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access alcohol impairment bicycles
child passenger safety crashes
crosswalks data driver distraction
driver behavior engineering evaluation
graduated drivers licensing highways
injury prevention medians
motor vehicles occupant protection
older drivers pedestrians public health
research roadway design safety
school travel seat belts sidewalks
traffic transportation walking

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Single Variable Tabulations

1986-1989

North Carolina Accidents

Carolyn D. Williams

Elizabeth G. Hamilton

The University of North Carolina
Highway Safety Research Center
Chapel Hill, NC

North Carolina Governor's Highway Safety Program
Raleigh, NC

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INTRODUCTION

The tables contained in this reference document were generated from the HSRC data tapes of accidents occurring in North Carolina from 1986 through 1989. For purposes of these tabulations, only legally reportable accidents were used.

Accident Definitions and Reporting Procedures

North Carolina accidents from 1986 through 1989 were defined and reported as follows:

1. Any collision involving a vehicle in transport resulting in death, injury or total apparent property damage of \$500 or more.

2. Since October 1, 1985, the location where reportable accidents could occur was expanded to include all public vehicular areas. This publication is the first to include the counts for "public vehicular area" crashes in its single vehicle tabulations. A public vehicular area is described as any area that is generally open to and used by the public for vehicular traffic, including by way of illustration and not limitation any drive, driveway, road, roadway, street, alley, or parking lot upon the grounds and premises of:

- a. Any public or private hospital, college, university, school, orphanage, church, or any of the institutions, parks or other facilities maintained and supported by the State of North Carolina or any of its subdivisions; or
- b. Any service station, drive-in theater, supermarket, store, restaurant, or office building, or any other business, residential, or municipal establishment providing parking space for customers, patrons, or the public.
- c. Any property owned by the United States and subject to the jurisdiction of the State of North Carolina.

The term "public vehicular area" shall also include any beach area used by the public for vehicular traffic as well as any road opened to vehicular traffic within or leading to a subdivision for use by subdivision residents, their guests, and members of the public, whether or not the subdivision roads have been offered for dedication to the public. The term "public vehicular area"

shall not be construed to mean any private property not generally open to and used by the public.

3. All accident report forms were filled out by an investigating officer (highway patrolman, municipal police officer, etc.) and were not filled out by the people who were involved in the accident--as is the case in some other states.

4. All legitimate reporting agencies used the same standard accident report form.

The Tables

Each item of information (referred to as a data item) which has been transcribed from the accident report form to the HSRC data tapes is presented in a table. The table consists of a column for each of the accident years (1986 through 1989) and a row for each value of the data item or variable. The following characteristics of the tables should be noted.

1. The frequency counts for unknown and/or not stated values are treated as "missing values". They are not added to the totals and are not used in computing the percentages. They are presented as the top row(s) of the table with a COL PCT (column percentage) of "." and are separated from the valid values by an extra dashed line. Also, the grand total will not remain constant from table to table (as was true in previous Single Vehicle Tabulation reports published by Highway Safety Research Center).

2. The tables are presented in order by data item sequence number. The Description of Data Items (vehicle-oriented accident record format), beginning on page one, contains a listing of the data items, their variable name, their possible values, and a page reference to locate that item.

3. Please note that the values in the tables may differ from the values in the record format listing. Many table values have been created or altered for ease of processing. For example, the driver age table shows grouped ages, even though individual age levels are available.

4. Those variables that describe the vehicles involved in an accident have a notation of VEH_FREQ (vehicle frequencies) in the table heading, and the tables contain vehicle frequencies and column percentages; similarly for driver frequencies denoted by DRV_FREQ. For example, the table for VEHTYPE (vehicle type) shows that 249,435 two- or four-door sedans were involved in

accidents in 1989.

Those variables that describe the rest of the accident situation (such as time, roadway, environment, etc.) have a notation of ACC FREQ, and these tables contain accident frequencies and column percentages, respectively. For example, in the table for MONTH it can be found that 16,609 accidents occurred in June 1989.

The speed limit variable (Item 70) is listed in both the accident frequency and vehicle frequency tables.

5. Items 83 through 99 contain vehicle information that was derived from the vehicle identification number (VIN). The following four additional categories may also appear:

5a. VIN UNCLASSIFIED means that the VIN was not valid or that the HSRC VIN decoding system does not have the capability to handle this particular model year or make. This can happen when the manufacturer or division name and/or model year and/or VIN was left blank on the accident report form; or when the vehicle was a pre-1966 model (1966 is the earliest year accepted by the system); or when the make name is one of the more uncommon manufacturers (e.g., many truck makes and foreign car makes such as Ferrari).

5b. NOT A PASSENGER CAR refers to all vehicles classified as either trucks or motorcycles when the particular data item is available only for passenger cars (e.g., carline, vehicle weight, wheelbase).

5c. NOT A TRUCK refers to all vehicles classified as either passenger cars or motorcycles when the particular data item is applicable only for trucks (e.g., ton rating, gross vehicle weight).

HSRC Accident Tapes

The HSRC accident data tapes were created from the Division of Motor Vehicles (DMV) tapes produced in Raleigh, North Carolina. HSRC tapes differ from the DMV accident data tapes in the following ways:

1. HSRC tapes contain accidents which occurred on private property. (These accidents were not included in the tables.)
2. HSRC tapes include some non-reportable accidents.

3. HSRC includes all accidents even if vehicle and driver information is omitted.
4. HSRC tapes include additional information about the vehicle decoded through the VIN. The VIN provides the following pertinent information about the vehicle:

- Vehicle type (e.g., car, van, truck, etc.)
- Vehicle size (e.g., standard car, small truck, etc.)
- Vehicle make or division (e.g., Ford, Pontiac)
- Vehicle car line or model (e.g., Topaz, VW Rabbit)
- Vehicle body style (e.g., stationwagon, pick-up truck)
- Year of manufacture (e.g., 1987)
- Engine size (number of cylinders)
- Vehicle weight (in pounds)
- Vehicle wheelbase (in inches)
- Vehicle engine displacement (cubic inches for cars; cubic centimeters for motorcycles)
- Truck ton rating
- Truck driving wheels
- Gross vehicle weight (GVW) of truck class

From 1986 through 1989, there were 1,383,053 units involved in 748,384 accidents used in this report. For purposes of simplicity, a unit is defined as an accident-involved entity--a passenger car, car with trailer, bus, truck, service vehicle, farm vehicle, motorcycle, bicycle, moped, pedestrian, etc. Thus, overall there were an average of 1.8 vehicles or units per reportable accident.

The North Carolina Accident Report Form

The North Carolina Accident Report Form is the instrument on which all the accident information is recorded. The revised June 1986 form shown on pages 6-7 was in effect for the majority of accidents in this publication. This form was further revised in July 1989. Because this analysis only covers the years 1986 through 1989, the tables contained in this Redbook do not include any of the variables added in July 1989 such as commercial vehicle indicator, cross median indicator, or air bag deployment indicator.

North Carolina Versus National Accident Experience

The following table provides a comparison between North Carolina and the nation with respect to several variables which influence accident statistics. Some of these comparisons indicate that North Carolina is quite comparable to the nation taken as whole; others indicate differences.

North Carolina Statistics Compared with the Nation

	North Carolina	United States
Population ¹ Square Miles Population/Square Mile	6,568,983 48,798 135	248,777,000 3,539,289 70
Registered Vehicles ² Reg. Vehicle/1000 persons	5,016,000 764	183,468,000 737
Licensed Drivers ² Lic. Drivers/1000 persons	4,402,000 670	164,197,000 660
Road Mileage ³ Municipal Rural	18,306 (20%) 74,928 (80%)	710,188 (18%) 3,163,838 (82%)
Motor Vehicle Death Rate ⁴ (per 100,000,000 vehicle-miles)	2.7	2.5

¹North Carolina State Data Center, Raleigh, N.C. 1989 population estimate.

²MVMA Motor Vehicle Facts and Figures '89. Motor Vehicle Manufacturers Association, Detroit, Michigan. 1989. Estimates for 1988.

³MVMA Motor Vehicle Facts and Figures '89. Motor Vehicle Manufacturers Association, Detroit, Michigan. 1989. 1987 data.

⁴Accident Facts. 1989 edition. National Safety Council. Estimates for 1988 data.

ACCIDENT SEQUENCE CODES

1. VEHICLE MANEUVER/ PEDESTRIAN ACTION:

1. Stopped in travel lane
2. Parked out of travel lanes
3. Parked in travel lanes
4. Going straight ahead
5. Changing lanes or merging
6. Passing
7. Making right turn
8. Making left turn
9. Making U turn
10. Backing
11. Stopping or stopping
12. Starting in roadway
13. Parking
14. Leaving parked position
15. Avoiding object in road
16. Other (describe)
17. Crossing at intersection

18. Crossing not at intersection
 19. Coming from behind parked vehicle
 20. Waiting with traffic
 21. Waiting against traffic
 22. Getting on or off vehicle
 23. Standing in road
 24. Working in road
 25. Playing in road
 26. Lying in road
 27. Other in road
 28. Not in road
2. ACCIDENT TYPE:
3. RAN OFF ROAD
1. Right
 2. Left
 3. Straight ahead
- NON-COLLISION
4. Overturn
 5. Other
- COLLISION OF MOTOR VEHICLE WITH
6. Pedestrian
 7. Parked vehicle

8. Train
 9. Bicycle
 10. Moped
 11. Animal
 12. Fixed object
 13. Other object
- COLLISION OF MOTOR VEHICLE WITH ANOTHER MOTOR VEHICLE
14. Rear end, slow or stop
 15. Rear end, turn
 16. Left turn, same roadway
 17. Left turn, different roadway
 18. Right turn, same roadway
 19. Right turn, different roadway
 20. Head on
 21. Side-sweep
 22. Angle
 23. Backing
3. OBJECT STRUCK (excluding another motor vehicle in traffic)
1. None

2. Parked vehicle
3. Bicycle, moped
4. Pedestrian
5. Animal
6. Tree
7. Utility pole (with or without light)
8. Luminaire pole (non-breakaway)
9. Luminaire pole (breakaway)
10. Official highway sign (non-breakaway)
11. Official highway sign (breakaway)
12. Commercial sign
13. Guardrail end on shoulder
14. Guardrail face on shoulder
15. Guardrail end in median
16. Guardrail face in median
17. Shoulder barrier end
18. Shoulder barrier face

19. Median barrier end
20. Median barrier face
21. Bridge rail end
22. Bridge rail face
23. Overhead part of underpass
24. Pier on shoulder of underpass
25. Pier in median of underpass
26. Abutment (supporting wall of underpass)
27. Curb, median or traffic island
28. Catch basin or culvert on shoulder
29. Catch basin or culvert in median
30. Ditch bank
31. Mailbox
32. Fence or fence post
33. Construction barrier
34. Crash cushion
35. Other object (describe)

4. DISTANCE

1. In road
 2. Right of road, 0-10 ft
 3. Right of road, 11-30 ft
 4. Right of road, over 30 ft
 5. Left of road, 0-10 ft
 6. Left of road, 11-30 ft
 7. Left of road, over 30 ft
 8. None or N/A
 9. Straight ahead, 0-10 ft
 10. Straight ahead, 11-30 ft
 11. Straight ahead, over 30 ft
5. TRAILER TYPE:
- NON-BEH TRAILERS
- BT = Boat
- CT = Camper
- UT = Utility
- HT = Horse trailer (mobile home)
- TV = Towed vehicle
- OT = Other
- SEMI TRAILERS
- TH = Tanker
- VN = Enclosed Van
- FB = Flatbed
- DT = Double/Twin
- OS = Other sem

DMV-349 (Rev. 6/98)

LOCATION	Date: _____ 19__ Day of Week: _____ Time: _____ (24 Hour Clock)	Legal Use	Do not write in these spaces DMV Report No.: _____
	Accident Occurred in _____ County _____ City or Town of _____ Outside City or Town _____ Miles _____ of City or Town Limits N E S W		
	on _____ Highway Number (I., U.S., H.C., R.P., R.U.): If within corporate limit or no highway number, identify by street name. If ramp or service road, indicate on line. R/R Crossing No.: _____ _____ Miles _____ At or _____ (If R, if interest.) _____ Feet _____ Use Highway Number, Street Name, or Adjacent County or State Line _____ Toward _____ Use Highway Number, Street Name, Incorporated Town, or Adjacent County or State Line _____		

1. VEHICLE MANEUVER/ PEDESTRIAN ACTION		2. ACCIDENT TYPE		3. OBJECT STRUCK AND 4. DISTANCE			
Veh. 1	Veh. 2 or Ped.	FIRST HARMFUL EVENT	MOST HARMFUL EVENT. Repeat Code if same as for FIRST HARMFUL EVENT	Veh. 1	Veh. 2	Veh. 3	Veh. 4
				Object	Distance	Object	Distance

VEHICLE NO. 1				VEHICLE NO. 2				PEDESTRIAN				OTHER			
Driver: _____ First _____ Middle _____ Last Name _____ Address: _____ City _____ State _____ Zip Code _____ Same Address as on Driver's License? ☐ Yes ☐ No Driver's Phone No.: _____ Rear: _____ Driver's License No.: _____ State: _____ Date of Birth: _____ Month _____ Day _____ Year _____ Specify Restriction: _____ Veh. Year _____ Veh. Make _____ Veh. Type _____ Tr. Type _____ S-Tr: 1. Length _____ Width _____ Axles _____ 2. Length _____ Width _____ Axles _____ Hazardous Material DOT I.D. No. _____ Spilled? ☐ Yes ☐ No Lic. Plate No.: _____ State _____ Year _____ VIN: _____ Owner: _____ Address: _____ City _____ State _____ Zip Code _____ (Part) _____ Estimated Damage: \$ _____ TAD Damaged: _____ Vehicle Drivable? ☐ Yes ☐ No Post Crash Fire? ☐ Yes ☐ No Removed to: _____ Address: _____ By: _____ Authority _____				Driver: _____ First _____ Middle _____ Last Name _____ Address: _____ City _____ State _____ Zip Code _____ Same Address as on Driver's License? ☐ Yes ☐ No Driver's Phone No.: _____ Rear: _____ Driver's License No.: _____ State: _____ Date of Birth: _____ Month _____ Day _____ Year _____ Specify Restriction: _____ Veh. Year _____ Veh. Make _____ Veh. Type _____ Tr. Type _____ S-Tr: 1. Length _____ Width _____ Axles _____ 2. Length _____ Width _____ Axles _____ Hazardous Material DOT I.D. No. _____ Spilled? ☐ Yes ☐ No Lic. Plate No.: _____ State _____ Year _____ VIN: _____ Owner: _____ Address: _____ City _____ State _____ Zip Code _____ (Part) _____ Estimated Damage: \$ _____ TAD Damaged: _____ Vehicle Drivable? ☐ Yes ☐ No Post Crash Fire? ☐ Yes ☐ No Removed to: _____ Address: _____ By: _____ Authority _____				Driver: _____ First _____ Middle _____ Last Name _____ Address: _____ City _____ State _____ Zip Code _____ Same Address as on Driver's License? ☐ Yes ☐ No Driver's Phone No.: _____ Rear: _____ Driver's License No.: _____ State: _____ Date of Birth: _____ Month _____ Day _____ Year _____ Specify Restriction: _____ Veh. Year _____ Veh. Make _____ Veh. Type _____ Tr. Type _____ S-Tr: 1. Length _____ Width _____ Axles _____ 2. Length _____ Width _____ Axles _____ Hazardous Material DOT I.D. No. _____ Spilled? ☐ Yes ☐ No Lic. Plate No.: _____ State _____ Year _____ VIN: _____ Owner: _____ Address: _____ City _____ State _____ Zip Code _____ (Part) _____ Estimated Damage: \$ _____ TAD Damaged: _____ Vehicle Drivable? ☐ Yes ☐ No Post Crash Fire? ☐ Yes ☐ No Removed to: _____ Address: _____ By: _____ Authority _____				Driver: _____ First _____ Middle _____ Last Name _____ Address: _____ City _____ State _____ Zip Code _____ Same Address as on Driver's License? ☐ Yes ☐ No Driver's Phone No.: _____ Rear: _____ Driver's License No.: _____ State: _____ Date of Birth: _____ Month _____ Day _____ Year _____ Specify Restriction: _____ Veh. Year _____ Veh. Make _____ Veh. Type _____ Tr. Type _____ S-Tr: 1. Length _____ Width _____ Axles _____ 2. Length _____ Width _____ Axles _____ Hazardous Material DOT I.D. No. _____ Spilled? ☐ Yes ☐ No Lic. Plate No.: _____ State _____ Year _____ VIN: _____ Owner: _____ Address: _____ City _____ State _____ Zip Code _____ (Part) _____ Estimated Damage: \$ _____ TAD Damaged: _____ Vehicle Drivable? ☐ Yes ☐ No Post Crash Fire? ☐ Yes ☐ No Removed to: _____ Address: _____ By: _____ Authority _____			

INJURY SECTION INSTRUCTIONS: Give Injury Class, Belt/Helmet Usage, Race/Sex and Age of all occupants in the space corresponding to the seat occupied (see codes at bottom). Names and addresses are necessary for persons who were injured.

Seat	Inj. Cl.	Belt/Hel.	Race	Sex	Age	First Name	Last Name	Seat	Inj. Cl.	Belt/Hel.	Race	Sex	Age	First Name	Last Name
Left Front								Left Front							
Center Front								Center Front							
Right Front								Right Front							
Left Rear								Left Rear							
Center Rear								Center Rear							
Right Rear								Right Rear							
Total Number Occupants _____ Total Number Injured _____								Total Number Occupants _____ Total Number Injured _____							
Ambulance Requested? ☐ Yes ☐ No If Yes, Ambulance Arrived At: _____ (24 Hour Clock)															
Injured Taken To: _____ (Treatment Facility and City or Town)															

TRAFFIC ACCIDENT REPORT—Send To: N. C. Division of Motor Vehicles Raleigh, N. C. 27607

Injury Class

K—Killed

A—Incapacitating (injury obviously serious enough to prevent carrying on normal activities for at least 24 hours, e. g., massive loss of blood, broken bone)

B—Nonincapacitating (injury other than K or A evident at the scene)

C—No visible sign of injury but complaint of pain or momentary unconsciousness

O—No injury

Belt/Helmet

1. None or not used

2. Lap only

3. Lap and shoulder

4. Child restraint system

7. Helmet

8. Unable to determine

DESCRIPTION OF NORTH CAROLINA DATA ITEMS FOR ACCIDENT YEARS 1986-1989

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
1A	MONTH	Month of Accident - Numeric	51
	YEAR	Year of Accident	
2	YRCASE	Accident Case Number - 8 Digits including year Assigned by Traffic Records Section	
3	VEHPOS	Vehicle Position Number	
	NUMVEH	Number of 4-wheel vehicles Vehtype=1-11,17,19,20	52
	CHILD	Child (Age<13) in Accident 0 No children in accident 1 At least one child (age < 13 years) in accident	53
	TRUCK	Heavy Truck in Accident VEHTYPE=7,8,9,10 and GVW=0 or GVW>2 0 No heavy trucks in accident 1 At least one heavy truck	53
4	REPORT	Reportability Class 1 F-Fatal accident 2 I-Injury accident 3 D-Property damage only accident 4 N-Non-reportable accident (Traffic Event Reference) 5 P-Private property accident 6 Public Vehicular Area (PVA) - Fatal 7 PVA-Injury 8 PVA-Reportable property damage only 9 PVA-Non-reportable	53
5	PEDEST	Pedestrian Accident 0 No pedestrian in accident 1 Pedestrian in accident	54

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
6	MCYCLE	Motorcycle Accident 0 No motorcycle in accident 1 Motorcycle in accident	54
7	ALCOHOL	Alcohol Involvement 0 No evidence of drinking or drugs 1 At least one driver drinking (Intoxication code either 2 or 3)	54
8	ACCSEV	Accident Severity 1 0-No injury 2 C-Class C injury 3 B-Class B injury 4 A-Class A injury 5 K-Fatal injury	55
9	MOPED	Moped Accident 0 No moped in accident 1 Moped in accident	55
10	BICYCLE	Bicycle Accident 0 No bicycle in accident 1 Bicycle in accident	55
11	SCHLBUS	School Bus Accident 0 No school or activity bus in accident 1 School or activity bus in accident	56
12	HITRUN	Hit & Run Accident 0 Not hit and run 1 Hit and run	56
13	NUMUNIT	Number of Units Number of vehicles, pedestrians, bicyclists, etc. involved in accident	57
14	COUNTY	County 00 Alamance 01 Alexander 02 Alleghany 03 Anson 04 Ashe 05 Avery	58

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
14	COUNTY (continued)	County	58
		06 Beaufort	
		07 Bertie	
		08 Bladen	
		09 Brunswick	
		10 Buncombe	
		11 Burke	
		12 Cabarrus	
		13 Caldwell	
		14 Camden	
		15 Carteret	
		16 Caswell	
		17 Catawba	
		18 Chatham	
		19 Cherokee	
		20 Chowan	
		21 Clay	
		22 Cleveland	
		23 Columbus	
		24 Craven	
		25 Cumberland	
		26 Currituck	
		27 Dare	
		28 Davidson	
		29 Davie	
		30 Duplin	
		31 Durham	
		32 Edgecombe	
		33 Forsyth	
		34 Franklin	
		35 Gaston	
		36 Gates	
		37 Graham	
		38 Granville	
		39 Greene	
		40 Guilford	
		41 Halifax	
		42 Harnett	
		43 Haywood	
		44 Henderson	
		45 Hertford	
		46 Hoke	
		47 Hyde	

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
14	COUNTY (continued)	County	58
		48 Iredell	
		49 Jackson	
		50 Johnston	
		51 Jones	
		52 Lee	
		53 Lenoir	
		54 Lincoln	
		55 Macon	
		56 Madison	
		57 Martin	
		58 McDowell	
		59 Mecklenburg	
		60 Mitchell	
		61 Montgomery	
		62 Moore	
		63 Nash	
		64 New Hanover	
		65 Northampton	
		66 Onslow	
		67 Orange	
		68 Pamlico	
		69 Pasquotank	
		70 Pender	
		71 Perquimans	
		72 Person	
		73 Pitt	
		74 Polk	
		75 Randolph	
		76 Richmond	
		77 Robeson	
		78 Rockingham	
		79 Rowan	
		80 Rutherford	
		81 Sampson	
		82 Scotland	
		83 Stanly	
		84 Stokes	
		85 Surry	
		86 Swain	
		87 Transylvania	
		88 Tyrrell	
		89 Union	

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
14	COUNTY (continued)	County 90 Vance 91 Wake 92 Warren 93 Washington 94 Watauga 95 Wayne 96 Wilkes 97 Wilson 98 Yadkin 99 Yancey	58
15	DAYWK	Day of Week 1 Monday 2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 Sunday	63
16	AGENCY	Investigating Agency Agency reporting the accident 0 Not stated 1 Municipal police 2 Sheriff 3 Rural or county police 4 Highway patrol 5 Other traffic investigating agency	63
17	HOUR	Time (24 hour clock, including minutes) 0000 Midnight 1200 Noon 2460 Not stated 2401 Invalid hour xx60 Reported minutes out of range For accidents occurring exactly at midnight, use day and date as though accident occurred at 2359.	64

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
18	TOWN	Town Code Traffic code for town. (See appendix for codes) 00 Rural	66
19	AMBUL	Ambulance Was ambulance requested? 0 Not stated 1 Yes 2 No	95
20	TIMEAMB	Time Ambulance Arrived 24 hour clock, including minutes 0000 Midnight (changed 3/24/81) 1200 Noon 2401 Hour out of range 2460 Not stated or not requested xx60 Minutes out of range	95
21	PROPDAMG	Additional Property Damage 000000-100000 Amount rounded to nearest dollar 100001 More than \$100,000 property damage 200000 Not stated	96
22	TOTDAMG	Total Property Damage Sum of damages from individual unit(s) and additional property damage. 100001 Total exceeds \$100,000 200000 Any damage is not stated	97
23	ACCTYPE	First Harmful Event (Accident Type) The first event in a continuous series of events which resulted in damage or personal injury. Commonly referred to as ACCIDENT TYPE. 00 Not stated SINGLE MOTOR VEHICLE COLLISION 01 Ran off road - right 02 Ran off road - left 03 Ran off road - straight ahead 04 Overturn 05 Other non-collision in road	98

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
23	ACCTYPE (continued)	First Harmful Event (Accident Type) 06 Collision of motor vehicle with pedestrian 07 Collision of motor vehicle with parked vehicle 08 Collision of motor vehicle with train 09 Collision of motor vehicle with bicycle 10 Collision of motor vehicle with moped 11 Collision of motor vehicle with animal 12 Collision of motor vehicle with fixed object 13 Collision of motor vehicle with other object COLLISION OF MOTOR VEHICLE IN ROAD WITH ANOTHER VEHICLE 14 Rear end, slow or stop 15 Rear end, turn 16 Left turn, same roadway 17 Left turn, cross traffic 18 Right turn, same roadway 19 Right turn, cross traffic 20 Head on 21 Sideswipe 22 Angle 23 Backup	98
24	LOCALITY	Locality 0 Not stated 1 Rural (<30% developed) 2 Mixed (30% to 70% developed) 3 Urban (>70% developed)	100
25	DEVELP	Development - Predominant type 0 Not stated 1 Farms, woods, pastures 2 Residential 3 Commercial 4 Institutional 5 Industrial	100

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
26	RDFEATR	Road Feature 00 Not stated 01 Bridge 02 Underpass 03 Driveway, public 04 Driveway, private 05 Alley intersection 06 Intersection of roadways 07 Non-intersection median crossing 08 End or beginning of divided highway 09 Interchange ramp 10 Interchange service road 11 Railroad crossing 12 Tunnel 13 Other 14 No special feature	101
27	RDCHAR	Road Character 0 Not stated 1 Straight level 2 Straight, hillcrest 3 Straight, grade 4 Straight, bottom (sag) 5 Curve, level 6 Curve, hillcrest 7 Curve, grade 8 Curve, bottom (sag)	102
28	RDCLASS	Road Class 0 Not stated 1 Interchange 2 US route 3 NC route 4 State secondary route 5 Local street 6 Other public road 7 Private road, property or driveway	104
29	LANES	Number of Lanes 00 Parking lot 01-13 Number of lanes 14 14 or more lanes 15 Not stated	105

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
30	RDCONFG	Road Configuration 0 Not stated 1 Undivided, one-way 2 Undivided, two-way 3 Divided	105
31	RDSURF	Road Surface 0 Not stated 1 Concrete 2 Grooved concrete 3 Smooth asphalt 4 Coarse asphalt 5 Gravel 6 Sand 7 Soil 8 Other	106
32	RDDEFECT	Road Defects 0 Not stated 1 Loose material on surface 2 Holes, deep ruts 3 Low shoulders 4 Soft shoulders 5 Other defects 6 Under construction with defect 7 No defects 8 Under construction, no defect	107
33	RDCOND	Road Condition 0 Not stated 1 Dry 2 Wet 3 Muddy 4 Snowy 5 Icy 6 Other	107

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
34	LIGHT	Light Condition 0 Not stated 1 Daylight 2 Dusk 3 Dawn 4 Darkness (street lighted) 5 Darkness (street not lighted)	108
35	WEATHER	Weather 0 Not stated 1 Clear 2 Cloudy 3 Raining 4 Snowing 5 Fog, smog, smoke, dust 6 Sleet or hail	108
36	TRAFCTL	Traffic Control 00 Not stated 01 Stop sign 02 Yield sign 03 Stop and go signal 04 Flashing signal with stop sign 05 Flashing signal without stop sign 06 RR gate and flasher 07 RR flasher 08 RR crossbucks only 09 Human control 10 Other 11 No control present	109
37	CNTRLWK	Traffic Control Condition 0 Not stated 1 Operating 2 Not operating	110
38	SEECNTRL	Traffic Control Visible 0 Not stated 1 Visible 2 Not visible	110
	CNTRL2	Traffic Control Working/Visible Created by combining CNTRLWK and SEECNTRL	111

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
39	TOWNPOP	Population of Town of Accident 000000 Rural	112
40	MEANS	M - Means of Involvement Uses first harmful event for accident type Single Vehicle Accident 1 Ran off road (1 veh. with acc. type = 1, 2, 3) 2 Hit fixed object (1 veh. with acc. type = 12) 3 Hit non-fixed object (1 veh. with acc. type = 4, 5, 13) Multi-vehicle Accident 4 Car vs car (2 cars of veh. type = 1, 2, 11, 17) 5 Car vs truck or bus (car with above veh. type & truck of veh. type = 3 thru 10) 6 More than two vehicles involved 7 Any 1- or 2-veh. accident not categorized above (e.g., acc. type = 6, 8, 9, 10 & 2-vehicle crashes involving 2 trucks or any motorcycles)	113
41	SPEED	S - Speed of Accident 0 Not stated 1 00-29 mph 2 30-49 mph 3 50-79 mph	113
149	ACCREGN	Accident Region of Impact 01 Single vehicle - front 02 Single vehicle - right side 03 Single vehicle - left side 04 Single vehicle - rear 05 Single vehicle - other region 06 Head-on collision 07 Front vs rear 08 Rear vs rear 09 Front vs side 10 Rear vs side 11 Side vs side 12 Other two vehicle collision 13 More than two vehicles in collision	114

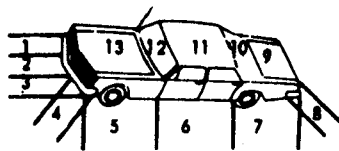
ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
70	SPDLMT	Speed Limit 00 - Not stated or not applicable (also see p. 135) 01 - Unknown 02 - 10 mph 03 - 15 mph . . 11 - 55 mph 12 - 60 mph 13 - 65 mph	115
42	MODYR	Vehicle Year - 2 digit model year 00 Not stated or pedestrian or bicyclist	116
43	NAME	Make Name Make of vehicle abbreviated to 5 characters Blank Not stated or pedestrian	
44	VEHTYPE	Vehicle Type Codes and abbreviations 00-NS Not stated 01-P Two or four door sedan (passenger vehicle) 02-SW Station wagon (passenger) 03-SWT Station wagon (truck) 04-CB Commercial bus 05-SB School bus 06-AB Activity bus 07-T-2A Truck with two axles 08-T-3A Truck with three axles 09-TT-T Truck tractor with trailer 10-TT Truck tractor only 11-Taxi Taxicab 12-FE Farm equipment 13-FTR Farm tractor 14-MC Motorcycle 15-MP Moped 16-MS Motor/scooter or motor bicke 17-AMB Ambulance 18-BI Bicycle 19-RV Recreational vehicle, self contained 20-REV "Camper" mounted on two axle truck 21-PED Pedestrian 22-OMV Other motor vehicle	118

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
45	TRLTYPE	Trailer Type - codes and abbreviations Note: A "semi trailer" is one where a significant portion of its weight is supported by the towing vehicle. 00 No trailer Non-semi trailers: 01 BT Boat 02 CT Camper 03 UT Utility 04 HE Horse 05 HS House trailer (mobile home) 06 TV Towed vehicle 07 OT Other Semi trailers: 08 TN Tanker 09 VN Van (enclosed trailer) 10 FB Flat-bed or platform 11 OS Other 12 DT Twin trailer	120
46	OWNERSUB	Owner Substituted for Driver 0 No or not stated 1 Owner used because driver is unknown For example: hit and run or parked vehicle	121
47	OWNERTYP	Owner Codes - special code for owner of vehicle. 0 Privately owned 1 Military vehicle 2 Emergency vehicle 3 State owned vehicle 4 Public owned vehicle 5 Privately owned school bus 6 Commercially owned school bus 7 State owned school or activity bus (added 1986)	121
48	PLATE	License Plate Number Up to 8 alphanumeric characters - left justified. Present only on vehicles registered in N.C. Blank if unknown or registered out of state. Does not include temporary plates or permits.	

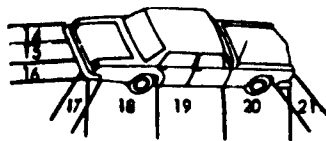
ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
49	PLATEST	State Where Vehicle is Registered Standard two letter postal service abbreviation for state issuing license plate. Blank No plate available 0S Unknown state	122
50	PLATEYR	Year - 2 digit year that license plate was issued. Needed only for NC plate. Must be current or prior year. 00 Not stated or out of state	
51	VIN	VIN - Vehicle Identification Number (17 chars) When vehicle in accident is matched with Registration Master file for Insurance certification, the registration VIN is substituted. Blank Not stated	
52	TAD	TAD #1 00 Not stated, not applicable 01 FL 02 FC 03 FD 04 FR 05 RFQ 06 RP 07 RD 08 RBQ 09 R & T 10 BR 11 BC 12 BD 13 BL 14 L & T 15 LBQ 16 LD 17 LP 18 LFQ 19 TOP 20 Undecodable	123

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
53	TADSEV	TAD Severity #1 0 Not stated 1 Least severe damage 7 Most severe damage 8 Undecodable	124
54	TAD2	TAD #2 Same as TAD #1	
55	TADSEV2	TAD Severity #2 Same as TAD severity #1	
56	TAD3	TAD #3 Same as TAD #1	
57	TADSEV3	TAD Severity #3 Same as TAD severity #1	
58	DRIVB	Drivability - Vehicle able to be driven safely from the scene of the crash. 0 Not stated 1 Yes 2 No	124
59	AMTDAMG	Amount of Damage - Dollar estimate of cost to restore vehicle to its condition prior to crash or value of vehicle prior to crash, whichever is less. Pedestrians have zero damage. 20001 > = \$20001 30000 Not stated	125
147	VEHSEV	Vehicle Severity 1 Fatal injury 2 Class A injury 3 Class B injury 4 Class C injury 5 No injury 6 No occupants	127

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
60	TOTK	Total Killed in Vehicle	128
61	TOTA	Total A Injury in Vehicle	128
62	TOTB	Total B Injury in Vehicle	129
63	TOTC	Total C Injury in Vehicle	130
64	TOTOCC	Total Occupants in Vehicle	131
148	PTCONT	Distributed Point of Contact Location of initial contact. For 4-wheel vehicles, use codes 1-26. For motorcycles, bicycles, and mopeds, use codes 25-30. 00 Not stated or pedestrian	132

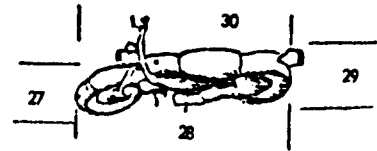


O. No Contact



Underneath:
22. Front
23. Center
24. Rear

26. Unknown



Motorcycle
Bicycle or
Moped

- 22 Underneath front
- 23 Underneath center
- 24 Underneath rear
- 25 Rollover (eliminated July 1989)
- 26 Unknown
- 31 Front end - distributed impact
- 32 Left side - distributed impact
- 33 Rear end - distributed impact
- 34 Right side - distributed impact

NOTE: To be distributed, at least 2 of the
3 impact sites were marked.

