

STANDARD

North Carolina Department of Transportation
 Traffic Engineering and Safety Systems Branch
 Traffic Safety Systems Management Unit
 2000-2002 Three Year Crash Rates

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	23,604	56,264	58,023	137,891	139,639	277,530
FATAL CRASHES	235	634	731	1,600	1,474	3,074
NON-FATAL INJURY CRASHES	7,692	23,468	23,935	55,095	54,479	109,574
NIGHT CRASHES	7,087	16,339	19,198	42,624	54,894	97,518
WET CRASHES	5,355	10,333	9,808	25,496	23,177	48,673
PERCENT FATAL CRASHES	1.00%	1.13%	1.26%	1.16%	1.06%	1.11%
PERCENT NON-FATAL INJURY CRASHES	32.59%	41.71%	41.25%	39.96%	39.01%	39.48%
PERCENT NIGHT CRASHES	30.02%	29.04%	33.09%	30.91%	39.31%	35.14%
PERCENT WET CRASHES	22.69%	18.37%	16.90%	18.49%	16.60%	17.54%
MILES OF ROAD	801	4,229	6,925	11,955	59,550	71,505
AVERAGE DAILY TRAFFIC	39,800	9,500	4,400	8,500	600	2,000
TRAVEL (100MM) (1)	349.08	438.40	330.71	1,118.19	409.71	1,527.90
TOTAL CRASH RATE (2)	67.62	128.34	175.45	123.32	340.83	181.64
FATAL CRASH RATE (2)	0.67	1.45	2.21	1.43	3.60	2.01
NON-FATAL INJURY CRASH RATE (2)	22.03	53.53	72.38	49.27	132.97	71.72
NIGHT CRASH RATE (2)	20.30	37.27	58.05	38.12	133.98	63.82
WET CRASH RATE (2)	15.34	23.57	29.66	22.80	56.57	31.86
SEVERITY INDEX (3)	5.53	7.05	7.22	6.87	6.98	6.92

ITEMS	URBAN STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	24,921	89,512	53,718	168,151	99,632	120,014	387,797
FATAL CRASHES	106	279	165	550	266	256	1,072
NON-FATAL INJURY CRASHES	8,211	31,873	19,074	59,158	33,683	40,687	133,528
NIGHT CRASHES	6,000	18,298	10,609	34,907	21,640	25,477	82,024
WET CRASHES	5,295	15,765	9,050	30,110	16,799	19,799	66,708
PERCENT FATAL CRASHES	0.43%	0.31%	0.31%	0.33%	0.27%	0.21%	0.28%
PERCENT NON-FATAL INJURY CRASHES	32.95%	35.61%	35.51%	35.18%	33.81%	33.90%	34.43%
PERCENT NIGHT CRASHES	24.08%	20.44%	19.75%	20.76%	21.72%	21.23%	21.15%
PERCENT WET CRASHES	21.25%	17.61%	16.85%	17.91%	16.86%	16.50%	17.20%
MILES OF ROAD	237	1,278	1,113	2,628	4,306	23,224	30,158
AVERAGE DAILY TRAFFIC	76,300	18,400	11,600	20,700	5,000	1,000	3,300
TRAVEL (100MM) (1)	198.01	258.15	140.86	597.02	233.56	254.30	1,084.89
TOTAL CRASH RATE (2)	125.86	346.74	381.35	281.65	426.57	471.93	357.45
FATAL CRASH RATE (2)	0.54	1.08	1.17	0.92	1.14	1.01	0.99
NON-FATAL INJURY CRASH RATE (2)	41.47	123.47	135.41	99.09	144.21	160.00	123.08
NIGHT CRASH RATE (2)	30.30	70.88	75.31	58.47	92.65	100.18	75.61
WET CRASH RATE (2)	26.74	61.07	64.25	50.43	71.92	77.86	61.49
SEVERITY INDEX (3)	4.54	4.67	4.69	4.65	4.49	4.47	4.55

