



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT, JR.  
GOVERNOR

DIVISION OF HIGHWAYS  
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

R. SAMUEL HUNT III  
SECRETARY

March 7, 1994

MEMORANDUM

TO: Area Traffic Engineers and Unit Heads

FROM: J. F. Rosendahl *J. F. Rosendahl*  
Traffic Safety Systems Engineer

SUBJECT: Traffic Accident Rates by Road Types and Systems for 1993 and 1991 thru 1993

Attached for your information and use are various traffic accident rate tables for Rural and Municipal (Urban) route systems for 1993 and 1991 thru 1993. Accident Rates are in accidents per 100 million vehicle miles traveled for all vehicles. Truck accident rates are in either truck accidents per 100 million vehicle miles traveled by all vehicles or truck accidents per mile. Total and truck accident rates have been calculated for the National Truck Network.

If you need other types of annual traffic accident data summaries to be included in these tables, please advise. If you need additional information about these accident rates, please call Sarah Smith at (919) 733-3915.

JFR/SKS:ss

Attachments

cc: Alexander Killens, Att.  
Larry Goode, Ph.D., P.E., Att.  
J. M. Lynch, P.E., Att.  
C. W. Leggett, P.E., Att. (5)  
Joe Parker, Att. (5)  
W. H. Web, P.E., Att. (5)  
Ed Shuller, P.E., Att. (5)  
Ken Creech, P.E., Att. (5)  
Col. R. A. Barefoot, Att. (5)  
Rosa Gill, Att. (5)  
Frank Vick, P.E., Att. (5)  
Ron Poole, Ph.D., P.E., Att. (5)  
Don Morton, P.E., Att. (5)  
Forrest Council, Ph.D., Att. (5)  
N. C. Crowe, Jr., P.E., Att.  
Troy Peoples, P.E., Att.  
Lori Cove (3)  
Assistant Area Traffic Engineers, Att.  
Area Accident Investigation Engineers, Att.  
Division Engineers, Att.  
Division Traffic Engineers, Att.  
Traffic Safety Systems Management Unit, Att.  
Field Support Staff, Att.



**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
1993 ACCIDENT RATES**

**RURAL STATE HIGHWAYS**

ITEMS	INTER- STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROAD	TOTAL RURAL
TOTAL ACCIDENTS	4,894	16,700	17,194	38,788	44,840	83,628
FATAL ACCIDENTS	74	196	215	485	433	918
NON-FATAL INJURY ACCIDENTS	1,934	7,875	7,909	17,718	18,749	36,467
NIGHT ACCIDENTS	1,548	4,818	5,358	11,724	15,812	27,536
WET ACCIDENTS	955	3,507	3,537	7,999	7,956	15,955
% FATAL ACCIDENTS	1.5%	1.2%	1.3%	1.3%	1.0%	1.1%
% NON-FATAL INJURY ACCIDENTS	39.5%	47.2%	46.0%	45.7%	41.8%	43.6%
% NIGHT ACCIDENTS	31.6%	28.9%	31.2%	30.2%	35.3%	32.9%
% WET ACCIDENTS	19.5%	21.0%	20.6%	20.6%	17.7%	19.1%
MILES OF ROAD	791	4,257	6,883	11,931	59,367	71,298
AVERAGE DAILY TRAFFIC	29,594	7,102	3,332	6,135	600	1,531
TRAVEL (100MVM)	85.43	110.37	83.71	268.38	130.0	398.4
TOTAL ACCIDENT RATE (2)	57.3	151.3	205.4	144.5	344.9	209.9
FATAL ACCIDENT RATE (2)	0.9	1.8	2.6	1.8	3.3	2.3
NON-FATAL INJURY ACCIDENT RATE (2)	22.6	71.4	94.5	66.0	144.2	91.5
NIGHT ACCIDENT RATE (2)	18.1	43.7	64.0	43.7	121.6	69.1
WET ACCIDENT RATE (2)	11.2	31.8	42.3	29.8	61.2	40.0
SEVERITY INDEX (3)	11.5	13.1	13.1	12.9	12.0	12.4