65	PTCONT1	Point of Contact #1 - Location of initial contact. Values same as codes 00-30 for Distributed Point of Contact
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ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
66	PTCONT2	Point of Contact #2 Values same as Point of Contact #1	
67	PTCONT3	Point of Contact #3 Values same as Point of Contact #1	
	ROLLOVER	Rollover - Based on all available information (point of contact, most harmful event and TAD) 0 Unknown 1 Vehicle rolled over 2 Not rollover Starting with the July 1989 change to the report form, rollover is indicated by a check-off box.	134
68	ROLLPTCT	Rollover - Based on Points of Contact ONLY 0 Unknown points of contact 1 Vehicle rolled over 2 Not rollover	
69	VEHDEF	Vehicle Defects 0 Not stated 1 Defective brakes 2 Defective headlights 3 Defective rear lights 4 Defective steering 5 Defective tires 5 Orther defects 7 Not known if defective 8 No defects detected	134
70	SPDLMT	Speed Limit 00 - Not stated or not applicable (also see p.115) 01 - Unknown 02 - 10 mph 03 - 15 mph . . 11 - 55 mph 12 - 60 mph 13 - 65 mph Beginning August 15, 1987, the speed limit on warranted rural interstate sections was increased to 65 mph. The maximum remains 55 mph for other roadways.	135

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
71	ESTSPD	Estimate of Original Speed of Vehicle 000 to 109 - actual vehicle speed 110 - > = 110 mph 111 - Not stated	136
72	IMPACTSP	Estimated Speed at Impact 00-97 Estimated speed in mph 98 More than 97 mph 99 Not stated	137
73	TIRESKID	Tire Impressions 000-509 Length before impact in feet 510 510 feet or more 511 Not stated	138
74	IMPACTFT	Distance Traveled after Impact in Feet 000-509 Actual distance travelled 510 510 feet or more 511 Not stated	139
75	WHEREGO	Direction of Travel 0 Not stated 1 Northbound 2 Southbound 3 Eastbound 4 Westbound	
76	VEHON	Vehicle On 0 Not stated 1 On road 2 Toward/reference road 3 Neither	
77	MANEUVER	Vehicle Maneuver or Pedestrian Action VEHICLE MANEUVER 00 Not stated 01 Stopped in travel lane 02 Parked out of travel lanes 03 Parked in travel lanes 04 Going straight ahead 05 Changing lanes or merging 06 Passing	140

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
77	MANEUVER (continued)	Vehicle Maneuver or Pedestrian Action 07 Making right turn 08 Making left turn 09 Making U turn 10 Backing 11 Slowing or stopping 12 Starting in roadway 13 Parking 14 Leaving parked position 15 Avoiding object in road 16 Other PEDESTRIAN ACTION 17 Crossing at intersection 18 Crossing not at intersection 19 Coming from behind parked vehicle 20 Walking with traffic 21 Walking against traffic 22 Getting on or off vehicle 23 Standing in road 24 Working in road 25 Playing in road 26 Lying in road 27 Other in road 28 Not in road 29 Getting on or off school bus Values 17-29 are used only for pedestrians (VEHTYPE=21)	140
78	MOSTHARM	Most Harmful Event 00 Not stated 01 Ran off road - right 02 Ran off road - left 03 Ran off road - straight ahead 04 Overturn 05 Other non-collision in road 06 Collision of motor vehicle with pedestrian 07 Collision of motor vehicle with parked veh. 08 Collision of motor vehicle with train 09 Collision of motor vehicle with bicycle 10 Collision of motor vehicle with moped 11 Collision of motor vehicle with animal 12 Collision of motor vehicle with fixed object 13 Collision of motor vehicle with other object	142

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
78	MOSTHARM (continued)	Most Harmful Event COLLISION OF MOTOR VEHICLE IN ROAD WITH ANOTHER MOTOR VEHICLE 14 Rear end, slow or stop 15 Rear end, turn 16 Left turn, same roadway 17 Left turn, cross traffic 18 Right turn, same roadway 19 Right turn, cross traffic 20 Head on 21 Sideswipe 22 Angle 23 Backup	142
79	MISCACT	Miscellaneous Action 00 Not stated 01 Avoiding pedestrian 02 Avoiding other wheeled vehicle 03 Avoiding fixed object 04 Avoiding animal 05 Fire or mechanical failure 06 Fell from vehicle 07 Driverless moving vehicle 08 Skidded out of control 09 Pushing or towing vehicle (do not include towing trailer) 10 Vehicle parked on private property 11 Vehicle legally parked 12 Vehicle and driver information omitted 13 Driver information to be added to statistical reports, but entry not to be shown on commercial record checks 14 Moped (same as 13)	144
80	OBJSTRK	Object Struck 00 Not stated 01 None 02 Parked vehicle 03 Bicycle or moped 04 Pedestrian 05 Animal 06 Tree 07 Utility pole (with/without light) 08 Luminaire pole (non-breakaway)	145

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
80	OBJSTRK (continued)	Object Struck 09 Luminaire pole (breakaway) 10 Official highway sign (non-breakaway) 11 Official highway sign (breakaway) 12 Commerical sign 13 Guardrail end on shoulder 14 Guardrail face on shoulder 15 Guardrail end in median 16 Guardrail face in median 17 Shoulder barrier end 18 Shoulder barrier face 19 Median barrier end 20 Median barrier face 21 Bridge rail end 22 Bridge rail face 23 Overhead part of underpass 24 Pier on shoulder of underpass 25 Pier in median of underpass 26 Abutment (supporting wall) of underpass 27 Traffic island curv or median 28 Catch basin or culvert on shoulder 29 Catch basin or culvert in median 30 Ditch bank 31 Mailbox 32 Fence or fence post 33 Construction barrier 34 Crash cushion 35 Other object	145
81	RD2OBJST	Distance/direction - edge of road to struck object 00 No object struck or not stated 01 In road 02 Right of road, 0 - 10 feet 03 Right of road, 11 - 30 feet 04 Right of road, over 30 feet 05 Left of road, 0 - 10 feet 06 Left of road, 11 - 30 feet 07 Left of road, over 30 feet 08 Not applicable 09 Straight ahead, 0 - 10 feet 10 Straight ahead, 11 - 30 feet 11 Straight ahead, over 30 feet Codes 8 - 11 added starting with June 1986 crashes	147

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
82	REGION	R - Region of Impact 1 Frontal impact (pt of contact = 1, 2, 3, 4, 21, 27) 2 Right side impact (p.o.c. = 18, 19, 20, 30) 3 Left side impact (p.o.c. = 5, 6, 7, 28) 4 Rear end impact (p.o.c.=8, 14, 15, 16, 17, 29) 5 Unspecified (p.o.c. = 9 thru 13 & 22 thru 26)	147
83	SIZE	HSR Size 00 Standard 01 Luxury 02 Personal luxury 03 Intermediate regular 04 Intermediate specialty 05 Compact regular 06 Compact specialty 07 Subcompact regular 08 Subcompact specialty 09 Passenger utility (includes carline 900's) 10 Economy import 11 Sports/luxury import 12 Pickup (Body = 35, 36) 13 Van (Body = 10, 30, 34) 14 Utility jeep (Body = 25, 26, 27, 29) 15 Parcel delivery (Body = 31, 32, 33, 49) 16 Bus (Body = 38) 17 Motor home (Body = 37) 18 Tractor truck (Body = 46, 47, 48, 52) 19 Tilt cab truck (Body = 44, 45) 20 Conventional cab (Body = 40, 50) 21 Special purpose truck (Body = 39, 51, 53-64, 67) 22 Unknown truck 23 Motorcycle/moped 24 Sporty import 25 Luxury import 30 Luv pickup & Ram Charger 31 Unclassified 99 Unknown	148

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
84	TYPE	HSR Type 0 Domestic passenger car 1 Imported passenger car 2 Light truck (GVW = 1,2) 3 Medium truck (GVW = 3,4,5,6) 4 Heavy truck (GVW = 7,8) 5 Unknown truck (GVW = 9) 6 Two-wheeled vehicle 9 Unclassified	150
85	GROUP	HSR Group Codes define groupings of similar size vehicle produced by same make/division NOTE: Group must be distinguished by use of HSR vehicle type	151
86	MAKE	HSR Make/Division 01 Pontiac 02 Chevrolet 03 Buick 04 Oldsmobile 05 Plymouth 06 Dodge 07 Chrysler 08 Ford 09 Mercury 10 Lincoln 11 Cadillac 12 Imperial 13 American Motors 14 Volkswagen 15 Volvo 16 MG 17 Renault 18 Datsun/Nissan 19 Fiat 20 Opel (Buick) 21 Peugeot/Simca 22 Toyota 23 Triumph passenger car 24 Colt (Dodge) 25 Capri (Mercury) 26 Cricket (Plymouth)	161

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
86	MAKE (continued)	HSR Make/Division	161
		27 Audi	
		28 Austin	
		29 Honda passenger car	
		30 Jaguar	
		31 Jensen	
		32 Mazda	
		33 Mercedes Benz	
		34 Porsche	
		35 Saab	
		36 Subaru	
		37 Alfa Romeo	
		38 BMW passenger car	
		39 Lancia	
		40 Isuzu	
		41 Lada	
		42 Mitsubishi	
		43 Hyundai	
		44 Merkur	
		45 Yugo	
		46 Suzuki passenger car	
		47 Acura	
		A1 Infiniti	
		A2 Lexus	
		51 BMW motorcycle	
		52 Harley Davidson	
		53 Honda motorcycle	
		54 Kawasaki	
		55 Suzuki motorcycle	
		56 Triumph motorcycle	
		57 Yamaha	
		61 AMC Jeep	
		62 Chevy MPV & truck	
		63 Diamond Reo truck	
		64 GMC MPV & truck	
		65 International Harvester truck	
		66 Dodge MPV & truck	
		67 White truck, also Western Star and Autocar	
		68 Ford MPV & truck	
		69 Kenworth truck	
		70 Mack truck	
		71 Peterbilt truck	
		72 Volkswagen truck	

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
86	MAKE (continued)	HSR Make/Division 73 Toyota truck 74 Plymouth MPV & truck 75 Datsun/Nissan truck 76 Mazda truck 77 Mercedes truck 78 FWD truck 79 Freightliner truck 80 Iveco truck 81 Oshkosh truck 82 Volvo truck 83 Isuzu truck 84 Mitsubishi truck 85 Suzuki truck 86 Hino 87 Winnebago 88 Subaru truck 89 White/GMC import T1 Chrysler truck T2 Oldsmobile truck T3 Pontiac truck 95 1960-65 truck make name 96 New model years not in system 97 Pre-1966 model years 98 Uncommon makes not classified 99 VIN unclassified	161
87	CARLINE	HSR Carline 000-099 Domestic cars 100-182 Imported cars 951 Chevrolet El Camino 952 Chevy Luv 953 Dodge D50 truck 954 Dodge Ram Charger 955 Ford Bronco 956 Ford Ranchero 957 Ford Courier 958 Volkswagen Thing 959 Plymouth Trail Duster 961 Ford Bronco II 963 Chevy S10 Blazer 999 Unclassified vehicle and motorcycle accepted as reported	(see p. 151)

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
87A	CARSER	HSR Series For passenger cars, this field further defines the carline to a series level. (See HSR Vehicle Classification Codes documentation for values)	
88	BODY	HSR Body Style 00 Unknown 01 Pillard Hardtop 2 door (Sedan) 02 Hardtop 2 door 03 Convertible 2 door 04 Stationwagon 2 door 05 Pillard Hardtop 4 door (Sedan) 06 Hardtop 4 door 07 Convertible 4 door 08 Stationwagon 4 door (2 seat, 09 Stationwagon 4 door (3-4 seat) 10 Sports Van 11 Sedan 12 Hardtop 13 Convertible 14 Stationwagon 15 Coupe 16 Notchback 17 Hatchback 18 Runabout 3 door 19 Formal Hardtop 2 door 20 Roadster 21 Limousine 22 Ambulance 23 Hearse 24 Utility 25 Utility (Blazer, Jimmy, Scout, etc.) 26 Convertible (Jeep) 28 Stationwagon truck 29 Travelall (Suburban & Carryall) 30 Van 31 Step Van & Vannette (including Metro and Handy Van) 32 Panel Truck 33 Parcel delivery 34 Van camper 35 Pick-up	165

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
88	BODY (continued)	HSR Body Style 36 Pick-up with camper mounted on the bed 37 Motorized Home, Motor Home Cutaway 38 Bus 39 Forward Control 40 Conventional cab 41 Truck body - long hood 42 Truck body - short hood 43 Truck body - cab-over-engine 44 Tilt cab 45 Tilt Tandem 46 Tandem 47 Tractor Truck (Diesel 48 Tractor Truck (Gasoline) 49 Cargo Cutaway 50 Chassis and Cab 51 Flat-bed or Platform 52 Gliders 53 Stake or Rack 54 Armored Truck 55 Auto carrier 56 Concrete or Transit Mixer 57 Crane 58 Dump Truck 59 Fire Truck 60 Garbage or Refuse 61 Grain 62 Hopper 63 Tank 64 Tow Truck Wrecker 65 Liftback 66 Chassis & Cab (Chevy Luv) 67 Cutaway 68 Hatchback 2 door 69 Hatchback 4 door 70 Car Hauler 71 5 door 72 Liftback 2 door 73 Liftback 4 door 74 Incomplete chassis 75 Logger	165

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
88	BODY (continued)	HSR Body Style 80 All terrain motorcycle 81 Enduro 82 Mini bike 83 Mini moto cross 84 Moped 85 Mini Road/Trail 86 Motor Scooter 87 Moto cross 88 Mini cycle 89 Racer 90 Road/Street bike 91 Road/Trail bike 92 Trail/Dirt bike 93 Trails 94 Dirt bike 99 Unknown	165
89	VINYR	HSR Model Year NOTE: May differ by 1 year from the year recorded by the officer. Beginning with model year 1966 00 Unclassified	169
90	ENGINE	HSR Engine Size (number of cylinders) 00 Unknown engine size 01 4 cylinders 02 6 cylinders 03 8 cylinders 04 Unknown cylinder (not used) 05 LP gas (not used) 06 1 cylinder (formerly diesel) 07 2 cylinders 08 3 cylinders 09 5 cylinders 10 12 cylinders 11 Rotary engine	171
91	WEIGHT	HSR Vehicle Weight Base weight for passenger cars. Min. shipping weight for trucks. Dry weight for motorcycles.	172

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
91	WEIGHT (continued)	HSR Vehicle Weight 00000 Weight not available 20000 20,000 lbs. or more	172
92	TRKWTVAR	HSR Truck Weight Variance Difference (in hundred pound increments) between the shipping weight of the shortest and the longest wheelbase. Incremental weights for optional equipment are not included.	
93	WHBASE	HSR Minimum Wheelbase (not available for motorcycles) in tenths of inches 0000 - Unknown, not stated	174
94	MAXWHBAS	HSR Maximum Wheelbase (not available for motorcycles) In tenths of inches 0000 Unknown or one wheelbase for model	
95	DISPLACE	HSR Engine Displacement 0000 Unknown Value for cars and trucks indicates cubic inch displacement. Value for motorcycles indicates cubic centimeter displacement.	175
96A 96B	TONMIN TONMAX	HSR Truck Ton Rating Range First two digits given minimum ton rating and last two digits give maximum ton rating for the model. If only one value applies, both minimum and maximum ton rating are identical. 00 Unknown 01 Quarter ton 02 Half ton 03 Three-quarter ton 04 One ton 05 One-and-one-half tons 06 One-and-three-quarter ton 07 Two ton 08 Two-and-one-half ton 09 Three ton 10 Three-and-one-half ton	176

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
96A	TONMIN	HSR Truck Ton Rating Range	176
96B	TONMAX (continued)	11 Four ton 12 Four-and-one-half ton 13 Five ton 14 Six ton 15 Seven ton 16 Eight ton 17 Nine ton 18 Ten ton and over	
	TOTWH	HSR Truck Wheels/Wheels Driving	177
		00 Unknown 42 Four wheels - 2 driving wheels 44 Four wheels - all 4 driving wheels 62 Six wheels - 2 driving wheels 64 Six wheels - 4 driving wheels 66 Six wheels - all 6 driving 84 Eight wheels - 4 driving wheels 86 Eight wheels - 6 driving wheels	
97	TRKTOTWH	HSR Truck Total Wheels	(see p. 177)
		0 Unknown 4 Four wheels 6 Six wheels 8 Eight wheels	
97A	TRKDRWHL	HSR Truck Driving Wheels	(see p. 177)
		0 Unknown 2 Two driving wheels 4 Four driving wheels 6 Six driving wheels	
98	GVW	HSR Truck Gross Vehicle Weight	178
		0 Unknown 1 6000 lbs and less 2 6001 - 10,000 lbs. 3 10,001 - 14,000 lbs. 4 14,001 - 16,000 lbs. 5 16,001 - 19,500 lbs. 6 19,501 - 26,000 lbs. 7 26,001 - 33,000 lbs. 8 33,001 lbs. and greater	

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
99	VINTYPE	HSR-VIN Type 0 Unclassified VIN 1 Passenger car VIN 2 Truck VIN 3 Motorcycle VIN	178
	TOTINJV	Total Injured in Vehicle TOTK + TOTA + TOTB + TOTC	179
	POSTFIRE	Postcrash Fire (effective Oct 1985) 0 Not stated 1 Postcrash fire occurred 2 No postcrash fire	179
100	DRLIC	License Number 7 digit N.C. driver license number 0000000 Not stated	
101	DRSTATE	License State Two letter postal abbreviation of United States jurisdiction issuing driver's license or permit 0S Unknown state other than N.C. 0C Country other than United States	180
102	BIRTHDAY	Date of Birth 6 digit date, month-day-year. If not present, this field will be blank. 000000 Not stated	
103	LICRESTR	Restriction 0 No restriction or no N.C. license 1 Corrective lenses 2 45 mph speed limit 3 Daylight driving 4 Corrective lenses and 45 mph speed limit 5 Corrective lenses, 45 mph speed limit and daylight driving only 6 Corrective lenses and daylight driving only 7 45 mph speed limit and daylight driving only 8 No interstate driving 9 Other - Out of state driver or unlicensed driver	180

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
104	LICTYPE	License Type - generated by system Classified licenses issued after Jan. 1, 1981 0 Hit and Run 1 Class A license (30,000+ lbs) 2 Class B license (under 30,000 lbs) 3 Class C license 4 NC control number 5 New control number (Codes were entirely different before 1986) 1 NC operator's license 2 NC chauffeur's license 3 NC operator and chauffeur's licenses	181
105	L_PERMIT	Learner's Permit 0 No or not stated 1 Learner's Permit (16 years or older) 2 Limited Permit (under 16 years old)	181
106	PHYSCOND	Physical Condition 0 Not stated 1 Normal 2 Ill 3 Fatigued 4 Asleep 5 Other physical impairment 6 Impairment due to medicine/drugs 7 Restriction not complied with 8 Condition not known	181
107	INTOX	Intoxication 0 Not stated 1 Had not been drinking or using drugs 2 Drinking - ability impaired 3 Drinking - unable to determine impairment 4 Unknown 5 Drinking - not impaired (added July 1989)	182
108	CHEMTEST	Chemical Test Given 0 Not stated 1 Yes 2 No 3 Refused	182

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
109	VISION	Vision Obstruction 00 Not stated 01 None 02 Vehicle window(s) obscured 03 Trees, crops, brush, etc. 04 Building(s) 05 Embankment 06 Sign(s) 07 Hillcrest 08 Parked vehicle(s) 09 Moving vehicle(s) 10 Blinded, headlights 11 Blinded, sunlight 12 Blinded, other lights 13 Other 14 Unknown	183
110	PEDHITBY	Pedestrian Struck By - School bus accidents only 0 Not stated, not a school bus accident 1 Pupil pedestrian struck by school bus 2 Pupil pedestrian struck by passenger car 3 Pupil pedestrian struck by truck 4 Pupil pedestrian struck by other vehicle 5 Pupil pedestrian struck by flying object 6 Non-pupil pedestrian struck by school bus 7 Non-pupil pedestrian struck by other vehicle 8 Non-pupil pedestrian struck by flying object	
	NUMVIOLS	Number of Violations Indicated	184
111	CHARGED	Driver Charged 0 Not stated 1 Driver charged with violation (see below) (Violation must have value 2-22 or 24-26) 2 Driver not charged	184

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
112	VIOL	Violation #1 00 Not stated 01 No violation indicated 02 DUI/alcohol 03 DUI/drugs 04 Yield 05 Stop sign 06 Traffic signal 07 Exceeding speed limit 08 Exceeding safe speed 09 Minimum speed law 10 Pass stopped school bus 11 Passing on hill 12 Passing on curve 13 Other improper passing 14 Improper lane change 15 Use of improper lane 16 Improper turn 17 Improper or no signal 18 Improper vehicle equipment 19 Safe movement violation 20 Following too closely 21 Improper backing 22 Improper parking 23 Unable to determine 24 Other 25 Reckless Driving 26 Left of center 27 Right turn on red	185
113	VIOL2	Violation #2 Same as Violation #1	
114	VIOL3	Violation #3 Same as Violation #1	
115	VIOL4	Violation #4 Same as Violation #1	
116	VIOL5	Violation #5 Same as Violation #1	

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
DRIVER, CYCLIST, PEDESTRIAN			
117	DRINJ	Injury Class - Driver or Pedestrian 0 Unknown injury 1 No injury 2 C-type injury 3 B-type injury 4 A-type injury 5 Killed 6 Not occupied	187
118	DRBELT	Belt Use - Driver 0 Not stated 1 None 2 Lap belt only 3 Lap & shoulder belt 4 Child restraint 5 Unable to determine 6 No occupied 7 Helmet (beginning in 1986)	187 (also see page 192)
119	DRRACE	Race - Driver or pedestrian 0 Not stated 1 White 2 Black 3 Indian 4 Other 5 Not occupied	188
120	DRSEX	Sex - Driver or pedestrian 0 Not stated 1 Male 2 Female 3 Not occupied	188
121	DRAGE	Age - Driver or pedestrian 00 < 1 year old 01-96 Actual age in years 97 > = 97 years old 98 Not occupied 99 Not stated	189

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
CENTER FRONT OCCUPANT			
122	INJ2	Injury Class Values same as Driver Injury	193
123	BELT2	Belt Use Values same as Driver Belt Use	193
124	RACE2	Race Values same as Driver Race	194
125	SEX2	Sex Values same as Driver Sex	194
126	AGE2	Age Values same as Driver Age	195
RIGHT FRONT OCCUPANT			196
127	INJ3	Injury Class Values same as Driver Injury	
128	BELT3	Belt Use Values same as Driver Belt Use	196
129	RACE3	Race Values same as Driver Race	197
130	SEX3	Sex Values same as Driver Sex	197
131	AGE3	Age Values same as Driver Age	198

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
LEFT REAR OCCUPANT			
132	INJ4	Injury Class Values same as Driver Injury	199
133	BELT4	Belt Use Values same as Driver Belt Use	199
134	RACE4	Race Values same as Driver Race	200
135	SEX4	Sex Values same as Driver Sex	200
136	AGE4	Age Values same as Driver Age	201
CENTER REAR OCCUPANT			202
137	INJ5	Injury Class Values same as Driver Injury	
138	BELT5	Belt Use Values same as Driver Belt Use	202
139	RACE5	Race Values same as Driver Race	203
140	SEX5	Sex Values same as Driver Sex	203
141	AGE5	Age Values same as Driver Age	204

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
RIGHT REAR OCCUPANT			
142	INJ6	Injury Class Values same as Driver Injury	205
143	BELT6	Belt Use Values same as Driver Belt Use	205
144	RACE6	Race Values same as Driver Race	206
145	SEX6	Sex Values same as Driver Sex	206
146	AGE6	Age Values same as Driver Age	207
ALL OCCUPANTS combined			
	ALLINJ	Injury Class Values same as Driver Injury	208
	ALLBELT	Belt Use Values same as Driver Belt Use	208
	ALLRACE	Race Values same as Driver Race	209
	ALLSEX	Sex Values same as Driver Sex	209
	ALLAGE	Age Values same as Driver Age	210

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
1986 NEW REDBOOK VARIABLES (effective Oct 1985)			
VEHSER		(Future) Vehicle Series Three character code for series name of passenger cars	
TOTINJV		Total Injured in Vehicle Sum of TOTK + TOTA + TOTB + TOTC	
HAZARD		Hazardous Material, four digit ID code For codes see US Department of Transportation, Emergency Response Guide Book, DOT P5800.3 (1984) Note: This variable changed to a YES-NO check box in summer 1989. The actual hazardous identification codes may be re-instated in future.	
SPILL		Hazardous Material Spill 0 Not stated 1 Hazardous material spilled 2 Hazardous material did not spill	
POSTFIRE		Postcrash Fire 0 Not stated 1 Postcrash fire occurred 2 No postcrash fire	179

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
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1986 NEW REDBOOK VARIABLES (effective Oct 1985)

LENGTRL	Length of Trailer #1 (in feet)
	000 Not applicable
	001 - 998 Actual length of trailer in feet
	999 Not stated
WIDTRL	Width of Trailer #1 (in inches)
	000 Not applicable
	001 - 998 Actual width of trailer in inches
	999 Not stated
AXLES	Number of Axles for Trailer #1
	0 Not applicable
	1 - 8 Actual number of axles
	9 Not stated
LENGTRL2	Length of Trailer #2 (in feet)
	(only for twin trailers)
	000 Not applicable
	001 - 998 Actual length of trailer in feet
	999 Not stated
WIDTRL2	Width of Trailer #2 (in inches)
	(only for twin trailers)
	000 Not applicable
	001 - 998 Actual width of trailer in inches
	999 Not stated
AXLES2	Number of Axles for Trailer #2
	(only for twin trailers)
	0 Not applicable
	1 - 8 Actual number of axles
	9 Not stated
TOTLENG	Combined trailer lengths (in feet)
	000 Not applicable
	001 - 998 Actual combined length of trailer(s)
	999 Not stated

ITEM #	SAS VAR NAME	DESCRIPTION	PAGE
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1989 NEW REDBOOK VARIABLES (effective July 1989)

DRV_NAME	Full Name of Driver An apostrophe preceeds the surname
HAZMAT	Hazardous Material Present Code 0 Unknown 1 Hazardous material present 2 No hazardous material
COMMVEH	Commercial Vehicle Indicator 0 Unknown 1 Commercial vehicle 2 Not a commercial vehicle
CROSSMED	Vehicle Crosses Median 0 Unknown 1 Vehicle crossed median 2 Vehicle did not cross the median
AIRBAGS	Air Bags Present 0 Unknown 1 Air bags present in this vehicle 2 No air bags in this vehicle
AIRBDEPL	Air Bag Deployment Indicator 0 Unknown 1 Air bags deployed in this crash 2 Air bags
ROLLOVER	Vehicle Rollover Indicator
UNAME	Driver Shortened Name First position of first name and five of last name as recorded on Driver License Master File

MONTH(MONTH OF ACCIDENT)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
JANUARY	12640 7.25	14473 7.77	16358 8.67	14293 7.17	57764 7.72
FEBRUARY	11936 6.85	14371 7.72	12725 6.74	15908 7.99	54940 7.34
MARCH	13703 7.86	13631 7.32	14717 7.80	16700 8.38	58751 7.85
APRIL	13435 7.71	15231 8.18	15221 8.07	15857 7.96	59744 7.98
MAY	14398 8.26	15387 8.27	15514 8.22	16133 8.10	61432 8.21
JUNE	13727 7.88	15281 8.21	15105 8.00	16609 8.34	60722 8.11
JULY	14421 8.27	15248 8.19	15188 8.05	15318 7.69	60175 8.04
AUGUST	15927 9.14	15554 8.36	16117 8.54	15709 7.89	63307 8.46
SEPTEMBER	13867 7.96	15599 8.38	16459 8.72	17159 8.61	63084 8.43
OCTOBER	16328 9.37	17229 9.25	17669 9.36	17590 8.83	68816 9.20
NOVEMBER	16885 9.69	16951 9.11	16557 8.77	17015 8.54	67408 9.01
DECEMBER	17024 9.77	17204 9.24	17090 9.06	20923 10.50	72241 9.65
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

NUMVEH(NUMBER OF 4-WHEEL VEHICLES)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NONE	1798 1.03	1708 0.92	1449 0.77	1417 0.71	6372 0.85
1	51245 29.40	52811 28.37	52328 27.73	57428 28.83	213812 28.57
2	109673 62.93	118869 63.85	122193 64.75	126723 63.61	477458 63.80
3	9886 5.67	10904 5.86	10822 5.73	11478 5.76	43090 5.76
4	1409 0.81	1517 0.81	1601 0.85	1770 0.89	6297 0.84
5	217 0.12	241 0.13	242 0.13	287 0.14	987 0.13
6	41 0.02	75 0.04	60 0.03	70 0.04	246 0.03
7	15 0.01	15 0.01	11 0.01	24 0.01	65 0.01
8	5 0.00	10 0.01	7 0.00	6 0.00	28 0.00
9	2 0.00	5 0.00	1 0.00	5 0.00	13 0.00
10 +	0 0.00	4 0.00	6 0.00	6 0.00	16 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

REPORT((4) ACCIDENT REPORTING CLASS)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
FATAL ACCIDENT	1481 0.85	1429 0.77	1413 0.75	1317 0.66	5640 0.75
INJURY ACCIDENT	71126 40.81	72529 38.96	73709 39.06	76706 38.50	294070 39.29
PROPTY DMGE ONLY	89526 51.37	98425 52.87	98161 52.01	104138 52.27	390250 52.15
PVA-FATAL ACC	18 0.01	8 0.00	15 0.01	10 0.01	51 0.01
PVA-INJURY ACC	1874 1.08	1896 1.02	1943 1.03	2136 1.07	7849 1.05
PVA-PROP DAMAGE	10266 5.89	11872 6.38	13479 7.14	14907 7.48	50524 6.75
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

CHILD(CHILD <13 INVOLVEMENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
CHILD<13 IN ACC	22827 13.10	25043 13.45	25464 13.49	27026 13.57	100360 13.41
NO CHILD IN ACC	151464 86.90	161116 86.55	163256 86.51	172188 86.43	648024 86.59
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

TRUCK(HEAVY TRUCK ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
HEAVY TRUCK ACC	27396 15.72	29034 15.60	29094 15.42	29766 14.94	115290 15.41
NOT TRUCK ACC	146895 84.28	157125 84.40	159626 84.58	169448 85.06	633094 84.59
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

PEDEST((5) PEDESTRIAN ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
PEDESTRIAN ACC	2386 1.37	2429 1.30	2395 1.27	2495 1.25	9705 1.30
NOT PEDESTRN ACC	171905 98.63	183730 98.70	186325 98.73	196719 98.75	738679 98.70
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

MCYCLE((6) MOTORCYCLE ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MOTORCYCLE ACC	2887 1.66	2609 1.40	2210 1.17	1963 0.99	9669 1.29
NOT MTRCYCLE ACC	171404 98.34	183550 98.60	186510 98.83	197251 99.01	738715 98.71
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

ALCOHOL((7) ALCOHOL INVOLVEMENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
INTOX CD 2 OR 3	18679 10.72	17345 9.32	15968 8.46	16136 8.10	68128 9.10
NO DRINK OR DRUG	155612 89.28	168814 90.68	172752 91.54	183078 91.90	680256 90.90
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

ACCSEV((8) ACCIDENT SEVERITY)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NO INJURY	99792 57.26	110297 59.25	111640 59.16	119045 59.76	440774 58.90
CLASS C INJURY	35878 20.59	39390 21.16	41285 21.88	44329 22.25	160882 21.50
CLASS B INJURY	23123 13.27	22116 11.88	21882 11.59	22247 11.17	89368 11.94
CLASS A INJURY	13999 8.03	12919 6.94	12485 6.62	12266 6.16	51669 6.90
FATAL INJURY	1499 0.86	1437 0.77	1428 0.76	1327 0.67	5691 0.76
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

MOPED((9) MOPED ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MOPED ACC	352 0.20	325 0.17	288 0.15	266 0.13	1231 0.16
NOT MOPED ACC	173939 99.80	185834 99.83	188432 99.85	198948 99.87	747153 99.84
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

BICYCLE((10) BICYCLE ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
BICYCLE ACC	1338 0.77	1306 0.70	1257 0.67	1126 0.57	5027 0.67
NOT BICYCLE ACC	172953 99.23	184853 99.30	187463 99.33	198088 99.43	743357 99.33
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

SCHLBUS((11) SCHOOL BUS ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
SCHOOL/ACTIVITY	1234 0.71	1240 0.67	1100 0.58	1035 0.52	4609 0.62
NOT SCHL BUS ACC	173057 99.29	184919 99.33	187620 99.42	198179 99.48	743775 99.38
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

HITRUN((12) HIT & RUN ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
HIT & RUN ACC	5955 3.42	7034 3.78	7791 4.13	8912 4.47	29692 3.97
NOT HIT&RUN ACC	168336 96.58	179125 96.22	180929 95.87	190302 95.53	718692 96.03
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

NUMUNIT((13) NUMBER OF UNITS)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
1	42754 24.53	44196 23.74	43411 23.00	47302 23.74	177663 23.74
2	119305 68.45	128506 69.03	131926 69.91	137488 69.02	517225 69.11
3	10413 5.97	11442 6.15	11307 5.99	12081 6.06	45243 6.05
4	1507 0.86	1636 0.88	1714 0.91	1905 0.96	6762 0.90
5	239 0.14	261 0.14	257 0.14	316 0.16	1073 0.14
6	49 0.03	81 0.04	74 0.04	75 0.04	279 0.04
7	16 0.01	17 0.01	16 0.01	28 0.01	77 0.01
8	6 0.00	9 0.00	6 0.00	7 0.00	28 0.00
9	2 0.00	4 0.00	2 0.00	6 0.00	14 0.00
10 +	0 0.00	7 0.00	7 0.00	6 0.00	20 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

COUNTY ((14) COUNTY OF ACCIDENT)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
ALAMANCE	2577 1.48	2768 1.49	2797 1.48	2984 1.50	11126 1.49
ALEXANDER	489 0.28	522 0.28	524 0.28	563 0.28	2098 0.28
ALLEGHANY	210 0.12	193 0.10	221 0.12	231 0.12	855 0.11
ANSON	532 0.31	571 0.31	522 0.28	633 0.32	2258 0.30
ASHE	440 0.25	453 0.24	461 0.24	466 0.23	1820 0.24
AVERY	425 0.24	434 0.23	426 0.23	443 0.22	1728 0.23
BEAUFORT	971 0.56	990 0.53	985 0.52	964 0.48	3910 0.52
BERTIE	457 0.26	420 0.23	373 0.20	383 0.19	1633 0.22
BLADEN	523 0.30	603 0.32	605 0.32	657 0.33	2388 0.32
BRUNSWICK	1030 0.59	975 0.52	1082 0.57	985 0.49	4072 0.54
BUNCOMBE	4641 2.66	4756 2.55	4691 2.49	4663 2.34	18751 2.51
BURKE	1908 1.09	2027 1.09	2086 1.11	2314 1.16	8335 1.11
CABARRUS	2406 1.38	2360 1.27	2555 1.35	2674 1.34	9995 1.34
CALDWELL	1841 1.06	2124 1.14	2166 1.15	2128 1.07	8259 1.10
CAMDEN	103 0.06	101 0.05	100 0.05	107 0.05	411 0.05
CARTERET	1493 0.86	1432 0.77	1224 0.65	1319 0.66	5468 0.73
CASWELL	377 0.22	401 0.22	376 0.20	433 0.22	1587 0.21
CATAWBA	3795 2.18	4239 2.28	4199 2.22	4578 2.30	16811 2.25
CHATHAM	936 0.54	962 0.52	865 0.46	1028 0.52	3791 0.51
CHEROKEE	327 0.19	371 0.20	391 0.21	434 0.22	1523 0.20
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

(CONTINUED)

COUNTY ((14) COUNTY OF ACCIDENT)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
CHOWAN	192 0.11	224 0.12	202 0.11	218 0.11	836 0.11
CLAY	129 0.07	148 0.08	140 0.07	145 0.07	562 0.08
CLEVELAND	2023 1.16	2347 1.26	2451 1.30	2363 1.19	9184 1.23
COLUMBUS	1336 0.77	1385 0.74	1278 0.68	1285 0.65	5284 0.71
CRAVEN	1634 0.94	1602 0.86	1541 0.82	1752 0.88	6529 0.87
CUMBERLAND	6615 3.80	7154 3.84	7106 3.77	7461 3.75	28336 3.79
CURRITUCK	381 0.22	380 0.20	351 0.19	431 0.22	1543 0.21
DARE	560 0.32	626 0.34	639 0.34	783 0.39	2608 0.35
DAVIDSON	2846 1.63	3134 1.68	3183 1.69	3348 1.68	12511 1.67
DAVIE	463 0.27	512 0.28	590 0.31	588 0.30	2153 0.29
DUPLIN	822 0.47	1034 0.56	1010 0.54	973 0.49	3839 0.51
DURHAM	5684 3.26	5182 2.78	5167 2.74	6243 3.13	22276 2.98
EDGEcombe	1175 0.67	1329 0.71	1242 0.66	1347 0.68	5093 0.68
FORSYTH	7882 4.52	8178 4.39	8210 4.35	8571 4.30	32841 4.39
FRANKLIN	679 0.39	730 0.39	652 0.35	749 0.38	2810 0.38
GASTON	5071 2.91	5661 3.04	5790 3.07	6466 3.25	22988 3.07
GATES	221 0.13	218 0.12	189 0.10	209 0.10	837 0.11
GRAHAM	119 0.07	129 0.07	121 0.06	138 0.07	507 0.07
GRANVILLE	797 0.46	878 0.47	903 0.48	1046 0.53	3624 0.48
GREENE	313 0.18	304 0.16	299 0.16	315 0.16	1231 0.16
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

(CONTINUED)

COUNTY((14) COUNTY OF ACCIDENT)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
GUILFORD	11231 6.44	13045 7.01	13431 7.12	14449 7.25	52156 6.97
HALIFAX	1204 0.69	1399 0.75	1341 0.71	1448 0.73	5392 0.72
HARNETT	1571 0.90	1638 0.88	1668 0.88	1801 0.90	6678 0.89
HAYWOOD	1023 0.59	1005 0.54	1039 0.55	1061 0.53	4128 0.55
HENDERSON	1798 1.03	1787 0.96	1843 0.98	1943 0.98	7371 0.98
HERTFORD	555 0.32	518 0.28	464 0.25	518 0.26	2055 0.27
HOKE	367 0.21	445 0.24	503 0.27	540 0.27	1855 0.25
HYDE	83 0.05	95 0.05	101 0.05	94 0.05	373 0.05
IREDELL	2231 1.28	2474 1.33	2409 1.28	2736 1.37	9850 1.32
JACKSON	492 0.28	554 0.30	617 0.33	587 0.29	2250 0.30
JOHNSTON	1945 1.12	1977 1.06	2013 1.07	2260 1.13	8195 1.10
JONES	251 0.14	255 0.14	255 0.14	217 0.11	978 0.13
LEE	1144 0.66	1164 0.63	1206 0.64	1180 0.59	4694 0.63
LENIOR	1709 0.98	1672 0.90	1707 0.90	1739 0.87	6827 0.91
LINCOLN	1026 0.59	1190 0.64	1143 0.61	1125 0.56	4484 0.60
MACON	326 0.19	384 0.21	375 0.20	394 0.20	1479 0.20
MADISON	321 0.18	344 0.18	318 0.17	365 0.18	1348 0.18
MARTIN	584 0.34	699 0.38	615 0.33	694 0.35	2592 0.35
MCDOWELL	988 0.57	1151 0.62	1181 0.63	1283 0.64	4603 0.62
MECKLENBERG	20029 11.49	22355 12.01	23355 12.38	24762 12.43	90501 12.09
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