ITEMS	ALL STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL System
TOTAL CRASHES	48,525	145,776	111,741	306,042	239,271	120,014	665,327
FATAL CRASHES	341	913	896	2,150	1,740	256	4,146
NON-FATAL INJURY CRASHES	15,903	55,341	43,009	114,253	88,162	40,687	243,102
NIGHT CRASHES	13,087	34,637	29,807	77,531	76,534	25,477	179,542
WET CRASHES	10,650	26,098	18,858	55,606	39,976	19,799	115,381
PERCENT FATAL CRASHES	0.70%	0.63%	0.80%	0.70%	0.73%	0.21%	0.62%
PERCENT NON-FATAL INJURY CRASHES	32.77%	37.96%	38.49%	37.33%	36.85%	33.90%	36.54%
PERCENT NIGHT CRASHES	26.97%	23.76%	26.68%	25.33%	31.99%	21.23%	26.99%
PERCENT WET CRASHES	21.95%	17.90%	16.88%	18.17%	16.71%	16.50%	17.34%
MILES OF ROAD	1,038	5,507	8,038	14,583	63,856	23,224	101,663
AVERAGE DAILY TRAFFIC	48,100	11,600	5,400	10,700	900	1,000	2,300
TRAVEL (100MM) (1)	547.09	696.55	471.57	1,715.22	643.27	254.30	2,612.79
TOTAL CRASH RATE (2)	88.70	209.28	236.96	178.43	371.96	471.93	254.64
FATAL CRASH RATE (2)	0.62	1.31	1.90	1.25	2.70	1.01	1.59
NON-FATAL INJURY CRASH RATE (2)	29.07	79.45	91.20	66.61	137.05	160.00	93.04
NIGHT CRASH RATE (2)	23.92	49.73	63.21	45.20	118.98	100.18	68.72
WET CRASH RATE (2)	19.47	37.47	39.99	32.42	62.14	77.86	44.16
SEVERITY INDEX (3)	4.98	5.61	6.07	5.67	6.13	4.47	5.48

(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

**2000-2002 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	801	67.62	0.67	22.03	20.30	15.34

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	237	125.86	0.54	41.47	30.30	26.74

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	1,038	88.70	0.62	29.07	23.92	19.47

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

**2000-2002 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	2,664	170.47	2.12	74.31	50.49	30.42
2 LANES CONT. LEFT TURN LANE*	14	198.48	1.67	81.96	60.21	41.26
3 LANES UNDIVIDED*	16	165.85	2.15	75.39	47.92	30.15
4 OR MORE LANES UNDIVIDED	70	156.36	1.28	67.59	39.73	30.11
4+ LANES CONT. LEFT TURN LANE	180	119.77	1.14	52.16	27.71	21.69
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	594	131.76	1.25	53.08	37.13	23.62
PARTIAL CONTROL ACCESS	317	83.22	1.11	32.83	25.43	15.51
FULL CONTROL ACCESS	374	64.29	0.67	22.58	20.85	14.11
TOTAL	4,229	128.34	1.45	53.53	37.27	23.57

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	494	321.84	0.98	117.08	62.62	53.87
2 LANES CONT. LEFT TURN LANE*	9	219.28	0.86	68.79	36.12	36.98
3 LANES UNDIVIDED*	5	336.28	1.71	124.61	69.99	47.80
4 OR MORE LANES UNDIVIDED	119	631.41	1.49	235.78	120.71	109.43
4+ LANES CONT. LEFT TURN LANE	249	374.08	1.19	138.79	75.20	69.30
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	192	432.42	1.23	145.91	91.93	72.71
PARTIAL CONTROL ACCESS	112	245.66	0.76	85.97	51.56	44.10
FULL CONTROL ACCESS	98	155.81	0.89	51.24	36.08	30.96
TOTAL	1,278	346.74	1.08	123.47	70.88	61.07