**URBAN STATE HIGHWAYS**

ITEMS	INTER- STATE	UNITED STATES	NORTH CAROLINA	PRIMARY	SECONDARY ROUTE (4)	NON-SYSTEM	TOTAL URBAN
TOTAL ACCIDENTS	4,350	17,016	10,267	31,633	15,809	88,253	135,695
FATAL ACCIDENTS	26	53	16	95	53	149	297
NON-FATAL INJURY ACCIDENTS	1,623	6,920	4,240	12,783	6,397	26,120	45,300
NIGHT ACCIDENTS	1,041	3,355	2,046	6,442	3,205	18,799	28,446
WET ACCIDENTS	864	3,701	2,135	6,700	3,335	15,166	25,201
% FATAL ACCIDENTS	0.6%	0.3%	0.2%	0.3%	0.3%	0.2%	0.2%
% NON-FATAL INJURY ACCIDENTS	37.3%	40.7%	41.3%	40.4%	40.5%	29.6%	33.4%
% NIGHT ACCIDENTS	23.9%	19.7%	19.9%	20.4%	20.3%	21.3%	21.0%
% WET ACCIDENTS	19.9%	21.8%	20.8%	21.2%	21.1%	17.2%	18.6%
MILES OF ROAD	179	1,214	1,013	2,407	2,288	15,679	20,374
AVERAGE DAILY TRAFFIC	55,622	15,256	9,710	15,450	6,086	1,000	3,335
TRAVEL (100MVM) (1)	36.43	67.62	35.91	139.96	50.83	57.23	248.02
TOTAL ACCIDENT RATE (2)	119.4	251.6	285.9	226.0	311.0	1542.2	547.1
FATAL ACCIDENT RATE (2)	0.7	0.8	0.4	0.7	1.0	2.6	1.2
NON-FATAL INJURY ACCIDENT RATE (2)	44.5	102.3	118.1	91.3	125.8	456.4	182.6
NIGHT ACCIDENT RATE (2)	28.6	49.6	57.0	46.0	63.0	328.5	114.7
WET ACCIDENT RATE (2)	23.7	54.7	59.5	47.9	65.6	265.0	101.6
SEVERITY INDEX (3)	9.7	10.3	10.7	10.4	10.0	7.7	8.5

(1) ESTIMATED VALUE

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

(3) SEVERITY INDEX =  $(64 * (F + A) + 19.1 * (B + C) + PDO) / \text{TOTAL ACC.}$

(4) INCLUDED ONLY ROUTE SEGMENTS WITH COMPUTERIZED TRAFFIC VOLUMES

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL INTERSTATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM	NON-FATAL				
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	791	57.3	0.9	22.6	18.1	11.2
<b>TOTAL</b>	791	57.3	0.9	22.6	18.1	11.2

**URBAN INTERSTATE ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM	NON-FATAL				
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	179	119.4	0.7	44.5	28.6	23.7
<b>TOTAL</b>	179	119.4	0.7	44.5	28.6	23.7

NOTE: Includes only route segments with computerized traffic volume

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL UNITED STATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,002	179.3	2.6	85.6	50.4	37.4
3 LANES UNDIVIDED	36	130.2	0.7	56.7	32.9	35.0
4 OR MORE LANES UNDIVIDED	247	193.7	1.8	90.8	47.6	40.0
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	491	123.5	1.1	58.1	34.2	24.0
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	232	89.7	0.8	43.1	27.0	16.6
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	249	59.9	0.5	23.2	20.9	12.7
<b>TOTAL</b>	<b>4,257</b>	<b>151.3</b>	<b>1.8</b>	<b>71.4</b>	<b>43.7</b>	<b>31.8</b>