(CONTINUED)

COUNTY ((14) COUNTY OF ACCIDENT)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MITCHELL	273 0.16	335 0.18	310 0.16	277 0.14	1195 0.16
MONTGOMERY	448 0.26	510 0.27	489 0.26	585 0.29	2032 0.27
MOORE	1151 0.66	1306 0.70	1326 0.70	1276 0.64	5059 0.68
NASH	2042 1.17	2177 1.17	2305 1.22	2382 1.20	8906 1.19
NEW HANOVER	4019 2.31	4161 2.24	4307 2.28	4378 2.20	16865 2.25
NORTHAMPTON	365 0.21	411 0.22	448 0.24	412 0.21	1636 0.22
ONslow	3138 1.80	3265 1.75	3248 1.72	3612 1.81	13263 1.77
ORANGE	2255 1.29	2263 1.22	2091 1.11	2342 1.18	8951 1.20
PAMLICO	158 0.09	158 0.08	158 0.08	153 0.08	627 0.08
PASQUOTANK	764 0.44	811 0.44	878 0.47	703 0.35	3156 0.42
PENDER	548 0.31	582 0.31	590 0.31	644 0.32	2364 0.32
PERQUIMANS	158 0.09	184 0.10	178 0.09	222 0.11	742 0.10
PERSON	689 0.40	723 0.39	685 0.36	713 0.36	2810 0.38
PITT	2362 1.36	2789 1.50	3051 1.62	3362 1.69	11564 1.55
POLK	261 0.15	285 0.15	304 0.16	272 0.14	1122 0.15
RANDOLPH	2243 1.29	2253 1.21	2260 1.20	2552 1.28	9308 1.24
RICHMOND	1075 0.62	1241 0.67	1185 0.63	1319 0.66	4820 0.64
ROBESON	2435 1.40	2686 1.44	2811 1.49	2926 1.47	10858 1.45
ROCKINGHAM	1895 1.09	1919 1.03	2048 1.09	2128 1.07	7990 1.07
ROWAN	2392 1.37	2480 1.33	2593 1.37	2677 1.34	10142 1.36
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

(CONTINUED)

COUNTY((14) COUNTY OF ACCIDENT)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RUTHERFORD	1341 0.77	1373 0.74	1449 0.77	1405 0.71	5568 0.74
SAMPSON	1036 0.59	1066 0.57	1155 0.61	1202 0.60	4459 0.60
SCOTLAND	682 0.39	766 0.41	863 0.46	810 0.41	3121 0.42
STANLY	991 0.57	1123 0.60	1161 0.62	1208 0.61	4483 0.60
STOKES	551 0.32	562 0.30	582 0.31	591 0.30	2286 0.31
SURRY	1640 0.94	1780 0.96	1693 0.90	1720 0.86	6833 0.91
SWAIN	180 0.10	182 0.10	176 0.09	138 0.07	676 0.09
TRANSYLVANIA	542 0.31	612 0.33	514 0.27	611 0.31	2279 0.30
TYRRELL	66 0.04	74 0.04	69 0.04	79 0.04	288 0.04
UNION	1876 1.08	1997 1.07	2213 1.17	2323 1.17	8409 1.12
VANCE	993 0.57	1090 0.59	1060 0.56	1161 0.58	4304 0.58
WAKE	14530 8.34	14684 7.89	15132 8.02	15278 7.67	59624 7.97
WARREN	218 0.13	222 0.12	245 0.13	244 0.12	929 0.12
WASHINGTON	274 0.16	255 0.14	261 0.14	308 0.15	1098 0.15
WATAUGA	979 0.56	1169 0.63	1168 0.62	1232 0.62	4548 0.61
WAYNE	2243 1.29	2360 1.27	2166 1.15	2389 1.20	9158 1.22
WILKES	1404 0.81	1435 0.77	1505 0.80	1494 0.75	5838 0.78
WILSON	1905 1.09	1957 1.05	1894 1.00	1610 0.81	7366 0.98
YADKIN	646 0.37	682 0.37	622 0.33	649 0.33	2599 0.35
YANCEY	222 0.13	223 0.12	230 0.12	213 0.11	888 0.12
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

DAYWK((15) DAY OF WEEK)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MONDAY	23843 13.68	26957 14.48	26696 14.15	27916 14.01	105412 14.09
TUESDAY	23527 13.50	24728 13.28	24624 13.05	28064 14.09	100943 13.49
WEDNESDAY	24636 14.13	24434 13.13	25707 13.62	28270 14.19	103047 13.77
THURSDAY	24703 14.17	26985 14.50	28392 15.04	29320 14.72	109400 14.62
FRIDAY	32050 18.39	35447 19.04	35836 18.99	37153 18.65	140486 18.77
SATURDAY	26826 15.39	28234 15.17	27715 14.69	28068 14.09	110843 14.81
SUNDAY	18706 10.73	19374 10.41	19750 10.47	20423 10.25	78253 10.46
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

AGENCY((16) INVESTIGATING AGENCY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	538 .	483 .	593 .	582 .	. .
MUNICIPAL POLICE	100686 57.95	107867 58.09	111145 59.08	117352 59.08	437050 58.57
SHERIFF	184 0.11	196 0.11	184 0.10	213 0.11	777 0.10
RURL,CNTY POLICE	1237 0.71	1102 0.59	1121 0.60	1189 0.60	4649 0.62
HWY PATROL	71525 41.16	76240 41.06	75352 40.05	79486 40.02	302603 40.55
OTHER AGENCY	121 0.07	271 0.15	325 0.17	392 0.20	1109 0.15
TOTAL	173753 23.29	185676 24.88	188127 25.21	198632 26.62	746188 100.00

HOUR(HOUR OF ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	1075 .	1021 .	1176 .	1296 .	. .
12:00 - 12:59 AM	3664 2.12	3635 1.96	3373 1.80	3417 1.73	14089 1.89
1:00 - 1:59 AM	3663 2.11	3462 1.87	3283 1.75	3495 1.77	13903 1.87
2:00 - 2:59 AM	2967 1.71	2782 1.50	2571 1.37	2768 1.40	11088 1.49
3:00 - 3:59 AM	1979 1.14	1942 1.05	1924 1.03	1856 0.94	7701 1.04
4:00 - 4:59 AM	1494 0.86	1515 0.82	1532 0.82	1595 0.81	6136 0.82
5:00 - 5:59 AM	1637 0.95	1886 1.02	1746 0.93	2010 1.02	7279 0.98
6:00 - 6:59 AM	3937 2.27	4596 2.48	4391 2.34	4863 2.46	17787 2.39
7:00 - 7:59 AM	8097 4.67	9569 5.17	9307 4.96	9735 4.92	36708 4.94
8:00 - 8:59 AM	7454 4.30	8870 4.79	8591 4.58	9073 4.58	33988 4.57
9:00 - 9:59 AM	6046 3.49	6629 3.58	6852 3.65	7121 3.60	26648 3.58
10:00 - 10:59 AM	6844 3.95	7580 4.09	7686 4.10	8140 4.11	30250 4.07
11:00 - 11:59 AM	8362 4.83	9088 4.91	9219 4.92	9754 4.93	36423 4.90
TOTAL	173216 23.29	185138 24.89	187544 25.21	197918 26.61	743816 100.00

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HOUR(HOUR OF ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
12:00 - 12:59 PM	10516 6.07	11062 5.98	11709 6.24	12263 6.20	45550 6.12
1:00 - 1:59 PM	9632 5.56	10313 5.57	10661 5.68	11643 5.88	42249 5.68
2:00 - 2:59 PM	10751 6.21	11306 6.11	12042 6.42	12479 6.31	46578 6.26
3:00 - 3:59 PM	14313 8.26	15272 8.25	15930 8.49	16696 8.44	62211 8.36
4:00 - 4:59 PM	14829 8.56	15966 8.62	16231 8.65	17240 8.71	64266 8.64
5:00 - 5:59 PM	14997 8.66	15539 8.39	16147 8.61	17061 8.62	63744 8.57
6:00 - 6:59 PM	10118 5.84	10943 5.91	11061 5.90	12003 6.06	44125 5.93
7:00 - 7:59 PM	7857 4.54	8171 4.41	8464 4.51	9051 4.57	33543 4.51
8:00 - 8:59 PM	6590 3.80	6925 3.74	6981 3.72	7523 3.80	28019 3.77
9:00 - 9:59 PM	6488 3.75	6743 3.64	6738 3.59	6959 3.52	26928 3.62
10:00 - 10:59 PM	5609 3.24	5870 3.17	5752 3.07	5828 2.94	23059 3.10
11:00 - 11:59 PM	5372 3.10	5474 2.96	5353 2.85	5345 2.70	21544 2.90
TOTAL	173216 23.29	185138 24.89	187544 25.21	197918 26.61	743816 100.00

TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RURAL-ALAMANCE	979 0.56	1003 0.54	951 0.50	1033 0.52	3966 0.53
ALAMANCE	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
BURLINGTON	1162 0.67	1271 0.68	1256 0.67	1300 0.65	4989 0.67
ELON COLLEGE	40 0.02	74 0.04	70 0.04	90 0.05	274 0.04
GIBSONVILLE	25 0.01	40 0.02	28 0.01	43 0.02	136 0.02
GRAHAM	276 0.16	333 0.18	371 0.20	413 0.21	1393 0.19
HAW RIVER	7 0.00	1 0.00	21 0.01	27 0.01	56 0.01
MEBANE	105 0.06	76 0.04	119 0.06	104 0.05	404 0.05
RURAL-ALEXANDER	416 0.24	438 0.24	417 0.22	444 0.22	1715 0.23
TAYLORSVILLE	73 0.04	84 0.05	107 0.06	119 0.06	383 0.05
RURAL-ALLEGHANY	169 0.10	159 0.09	171 0.09	174 0.09	673 0.09
SPARTA	41 0.02	34 0.02	50 0.03	57 0.03	182 0.02
RURAL-ANSON	296 0.17	323 0.17	317 0.17	382 0.19	1318 0.18
ANSONVILLE	6 0.00	8 0.00	3 0.00	8 0.00	25 0.00
LILESVILLE	9 0.01	12 0.01	6 0.00	7 0.00	34 0.00
MCFARLAN	1 0.00	0 0.00	2 0.00	3 0.00	6 0.00
MORVEN	16 0.01	12 0.01	1 0.00	6 0.00	35 0.00
PEACHLAND	6 0.00	11 0.01	6 0.00	6 0.00	29 0.00
POLKTON	18 0.01	14 0.01	19 0.01	20 0.01	71 0.01
WADESBORO	180 0.10	191 0.10	168 0.09	201 0.10	740 0.10
RURAL-ASHE	340 0.20	369 0.20	355 0.19	357 0.18	1421 0.19
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
JEFFERSON	39 0.02	32 0.02	51 0.03	40 0.02	162 0.02
LANSING	5 0.00	5 0.00	3 0.00	5 0.00	18 0.00
WARRENSVILLE	0 0.00	0 0.00	1 0.00	0 0.00	1 0.00
WEST JEFFERSON	56 0.03	47 0.03	51 0.03	64 0.03	218 0.03
RURAL-AVERY	313 0.18	327 0.18	306 0.16	315 0.16	1261 0.17
BANNER ELK	35 0.02	34 0.02	33 0.02	32 0.02	134 0.02
BEECH MOUNTAIN	10 0.01	16 0.01	21 0.01	20 0.01	67 0.01
CROSSNORE	9 0.01	5 0.00	2 0.00	8 0.00	24 0.00
ELK PARK	9 0.01	5 0.00	8 0.00	7 0.00	29 0.00
LINVILLE	1 0.00	1 0.00	0 0.00	0 0.00	2 0.00
NEWLAND	49 0.03	42 0.02	55 0.03	52 0.03	198 0.03
SUGAR MOUNTAIN	7 0.00	17 0.01	18 0.01	23 0.01	65 0.01
RURAL-BEAUFORT	620 0.36	596 0.32	571 0.30	599 0.30	2386 0.32
AURORA	8 0.00	9 0.00	5 0.00	6 0.00	28 0.00
BATH	3 0.00	3 0.00	7 0.00	5 0.00	18 0.00
BELHAVEN	30 0.02	46 0.02	37 0.02	30 0.02	143 0.02
CHOCOWINITY	26 0.01	37 0.02	38 0.02	37 0.02	138 0.02
PANTEGO	2 0.00	0 0.00	3 0.00	1 0.00	6 0.00
WASHINGTON	280 0.16	297 0.16	323 0.17	283 0.14	1183 0.16
WASHINGTON PARK	2 0.00	2 0.00	1 0.00	3 0.00	8 0.00
RURAL-BERTIE	367 0.21	353 0.19	333 0.18	310 0.16	1363 0.18
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
ASKEWVILLE	1 0.00	1 0.00	0 0.00	3 0.00	5 0.00
AULANDER	13 0.01	1 0.00	5 0.00	2 0.00	21 0.00
COLERAIN	4 0.00	3 0.00	1 0.00	4 0.00	12 0.00
KELFORD	5 0.00	7 0.00	3 0.00	5 0.00	20 0.00
LEWISTON	4 0.00	12 0.01	11 0.01	15 0.01	42 0.01
POWELLSVILLE	2 0.00	5 0.00	4 0.00	3 0.00	14 0.00
ROXOBEL	7 0.00	2 0.00	2 0.00	3 0.00	14 0.00
WINDSOR	54 0.03	36 0.02	14 0.01	38 0.02	142 0.02
RURAL-BLADEN	398 0.23	453 0.24	447 0.24	480 0.24	1778 0.24
BLADENBORO	13 0.01	16 0.01	5 0.00	8 0.00	42 0.01
CLARKTON	15 0.01	19 0.01	28 0.01	18 0.01	80 0.01
DUBLIN	9 0.01	10 0.01	7 0.00	8 0.00	34 0.00
ELIZABETHTOWN	76 0.04	96 0.05	114 0.06	132 0.07	418 0.06
TAR HEEL	4 0.00	1 0.00	0 0.00	4 0.00	9 0.00
WHITE LAKE	8 0.00	8 0.00	4 0.00	7 0.00	27 0.00
RURAL-BRUNSWICK	802 0.46	769 0.41	898 0.48	836 0.42	3305 0.44
BALD HEAD ISLAND	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
BELVILLE	3 0.00	7 0.00	4 0.00	7 0.00	21 0.00
BOILING SPR LAKE	18 0.01	22 0.01	13 0.01	17 0.01	70 0.01
BOLIVIA	4 0.00	4 0.00	9 0.00	1 0.00	18 0.00
CASSWELL BEACH	3 0.00	4 0.00	0 0.00	0 0.00	7 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
HOLDEN BEACH	9 0.01	3 0.00	4 0.00	9 0.00	25 0.00
LONG BEACH	50 0.03	27 0.01	30 0.02	14 0.01	121 0.02
NAVASSA	10 0.01	8 0.00	7 0.00	5 0.00	30 0.00
OCEAN ISLE	7 0.00	9 0.00	10 0.01	4 0.00	30 0.00
SHALLOTTE	75 0.04	81 0.04	72 0.04	59 0.03	287 0.04
SOUTHPORT	35 0.02	24 0.01	23 0.01	15 0.01	97 0.01
SUNSET BEACH	7 0.00	6 0.00	3 0.00	8 0.00	24 0.00
YAUPON BEACH	7 0.00	11 0.01	9 0.00	9 0.00	36 0.00
RURAL-BUNCOMBE	2070 1.19	2460 1.32	2374 1.26	2218 1.11	9122 1.22
ASHEVILLE	2430 1.39	2105 1.13	2101 1.11	2173 1.09	8809 1.18
BILTMORE FOREST	9 0.01	10 0.01	8 0.00	7 0.00	34 0.00
BLACK MOUNTAIN	59 0.03	84 0.05	85 0.05	119 0.06	347 0.05
MONTREAT	3 0.00	10 0.01	6 0.00	10 0.01	29 0.00
WEAVERVILLE	11 0.01	12 0.01	62 0.03	58 0.03	143 0.02
WOODFIN	59 0.03	75 0.04	55 0.03	78 0.04	267 0.04
RURAL-BURKE	1084 0.62	1228 0.66	1235 0.65	1295 0.65	4842 0.65
DREXEL	13 0.01	8 0.00	14 0.01	9 0.00	44 0.01
GLEN ALPINE	23 0.01	18 0.01	7 0.00	13 0.01	61 0.01
HILDEBRAN	37 0.02	35 0.02	45 0.02	37 0.02	154 0.02
LONGVIEW	61 0.03	96 0.05	76 0.04	91 0.05	324 0.04
MORGANTON	664 0.38	684 0.37	743 0.39	831 0.42	2922 0.39
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RUTHERFORD COLL.	0 0.00	0 0.00	16 0.01	11 0.01	27 0.00
VALDESE	66 0.04	39 0.02	13 0.01	98 0.05	216 0.03
RURAL-CABARRUS	955 0.55	771 0.41	880 0.47	914 0.46	3520 0.47
CONCORD	748 0.43	883 0.47	1029 0.55	1067 0.54	3727 0.50
HARRISBURG	55 0.03	39 0.02	45 0.02	42 0.02	181 0.02
KANNAPOLIS	765 0.44	781 0.42	735 0.39	817 0.41	3098 0.41
MOUNT PLEASANT	21 0.01	30 0.02	15 0.01	30 0.02	96 0.01
RURAL-CALDWELL	940 0.54	1009 0.54	1039 0.55	957 0.48	3945 0.53
CAJAN MOUNTAIN	1 0.00	1 0.00	1 0.00	0 0.00	3 0.00
GAMEWELL	11 0.01	15 0.01	9 0.00	11 0.01	46 0.01
GRANITE FALLS	62 0.04	73 0.04	106 0.06	102 0.05	343 0.05
HUDSON	81 0.05	124 0.07	123 0.07	116 0.06	444 0.06
LENOIR	739 0.42	889 0.48	879 0.47	938 0.47	3445 0.46
RHODHISS	11 0.01	13 0.01	7 0.00	8 0.00	39 0.01
RURAL-CAMDEN	103 0.06	101 0.05	100 0.05	107 0.05	411 0.05
RURAL-CARTERET	860 0.49	820 0.44	661 0.35	783 0.39	3124 0.42
ATLANTIC BEACH	118 0.07	100 0.05	103 0.05	138 0.07	459 0.06
BEAUFORT	85 0.05	124 0.07	86 0.05	77 0.04	372 0.05
CAPE CARTERET	6 0.00	6 0.00	6 0.00	11 0.01	29 0.00
EMERALD ISLE	58 0.03	38 0.02	64 0.03	51 0.03	211 0.03
INDIAN BEACH	11 0.01	12 0.01	11 0.01	11 0.01	45 0.01
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MOREHEAD CITY	337 0.19	308 0.17	267 0.14	240 0.12	1152 0.15
NEWPORT	8 0.00	10 0.01	12 0.01	2 0.00	32 0.00
PINE KNOLL SHORE	10 0.01	14 0.01	14 0.01	6 0.00	44 0.01
RURAL-CASWELL	373 0.21	397 0.21	342 0.18	379 0.19	1491 0.20
MILTON	4 0.00	4 0.00	4 0.00	4 0.00	16 0.00
YANCEYVILLE	0 0.00	0 0.00	30 0.02	50 0.03	80 0.01
RURAL-CATAWBA	1486 0.85	1513 0.81	1520 0.81	1543 0.77	6062 0.81
BROOKFORD	6 0.00	2 0.00	2 0.00	3 0.00	13 0.00
CATAWBA	7 0.00	9 0.00	7 0.00	10 0.01	33 0.00
CLAREMONT	17 0.01	20 0.01	20 0.01	19 0.01	76 0.01
CONOVER	253 0.15	278 0.15	295 0.16	353 0.18	1179 0.16
HICKORY	1578 0.91	1917 1.03	1887 1.00	2129 1.07	7511 1.00
MAIDEN	70 0.04	57 0.03	52 0.03	53 0.03	232 0.03
NEWTON	332 0.19	359 0.19	351 0.19	393 0.20	1435 0.19
RURAL-CHATHAM	748 0.43	780 0.42	755 0.40	810 0.41	3093 0.41
GOLDSTON	10 0.01	10 0.01	3 0.00	6 0.00	29 0.00
PITTSBORO	59 0.03	54 0.03	63 0.03	64 0.03	240 0.03
SILER CITY	119 0.07	118 0.06	44 0.02	148 0.07	429 0.06
RURAL-CHEROKEE	255 0.15	300 0.16	270 0.14	335 0.17	1160 0.16
ANDREWS	21 0.01	20 0.01	36 0.02	36 0.02	113 0.02
MURPHY	51 0.03	51 0.03	85 0.05	63 0.03	250 0.03
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RURAL-CHOWAN	107 0.06	130 0.07	131 0.07	131 0.07	499 0.07
EDENTON	85 0.05	94 0.05	71 0.04	87 0.04	337 0.05
RURAL-CLAY	121 0.07	136 0.07	126 0.07	130 0.07	513 0.07
HAYESVILLE	8 0.00	12 0.01	14 0.01	15 0.01	49 0.01
RURAL-CLEVELAND	1216 0.70	1441 0.77	1444 0.77	1443 0.72	5544 0.74
BELWOOD	0 0.00	0 0.00	7 0.00	9 0.00	16 0.00
BOILING SPRINGS	22 0.01	25 0.01	28 0.01	20 0.01	95 0.01
CASAR	3 0.00	9 0.00	8 0.00	6 0.00	26 0.00
FALLSTON	15 0.01	15 0.01	8 0.00	11 0.01	49 0.01
GROVER	5 0.00	10 0.01	10 0.01	14 0.01	39 0.01
KINGS MOUNTAIN	151 0.09	191 0.10	240 0.13	226 0.11	808 0.11
LATTIMORE	2 0.00	6 0.00	7 0.00	3 0.00	18 0.00
LAWNDALE	14 0.01	10 0.01	12 0.01	9 0.00	45 0.01
MOORESBORO	0 0.00	0 0.00	15 0.01	9 0.00	24 0.00
POLKVILLE	11 0.01	8 0.00	23 0.01	23 0.01	65 0.01
SHELBY	576 0.33	623 0.33	641 0.34	573 0.29	2413 0.32
WACO	10 0.01	11 0.01	10 0.01	20 0.01	51 0.01
RURAL-COLUMBUS	882 0.51	907 0.49	861 0.46	818 0.41	3468 0.46
BOLTON	17 0.01	13 0.01	18 0.01	21 0.01	69 0.01
BRUNSWICK	6 0.00	2 0.00	1 0.00	4 0.00	13 0.00
CERRO GORDO	2 0.00	3 0.00	9 0.00	4 0.00	18 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
CHADBOURN	50 0.03	39 0.02	32 0.02	27 0.01	148 0.02
FAIR BLUFF	3 0.00	4 0.00	1 0.00	1 0.00	9 0.00
LAKE WACCAMAW	0 0.00	9 0.00	7 0.00	10 0.01	26 0.00
TABOR CITY	51 0.03	62 0.03	44 0.02	46 0.02	203 0.03
WHITEVILLE	325 0.19	346 0.19	305 0.16	354 0.18	1330 0.18
RURAL-CRAVEN	714 0.41	709 0.38	688 0.36	771 0.39	2882 0.39
BRIDGETON	34 0.02	32 0.02	29 0.02	26 0.01	121 0.02
COVE CITY	7 0.00	3 0.00	3 0.00	4 0.00	17 0.00
DOVER	2 0.00	6 0.00	3 0.00	3 0.00	14 0.00
HAVELOCK	224 0.13	118 0.06	133 0.07	157 0.08	632 0.08
NEW BERN	639 0.37	709 0.38	666 0.35	778 0.39	2792 0.37
RIVER BEND	2 0.00	3 0.00	5 0.00	1 0.00	11 0.00
TRENT WOODS	1 0.00	10 0.01	4 0.00	2 0.00	17 0.00
VANCEBORO	11 0.01	12 0.01	10 0.01	10 0.01	43 0.01
RURAL-CUMBERLAND	2911 1.67	2896 1.56	2797 1.48	2945 1.48	11549 1.54
FALCON	1 0.00	1 0.00	1 0.00	0 0.00	3 0.00
FAYETTEVILLE	3491 2.00	3844 2.06	3761 1.99	4036 2.03	15132 2.02
GODWIN	1 0.00	0 0.00	2 0.00	1 0.00	4 0.00
HOPE MILLS	98 0.06	113 0.06	226 0.12	184 0.09	621 0.08
LINDEN	0 0.00	1 0.00	0 0.00	1 0.00	2 0.00
SPRING LAKE	103 0.06	289 0.16	311 0.16	279 0.14	982 0.13
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
STEDMAN	10 0.01	9 0.00	8 0.00	13 0.01	40 0.01
WADE	0 0.00	1 0.00	0 0.00	2 0.00	3 0.00
RURAL-CURRITUCK	381 0.22	380 0.20	351 0.19	431 0.22	1543 0.21
RURAL-DARE	254 0.15	246 0.13	218 0.12	203 0.10	921 0.12
KILL DEVIL HILLS	157 0.09	185 0.10	193 0.10	224 0.11	759 0.10
KITTY HAWK	0 0.00	0 0.00	76 0.04	104 0.05	180 0.02
MANTEO	39 0.02	43 0.02	14 0.01	46 0.02	142 0.02
NAGS HEAD	110 0.06	152 0.08	128 0.07	185 0.09	575 0.08
SOUTHERN SHORES	0 0.00	0 0.00	10 0.01	21 0.01	31 0.00
RURAL-DAVIDSON	1676 0.96	1760 0.95	1838 0.97	1879 0.94	7153 0.96
DENTON	30 0.02	47 0.03	26 0.01	31 0.02	134 0.02
LEXINGTON	594 0.34	696 0.37	671 0.36	830 0.42	2791 0.37
THOMASVILLE	546 0.31	630 0.34	647 0.34	606 0.30	2429 0.32
RURAL-DAVIE	362 0.21	411 0.22	472 0.25	443 0.22	1688 0.23
MOCKSVILLE	101 0.06	101 0.05	118 0.06	145 0.07	465 0.06
RURAL-DUPLIN	584 0.34	763 0.41	709 0.38	722 0.36	2778 0.37
BEAULAVILLE	11 0.01	10 0.01	37 0.02	12 0.01	70 0.01
CALYPSO	4 0.00	5 0.00	1 0.00	4 0.00	14 0.00
FAISON	1 0.00	2 0.00	3 0.00	2 0.00	8 0.00
KENANSVILLE	2 0.00	3 0.00	9 0.00	15 0.01	29 0.00
MAGNOLIA	4 0.00	6 0.00	4 0.00	7 0.00	21 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
ROSE HILL	30 0.02	53 0.03	26 0.01	16 0.01	125 0.02
TEACHEYS	2 0.00	3 0.00	2 0.00	2 0.00	9 0.00
WALLACE	123 0.07	127 0.07	147 0.08	127 0.06	524 0.07
WARSAW	61 0.03	62 0.03	72 0.04	64 0.03	259 0.03
RURAL-DURHAM	1104 0.63	1108 0.60	937 0.50	1012 0.51	4161 0.56
DURHAM	4580 2.63	4072 2.19	4228 2.24	5226 2.62	18106 2.42
RURAL-EDGEcombe	557 0.32	619 0.33	579 0.31	672 0.34	2427 0.32
CONETOE	4 0.00	3 0.00	3 0.00	5 0.00	15 0.00
LEGGETT	2 0.00	3 0.00	2 0.00	2 0.00	9 0.00
MACCLESFIELD	3 0.00	4 0.00	6 0.00	2 0.00	15 0.00
PINETOPS	23 0.01	29 0.02	13 0.01	22 0.01	87 0.01
PRINCEVILLE	25 0.01	36 0.02	32 0.02	24 0.01	117 0.02
SPEED	1 0.00	1 0.00	0 0.00	0 0.00	2 0.00
TARBORO	211 0.12	219 0.12	186 0.10	221 0.11	837 0.11
WHITAKERS	14 0.01	14 0.01	8 0.00	13 0.01	49 0.01
RURAL-FORSYTH	1703 0.98	1589 0.85	1546 0.82	1624 0.82	6462 0.86
CLEMMONS	0 0.00	83 0.04	161 0.09	174 0.09	418 0.06
KERNERSVILLE	312 0.18	390 0.21	388 0.21	425 0.21	1515 0.20
RURAL HALL	29 0.02	21 0.01	36 0.02	35 0.02	121 0.02
WALKERTON	8 0.00	13 0.01	34 0.02	43 0.02	98 0.01
WINSTON SALEM	5830 3.34	6082 3.27	6045 3.20	6267 3.15	24224 3.24
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RURAL-FRANKLIN	575 0.33	601 0.32	569 0.30	623 0.31	2368 0.32
BUNN	11 0.01	3 0.00	5 0.00	5 0.00	24 0.00
CENTERVILLE	0 0.00	2 0.00	1 0.00	0 0.00	3 0.00
FRANKLINTON	21 0.01	32 0.02	29 0.02	22 0.01	104 0.01
LOUISBURG	60 0.03	85 0.05	41 0.02	96 0.05	282 0.04
YOUNGSVILLE	12 0.01	7 0.00	7 0.00	3 0.00	29 0.00
RURAL-GASTON	1744 1.00	1784 0.96	1914 1.01	1891 0.95	7333 0.98
BELMONT	178 0.10	183 0.10	194 0.10	299 0.15	854 0.11
BESSEMER CITY	125 0.07	135 0.07	64 0.03	37 0.02	361 0.05
CHERRYVILLE	114 0.07	119 0.06	146 0.08	146 0.07	525 0.07
CRAMERTON	42 0.02	42 0.02	39 0.02	68 0.03	191 0.03
DALLAS	65 0.04	47 0.03	3 0.00	95 0.05	210 0.03
GASTONIA	2684 1.54	3133 1.68	3112 1.65	3523 1.77	12452 1.66
HIGH SHOALS	4 0.00	6 0.00	8 0.00	7 0.00	25 0.00
LOWELL	65 0.04	67 0.04	71 0.04	88 0.04	291 0.04
MCADENVILLE	38 0.02	42 0.02	46 0.02	58 0.03	184 0.02
MT HOLLY	3 0.00	92 0.05	178 0.09	236 0.12	509 0.07
RANLO	2 0.00	3 0.00	2 0.00	2 0.00	9 0.00
SPENCER MT	3 0.00	4 0.00	9 0.00	12 0.01	28 0.00
STANLEY	2 0.00	2 0.00	2 0.00	1 0.00	7 0.00
RURAL-GATES	215 0.12	214 0.11	185 0.10	207 0.10	821 0.11
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
GATESVILLE	6 0.00	4 0.00	4 0.00	2 0.00	16 0.00
RURAL-GRAHAM	115 0.07	108 0.06	105 0.06	118 0.06	446 0.06
ROBBINSVILLE	4 0.00	21 0.01	16 0.01	20 0.01	61 0.01
RURAL-GRANVILLE	471 0.27	558 0.30	601 0.32	677 0.34	2307 0.31
BUTNER	39 0.02	68 0.04	81 0.04	112 0.06	300 0.04
CREEDMOOR	47 0.03	61 0.03	39 0.02	43 0.02	190 0.03
OXFORD	231 0.13	185 0.10	174 0.09	212 0.11	802 0.11
STEM	1 0.00	2 0.00	4 0.00	1 0.00	8 0.00
STOVALL	8 0.00	4 0.00	4 0.00	1 0.00	17 0.00
RURAL-GREENE	269 0.15	276 0.15	270 0.14	282 0.14	1097 0.15
HOOKERTON	5 0.00	2 0.00	5 0.00	4 0.00	16 0.00
SNOW HILL	35 0.02	23 0.01	21 0.01	25 0.01	104 0.01
WALSTONBURG	4 0.00	3 0.00	3 0.00	4 0.00	14 0.00
RURAL-GUILFORD	1936 1.11	2210 1.19	2181 1.16	2547 1.28	8874 1.19
ARCHDALE	138 0.08	144 0.08	138 0.07	174 0.09	594 0.08
GREENSBORO	7048 4.04	8227 4.42	8637 4.58	9228 4.63	33140 4.43
HIGH POINT	2199 1.26	2542 1.37	2559 1.36	2611 1.31	9911 1.32
JAMESTOWN	33 0.02	35 0.02	36 0.02	39 0.02	143 0.02
RURAL-HALIFAX	509 0.29	622 0.33	590 0.31	667 0.33	2388 0.32
ENFIELD	65 0.04	61 0.03	52 0.03	51 0.03	229 0.03
HALIFAX	6 0.00	13 0.01	14 0.01	4 0.00	37 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
HOBGOOD	4 0.00	3 0.00	1 0.00	2 0.00	10 0.00
LITTLETON	19 0.01	12 0.01	13 0.01	7 0.00	51 0.01
ROANOKE RAPIDS	485 0.28	557 0.30	544 0.29	577 0.29	2163 0.29
SCOTLAND NECK	54 0.03	46 0.02	42 0.02	56 0.03	198 0.03
WELDON	62 0.04	85 0.05	85 0.05	84 0.04	316 0.04
RURAL-HARNETT	1015 0.58	1090 0.59	1062 0.56	1225 0.61	4392 0.59
ANGIER	56 0.03	62 0.03	70 0.04	65 0.03	253 0.03
BUNLEVEL	0 0.00	1 0.00	0 0.00	0 0.00	1 0.00
COATS	30 0.02	29 0.02	34 0.02	35 0.02	128 0.02
DUNN	384 0.22	395 0.21	420 0.22	400 0.20	1599 0.21
ERWIN	61 0.03	60 0.03	80 0.04	73 0.04	274 0.04
LILLINGTON	25 0.01	1 0.00	2 0.00	3 0.00	31 0.00
RURAL-HAYWOOD	718 0.41	746 0.40	723 0.38	750 0.38	2937 0.39
CANTON	98 0.06	67 0.04	105 0.06	81 0.04	351 0.05
CLYDE	9 0.01	2 0.00	13 0.01	9 0.00	33 0.00
HAZELWOOD	19 0.01	24 0.01	13 0.01	14 0.01	70 0.01
MAGGIE VALLEY	4 0.00	6 0.00	9 0.00	12 0.01	31 0.00
WAYNESVILLE	175 0.10	160 0.09	176 0.09	195 0.10	706 0.09
RURAL-HENDERSON	1224 0.70	1204 0.65	1333 0.71	1450 0.73	5211 0.70
HENDERSONVILLE	562 0.32	576 0.31	501 0.27	477 0.24	2116 0.28
LAUREL PARK	12 0.01	7 0.00	9 0.00	16 0.01	44 0.01
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN (TOWN CODE WITH COUNTY)

