72	1.55	1.60
4+ LANES CONT. LEFT TURN LANE	117	8.36	0.08	1.87	0.96	1.31
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	100	11.66	0.11	2.60	1.19	1.37
PARTIAL CONTROL ACCESS	23	9.87	0.00	2.60	1.66	1.25
FULL CONTROL ACCESS	12	5.89	0.00	1.56	0.87	0.87
TOTAL	1,196	9.68	0.07	2.33	1.23	1.26

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,410	6.33	0.18	2.26	1.15	0.89
2 LANES CONT. LEFT TURN LANE*	20	3.50	0.00	1.75	1.31	0.44
3 LANES UNDIVIDED*	25	10.90	0.00	2.62	0.87	2.18
4 OR MORE LANES UNDIVIDED	151	11.01	0.04	2.56	1.54	1.37
4+ LANES CONT. LEFT TURN LANE	214	6.78	0.07	1.63	0.80	1.09
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	247	8.57	0.12	2.26	1.11	1.17
PARTIAL CONTROL ACCESS	46	7.67	0.00	2.34	1.47	1.00
FULL CONTROL ACCESS	49	2.55	0.00	0.64	0.45	0.38
TOTAL	8,162	6.73	0.15	2.18	1.13	0.94

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**2005-2007 Three Year Truck Crash Rates
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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	9,160	6.18	0.26	2.43	1.23	0.88
2 LANES CONT. LEFT TURN LANE*	28	5.65	0.00	1.49	0.89	0.89
3 LANES UNDIVIDED*	35	6.44	0.00	2.25	1.29	1.29
4 OR MORE LANES UNDIVIDED	118	7.41	0.32	2.19	1.55	0.71
4+ LANES CONT. LEFT TURN LANE	274	6.48	0.17	2.17	1.31	1.03
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	745	6.10	0.16	2.31	1.31	1.03
PARTIAL CONTROL ACCESS	327	5.06	0.07	1.94	1.16	0.73
FULL CONTROL ACCESS	1,284	8.12	0.14	2.25	2.44	1.31
TOTAL	11,971	6.92	0.19	2.30	1.73	1.07

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,335	9.57	0.08	2.45	1.31	1.25
2 LANES CONT. LEFT TURN LANE*	15	15.66	0.00	3.91	2.61	1.96
3 LANES UNDIVIDED*	12	19.08	0.00	4.92	3.08	3.08
4 OR MORE LANES UNDIVIDED	223	12.36	0.00	2.59	1.32	1.50
4+ LANES CONT. LEFT TURN LANE	378	10.18	0.06	2.66	1.25	1.45
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	324	13.11	0.10	3.20	1.91	1.66
PARTIAL CONTROL ACCESS	158	10.67	0.14	2.69	1.76	1.50
FULL CONTROL ACCESS	400	11.41	0.10	3.32	2.72	1.88
TOTAL	2,845	11.21	0.09	2.99	2.04	1.64

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	10,495	6.89	0.23	2.43	1.25	0.96
2 LANES CONT. LEFT TURN LANE*	43	8.78	0.00	2.25	1.43	1.23
3 LANES UNDIVIDED*	47	10.78	0.00	3.17	1.90	1.90
4 OR MORE LANES UNDIVIDED	341	10.96	0.09	2.48	1.39	1.28
4+ LANES CONT. LEFT TURN LANE	652	8.87	0.10	2.49	1.27	1.30
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	1,069	9.12	0.13	2.69	1.57	1.30
PARTIAL CONTROL ACCESS	485	7.63	0.10	2.28	1.43	1.08
FULL CONTROL ACCESS	1,684	9.38	0.12	2.66	2.55	1.53
TOTAL	14,816	8.50	0.15	2.56	1.84	1.28

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**2005-2007 Three Year Truck Crash Rates
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RURAL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	59,887	4.63	0.08	1.54	0.91	0.58
2 LANES CONT. LEFT TURN LANE*	11	1.32	0.00	0.00	0.00	0.00
3 LANES UNDIVIDED*	4	0.00	0.00	0.00	0.00	0.00
4 OR MORE LANES UNDIVIDED*	44	7.95	0.00	1.99	1.10	0.88
4+ LANES CONT. LEFT TURN LANE*	21	4.94	0.00	0.99	0.33	0.00
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	56	2.29	0.00	0.54	0.54	0.13
PARTIAL CONTROL ACCESS*	3	0.70	0.00	0.70	0.00	0.70
FULL CONTROL ACCESS*	6	2.25	0.00	0.75	0.75	0.75
TOTAL	60,032	4.59	0.08	1.51	0.89	0.57

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	4,267	9.47	0.03	1.95	1.07	1.13
2 LANES CONT. LEFT TURN LANE*	19	5.22	0.00	1.04	0.52	0.00
3 LANES UNDIVIDED*	24	6.16	0.00	1.81	0.72	0.36
4 OR MORE LANES UNDIVIDED	240	8.61	0.03	1.59	0.98	1.32
4+ LANES CONT. LEFT TURN LANE	150	8.48	0.07	1.58	0.98	1.04
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	94	5.43	0.00	1.15	0.82	0.55
PARTIAL CONTROL ACCESS	38	2.74	0.00	0.59	0.52	0.22
FULL CONTROL ACCESS*	14	0.62	0.00	0.00	0.21	0.00
TOTAL	4,846	8.36	0.03	1.68	0.98	1.02

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	64,154	5.96	0.07	1.65	0.95	0.73
2 LANES CONT. LEFT TURN LANE*	30	4.12	0.00	0.75	0.37	0.00
3 LANES UNDIVIDED*	28	5.67	0.00	1.67	0.67	0.33
4 OR MORE LANES UNDIVIDED	284	8.54	0.02	1.63	0.99	1.27
4+ LANES CONT. LEFT TURN LANE	171	8.15	0.06	1.53	0.92	0.95
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	150	4.52	0.00	0.98	0.74	0.43
PARTIAL CONTROL ACCESS	41	2.54	0.00	0.60	0.47	0.27
FULL CONTROL ACCESS	20	1.20	0.00	0.27	0.40	0.27
TOTAL	64,878	6.04	0.06	1.58	0.93	0.75

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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