**URBAN UNITED STATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	553	267.0	1.5	110.0	44.9	50.0
3 LANES UNDIVIDED *	5	378.9	0.0	153.4	94.7	94.7
4 OR MORE LANES UNDIVIDED	332	357.2	0.5	144.7	71.2	77.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	179	229.6	0.3	94.3	50.0	54.2
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	69	160.3	1.2	66.4	36.1	40.2
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	76	74.9	0.5	26.9	16.7	21.8
<b>TOTAL</b>	<b>1,214</b>	<b>251.6</b>	<b>0.8</b>	<b>102.3</b>	<b>49.6</b>	<b>54.7</b>

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL NORTH CAROLINA ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	6,715	210.1	2.7	96.7	66.0	43.3
3 LANES UNDIVIDED *	13	189.0	5.6	89.0	55.6	61.2
4 OR MORE LANES UNDIVIDED	57	223.3	1.0	102.7	53.6	38.2
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	66	117.9	0.9	55.1	37.4	24.1
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	23	185.9	3.4	73.5	50.5	47.1
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	62.9	2.0	39.3	15.7	15.7
<b>TOTAL</b>	<b>6,883</b>	<b>205.4</b>	<b>2.6</b>	<b>94.5</b>	<b>64.0</b>	<b>42.3</b>

**URBAN NORTH CAROLINA ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	783	254.9	0.5	104.3	48.4	48.3
3 LANES UNDIVIDED *	5	265.9	0.0	91.8	82.2	53.2
4 OR MORE LANES UNDIVIDED	169	356.3	0.3	148.4	72.8	77.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	45	326.9	0.3	137.5	70.2	82.7
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	4	134.0	0.0	43.8	16.4	35.6
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	126.1	2.4	58.8	37.2	33.6
<b>TOTAL</b>	<b>1,013</b>	<b>285.9</b>	<b>0.4</b>	<b>118.1</b>	<b>57.0</b>	<b>59.5</b>

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	9,717	197.4	2.7	92.1	59.5	40.8
3 LANES UNDIVIDED	49	136.8	1.2	60.3	35.4	37.9
4 OR MORE LANES UNDIVIDED	307	195.9	1.7	91.8	47.9	39.0
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	557	122.7	1.0	57.7	34.7	24.0
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	255	96.8	1.0	45.4	28.8	18.8
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,045	56.1	0.7	22.8	17.8	11.1
<b>TOTAL</b>	<b>11,931</b>	<b>136.4</b>	<b>1.7</b>	<b>62.5</b>	<b>40.7</b>	<b>27.9</b>

**URBAN ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,335	260.3	0.9	106.9	46.8	49.1
3 LANES UNDIVIDED *	10	324.3	0.0	123.7	88.7	74.7
4 OR MORE LANES UNDIVIDED	501	356.8	0.4	145.8	71.7	77.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	224	250.5	0.3	103.6	54.4	60.3
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	74	158.7	1.1	65.1	35.0	40.0
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	263	109.6	0.7	41.2	24.8	22.5
<b>TOTAL</b>	<b>2,407</b>	<b>225.7</b>	<b>0.7</b>	<b>91.3</b>	<b>45.5</b>	<b>47.5</b>

**ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,053	211.6	2.3	95.4	56.7	42.7
3 LANES UNDIVIDED	59	176.2	1.0	73.6	46.6	45.7
4 OR MORE LANES UNDIVIDED	808	310.2	0.8	130.2	64.8	66.2
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	781	176.7	0.7	77.1	43.0	39.3
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	329	118.1	1.1	52.1	30.9	26.1
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,309	73.3	0.7	28.7	20.0	14.7
<b>TOTAL</b>	<b>14,338</b>	<b>166.2</b>	<b>1.4</b>	<b>72.1</b>	<b>42.3</b>	<b>34.4</b>

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL INTERSTATES ROUTES**

Accident Rates (per 100MVM)

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	791	48.3	0.7	20.3	15.2	11.8
<b>TOTAL</b>	791	48.3	0.7	20.3	15.2	11.8

