



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

RALEIGH 27611

JAMES B. HUNT, JR.
GOVERNOR

DIVISION OF HIGHWAYS

March 17, 1981

THOMAS W. BRADSHAW, JR.
SECRETARY

MEMORANDUM

TO: Area Traffic Engineers and Unit Heads

FROM: R. J. Dodge, P.E., Accident Studies Engineer *Robert J. Dodge*

THRU: J. M. Lynch, P.E., Assistant Manager of Traffic Engineering *J. M. Lynch*

SUBJECT: Traffic Accident Rates by Road Types and Systems for 1980

The attached tables list various traffic accident rates for rural and municipal route systems and urban streets for 1980 traffic accidents. These tables are for your information and use in any accident studies for comparative purposes.

If you have need for any other specific type of traffic accident data summaries on a yearly basis, please give us a description of the information required.

RJD/GGGjr:tme

Att.

cc: Mr. H. C. Rhudy, att
Mr. J. M. Lynch, P.E., att
Mr. W. A. Ward, P.E., att
Accident Investigation Engineers, att
Division Traffic Engineers, att
Accident Studies Staff, att
Mr. T. L. Waters, att (10)

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING BRANCH
TRAFFIC ACCIDENT RATES - 1980

| SYSTEM ITEMS | RURAL STATE HIGHWAYS | | | | | STATE TOTAL RURAL (4) | TOTAL RURAL |
|------------------------------------|----------------------|--------|--------|--------|--------|-----------------------------|----------------|
| | I | US | NC | PRI | SEC | | |
| Total Accidents | 2,333 | 16,889 | 14,280 | 33,502 | 33,757 | 67,259 | 72,697 |
| Fatal Accidents | 50 | 241 | 238 | 529 | 491 | 1,020 | 1,026 |
| Non-Fatal Injury Accidents | 803 | 6,430 | 5,490 | 12,723 | 12,593 | 25,316 | 25,691 |
| Night Accidents | 861 | 5,579 | 5,151 | 11,591 | 13,716 | 25,307 | 25,729 |
| Wet Accidents | 313 | 2,974 | 2,330 | 5,617 | 5,158 | 10,775 | 10,977 |
| % Fatal Accidents | 2.1 | 1.4 | 1.7 | 1.6 | 1.5 | 1.5 | 1.4 |
| % Non-Fatal Injury Accidents | 34.4 | 38.1 | 38.4 | 38.0 | 37.3 | 37.6 | 35.3 |
| % Night Accidents | 36.9 | 33.0 | 36.1 | 34.6 | 40.6 | 37.6 | 35.4 |
| % Wet Accidents | 13.4 | 17.6 | 16.3 | 16.8 | 15.3 | 16.0 | 15.1 |
| Miles of Road | 655 | 4,470 | 6,948 | 12,073 | 59,548 | 71,621 | 75,731 |
| ADT (1) | 10,280 | 4,340 | 1,720 | 3,150 | 430 | 890 | 865 |
| Travel (100 MVM) (1) | 24.58 | 70.75 | 43.53 | 138.86 | 93.46 | 232.32 | 238.77 |
| Total Accident Rate (2) | 94.91 | 238.73 | 328.05 | 241.26 | 361.19 | 289.51 | 304.46 |
| Fatal Accident Rate (2) | 2.03 | 3.41 | 5.47 | 3.81 | 5.25 | 4.39 | 4.30 |
| Non-Fatal Injury Accident Rate (2) | 32.67 | 90.88 | 126.12 | 91.62 | 134.74 | 108.97 | 107.60 |
| Night Accident Rate (2) | 35.03 | 78.86 | 118.33 | 83.47 | 146.76 | 108.93 | 107.76 |
| Wet Accident Rate (2) | 12.73 | 42.04 | 53.53 | 40.45 | 55.19 | 46.38 | 45.97 |
| Severity Index (3) | 12.68 | 12.86 | 13.35 | 13.06 | 12.92 | 12.99 | 12.25 |