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RURAL-HERTFORD	316 0.18	303 0.16	252 0.13	298 0.15	1169 0.16
AHOSKIE	168 0.10	147 0.08	132 0.07	147 0.07	594 0.08
COFIELD	4 0.00	4 0.00	2 0.00	5 0.00	15 0.00
COMO	3 0.00	2 0.00	2 0.00	5 0.00	12 0.00
HARRELLSVILLE	1 0.00	1 0.00	0 0.00	1 0.00	3 0.00
MURFREESBORO	55 0.03	57 0.03	67 0.04	53 0.03	232 0.03
WINTON	8 0.00	4 0.00	9 0.00	9 0.00	30 0.00
RURAL-HOKE	293 0.17	359 0.19	400 0.21	427 0.21	1479 0.20
RAEFORD	74 0.04	86 0.05	103 0.05	113 0.06	376 0.05
RURAL-HYDE	83 0.05	95 0.05	101 0.05	94 0.05	373 0.05
RURAL-IREDELL	1076 0.62	1271 0.68	1294 0.69	1518 0.76	5159 0.69
HARMONY	4 0.00	5 0.00	7 0.00	8 0.00	24 0.00
LOVE VALLEY	0 0.00	0 0.00	1 0.00	0 0.00	1 0.00
MOORESVILLE	263 0.15	257 0.14	248 0.13	294 0.15	1062 0.14
STATESVILLE	874 0.50	929 0.50	850 0.45	899 0.45	3552 0.47
TROUTMAN	14 0.01	12 0.01	9 0.00	17 0.01	52 0.01
RURAL-JACKSON	450 0.26	498 0.27	572 0.30	519 0.26	2039 0.27
DILLSBORO	0 0.00	0 0.00	1 0.00	0 0.00	1 0.00
SYLVA	42 0.02	56 0.03	44 0.02	67 0.03	209 0.03
WEBSTER	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
RURAL-JOHNSTON	1229 0.71	1237 0.66	1260 0.67	1468 0.74	5194 0.69
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
BENSON	129 0.07	116 0.06	126 0.07	143 0.07	514 0.07
CLAYTON	131 0.08	142 0.08	144 0.08	135 0.07	552 0.07
FOUR OAKS	11 0.01	18 0.01	18 0.01	20 0.01	67 0.01
KENLY	46 0.03	42 0.02	55 0.03	68 0.03	211 0.03
MICRO	4 0.00	4 0.00	1 0.00	7 0.00	16 0.00
PINE LEVEL	25 0.01	20 0.01	16 0.01	20 0.01	81 0.01
PRINCETON	12 0.01	9 0.00	10 0.01	1 0.00	32 0.00
SELMA	98 0.06	95 0.05	97 0.05	97 0.05	387 0.05
SMITHFIELD	260 0.15	294 0.16	286 0.15	301 0.15	1141 0.15
RURAL-JONES	229 0.13	220 0.12	233 0.12	187 0.09	869 0.12
MAYSVILLE	8 0.00	15 0.01	11 0.01	13 0.01	47 0.01
POLLOCKVILLE	8 0.00	5 0.00	5 0.00	10 0.01	28 0.00
TRENTON	6 0.00	15 0.01	6 0.00	7 0.00	34 0.00
RURAL-LEE	426 0.24	469 0.25	438 0.23	450 0.23	1783 0.24
BROADWAY	4 0.00	6 0.00	6 0.00	9 0.00	25 0.00
SANFORD	714 0.41	689 0.37	762 0.40	721 0.36	2886 0.39
RURAL-LENOIR	759 0.44	729 0.39	741 0.39	727 0.36	2956 0.39
KINSTON	895 0.51	888 0.48	926 0.49	973 0.49	3682 0.49
LA GRANGE	30 0.02	29 0.02	17 0.01	22 0.01	98 0.01
PINK HILL	25 0.01	21 0.01	19 0.01	15 0.01	80 0.01
RURAL-LINCOLN	827 0.47	998 0.54	972 0.52	978 0.49	3775 0.50
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
LINCOLNTON	199 0.11	192 0.10	171 0.09	147 0.07	709 0.09
RURAL-MACON	294 0.17	334 0.18	328 0.17	352 0.18	1308 0.17
FRANKLIN	2 0.00	5 0.00	3 0.00	1 0.00	11 0.00
HIGHLANDS	30 0.02	45 0.02	44 0.02	41 0.02	160 0.02
RURAL-MADISON	291 0.17	303 0.16	286 0.15	331 0.17	1211 0.16
HOT SPRINGS	1 0.00	10 0.01	9 0.00	6 0.00	26 0.00
MARS HILL	25 0.01	26 0.01	14 0.01	21 0.01	86 0.01
MARSHALL	4 0.00	5 0.00	9 0.00	7 0.00	25 0.00
RURAL-MARTIN	360 0.21	468 0.25	420 0.22	447 0.22	1695 0.23
EVERETTS	6 0.00	6 0.00	2 0.00	4 0.00	18 0.00
HAMILTON	7 0.00	9 0.00	5 0.00	2 0.00	23 0.00
HASSELL	1 0.00	2 0.00	0 0.00	2 0.00	5 0.00
JAMESVILLE	19 0.01	20 0.01	8 0.00	25 0.01	72 0.01
OAK CITY	10 0.01	17 0.01	7 0.00	2 0.00	36 0.00
PARMELE	5 0.00	2 0.00	8 0.00	3 0.00	18 0.00
ROBERSONVILLE	12 0.01	0 0.00	2 0.00	13 0.01	27 0.00
WILLIAMSTON	164 0.09	175 0.09	163 0.09	196 0.10	698 0.09
RURAL-MCDOWELL	760 0.44	896 0.48	900 0.48	949 0.48	3505 0.47
MARION	219 0.13	243 0.13	263 0.14	313 0.16	1038 0.14
OLD FORT	9 0.01	12 0.01	18 0.01	21 0.01	60 0.01
RURAL-MECKLENBURG	2194 1.26	2271 1.22	2397 1.27	2313 1.16	9175 1.23
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
CHARLOTTE	17230 9.89	19370 10.41	20151 10.68	21385 10.73	78136 10.44
CORNELIUS	40 0.02	33 0.02	45 0.02	91 0.05	209 0.03
DAVIDSON	2 0.00	2 0.00	0 0.00	3 0.00	7 0.00
HUNTERSVILLE	3 0.00	6 0.00	7 0.00	7 0.00	23 0.00
MATTHEWS	250 0.14	330 0.18	363 0.19	483 0.24	1426 0.19
MINT HILL	137 0.08	148 0.08	168 0.09	161 0.08	614 0.08
PINEVILLE	173 0.10	195 0.10	224 0.12	319 0.16	911 0.12
RURAL-MITCHELL	190 0.11	205 0.11	217 0.11	188 0.09	800 0.11
BAKERSVILLE	9 0.01	11 0.01	11 0.01	8 0.00	39 0.01
SPRUCE PINE	74 0.04	119 0.06	82 0.04	81 0.04	356 0.05
RURAL-MONTGOMERY	315 0.18	378 0.20	341 0.18	413 0.21	1447 0.19
BISCOE	21 0.01	38 0.02	19 0.01	32 0.02	110 0.01
CANDOR	13 0.01	6 0.00	6 0.00	7 0.00	32 0.00
MT GILEAD	22 0.01	2 0.00	0 0.00	10 0.01	34 0.00
STAR	8 0.00	5 0.00	6 0.00	10 0.01	29 0.00
TROY	69 0.04	81 0.04	117 0.06	113 0.06	380 0.05
RURAL-MOORE	578 0.33	637 0.34	623 0.33	629 0.32	2467 0.33
ABERDEEN	156 0.09	187 0.10	180 0.10	166 0.08	689 0.09
CAMERON	12 0.01	9 0.00	3 0.00	10 0.01	34 0.00
CARTHAGE	2 0.00	4 0.00	1 0.00	1 0.00	8 0.00
PINE BLUFF	5 0.00	5 0.00	9 0.00	7 0.00	26 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
PINEHURST	105 0.06	124 0.07	143 0.08	120 0.06	492 0.07
ROBBINS	9 0.01	10 0.01	14 0.01	17 0.01	50 0.01
SOUTHERN PINES	274 0.16	311 0.17	322 0.17	300 0.15	1207 0.16
VASS	10 0.01	19 0.01	27 0.01	22 0.01	78 0.01
WHISPERING PINES	0 0.00	0 0.00	4 0.00	4 0.00	8 0.00
RURAL-NASH	728 0.42	871 0.47	891 0.47	1010 0.51	3500 0.47
BAILEYS	24 0.01	15 0.01	15 0.01	17 0.01	71 0.01
BATTLEBORO	5 0.00	12 0.01	4 0.00	7 0.00	28 0.00
CASTALIA	1 0.00	2 0.00	4 0.00	3 0.00	10 0.00
DORTCHES	19 0.01	26 0.01	34 0.02	45 0.02	124 0.02
MIDDLESEX	4 0.00	16 0.01	10 0.01	4 0.00	34 0.00
NASHVILLE	39 0.02	49 0.03	58 0.03	54 0.03	200 0.03
RED OAK	23 0.01	9 0.00	18 0.01	12 0.01	62 0.01
ROCKY MOUNT	1500 0.86	1531 0.82	1645 0.87	1566 0.79	6242 0.83
SHARPSBURG	18 0.01	13 0.01	10 0.01	14 0.01	55 0.01
SPRING HOPE	18 0.01	34 0.02	29 0.02	37 0.02	118 0.02
RURAL-NEW HANOVER	923 0.53	1018 0.55	1031 0.55	1037 0.52	4009 0.54
CAROLINA BEACH	35 0.02	32 0.02	43 0.02	27 0.01	137 0.02
KURE BEACH	9 0.01	9 0.00	8 0.00	4 0.00	30 0.00
WILMINGTON	2983 1.71	3048 1.64	3146 1.67	3228 1.62	12405 1.66
WRIGHTSVLE BEACH	69 0.04	54 0.03	79 0.04	82 0.04	284 0.04
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RURAL-NORTHAMPTON	309 0.18	325 0.17	355 0.19	341 0.17	1330 0.18
CONWAY	5 0.00	16 0.01	9 0.00	14 0.01	44 0.01
GARYSBURG	12 0.01	21 0.01	21 0.01	19 0.01	73 0.01
GASTON	5 0.00	19 0.01	16 0.01	6 0.00	46 0.01
JACKSON	3 0.00	5 0.00	1 0.00	2 0.00	11 0.00
LASKER	0 0.00	4 0.00	0 0.00	0 0.00	4 0.00
RICH SQUARE	20 0.01	11 0.01	26 0.01	21 0.01	78 0.01
SEABOARD	3 0.00	2 0.00	4 0.00	2 0.00	11 0.00
SEVERN	2 0.00	2 0.00	5 0.00	3 0.00	12 0.00
WOODLAND	6 0.00	6 0.00	11 0.01	4 0.00	27 0.00
RURAL-ONSLOW	1738 1.00	1853 1.00	1718 0.91	1926 0.97	7235 0.97
HOLLY RIDGE	8 0.00	12 0.01	12 0.01	14 0.01	46 0.01
JACKSONVILLE	1361 0.78	1343 0.72	1486 0.79	1629 0.82	5819 0.78
RICHLANDS	24 0.01	40 0.02	9 0.00	28 0.01	101 0.01
SWANSBORO	7 0.00	17 0.01	23 0.01	15 0.01	62 0.01
RURAL-ORANGE	862 0.49	928 0.50	872 0.46	985 0.49	3647 0.49
CARRBORO	165 0.09	164 0.09	222 0.12	205 0.10	756 0.10
CHAPEL HILL	1100 0.63	1064 0.57	889 0.47	986 0.49	4039 0.54
HILLSBOROUGH	128 0.07	109 0.06	110 0.06	171 0.09	518 0.07
RURAL-PAMLICO	131 0.08	136 0.07	131 0.07	129 0.06	527 0.07
ARAPAHOE	3 0.00	5 0.00	4 0.00	7 0.00	19 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
BAYBORO	13 0.01	9 0.00	16 0.01	12 0.01	50 0.01
HOLLYVILLE	0 0.00	1 0.00	0 0.00	2 0.00	3 0.00
ORIENTAL	1 0.00	0 0.00	1 0.00	1 0.00	3 0.00
MINNESOTT BEACH	1 0.00	0 0.00	2 0.00	0 0.00	3 0.00
STONEWALL	8 0.00	5 0.00	4 0.00	1 0.00	18 0.00
VANDEMERE	1 0.00	2 0.00	0 0.00	1 0.00	4 0.00
RURAL-PASQUOTANK	247 0.14	311 0.17	284 0.15	307 0.15	1149 0.15
ELIZABETH CITY	517 0.30	500 0.27	594 0.31	396 0.20	2007 0.27
RURAL-PENDER	497 0.29	539 0.29	538 0.29	595 0.30	2169 0.29
ATKINSON	3 0.00	2 0.00	2 0.00	4 0.00	11 0.00
BURGAU	38 0.02	38 0.02	40 0.02	38 0.02	154 0.02
SURF CITY	7 0.00	1 0.00	5 0.00	4 0.00	17 0.00
TOPSAIL BEACH	3 0.00	2 0.00	5 0.00	3 0.00	13 0.00
RURAL-PERQUIMANS	119 0.07	136 0.07	127 0.07	165 0.08	547 0.07
HERTFORD	33 0.02	45 0.02	37 0.02	41 0.02	156 0.02
WINFALL	6 0.00	3 0.00	14 0.01	16 0.01	39 0.01
RURAL-PERSON	397 0.23	411 0.22	395 0.21	415 0.21	1618 0.22
ROXBORO	292 0.17	312 0.17	290 0.15	298 0.15	1192 0.16
RURAL-PITT	998 0.57	1170 0.63	1097 0.58	1173 0.59	4438 0.59
AYDEN	50 0.03	39 0.02	55 0.03	60 0.03	204 0.03
BETHEL	24 0.01	32 0.02	37 0.02	20 0.01	113 0.02
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
FALKLAND	3 0.00	5 0.00	4 0.00	4 0.00	16 0.00
FARMVILLE	89 0.05	83 0.04	91 0.05	67 0.03	330 0.04
FOUNTAIN	7 0.00	1 0.00	4 0.00	3 0.00	15 0.00
GREENVILLE	1161 0.67	1432 0.77	1739 0.92	1983 1.00	6315 0.84
GRIFTON	17 0.01	20 0.01	16 0.01	23 0.01	76 0.01
GRIMESLAND	8 0.00	7 0.00	7 0.00	12 0.01	34 0.00
SIMPSON	0 0.00	2 0.00	0 0.00	0 0.00	2 0.00
WINTERVILLE	5 0.00	3 0.00	5 0.00	19 0.01	32 0.00
RURAL-POLK	201 0.12	209 0.11	239 0.13	218 0.11	867 0.12
COLUMBUS	17 0.01	22 0.01	38 0.02	27 0.01	104 0.01
SALUDA	1 0.00	9 0.00	3 0.00	4 0.00	17 0.00
TRYON	42 0.02	45 0.02	24 0.01	23 0.01	134 0.02
RURAL-RANDOLPH	1441 0.83	1381 0.74	1298 0.69	1480 0.74	5600 0.75
ASHEBORO	544 0.31	606 0.33	657 0.35	726 0.36	2533 0.34
FRANKLINVILLE	2 0.00	4 0.00	8 0.00	7 0.00	21 0.00
LIBERTY	3 0.00	11 0.01	42 0.02	48 0.02	104 0.01
RAMSEUR	56 0.03	63 0.03	69 0.04	61 0.03	249 0.03
RANDLEMAN	47 0.03	39 0.02	30 0.02	44 0.02	160 0.02
SEAGROVE	2 0.00	3 0.00	11 0.01	4 0.00	20 0.00
STALEY	8 0.00	4 0.00	7 0.00	7 0.00	26 0.00
RURAL-RICHMOND	569 0.33	601 0.32	523 0.28	621 0.31	2314 0.31
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

(CONTINUED)

TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
DOBBINS HEIGHTS	0 0.00	4 0.00	10 0.01	12 0.01	26 0.00
ELLERBE	24 0.01	18 0.01	15 0.01	20 0.01	77 0.01
HAMLET	180 0.10	231 0.12	220 0.12	213 0.11	844 0.11
HOFFMAN	3 0.00	9 0.00	6 0.00	5 0.00	23 0.00
NORMAN	1 0.00	2 0.00	1 0.00	1 0.00	5 0.00
ROCKINGHAM	298 0.17	376 0.20	410 0.22	447 0.22	1531 0.20
RURAL-ROBESON	1337 0.77	1511 0.81	1555 0.82	1715 0.86	6118 0.82
FAIRMONT	33 0.02	29 0.02	34 0.02	34 0.02	130 0.02
LUMBER BRIDGE	8 0.00	5 0.00	5 0.00	6 0.00	24 0.00
LUMBERTON	824 0.47	880 0.47	942 0.50	907 0.46	3553 0.47
MARIETTA	0 0.00	0 0.00	1 0.00	0 0.00	1 0.00
MAXTON	39 0.02	31 0.02	37 0.02	34 0.02	141 0.02
MCDONALDS	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
ORRUM	1 0.00	1 0.00	0 0.00	0 0.00	2 0.00
PARKTON	5 0.00	9 0.00	10 0.01	7 0.00	31 0.00
PEMBROKE	68 0.04	68 0.04	68 0.04	87 0.04	291 0.04
RAYNHAM	1 0.00	0 0.00	0 0.00	1 0.00	2 0.00
RED SPRINGS	55 0.03	76 0.04	69 0.04	56 0.03	256 0.03
RENNERT	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
ROWLAND	20 0.01	21 0.01	20 0.01	29 0.01	90 0.01
ST PAULS	44 0.03	55 0.03	70 0.04	48 0.02	217 0.03
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RURAL-ROCKINGHAM	979 0.56	983 0.53	1029 0.55	1089 0.55	4080 0.55
EDEN	403 0.23	418 0.22	471 0.25	477 0.24	1769 0.24
MADISON	101 0.06	104 0.06	112 0.06	111 0.06	428 0.06
MAYODAN	32 0.02	22 0.01	31 0.02	37 0.02	122 0.02
REIDSVILLE	375 0.22	384 0.21	395 0.21	398 0.20	1552 0.21
STONEVILLE	5 0.00	8 0.00	10 0.01	16 0.01	39 0.01
RURAL-ROWAN	1029 0.59	1175 0.63	1190 0.63	1267 0.64	4661 0.62
CHINA GROVE	46 0.03	64 0.03	76 0.04	53 0.03	239 0.03
CLEVELAND	9 0.01	10 0.01	12 0.01	12 0.01	43 0.01
EAST SPENCER	2 0.00	5 0.00	6 0.00	4 0.00	17 0.00
FAITH	13 0.01	8 0.00	12 0.01	7 0.00	40 0.01
GOLD HILL	0 0.00	1 0.00	0 0.00	0 0.00	1 0.00
GRANITE QUARRY	31 0.02	26 0.01	40 0.02	37 0.02	134 0.02
LANDIS	48 0.03	41 0.02	59 0.03	45 0.02	193 0.03
ROCKWELL	22 0.01	40 0.02	23 0.01	38 0.02	123 0.02
SALISBURY	1020 0.59	927 0.50	1014 0.54	1012 0.51	3973 0.53
SPENCER	34 0.02	39 0.02	12 0.01	6 0.00	91 0.01
RURAL-RUTHERFORD	743 0.43	801 0.43	803 0.43	814 0.41	3161 0.42
ALEXANDER MILLS	17 0.01	16 0.01	33 0.02	19 0.01	85 0.01
BOSTIC	4 0.00	1 0.00	6 0.00	6 0.00	17 0.00
ELLENBORO	7 0.00	19 0.01	19 0.01	10 0.01	55 0.01
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
FOREST CITY	303 0.17	307 0.16	324 0.17	308 0.15	1242 0.17
LAKE LURE	34 0.02	21 0.01	24 0.01	34 0.02	113 0.02
RUTH	3 0.00	3 0.00	7 0.00	5 0.00	18 0.00
RUTHERFORDTON	152 0.09	132 0.07	161 0.09	142 0.07	587 0.08
SPINDALE	78 0.04	73 0.04	72 0.04	67 0.03	290 0.04
RURAL-SAMPSON	756 0.43	757 0.41	790 0.42	862 0.43	3165 0.42
AUTRYVILLE	4 0.00	4 0.00	6 0.00	8 0.00	22 0.00
CLINTON	199 0.11	227 0.12	286 0.15	263 0.13	975 0.13
GARLAND	11 0.01	9 0.00	5 0.00	16 0.01	41 0.01
HARRELLS	6 0.00	12 0.01	10 0.01	12 0.01	40 0.01
NEWTON GROVE	13 0.01	18 0.01	21 0.01	13 0.01	65 0.01
ROSEBORO	32 0.02	26 0.01	25 0.01	21 0.01	104 0.01
SALEMBURG	6 0.00	10 0.01	9 0.00	6 0.00	31 0.00
TURKEY	9 0.01	3 0.00	3 0.00	3 0.00	18 0.00
RURAL-SCOTLAND	370 0.21	414 0.22	480 0.25	439 0.22	1703 0.23
EAST LAURINBURG	0 0.00	3 0.00	1 0.00	0 0.00	4 0.00
GIBSON	7 0.00	8 0.00	7 0.00	6 0.00	28 0.00
LAURINBURG	302 0.17	337 0.18	368 0.19	359 0.18	1366 0.18
WAGRAM	3 0.00	4 0.00	7 0.00	6 0.00	20 0.00
RURAL-STANLY	507 0.29	623 0.33	591 0.31	637 0.32	2358 0.32
ALBEMARLE	404 0.23	410 0.22	476 0.25	471 0.24	1761 0.24
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
LOCUST	33 0.02	39 0.02	41 0.02	44 0.02	157 0.02
NEW LONDON	4 0.00	6 0.00	3 0.00	8 0.00	21 0.00
NORWOOD	20 0.01	20 0.01	21 0.01	26 0.01	87 0.01
OAKBORO	12 0.01	13 0.01	16 0.01	14 0.01	55 0.01
RICHFIELD	8 0.00	8 0.00	5 0.00	5 0.00	26 0.00
STANFIELD	3 0.00	4 0.00	8 0.00	3 0.00	18 0.00
RURAL-STOKES	483 0.28	452 0.24	436 0.23	475 0.24	1846 0.25
DANBURY	3 0.00	2 0.00	4 0.00	5 0.00	14 0.00
KING	34 0.02	86 0.05	119 0.06	88 0.04	327 0.04
WALNUT COVE	31 0.02	22 0.01	23 0.01	26 0.01	102 0.01
RURAL-SURRY	1066 0.61	1124 0.60	1033 0.55	1012 0.51	4235 0.57
DOBSON	11 0.01	22 0.01	13 0.01	15 0.01	61 0.01
ELKIN	149 0.09	135 0.07	144 0.08	194 0.10	622 0.08
MT AIRY	369 0.21	430 0.23	445 0.24	448 0.22	1692 0.23
PILOT MOUNTAIN	46 0.03	69 0.04	61 0.03	51 0.03	227 0.03
RURAL-SWAIN	169 0.10	175 0.09	174 0.09	123 0.06	641 0.09
BRYSON CITY	11 0.01	7 0.00	2 0.00	15 0.01	35 0.00
RURAL-TRANSYLVANIA	341 0.20	384 0.21	326 0.17	398 0.20	1449 0.19
BREVARD	192 0.11	216 0.12	183 0.10	203 0.10	794 0.11
ROSMAN	9 0.01	12 0.01	5 0.00	10 0.01	36 0.00
RURAL-TYRRELL	55 0.03	60 0.03	56 0.03	65 0.03	236 0.03
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
COLUMBIA	11 0.01	14 0.01	13 0.01	14 0.01	52 0.01
RURAL-UNION	1080 0.62	1129 0.61	1267 0.67	1334 0.67	4810 0.64
INDIAN TRAIL	20 0.01	15 0.01	44 0.02	68 0.03	147 0.02
MARSHVILLE	33 0.02	15 0.01	35 0.02	51 0.03	134 0.02
MONROE	670 0.38	763 0.41	777 0.41	770 0.39	2980 0.40
UNIONVILLE	0 0.00	0 0.00	2 0.00	4 0.00	6 0.00
WAXHAW	29 0.02	27 0.01	32 0.02	25 0.01	113 0.02
WEDDINGTON	6 0.00	5 0.00	20 0.01	31 0.02	62 0.01
WINGATE	38 0.02	43 0.02	36 0.02	40 0.02	157 0.02
RURAL-VANCE	402 0.23	461 0.25	429 0.23	533 0.27	1825 0.24
HENDERSON	587 0.34	623 0.33	626 0.33	618 0.31	2454 0.33
KITTRELL	3 0.00	3 0.00	3 0.00	7 0.00	16 0.00
MIDDLEBURG	1 0.00	3 0.00	2 0.00	3 0.00	9 0.00
RURAL-WAKE	3930 2.25	3849 2.07	3520 1.87	3536 1.77	14835 1.98
APEX	100 0.06	116 0.06	127 0.07	126 0.06	469 0.06
CARY	836 0.48	953 0.51	895 0.47	933 0.47	3617 0.48
FUQUAY-VARINA	175 0.10	199 0.11	204 0.11	184 0.09	762 0.10
GARNER	367 0.21	342 0.18	314 0.17	322 0.16	1345 0.18
HOLLY SPRINGS	17 0.01	21 0.01	29 0.02	31 0.02	98 0.01
KNIGHTDALE	74 0.04	54 0.03	82 0.04	65 0.03	275 0.04
MORRISVILLE	43 0.02	24 0.01	33 0.02	45 0.02	145 0.02
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RALEIGH	8776 5.04	8914 4.79	9700 5.14	9819 4.93	37209 4.97
ROLESVILLE	5 0.00	20 0.01	17 0.01	10 0.01	52 0.01
WAKE FOREST	95 0.05	75 0.04	78 0.04	87 0.04	335 0.04
WENDELL	42 0.02	38 0.02	36 0.02	30 0.02	146 0.02
ZEBULON	70 0.04	79 0.04	97 0.05	90 0.05	336 0.04
RURAL-WARREN	209 0.12	206 0.11	229 0.12	224 0.11	868 0.12
MACON	1 0.00	0 0.00	0 0.00	0 0.00	1 0.00
NORLINA	7 0.00	14 0.01	14 0.01	14 0.01	49 0.01
WARRENTON	1 0.00	2 0.00	2 0.00	6 0.00	11 0.00
RURAL-WASHINGTON	154 0.09	160 0.09	149 0.08	176 0.09	639 0.09
CRESWELL	5 0.00	7 0.00	7 0.00	8 0.00	27 0.00
PLYMOUTH	109 0.06	80 0.04	96 0.05	113 0.06	398 0.05
ROPER	6 0.00	8 0.00	9 0.00	11 0.01	34 0.00
RURAL-WATAUGA	518 0.30	560 0.30	504 0.27	581 0.29	2163 0.29
BLOWING ROCK	54 0.03	64 0.03	51 0.03	70 0.04	239 0.03
BOONE	401 0.23	535 0.29	600 0.32	567 0.28	2103 0.28
RURAL-WAYNE	1010 0.58	1100 0.59	1000 0.53	1066 0.54	4176 0.56
DUDLEY	1 0.00	0 0.00	0 0.00	0 0.00	1 0.00
EUREKA	0 0.00	2 0.00	2 0.00	1 0.00	5 0.00
FREMONT	35 0.02	20 0.01	21 0.01	20 0.01	96 0.01
GOLDSBORO	1107 0.64	1128 0.61	1021 0.54	1187 0.60	4443 0.59
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MT OLIVE	81 0.05	92 0.05	103 0.05	100 0.05	376 0.05
PIKEVILLE	6 0.00	14 0.01	15 0.01	11 0.01	46 0.01
WALNUT CREEK	0 0.00	1 0.00	1 0.00	2 0.00	4 0.00
WHITEHALL	3 0.00	3 0.00	3 0.00	2 0.00	11 0.00
RURAL-WILKES	1006 0.58	1013 0.54	1061 0.56	1078 0.54	4158 0.56
NORTH WILKESBORO	172 0.10	191 0.10	195 0.10	186 0.09	744 0.10
RONDA	10 0.01	6 0.00	12 0.01	9 0.00	37 0.00
WILKESBORO	215 0.12	225 0.12	234 0.12	221 0.11	895 0.12
RURAL-WILSON	612 0.35	657 0.35	664 0.35	724 0.36	2657 0.36
BLACK CREEK	4 0.00	2 0.00	2 0.00	1 0.00	9 0.00
ELM CITY	17 0.01	10 0.01	17 0.01	14 0.01	58 0.01
LUCAMA	9 0.01	9 0.00	9 0.00	15 0.01	42 0.01
SARATOGA	8 0.00	9 0.00	1 0.00	1 0.00	19 0.00
SIMS	2 0.00	2 0.00	1 0.00	4 0.00	9 0.00
STANTONSBURG	6 0.00	11 0.01	9 0.00	10 0.01	36 0.00
WILSON	1245 0.71	1257 0.68	1191 0.63	840 0.42	4533 0.61
RURAL-YADKIN	482 0.28	491 0.26	479 0.25	492 0.25	1944 0.26
ARLINGTON	4 0.00	2 0.00	3 0.00	6 0.00	15 0.00
BOONVILLE	9 0.01	16 0.01	2 0.00	11 0.01	38 0.01
EAST BEND	7 0.00	11 0.01	2 0.00	7 0.00	27 0.00
JONESVILLE	46 0.03	51 0.03	35 0.02	46 0.02	178 0.02
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

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TOWN(TOWN CODE WITH COUNTY)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
YADKINVILLE	98 0.06	111 0.06	101 0.05	87 0.04	397 0.05
RURAL-YANCEY	221 0.13	221 0.12	229 0.12	212 0.11	883 0.12
BURNSVILLE	1 0.00	2 0.00	1 0.00	1 0.00	5 0.00
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

AMBUL((19) AMBULANCE REQUESTED)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	1621 .	1385 .	2604 .	9446 .	. .
AMBULANCE CALLED	41243 23.89	40744 22.05	43729 23.50	45998 24.24	171714 23.42
NOT REQUESTED	131427 76.11	144030 77.95	142387 76.50	143770 75.76	561614 76.58
TOTAL	172670 23.55	184774 25.20	186116 25.38	189768 25.88	733328 100.00

AMBHR(HOUR AMBULANCE ARRIVED)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	136876 .	149221 .	148898 .	157219 .	. .
12:00 - 3:59 AM	3372 9.01	2984 8.08	2993 7.52	2995 7.13	12344 7.90
4:00 - 7:59 AM	2916 7.79	3018 8.17	3191 8.01	3334 7.94	12459 7.98
8:00 - 11:59 AM	5593 14.95	5765 15.61	6308 15.84	6767 16.11	24433 15.65
12:00 - 3:59 PM	8683 23.21	8770 23.74	9665 24.27	10341 24.62	37459 23.99
4:00 - 7:59 PM	10574 28.26	10357 28.04	11388 28.60	12056 28.71	44375 28.41
8:00 - 11:59 PM	6277 16.78	6044 16.36	6277 15.76	6502 15.48	25100 16.07
TOTAL	37415 23.96	36938 23.65	39822 25.50	41995 26.89	156170 100.00

PROPDAMG((21) ADDITIONAL PROPERTY DAMAGE)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NO DAMAGE	154238 88.49	165864 89.10	168560 89.32	177310 89.00	665972 88.99
< \$100 DAMAGE	5757 3.30	5603 3.01	5342 2.83	5404 2.71	22106 2.95
\$ 100-199	3751 2.15	3826 2.06	3807 2.02	4315 2.17	15699 2.10
\$ 200-299	2390 1.37	2384 1.28	2366 1.25	2737 1.37	9877 1.32
\$ 300-399	1435 0.82	1429 0.77	1460 0.77	1588 0.80	5912 0.79
\$ 400-499	728 0.42	706 0.38	674 0.36	733 0.37	2841 0.38
\$ 500-599	1742 1.00	1917 1.03	1905 1.01	2144 1.08	7708 1.03
\$ 600-799	664 0.38	725 0.39	658 0.35	684 0.34	2731 0.36
\$ 800-999	463 0.27	474 0.25	457 0.24	567 0.28	1961 0.26
\$ 1,000-1,499	1187 0.68	1132 0.61	1271 0.67	1404 0.70	4994 0.67
\$ 1,500-1,999	494 0.28	564 0.30	535 0.28	583 0.29	2176 0.29
\$ 2,000-2,999	612 0.35	622 0.33	712 0.38	766 0.38	2712 0.36
\$ 3,000-4,999	380 0.22	411 0.22	441 0.23	464 0.23	1696 0.23
\$ 5,000 +	450 0.26	502 0.27	532 0.28	515 0.26	1999 0.27
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

TOTDAMG ((22) TOTAL PROPERTY DAMAGE)

*** ACC FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NO DAMAGE	2414 1.39	2423 1.30	2377 1.26	2738 1.37	9952 1.33
< \$100 DAMAGE	1217 0.70	1193 0.64	1092 0.58	1031 0.52	4533 0.61
\$ 100-149	736 0.42	740 0.40	723 0.38	673 0.34	2872 0.38
\$ 150-199	435 0.25	462 0.25	395 0.21	361 0.18	1653 0.22
\$ 200-249	744 0.43	734 0.39	764 0.40	739 0.37	2981 0.40
\$ 250-299	377 0.22	445 0.24	387 0.21	437 0.22	1646 0.22
\$ 300-399	1154 0.66	1106 0.59	1015 0.54	959 0.48	4234 0.57
\$ 400-499	1075 0.62	1058 0.57	966 0.51	954 0.48	4053 0.54
\$ 500-599	10095 5.79	10506 5.64	10099 5.35	10410 5.23	41110 5.49
\$ 600-799	16198 9.29	16266 8.74	15568 8.25	15544 7.80	63576 8.50
\$ 800-999	15177 8.71	15298 8.22	14717 7.80	14676 7.37	59868 8.00
\$1,000-1,499	30450 17.47	31216 16.77	31216 16.54	31482 15.80	124364 16.62
\$1,500-1,999	20427 11.72	21816 11.72	21673 11.48	22389 11.24	86305 11.53
\$2,000-2,499	16566 9.50	17726 9.52	17752 9.41	18731 9.40	70775 9.46
\$2,500-4,999	38025 21.82	42142 22.64	44216 23.43	48439 24.32	172822 23.09
\$5,000 +	19201 11.02	23028 12.37	25760 13.65	29651 14.88	97640 13.05
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

ACCTYPE((23) ACCIDENT TYPE=FIRST HARMFUL EVENT) *** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
TYPE NOT STATED	13 .	9 .	10 .	15 .	. .
RAN OFF RD RIGHT	24887 14.28	25543 13.72	24792 13.14	26897 13.50	102119 13.65
RAN OFF RD LEFT	13215 7.58	13619 7.32	13339 7.07	14461 7.26	54634 7.30
RAN OFF RD STRT	1423 0.82	1302 0.70	1313 0.70	1466 0.74	5504 0.74
OVERTURN	1028 0.59	976 0.52	916 0.49	882 0.44	3802 0.51
OTHER IN ROAD	520 0.30	459 0.25	434 0.23	478 0.24	1891 0.25
HIT PEDESTRIAN	2167 1.24	2171 1.17	2136 1.13	2224 1.12	8698 1.16
HIT PARKED VEH	6840 3.92	7672 4.12	8062 4.27	8714 4.37	31288 4.18
HIT TRAIN	179 0.10	217 0.12	206 0.11	191 0.10	793 0.11
HIT BICYCLE	1262 0.72	1229 0.66	1196 0.63	1066 0.54	4753 0.64
HIT MOPED	348 0.20	304 0.16	280 0.15	271 0.14	1203 0.16
HIT ANIMAL	2930 1.68	3456 1.86	3697 1.96	4049 2.03	14132 1.89
HIT FIXED OBJECT	2204 1.26	2443 1.31	2445 1.30	2897 1.45	9989 1.33
TOTAL	174278 23.29	186150 24.88	188710 25.22	199199 26.62	748337 100.00

(CONTINUED)

ACCTYPE((23) ACCIDENT TYPE=FIRST HARMFUL EVENT) *** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
HIT OTHER OBJECT	780 0.45	866 0.47	901 0.48	1158 0.58	3705 0.50
REAR END SLOW	31266 17.94	34178 18.36	36290 19.23	38974 19.57	140708 18.80
REAR END TURN	3866 2.22	3889 2.09	3682 1.95	3434 1.72	14871 1.99
LEFT TURN	16821 9.65	17555 9.43	17786 9.43	17590 8.83	69752 9.32
LT TURN CROSS TR	9836 5.64	10856 5.83	11556 6.12	11769 5.91	44017 5.88
RIGHT TURN	2506 1.44	2694 1.45	2806 1.49	2799 1.41	10805 1.44
RT TURN CROSS TR	3025 1.74	3314 1.78	3457 1.83	3559 1.79	13355 1.78
HEAD ON	1779 1.02	1850 0.99	2045 1.08	2355 1.18	8029 1.07
SIDESWIPE	6178 3.54	5467 2.94	8243 4.37	8750 4.39	28638 3.83
ANGLE	33184 19.04	36995 19.87	33266 17.63	34126 17.13	137571 18.38
BACKING	8034 4.61	9095 4.89	9862 5.23	11089 5.57	38080 5.09
TOTAL	174278 23.29	186150 24.88	188710 25.22	199199 26.62	748337 100.00

LOCALITY((24) LOCALITY)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	396 .	381 .	374 .	447 .	. .
RURAL-<30% DEVEL	49780 28.63	53542 28.82	52449 27.85	56087 28.22	211858 28.37
MIXED-30-70% DEV	31401 18.06	32346 17.41	33025 17.53	33366 16.79	130138 17.43
URBAN->70% DEVEL	92714 53.32	99890 53.77	102872 54.62	109314 55.00	404790 54.20
TOTAL	173895 23.29	185778 24.88	188346 25.22	198767 26.62	746786 100.00

DEVELP((25) DEVELOPMENT)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	384 .	355 .	325 .	414 .	. .
FARM,WDS,PASTURE	46370 26.66	49308 26.54	48484 25.74	52154 26.23	196316 26.28
RESIDENTIAL	48776 28.05	51245 27.58	50996 27.07	53042 26.68	204059 27.32
COMMERCIAL	73284 42.14	79286 42.67	82792 43.95	87084 43.80	322446 43.17
INSTITUTIONAL	3446 1.98	3737 2.01	3849 2.04	4220 2.12	15252 2.04
INDUSTRIAL	2031 1.17	2228 1.20	2274 1.21	2300 1.16	8833 1.18
TOTAL	173907 23.28	185804 24.88	188395 25.22	198800 26.62	746906 100.00

RDFEATR((26) ROAD FEATURE)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	643 .	604 .	581 .	636 .	. .
NO SPECL FEATURE	84718 48.79	91608 49.37	93317 49.60	100810 50.77	370453 49.66
BRIDGE	2356 1.36	3176 1.71	2575 1.37	4188 2.11	12295 1.65
UNDERPASS	412 0.24	471 0.25	453 0.24	487 0.25	1823 0.24
PUBLIC DRIVEWAY	10468 6.03	11972 6.45	12960 6.89	13618 6.86	49018 6.57
PRIVATE DRIVEWAY	8692 5.01	8282 4.46	8113 4.31	8013 4.04	33100 4.44
ALLEY INTERSECTN	444 0.26	378 0.20	386 0.21	324 0.16	1532 0.21
INTRSCTN OF RDWY	56956 32.80	59374 32.00	59997 31.89	60272 30.35	236599 31.72
MEDIAN CROSSING	1301 0.75	1302 0.70	1194 0.63	1110 0.56	4907 0.66
END-BEGN DVD HWY	398 0.23	445 0.24	403 0.21	362 0.18	1608 0.22
INTERCHANGE RAMP	1834 1.06	1996 1.08	1965 1.04	2177 1.10	7972 1.07
INTRCHNG SER RD	166 0.10	184 0.10	168 0.09	145 0.07	663 0.09
RAILROAD XING	630 0.36	675 0.36	672 0.36	672 0.34	2649 0.36
TUNNEL	27 0.02	39 0.02	31 0.02	21 0.01	118 0.02
OTHER	5246 3.02	5653 3.05	5905 3.14	6379 3.21	23183 3.11
TOTAL	173648 23.28	185555 24.88	188139 25.22	198578 26.62	745920 100.00