**URBAN INTERSTATE ROUTES**

Accident Rates (per 100MVM)

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	179	111.0	0.6	42.7	26.5	27.0
<b>TOTAL</b>	179	111.0	0.6	42.7	26.5	27.0

NOTE: Includes only route segments with computerized traffic volume

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL UNITED STATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,002	169.1	2.4	80.6	47.3	41.3
3 LANES UNDIVIDED	36	133.7	1.9	63.2	36.9	35.9
4 OR MORE LANES UNDIVIDED	247	181.4	2.0	86.9	45.4	41.6
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	491	115.8	1.1	55.1	32.1	25.8
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	232	89.7	1.0	42.9	26.0	19.8
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	249	51.6	0.7	21.5	17.6	12.1
<b>TOTAL</b>	<b>4,257</b>	<b>138.2</b>	<b>1.8</b>	<b>65.6</b>	<b>38.5</b>	<b>32.8</b>

**URBAN UNITED STATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	553	255.8	1.2	105.0	42.3	54.3
3 LANES UNDIVIDED *	5	293.2	1.5	136.8	60.1	64.7
4 OR MORE LANES UNDIVIDED	332	327.8	0.6	132.5	66.5	76.9
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	179	219.0	0.6	92.7	47.3	54.6
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	69	144.5	0.7	61.0	31.9	40.8
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	76	67.2	0.4	25.9	15.3	20.3
<b>TOTAL</b>	<b>1,214</b>	<b>234.8</b>	<b>0.7</b>	<b>96.3</b>	<b>46.3</b>	<b>55.5</b>

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL NORTH CAROLINA ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	6,715	195.5	2.6	91.0	61.3	44.8
3 LANES UNDIVIDED *	13	218.7	1.9	101.9	68.6	79.7
4 OR MORE LANES UNDIVIDED	57	239.9	2.0	105.5	53.9	52.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	66	120.6	1.1	53.5	37.6	24.2
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	23	176.4	19.0	81.9	47.8	36.7
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	53.7	0.7	29.5	12.5	16.4
<b>TOTAL</b>	<b>6,883</b>	<b>192.4</b>	<b>2.5</b>	<b>89.4</b>	<b>59.7</b>	<b>44.0</b>

**URBAN NORTH CAROLINA ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	783	251.4	0.8	103.9	48.7	54.6
3 LANES UNDIVIDED *	5	265.9	0.0	99.9	61.2	62.8
4 OR MORE LANES UNDIVIDED	169	345.4	0.4	144.1	68.8	82.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	45	316.2	0.5	131.5	71.9	85.1
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	4	106.7	0.0	39.2	17.3	19.1
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	104.9	0.8	49.2	25.2	31.2
<b>TOTAL</b>	<b>1,013</b>	<b>279.0</b>	<b>0.7</b>	<b>115.8</b>	<b>55.8</b>	<b>64.6</b>

NOTE: Includes only route segments with computerized traffic volume  
\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	9,717	184.6	2.5	86.7	55.5	43.4
3 LANES UNDIVIDED	49	143.2	1.9	67.6	40.4	40.8
4 OR MORE LANES UNDIVIDED	307	188.4	2.0	88.5	46.1	42.6
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	557	116.4	1.1	54.9	32.8	25.6
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	255	96.1	1.1	45.8	27.6	21.1
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,045	48.8	0.7	20.5	15.5	11.9
<b>TOTAL</b>	<b>11,931</b>	<b>127.0</b>	<b>1.6</b>	<b>58.9</b>	<b>37.7</b>	<b>29.7</b>