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,158	204.19	1.87	83.84	53.19	35.64
2 LANES CONT. LEFT TURN LANE*	23	206.66	1.35	76.78	50.74	14.54
3 LANES UNDIVIDED*	21	206.72	2.05	87.19	53.21	34.38
4 OR MORE LANES UNDIVIDED	189	481.69	1.42	182.77	95.19	84.43
4+ LANES CONT. LEFT TURN LANE	429	283.76	1.17	108.03	58.34	52.39
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	786	236.68	1.24	85.47	56.26	40.75
PARTIAL CONTROL ACCESS	429	149.02	0.96	54.36	36.01	27.09
FULL CONTROL ACCESS	472	95.59	0.75	32.39	26.06	19.87
TOTAL	5,507	209.28	1.31	79.45	49.73	37.47

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

**2000-2002 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	6,605	182.95	2.39	75.45	61.76	30.62
2 LANES CONT. LEFT TURN LANE*	15	147.63	0.54	64.12	40.95	28.02
3 LANES UNDIVIDED*	19	222.58	2.96	91.69	46.59	38.45
4 OR MORE LANES UNDIVIDED*	42	248.01	1.72	92.36	65.23	42.41
4+ LANES CONT. LEFT TURN LANE	86.0	123.51	1.58	50.91	34.04	22.37
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	108	150.30	1.14	64.47	42.60	29.25
PARTIAL CONTROL ACCESS*	19	132.80	1.11	55.57	45.01	19.73
FULL CONTROL ACCESS	31	25.79	0.24	11.12	6.23	5.13
TOTAL	6,925	175.45	2.21	72.38	58.05	29.66

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	788	334.95	1.16	119.30	67.47	54.21
2 LANES CONT. LEFT TURN LANE*	3	104.64	0.00	53.91	22.20	15.85
3 LANES UNDIVIDED*	6	674.58	2.44	227.70	133.94	108.37
4 OR MORE LANES UNDIVIDED	103	502.41	1.40	180.86	95.85	84.90
4+ LANES CONT. LEFT TURN LANE	95	321.89	0.83	117.51	55.77	55.47
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	89	552.94	1.57	191.65	113.66	96.86
PARTIAL CONTROL ACCESS	18	255.27	0.88	90.16	53.21	44.37
FULL CONTROL ACCESS*	11	105.30	0.19	34.85	22.09	22.47
TOTAL	1,113	381.35	1.17	135.41	75.31	64.25

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,393	211.92	2.15	83.81	62.85	35.12
2 LANES CONT. LEFT TURN LANE*	18	141.38	0.46	62.63	38.22	26.25
3 LANES UNDIVIDED*	25	393.36	2.76	143.08	79.59	64.87
4 OR MORE LANES UNDIVIDED	145	449.81	1.47	162.56	89.52	76.12
4+ LANES CONT. LEFT TURN LANE	181	243.65	1.13	91.25	47.20	42.42
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	197	394.21	1.40	141.51	85.64	70.21
PARTIAL CONTROL ACCESS	37	207.65	0.97	76.71	50.02	34.79
FULL CONTROL ACCESS	42	56.88	0.22	20.40	12.43	11.91
TOTAL	8,038	236.96	1.90	91.20	63.21	39.99

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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**2000-2002 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	9,269	178.42	2.29	75.04	57.67	30.55
2 LANES CONT. LEFT TURN LANE*	29	172.62	1.10	72.88	50.42	34.52
3 LANES UNDIVIDED*	35	189.75	2.49	82.26	47.36	33.65
4 OR MORE LANES UNDIVIDED	112	185.05	1.42	75.34	47.71	33.96
4+ LANES CONT. LEFT TURN LANE	266	120.88	1.27	51.79	29.59	21.89
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	702	134.22	1.23	54.59	37.86	24.36
PARTIAL CONTROL ACCESS	336	86.41	1.11	34.30	26.69	15.78
FULL CONTROL ACCESS	1,206	66.24	0.66	21.93	20.14	14.93
TOTAL	11,955	123.32	1.43	49.27	38.12	22.80