(1) Estimated Value

(2) Rate is for 100 million vehicles miles of travel

(3) $SI = \frac{64.0 (F + A) + 19.1 (B + C) + PDO}{\text{Total Accidents}}$

(4) Includes non-state system mileage

Where: SI = Severity Index
F = Fatal Injury Accidents
A = A Injury Accidents
B = B Injury Accidents
C = C Injury Accidents
PDO = Non-Injury Accidents

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING BRANCH
TRAFFIC ACCIDENT RATES - 1980

| SYSTEM ITEMS | URBAN STATE HIGHWAYS | | | | | STATE TOTAL URBAN(4) | NON STATE SYSTEM STREETS(4) | TOTAL URBAN STREETS(4) |
|--|----------------------|--------|--------|--------|-------|----------------------------|-----------------------------------|------------------------------|
| | I | US | NC | PR1 | SEC | | | |
| Total Accidents | 1,921 | 10,584 | 9,039 | 21,544 | 2,086 | 23,630 | 73,180 | 96,810 |
| Fatal Accidents | 12 | 31 | 50 | 93 | 20 | 113 | 163 | 276 |
| Non-Fatal Injury Accidents | 669 | 3,576 | 3,105 | 7,350 | 741 | 8,091 | 19,886 | 27,977 |
| Night Accidents | 557 | 2,596 | 2,360 | 5,513 | 557 | 6,070 | 16,318 | 22,388 |
| Wet Accidents | 430 | 2,035 | 1,772 | 4,237 | 381 | 4,618 | 10,333 | 14,951 |
| % Fatal Accidents | 0.6 | 0.3 | 0.5 | 0.4 | 1.0 | 0.5 | 0.2 | 0.3 |
| % Non-Fatal Injury Accidents | 34.8 | 33.8 | 34.4 | 34.1 | 35.5 | 34.2 | 27.2 | 28.9 |
| % Night Accidents | 29.0 | 24.5 | 26.1 | 25.6 | 26.7 | 25.7 | 22.3 | 23.1 |
| % Wet Accidents | 22.4 | 19.2 | 19.6 | 19.7 | 18.3 | 19.5 | 14.2 | 15.4 |
| Miles of Road | 92 | 941 | 728 | 1,761 | 2,520 | 4,281 | 12,292 | 16,573 |
| ADT (1) | 34,000 | 17,900 | 8,600 | 14,900 | 2,400 | 7,540 | 2,090 | 3,500 |
| Travel (100 MVM) (1) | 11.42 | 61.48 | 22.85 | 95.75 | 22.08 | 117.83 | 93.89 | 211.72 |
| Total Accident Rate (1) (2) | 167.43 | 172.15 | 395.58 | 225.00 | 94.47 | 200.54 | 779.42 | 457.25 |
| Fatal Accident Rate (1) (2) | 1.05 | 0.50 | 2.19 | 0.97 | 0.91 | 0.96 | 1.74 | 1.31 |
| Non-Fatal Injury Accident Rate (1) (2) | 58.58 | 58.17 | 135.89 | 76.76 | 33.56 | 68.67 | 211.80 | 132.14 |
| Night Accident Rate (1) (2) | 48.77 | 42.22 | 103.28 | 57.58 | 25.23 | 51.51 | 173.80 | 105.74 |
| Wet Accident Rate (1) (2) | 37.65 | 33.10 | 77.55 | 44.25 | 17.26 | 39.19 | 110.05 | 70.62 |
| Severity Index (3) | 10.76 | 10.13 | 10.42 | 10.30 | 11.69 | 10.43 | 7.94 | 8.55 |

(1) Estimated Value

(2) Rate is for 100 million vehicles miles of travel

(3) $SI = \frac{64.0 (F + A) + 19.1 (B + C) + P00}{\text{Total Accidents}}$

(4) Includes non-state system mileage

Where: SI = Severity Index
F = Fatal Injury Accidents
A = A Injury Accidents
B = B Injury Accidents
C = C Injury Accidents
P00 = Non-Injury Accidents