RDCHAR((27) ROAD CHARACTER)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	716 .	689 .	691 .	770 .	. .
STRAIGHT, LEVEL	102069 58.80	109870 59.24	113457 60.34	118880 59.91	444276 59.59
STRT, HILLCREST	8308 4.79	8810 4.75	8757 4.66	9521 4.80	35396 4.75
STRAIGHT, GRADE	28018 16.14	30503 16.45	30416 16.18	32688 16.47	121625 16.31
STRT, BOTTOM	3223 1.86	3353 1.81	3262 1.73	3628 1.83	13466 1.81
CURVE, LEVEL	15976 9.20	16407 8.85	16085 8.55	16603 8.37	65071 8.73
CURVE, HILLCREST	2371 1.37	2554 1.38	2410 1.28	2487 1.25	9822 1.32
CURVE, GRADE	12453 7.17	12851 6.93	12547 6.67	13331 6.72	51182 6.87
CURVE, BOTTOM	1157 0.67	1122 0.60	1095 0.58	1306 0.66	4680 0.63
TOTAL	173575 23.28	185470 24.88	188029 25.22	198444 26.62	745518 100.00

CURVE (CURVE OF ROAD)

*** ACC FREQ ***

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	716 .	689 .	691 .	770 .	. .
STRAIGHT	141618 81.59	152536 82.24	155892 82.91	164717 83.00	614763 82.46
CURVE	31957 18.41	32934 17.76	32137 17.09	33727 17.00	130755 17.54
TOTAL	173575 23.28	185470 24.88	188029 25.22	198444 26.62	745518 100.00

GRADE (SLOPE OF ROAD)

*** ACC FREQ ***

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	716 .	689 .	691 .	770 .	. .
LEVEL	118045 68.01	126277 68.08	129542 68.89	135483 68.27	509347 68.32
HILLCREST	10679 6.15	11364 6.13	11167 5.94	12008 6.05	45218 6.07
GRADE	40471 23.32	43354 23.38	42963 22.85	46019 23.19	172807 23.18
BOTTOM	4380 2.52	4475 2.41	4357 2.32	4934 2.49	18146 2.43
TOTAL	173575 23.28	185470 24.88	188029 25.22	198444 26.62	745518 100.00

RDCLASS((28) ROAD CLASS)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	731 .	707 .	686 .	757 .	. .
INTERSTATE	5044 2.91	6060 3.27	6521 3.47	8070 4.07	25695 3.45
US ROUTE	29924 17.24	31332 16.89	30502 16.22	32473 16.36	124231 16.66
NC ROUTE	24732 14.25	27039 14.58	26492 14.09	27172 13.69	105435 14.14
SECONDARY RT	36974 21.30	38826 20.94	39039 20.76	40885 20.60	155724 20.89
LOCAL ST	64789 37.33	68593 36.99	70249 37.36	73084 36.83	276715 37.12
OTHER PUBLIC RD	4791 2.76	9176 4.95	11726 6.24	13624 6.86	39317 5.27
PVT RD, PROP, DVWY	7306 4.21	4426 2.39	3505 1.86	3149 1.59	18386 2.47
TOTAL	173560 23.28	185452 24.88	188034 25.22	198457 26.62	745503 100.00

LANES((29) NUMBER OF LANES)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	10953	12536	14040	15563	.
	.	.	.	.	.
1	2311 1.41	2292 1.32	2382 1.36	2527 1.38	9512 1.37
2	103273 63.23	108895 62.72	107788 61.71	112089 61.03	432045 62.14
3	8914 5.46	9637 5.55	10363 5.93	11152 6.07	40066 5.76
4	30669 18.78	32589 18.77	32875 18.82	35231 19.18	131364 18.89
5	10423 6.38	11474 6.61	12288 7.03	12961 7.06	47146 6.78
6	5254 3.22	5658 3.26	5707 3.27	6211 3.38	22830 3.28
7	1434 0.88	1628 0.94	1835 1.05	1924 1.05	6821 0.98
8	487 0.30	531 0.31	601 0.34	648 0.35	2267 0.33
9+ LANES	573 0.35	919 0.53	841 0.48	908 0.49	3241 0.47
TOTAL	163338 23.49	173623 24.97	174680 25.12	183651 26.41	695292 100.00

RDCONFIG((30) ROAD CONFIGURATION)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	2810	3025	3048	3118	.
	.	.	.	.	.
UNDIVD, ONE-WAY	6956 4.06	7289 3.98	7292 3.93	7590 3.87	29127 3.96
UNDIVD, TWO-WAY	131240 76.53	140234 76.57	142574 76.79	150475 76.74	564523 76.66
DIVIDED	33285 19.41	35611 19.45	35806 19.28	38031 19.39	142733 19.38
TOTAL	171481 23.29	183134 24.87	185672 25.21	196096 26.63	736383 100.00

RDSURF((31) ROAD SURFACE)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	453 .	460 .	389 .	471 .	. .
CONCRETE	5382 3.10	6540 3.52	6330 3.36	7542 3.79	25794 3.45
GROOVED CONCRETE	1205 0.69	1276 0.69	1264 0.67	1437 0.72	5182 0.69
SMOOTH ASPHALT	117159 67.40	124708 67.16	127901 67.91	134841 67.85	504609 67.59
COARSE ASPHALT	45187 25.99	48289 26.00	48191 25.59	50317 25.32	191984 25.71
GRAVEL	2577 1.48	2676 1.44	2612 1.39	2671 1.34	10536 1.41
SAND	693 0.40	577 0.31	534 0.28	460 0.23	2264 0.30
SOIL	1450 0.83	1396 0.75	1174 0.62	1152 0.58	5172 0.69
OTHER	185 0.11	237 0.13	325 0.17	323 0.16	1070 0.14
TOTAL	173838 23.28	185699 24.87	188331 25.22	198743 26.62	746611 100.00

RDDEFECT((32) ROAD DEFECTS)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	537 .	504 .	478 .	546 .	. .
NO DEFECTS	165821 95.43	177110 95.40	180128 95.69	190042 95.66	713101 95.55
LOOSE MATERIAL	2793 1.61	2726 1.47	2493 1.32	2468 1.24	10480 1.40
HOLES, DEEP RUTS	533 0.31	549 0.30	453 0.24	535 0.27	2070 0.28
LOW SHOULDERS	828 0.48	784 0.42	773 0.41	715 0.36	3100 0.42
SOFT SHOULDERS	790 0.45	868 0.47	762 0.40	905 0.46	3325 0.45
OTHER DEFECTS	372 0.21	544 0.29	495 0.26	601 0.30	2012 0.27
REPAIRS, DEFECTS	385 0.22	547 0.29	525 0.28	610 0.31	2067 0.28
UNDER CONSTRUCTN	2232 1.28	2527 1.36	2613 1.39	2792 1.41	10164 1.36
TOTAL	173754 23.28	185655 24.88	188242 25.22	198668 26.62	746319 100.00

RDCOND((33) ROAD CONDITION)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	789 .	697 .	638 .	733 .	. .
DRY	133817 77.13	142643 76.91	145574 77.40	138182 69.62	560216 75.14
WET	36921 21.28	34951 18.85	35634 18.95	47194 23.78	154700 20.75
MUDDY	238 0.14	211 0.11	145 0.08	195 0.10	789 0.11
SNOWY	981 0.57	2125 1.15	2284 1.21	2749 1.39	8139 1.09
ICY	1428 0.82	5362 2.89	4296 2.28	9986 5.03	21072 2.83
OTHER	117 0.07	170 0.09	149 0.08	175 0.09	611 0.08
TOTAL	173502 23.27	185462 24.88	188082 25.23	198481 26.62	745527 100.00

LIGHT((34) LIGHT CONDITION)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	619 .	662 .	623 .	719 .	. .
DAYLIGHT	117288 67.53	127952 68.98	131356 69.83	137529 69.29	514125 68.94
DUSK	5193 2.99	5361 2.89	5314 2.83	5841 2.94	21709 2.91
DAWN	2471 1.42	2771 1.49	2491 1.32	2854 1.44	10587 1.42
DARK, ST LIT	21677 12.48	21984 11.85	22134 11.77	23544 11.86	89339 11.98
DARK, NOT LIT	27043 15.57	27429 14.79	26802 14.25	28727 14.47	110001 14.75
TOTAL	173672 23.29	185497 24.87	188097 25.22	198495 26.62	745761 100.00

WEATHER((35) WEATHER)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	669 .	696 .	719 .	741 .	. .
CLEAR	113282 65.25	124289 67.02	128076 68.13	116528 58.71	482175 64.67
CLOUDY	29286 16.87	29171 15.73	28620 15.22	35568 17.92	122645 16.45
RAINING	27562 15.87	26654 14.37	26955 14.34	36196 18.24	117367 15.74
SNOWING	1118 0.64	2263 1.22	2136 1.14	3662 1.85	9179 1.23
FOG, SMOG, SMK, DST	2239 1.29	1541 0.83	1914 1.02	2048 1.03	7742 1.04
SLEET OR HAIL	135 0.08	1545 0.83	300 0.16	4471 2.25	6451 0.87
TOTAL	173622 23.29	185463 24.88	188001 25.22	198473 26.62	745559 100.00

TRAFCTL((36) TRAFFIC CONTROL)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	3177 .	2656 .	2417 .	2549 .	. .
NO CONTROL	119681 69.94	128612 70.09	129983 69.77	139140 70.75	517416 70.15
STOP SIGN	23549 13.76	24958 13.60	25369 13.62	25105 12.77	98981 13.42
YIELD SIGN	1607 0.94	1614 0.88	1608 0.86	1683 0.86	6512 0.88
STOP & GO SIGNAL	22455 13.12	24133 13.15	25402 13.63	26314 13.38	98304 13.33
FLASH SIG&STOP	829 0.48	999 0.54	1025 0.55	1090 0.55	3943 0.53
FLASHING SIGNAL	819 0.48	938 0.51	830 0.45	903 0.46	3490 0.47
RR GATE&FLASHER	109 0.06	114 0.06	104 0.06	121 0.06	448 0.06
RR FLASHER	92 0.05	77 0.04	99 0.05	96 0.05	364 0.05
RR CROSSBUCKS	141 0.08	136 0.07	149 0.08	138 0.07	564 0.08
HUMAN CONTROL	768 0.45	831 0.45	780 0.42	946 0.48	3325 0.45
OTHER	1064 0.62	1091 0.59	954 0.51	1129 0.57	4238 0.57
TOTAL	171114 23.20	183503 24.88	186303 25.26	196665 26.66	737585 100.00

CNTRLWK((37) TRAFFIC CONTROL CONDITION)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	116420 .	123822 .	122145 .	129222 .	. .
OPERATING	42336 73.16	44960 72.12	46807 70.31	46897 67.00	181000 70.49
NOT OPERATING	15535 26.84	17377 27.88	19768 29.69	23095 33.00	75775 29.51
TOTAL	57871 22.54	62337 24.28	66575 25.93	69992 27.26	256775 100.00

SEECNTRL((38) TRAFFIC CONTROL VISIBLE)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	113359 .	119476 .	117267 .	123269 .	. .
VISIBLE	45851 75.25	49523 74.27	51906 72.64	53441 70.37	200721 72.99
NOT VISIBLE	15081 24.75	17160 25.73	19547 27.36	22504 29.63	74292 27.01
TOTAL	60932 22.16	66683 24.25	71453 25.98	75945 27.62	275013 100.00

NOTE: The table for CNTRL2 on the next page demonstrates the interaction between the two items: TRAFFIC CONTROL OPERATING and TRAFFIC CONTROL VISIBLE.

CNTRL2 (TRAFFIC CONTROL WORKING/VISIBLE)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOTHING STATED	12920 .	12737 .	12136 .	12855 .	. .
NO CNTRL PRESENT	119681 74.17	128612 74.16	129983 73.61	139140 74.66	517416 74.16
SEEN, NOT WORKING	399 0.25	425 0.25	496 0.28	748 0.40	2068 0.30
NOT WORK OR SEEN	943 0.58	887 0.51	777 0.44	1010 0.54	3617 0.52
WORKING, NOT SEEN	207 0.13	248 0.14	290 0.16	306 0.16	1051 0.15
WORKING&VISIBLE	40141 24.87	43250 24.94	45038 25.51	45155 24.23	173584 24.88
TOTAL	161371 23.13	173422 24.85	176584 25.31	186359 26.71	697736 100.00

TOWNPOP((39) TOWN POPULATION)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RURAL	71854 41.23	76374 41.03	75287 39.89	79319 39.82	302834 40.47
< 1,000	2181 1.25	1899 1.02	1970 1.04	2087 1.05	8137 1.09
1,000-4,999	10482 6.01	9994 5.37	10458 5.54	11508 5.78	42442 5.67
5,000-9,999	6579 3.77	8491 4.56	8742 4.63	9079 4.56	32891 4.39
10,000-19,999	12197 7.00	12571 6.75	12977 6.88	13146 6.60	50891 6.80
20,000-34,999	9142 5.25	7921 4.25	8099 4.29	8770 4.40	33932 4.53
35,000-49,999	10272 5.89	7572 4.07	7747 4.11	7809 3.92	33400 4.46
50,000-74,999*	8120 4.66	14672 7.88	14679 7.78	15571 7.82	53042 7.09
100,000+	43464 24.94	46665 25.07	48761 25.84	51925 26.06	190815 25.50
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

* No North Carolina town in the 75,000-99,999 population group

MEANS((40) MEANS OF INVOLVEMENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RAN OFF ROAD	35765 20.52	36382 19.54	35463 18.79	38388 19.27	145998 19.51
HIT FIXED OBJECT	2023 1.16	2222 1.19	2228 1.18	2609 1.31	9082 1.21
HIT NON-FXD OBJ	1782 1.02	1824 0.98	1743 0.92	1991 1.00	7340 0.98
CAR VS CAR	70022 40.18	74429 39.98	75080 39.78	76218 38.26	295749 39.52
CAR VS TRK,BUS	33752 19.37	37554 20.17	39936 21.16	42552 21.36	153794 20.55
2+ VEHS INVOLVED	12232 7.02	13457 7.23	13383 7.09	14424 7.24	53496 7.15
OTR 1,2 VEH ACC	18715 10.74	20291 10.90	20887 11.07	23032 11.56	82925 11.08
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

SPEED((41) SPEED OF ACCIDENT)

*** ACC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	961 .	946 .	926 .	911 .	. .
00-29 MPH	62228 35.90	68082 36.76	71218 37.92	76145 38.40	277673 37.29
30-49 MPH	74275 42.85	79078 42.70	78283 41.69	82758 41.73	314394 42.22
50+ MPH	36827 21.25	38053 20.55	38293 20.39	39400 19.87	152573 20.49
TOTAL	173330 23.28	185213 24.87	187794 25.22	198303 26.63	744640 100.00

ACCREGN((149) ACCIDENT REGION OF IMPACT)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
ONE VEH-FRONTAL	23797 13.65	24396 13.10	23850 12.64	26090 13.10	98133 13.11
ONE VEH-RT SIDE	4911 2.82	5091 2.73	4960 2.63	5710 2.87	20672 2.76
ONE VEH-LFT SIDE	4439 2.55	4926 2.65	4574 2.42	5228 2.62	19167 2.56
ONE VEH-REAR	1281 0.73	1389 0.75	1341 0.71	1545 0.78	5556 0.74
ONE VEH-OTHER	8326 4.78	8394 4.51	8686 4.60	8729 4.38	34135 4.56
HEADON COLLISION	13524 7.76	15324 8.23	15478 8.20	15836 7.95	60162 8.04
FRONT VS REAR	34099 19.56	36707 19.72	38655 20.48	40977 20.57	150438 20.10
REAR VS REAR	719 0.41	862 0.46	945 0.50	1018 0.51	3544 0.47
FRONT VS SIDE	46560 26.71	49517 26.60	50102 26.55	51518 25.86	197697 26.42
REAR VS SIDE	6024 3.46	6602 3.55	6809 3.61	7500 3.76	26935 3.60
SIDE VS SIDE	8971 5.15	9603 5.16	9672 5.13	9605 4.82	37851 5.06
OTR 2-VEH COLLIS	9408 5.40	9891 5.31	10265 5.44	11034 5.54	40598 5.42
MORE THAN 2 VEH	12232 7.02	13457 7.23	13383 7.09	14424 7.24	53496 7.15
TOTAL	174291 23.29	186159 24.87	188720 25.22	199214 26.62	748384 100.00

SPDLMT((70) SPEED LIMIT)

*** ACC FREQ ***

* * * * *

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	8647 .	9319 .	9832 .	10493 .	. .
UNKNOWN	851 .	944 .	1052 .	1138 .	. .
10 MPH	1724 1.05	1953 1.11	2140 1.20	2345 1.25	8162 1.16
15 MPH	2212 1.34	2546 1.45	2924 1.64	3490 1.86	11172 1.58
20 MPH	3980 2.42	3955 2.25	3837 2.16	3723 1.98	15495 2.19
25 MPH	5943 3.61	6520 3.71	6751 3.80	7068 3.77	26282 3.72
30 MPH	588 0.36	492 0.28	547 0.31	559 0.30	2186 0.31
35 MPH	61711 37.45	64656 36.76	66131 37.19	67818 36.15	260316 36.87
40 MPH	1234 0.75	1259 0.72	1222 0.69	1321 0.70	5036 0.71
45 MPH	34219 20.76	37598 21.38	38092 21.42	40600 21.64	150509 21.32
50 MPH	1595 0.97	1739 0.99	1723 0.97	1844 0.98	6901 0.98
55 MPH	51587 31.30	54568 31.02	52622 29.59	56100 29.91	214877 30.43
65 MPH	0 0.00	610 0.35	1847 1.04	2715 1.45	5172 0.73
TOTAL	164793 23.34	175896 24.91	177836 25.19	187583 26.57	706108 100.00

NOTE: Prior to August 15, 1987, the maximum speed limit was 55 mph. Only warranted rural interstate sections were changed to 65 mph limit.

This table uses the speed limit value for the first vehicle in the crash to estimate the speed limit for the site of the collision.

The later "VEH FREQ" tables include a table for SPDLMT which shows the reported speed limit value for the roadway that each vehicle in the crash was travelling.

MODYR((42) VEHICLE MODEL YEAR - OFFICER)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	11091 .	12299 .	12827 .	14078 .	. .
PRE 67 MODEL	5727 1.85	4931 1.49	3912 1.16	3247 0.92	17817 1.34
67	2110 0.68	1721 0.52	1450 0.43	1237 0.35	6518 0.49
68	2821 0.91	2334 0.70	1838 0.55	1439 0.41	8432 0.63
69	3579 1.16	2919 0.88	2362 0.70	1927 0.54	10787 0.81
70	4729 1.53	3840 1.16	3020 0.90	2334 0.66	13923 1.04
71	5621 1.82	4567 1.38	3551 1.05	2872 0.81	16611 1.25
72	8508 2.75	7115 2.14	5416 1.61	4307 1.22	25346 1.90
73	10569 3.42	8557 2.58	6549 1.94	5277 1.49	30952 2.32
74	11168 3.61	9324 2.81	7142 2.12	5431 1.53	33065 2.48
75	9593 3.10	8221 2.48	6386 1.89	5005 1.41	29205 2.19
76	15569 5.04	14022 4.22	11266 3.34	9193 2.59	50050 3.76
77	19322 6.25	17741 5.35	15250 4.52	12857 3.63	65170 4.89
TOTAL	309207 23.20	331882 24.90	337201 25.30	354468 26.60	1332758 100.00

(CONTINUED)

MODYR((42) VEHICLE MODEL YEAR - OFFICER)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
78	21111 6.83	20500 6.18	18096 5.37	16309 4.60	76016 5.70
79	22880 7.40	22590 6.81	19977 5.92	17988 5.07	83435 6.26
80	20248 6.55	20069 6.05	17987 5.33	16149 4.56	74453 5.59
81	19432 6.28	19225 5.79	17694 5.25	16845 4.75	73196 5.49
82	18646 6.03	19452 5.86	18008 5.34	17200 4.85	73306 5.50
83	21259 6.88	21551 6.49	20426 6.06	20292 5.72	83528 6.27
84	30269 9.79	30840 9.29	29769 8.83	29592 8.35	120470 9.04
85	30856 9.98	31519 9.50	30087 8.92	30640 8.64	123102 9.24
86	23677 7.66	34026 10.25	33366 9.89	33491 9.45	124560 9.35
87	1513 0.49	25138 7.57	35442 10.51	35006 9.88	97099 7.29
88	0 0.00	1680 0.51	26751 7.93	38880 10.97	67311 5.05
89	0 0.00	0 0.00	1456 0.43	25811 7.28	27267 2.05
90	0 0.00	0 0.00	0 0.00	1139 0.32	1139 0.09
TOTAL	309207 23.20	331882 24.90	337201 25.30	354468 26.60	1332758 100.00

VEHTYPE((44) VEHICLE TYPE - OFFICER)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	5349 .	5597 .	5837 .	7434 .	. .
2,4 DR SEDAN	226599 71.95	240369 70.99	241610 70.20	249435 69.07	958013 70.50
SW-PASSENGER	17818 5.66	19706 5.82	20964 6.09	23838 6.60	82326 6.06
SW-TRUCK	1074 0.34	1462 0.43	1444 0.42	1873 0.52	5853 0.43
COMMERCIAL BUS	253 0.08	283 0.08	272 0.08	329 0.09	1137 0.08
SCHOOL BUS	1127 0.36	1132 0.33	978 0.28	891 0.25	4128 0.30
ACTIVITY BUS	160 0.05	148 0.04	139 0.04	169 0.05	616 0.05
TRUCK-2 AXLES	51845 16.46	58392 17.25	61723 17.93	67331 18.65	239291 17.61
TRUCK-3 AXLES	1467 0.47	1677 0.50	1629 0.47	1640 0.45	6413 0.47
TRK-TRACTOR-TRLR	5968 1.89	6843 2.02	7256 2.11	7603 2.11	27670 2.04
TRK TRACTOR ONLY	246 0.08	253 0.07	320 0.09	368 0.10	1187 0.09
TAXICAB	523 0.17	680 0.20	699 0.20	770 0.21	2672 0.20
TOTAL	314949 23.18	338584 24.92	344191 25.33	361112 26.58	1358836 100.00

(CONTINUED)

VEHTYPE((44) VEHICLE TYPE - OFFICER)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
FARM EQUIPMENT	30 0.01	43 0.01	38 0.01	53 0.01	164 0.01
FARM TRACTOR	274 0.09	312 0.09	306 0.09	310 0.09	1202 0.09
MOTORCYCLE	2946 0.94	2654 0.78	2242 0.65	1996 0.55	9838 0.72
MOPED	352 0.11	326 0.10	288 0.08	266 0.07	1232 0.09
MOTOR SCOOTER	14 0.00	16 0.00	14 0.00	14 0.00	58 0.00
AMBULANCE	76 0.02	84 0.02	83 0.02	92 0.03	335 0.02
BICYCLE	1347 0.43	1317 0.39	1274 0.37	1139 0.32	5077 0.37
SELF-CONTAINED RV	221 0.07	236 0.07	247 0.07	231 0.06	935 0.07
CAMPER, 2-AX TRK	2 0.00	0 0.00	0 0.00	2 0.00	4 0.00
PEDESTRIAN	2512 0.80	2532 0.75	2521 0.73	2616 0.72	10181 0.75
OTHER MOTOR VEH	95 0.03	119 0.04	144 0.04	146 0.04	504 0.04
TOTAL	314949 23.18	338584 24.92	344191 25.33	361112 26.58	1358836 100.00

TRLTYPE((45) TRAILER TYPE - OFFICER)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NO TRAILER	312949 97.71	335975 97.62	341144 97.46	359445 97.53	1349513 97.57
BOAT TRAILER	211 0.07	213 0.06	257 0.07	237 0.06	918 0.07
CAMPER	88 0.03	98 0.03	108 0.03	109 0.03	403 0.03
UTILITY TRLR	608 0.19	545 0.16	677 0.19	724 0.20	2554 0.18
HORSE TRAILER	36 0.01	31 0.01	35 0.01	30 0.01	132 0.01
HOUSE TRAILER	84 0.03	86 0.02	62 0.02	81 0.02	313 0.02
TOWED VEHICLE	152 0.05	162 0.05	192 0.05	181 0.05	687 0.05
OTHER NON-SEMI	357 0.11	399 0.12	404 0.12	367 0.10	1527 0.11
TANKER	314 0.10	349 0.10	363 0.10	352 0.10	1378 0.10
ENCLOSED TRAILER	2513 0.78	2813 0.82	2794 0.80	3183 0.86	11303 0.82
FLAT-BED	1145 0.36	1248 0.36	1265 0.36	1243 0.34	4901 0.35
OTHER SEMI	1799 0.56	2176 0.63	2635 0.75	2496 0.68	9106 0.66
DOUBLE/TWIN	42 0.01	86 0.02	92 0.03	98 0.03	318 0.02
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

OWNERSUB(101) OWNER SUBSTITUTED FOR DRIVER)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
DR UNK-OWNER USE	15462 4.83	17447 5.07	18265 5.22	20399 5.53	71573 5.18
DRIVER IDENTFD	304836 95.17	326734 94.93	331763 94.78	348147 94.47	1311480 94.82
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

OWNERTYP(47) CODE FOR VEHICLE OWNER)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
PRIVATELY OWNED	315484 98.50	338913 98.47	344873 98.53	362990 98.49	1362260 98.50
MILITARY VEH	114 0.04	106 0.03	116 0.03	92 0.02	428 0.03
EMERGENCY VEH	46 0.01	61 0.02	44 0.01	66 0.02	217 0.02
STATE OWNED	759 0.24	931 0.27	973 0.28	1052 0.29	3715 0.27
PUBLIC OWNED	3893 1.22	4170 1.21	4022 1.15	4346 1.18	16431 1.19
PVT OWNED SCH BUS	2 0.00	0 0.00	0 0.00	0 0.00	2 0.00
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

PLATEST((49) STATE ISSUING TAGS)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
UNKNOWN	0 .	0 .	1 .	0 .	.
TAG ISSUED BY NC	300061 93.68	321389 93.38	326332 93.23	342095 92.82	1289877 93.26
TAG ISSUED-OTHER	20237 6.32	22792 6.62	23695 6.77	26451 7.18	93175 6.74
TOTAL	320298 23.16	344181 24.89	350027 25.31	368546 26.65	1383052 100.00

NUMBTAD (NUMBER OF TADS INDICATED)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	36907 11.52	36389 10.57	37788 10.80	43204 11.72	154288 11.16
1	259486 81.01	282529 82.09	285669 81.61	296134 80.35	1123818 81.26
2	22169 6.92	23470 6.82	24716 7.06	27141 7.36	97496 7.05
3	1736 0.54	1793 0.52	1855 0.53	2067 0.56	7451 0.54
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

TAD((52) TAD #1)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	52724 .	55018 .	54374 .	54555 .	. .
UNDECODEABLE	1 .	0 .	0 .	0 .	. .
FL	29233 10.93	30868 10.67	31263 10.57	32758 10.43	124122 10.64
FC	13716 5.13	14002 4.84	13885 4.70	14514 4.62	56117 4.81
FD	45498 17.00	50544 17.48	52646 17.81	57706 18.38	206394 17.70
FR	27619 10.32	29082 10.06	29257 9.90	30702 9.78	116660 10.00
RFQ	17904 6.69	19865 6.87	20011 6.77	20565 6.55	78345 6.72
RP	12069 4.51	12713 4.40	13267 4.49	14236 4.53	52285 4.48
RD, RSS	8179 3.06	8896 3.08	8843 2.99	9419 3.00	35337 3.03
RBQ	11032 4.12	11837 4.09	11727 3.97	12316 3.92	46912 4.02
R & T	4238 1.58	4264 1.47	4327 1.46	4382 1.40	17211 1.48
BR	7745 2.89	8107 2.80	8588 2.90	9532 3.04	33972 2.91
BC	6191 2.31	6403 2.21	6495 2.20	6988 2.23	26077 2.24
BD	19177 7.17	21693 7.50	23717 8.02	26318 8.38	90905 7.79
BL	8356 3.12	8890 3.07	9060 3.06	9662 3.08	35968 3.08
L & T	3928 1.47	4199 1.45	4307 1.46	4406 1.40	16840 1.44
LBQ	11819 4.42	12922 4.47	12647 4.28	12811 4.08	50199 4.30
LD, LSS	6673 2.49	7427 2.57	7591 2.57	7937 2.53	29628 2.54
LP	13094 4.89	14086 4.87	14480 4.90	15691 5.00	57351 4.92
LFQ	20955 7.83	23240 8.04	23363 7.90	23858 7.60	91416 7.84
TOP	147 0.05	125 0.04	180 0.06	190 0.06	642 0.06
TOTAL	267573 22.94	289163 24.79	295654 25.35	313991 26.92	1166381 100.00

TADSEV((53) TAD SEVERITY #1)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	52724 .	55018 .	54374 .	54555 .	.
UNDECODEABLE	2346 .	2525 .	2468 .	2769 .	.
LEAST SEVERE DAM	94498 35.63	105325 36.74	111103 37.90	120279 38.65	431205 37.29
2	71218 26.85	77140 26.91	78386 26.74	83644 26.88	310388 26.84
3	46371 17.48	49285 17.19	49519 16.89	51686 16.61	196861 17.03
4	27022 10.19	28349 9.89	28019 9.56	29005 9.32	112395 9.72
5	12806 4.83	13166 4.59	12989 4.43	13416 4.31	52377 4.53
6	8046 3.03	8058 2.81	7819 2.67	7851 2.52	31774 2.75
MOST SEVERE DAM	5267 1.99	5315 1.85	5351 1.83	5341 1.72	21274 1.84
TOTAL	265228 22.94	286638 24.79	293186 25.36	311222 26.92	1156274 100.00

DRIVB((58) DRIVABILITY)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	14317 .	15213 .	15999 .	16701 .	.
DRIVABLE	192410 62.88	209435 63.66	216536 64.83	228379 64.91	846760 64.11
NOT DRIVABLE	113571 37.12	119533 36.34	117493 35.17	123466 35.09	474063 35.89
TOTAL	305981 23.17	328968 24.91	334029 25.29	351845 26.64	1320823 100.00

AMTDAMG ((59) DOLLAR DAMAGE TO VEHICLE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NO DAMAGE	21703 6.78	23701 6.89	24636 7.04	26920 7.30	96960 7.01
LESS THAN \$50	3676 1.15	3560 1.03	3346 0.96	3095 0.84	13677 0.99
\$50-99	6803 2.12	7182 2.09	6883 1.97	6899 1.87	27767 2.01
\$100-149	9556 2.98	10388 3.02	10237 2.92	10690 2.90	40871 2.96
\$150-199	4838 1.51	4712 1.37	4507 1.29	4177 1.13	18234 1.32
\$200-249	12516 3.91	12937 3.76	12912 3.69	12679 3.44	51044 3.69
\$250-299	5083 1.59	5042 1.46	4815 1.38	4779 1.30	19719 1.43
\$300-349	13985 4.37	14250 4.14	13961 3.99	13815 3.75	56011 4.05
\$350-399	3514 1.10	3393 0.99	3071 0.88	2998 0.81	12976 0.94
\$400-449	12715 3.97	13062 3.80	12168 3.48	11941 3.24	49886 3.61
\$450-499	2534 0.79	2444 0.71	2233 0.64	2154 0.58	9365 0.68
\$500-599	29811 9.31	31964 9.29	32668 9.33	33419 9.07	127862 9.24
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

(CONTINUED)

AMTDAMG((59) DOLLAR DAMAGE TO VEHICLE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
\$600-699	15075 4.71	14766 4.29	14087 4.02	13889 3.77	57817 4.18
\$700-799	12353 3.86	13138 3.82	12692 3.63	12681 3.44	50864 3.68
\$800-899	20544 6.41	21053 6.12	21009 6.00	21328 5.79	83934 6.07
\$900-999	7899 2.47	8026 2.33	7883 2.25	7799 2.12	31607 2.29
\$1000-1499	41780 13.04	45594 13.25	46714 13.35	49643 13.47	183731 13.28
\$1500-1999	27680 8.64	30696 8.92	31257 8.93	33680 9.14	123313 8.92
\$2000-2499	20959 6.54	23256 6.76	24492 7.00	26800 7.27	95507 6.91
\$2500-2999	12483 3.90	14044 4.08	15059 4.30	16525 4.48	58111 4.20
\$3000-3999	16104 5.03	18710 5.44	20322 5.81	23392 6.35	78528 5.68
\$4000-4999	7472 2.33	8494 2.47	9601 2.74	11427 3.10	36994 2.67
\$5000-9999	8959 2.80	11044 3.21	12346 3.53	14627 3.97	46976 3.40
\$10,000 OR MORE	2256 0.70	2725 0.79	3129 0.89	3189 0.87	11299 0.82
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

VEHSEV((147) VEHICLE SEVERITY)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
UNK VEH SEVERITY	21298 .	24147 .	25747 .	28428 .	. .
FATAL	1533 0.51	1483 0.46	1466 0.45	1359 0.40	5841 0.46
A CLASS INJURY	15527 5.19	14356 4.49	13911 4.29	13664 4.02	57458 4.48
B CLASS INJURY	26765 8.95	25442 7.95	25266 7.79	25573 7.52	103046 8.03
C CLASS INJURY	46294 15.48	50418 15.75	52873 16.30	57061 16.78	206646 16.10
PROP DAMAGE ONLY	208881 69.86	228335 71.35	230765 71.16	242461 71.29	910442 70.94
TOTAL	299000 23.30	320034 24.94	324281 25.27	340118 26.50	1283433 100.00

TOTK(TOTAL KILLED IN VEHICLE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	318765 99.52	342698 99.57	348562 99.58	367187 99.63	1377212 99.58
1	1427 0.45	1381 0.40	1351 0.39	1254 0.34	5413 0.39
2	89 0.03	85 0.02	98 0.03	92 0.02	364 0.03
3	15 0.00	14 0.00	13 0.00	10 0.00	52 0.00
4	1 0.00	2 0.00	4 0.00	3 0.00	10 0.00
5	1 0.00	1 0.00	0 0.00	0 0.00	2 0.00
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

TOTA(TOTAL A INJ IN VEHICLE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	304437 95.05	329477 95.73	335775 95.93	354545 96.20	1324234 95.75
1	13369 4.17	12515 3.64	12026 3.44	11858 3.22	49768 3.60
2	2028 0.63	1769 0.51	1810 0.52	1716 0.47	7323 0.53
3	335 0.10	323 0.09	299 0.09	315 0.09	1272 0.09
4	98 0.03	77 0.02	84 0.02	82 0.02	341 0.02
5	23 0.01	12 0.00	26 0.01	20 0.01	81 0.01
6	6 0.00	6 0.00	2 0.00	8 0.00	22 0.00
7	1 0.00	2 0.00	3 0.00	1 0.00	7 0.00
10 OR MORE	1 0.00	0 0.00	3 0.00	1 0.00	5 0.00
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

TOTB(TOTAL B INJ IN VEHICLE)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	291541 91.02	316952 92.09	322940 92.26	341184 92.58	1272617 92.02
1	24242 7.57	23218 6.75	23128 6.61	23315 6.33	93903 6.79
2	3653 1.14	3210 0.93	3154 0.90	3266 0.89	13283 0.96
3	629 0.20	584 0.17	587 0.17	573 0.16	2373 0.17
4	153 0.05	157 0.05	150 0.04	152 0.04	612 0.04
5	57 0.02	33 0.01	53 0.02	39 0.01	182 0.01
6	12 0.00	10 0.00	8 0.00	10 0.00	40 0.00
7	4 0.00	7 0.00	3 0.00	0 0.00	14 0.00
8	4 0.00	1 0.00	1 0.00	2 0.00	8 0.00
9	0 0.00	2 0.00	0 0.00	0 0.00	2 0.00
10 OR MORE	3 0.00	7 0.00	4 0.00	5 0.00	19 0.00
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

TOTC(TOTAL C INJ IN VEHICLE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	269813 84.24	289611 84.14	293026 83.72	307151 83.34	1159601 83.84
1	42041 13.13	45086 13.10	46822 13.38	50246 13.63	184195 13.32
2	6528 2.04	7378 2.14	7912 2.26	8640 2.34	30458 2.20
3	1319 0.41	1487 0.43	1547 0.44	1762 0.48	6115 0.44
4	404 0.13	401 0.12	498 0.14	512 0.14	1815 0.13
5	103 0.03	132 0.04	117 0.03	148 0.04	500 0.04
6	36 0.01	31 0.01	48 0.01	45 0.01	160 0.01
7	10 0.00	11 0.00	17 0.00	13 0.00	51 0.00
8	8 0.00	15 0.00	10 0.00	11 0.00	44 0.00
9	9 0.00	7 0.00	5 0.00	3 0.00	24 0.00
10 OR MORE	27 0.01	22 0.01	26 0.01	15 0.00	90 0.01
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