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,282	329.59	1.09	118.39	65.49	54.07
2 LANES CONT. LEFT TURN LANE*	12	194.82	0.68	65.62	33.15	32.47
3 LANES UNDIVIDED*	11	533.73	2.13	184.78	107.31	83.15
4 OR MORE LANES UNDIVIDED	222	573.90	1.45	211.30	109.63	98.49
4+ LANES CONT. LEFT TURN LANE	344	360.38	1.09	133.21	70.10	65.67
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	281	469.18	1.34	159.86	98.56	80.07
PARTIAL CONTROL ACCESS	130	246.97	0.77	86.54	51.78	44.14
FULL CONTROL ACCESS	346	130.36	0.59	42.94	31.08	27.35
TOTAL	2,628	281.65	0.92	99.09	58.47	50.43

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	10,551	209.05	2.05	83.82	59.26	35.31
2 LANES CONT. LEFT TURN LANE*	41	179.02	0.98	70.79	45.44	33.93
3 LANES UNDIVIDED*	46	294.59	2.38	113.51	65.63	48.74
4 OR MORE LANES UNDIVIDED	334	468.63	1.44	174.49	92.86	81.02
4+ LANES CONT. LEFT TURN LANE	610	272.73	1.16	103.41	55.28	49.65
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	983	268.46	1.27	96.78	62.19	46.69
PARTIAL CONTROL ACCESS	466	154.59	0.97	56.48	37.35	27.82
FULL CONTROL ACCESS	1,552	89.26	0.64	29.47	24.06	19.39
TOTAL	14,583	178.43	1.25	66.61	45.20	32.42

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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**2000-2002 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	59,417	347.58	3.74	135.87	138.09	57.54
2 LANES CONT. LEFT TURN LANE*	7	314.51	0.00	76.88	72.22	37.28
3 LANES UNDIVIDED*	5	82.71	0.00	41.35	31.02	13.78
4 OR MORE LANES UNDIVIDED*	40	342.71	1.23	122.75	99.67	65.79
4+ LANES CONT. LEFT TURN LANE*	26	245.55	1.30	99.19	56.92	48.13
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	44	162.36	0.44	59.18	33.27	26.35
PARTIAL CONTROL ACCESS*	4	239.08	0.00	86.15	58.69	39.85
FULL CONTROL ACCESS*	7	34.39	0.35	10.28	10.99	9.57
TOTAL	59,550	340.83	3.60	132.97	133.98	56.57

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,801	422.44	1.18	142.04	94.47	69.02
2 LANES CONT. LEFT TURN LANE*	15	672.61	0.58	219.76	136.84	118.87
3 LANES UNDIVIDED*	23	590.63	0.71	185.41	111.67	90.05
4 OR MORE LANES UNDIVIDED	213	547.70	1.30	188.88	112.69	96.70
4+ LANES CONT. LEFT TURN LANE	139	432.23	1.29	144.65	90.44	75.25
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	69	333.83	0.96	113.84	67.75	60.55
PARTIAL CONTROL ACCESS	32	236.48	0.39	86.31	56.98	39.76
FULL CONTROL ACCESS*	14	124.75	0.44	40.85	30.31	30.53
TOTAL	4,306	426.57	1.14	144.21	92.65	71.92

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	63,218	367.06	3.08	137.47	126.74	60.53
2 LANES CONT. LEFT TURN LANE*	22	601.24	0.46	191.28	123.96	102.61
3 LANES UNDIVIDED*	28	543.25	0.64	171.98	104.15	82.93
4 OR MORE LANES UNDIVIDED	253	526.07	1.30	181.90	111.32	93.44
4+ LANES CONT. LEFT TURN LANE	165	413.67	1.29	140.13	87.10	72.55
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	113	279.34	0.80	96.47	56.79	49.68
PARTIAL CONTROL ACCESS	36	236.88	0.33	86.28	57.24	39.77
FULL CONTROL ACCESS	21	90.19	0.41	29.16	22.92	22.51
TOTAL	63,856	371.96	2.70	137.05	118.98	62.14

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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 2000-2002 Three Year Truck Crash Rates