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING BRANCH
RURAL PRIMARY ACCIDENT RATES
1980
BY ROAD TYPES & SYSTEMS

| INTERSTATE | | | | | | |
|--------------------|----------------|--|-------|---------------------|-------|-------|
| Road Types | System Miles ‡ | Accident Rates All rates per 100 M.V.M. | | | | |
| | | Total | Fatal | Non-Fatal Injury | Night | Wet |
| 2 Lanes Undivided | ---- | ---- | ---- | ---- | ---- | ---- |
| 3 Lanes Undivided | ---- | ---- | ---- | ---- | ---- | ---- |
| 4 + Undivided No | ---- | ---- | ---- | ---- | ---- | ---- |
| 4 + Undivided Part | ---- | ---- | ---- | ---- | ---- | ---- |
| 4 + Divided No | ---- | ---- | ---- | ---- | ---- | ---- |
| 4 + Divided Part | ---- | ---- | ---- | ---- | ---- | ---- |
| 4 + Divided Full | 566 | 94.91 | 1.86 | 33.31 | 34.61 | 13.29 |
| Total | 566 | 94.91 | 1.86 | 33.31 | 34.61 | 13.29 |

| U.S. | | | | | | |
|--------------------|----------------|--|-------|---------------------|--------|-------|
| Road Types | System Miles ‡ | Accident Rates All rates per 100 M.V.M. | | | | |
| | | Total | Fatal | Non-Fatal Injury | Night | Wet |
| 2 Lanes Undivided | 3,583 | 249.84 | 4.05 | 94.79 | 82.88 | 43.83 |
| 3 Lanes Undivided | 46 | 288.01 | 5.26 | 117.04 | 111.78 | 47.34 |
| 4 + Undivided No | 113 | 314.32 | 2.06 | 112.92 | 98.26 | 58.39 |
| 4 + Undivided Part | ----- | ----- | ----- | ----- | ----- | ----- |
| 4 + Divided No | 43 | 257.90 | 3.23 | 89.74 | 82.46 | 40.42 |
| 4 + Divided Part | 98 | 162.81 | 1.62 | 60.31 | 52.74 | 25.96 |
| 4 + Divided Full | 161 | 102.97 | 2.76 | 37.42 | 39.18 | 14.57 |
| Total | 4,044 | 238.73 | 3.65 | 89.84 | 79.20 | 41.54 |

| N.C. | | | | | | |
|--------------------|----------------|--|-------|---------------------|--------|-------|
| Road Types | System Miles ‡ | Accident Rates All rates per 100 M.V.M. | | | | |
| | | Total | Fatal | Non-Fatal Injury | Night | Wet |
| 2 Lanes Undivided | 6,742 | 330.53 | 5.60 | 126.19 | 118.44 | 54.02 |
| 3 Lanes Undivided | 4 [§] | 661.28 | 0.00 | 235.12 | 161.65 | 66.13 |
| 4 + Undivided No | 29 | 233.79 | 1.18 | 81.47 | 68.49 | 36.60 |
| 4 + Undivided Part | ----- | ----- | ----- | ----- | ----- | ----- |
| 4 + Divided No | 8 [§] | 163.32 | 0.00 | 60.66 | 51.33 | 42.00 |
| 4 + Divided Part | 9 [§] | 122.37 | 0.00 | 81.58 | 33.99 | 27.19 |
| 4 + Divided Full | ----- | ----- | ----- | ----- | ----- | ----- |
| Total | 6,792 | 328.05 | 5.44 | 125.14 | 116.92 | 53.55 |