**URBAN ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,335	253.4	1.0	104.4	45.8	54.5
3 LANES UNDIVIDED *	10	280.0	0.8	119.0	60.7	63.8
4 OR MORE LANES UNDIVIDED	501	333.2	0.5	136.1	67.2	78.6
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	224	239.9	0.5	101.1	52.6	61.2
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	74	142.3	0.6	59.7	31.1	39.5
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	263	102.2	0.6	39.5	24.2	25.7
<b>TOTAL</b>	<b>2,407</b>	<b>213.9</b>	<b>0.7</b>	<b>87.4</b>	<b>43.6</b>	<b>50.4</b>

**ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,053	200.1	2.1	90.7	53.3	45.9
3 LANES UNDIVIDED	59	172.0	1.6	78.4	44.7	45.7
4 OR MORE LANES UNDIVIDED	808	291.3	0.9	122.3	61.1	68.2
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	781	168.6	0.9	74.4	41.2	40.6
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	329	112.0	0.9	50.6	28.8	27.4
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,309	65.9	0.7	26.6	18.3	16.3
<b>TOTAL</b>	<b>14,338</b>	<b>156.0</b>	<b>1.3</b>	<b>68.4</b>	<b>39.7</b>	<b>36.6</b>

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL INTERSTATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM	NON-FATAL				
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	791	8.9	0.2	3.5	3.0	1.7
<b>TOTAL</b>	791	8.9	0.2	3.5	3.0	1.7

**URBAN INTERSTATE ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM	NON-FATAL				
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	179	15.0	0.1	4.9	3.4	2.6
<b>TOTAL</b>	179	15.0	0.1	4.9	3.4	2.6

NOTE: Includes only route segments with computerized traffic volume

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL UNITED STATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,002	10.0	0.5	4.4	2.3	2.2
3 LANES UNDIVIDED	36	3.5	0.2	1.4	0.2	0.2
4 OR MORE LANES UNDIVIDED	247	7.7	0.3	3.1	1.6	1.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	491	7.4	0.1	3.6	1.7	1.1
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	232	7.0	0.2	2.8	2.1	1.3
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	249	4.5	0.1	1.5	1.5	0.7
<b>TOTAL</b>	<b>4,257</b>	<b>8.3</b>	<b>0.3</b>	<b>3.6</b>	<b>2.0</b>	<b>1.6</b>

**URBAN UNITED STATES ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	553	11.5	0.2	3.8	1.9	2.4
3 LANES UNDIVIDED *	5	13.5	0.0	0.0	0.0	3.0
4 OR MORE LANES UNDIVIDED	332	12.4	0.0	3.4	1.6	2.5
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	179	11.2	0.1	3.6	2.2	2.2
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	69	8.8	0.1	2.8	1.7	1.8
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	76	4.9	0.0	1.7	0.8	1.4
<b>TOTAL</b>	<b>1,214</b>	<b>10.6</b>	<b>0.1</b>	<b>3.2</b>	<b>1.7</b>	<b>2.2</b>

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL NORTH CAROLINA ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	6,715	8.3	0.4	3.8	1.8	1.7
3 LANES UNDIVIDED *	13	18.5	0.0	11.1	5.6	7.4
4 OR MORE LANES UNDIVIDED	57	10.9	0.5	2.6	2.5	1.8
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	66	5.1	0.3	1.6	1.0	0.5
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	23	6.9	0.0	1.5	1.5	0.4
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	0.7	0.0	0.7	0.7	0.0
<b>TOTAL</b>	6,883	8.2	0.4	3.6	1.8	1.6

**URBAN NORTH CAROLINA ROUTES**

**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	783	10.1	0.1	3.1	1.4	1.8
3 LANES UNDIVIDED *	5	4.8	0.0	1.6	3.2	0.0
4 OR MORE LANES UNDIVIDED	169	10.0	0.0	2.8	1.7	1.5
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	45	8.3	0.0	2.7	1.4	1.7
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	4	3.6	0.0	0.0	0.0	0.0
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	4.8	0.0	2.4	0.8	1.2
<b>TOTAL</b>	1,013	9.7	0.1	2.9	1.5	1.7