ITEMS	RURAL STATE HIGHWAYS					
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL CRASHES	3,507	3,095	2,128	8,730	2,005	10,735
FATAL CRASHES	64	108	74	246	33	279
NON-FATAL INJURY CRASHES	1,101	1,192	907	3,200	734	3,934
NIGHT CRASHES	1,130	662	466	2,258	407	2,665
WET CRASHES	571	485	321	1,377	284	1,661
PERCENT FATAL CRASHES	1.82%	3.49%	3.48%	2.82%	1.65%	2.60%
PERCENT NON-FATAL INJURY CRASHES	31.39%	38.51%	42.62%	36.66%	36.61%	36.65%
PERCENT NIGHT CRASHES	32.22%	21.39%	21.90%	25.86%	20.30%	24.83%
PERCENT WET CRASHES	16.28%	15.67%	15.08%	15.77%	14.16%	15.47%
MILES OF ROAD	801	4,229	6,925	11,955	59,550	71,505
AVERAGE DAILY TRAFFIC	39,800	9,500	4,400	8,500	600	2,000
TRAVEL (100MVM) (1)	349.08	438.40	330.71	1,118.19	409.71	1,527.90
TOTAL CRASH RATE (2)	10.05	7.06	6.43	7.81	4.89	7.03
FATAL CRASH RATE (2)	0.18	0.25	0.22	0.22	0.08	0.18
NON-FATAL INJURY CRASH RATE (2)	3.15	2.72	2.74	2.86	1.79	2.57
NIGHT CRASH RATE (2)	3.24	1.51	1.41	2.02	0.99	1.74
WET CRASH RATE (2)	1.64	1.11	0.97	1.23	0.69	1.09
SEVERITY INDEX (3)	6.18	9.33	10.60	8.39	7.13	8.16

ITEMS	URBAN STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL URBAN
TOTAL CRASHES	3,007	3,241	1,517	7,765	1,986	2,469	12,220
FATAL CRASHES	28	29	9	66	10	10	86
NON-FATAL INJURY CRASHES	970	923	455	2,348	486	559	3,393
NIGHT CRASHES	716	501	191	1,408	243	295	1,946
WET CRASHES	484	484	215	1,183	256	301	1,740
PERCENT FATAL CRASHES	0.93%	0.89%	0.59%	0.85%	0.50%	0.39%	0.70%
PERCENT NON-FATAL INJURY CRASHES	32.26%	28.48%	29.99%	30.24%	24.47%	22.63%	27.76%
PERCENT NIGHT CRASHES	23.81%	15.46%	12.59%	18.13%	12.24%	11.96%	15.93%
PERCENT WET CRASHES	16.10%	14.93%	14.17%	15.24%	12.89%	12.20%	14.24%
MILES OF ROAD	237	1,278	1,113	2,628	4,306	23,224	30,158
AVERAGE DAILY TRAFFIC	76,300	18,400	11,600	20,700	5,000	1,000	3,300
TRAVEL (100MVM) (1)	198.01	258.15	140.86	597.02	233.56	254.30	1,084.89
TOTAL CRASH RATE (2)	15.19	12.55	10.77	13.01	8.50	9.71	11.26
FATAL CRASH RATE (2)	0.14	0.11	0.06	0.11	0.04	0.04	0.08
NON-FATAL INJURY CRASH RATE (2)	4.90	3.58	3.23	3.93	2.08	2.20	3.13
NIGHT CRASH RATE (2)	3.62	1.94	1.36	2.36	1.04	1.16	1.79
WET CRASH RATE (2)	2.44	1.87	1.53	1.98	1.10	1.18	1.60
SEVERITY INDEX (3)	5.07	4.92	5.17	5.03	4.72	3.49	4.54