| TOTAL PRIMARY | | | | | | |
|--------------------|----------------|--|-------|---------------------|--------|-------|
| Road Types | System Miles ‡ | Accident Rates All rates per 100 M.V.M. | | | | |
| | | Total | Fatal | Non-Fatal Injury | Night | Wet |
| 2 Lanes Undivided | 10,325 | 289.41 | 4.81 | 110.18 | 100.31 | 48.83 |
| 3 Lanes Undivided | 50 | 344.67 | 4.46 | 134.97 | 119.35 | 50.20 |
| 4 + Undivided No | 142 | 299.91 | 1.90 | 107.29 | 92.93 | 54.49 |
| 4 + Undivided Part | ----- | ----- | ----- | ----- | ----- | ----- |
| 4 + Divided No | 51 | 243.94 | 2.76 | 85.45 | 77.87 | 40.66 |
| 4 + Divided Part | 107 | 161.27 | 1.56 | 61.12 | 52.02 | 26.01 |
| 4 + Divided Full | 727 | 96.17 | 2.00 | 33.95 | 35.32 | 13.49 |
| Total | 11,402 | 244.05 | 3.96 | 91.99 | 84.37 | 40.64 |

‡ Includes only route segments with computerized traffic volumes.
* Rates are not significant.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING BRANCH
 1980 TRAFFIC ACCIDENT TYPES BY ROUTE SYSTEMS
 PERCENTAGE OF TOTAL ACCIDENTS

| ACCIDENT TYPES | RURAL STATE HIGHWAYS | | | | | | RURAL TOTAL |
|---------------------------|----------------------|------|------|------|------|-------|-------------|
| | I | US | NC | PRI | SEC | TOTAL | |
| Ran Off Road | 42.4 | 29.6 | 37.9 | 34.0 | 50.9 | 42.4 | 42.4 |
| Non-collision in Road | 3.2 | 1.3 | 1.0 | 1.3 | 1.2 | 1.3 | 1.3 |
| Collision with Pedestrian | 0.8 | 1.0 | 1.0 | 1.0 | 1.2 | 1.1 | 1.1 |
| Parked Vehicle | 2.8 | 1.4 | 1.4 | 1.5 | 2.4 | 1.9 | 2.0 |
| Train | 0.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.2 | 0.2 |
| Bicycle & Moped | 0.0 | 0.4 | 0.5 | 0.4 | 0.8 | 0.6 | 0.6 |
| Animal | 2.4 | 3.2 | 4.4 | 3.6 | 3.0 | 3.3 | 3.3 |
| Fixed Object | 2.6 | 0.8 | 0.5 | 0.8 | 0.5 | 0.6 | 0.6 |
| Other Object | 2.4 | 0.8 | 0.5 | 0.6 | 0.4 | 0.6 | 0.6 |
| Another Vehicle Rear End | 18.9 | 22.6 | 17.4 | 20.1 | 8.1 | 14.0 | 14.0 |
| Left Turn | 1.0 | 12.5 | 12.8 | 11.8 | 7.9 | 9.8 | 9.8 |
| Right Turn | 0.4 | 2.1 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 |
| Head On | 0.7 | 1.5 | 1.7 | 1.5 | 2.2 | 1.9 | 1.9 |
| Sideswipe | 11.5 | 5.8 | 4.9 | 5.8 | 5.0 | 5.4 | 5.4 |
| Angle | 10.0 | 16.0 | 12.8 | 14.2 | 10.4 | 12.3 | 12.2 |
| Backing | 0.7 | 1.0 | 1.5 | 1.2 | 3.9 | 2.5 | 2.7 |

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING BRANCH
 1980 TRAFFIC ACCIDENT TYPES BY ROUTE SYSTEMS
 PERCENTAGE OF TOTAL ACCIDENTS