TOTOCC(TOTAL OCCUPANTS IN VEHICLE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	22292 6.96	25147 7.31	26663 7.62	31373 8.51	105475 7.63
1	193260 60.34	208120 60.47	211822 60.52	221187 60.02	834389 60.33
2	69384 21.66	73566 21.37	74082 21.16	77111 20.92	294143 21.27
3	21113 6.59	22441 6.52	22611 6.46	23539 6.39	89704 6.49
4	9135 2.85	9571 2.78	9681 2.77	9926 2.69	38313 2.77
5	2981 0.93	3202 0.93	3159 0.90	3320 0.90	12662 0.92
6	988 0.31	1025 0.30	976 0.28	1053 0.29	4042 0.29
7	259 0.08	253 0.07	238 0.07	261 0.07	1011 0.07
8	117 0.04	118 0.03	118 0.03	109 0.03	462 0.03
9	67 0.02	64 0.02	67 0.02	68 0.02	266 0.02
10 OR MORE	702 0.22	674 0.20	611 0.17	599 0.16	2586 0.19
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

PTCONT((148) DISTRIBUTED POINT OF CONTACT)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	5710 .	5629 .	5508 .	5848 .	. .
UNKNOWN	6263 .	6796 .	7089 .	7793 .	. .
1	18382 5.96	19411 5.85	19581 5.80	20856 5.88	78230 5.87
2	16643 5.40	17639 5.32	17407 5.16	17853 5.03	69542 5.22
3	15238 4.94	16350 4.93	16788 4.98	17683 4.98	66059 4.96
4	28136 9.13	30183 9.10	30053 8.91	31060 8.75	119432 8.96
5	14145 4.59	15087 4.55	14685 4.35	15093 4.25	59010 4.43
6	11325 3.67	12475 3.76	12651 3.75	13477 3.80	49928 3.75
7	11080 3.59	12158 3.66	11987 3.55	12513 3.53	47738 3.58
8	6025 1.95	6481 1.95	6796 2.01	6976 1.97	26278 1.97
9	215 0.07	221 0.07	232 0.07	263 0.07	931 0.07
10	88 0.03	118 0.04	96 0.03	130 0.04	432 0.03
11	709 0.23	734 0.22	728 0.22	824 0.23	2995 0.22
12	519 0.17	545 0.16	531 0.16	585 0.16	2180 0.16
13	498 0.16	515 0.16	507 0.15	560 0.16	2080 0.16
14	5390 1.75	5661 1.71	5736 1.70	6021 1.70	22808 1.71
15	8935 2.90	9607 2.90	9643 2.86	10007 2.82	38192 2.87
16	5567 1.81	5827 1.76	6124 1.81	6752 1.90	24270 1.82
TOTAL	308325 23.14	331756 24.90	337431 25.32	354905 26.64	1332417 100.00

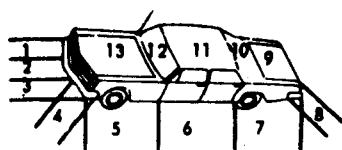
(CONTINUED)

PTCONT((148) DISTRIBUTED POINT OF CONTACT)

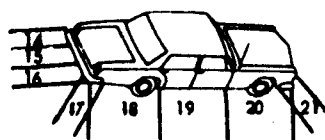
*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
17	6598 2.14	7190 2.17	7434 2.20	8196 2.31	29418 2.21
18	9488 3.08	10091 3.04	10174 3.02	10620 2.99	40373 3.03
19	10558 3.42	11037 3.33	11704 3.47	12075 3.40	45374 3.41
20	11378 3.69	12136 3.66	12085 3.58	12661 3.57	48260 3.62
21	21794 7.07	23235 7.00	23254 6.89	23469 6.61	91752 6.89
UNDERNEATH FRONT	921 0.30	840 0.25	868 0.26	874 0.25	3503 0.26
UNDRNEATH CENTER	136 0.04	148 0.04	149 0.04	143 0.04	576 0.04
UNDERNEATH REAR	171 0.06	178 0.05	176 0.05	165 0.05	690 0.05
ROLLOVER	6075 1.97	6208 1.87	6585 1.95	6315 1.78	25183 1.89
FRONT, 2-WHL VEH	2211 0.72	2089 0.63	1777 0.53	1642 0.46	7719 0.58
LEFT, 2-WHEEL VEH	1073 0.35	970 0.29	904 0.27	779 0.22	3726 0.28
REAR, 2-WHEEL VEH	321 0.10	311 0.09	293 0.09	252 0.07	1177 0.09
RIGHT, 2-WHL VEH	718 0.23	616 0.19	571 0.17	499 0.14	2404 0.18
FRT END-DSTRBTD	50509 16.38	55732 16.80	58151 17.23	63136 17.79	227528 17.08
LFT SIDE-DSTRBTD	10768 3.49	11681 3.52	11695 3.47	12405 3.50	46549 3.49
REAR END-DSTRBTD	23358 7.58	26317 7.93	27884 8.26	30136 8.49	107695 8.08
RT SIDE-DSTRBTD	9353 3.03	9965 3.00	10182 3.02	10885 3.07	40385 3.03
TOTAL	308325 23.14	331756 24.90	337431 25.32	354905 26.64	1332417 100.00

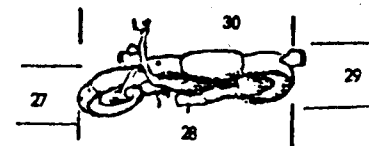


O. No Contact



Underneath:
22. Front
23. Center
24. Rear

26. Unknown



Motorcycle
Bicycle or
Moped

ROLLOVER(VEHICLE ROLLOVER)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
UNKNOWN	11852 .	12279 .	12481 .	368546 .	.
ROLLED OVER	14672 4.76	15049 4.53	14959 4.43	0 .	44680 4.57
NOT A ROLL-OVER	293774 95.24	316853 95.47	322588 95.57	0 .	933215 95.43
TOTAL	308446 31.54	331902 33.94	337547 34.52	0 0.00	977895 100.00

NOTE: Because of changes in reporting form, ROLLOVER is not available for 1989.

VEHDEF((69) VEHICLE DEFECTS)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	10049 .	11470 .	11614 .	12460 .	.
UNKNOWN	55922 .	61781 .	65494 .	72418 .	.
NO DEFECTS	245930 96.70	262380 96.84	265050 97.12	276078 97.32	1049438 97.00
DEFECTIVE BRAKES	3508 1.38	3544 1.31	3288 1.20	3162 1.11	13502 1.25
DEFECT HEADLGHTS	139 0.05	162 0.06	145 0.05	114 0.04	560 0.05
DEFECT REAR LGTS	581 0.23	639 0.24	518 0.19	468 0.16	2206 0.20
DEFECTV STEERING	415 0.16	436 0.16	356 0.13	348 0.12	1555 0.14
DEFECTIVE TIRES	2555 1.00	2456 0.91	2344 0.86	2324 0.82	9679 0.89
OTHER DEFECTS	1199 0.47	1313 0.48	1219 0.45	1174 0.41	4905 0.45
TOTAL	254327 23.51	270930 25.04	272920 25.23	283668 26.22	1081845 100.00

SPDLMT((70) SPEED LIMIT)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	22327 .	24221 .	24914 .	26837 .	. .
UNKNOWN	1530 .	1691 .	1892 .	1965 .	. .
10 MPH	3184 1.07	3558 1.12	3975 1.23	4294 1.26	15011 1.17
15 MPH	4169 1.41	4758 1.49	5422 1.68	6475 1.91	20824 1.63
20 MPH	7691 2.59	7598 2.39	7321 2.27	7159 2.11	29769 2.33
25 MPH	10912 3.68	12025 3.78	12403 3.84	13033 3.84	48373 3.79
30 MPH	1085 0.37	914 0.29	1045 0.32	974 0.29	4018 0.31
35 MPH	117649 39.69	123854 38.91	127451 39.43	130412 38.39	499366 39.08
40 MPH	2451 0.83	2472 0.78	2488 0.77	2696 0.79	10107 0.79
45 MPH	66683 22.49	73637 23.14	74873 23.16	79589 23.43	294782 23.07
50 MPH	3154 1.06	3376 1.06	3374 1.04	3555 1.05	13459 1.05
55 MPH	79463 26.81	85105 26.74	81971 25.36	87211 25.67	333750 26.12
65 MPH	0 0.00	972 0.31	2899 0.90	4346 1.28	8217 0.64
TOTAL	296441 23.20	318269 24.91	323222 25.30	339744 26.59	1277676 100.00

NOTE: Prior to August 15, 1987, the maximum speed limit was 55 mph. Only warranted rural interstate sections were changed to 65 mph limit.

This table shows the reported speed limit for the roadway that each vehicle in the crash was travelling.

The earlier "ACC FREQ" tables include a table called SPDLMT which gives an estimate of the speed limit for the crash site.

ESTSPD((71) ORIGINAL SPEED OF VEHICLE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	1 .	0 .	0 .	0 .	. .
NOT MOVING	55450 17.31	59748 17.36	61833 17.67	67029 18.19	244060 17.65
01-05 MPH	28955 9.04	31256 9.08	32012 9.15	33258 9.02	125481 9.07
06-10 MPH	22509 7.03	24609 7.15	25894 7.40	26966 7.32	99978 7.23
11-15 MPH	14539 4.54	16019 4.65	16443 4.70	17172 4.66	64173 4.64
16-20 MPH	18739 5.85	20265 5.89	20352 5.81	20895 5.67	80251 5.80
21-25 MPH	18298 5.71	19714 5.73	19716 5.63	20661 5.61	78389 5.67
26-30 MPH	23818 7.44	24954 7.25	24868 7.10	26500 7.19	100140 7.24
31-35 MPH	41782 13.04	45629 13.26	46529 13.29	48547 13.17	182487 13.19
36-40 MPH	19044 5.95	20257 5.89	19788 5.65	21339 5.79	80428 5.82
41-45 MPH	28518 8.90	30720 8.93	30801 8.80	32807 8.90	122846 8.88
46-50 MPH	16397 5.12	16807 4.88	15902 4.54	16682 4.53	65788 4.76
51-55 MPH	21127 6.60	22511 6.54	22905 6.54	23621 6.41	90164 6.52
56-60 MPH	4296 1.34	4461 1.30	4759 1.36	4919 1.33	18435 1.33
61-65 MPH	2713 0.85	2986 0.87	3891 1.11	4030 1.09	13620 0.98
66-70 MPH	1650 0.52	1569 0.46	1645 0.47	1596 0.43	6460 0.47
71-75 MPH	699 0.22	696 0.20	766 0.22	848 0.23	3009 0.22
76-80 MPH	484 0.15	474 0.14	520 0.15	503 0.14	1981 0.14
81-85 MPH	159 0.05	151 0.04	193 0.06	197 0.05	700 0.05
OVER 85 MPH	1120 0.35	1355 0.39	1211 0.35	976 0.26	4662 0.34
TOTAL	320297 23.16	344181 24.89	350028 25.31	368546 26.65	1383052 100.00

IMPACTSP((72) ESTIMATED SPEED OF IMPACT)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	10 .	7 .	5 .	7 .	. .
NOT MOVING	63549 19.84	68796 19.99	71309 20.37	76120 20.65	279774 20.23
01-05 MPH	42101 13.14	45952 13.35	47231 13.49	49223 13.36	184507 13.34
06-10 MPH	35290 11.02	38359 11.15	40026 11.44	42324 11.48	155999 11.28
11-15 MPH	24139 7.54	26183 7.61	26792 7.65	28273 7.67	105387 7.62
16-20 MPH	30822 9.62	32577 9.47	32530 9.29	33797 9.17	129726 9.38
21-25 MPH	23574 7.36	24984 7.26	25051 7.16	26631 7.23	100240 7.25
26-30 MPH	27742 8.66	29657 8.62	28962 8.27	30791 8.35	117152 8.47
31-35 MPH	23036 7.19	24990 7.26	25149 7.18	26194 7.11	99369 7.18
36-40 MPH	17351 5.42	18231 5.30	17919 5.12	19125 5.19	72626 5.25
41-45 MPH	12653 3.95	13503 3.92	13422 3.83	14127 3.83	53705 3.88
46-50 MPH	10177 3.18	10530 3.06	10291 2.94	10597 2.88	41595 3.01
51-55 MPH	5932 1.85	6271 1.82	6433 1.84	6374 1.73	25010 1.81
56-60 MPH	2040 0.64	2179 0.63	2495 0.71	2645 0.72	9359 0.68
61-65 MPH	791 0.25	966 0.28	1260 0.36	1236 0.34	4253 0.31
66-70 MPH	570 0.18	533 0.15	626 0.18	560 0.15	2289 0.17
71-75 MPH	207 0.06	181 0.05	215 0.06	250 0.07	853 0.06
76-80 MPH	199 0.06	184 0.05	184 0.05	174 0.05	741 0.05
81-85 MPH	56 0.02	44 0.01	62 0.02	38 0.01	200 0.01
OVER 85 MPH	59 0.02	54 0.02	66 0.02	60 0.02	239 0.02
TOTAL	320288 23.16	344174 24.89	350023 25.31	368539 26.65	1383024 100.00

TIRESKID((73) LENGTH IN FT BEFORE IMPACT)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
TIRE IMPRSN N.S.	244519	266237	272899	292767	.
	.	.	.	.	.
01-05 FT	3760 4.96	3941 5.06	3948 5.12	3756 4.96	15405 5.02
06-10 FT	6904 9.11	7191 9.23	7249 9.40	7012 9.25	28356 9.25
11-15 FT	5353 7.06	5734 7.36	5551 7.20	5551 7.33	22189 7.24
16-20 FT	5610 7.40	5917 7.59	5875 7.62	5695 7.52	23097 7.53
21-40 FT	16462 21.72	17531 22.49	16986 22.02	16753 22.11	67732 22.09
41-60 FT	10458 13.80	10622 13.63	10387 13.47	10088 13.31	41555 13.55
61-80 FT	7055 9.31	6995 8.97	7158 9.28	7112 9.39	28320 9.24
81-100 FT	4669 6.16	4632 5.94	4499 5.83	4656 6.14	18456 6.02
101-120 FT	3010 3.97	3062 3.93	3082 4.00	3059 4.04	12213 3.98
121-140 FT	2326 3.07	2292 2.94	2250 2.92	2318 3.06	9186 3.00
141-160 FT	1903 2.51	1868 2.40	1942 2.52	1863 2.46	7576 2.47
161-180 FT	1538 2.03	1594 2.05	1633 2.12	1546 2.04	6311 2.06
181-200 FT	1284 1.69	1313 1.68	1267 1.64	1268 1.67	5132 1.67
OVER 200 FT	5447 7.19	5252 6.74	5302 6.87	5102 6.73	21103 6.88
TOTAL	75779 24.71	77944 25.42	77129 25.15	75779 24.71	306631 100.00

IMPACTFT((74) FEET TRAVELED AFTER IMPACT)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
DISTANCE N.S.	160486	176555	183791	196496	.
	.	.	.	.	.
01-05 FT	30696 19.21	33074 19.73	33773 20.32	35313 20.52	132856 19.96
06-10 FT	26697 16.71	28276 16.87	28202 16.96	29393 17.08	112568 16.91
11-15 FT	14435 9.03	15477 9.23	15284 9.19	16121 9.37	61317 9.21
16-20 FT	13495 8.44	14083 8.40	14140 8.51	14520 8.44	56238 8.45
21-40 FT	29636 18.54	30627 18.27	29943 18.01	31087 18.07	121293 18.22
41-60 FT	14931 9.34	15507 9.25	14919 8.97	15267 8.87	60624 9.11
61-80 FT	8735 5.47	8857 5.28	8778 5.28	8805 5.12	35175 5.28
81-100 FT	6076 3.80	6313 3.77	6108 3.67	6349 3.69	24846 3.73
101-120 FT	3140 1.96	3069 1.83	3018 1.82	3106 1.81	12333 1.85
121-150 FT	3763 2.35	3911 2.33	3849 2.32	3869 2.25	15392 2.31
151-200 FT	3534 2.21	3567 2.13	3441 2.07	3487 2.03	14029 2.11
201-300 FT	2757 1.73	2837 1.69	2781 1.67	2833 1.65	11208 1.68
301-400 FT	928 0.58	942 0.56	909 0.55	918 0.53	3697 0.56
401-500 FT	566 0.35	542 0.32	598 0.36	511 0.30	2217 0.33
OVER 500 FT	423 0.26	544 0.32	494 0.30	471 0.27	1932 0.29
TOTAL	159812 24.01	167626 25.18	166237 24.97	172050 25.84	665725 100.00

MANEUVER((77) MANEUVER OR PEDESTRIAN ACTION)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	56 .	56 .	47 .	41 .	. .
STOPPING IN ROAD	30046 9.38	33338 9.69	34981 10.00	38220 10.37	136585 9.88
PRKD OUT OF ROAD	11470 3.58	12933 3.76	13315 3.80	14854 4.03	52572 3.80
PRKD IN ROAD	1815 0.57	2168 0.63	2135 0.61	2357 0.64	8475 0.61
GOING STRAIGHT	178064 55.60	190832 55.45	190295 54.37	201341 54.64	760532 55.00
CHANGING LANES	7060 2.20	7845 2.28	8145 2.33	8357 2.27	31407 2.27
PASSING	4818 1.50	5218 1.52	4978 1.42	4843 1.31	19857 1.44
RIGHT TURN	9480 2.96	10088 2.93	10378 2.97	10542 2.86	40488 2.93
LEFT TURN	31625 9.88	33199 9.65	33897 9.69	33639 9.13	132360 9.57
U TURN	975 0.30	1091 0.32	1093 0.31	1118 0.30	4277 0.31
BACKING	8810 2.75	9948 2.89	10775 3.08	11941 3.24	41474 3.00
SLOWING, STOPPING	20462 6.39	21487 6.24	22980 6.57	23838 6.47	88767 6.42
STARTING IN ROAD	7927 2.48	8203 2.38	8229 2.35	7707 2.09	32066 2.32
PARKING	600 0.19	720 0.21	811 0.23	937 0.25	3068 0.22
LEAVING PRKD POS	2266 0.71	2444 0.71	2705 0.77	2986 0.81	10401 0.75
AVOIDG OBJ IN RD	951 0.30	749 0.22	895 0.26	985 0.27	3580 0.26
OTHER VEH MANVR	1354 0.42	1318 0.38	1845 0.53	2215 0.60	6732 0.49
TOTAL	320242 23.16	344125 24.89	349981 25.31	368505 26.65	1382853 100.00

(CONTINUED)

MANEUVER((77) MANEUVER OR PEDESTRIAN ACTION)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
CROSSNG AT INTSN	264 0.08	262 0.08	277 0.08	305 0.08	1108 0.08
CROSSNG NOT INTS	812 0.25	867 0.25	831 0.24	806 0.22	3316 0.24
FR BEHND PKD VEH	145 0.05	142 0.04	157 0.04	160 0.04	604 0.04
WALKING WTH TRAF	209 0.07	222 0.06	186 0.05	220 0.06	837 0.06
WALKNG AGNST TRF	124 0.04	104 0.03	104 0.03	110 0.03	442 0.03
GTNG ON,OFF VEH	60 0.02	46 0.01	71 0.02	45 0.01	222 0.02
STANDING IN ROAD	233 0.07	236 0.07	204 0.06	246 0.07	919 0.07
WORKING IN ROAD	48 0.01	47 0.01	54 0.02	51 0.01	200 0.01
PLAYING IN ROAD	65 0.02	79 0.02	74 0.02	53 0.01	271 0.02
LYING IN ROAD	49 0.02	55 0.02	42 0.01	55 0.01	201 0.01
OTHER IN ROAD	208 0.06	190 0.06	197 0.06	254 0.07	849 0.06
NOT IN ROAD	299 0.09	293 0.09	324 0.09	319 0.09	1235 0.09
GTG ON,OFF SCH B	3 0.00	1 0.00	3 0.00	1 0.00	8 0.00
TOTAL	320242 23.16	344125 24.89	349981 25.31	368505 26.65	1382853 100.00

MOSTHARM((78) MOST HARMFUL EVENT)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
TYPE NOT STATED	129 .	97 .	122 .	110 .	. .
UNKNOWN	2 .	2 .	10 .	4 .	. .
RAN OFF RD RIGHT	782 0.24	241 0.07	223 0.06	219 0.06	1465 0.11
RAN OFF RD LEFT	468 0.15	170 0.05	142 0.04	132 0.04	912 0.07
RAN OFF RD STRT	103 0.03	37 0.01	69 0.02	30 0.01	239 0.02
OVERTURN	12054 3.76	12119 3.52	11717 3.35	11160 3.03	47050 3.40
OTHER IN ROAD	2521 0.79	2632 0.76	2604 0.74	2773 0.75	10530 0.76
HIT PEDESTRIAN	4748 1.48	4768 1.39	4722 1.35	4909 1.33	19147 1.38
HIT PARKED VEH	23837 7.45	27144 7.89	28136 8.04	31411 8.53	110528 7.99
HIT TRAIN	185 0.06	232 0.07	214 0.06	201 0.05	832 0.06
HIT BICYCLE	2550 0.80	2486 0.72	2427 0.69	2174 0.59	9637 0.70
HIT MOPED	714 0.22	639 0.19	586 0.17	551 0.15	2490 0.18
HIT ANIMAL	2903 0.91	3430 1.00	3715 1.06	4068 1.10	14116 1.02
TOTAL	320167 23.16	344082 24.89	349896 25.31	368432 26.65	1382577 100.00

(CONTINUED)

MOSTHARM((78) MOST HARMFUL EVENT)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
HIT FIXED OBJECT	27838 8.69	29774 8.65	29289 8.37	33342 9.05	120243 8.70
HIT OTHER OBJECT	1375 0.43	1285 0.37	1271 0.36	1565 0.42	5496 0.40
REAR END SLOW	70165 21.92	76828 22.33	81385 23.26	87503 23.75	315881 22.85
REAR END TURN	7926 2.48	7930 2.30	7583 2.17	7073 1.92	30512 2.21
LEFT TURN	33733 10.54	35220 10.24	35692 10.20	35292 9.58	139937 10.12
LT TURN CROSS TR	19797 6.18	21924 6.37	23392 6.69	23825 6.47	88938 6.43
RIGHT TURN	5044 1.58	5447 1.58	5678 1.62	5658 1.54	21827 1.58
RT TURN CROSS TR	6020 1.88	6616 1.92	6804 1.94	7039 1.91	26479 1.92
HEAD ON	4129 1.29	4289 1.25	4702 1.34	5391 1.46	18511 1.34
SIDESWIPE	13040 4.07	11478 3.34	17229 4.92	18452 5.01	60199 4.35
ANGLE	69996 21.86	77949 22.65	70185 20.06	72147 19.58	290277 21.00
BACKING	10239 3.20	11444 3.33	12131 3.47	13517 3.67	47331 3.42
TOTAL	320167 23.16	344082 24.89	349896 25.31	368432 26.65	1382577 100.00

MISCACT((79) MISCELLANEOUS ACTION)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	301170 .	319849 .	326589 .	338167 .	. .
AVOIDING PED	66 0.35	136 0.56	93 0.40	78 0.26	373 0.38
AVOIDING VEHICLE	1741 9.10	2115 8.69	1959 8.36	2183 7.19	7998 8.22
AVOIDING FXD OBJ	14 0.07	38 0.16	32 0.14	52 0.17	136 0.14
AVOIDING ANIMAL	153 0.80	192 0.79	135 0.58	220 0.72	700 0.72
FIRE,MECH FAILUR	35 0.18	85 0.35	52 0.22	56 0.18	228 0.23
FALLING FROM VEH	222 1.16	226 0.93	219 0.93	167 0.55	834 0.86
DRIVERLESS VEH	947 4.95	1041 4.28	1139 4.86	1206 3.97	4333 4.45
SKIDDING	1222 6.39	4268 17.54	3209 13.69	8033 26.44	16732 17.20
PUSHING,TOWING V	111 0.58	72 0.30	91 0.39	111 0.37	385 0.40
PARKED ON PVT PR	6427 33.60	7860 32.30	8359 35.66	9634 31.71	32280 33.18
LEGALLY PARKED	5075 26.53	5075 20.86	4942 21.08	5256 17.30	20348 20.92
VEH&DR INFO OMIT	2126 11.11	2140 8.80	2077 8.86	2188 7.20	8531 8.77
DRIVER STAT ONLY	631 3.30	748 3.07	841 3.59	920 3.03	3140 3.23
MOPED STAT ONLY	358 1.87	336 1.38	291 1.24	275 0.91	1260 1.30
TOTAL	19128 19.66	24332 25.01	23439 24.09	30379 31.23	97278 100.00

OBJSTRK((80) OBJECT STRUCK)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	6376 .	9731 .	9827 .	9666 .	. .
UNKNOWN	3 .	1 .	6 .	1 .	. .
NONE	250315 79.74	266262 79.61	272420 80.08	284446 79.26	1073443 79.67
PARKED VEH	11898 3.79	13940 4.17	14388 4.23	15894 4.43	56120 4.16
BICYCLE, MOPED	1679 0.53	1622 0.48	1554 0.46	1411 0.39	6266 0.47
PEDESTRIAN	2456 0.78	2461 0.74	2403 0.71	2533 0.71	9853 0.73
ANIMAL	2947 0.94	3473 1.04	3707 1.09	4093 1.14	14220 1.06
TREE	6837 2.18	6938 2.07	6800 2.00	7950 2.22	28525 2.12
UTILITY POLE	5219 1.66	5395 1.61	5029 1.48	5422 1.51	21065 1.56
LUM POLE-NON-BRK	269 0.09	611 0.18	551 0.16	655 0.18	2086 0.15
LUM POLE-BRKWY	77 0.02	74 0.02	82 0.02	67 0.02	300 0.02
HWY SIGN-NON-BRK	1243 0.40	1229 0.37	1290 0.38	1443 0.40	5205 0.39
HWY SIGN-BRKWY	519 0.17	507 0.15	559 0.16	565 0.16	2150 0.16
COMMERCIAL SIGN	302 0.10	288 0.09	322 0.09	324 0.09	1236 0.09
GRDRL END-SHLDR	212 0.07	267 0.08	264 0.08	363 0.10	1106 0.08
GRDRL FACE-SHLDR	1073 0.34	1301 0.39	1255 0.37	1760 0.49	5389 0.40
GRDRL END-MEDIAN	82 0.03	97 0.03	108 0.03	136 0.04	423 0.03
GRDRL FACE-MEDN	236 0.08	299 0.09	270 0.08	359 0.10	1164 0.09
SHLD BARRIER END	37 0.01	26 0.01	28 0.01	22 0.01	113 0.01
TOTAL	313919 23.30	334449 24.82	340195 25.25	358879 26.63	1347442 100.00

(CONTINUED)

OBJSTRK((80) OBJECT STRUCK)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
SHLD BARR FACE	97 0.03	185 0.06	305 0.09	277 0.08	864 0.06
MED BARRIER END	41 0.01	54 0.02	49 0.01	38 0.01	182 0.01
MED BARR FACE	186 0.06	218 0.07	231 0.07	282 0.08	917 0.07
BRIDGE RAIL END	445 0.14	455 0.14	437 0.13	448 0.12	1785 0.13
BRIDGE RAIL FACE	545 0.17	722 0.22	650 0.19	964 0.27	2881 0.21
OVRHD-UNDERPASS	115 0.04	132 0.04	127 0.04	126 0.04	500 0.04
PIER-SHL-UNDRPS	28 0.01	28 0.01	20 0.01	28 0.01	104 0.01
PIER-MEDN-UNDRPS	22 0.01	31 0.01	23 0.01	22 0.01	98 0.01
ABUTMT OF UNDRPS	70 0.02	65 0.02	70 0.02	66 0.02	271 0.02
TRAFFIC ISLAND	1590 0.51	1654 0.49	1622 0.48	1644 0.46	6510 0.48
CTCH BSN-SHLDR	1386 0.44	1326 0.40	1332 0.39	1366 0.38	5410 0.40
CTCH BSN-MEDIAN	212 0.07	169 0.05	160 0.05	184 0.05	725 0.05
DITCH BANK	14653 4.67	15146 4.53	14533 4.27	15482 4.31	59814 4.44
MAILBOX	1216 0.39	1162 0.35	1300 0.38	1311 0.37	4989 0.37
FENCE-FENCE POST	2059 0.66	2126 0.64	2071 0.61	2217 0.62	8473 0.63
CONSTN BARRIER	63 0.02	72 0.02	87 0.03	83 0.02	305 0.02
CRASH CUSHION	34 0.01	17 0.01	22 0.01	30 0.01	103 0.01
OTHER OBJECT	5756 1.83	6097 1.82	6126 1.80	6868 1.91	24847 1.84
TOTAL	313919 23.30	334449 24.82	340195 25.25	358879 26.63	1347442 100.00

RD2OBJST((81) DISTANCE/DIRECTN-ROAD TO HIT OBJ) *** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NONE OR N.S.	216307 .	241499 .	258090 .	277584 .	. .
IN ROAD	56672 54.50	53437 52.04	44044 47.91	38080 41.86	192233 49.34
RT OF RD, 0-10 F	17227 16.57	17333 16.88	16616 18.07	18371 20.20	69547 17.85
RT OF RD, 11-30	8415 8.09	8708 8.48	8437 9.18	9634 10.59	35194 9.03
RT OF RD, >30 FT	3371 3.24	3500 3.41	3243 3.53	3517 3.87	13631 3.50
LF OF RD, 0-10 F	9315 8.96	9329 9.09	9079 9.88	9792 10.76	37515 9.63
LF OF RD, 11-30	6310 6.07	6706 6.53	6569 7.15	7080 7.78	26665 6.84
LF OF RD, >30 FT	2551 2.45	2212 2.15	2025 2.20	2234 2.46	9022 2.32
AHD OF RD, 0-10	54 0.05	657 0.64	905 0.98	1065 1.17	2681 0.69
AHD OF RD, 11-30	40 0.04	443 0.43	569 0.62	653 0.72	1705 0.44
AHD OF RD, >30 F	36 0.03	357 0.35	451 0.49	536 0.59	1380 0.35
TOTAL	103991 26.69	102682 26.36	91938 23.60	90962 23.35	389573 100.00

REGION((82) REGION OF IMPACT)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
UNSPECIFIED	21344 .	21964 .	22498 .	23520 .	. .
FRONT IMPACT	152898 51.14	164623 51.09	166999 50.99	175693 50.92	660213 51.03
RT SIDE IMPACT	41487 13.88	43837 13.60	44714 13.65	46735 13.55	176773 13.66
LEFT SIDE IMPACT	48384 16.18	52368 16.25	51918 15.85	54261 15.73	206931 15.99
REAR END IMPACT	56185 18.79	61389 19.05	63899 19.51	68337 19.81	249810 19.31
TOTAL	298954 23.11	322217 24.91	327530 25.32	345026 26.67	1293727 100.00

SIZE((83) HSR VEHICLE SIZE)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
STANDARD	20814 9.58	21106 8.74	20731 8.14	21087 7.63	83738 8.46
LUXURY	7545 3.47	8326 3.45	8306 3.26	8770 3.17	32947 3.33
PERSONAL LUXURY	2558 1.18	2829 1.17	3306 1.30	3554 1.29	12247 1.24
INTERMEDIATE REG	15212 7.00	16383 6.79	16916 6.64	17716 6.41	66227 6.69
INTERMED SPECLTY	22784 10.48	24290 10.06	23929 9.40	24023 8.69	95026 9.60
COMPACT REGULAR	16300 7.50	17246 7.14	16737 6.57	16500 5.97	66783 6.75
COMPACT SPECLTY	17169 7.90	19163 7.94	20664 8.12	23280 8.43	80276 8.11
SUBCOMPACT REG	14944 6.88	15240 6.31	16116 6.33	16716 6.05	63016 6.37
SUBCOMPCT SPEC	8637 3.97	9823 4.07	10709 4.21	11244 4.07	40413 4.08
PASSENGER UTILTY	2061 0.95	2930 1.21	3878 1.52	5145 1.86	14014 1.42
ECONOMY IMPORT	19027 8.75	21816 9.04	24999 9.82	28988 10.49	94830 9.58
SPTS-LUX IMPORT	11054 5.09	12482 5.17	13481 5.29	14836 5.37	51853 5.24
SPORT IMPORT	8784 4.04	9846 4.08	9879 3.88	10291 3.72	38800 3.92
LUXURY IMPORT	2735 1.26	3404 1.41	4211 1.65	5052 1.83	15402 1.56
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

SIZE((83) HSR VEHICLE SIZE)

*** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
PICKUP	27756 12.77	33413 13.84	37172 14.60	42120 15.24	140461 14.19
VAN	3909 1.80	4638 1.92	4729 1.86	5375 1.95	18651 1.88
UTILITY JEEP	1975 0.91	3055 1.26	3930 1.54	5328 1.93	14288 1.44
PARCEL DELIVERY	263 0.12	300 0.12	271 0.11	344 0.12	1178 0.12
BUS	685 0.32	734 0.30	644 0.25	645 0.23	2708 0.27
MOTOR HOME	137 0.06	188 0.08	249 0.10	257 0.09	831 0.08
TRACTOR TRUCK	1997 0.92	2705 1.12	3010 1.18	3653 1.32	11365 1.15
TILT CAB TRUCK	1368 0.63	1521 0.63	1581 0.62	1678 0.61	6148 0.62
CONVENTIONAL CAB	3942 1.81	4411 1.83	4507 1.77	4840 1.75	17700 1.79
SPECIAL PUR TRK	470 0.22	506 0.21	574 0.23	601 0.22	2151 0.22
UNKNOWN TRUCK	2877 1.32	2936 1.22	2805 1.10	3040 1.10	11658 1.18
2-WHEEL VEH	2336 1.07	2164 0.90	1295 0.51	1213 0.44	7008 0.71
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

TYPE((84) HSR TYPE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	.
DOMESTIC CAR	127972 58.88	137243 56.84	141136 55.43	147797 53.49	554148 55.99
IMPORTD PASS CAR	41657 19.17	47641 19.73	52726 20.71	59405 21.50	201429 20.35
LT TRK-GVW=1,2	36313 16.71	44051 18.24	49000 19.24	56540 20.46	185904 18.78
MED TK, GVW=3-6	2866 1.32	3203 1.33	3117 1.22	3217 1.16	12403 1.25
HVY TK, GVW=7,8	4192 1.93	5217 2.16	5789 2.27	6763 2.45	21961 2.22
UNK TK, GVW=9	2003 0.92	1936 0.80	1566 0.62	1361 0.49	6866 0.69
2-WHEEL VEHICLE	2336 1.07	2164 0.90	1295 0.51	1213 0.44	7008 0.71
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

Truck Gross Vehicle Weight (GVW)

- 0 Unknown
- 1 6,000 lbs and less
- 2 6,001 - 10,000 lbs.
- 3 10,001 - 14,000 lbs.
- 4 14,001 - 16,000 lbs.
- 5 16,001 - 19,500 lbs.
- 6 19,501 - 26,000 lbs.
- 7 26,001 - 33,000 lbs.
- 8 33,001 lbs. and greater