ITEMS	ALL STATE HIGHWAYS						
	INTER-STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	NON-SYSTEM	TOTAL System
TOTAL CRASHES	6,514	6,336	3,645	16,495	3,991	2,469	22,955
FATAL CRASHES	92	137	83	312	43	10	365
NON-FATAL INJURY CRASHES	2,071	2,115	1,362	5,548	1,220	559	7,327
NIGHT CRASHES	1,846	1,163	657	3,666	650	295	4,611
WET CRASHES	1,055	969	536	2,560	540	301	3,401
PERCENT FATAL CRASHES	1.41%	2.16%	2.28%	1.89%	1.08%	0.39%	1.59%
PERCENT NON-FATAL INJURY CRASHES	31.79%	33.38%	37.37%	33.63%	30.57%	22.63%	31.92%
PERCENT NIGHT CRASHES	28.34%	18.36%	18.02%	22.22%	16.29%	11.96%	20.09%
PERCENT WET CRASHES	16.20%	15.29%	14.71%	15.52%	13.53%	12.20%	14.82%
MILES OF ROAD	1,038	5,507	8,038	14,583	63,856	23,224	101,663
AVERAGE DAILY TRAFFIC	48,100	11,600	5,400	10,700	900	1,000	2,300
TRAVEL (100MVM) (1)	547.09	696.55	471.57	1,715.22	643.27	254.30	2,612.79
TOTAL CRASH RATE (2)	11.91	9.10	7.73	9.62	6.20	9.71	8.79
FATAL CRASH RATE (2)	0.17	0.20	0.18	0.18	0.07	0.04	0.14
NON-FATAL INJURY CRASH RATE (2)	3.79	3.04	2.89	3.23	1.90	2.20	2.80
NIGHT CRASH RATE (2)	3.37	1.67	1.39	2.14	1.01	1.16	1.76
WET CRASH RATE (2)	1.93	1.39	1.14	1.49	0.84	1.18	1.30
SEVERITY INDEX (3)	5.64	7.02	8.43	6.76	6.15	3.49	6.14

(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

**2000-2002 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	801	10.05	0.18	3.15	3.24	1.64
TOTAL	801	10.05	0.18	3.15	3.24	1.64

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	237	15.19	0.14	4.90	3.62	2.44
TOTAL	237	15.19	0.14	4.90	3.62	2.44

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	1,038	11.91	0.17	3.79	3.37	1.93
TOTAL	1,038	11.91	0.17	3.79	3.37	1.93

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

**2000-2002 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	2,664	8.96	0.39	3.52	1.82	1.40
2 LANES CONT. LEFT TURN LANE*	14	5.58	0.56	3.35	0.56	0.00
3 LANES UNDIVIDED*	16	4.85	0.00	2.15	0.54	1.62
4 OR MORE LANES UNDIVIDED	70	8.73	0.10	4.22	1.86	1.18
4+ LANES CONT. LEFT TURN LANE	180	5.68	0.19	2.44	1.24	1.11
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	594	7.41	0.21	2.81	1.50	1.07
PARTIAL CONTROL ACCESS	317	5.27	0.13	1.81	1.09	0.93
FULL CONTROL ACCESS	374	4.29	0.10	1.46	1.28	0.67
TOTAL	4,229	7.06	0.25	2.72	1.51	1.11

URBAN UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	494	10.68	0.09	3.15	1.72	1.63
2 LANES CONT. LEFT TURN LANE*	9	6.88	0.00	2.58	0.86	0.00
3 LANES UNDIVIDED*	5	6.83	0.00	1.71	0.00	3.41
4 OR MORE LANES UNDIVIDED	119	18.55	0.09	5.33	2.48	2.71
4+ LANES CONT. LEFT TURN LANE	249	10.83	0.09	3.09	1.52	1.89
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	192	16.70	0.16	4.61	2.60	1.96
PARTIAL CONTROL ACCESS	112	12.27	0.03	3.61	1.79	1.88
FULL CONTROL ACCESS	98	8.67	0.20	2.39	1.79	1.59
TOTAL	1,278	12.55	0.11	3.58	1.94	1.87

ALL UNITED STATES ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,158	9.35	0.32	3.44	1.80	1.45
2 LANES CONT. LEFT TURN LANE*	23	6.09	0.34	3.04	0.68	0.00
3 LANES UNDIVIDED*	21	5.32	0.00	2.05	0.41	2.05
4 OR MORE LANES UNDIVIDED	189	15.46	0.09	4.98	2.29	2.23
4+ LANES CONT. LEFT TURN LANE	429	9.00	0.12	2.86	1.42	1.61
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	786	10.66	0.20	3.44	1.88	1.38
PARTIAL CONTROL ACCESS	429	8.10	0.09	2.54	1.37	1.32
FULL CONTROL ACCESS	472	5.79	0.14	1.78	1.45	0.99
TOTAL	5,507	9.10	0.20	3.04	1.67	1.39