NOTE: Includes only route segments with computerized traffic volume  
\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	9,717	9.0	0.4	4.0	2.0	1.9
3 LANES UNDIVIDED	49	5.2	0.2	2.5	0.8	1.0
4 OR MORE LANES UNDIVIDED	307	8.1	0.3	3.1	1.7	1.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	557	7.1	0.1	3.3	1.6	1.0
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	255	7.0	0.1	2.7	2.0	1.2
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,045	8.3	0.2	3.2	2.8	1.6
<b>TOTAL</b>	11,931	8.4	0.3	3.6	2.2	1.6

**URBAN ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,335	10.8	0.1	3.4	1.6	2.1
3 LANES UNDIVIDED *	10	9.3	0.0	0.8	1.6	1.6
4 OR MORE LANES UNDIVIDED	501	11.6	0.0	3.2	1.6	2.2
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	224	10.6	0.1	3.4	2.0	2.1
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	74	8.5	0.1	2.6	1.6	1.7
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	263	12.8	0.1	4.2	2.9	2.4
<b>TOTAL</b>	2,407	11.5	0.1	3.6	2.1	2.2

**ALL PRIMARY ROUTES**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,053	9.4	0.4	3.9	1.9	1.9
3 LANES UNDIVIDED	59	6.1	0.2	2.1	1.0	1.1
4 OR MORE LANES UNDIVIDED	808	10.6	0.1	3.2	1.7	1.9
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	781	8.6	0.1	3.4	1.8	1.5
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	329	7.5	0.1	2.7	1.9	1.4
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,309	9.8	0.2	3.5	2.8	1.8
<b>TOTAL</b>	14,338	9.5	0.2	3.6	2.2	1.8

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL INTERSTATES ROUTES**

**Truck Accidents per Mile**

ROAD TYPES	SYSTEM	NON-FATAL				
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	791	2.90	0.08	1.13	0.97	0.55
<b>TOTAL</b>	791	2.90	0.08	1.13	0.97	0.55

**URBAN INTERSTATE ROUTES**

**Truck Accidents per Mile**

ROAD TYPES	SYSTEM	NON-FATAL				
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	0	-	-	-	-	-
3 LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES UNDIVIDED	0	-	-	-	-	-
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	0	-	-	-	-	-
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	179	9.12	0.08	3.01	2.10	1.60
<b>TOTAL</b>	179	9.12	0.08	3.01	2.10	1.60

NOTE: Includes only route segments with computerized traffic volume

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL UNITED STATES ROUTES**

**Truck Accidents per Mile**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	3,002	0.54	0.02	0.24	0.12	0.12
3 LANES UNDIVIDED	36	0.42	0.03	0.17	0.03	0.03
4 OR MORE LANES UNDIVIDED	247	0.95	0.04	0.38	0.20	0.17
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	491	0.97	0.01	0.47	0.23	0.15
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	232	0.98	0.02	0.40	0.29	0.18
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	249	0.67	0.02	0.22	0.22	0.10
<b>TOTAL</b>	4,257	0.64	0.02	0.28	0.15	0.13

**URBAN UNITED STATES ROUTES**

**Truck Accidents per Mile**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	553	1.07	0.02	0.35	0.18	0.22
3 LANES UNDIVIDED *	5	1.75	0.00	0.00	0.00	0.39
4 OR MORE LANES UNDIVIDED	332	2.32	0.01	0.64	0.30	0.46
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	179	2.70	0.03	0.85	0.52	0.54
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	69	2.23	0.01	0.71	0.42	0.45
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	76	1.80	0.01	0.60	0.28	0.51
<b>TOTAL</b>	1,214	1.77	0.02	0.54	0.28	0.37

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not significant.