| ACCIDENT TYPES | URBAN STATE HIGHWAYS | | | | | | URBAN TOTAL |
|---------------------------|----------------------|------|------|------|------|-------|----------------|
| | I | US | NC | PRI | SEC | TOTAL | |
| Ran Off Road | 24.3 | 9.9 | 11.8 | 12.0 | 21.8 | 12.8 | 14.0 |
| Non-collision in Road | 1.6 | 0.7 | 0.6 | 0.7 | 0.9 | 0.8 | 0.7 |
| Collision with Pedestrian | 0.7 | 1.1 | 1.0 | 1.0 | 1.6 | 1.1 | 1.4 |
| Parked Vehicle | 3.5 | 2.1 | 2.2 | 2.3 | 3.2 | 2.4 | 7.1 |
| Train | 0.0 | 0.1 | 0.1 | 0.1 | 0.5 | 0.1 | 0.2 |
| Bicycle & Moped | 0.2 | 0.6 | 0.9 | 0.7 | 1.2 | 0.8 | 1.1 |
| Animal | 0.3 | 0.2 | 0.2 | 0.2 | 0.5 | 0.2 | 0.1 |
| Fixed Object | 2.4 | 1.0 | 0.8 | 1.0 | 1.1 | 1.0 | 0.8 |
| Other Object | 1.4 | 0.3 | 0.3 | 0.4 | 0.2 | 0.4 | 0.3 |
| Another Vehicle Rear End | 34.1 | 30.4 | 27.7 | 29.6 | 19.8 | 28.7 | 20.2 |
| Left Turn | 2.9 | 17.7 | 19.0 | 16.9 | 16.5 | 16.9 | 16.1 |
| Right Turn | 1.2 | 4.5 | 4.9 | 4.4 | 4.3 | 4.4 | 5.0 |
| Head On | 0.4 | 0.7 | 0.8 | 0.7 | 1.1 | 0.7 | 0.8 |
| Sideswipe | 12.8 | 7.1 | 6.4 | 7.3 | 4.7 | 7.1 | 5.5 |
| Angle | 13.2 | 21.6 | 20.9 | 20.6 | 18.9 | 20.4 | 21.0 |
| Backing | 1.0 | 2.0 | 2.4 | 2.1 | 3.8 | 2.2 | 5.6 |

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING BRANCH
 1980 TRAFFIC ACCIDENT TYPES OF ROAD FEATURES
 PERCENTAGE OF TOTAL ACCIDENTS
 RURAL ROADWAYS

| ACCIDENT TYPES | ROAD FEATURES | | | | | | | |
|---------------------------|------------------|----------|----------------------|--------------|-----------------|----------------|----------------|---------------|
| | BR. OR UNDER. | DRIVEWAY | RAILROAD CROSSING | INTERSECTION | MEDIAN XOVR. | INTER. RAMP | OTHER FEAT. | NOT STATED |
| Ran Off Road | 56.6 | 19.3 | 33.1 | 18.2 | 22.2 | 28.5 | 37.5 | 55.1 |
| Non-collision in Road | 1.3 | 0.5 | 1.2 | 1.1 | 0.9 | 3.9 | 0.8 | 1.5 |
| Collision with Pedestrian | 0.7 | 0.8 | 1.5 | 0.4 | 1.3 | 1.0 | 0.7 | 1.4 |
| Parked Vehicle | 1.7 | 1.6 | 0.0 | 0.6 | 0.7 | 3.5 | 2.0 | 2.6 |
| Train | 0.0 | 0.0 | 36.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bicycle or Moped | 0.1 | 1.0 | 0.0 | 0.5 | 0.2 | 0.2 | 0.2 | 0.6 |
| Animal | 0.7 | 0.7 | 2.6 | 0.3 | 1.8 | 0.6 | 0.6 | 5.1 |
| Fixed Object | 10.0 | 0.2 | 1.2 | 0.6 | 0.7 | 2.1 | 2.7 | 0.2 |
| Other Object | 1.3 | 0.2 | 0.3 | 0.1 | 0.0 | 0.8 | 1.2 | 0.8 |
| Another Vehicle Rear End | 10.2 | 19.8 | 11.4 | 18.0 | 22.9 | 30.1 | 15.6 | 11.4 |
| Left Turn | 0.6 | 24.0 | 1.2 | 23.8 | 20.4 | 6.4 | 10.9 | 2.8 |
| Right Turn | 0.1 | 4.1 | 0.0 | 4.6 | 0.4 | 2.0 | 2.3 | 0.5 |
| Head On | 2.3 | 1.0 | 0.9 | 0.7 | 0.7 | 0.2 | 1.1 | 2.5 |
| Sideswipe | 7.8 | 1.9 | 4.1 | 2.0 | 5.8 | 6.0 | 7.5 | 7.0 |
| Angle | 6.2 | 15.1 | 4.1 | 27.4 | 20.4 | 11.9 | 12.6 | 6.7 |
| Backing | 0.2 | 9.6 | 2.1 | 1.7 | 1.6 | 2.7 | 4.1 | 1.7 |
| Percent of Total | 2.9 | 11.6 | 0.5 | 20.9 | 0.7 | 0.7 | 1.5 | 61.1 |