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

**2000-2002 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	6,605	6.71	0.24	2.88	1.47	1.03
2 LANES CONT. LEFT TURN LANE*	15	2.69	0.00	0.54	0.54	0.00
3 LANES UNDIVIDED*	19	17.01	0.74	5.92	4.44	2.96
4 OR MORE LANES UNDIVIDED*	42	8.83	0.22	3.01	1.72	1.29
4+ LANES CONT. LEFT TURN LANE	86.0	4.14	0.08	1.36	0.98	0.68
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	108	5.53	0.19	2.67	1.14	0.64
PARTIAL CONTROL ACCESS*	19	4.72	0.00	2.22	1.39	0.28
FULL CONTROL ACCESS	31	0.98	0.00	0.49	0.00	0.12
TOTAL	6,925	6.43	0.22	2.74	1.41	0.97

URBAN NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	788	9.59	0.09	2.83	1.20	1.28
2 LANES CONT. LEFT TURN LANE*	3	0.00	0.00	0.00	0.00	0.00
3 LANES UNDIVIDED*	6	19.48	0.00	3.65	1.22	3.65
4 OR MORE LANES UNDIVIDED	103	13.08	0.00	4.10	1.46	1.74
4+ LANES CONT. LEFT TURN LANE	95	8.78	0.05	2.40	0.83	1.37
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	89	15.43	0.08	4.80	2.28	2.44
PARTIAL CONTROL ACCESS	18	12.02	0.00	4.42	1.94	1.24
FULL CONTROL ACCESS*	11	2.09	0.00	0.19	0.19	0.38
TOTAL	1,113	10.77	0.06	3.23	1.36	1.53

ALL NORTH CAROLINA ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	7,393	7.26	0.21	2.87	1.42	1.08
2 LANES CONT. LEFT TURN LANE*	18	2.30	0.00	0.46	0.46	0.00
3 LANES UNDIVIDED*	25	17.94	0.46	5.06	3.22	3.22
4 OR MORE LANES UNDIVIDED	145	12.20	0.04	3.87	1.51	1.65
4+ LANES CONT. LEFT TURN LANE	181	6.95	0.06	1.99	0.89	1.10
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	197	11.53	0.13	3.96	1.83	1.73
PARTIAL CONTROL ACCESS	37	9.18	0.00	3.57	1.73	0.86
FULL CONTROL ACCESS	42	1.41	0.00	0.37	0.07	0.22
TOTAL	8,038	7.73	0.18	2.89	1.39	1.14

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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**2000-2002 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	9,269	7.53	0.30	3.11	1.60	1.16
2 LANES CONT. LEFT TURN LANE*	29	4.11	0.27	1.92	0.55	0.00
3 LANES UNDIVIDED*	35	9.97	0.31	3.74	2.18	2.18
4 OR MORE LANES UNDIVIDED	112	8.76	0.13	3.84	1.82	1.21
4+ LANES CONT. LEFT TURN LANE	266	5.22	0.16	2.12	1.16	0.98
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	702	7.16	0.21	2.79	1.45	1.01
PARTIAL CONTROL ACCESS	336	5.23	0.12	1.84	1.11	0.89
FULL CONTROL ACCESS	1,206	8.85	0.17	2.80	2.83	1.44
TOTAL	11,955	7.81	0.22	2.86	2.02	1.23