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL NORTH CAROLINA ROUTES**

**Truck Accidents per Mile**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	6,715	0.28	0.01	0.13	0.06	0.06
3 LANES UNDIVIDED *	13	0.75	0.00	0.45	0.22	0.30
4 OR MORE LANES UNDIVIDED	57	1.16	0.05	0.28	0.26	0.19
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	66	0.80	0.05	0.26	0.15	0.08
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	23	0.78	0.00	0.17	0.17	0.04
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	0.12	0.00	0.12	0.12	0.00
<b>TOTAL</b>	6,883	0.30	0.01	0.13	0.06	0.06

**URBAN NORTH CAROLINA ROUTES**

**Truck Accidents per Mile**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	783	0.81	0.01	0.25	0.11	0.15
3 LANES UNDIVIDED *	5	0.66	0.00	0.22	0.44	0.00
4 OR MORE LANES UNDIVIDED	169	1.72	0.00	0.47	0.29	0.25
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	45	2.18	0.00	0.71	0.36	0.45
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS *	4	0.89	0.00	0.00	0.00	0.00
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS *	8	1.54	0.00	0.77	0.26	0.38
<b>TOTAL</b>	1,013	1.03	0.01	0.31	0.16	0.18

NOTE: Includes only route segments with computerized traffic volume  
\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL ALL PRIMARY ROUTES**  
**Truck Accidents per Mile**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	9,717	0.36	0.02	0.16	0.08	0.08
3 LANES UNDIVIDED	49	0.51	0.02	0.24	0.08	0.10
4 OR MORE LANES UNDIVIDED	307	0.99	0.04	0.37	0.21	0.17
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	557	0.95	0.02	0.45	0.22	0.14
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	255	0.96	0.02	0.38	0.28	0.16
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,045	2.35	0.06	0.90	0.79	0.44
<b>TOTAL</b>	<b>11,931</b>	<b>0.59</b>	<b>0.02</b>	<b>0.25</b>	<b>0.16</b>	<b>0.12</b>

**URBAN ALL PRIMARY ROUTES**  
**Truck Accidents per Mile**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,335	0.92	0.01	0.29	0.14	0.18
3 LANES UNDIVIDED *	10	1.24	0.00	0.10	0.21	0.21
4 OR MORE LANES UNDIVIDED	501	2.12	0.01	0.59	0.30	0.39
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	224	2.59	0.03	0.83	0.49	0.52
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	74	2.15	0.01	0.67	0.39	0.42
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	263	6.78	0.06	2.25	1.52	1.25
<b>TOTAL</b>	<b>2,407</b>	<b>2.01</b>	<b>0.02</b>	<b>0.61</b>	<b>0.35</b>	<b>0.38</b>

**ALL PRIMARY ROUTES**  
**Truck Accidents per Mile**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	11,053	0.43	0.02	0.18	0.09	0.09
3 LANES UNDIVIDED	59	0.63	0.02	0.22	0.10	0.12
4 OR MORE LANES UNDIVIDED	808	1.69	0.02	0.51	0.27	0.31
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	781	1.42	0.02	0.56	0.30	0.25
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	329	1.23	0.02	0.44	0.31	0.22
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,309	3.24	0.06	1.17	0.94	0.61
<b>TOTAL</b>	<b>14,338</b>	<b>0.83</b>	<b>0.02</b>	<b>0.30</b>	<b>0.18</b>	<b>0.16</b>

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL NATIONAL TRUCK NETWORK**  
Accident Rates (per 100MVM)

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	966	139.5	2.5	67.0	42.7	36.3
3 LANES UNDIVIDED	24	133.4	1.6	59.3	42.6	34.4
4 OR MORE LANES UNDIVIDED	110	191.5	2.3	90.0	49.5	45.4
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	416	113.0	1.1	53.1	32.4	25.7
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	216	87.5	1.0	41.7	25.9	19.7
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,029	48.5	0.7	20.4	15.4	11.8
<b>TOTAL</b>	2,761	77.5	1.1	35.1	23.4	18.8