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING BRANCH
 1980 TRAFFIC ACCIDENT TYPES OF ROAD FEATURES
 PERCENTAGE OF TOTAL ACCIDENTS
 URBAN ROADWAYS

| ACCIDENT TYPES | ROAD FEATURES | | | | | | | |
|---------------------------|------------------|----------|----------------------|--------------|-----------------|----------------|----------------|---------------|
| | BR. OR UNDER. | DRIVEWAY | RAILROAD CROSSING | INTERSECTION | MEDIAN XOVR. | INTER. RAMP | OTHER FEAT. | NOT STATED |
| Ran Off Road | 28.0 | 10.1 | 18.3 | 6.7 | 13.8 | 19.8 | 19.2 | 21.4 |
| Non-collision in Road | 1.1 | 0.3 | 1.2 | 0.5 | 0.4 | 2.9 | 0.9 | 0.8 |
| Collision with Pedestrian | 1.1 | 1.0 | 0.5 | 0.9 | 1.6 | 0.3 | 2.2 | 2.1 |
| Parked Vehicle | 3.4 | 4.4 | 3.1 | 1.4 | 4.9 | 2.3 | 7.1 | 14.0 |
| Train | 0.1 | 0.0 | 26.9 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| Bicycle or Moped | 0.3 | 1.4 | 0.0 | 1.3 | 0.7 | 0.2 | 1.6 | 0.9 |
| Animal | 0.3 | 0.1 | 0.0 | 0.1 | 0.2 | 0.0 | 0.2 | 0.2 |
| Fixed Object | 13.6 | 0.4 | 4.5 | 0.5 | 1.5 | 1.8 | 2.1 | 0.5 |
| Other Object | 0.5 | 0.2 | 1.7 | 0.2 | 0.5 | 0.1 | 0.4 | 0.4 |
| Another Vehicle Rear End | 25.4 | 15.3 | 23.3 | 17.7 | 30.9 | 43.6 | 18.0 | 23.0 |
| Left Turn | 3.5 | 19.0 | 3.3 | 26.1 | 14.7 | 5.5 | 10.6 | 6.4 |
| Right Turn | 0.6 | 7.8 | 1.7 | 7.3 | 2.7 | 1.5 | 4.9 | 2.3 |
| Head On | 1.6 | 0.4 | 1.9 | 0.5 | 1.0 | 0.4 | 1.2 | 1.2 |
| Sideswipe | 8.2 | 2.7 | 4.5 | 3.3 | 8.8 | 10.0 | 7.3 | 8.1 |
| Angle | 11.6 | 21.0 | 3.1 | 31.4 | 14.3 | 10.5 | 14.9 | 11.5 |
| Backing | 0.6 | 15.8 | 6.0 | 2.3 | 4.0 | 1.0 | 9.3 | 7.0 |
| Percent of Total | 1.6 | 8.8 | 0.5 | 42.9 | 1.4 | 1.2 | 3.1 | 40.2 |

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING BRANCH
 1980 TRAFFIC ACCIDENT OBJECT HIT BY VEHICLES
 PERCENTAGE OF TOTAL VEHICLES