URBAN PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,282	10.03	0.09	2.96	1.41	1.42
2 LANES CONT. LEFT TURN LANE*	12	5.41	0.00	2.03	0.68	0.00
3 LANES UNDIVIDED*	11	14.21	0.00	2.84	0.71	3.55
4 OR MORE LANES UNDIVIDED	222	16.11	0.05	4.78	2.03	2.28
4+ LANES CONT. LEFT TURN LANE	344	10.29	0.08	2.91	1.34	1.75
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	281	16.32	0.14	4.67	2.50	2.11
PARTIAL CONTROL ACCESS	130	12.24	0.02	3.72	1.81	1.79
FULL CONTROL ACCESS	346	13.83	0.15	4.38	3.24	2.26
TOTAL	2,628	13.01	0.11	3.93	2.36	1.98

ALL PRIMARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	10,551	8.03	0.25	3.08	1.56	1.21
2 LANES CONT. LEFT TURN LANE*	41	4.49	0.20	1.95	0.59	0.00
3 LANES UNDIVIDED*	46	11.26	0.22	3.47	1.73	2.60
4 OR MORE LANES UNDIVIDED	334	14.12	0.07	4.52	1.97	1.99
4+ LANES CONT. LEFT TURN LANE	610	8.44	0.11	2.62	1.27	1.47
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	983	10.83	0.18	3.54	1.87	1.45
PARTIAL CONTROL ACCESS	466	8.21	0.08	2.64	1.41	1.27
FULL CONTROL ACCESS	1,552	10.64	0.16	3.37	2.98	1.73
TOTAL	14,583	9.62	0.18	3.23	2.14	1.49

NOTE: INCLUDES ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES
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**2000-2002 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	59,417	4.92	0.08	1.80	1.00	0.69
2 LANES CONT. LEFT TURN LANE*	7	2.33	0.00	2.33	2.33	0.00
3 LANES UNDIVIDED*	5	0.00	0.00	0.00	0.00	0.00
4 OR MORE LANES UNDIVIDED*	40	6.87	0.00	3.44	0.98	0.98
4+ LANES CONT. LEFT TURN LANE*	26	3.58	0.00	0.33	0.33	0.98
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	44	5.00	0.00	1.77	1.03	0.74
PARTIAL CONTROL ACCESS*	4	2.69	0.00	0.54	0.00	0.00
FULL CONTROL ACCESS*	7	2.48	0.35	0.35	1.06	0.71
TOTAL	59,550	4.89	0.08	1.79	0.99	0.69

URBAN SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,801	8.59	0.05	2.06	1.04	1.06
2 LANES CONT. LEFT TURN LANE*	15	9.28	0.00	1.74	1.16	0.58
3 LANES UNDIVIDED*	23	12.05	0.00	3.19	0.71	1.77
4 OR MORE LANES UNDIVIDED	213	10.98	0.09	2.87	1.25	1.62
4+ LANES CONT. LEFT TURN LANE	139	8.29	0.00	2.01	1.08	0.97
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	69	6.17	0.00	1.30	1.03	1.10
PARTIAL CONTROL ACCESS	32	4.23	0.00	1.28	0.59	0.30
FULL CONTROL ACCESS*	14	2.86	0.00	0.88	0.44	0.66
TOTAL	4,306	8.50	0.04	2.08	1.04	1.10

ALL SECONDARY ROUTES

ROAD TYPE	SYSTEM MILES	TOTAL	FATAL	NON-FATAL INJURY	NIGHT	WET
2 LANES UNDIVIDED	63,218	5.87	0.07	1.87	1.01	0.79
2 LANES CONT. LEFT TURN LANE*	22	7.89	0.00	1.86	1.39	0.46
3 LANES UNDIVIDED*	28	10.93	0.00	2.89	0.64	1.61
4 OR MORE LANES UNDIVIDED	253	10.55	0.08	2.93	1.22	1.55
4+ LANES CONT. LEFT TURN LANE	165	7.82	0.00	1.84	1.00	0.97
4 OR MORE LANES DIVIDED WITH NO CONTROL ACCESS	113	5.80	0.00	1.45	1.03	0.98
PARTIAL CONTROL ACCESS	36	3.99	0.00	1.16	0.50	0.25
FULL CONTROL ACCESS	21	2.71	0.14	0.68	0.68	0.68
TOTAL	63,856	6.20	0.07	1.90	1.01	0.84

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