**URBAN NATIONAL TRUCK NETWORK**  
Accident Rates (per 100MVM)

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	130	233.6	0.9	101.2	42.6	53.9
3 LANES UNDIVIDED *	2	270.0	0.0	84.7	42.4	58.2
4 OR MORE LANES UNDIVIDED	123	363.3	0.6	147.3	74.9	95.3
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	110	171.5	0.5	72.0	39.6	43.8
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	56	137.1	0.9	59.7	31.0	42.6
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	247	101.6	0.5	39.1	24.1	25.6
<b>TOTAL</b>	668	153.3	0.6	61.9	34.0	39.3

**NATIONAL TRUCK NETWORK**  
Accident Rates (per 100MVM)

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,096	155.2	2.2	72.8	42.7	39.2
3 LANES UNDIVIDED	25	141.4	1.5	60.8	42.6	35.8
4 OR MORE LANES UNDIVIDED	233	299.6	1.2	126.1	65.5	76.8
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	526	133.8	0.9	59.8	35.0	32.1
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	272	102.3	1.0	47.1	27.4	26.5
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,276	65.2	0.7	26.3	18.1	16.1
<b>TOTAL</b>	3,429	101.7	0.9	43.7	26.8	25.4

NOTE: Includes only route segments with computerized traffic volume

\* Rates are not statistically significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING BRANCH  
TRAFFIC SAFETY SYSTEMS MANAGEMENT UNIT  
**TRUCK ACCIDENT RATES**  
**FOR 1991 - 1993**  
BY ROAD TYPES & SYSTEMS

**RURAL NATIONAL TRUCK NETWORK**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	966	11.1	0.6	5.2	2.9	2.6
3 LANES UNDIVIDED	24	3.3	0.3	1.6	0.3	0.3
4 OR MORE LANES UNDIVIDED	110	8.9	0.5	3.7	2.5	1.7
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	416	6.9	0.1	3.2	1.6	1.1
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	216	7.0	0.1	2.9	2.2	1.2
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,029	8.3	0.2	3.2	2.8	1.6
<b>TOTAL</b>	<b>2,761</b>	<b>8.5</b>	<b>0.3</b>	<b>3.5</b>	<b>2.6</b>	<b>1.6</b>

**URBAN NATIONAL TRUCK NETWORK**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	130	15.2	0.1	5.2	2.2	3.3
3 LANES UNDIVIDED *	2	26.5	0.0	5.3	0.0	0.0
4 OR MORE LANES UNDIVIDED	123	16.1	0.1	4.5	2.1	3.3
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	110	10.2	0.1	3.4	2.2	2.0
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	56	9.8	0.1	3.1	2.0	1.9
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	247	13.1	0.1	4.3	2.9	2.4
<b>TOTAL</b>	<b>668</b>	<b>13.0</b>	<b>0.1</b>	<b>4.2</b>	<b>2.6</b>	<b>2.5</b>

**NATIONAL TRUCK NETWORK**  
**Accident Rates (per 100MVM)**

ROAD TYPES	SYSTEM		NON-FATAL			
	MILES	TOTAL	FATAL	INJURY	NIGHT	WET
2 LANES UNDIVIDED	1,096	11.8	0.5	5.2	2.7	2.7
3 LANES UNDIVIDED	25	4.7	0.3	1.8	0.3	0.3
4 OR MORE LANES UNDIVIDED	233	13.4	0.2	4.2	2.3	2.7
4 OR MORE LANES DIVIDED NO CONTROL ACCESS	526	8.1	0.1	3.3	1.8	1.4
4 OR MORE LANES DIVIDED PARTIAL CONTROL ACCESS	272	7.8	0.1	3.0	2.1	1.4
4 OR MORE LANES DIVIDED FULL CONTROL ACCESS	1,276	9.8	0.2	3.6	2.8	1.8
<b>TOTAL</b>	<b>3,429</b>	<b>9.9</b>	<b>0.2</b>	<b>3.7</b>	<b>2.6</b>	<b>1.9</b>

NOTE: Includes only route segments with computerized traffic volume  
\* Rates are not statistically significant.