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED		102959	102726	95399	92250	.
AMER GREMLIN, SPIRIT		487 0.22	413 0.17	293 0.12	266 0.10	1459 0.15
CONCORD, HORNET		729 0.34	644 0.27	515 0.20	454 0.16	2342 0.24
MATADOR, REBEL		115 0.05	91 0.04	88 0.03	82 0.03	376 0.04
AMBASSADOR		50 0.02	37 0.02	29 0.01	19 0.01	135 0.01
JAVELIN, PACER		226 0.10	155 0.06	112 0.04	83 0.03	576 0.06
EAGLE		58 0.03	75 0.03	47 0.02	57 0.02	237 0.02
CHRY CHRYSLER LASER		177 0.08	166 0.07	201 0.08	203 0.07	747 0.08
CHRYSLER E CLASS		53 0.02	57 0.02	52 0.02	67 0.02	229 0.02
LEBARON		607 0.28	734 0.30	1177 0.46	1323 0.48	3841 0.39
N/YORKER, NEWPORT		1753 0.81	1784 0.74	1762 0.69	1778 0.64	7077 0.72
IMPERIAL		137 0.06	250 0.10	26 0.01	6 0.00	419 0.04
DODG OMNI		932 0.43	1180 0.49	1330 0.52	1517 0.55	4959 0.50
ASPEN, ARIES		1105 0.51	1324 0.55	1389 0.55	1466 0.53	5284 0.53
DART, LANCER		712 0.33	681 0.28	511 0.20	439 0.16	2343 0.24
SPORTSMN, CARAVAN		454 0.21	662 0.27	903 0.35	1194 0.43	3213 0.32
CORONET, LANCER		482 0.22	446 0.18	472 0.19	372 0.13	1772 0.18
POLARA, MONACO		284 0.13	266 0.11	235 0.09	301 0.11	1086 0.11
CHARGER, MIRADA		429 0.20	344 0.14	294 0.12	239 0.09	1306 0.13
CHALLENGER, DAYTO		243 0.11	303 0.13	407 0.16	553 0.20	1506 0.15
DIPLOMAT		298 0.14	377 0.16	340 0.13	364 0.13	1379 0.14
TOTAL		217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
DODG	DODGE 600	140 0.06	246 0.10	254 0.10	312 0.11	952 0.10
PLYM	VOLARE, RELIANT	1802 0.83	1980 0.82	2087 0.82	2180 0.79	8049 0.81
	VOYAGER SW BUS	204 0.09	364 0.15	529 0.21	836 0.30	1933 0.20
	VALIANT	915 0.42	835 0.35	670 0.26	548 0.20	2968 0.30
	BARRACUDA	51 0.02	44 0.02	44 0.02	28 0.01	167 0.02
	FURY, SATELLITE	778 0.36	690 0.29	593 0.23	532 0.19	2593 0.26
	GRAN FURY, CARAVL	700 0.32	648 0.27	541 0.21	401 0.15	2290 0.23
	HORIZON, SUNDANCE	1030 0.47	1274 0.53	1410 0.55	1594 0.58	5308 0.54
FORD	GRANADA	2111 0.97	1929 0.80	1718 0.67	1466 0.53	7224 0.73
	PINTO, ESCORT	7159 3.29	6942 2.88	8309 3.26	8832 3.20	31242 3.16
	MAVERICK, TEMPO	4021 1.85	4402 1.82	4466 1.75	4704 1.70	17593 1.78
	FALCON	136 0.06	116 0.05	89 0.03	65 0.02	406 0.04
	ECONOLINE AEROST	412 0.19	610 0.25	892 0.35	1156 0.42	3070 0.31
	TORINO, TAURUS	3509 1.61	3564 1.48	3645 1.43	3869 1.40	14587 1.47
	LTD, GALAXIE	5102 2.35	4754 1.97	4434 1.74	4332 1.57	18622 1.88
	MUSTANG	5437 2.50	5956 2.47	5972 2.35	6431 2.33	23796 2.40
	THUNDERBIRD	2558 1.18	2801 1.16	3031 1.19	3276 1.19	11666 1.18
	PROBE	0 0.00	0 0.00	61 0.02	277 0.10	338 0.03
LINC	LINCN, CONTNTL	1322 0.61	1442 0.60	1592 0.63	1755 0.64	6111 0.62
MERC	MONARCH	1000 0.46	932 0.39	727 0.29	717 0.26	3376 0.34
	ZEPHYR, TOPAZ	967 0.44	1128 0.47	1102 0.43	1165 0.42	4362 0.44
	TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MERC	COUGAR, MONTEGO	497 0.23	492 0.20	493 0.19	581 0.21	2063 0.21
	MONTEREY, MARQUIS	1636 0.75	1789 0.74	1848 0.73	2055 0.74	7328 0.74
	COUGAR XR7	1626 0.75	1610 0.67	1632 0.64	1727 0.63	6595 0.67
	BOBCAT, LYNX	1109 0.51	1245 0.52	1033 0.41	1082 0.39	4469 0.45
	CAPRI	656 0.30	686 0.28	601 0.24	488 0.18	2431 0.25
BUIC	APOLLO, SKYLARK	1468 0.68	1654 0.69	1761 0.69	1792 0.65	6675 0.67
	CENTURY, SOMERSET	5714 2.63	6543 2.71	6688 2.63	7153 2.59	26098 2.64
	LESABRE, ELECTRA	4157 1.91	4373 1.81	4465 1.75	4780 1.73	17775 1.80
	RIVIERA	409 0.19	437 0.18	470 0.18	471 0.17	1787 0.18
	SKYHAWK	508 0.23	627 0.26	727 0.29	717 0.26	2579 0.26
	REATA	0 0.00	0 0.00	3 0.00	15 0.01	18 0.00
CADI	CADILLAC	2699 1.24	3008 1.25	3297 1.29	3586 1.30	12590 1.27
CHEV	CHEVETTE	3978 1.83	4081 1.69	3745 1.47	3449 1.25	15253 1.54
	VEGA	564 0.26	599 0.25	644 0.25	687 0.25	2494 0.25
	CORVAIR	14 0.01	11 0.00	6 0.00	2 0.00	33 0.00
	CORSICA, CITATION	3949 1.82	4196 1.74	4792 1.88	5490 1.99	18427 1.86
	MALIBU, CHEVELLE	4714 2.17	5235 2.17	5436 2.13	5468 1.98	20853 2.11
	IMPALA, CAPRICE	7000 3.22	7125 2.95	6835 2.68	6988 2.53	27948 2.82
	CAMARO	4330 1.99	4629 1.92	4621 1.81	4834 1.75	18414 1.86
	CORVETTE	501 0.23	510 0.21	494 0.19	482 0.17	1987 0.20
	MONTE CARLO	4162 1.91	4197 1.74	3881 1.52	3375 1.22	15615 1.58
	TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
CHEV	MONZA, CAVALIER	3361 1.55	3909 1.62	4845 1.90	5585 2.02	17700 1.79
OLDS	OMEGA	561 0.26	659 0.27	617 0.24	568 0.21	2405 0.24
	CUTLASS	8522 3.92	9807 4.06	10157 3.99	10522 3.81	39008 3.94
	DELTA 88, OLDS 98	3603 1.66	4205 1.74	4341 1.70	4520 1.64	16669 1.68
	TORONADO	200 0.09	191 0.08	231 0.09	253 0.09	875 0.09
	STARFIRE, FIRENZA	363 0.17	460 0.19	496 0.19	457 0.17	1776 0.18
PONT	VENTURA, PHOENIX	712 0.33	765 0.32	659 0.26	560 0.20	2696 0.27
	LEMANS, TEMPEST	2173 1.00	2781 1.15	3362 1.32	4175 1.51	12491 1.26
	GRND PRX, BONNEV	5237 2.41	5395 2.23	5171 2.03	5193 1.88	20996 2.12
	FIREBIRD	2270 1.04	2406 1.00	2434 0.96	2392 0.87	9502 0.96
	ASTRE	72 0.03	55 0.02	44 0.02	31 0.01	202 0.02
	SUNBIRD	1663 0.77	1846 0.76	1804 0.71	1866 0.68	7179 0.73
	PONTIAC T-1000	520 0.24	546 0.23	512 0.20	469 0.17	2047 0.21
	PONTIAC FIERO	482 0.22	652 0.27	702 0.28	753 0.27	2589 0.26
ALFA	ALFA ROMEO	14 0.01	25 0.01	24 0.01	37 0.01	100 0.01
AUST	AUSTIN	2 0.00	0 0.00	0 0.00	0 0.00	2 0.00
BMW	BMW	567 0.26	659 0.27	876 0.34	1022 0.37	3124 0.32
DATS	DATSUN/NISSAN	8308 3.82	9814 4.06	11243 4.42	13528 4.90	42893 4.33
FIAT	FIAT	348 0.16	300 0.12	240 0.09	173 0.06	1061 0.11
JAGU	JAGUAR	42 0.02	71 0.03	91 0.04	99 0.04	303 0.03
LNCI	LANCIA	5 0.00	0 0.00	1 0.00	2 0.00	8 0.00
	TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MERZ	MERCEDES BENZ	369 0.17	494 0.20	660 0.26	744 0.27	2267 0.23
MG	MG	159 0.07	129 0.05	103 0.04	92 0.03	483 0.05
OPEL	OPEL	148 0.07	117 0.05	78 0.03	44 0.02	387 0.04
PEUG	PEUGEOT	130 0.06	164 0.07	178 0.07	205 0.07	677 0.07
PORS	PORSCHE	190 0.09	180 0.07	178 0.07	178 0.06	726 0.07
RENA	RENAULT	151 0.07	114 0.05	116 0.05	114 0.04	495 0.05
SAA	SAAB	114 0.05	196 0.08	245 0.10	311 0.11	866 0.09
TOYT	TOYOTA	10738 4.94	11990 4.97	12319 4.84	13154 4.76	48201 4.87
TRIU	TRIUMPH	109 0.05	86 0.04	59 0.02	40 0.01	294 0.03
VOLK	VOLKSWAGEN	5561 2.56	5456 2.26	5107 2.01	4908 1.78	21032 2.13
VOLV	VOLVO	884 0.41	1026 0.42	1072 0.42	1348 0.49	4330 0.44
DODG	DODGE COLT	791 0.36	873 0.36	968 0.38	949 0.34	3581 0.36
PLYM	ARROW, CRICKET	695 0.32	747 0.31	833 0.33	791 0.29	3066 0.31
AUDI	AUDI	589 0.27	575 0.24	584 0.23	557 0.20	2305 0.23
SUBA	SUBARU	1228 0.57	1390 0.58	1747 0.69	1951 0.71	6316 0.64
MAZD	MAZDA	2665 1.23	3253 1.35	3762 1.48	4261 1.54	13941 1.41
HOND	HONDA	5994 2.76	7285 3.02	8383 3.29	9855 3.57	31517 3.18
JENS	JENSEN	0 0.00	0 0.00	1 0.00	1 0.00	2 0.00
FORD	FIESTA	417 0.19	416 0.17	327 0.13	253 0.09	1413 0.14
ISU	ISUZU	234 0.11	403 0.17	585 0.23	681 0.25	1903 0.19
MIT	MITSUBISHI	18 0.01	45 0.02	110 0.04	240 0.09	413 0.04
TOTAL		217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
AMER	ALLIANCE, ENCORE	524 0.24	601 0.25	584 0.23	587 0.21	2296 0.23
CHEV	SPECTRUM, SPRINT	454 0.21	790 0.33	1168 0.46	1416 0.51	3828 0.39
MERK	MERKUR	3 0.00	6 0.00	7 0.00	17 0.01	33 0.00
ACUR	ACURA	23 0.01	111 0.05	224 0.09	389 0.14	747 0.08
YUGO	YUGO	38 0.02	106 0.04	144 0.06	149 0.05	437 0.04
CHRY	CONQUEST	2 0.00	26 0.01	51 0.02	67 0.02	146 0.01
FORD	FESTIVA	0 0.00	33 0.01	283 0.11	612 0.22	928 0.09
PONT	LEMANS (IMPORT)	0 0.00	0 0.00	169 0.07	324 0.12	493 0.05
MERC	TRACER	0 0.00	33 0.01	146 0.06	277 0.10	456 0.05
LEXS	LEXUS	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
CHEV	EL CAMINO	519 0.24	598 0.25	567 0.22	535 0.19	2219 0.22
	CHEVY LUV	566 0.26	542 0.22	443 0.17	426 0.15	1977 0.20
DODG	DODGE D50 TRUCK	138 0.06	146 0.06	124 0.05	129 0.05	537 0.05
	RAM CHARGER	40 0.02	74 0.03	89 0.03	127 0.05	330 0.03
	RAMPAGE	29 0.01	21 0.01	21 0.01	28 0.01	99 0.01
FORD	RANCHERO	180 0.08	155 0.06	134 0.05	117 0.04	586 0.06
VOLK	VOLKSWAGEN THING	12 0.01	10 0.00	13 0.01	7 0.00	42 0.00
PLYM	TRAIL DUSTER	15 0.01	16 0.01	8 0.00	9 0.00	48 0.00
FORD	BRONCO II	268 0.12	430 0.18	687 0.27	988 0.36	2373 0.24
PLYM	SCAMP	4 0.00	2 0.00	5 0.00	2 0.00	13 0.00
CHEV	S10 BLAZER	461 0.21	681 0.28	1033 0.41	1481 0.54	3656 0.37
TOTAL		217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
AMER LT. AMC JEEP		1220 0.56	1640 0.68	1794 0.70	2330 0.84	6984 0.71
CHEV LT. CHEVY TRUCK		10385 4.78	12196 5.05	12849 5.05	14216 5.15	49646 5.02
GMC LT. GMC TRUCK		2263 1.04	2735 1.13	2965 1.16	3349 1.21	11312 1.14
INTL LT. INTRL HRVSTR		196 0.09	220 0.09	174 0.07	159 0.06	749 0.08
DODG LT. DODGE TRUCK		2142 0.99	2779 1.15	3207 1.26	3583 1.30	11711 1.18
FORD LT. FORD TRUCK		12165 5.60	14048 5.82	15364 6.03	17149 6.21	58726 5.93
VOLK LT. VW TRUCK		46 0.02	50 0.02	42 0.02	28 0.01	166 0.02
TOYT LT. TOYOTA TRUCK		2467 1.14	3344 1.38	3692 1.45	4295 1.55	13798 1.39
PLYM LT. PLYMOUTH TRK		8 0.00	11 0.00	13 0.01	9 0.00	41 0.00
DATS LT. DATSUN TRUCK		2017 0.93	2534 1.05	3210 1.26	4038 1.46	11799 1.19
MAZD LT. MAZDA TRUCK		778 0.36	1087 0.45	1283 0.50	1755 0.64	4903 0.50
IVEC LT. IVECO TRUCK		4 0.00	1 0.00	2 0.00	3 0.00	10 0.00
ISU LT. ISUZU TRUCK		370 0.17	569 0.24	756 0.30	992 0.36	2687 0.27
MITS LT. MITSUBISHI T		7 0.00	88 0.04	312 0.12	473 0.17	880 0.09
SUZI LT. SUZUKI TRUCK		4 0.00	67 0.03	206 0.08	308 0.11	585 0.06
WINN LT. WINNEBAGO		5 0.00	2 0.00	4 0.00	2 0.00	13 0.00
SUBA LT. SUBARU TRUCK		4 0.00	5 0.00	3 0.00	2 0.00	14 0.00
CHEV MED CHEVY TRUCK		758 0.35	800 0.33	728 0.29	685 0.25	2971 0.30
DIAT MED DIAMOND REO		0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
GMC MED GMC TRUCK		273 0.13	309 0.13	327 0.13	382 0.14	1291 0.13
INTL MED INTRL HRVSTR		536 0.25	556 0.23	479 0.19	469 0.17	2040 0.21
TOTAL		217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
DODG MED DODGE TRUCK	71 0.03	82 0.03	69 0.03	66 0.02	288 0.03	
WHIT MED WHITE TRUCK	0 0.00	1 0.00	1 0.00	1 0.00	3 0.00	
FORD MED FORD TRUCK	1175 0.54	1380 0.57	1395 0.55	1481 0.54	5431 0.55	
MACK MED MACK TRUCK	13 0.01	11 0.00	21 0.01	16 0.01	61 0.01	
DATS MED DATSUN TRUCK	0 0.00	2 0.00	4 0.00	6 0.00	12 0.00	
MERZ MED MERCEDES TRK	20 0.01	25 0.01	23 0.01	15 0.01	83 0.01	
IVEC MED IVECO TRUCK	6 0.00	9 0.00	12 0.00	18 0.01	45 0.00	
ISU MED ISUZU TRUCK	13 0.01	27 0.01	48 0.02	65 0.02	153 0.02	
MITS MED MITSUBISHI T	0 0.00	0 0.00	5 0.00	10 0.00	15 0.00	
HINO MED HINO TRUCK	1 0.00	1 0.00	5 0.00	2 0.00	9 0.00	
CHEV HVY CHEVY TRUCK	150 0.07	172 0.07	210 0.08	291 0.11	823 0.08	
DIAT HVY DIAMOND REO	9 0.00	7 0.00	13 0.01	3 0.00	32 0.00	
GMC HVY GMC TRUCK	531 0.24	644 0.27	600 0.24	632 0.23	2407 0.24	
INTL HVY INTRL HRVSTR	1407 0.65	1665 0.69	1868 0.73	2067 0.75	7007 0.71	
DODG HVY DODGE TRUCK	6 0.00	5 0.00	4 0.00	7 0.00	22 0.00	
WHIT HVY WHITE TRUCK	154 0.07	213 0.09	227 0.09	277 0.10	871 0.09	
FORD HVY FORD TRUCK	933 0.43	1036 0.43	1203 0.47	1297 0.47	4469 0.45	
KW HVY KENWORTH TRK	176 0.08	298 0.12	165 0.06	190 0.07	829 0.08	
MACK HVY MACK TRUCK	311 0.14	459 0.19	484 0.19	606 0.22	1860 0.19	
PTRB HVY PETERBILT TK	150 0.07	187 0.08	237 0.09	362 0.13	936 0.09	
DATS HVY DATSUN TRUCK	0 0.00	6 0.00	7 0.00	11 0.00	24 0.00	
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00	

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
MERZ	HVY MERCEDES TRK	10 0.00	7 0.00	15 0.01	12 0.00	44 0.00
FRHT	HVY FREIGHTLINER	313 0.14	469 0.19	653 0.26	813 0.29	2248 0.23
IVEC	HVY IVECO TRUCK	1 0.00	0 0.00	0 0.00	0 0.00	1 0.00
OSHK	HVY OSHKOSH TRK	2 0.00	2 0.00	2 0.00	12 0.00	18 0.00
VOLV	HVY VOLVO TRUCK	39 0.02	42 0.02	65 0.03	86 0.03	232 0.02
ISU	HVY ISUZU TRUCK	0 0.00	0 0.00	1 0.00	3 0.00	4 0.00
MITA	HVY MITSUBISHI T	0 0.00	0 0.00	2 0.00	3 0.00	5 0.00
HINO	HVY HINO TRUCK	0 0.00	5 0.00	10 0.00	8 0.00	23 0.00
WHGM	HVY WHITE/GMC	0 0.00	0 0.00	23 0.01	83 0.03	106 0.01
AMER	UNK AMC JEEP	27 0.01	38 0.02	50 0.02	54 0.02	169 0.02
CHEV	UNK CHEVY TRUCK	9 0.00	7 0.00	2 0.00	7 0.00	25 0.00
DIAT	UNK DIAMOND REO	21 0.01	18 0.01	11 0.00	15 0.01	65 0.01
GMC	UNK GMC TRUCK	21 0.01	24 0.01	24 0.01	23 0.01	92 0.01
INTL	UNK INTRL HRVSTR	15 0.01	26 0.01	12 0.00	26 0.01	79 0.01
DODG	UNK DODGE TRUCK	5 0.00	4 0.00	7 0.00	9 0.00	25 0.00
WHIT	UNK WHITE TRUCK	504 0.23	502 0.21	403 0.16	298 0.11	1707 0.17
FORD	UNK FORD TRUCK	6 0.00	7 0.00	4 0.00	3 0.00	20 0.00
KW	UNK KENWORTH TRK	305 0.14	272 0.11	117 0.05	85 0.03	779 0.08
MACK	UNK MACK TRUCK	650 0.30	585 0.24	537 0.21	476 0.17	2248 0.23
PTRB	UNK PETERBILT TK	207 0.10	212 0.09	179 0.07	149 0.05	747 0.08
DATS	UNK DATSUN TRUCK	13 0.01	8 0.00	5 0.00	5 0.00	31 0.00
TOTAL		217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

GROUP2 (CARLINE + TRUCK GROUP)

*** VEH FREQ ***

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NCIC MAKE	FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
FWD	UNK FWD TRUCK	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
FRHT	UNK FREIGHTLINER	182 0.08	191 0.08	169 0.07	165 0.06	707 0.07
IVEC	UNK IVECO TRUCK	8 0.00	10 0.00	7 0.00	5 0.00	30 0.00
OSHK	UNK OSHKOSH TRK	8 0.00	9 0.00	13 0.01	2 0.00	32 0.00
VOLV	UNK VOLVO TRUCK	1 0.00	3 0.00	2 0.00	2 0.00	8 0.00
SUZI	UNK SUZUKI TRUCK	1 0.00	4 0.00	6 0.00	9 0.00	20 0.00
HINO	UNK HINO TRUCK	2 0.00	2 0.00	1 0.00	1 0.00	6 0.00
WINN	UNK WINNEBAGO	18 0.01	14 0.01	11 0.00	14 0.01	57 0.01
WHIT	UNK WHITE IMPORT	0 0.00	0 0.00	6 0.00	12 0.00	18 0.00
BMW	BMW MOTORCYCLE	40 0.02	37 0.02	0 0.00	0 0.00	77 0.01
HD	HARLEY DAVIDSON	324 0.15	297 0.12	269 0.11	262 0.09	1152 0.12
HOND	HONDA MOTORCYCLE	858 0.39	838 0.35	0 0.00	0 0.00	1696 0.17
KAWK	KAWASAKI MTRCYC	343 0.16	317 0.13	345 0.14	299 0.11	1304 0.13
SUZI	SUZUKI MTRCYCLE	264 0.12	245 0.10	314 0.12	337 0.12	1160 0.12
TRIU	TRIUMPH MTRCYCLE	2 0.00	2 0.00	0 0.00	0 0.00	4 0.00
YAMA	YAMAHA MTRCYCLE	505 0.23	428 0.18	367 0.14	315 0.11	1615 0.16
TOTAL		217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

MAKE((86) HSR VEHICLE MAKE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	84539 .	83212 .	75973 .	72069 .	. .
MODYR NOT IN SYS	75 .	84 .	16 .	20 .	. .
PRE-66 MODEL YR	4702 .	4116 .	3471 .	3173 .	. .
UNKN MAKE NAME	13643 .	15314 .	15939 .	16988 .	. .
PONTIAC	13129 6.04	14446 5.98	14857 5.83	15763 5.71	58195 5.88
CHEVROLET	34573 15.91	37103 15.37	38509 15.12	40214 14.55	150399 15.20
BUICK	12256 5.64	13634 5.65	14114 5.54	14928 5.40	54932 5.55
OLDSMOBILE	13249 6.10	15322 6.35	15842 6.22	16320 5.91	60733 6.14
PLYMOUTH	6214 2.86	6612 2.74	6740 2.65	6943 2.51	26509 2.68
DODGE	6057 2.79	6931 2.87	7317 2.87	7968 2.88	28273 2.86
CHRYSLER	2728 1.26	3017 1.25	3268 1.28	3443 1.25	12456 1.26
FORD	32001 14.72	32802 13.59	34667 13.61	37104 13.43	136574 13.80
MERCURY	6747 3.10	7181 2.97	6940 2.73	7352 2.66	28220 2.85
LINCOLN	1322 0.61	1442 0.60	1592 0.63	1755 0.64	6111 0.62
CADILLAC	2699 1.24	3008 1.25	3297 1.29	3587 1.30	12591 1.27
IMPERIAL	1 0.00	0 0.00	1 0.00	1 0.00	3 0.00
AMERICAN MOTORS	1699 0.78	1438 0.60	1126 0.44	988 0.36	5251 0.53
VOLKSWAGEN	5580 2.57	5468 2.26	5126 2.01	4930 1.78	21104 2.13
VOLVO	884 0.41	1026 0.42	1072 0.42	1348 0.49	4330 0.44
MG	159 0.07	129 0.05	103 0.04	92 0.03	483 0.05
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

MAKE((86) HSR VEHICLE MAKE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
RENAULT	641 0.29	692 0.29	658 0.26	674 0.24	2665 0.27
DATSUN/NISSAN	8308 3.82	9814 4.06	11243 4.42	13528 4.90	42893 4.33
FIAT	348 0.16	300 0.12	240 0.09	173 0.06	1061 0.11
BUICK OPEL	148 0.07	117 0.05	78 0.03	44 0.02	387 0.04
PEUGEOT&SIMCA	130 0.06	164 0.07	178 0.07	205 0.07	677 0.07
TOYOTA	10738 4.94	11990 4.97	12319 4.84	13154 4.76	48201 4.87
TRIUMPH	109 0.05	86 0.04	59 0.02	40 0.01	294 0.03
MERCURY CAPRI	53 0.02	40 0.02	23 0.01	14 0.01	130 0.01
AUDI	589 0.27	575 0.24	584 0.23	557 0.20	2305 0.23
AUSTIN	2 0.00	0 0.00	0 0.00	0 0.00	2 0.00
HONDA	5994 2.76	7285 3.02	8383 3.29	9855 3.57	31517 3.18
JAGUAR	42 0.02	71 0.03	91 0.04	99 0.04	303 0.03
JENSEN	0 0.00	0 0.00	1 0.00	1 0.00	2 0.00
MAZDA	2665 1.23	3253 1.35	3762 1.48	4261 1.54	13941 1.41
MERCEDES	369 0.17	494 0.20	660 0.26	744 0.27	2267 0.23
PORSCHE	190 0.09	180 0.07	178 0.07	178 0.06	726 0.07
SAAB	114 0.05	196 0.08	245 0.10	311 0.11	866 0.09
SUBARU	1221 0.56	1388 0.57	1741 0.68	1936 0.70	6286 0.64
ALFA ROMEO	14 0.01	25 0.01	24 0.01	37 0.01	100 0.01
BMW	567 0.26	659 0.27	876 0.34	1022 0.37	3124 0.32
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

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MAKE((86) HSR VEHICLE MAKE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
LANCIA	5 0.00	0 0.00	1 0.00	2 0.00	8 0.00
ISUZU	234 0.11	403 0.17	585 0.23	681 0.25	1903 0.19
BMW MOTORCYCLE	40 0.02	37 0.02	0 0.00	0 0.00	77 0.01
HARLEY DAVIDSON	342 0.16	342 0.14	379 0.15	502 0.18	1565 0.16
HONDA MOTORCYCLE	858 0.39	838 0.35	0 0.00	0 0.00	1696 0.17
KAWASAKI MTRCYC	346 0.16	323 0.13	352 0.14	316 0.11	1337 0.14
SUZUKI MTRCYCLE	302 0.14	351 0.15	458 0.18	486 0.18	1597 0.16
TRIUMPH MTRCYCLE	2 0.00	2 0.00	1 0.00	4 0.00	9 0.00
YAMAHA MTRCYCLE	528 0.24	539 0.22	591 0.23	704 0.25	2362 0.24
AMC JEEP	1247 0.57	1678 0.69	1844 0.72	2384 0.86	7153 0.72
CHEVY TRUCK,MPV	11302 5.20	13175 5.46	13789 5.42	15199 5.50	53465 5.40
DIAMOND REO TRK	30 0.01	25 0.01	24 0.01	19 0.01	98 0.01
GMC TRUCK,MPV	3088 1.42	3712 1.54	3916 1.54	4386 1.59	15102 1.53
I H TRUCK	2154 0.99	2467 1.02	2533 0.99	2721 0.98	9875 1.00
DODGE TRUCK,MPV	2224 1.02	2870 1.19	3287 1.29	3665 1.33	12046 1.22
WHITE/AUTOCAR TR	658 0.30	716 0.30	631 0.25	576 0.21	2581 0.26
FORD TRUCK,MPV	14279 6.57	16471 6.82	17966 7.06	19930 7.21	68646 6.94
KENWORTH TRUCK	481 0.22	570 0.24	282 0.11	275 0.10	1608 0.16
MACK TRUCK	974 0.45	1055 0.44	1042 0.41	1098 0.40	4169 0.42
PETERBILT TRUCK	357 0.16	399 0.17	416 0.16	511 0.18	1683 0.17
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

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MAKE((86) HSR VEHICLE MAKE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VOLKSWAGEN MPV	46 0.02	50 0.02	42 0.02	28 0.01	166 0.02
TOYOTA MPV	2467 1.14	3344 1.38	3692 1.45	4295 1.55	13798 1.39
PLYMOUTH MPV	8 0.00	11 0.00	13 0.01	9 0.00	41 0.00
DATSUN/NISSAN TK	2030 0.93	2550 1.06	3226 1.27	4060 1.47	11866 1.20
MAZDA MPV	778 0.36	1087 0.45	1283 0.50	1755 0.64	4903 0.50
MERCEDES TRUCK	30 0.01	32 0.01	38 0.01	27 0.01	127 0.01
FWD TRUCK	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
FREIGHTLINER	495 0.23	660 0.27	822 0.32	978 0.35	2955 0.30
IVECO TRUCK	19 0.01	20 0.01	21 0.01	26 0.01	86 0.01
OSHKOSH TRUCK	10 0.00	11 0.00	15 0.01	14 0.01	50 0.01
VOLVO TRUCK	40 0.02	45 0.02	67 0.03	88 0.03	240 0.02
ISUZU TRUCK	383 0.18	596 0.25	805 0.32	1060 0.38	2844 0.29
MITSUBISHI TRK	7 0.00	88 0.04	319 0.13	486 0.18	900 0.09
SUZUKI TRUCK	5 0.00	71 0.03	212 0.08	317 0.11	605 0.06
HINO TRUCK	3 0.00	8 0.00	16 0.01	11 0.00	38 0.00
WINNEBAGO	23 0.01	16 0.01	15 0.01	16 0.01	70 0.01
SUBARU MPV	4 0.00	5 0.00	3 0.00	2 0.00	14 0.00
WHITE/GMC IMPORT	0 0.00	0 0.00	29 0.01	95 0.03	124 0.01
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

BODY((88) HSR BODY STYLE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
UNKNOWN	6837 .	6854 .	6963 .	6382 .	. .
SEDAN 2-DR	12909 6.13	12949 5.52	12959 5.23	14118 5.23	52935 5.50
HARDTOP 2-DR	21611 10.27	19366 8.25	16043 6.48	13207 4.89	70227 7.29
SEDAN 4-DR	46440 22.06	55543 23.68	62740 25.33	72087 26.71	236810 24.60
HARDTOP 4-DR	3686 1.75	3110 1.33	2492 1.01	1956 0.72	11244 1.17
SPORTS VAN	1533 0.73	2329 0.99	3210 1.30	4336 1.61	11408 1.19
SEDAN	2644 1.26	2305 0.98	1917 0.77	1635 0.61	8501 0.88
HARDTOP	163 0.08	174 0.07	166 0.07	192 0.07	695 0.07
CONVERTIBLE	1141 0.54	1187 0.51	1226 0.50	1358 0.50	4912 0.51
STATIONWAGON	11600 5.51	12187 5.19	12483 5.04	12669 4.69	48939 5.08
COUPE	32456 15.42	36925 15.74	39359 15.89	41809 15.49	150549 15.64
NOTCHBACK	906 0.43	901 0.38	864 0.35	703 0.26	3374 0.35
HATCHBACK	925 0.44	836 0.36	612 0.25	516 0.19	2889 0.30
RUNABOUT 3 DR	2925 1.39	2798 1.19	2370 0.96	2115 0.78	10208 1.06
FORMAL HDP 2 DR	763 0.36	634 0.27	456 0.18	345 0.13	2198 0.23
ROADSTER	66 0.03	65 0.03	81 0.03	76 0.03	288 0.03
LIMOUSINE	6 0.00	7 0.00	8 0.00	8 0.00	29 0.00
TOTAL	210502 21.87	234601 24.37	247666 25.73	269914 28.04	962683 100.00

(CONTINUED)

BODY((88) HSR BODY STYLE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
AMBULANCE	8 0.00	5 0.00	5 0.00	9 0.00	27 0.00
UTILITY	1455 0.69	1925 0.82	2639 1.07	3527 1.31	9546 0.99
UTIL-BLZR, SCOUT	1092 0.52	1683 0.72	1782 0.72	2320 0.86	6877 0.71
CONVERTIBLE-JEEP	3 0.00	61 0.03	181 0.07	266 0.10	511 0.05
SW TRUCK	501 0.24	703 0.30	940 0.38	1335 0.49	3479 0.36
TRAVELALL	70 0.03	94 0.04	129 0.05	126 0.05	419 0.04
VAN	3842 1.83	4526 1.93	4587 1.85	5205 1.93	18160 1.89
STEP VAN	150 0.07	146 0.06	123 0.05	165 0.06	584 0.06
PANEL TRUCK	8 0.00	10 0.00	2 0.00	9 0.00	29 0.00
PARCEL DELIV	7 0.00	4 0.00	8 0.00	3 0.00	22 0.00
PICK-UP	28311 13.45	33930 14.46	37589 15.18	42554 15.77	142384 14.79
MOTOR HOME	137 0.07	188 0.08	249 0.10	257 0.10	831 0.09
BUS	685 0.33	734 0.31	644 0.26	645 0.24	2708 0.28
FORWARD CONTROL	178 0.08	194 0.08	236 0.10	235 0.09	843 0.09
CONVENTIONAL CAB	1181 0.56	1408 0.60	1637 0.66	1883 0.70	6109 0.63
TILT CAB	350 0.17	445 0.19	466 0.19	484 0.18	1745 0.18
TILT TANDEM	1018 0.48	1076 0.46	1115 0.45	1194 0.44	4403 0.46
TANDEM	963 0.46	1216 0.52	1368 0.55	1519 0.56	5066 0.53
TOTAL	210502 21.87	234601 24.37	247666 25.73	269914 28.04	962683 100.00

(CONTINUED)

BODY((88) HSR BODY STYLE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
TRACTR TK-DIESEL	990 0.47	1444 0.62	1577 0.64	2068 0.77	6079 0.63
CARGO CUTAWAY	101 0.05	145 0.06	139 0.06	167 0.06	552 0.06
CHASSIS & CAB	2761 1.31	3003 1.28	2870 1.16	2957 1.10	11591 1.20
FLAT-BED	241 0.11	235 0.10	244 0.10	212 0.08	932 0.10
GLIDERS	44 0.02	45 0.02	65 0.03	66 0.02	220 0.02
STAKE OR RACK	6 0.00	8 0.00	7 0.00	9 0.00	30 0.00
AUTO CARRIER	2 0.00	4 0.00	3 0.00	6 0.00	15 0.00
CONCRETE MIXER	0 0.00	0 0.00	1 0.00	4 0.00	5 0.00
DUMP TRUCK	22 0.01	44 0.02	51 0.02	79 0.03	196 0.02
FIRE TRUCK	2 0.00	3 0.00	4 0.00	3 0.00	12 0.00
GARBAGE, REFUSE	1 0.00	1 0.00	1 0.00	1 0.00	4 0.00
LIFTBACK	565 0.27	578 0.25	473 0.19	435 0.16	2051 0.21
CHASSIS&CAB	2 0.00	1 0.00	5 0.00	2 0.00	10 0.00
CUTAWAY	18 0.01	17 0.01	27 0.01	52 0.02	114 0.01
HATCHBACK 2 DR	16054 7.63	18126 7.73	21013 8.48	23843 8.83	79036 8.21
HATCHBACK 4 DR	6621 3.15	7613 3.25	8200 3.31	8524 3.16	30958 3.22
5 DOOR	19 0.01	19 0.01	21 0.01	30 0.01	89 0.01
LIFTBACK 2 DR	1308 0.62	1655 0.71	1901 0.77	2144 0.79	7008 0.73
TOTAL	210502 21.87	234601 24.37	247666 25.73	269914 28.04	962683 100.00

(CONTINUED)

BODY((88) HSR BODY STYLE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
LIFTBACK 4 DR	263 0.12	339 0.14	353 0.14	363 0.13	1318 0.14
INCOMP CHASSIS	5 0.00	15 0.01	25 0.01	83 0.03	128 0.01
ALL-TER MOTORCYC	24 0.01	30 0.01	0 0.00	0 0.00	54 0.01
ENDURO	6 0.00	3 0.00	0 0.00	0 0.00	9 0.00
MINI BIKE	4 0.00	6 0.00	0 0.00	0 0.00	10 0.00
MINI MOTO CROSS	6 0.00	1 0.00	0 0.00	0 0.00	7 0.00
MOPED	3 0.00	2 0.00	0 0.00	0 0.00	5 0.00
MINI ROAD-TRAIL	1 0.00	1 0.00	0 0.00	0 0.00	2 0.00
MOTOR SCOOTER	19 0.01	39 0.02	0 0.00	0 0.00	58 0.01
MOTO CROSS	15 0.01	12 0.01	0 0.00	0 0.00	27 0.00
MINI CYCLE	2 0.00	0 0.00	0 0.00	0 0.00	2 0.00
RACER	2 0.00	0 0.00	0 0.00	0 0.00	2 0.00
ROAD-STREET BIKE	1603 0.76	1493 0.64	0 0.00	0 0.00	3096 0.32
ROAD-TRAIL BIKE	35 0.02	34 0.01	0 0.00	0 0.00	69 0.01
TRAIL-DIRT BIKE	18 0.01	6 0.00	0 0.00	0 0.00	24 0.00
DIRT BIKE	6 0.00	15 0.01	0 0.00	0 0.00	21 0.00
TOTAL	210502 21.87	234601 24.37	247666 25.73	269914 28.04	962683 100.00

VINYR((89) HSR MODEL YEAR)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959	102726	95399	92250	.
	.	.	.	.	.
66	1691 0.78	1502 0.62	1277 0.50	1040 0.38	5510 0.56
67	1696 0.78	1431 0.59	1213 0.48	1049 0.38	5389 0.54
68	2265 1.04	1940 0.80	1534 0.60	1255 0.45	6994 0.71
69	3010 1.38	2492 1.03	2023 0.79	1677 0.61	9202 0.93
70	3549 1.63	2950 1.22	2443 0.96	1903 0.69	10845 1.10
71	4658 2.14	3794 1.57	3036 1.19	2498 0.90	13986 1.41
72	6646 3.06	5780 2.39	4514 1.77	3667 1.33	20607 2.08
73	8319 3.83	6949 2.88	5457 2.14	4462 1.61	25187 2.54
74	8440 3.88	7262 3.01	5653 2.22	4416 1.60	25771 2.60
75	7324 3.37	6441 2.67	5168 2.03	4131 1.50	23064 2.33
76	11959 5.50	11202 4.64	9347 3.67	7742 2.80	40250 4.07
77	14942 6.87	14264 5.91	12594 4.95	10884 3.94	52684 5.32
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