| FIXED OBJECTS STRUCK | RURAL STATE HIGHWAYS | | | | | | RURAL TOTAL |
|---------------------------------|----------------------|------|------|------|------|-------|----------------|
| | I | US | NC | PRI | SEC | TOTAL | |
| Tree | 1.6 | 2.0 | 3.6 | 2.6 | 5.8 | 4.1 | 4.1 |
| Utility Pole or Luminaire Pole | 0.4 | 1.2 | 1.6 | 1.2 | 1.9 | 1.6 | 1.6 |
| Fence on Fence Post | 0.6 | 0.5 | 1.0 | 0.7 | 2.0 | 1.3 | 1.3 |
| Guardrail or Post in Median | 2.2 | 0.2 | 0.1 | 0.3 | 0.0 | 0.2 | 0.2 |
| Guardrail or Post on Shoulder | 6.7 | 0.9 | 0.6 | 1.1 | 0.3 | 0.7 | 0.7 |
| Bridge & Underpass | 4.1 | 0.6 | 0.5 | 0.9 | 0.9 | 0.9 | 0.9 |
| Mailbox | 0.0 | 0.5 | 0.8 | 0.6 | 1.6 | 1.1 | 1.1 |
| Traffic Island, Curb, or Median | 1.1 | 0.5 | 0.2 | 0.4 | 0.1 | 0.3 | 0.3 |
| Sign or Sign Post | 1.6 | 1.3 | 1.0 | 1.2 | 0.8 | 1.0 | 1.0 |
| Animal | 1.4 | 1.9 | 2.7 | 2.2 | 2.1 | 2.1 | 2.1 |
| Ditch Bank | 5.6 | 7.7 | 11.3 | 9.1 | 15.4 | 12.0 | 12.0 |
| Parked Vehicle | 2.6 | 1.5 | 1.8 | 1.7 | 3.2 | 2.4 | 2.5 |
| Pedestrian | 0.8 | 0.6 | 0.7 | 0.7 | 0.9 | 0.8 | 0.8 |
| Other Object | 5.7 | 3.0 | 2.9 | 3.1 | 3.8 | 3.5 | 3.4 |
| None* | 65.4 | 77.8 | 71.2 | 74.2 | 61.1 | 68.0 | 68.0 |

*Excludes all vehicles for which no fixed object code was given.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING BRANCH
 1980 TRAFFIC ACCIDENT OBJECT HIT BY VEHICLES
 PERCENTAGE OF TOTAL VEHICLES

| FIXED OBJECTS STRUCK | URBAN STATE HIGHWAYS | | | | | | URBAN TOTAL |
|---------------------------------|----------------------|------|------|------|------|-------|-------------|
| | I | US | NC | PRI | SEC | TOTAL | |
| Tree | 0.6 | 0.4 | 0.7 | 0.6 | 1.9 | 0.7 | 1.1 |
| Utility Pole or Luminaire Pole | 1.0 | 1.8 | 2.3 | 2.0 | 2.8 | 2.0 | 2.8 |
| Fence on Fence Post | 0.2 | 0.2 | 0.2 | 0.2 | 0.7 | 0.2 | 0.4 |
| Guardrail or Post in Median | 2.0 | 0.4 | 0.2 | 0.5 | 0.1 | 0.4 | 0.2 |
| Guardrail or Post on Shoulder | 3.4 | 0.5 | 0.4 | 0.7 | 0.3 | 0.6 | 0.3 |
| Bridge or Underpass | 2.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.5 | 0.3 |
| Mailbox | 0.0 | 0.0 | 0.1 | 0.1 | 0.4 | 0.1 | 0.2 |
| Traffic Island, Curb, or Median | 1.6 | 0.5 | 0.5 | 0.6 | 0.3 | 0.6 | 0.6 |
| Sign or Sign Post | 1.4 | 0.7 | 0.7 | 0.8 | 0.9 | 0.8 | 0.6 |
| Animal | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 |
| Ditch Bank | 2.0 | 0.7 | 0.9 | 0.9 | 3.0 | 1.1 | 0.8 |
| Parked Vehicle | 2.3 | 1.6 | 1.8 | 1.8 | 2.8 | 1.9 | 5.5 |
| Pedestrian | 0.4 | 0.6 | 0.6 | 0.6 | 1.0 | 0.6 | 0.8 |
| Other Object | 2.9 | 1.4 | 1.6 | 1.6 | 2.4 | 1.7 | 2.0 |
| None* | 79.8 | 90.6 | 89.4 | 89.2 | 82.6 | 88.6 | 84.4 |

*Excludes all vehicles for which no fixed object code was given.