(CONTINUED)

VINYR((89) HSR MODEL YEAR)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
78	16283 7.49	16225 6.72	14987 5.89	13768 4.98	61263 6.19
79	17751 8.17	18113 7.50	16532 6.49	15335 5.55	67731 6.84
80	15266 7.02	15865 6.57	14622 5.74	13460 4.87	59213 5.98
81	12388 5.70	13062 5.41	12595 4.95	12277 4.44	50322 5.08
82	12124 5.58	13691 5.67	13354 5.24	13130 4.75	52299 5.28
83	13048 6.00	14397 5.96	14566 5.72	15268 5.53	57279 5.79
84	19925 9.17	21280 8.81	22175 8.71	23196 8.40	86576 8.75
85	20542 9.45	22404 9.28	22760 8.94	24289 8.79	89995 9.09
86	14712 6.77	23477 9.72	24296 9.54	25680 9.29	88165 8.91
87	801 0.37	16571 6.86	25219 9.90	26569 9.62	69160 6.99
88	0 0.00	363 0.15	18316 7.19	29039 10.51	47718 4.82
89	0 0.00	0 0.00	948 0.37	18751 6.79	19699 1.99
90	0 0.00	0 0.00	0 0.00	810 0.29	810 0.08
TOTAL	217339 21.96	241455 24.40	254629 25.73	276296 27.92	989719 100.00

ENGINE((90) HSR ENGINE SIZE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
NOT A PASS CAR	45478 .	53896 .	57643 .	65245 .	. .
UNK ENG SIZE	6779 .	5488 .	4850 .	4481 .	. .
4 CYLINDERS	69744 42.25	80558 44.25	89451 46.56	100332 48.57	340085 45.60
6 CYLINDERS	32037 19.41	37210 20.44	41753 21.73	47404 22.95	158404 21.24
8 CYLINDERS	61819 37.45	62353 34.25	58633 30.52	56228 27.22	239033 32.05
2 CYLINDERS	0 0.00	0 0.00	3 0.00	0 0.00	3 0.00
3 CYLINDERS	137 0.08	394 0.22	613 0.32	829 0.40	1973 0.26
5 CYLINDERS	476 0.29	551 0.30	643 0.33	675 0.33	2345 0.31
12 CYLINDERS	8 0.00	15 0.01	19 0.01	18 0.01	60 0.01
ROTARY ENGINE	861 0.52	990 0.54	1021 0.53	1084 0.52	3956 0.53
TOTAL	165082 22.13	182071 24.41	192136 25.76	206570 27.70	745859 100.00

WEIGHT((91) HSR VEHICLE WEIGHT, LBS)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
NOT A PASS CAR	45478 .	53896 .	57643 .	65245 .	. .
WEIGHT UNKNOWN	3184 .	3632 .	4527 .	6637 .	. .
UNDER 1500 LBS.	42 0.02	62 0.03	100 0.05	139 0.07	343 0.05
1500 - 1699 LBS.	1428 0.85	1463 0.80	1258 0.65	1181 0.58	5330 0.71
1700 - 1899 LBS.	8133 4.82	8174 4.44	7943 4.13	7986 3.91	32236 4.30
1900 - 2099 LBS.	17922 10.63	18357 9.98	19822 10.30	21350 10.44	77451 10.33
2100 - 2299 LBS.	12671 7.51	15523 8.44	18096 9.40	19900 9.74	66190 8.83
2300 - 2499 LBS.	18413 10.92	21781 11.84	23820 12.38	26149 12.79	90163 12.03
2500 - 2699 LBS.	17732 10.51	20787 11.30	22616 11.75	25330 12.39	86465 11.54
2700 - 2899 LBS.	9989 5.92	11564 6.29	12712 6.61	14584 7.13	48849 6.52
2900 - 3099 LBS.	13366 7.92	15621 8.49	17431 9.06	19714 9.64	66132 8.82
3100 - 3299 LBS.	19149 11.35	21593 11.74	23159 12.03	24401 11.94	88302 11.78
TOTAL	168677 22.51	183927 24.54	192459 25.68	204414 27.27	749477 100.00

(CONTINUED)

WEIGHT((91) HSR VEHICLE WEIGHT, LBS)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
3300 - 3499 LBS.	10284 6.10	10651 5.79	10585 5.50	10638 5.20	42158 5.62
3500 - 3699 LBS.	10741 6.37	10978 5.97	10127 5.26	9958 4.87	41804 5.58
3700 - 3899 LBS.	8154 4.83	8242 4.48	7746 4.02	7802 3.82	31944 4.26
3900 - 4099 LBS.	7757 4.60	7380 4.01	6559 3.41	6202 3.03	27898 3.72
4100 - 4299 LBS.	6281 3.72	5936 3.23	5280 2.74	4597 2.25	22094 2.95
4300 - 4499 LBS.	2702 1.60	2351 1.28	2157 1.12	1837 0.90	9047 1.21
4500 - 4699 LBS.	2078 1.23	1965 1.07	1715 0.89	1539 0.75	7297 0.97
4700 - 4899 LBS.	676 0.40	531 0.29	468 0.24	396 0.19	2071 0.28
4900 - 5099 LBS.	973 0.58	794 0.43	687 0.36	557 0.27	3011 0.40
5100 - 5299 LBS.	121 0.07	105 0.06	127 0.07	114 0.06	467 0.06
5300 - 5499 LBS.	60 0.04	58 0.03	45 0.02	26 0.01	189 0.03
5500+ LBS.	5 0.00	11 0.01	6 0.00	14 0.01	36 0.00
TOTAL	168677 22.51	183927 24.54	192459 25.68	204414 27.27	749477 100.00

WHBASE((93) HSR VEHICLE WHEELBASE)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
NOT A PASS CAR	45478 .	53896 .	57643 .	65245 .	. .
UNKNOWN	308 .	224 .	179 .	422 .	. .
96 IN & LESS	41129 23.97	43871 23.42	46632 23.69	49692 23.59	181324 23.66
96.1 - 101 IN.	27677 16.13	33024 17.63	36451 18.52	40870 19.40	138022 18.01
101.1 - 106 IN.	23180 13.51	29648 15.83	35943 18.26	43746 20.77	132517 17.29
106.1 - 111 IN.	31288 18.24	33618 17.95	34216 17.39	34884 16.56	134006 17.49
111.1 - 120 IN.	33774 19.69	34348 18.34	32354 16.44	31744 15.07	132220 17.25
120.1+ INCHES	14505 8.46	12826 6.85	11211 5.70	9693 4.60	48235 6.29
TOTAL	171553 22.39	187335 24.45	196807 25.68	210629 27.49	766324 100.00

CARDISP((95) HSR ENGINE DISP-CUBIC IN)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
NOT A PASS CAR	45478 .	53896 .	57643 .	65245 .	. .
UNKNOWN	12740 .	10296 .	8611 .	7396 .	. .
<101 CUBIC INCH	30285 19.03	31863 17.97	34555 18.34	37552 18.44	134255 18.43
101-125 CUBIC IN	18903 11.88	23906 13.49	28051 14.89	32286 15.85	103146 14.16
126-150 CUBIC IN	14903 9.37	17082 9.64	18280 9.70	20565 10.10	70830 9.72
151-175 CUBIC IN	14270 8.97	18251 10.30	21725 11.53	25558 12.55	79804 10.96
176-200 CUBIC IN	5111 3.21	6588 3.72	8130 4.32	10378 5.10	30207 4.15
201-225 CUBIC IN	2276 1.43	2358 1.33	2124 1.13	2080 1.02	8838 1.21
226-250 CUBIC IN	15499 9.74	17756 10.02	19192 10.19	20218 9.93	72665 9.98
251-375 CUBIC IN	47190 29.66	49985 28.20	48039 25.50	48153 23.64	193367 26.55
376-400 CUBIC IN	5779 3.63	4987 2.81	4208 2.23	3500 1.72	18474 2.54
401-425 CUBIC IN	1218 0.77	1284 0.72	1307 0.69	1208 0.59	5017 0.69
426-450 CUBIC IN	559 0.35	428 0.24	346 0.18	234 0.11	1567 0.22
451-475 CUBIC IN	2859 1.80	2546 1.44	2205 1.17	1739 0.85	9349 1.28
476-500 CUBIC IN	269 0.17	229 0.13	213 0.11	184 0.09	895 0.12
TOTAL	159121 21.84	177263 24.34	188375 25.86	203655 27.96	728414 100.00

TONMIN((96) HSR TON RATING, MINIMUM)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
NOT A TRUCK	174197 .	189723 .	198281 .	212264 .	. .
UNKNOWN	12383 .	15618 .	15716 .	18383 .	. .
QUARTER TON	110 0.36	130 0.36	104 0.26	131 0.29	475 0.31
HALF TON	24133 78.46	29057 80.46	32620 80.28	36944 80.93	122754 80.15
3/4 TON	3043 9.89	3298 9.13	3897 9.59	4131 9.05	14369 9.38
ONE TON	1328 4.32	1594 4.41	1555 3.83	1948 4.27	6425 4.20
ONE & HALF TON	515 1.67	498 1.38	420 1.03	341 0.75	1774 1.16
1 & 3/4 TON	88 0.29	72 0.20	50 0.12	40 0.09	250 0.16
TWO TON	184 0.60	165 0.46	122 0.30	170 0.37	641 0.42
2 & HALF TON	222 0.72	203 0.56	248 0.61	259 0.57	932 0.61
THREE TON	448 1.46	430 1.19	480 1.18	478 1.05	1836 1.20
3 & HALF TON	186 0.60	194 0.54	197 0.48	172 0.38	749 0.49
FOUR TON	76 0.25	61 0.17	84 0.21	91 0.20	312 0.20
4 & HALF TON	112 0.36	120 0.33	415 1.02	455 1.00	1102 0.72
FIVE TON	28 0.09	27 0.07	28 0.07	31 0.07	114 0.07
SIX TON	266 0.86	240 0.66	384 0.95	388 0.85	1278 0.83
SEVEN TON	7 0.02	8 0.02	6 0.01	7 0.02	28 0.02
EIGHT TON	0 0.00	0 0.00	0 0.00	44 0.10	44 0.03
10 TON & OVER	13 0.04	17 0.05	22 0.05	19 0.04	71 0.05
TOTAL	30759 20.08	36114 23.58	40632 26.53	45649 29.81	153154 100.00

TOTWH((97+97A) HSR TRUCK WHEELS/WHEELS DRIVING) *** VEH FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
NOT A TRUCK	174197 .	189723 .	198281 .	212264 .	. .
UNKNOWN	2199 .	2158 .	1765 .	1540 .	. .
4 X 2	32121 78.45	37797 76.24	40910 74.95	45868 73.40	156696 75.48
4 X 4	6035 14.74	8261 16.66	9833 18.01	12094 19.35	36223 17.45
6 X 2	4 0.01	6 0.01	7 0.01	13 0.02	30 0.01
6 X 4	2775 6.78	3501 7.06	3820 7.00	4491 7.19	14587 7.03
6 X 6	1 0.00	1 0.00	1 0.00	0 0.00	3 0.00
8 X 4	4 0.01	6 0.01	11 0.02	15 0.02	36 0.02
8 X 6	3 0.01	2 0.00	1 0.00	11 0.02	17 0.01
TOTAL	40943 19.72	49574 23.88	54583 26.29	62492 30.10	207592 100.00

GVW((98) HSR GROSS VEHICLE WEIGHT)

*** VEH FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
VIN UNCLASSIFIED	102959 .	102726 .	95399 .	92250 .	. .
NOT A TRUCK	174197 .	189723 .	198281 .	212264 .	. .
UNKNOWN	2003 .	1936 .	1566 .	1361 .	. .
6000 LB & UNDER	24731 60.12	30348 60.94	34323 62.65	39858 63.60	129260 62.03
6001-10000 LB	9350 22.73	11028 22.15	11553 21.09	12833 20.48	44764 21.48
10001-14000 LB	193 0.47	340 0.68	448 0.82	613 0.98	1594 0.76
14001-16000 LB	60 0.15	58 0.12	89 0.16	136 0.22	343 0.16
16001-19500 LB	282 0.69	269 0.54	263 0.48	243 0.39	1057 0.51
19501-26000 LB	2331 5.67	2536 5.09	2317 4.23	2225 3.55	9409 4.52
26001-33000 LB	933 2.27	1176 2.36	1420 2.59	1650 2.63	5179 2.49
33001 LB & MORE	3259 7.92	4041 8.12	4369 7.98	5113 8.16	16782 8.05
TOTAL	41139 19.74	49796 23.90	54782 26.29	62671 30.07	208388 100.00

VINTYPE((99) HSR VIN TYPE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
UNCLASSIFIED VIN	102959 32.14	102726 29.85	95399 27.25	92250 25.03	393334 28.44
PASS CAR VIN	171861 53.66	187559 54.49	196986 56.28	211051 57.27	767457 55.49
TRUCK VIN	43142 13.47	51732 15.03	56348 16.10	64032 17.37	215254 15.56
MOTORCYCLE VIN	2336 0.73	2164 0.63	1295 0.37	1213 0.33	7008 0.51
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

TOTINJV(TOTAL INJURED IN VEHICLE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	230181 71.86	252483 73.36	256517 73.28	270894 73.50	1010075 73.03
1	70718 22.08	72200 20.98	73320 20.95	76449 20.74	292687 21.16
2	14460 4.51	14534 4.22	15112 4.32	15813 4.29	59919 4.33
3	3363 1.05	3362 0.98	3359 0.96	3662 0.99	13746 0.99
4	1065 0.33	1118 0.32	1188 0.34	1182 0.32	4553 0.33
5	332 0.10	305 0.09	315 0.09	353 0.10	1305 0.09
6	90 0.03	85 0.02	121 0.03	112 0.03	408 0.03
7	20 0.01	29 0.01	32 0.01	32 0.01	113 0.01
8	19 0.01	19 0.01	20 0.01	14 0.00	72 0.01
9	10 0.00	15 0.00	9 0.00	10 0.00	44 0.00
10 OR MORE	40 0.01	31 0.01	35 0.01	25 0.01	131 0.01
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

POSTFIRE(POST CRASH FIRE)

*** VEH FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	220478 .	96461 .	43257 .	28089 .	.
POST CRASH FIRE	631 0.63	891 0.36	1000 0.33	1039 0.31	3561 0.36
NO FIRE	99189 99.37	246829 99.64	305771 99.67	339418 99.69	991207 99.64
TOTAL	99820 10.03	247720 24.90	306771 30.84	340457 34.22	994768 100.00

DRSTATE((101) DRIVER LICENSE STATE)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
UNKNOWN	1 .	0 .	0 .	0 .	. .
NC DR LICENSE	296254 92.49	318550 92.55	324068 92.58	338996 91.98	1277868 92.39
OUT OF STATE DR	24043 7.51	25631 7.45	25960 7.42	29550 8.02	105184 7.61
TOTAL	320297 23.16	344181 24.89	350028 25.31	368546 26.65	1383052 100.00

LICRESTR((103) LICENSE RESTRICTION)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
OUT OF STATE DRI	48166 15.04	52040 15.12	52842 15.10	57447 15.59	210495 15.22
NONE OR NO NC LI	200727 62.67	213459 62.02	215851 61.67	224223 60.84	854260 61.77
1=CORRECTIVE LENS	69908 21.83	77012 22.38	79597 22.74	85175 23.11	311692 22.54
2=45 MPH LIMIT	28 0.01	41 0.01	31 0.01	31 0.01	131 0.01
3=DAYLIGHT ONLY	11 0.00	16 0.00	17 0.00	24 0.01	68 0.00
1,2 ABOVE	239 0.07	241 0.07	240 0.07	185 0.05	905 0.07
1,2,3 ABOVE	164 0.05	222 0.06	282 0.08	280 0.08	948 0.07
1,3 ABOVE	56 0.02	49 0.01	88 0.03	106 0.03	299 0.02
2,3 ABOVE	26 0.01	37 0.01	33 0.01	43 0.01	139 0.01
NO INTERSTATE	3 0.00	4 0.00	7 0.00	9 0.00	23 0.00
OTHER RESTRICTN	970 0.30	1060 0.31	1040 0.30	1023 0.28	4093 0.30
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

LTYPE((104+105) LICENSE TYPE/LEARNER'S PERMIT) *** DRV FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
HIT & RUN	6173 1.93	7343 2.13	8023 2.29	9219 2.50	30758 2.22
CLASS A	13035 4.07	14473 4.21	14694 4.20	15882 4.31	58084 4.20
CLASS B	4817 1.50	5521 1.60	5965 1.70	6494 1.76	22797 1.65
CLASS C	246574 76.98	263336 76.51	266901 76.25	277687 75.35	1054498 76.24
NC CONTROL	9467 2.96	9829 2.86	9345 2.67	10479 2.84	39120 2.83
NEW CONTROL	38694 12.08	42204 12.26	43484 12.42	46953 12.74	171335 12.39
LEARNERS PERMIT	931 0.29	1076 0.31	1243 0.36	1431 0.39	4681 0.34
LIMITED PERMIT	607 0.19	399 0.12	373 0.11	401 0.11	1780 0.13
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

PHYSCOND((106) PHYSICAL CONDITION)

*** DRV FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	16684 .	19329 .	20060 .	22586 .	.
UNKNOWN	13822 .	13431 .	13564 .	14354 .	.
NORMAL	278790 96.20	300447 96.48	305529 96.56	320663 96.70	1205429 96.49
ILL	435 0.15	433 0.14	402 0.13	409 0.12	1679 0.13
FATIGUED	1244 0.43	1172 0.38	1135 0.36	1155 0.35	4706 0.38
ASLEEP	1830 0.63	1838 0.59	1838 0.58	1762 0.53	7268 0.58
OTHER PHYS IMPRM	4141 1.43	4301 1.38	4445 1.40	4579 1.38	17466 1.40
IMP-MED-DRUGS	3246 1.12	3124 1.00	2944 0.93	2887 0.87	12201 0.98
RES NOT COMPLD W	106 0.04	106 0.03	111 0.04	151 0.05	474 0.04
TOTAL	289792 23.20	311421 24.93	316404 25.33	331606 26.54	1249223 100.00

INTOX((107) INTOXICATION)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	16827 .	19508 .	20195 .	22770 .	.
UNKNOWN	11587 .	11379 .	12053 .	12991 .	.
NO DRINK, DRUGS	272781 93.46	295554 94.34	301492 94.87	316331 95.06	1186158 94.46
DRINKING--IMPRD	11821 4.05	11459 3.66	10670 3.36	10873 3.27	44823 3.57
DRINKING--IMP UK	7282 2.49	6281 2.00	5618 1.77	5328 1.60	24509 1.95
DRINKING N/IMPRD	0 0.00	0 0.00	0 0.00	253 0.08	253 0.02
TOTAL	291884 23.24	313294 24.95	317780 25.31	332785 26.50	1255743 100.00

CHEMTEST((108) CHEMICAL TEST GIVEN)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	21166 .	23824 .	23534 .	25684 .	.
TESTED	9863 3.30	9561 2.98	9042 2.77	9467 2.76	37933 2.94
NOT TESTED	288210 96.35	309613 96.65	316346 96.89	332333 96.93	1246502 96.71
REFUSED TEST	1059 0.35	1183 0.37	1106 0.34	1062 0.31	4410 0.34
TOTAL	299132 23.21	320357 24.86	326494 25.33	342862 26.60	1288845 100.00

VISION((109) VISION OBSTRUCTION)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	18247	20203	21217	23720	.
	.	.	.	.	.
UNKNOWN	1	2	3	589	.
	.	.	.	.	.
NONE	282693 93.59	303311 93.62	308208 93.73	323037 93.84	1217249 93.70
WINDOW OBSCURED	682 0.23	953 0.29	878 0.27	943 0.27	3456 0.27
TREES, BRUSH, ETC	1514 0.50	1598 0.49	1479 0.45	1639 0.48	6230 0.48
BUILDINGS	349 0.12	303 0.09	320 0.10	316 0.09	1288 0.10
EMBANKMENT	729 0.24	715 0.22	631 0.19	715 0.21	2790 0.21
SIGNS	154 0.05	170 0.05	147 0.04	160 0.05	631 0.05
HILLCREST	1582 0.52	1500 0.46	1411 0.43	1455 0.42	5948 0.46
PARKED VEHICLES	3481 1.15	3554 1.10	3405 1.04	3519 1.02	13959 1.07
MOVING VEHICLES	4764 1.58	4986 1.54	5076 1.54	5243 1.52	20069 1.54
BLINDED, HEADLTS	453 0.15	405 0.13	424 0.13	419 0.12	1701 0.13
BLINDED, SUNLIGHT	1380 0.46	1938 0.60	2079 0.63	1669 0.48	7066 0.54
BLINDED, OTH LGTS	43 0.01	54 0.02	45 0.01	46 0.01	188 0.01
OTHER	4226 1.40	4489 1.39	4705 1.43	5076 1.47	18496 1.42
TOTAL	302050 23.25	323976 24.94	328808 25.31	344237 26.50	1299071 100.00

NUMVIOLS(NUMBER OF VIOLATIONS)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
0	160167 50.01	174087 50.58	176721 50.49	185811 50.42	696786 50.38
1	121269 37.86	129680 37.68	132367 37.82	139023 37.72	522339 37.77
2	29399 9.18	30770 8.94	31130 8.89	33539 9.10	124838 9.03
3	7103 2.22	7307 2.12	7387 2.11	7760 2.11	29557 2.14
4	2083 0.65	2074 0.60	2109 0.60	2137 0.58	8403 0.61
5+	277 0.09	263 0.08	314 0.09	276 0.07	1130 0.08
TOTAL	320298 23.16	344181 24.89	350028 25.31	368546 26.65	1383053 100.00

CHARGED((111) CHARGED WITH VIOLATION)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	2880 .	2937 .	2856 .	3044 .	.
CHARGED W VIOL	96272 30.33	101697 29.80	104280 30.04	99857 27.32	402106 29.32
NOT CHARGED	221146 69.67	239547 70.20	242892 69.96	265645 72.68	969230 70.68
TOTAL	317418 23.15	341244 24.88	347172 25.32	365502 26.65	1371336 100.00

VIOL((112) VIOLATION #1)

*** DRV FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	9997 .	11481 .	11256 .	11278 .	.
UNABLE TO DETERM	10549 .	11053 .	11166 .	12114 .	.
NO VIOLATION	139891 46.67	151842 47.21	154491 47.16	162553 47.10	608777 47.04
DUI-ALCOHOL	14587 4.87	14033 4.36	12886 3.93	12963 3.76	54469 4.21
DUI-DRUGS	182 0.06	185 0.06	194 0.06	199 0.06	760 0.06
YIELD	17418 5.81	18228 5.67	18303 5.59	18198 5.27	72147 5.57
STOP SIGN	3901 1.30	3966 1.23	4092 1.25	4029 1.17	15988 1.24
TRAFFIC SIGNAL	5536 1.85	5738 1.78	5865 1.79	5906 1.71	23045 1.78
EXCEED SPEED LIM	5445 1.82	5473 1.70	5721 1.75	5606 1.62	22245 1.72
EXCEED SAFE SPD	32352 10.79	36553 11.36	37059 11.31	43167 12.51	149131 11.52
MIN SPEED LAW	84 0.03	92 0.03	67 0.02	83 0.02	326 0.03
PASS STP SCH BUS	33 0.01	38 0.01	44 0.01	51 0.01	166 0.01
PASS ON HILL	80 0.03	112 0.03	69 0.02	74 0.02	335 0.03
PASS ON CURVE	96 0.03	94 0.03	106 0.03	84 0.02	380 0.03
TOTAL	299752 23.16	321647 24.85	327606 25.31	345154 26.67	1294159 100.00

(CONTINUED)

VIOL((112) VIOLATION #1)

*** DRV FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
OTH IMP PASSING	2246 0.75	2282 0.71	2339 0.71	2298 0.67	9165 0.71
IMP LANE CHNG	2333 0.78	2515 0.78	2533 0.77	2857 0.83	10238 0.79
IMPROPER LANE	880 0.29	896 0.28	839 0.26	905 0.26	3520 0.27
IMPROPER TURN	2620 0.87	2721 0.85	2854 0.87	3019 0.87	11214 0.87
IMP-NO SIGNAL	634 0.21	588 0.18	620 0.19	586 0.17	2428 0.19
IMP VEH EQUIPMT	3455 1.15	3445 1.07	3341 1.02	3411 0.99	13652 1.05
SAFE MVMT VIOL	40808 13.61	44389 13.80	46458 14.18	48585 14.08	180240 13.93
FOLLWNG TOO CLSE	8551 2.85	8533 2.65	8900 2.72	8984 2.60	34968 2.70
IMPROPER BACKING	3078 1.03	3483 1.08	3770 1.15	4247 1.23	14578 1.13
IMPROPER PARKING	918 0.31	1091 0.34	1041 0.32	1064 0.31	4114 0.32
RECKLESS DRIVING	1264 0.42	1226 0.38	1315 0.40	1309 0.38	5114 0.40
LEFT OF CENTER	6026 2.01	6377 1.98	6171 1.88	6220 1.80	24794 1.92
RIGHT TURN ON RE	24 0.01	22 0.01	29 0.01	31 0.01	106 0.01
OTHER	7310 2.44	7725 2.40	8499 2.59	8725 2.53	32259 2.49
TOTAL	299752 23.16	321647 24.85	327606 25.31	345154 26.67	1294159 100.00

DRINJ((117) INJURY - DRIVER)

*** DRV FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	20601	23185	24698	27707	.
	.	.	.	.	.
NOT STATED	2781	3246	3306	3319	.
	.	.	.	.	.
NO INJURY	219057	238882	241193	253454	952586
	73.78	75.18	74.90	75.09	74.76
C TYPE INJURY	40341	43684	46085	49456	179566
	13.59	13.75	14.31	14.65	14.09
B TYPE INJURY	22995	21682	21581	21798	88056
	7.74	6.82	6.70	6.46	6.91
A TYPE INJURY	13258	12310	11976	11721	49265
	4.47	3.87	3.72	3.47	3.87
KILLED	1265	1192	1189	1091	4737
	0.43	0.38	0.37	0.32	0.37
TOTAL	296916	317750	322024	337520	1274210
	23.30	24.94	25.27	26.49	100.00

DRBELT((118) BELT USE - DRIVER)

*** DRV FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	20601	23185	24698	27707	.
	.	.	.	.	.
NOT STATED	6730	6320	6006	5574	.
	.	.	.	.	.
UNKNOWN	7437	8806	10162	11446	.
	.	.	.	.	.
HELMET	1208	1774	1513	1431	.
	.	.	.	.	.
NONE	111382	38696	40483	38966	229527
	39.17	12.72	13.16	12.09	18.84
LAP BELT	21436	24290	20243	18360	84329
	7.54	7.99	6.58	5.70	6.92
LAP&SHLDR BELT	151486	241080	246901	265041	904508
	53.28	79.28	80.25	82.21	74.23
CHILD RESTRAINT	18	30	22	21	91
	0.01	0.01	0.01	0.01	0.01
TOTAL	284322	304096	307649	322388	1218455
	23.33	24.96	25.25	26.46	100.00

DRRACE((119) RACE - DRIVER)

*** DRV FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	20601 .	23185 .	24698 .	27707 .	.
NOT STATED	3907 .	3625 .	3292 .	3123 .	.
WHITE	222579 75.25	238281 75.08	241324 74.94	251732 74.54	953916 74.94
BLACK	68514 23.16	73764 23.24	74688 23.19	79226 23.46	296192 23.27
INDIAN	2216 0.75	2370 0.75	2406 0.75	2229 0.66	9221 0.72
OTHER	2481 0.84	2956 0.93	3620 1.12	4529 1.34	13586 1.07
TOTAL	295790 23.24	317371 24.93	322038 25.30	337716 26.53	1272915 100.00

DRSEX((120) SEX - DRIVER)

*** DRV FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	20601 .	23185 .	24698 .	27707 .	.
NOT STATED	3861 .	3605 .	3226 .	3074 .	.
MALE	184463 62.35	197190 62.13	197370 61.28	204937 60.67	783960 61.58
FEMALE	111373 37.65	120201 37.87	124734 38.72	132828 39.33	489136 38.42
TOTAL	295836 23.24	317391 24.93	322104 25.30	337765 26.53	1273096 100.00

DRAGE((121) AGE - DRIVER)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	20601 .	23185 .	24698 .	27707 .	. .
NOT STATED	1056 .	1176 .	1224 .	1336 .	. .
INFANT - 1 YR	40 0.01	63 0.02	60 0.02	46 0.01	209 0.02
02 - 04 YRS	194 0.06	183 0.06	231 0.07	163 0.05	771 0.06
05 - 10 YRS	669 0.22	788 0.25	688 0.21	675 0.20	2820 0.22
11 - 14 YRS	817 0.27	803 0.25	788 0.24	646 0.19	3054 0.24
15 YRS	747 0.25	667 0.21	654 0.20	648 0.19	2716 0.21
16 YRS	12510 4.19	13193 4.13	12363 3.81	11515 3.39	49581 3.87
17 YRS	12377 4.14	13485 4.22	13790 4.25	12710 3.74	52362 4.08
18 YRS	12233 4.10	13080 4.09	13896 4.29	14363 4.23	53572 4.18
19 YRS	12304 4.12	12627 3.95	13081 4.04	14047 4.14	52059 4.06
20 YRS	11793 3.95	12270 3.84	12155 3.75	12886 3.80	49104 3.83
21 - 25 YRS	54251 18.17	56280 17.60	54822 16.91	55784 16.43	221137 17.25
26 - 30 YRS	40496 13.56	43476 13.59	44062 13.59	46507 13.70	174541 13.61
31 - 35 YRS	32325 10.82	35150 10.99	35769 11.04	38395 11.31	141639 11.05
36 - 45 YRS	44450 14.88	48972 15.31	50927 15.71	55744 16.42	200093 15.61
46 - 55 YRS	25432 8.52	27794 8.69	28910 8.92	31489 9.28	113625 8.86
56 - 65 YRS	20455 6.85	21699 6.78	21815 6.73	22979 6.77	86948 6.78
66 - 75 YRS	12453 4.17	13581 4.25	14133 4.36	14688 4.33	54855 4.28
76 - 85 YRS	4592 1.54	5110 1.60	5339 1.65	5640 1.66	20681 1.61
86+ YRS	503 0.17	599 0.19	623 0.19	578 0.17	2303 0.18
TOTAL	298641 23.29	319820 24.95	324106 25.28	339503 26.48	1282070 100.00

INJINTOX(DRIVER INJURY/INTOX)

*** DRV FREQ ***

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FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT STATED	21122 .	23956 .	25501 .	28562 .	.
INJ NS N/DRG/DRK	1663 0.56	1788 0.56	1801 0.55	1622 0.48	6874 0.54
DRNK-IMP	58 0.02	62 0.02	59 0.02	58 0.02	237 0.02
DRNK-UIMP	49 0.02	59 0.02	71 0.02	64 0.02	243 0.02
DRNK-UNK	490 0.16	566 0.18	572 0.18	720 0.21	2348 0.18
NO INJ INTX N/ST	1296 0.43	1501 0.47	1459 0.45	1580 0.46	5836 0.45
N/DRG/DRK	204751 68.44	224845 70.21	228054 70.27	239854 70.55	897504 69.90
DRNK-IMP	5500 1.84	5570 1.74	5156 1.59	5213 1.53	21439 1.67
DRNK-UIMP	3728 1.25	3309 1.03	2922 0.90	2851 0.84	12810 1.00
DRNK-UNK	3782 1.26	3657 1.14	3602 1.11	3800 1.12	14841 1.16
DRNK-N/IM	0 0.00	0 0.00	0 0.00	156 0.05	156 0.01
C INJ INTX N/STA	245 0.08	257 0.08	285 0.09	363 0.11	1150 0.09
N/DRG/DRK	36897 12.33	40487 12.64	43080 13.27	46271 13.61	166735 12.99
DRNK-IMP	1569 0.52	1509 0.47	1402 0.43	1497 0.44	5977 0.47
DRNK-UIMP	1015 0.34	828 0.26	743 0.23	706 0.21	3292 0.26
DRNK-UNK	615 0.21	603 0.19	575 0.18	582 0.17	2375 0.18
DRNK-N/IMP	0 0.00	0 0.00	0 0.00	37 0.01	37 0.00
TOTAL	299176 23.30	320225 24.94	324527 25.28	339984 26.48	1283912 100.00

(CONTINUED)

INJINTOX(DRIVER INJURY/INTOX)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT		1986	1987	1988	1989	TOTAL
B INJ	INTX N/STA	152 0.05	181 0.06	174 0.05	235 0.07	742 0.06
	N/DRG/DRK	18246 6.10	17511 5.47	17581 5.42	17812 5.24	71150 5.54
	DRNK-IMP	2648 0.89	2387 0.75	2318 0.71	2366 0.70	9719 0.76
	DRNK-UIMP	1338 0.45	1089 0.34	953 0.29	840 0.25	4220 0.33
	DRNK-UNK	611 0.20	514 0.16	555 0.17	505 0.15	2185 0.17
	DRNK-N/IMP	0 0.00	0 0.00	0 0.00	40 0.01	40 0.00
A INJ	INTX N/STA	140 0.05	162 0.05	147 0.05	229 0.07	678 0.05
	N/DRG/DRK	9696 3.24	9102 2.84	9062 2.79	8839 2.60	36699 2.86
	DRNK-IMP	1916 0.64	1770 0.55	1586 0.49	1582 0.47	6854 0.53
	DRNK-UIMP	893 0.30	769 0.24	712 0.22	639 0.19	3013 0.23
	DRNK-UNK	613 0.20	507 0.16	469 0.14	418 0.12	2007 0.16
	DRNK-N/IMP	0 0.00	0 0.00	0 0.00	14 0.00	14 0.00
KILLED	INTX N/STA	41 0.01	43 0.01	33 0.01	45 0.01	162 0.01
	N/DRG/DRK	427 0.14	389 0.12	441 0.14	421 0.12	1678 0.13
	DRNK-IMP	92 0.03	108 0.03	112 0.03	101 0.03	413 0.03
	DRNK-UIMP	182 0.06	142 0.04	130 0.04	123 0.04	577 0.04
	DRNK-UNK	523 0.17	510 0.16	473 0.15	400 0.12	1906 0.15
	DRNK-N/IMP	0 0.00	0 0.00	0 0.00	1 0.00	1 0.00
TOTAL		299176 23.30	320225 24.94	324527 25.28	339984 26.48	1283912 100.00

HELMET (HELMET USE BY CYCLIST TYPE)

*** DRV FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	20601 .	23185 .	24698 .	27707 .	.
NON-CYCLIST	292604 97.63	314223 97.89	319058 98.07	334879 98.25	1260764 97.97
MOTORCYC+HELMET	1151 0.38	1684 0.52	1425 0.44	1306 0.38	5566 0.43
MTRCYC/NO HELMET	1728 0.58	916 0.29	763 0.23	634 0.19	4041 0.31
MOPED + HELMET	10 0.00	15 0.00	10 0.00	37 0.01	72 0.01
MOPED/NO HELMET	341 0.11	308 0.10	276 0.08	228 0.07	1153 0.09
SCOOTER+HELMET	3 0.00	6 0.00	3 0.00	7 0.00	19 0.00
SCOOT/NO HELMET	11 0.00	10 0.00	11 0.00	7 0.00	39 0.00
BICYCLE+HELMET	14 0.00	22 0.01	29 0.01	28 0.01	93 0.01
BICYC/NO HELMET	1331 0.44	1289 0.40	1243 0.38	1106 0.32	4969 0.39
PEDESTRIAN	2504 0.84	2523 0.79	2512 0.77	2607 0.76	10146 0.79
TOTAL	299697 23.29	320996 24.94	325330 25.28	340839 26.49	1286862 100.00

INJ2((122) INJURY - CENTER FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	311502 .	335849 .	342175 .	360685 .	. .
NOT STATED	39 .	71 .	48 .	54 .	. .
NO INJURY	6464 73.82	6137 74.29	5752 73.70	5717 73.23	24070 73.77
C TYPE INJURY	1128 12.88	1048 12.69	1025 13.13	1078 13.81	4279 13.11
B TYPE INJURY	755 8.62	681 8.24	657 8.42	638 8.17	2731 8.37
A TYPE INJURY	377 4.31	370 4.48	347 4.45	347 4.44	1441 4.42
KILLED	33 0.38	25 0.30	24 0.31	27 0.35	109 0.33
TOTAL	8757 26.84	8261 25.32	7805 23.92	7807 23.93	32630 100.00

BELT2((123) RESTRAINT USE - CENTER FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	311502 .	335849 .	342175 .	360685 .	. .
NOT STATED	300 .	176 .	154 .	151 .	. .
UNKNOWN	158 .	281 .	291 .	331 .	. .
HELMET	117 .	130 .	132 .	155 .	. .
NONE	5144 62.57	2875 37.12	2842 39.06	2777 38.44	13638 44.76
LAP BELT	1288 15.67	2357 30.43	2143 29.45	2252 31.17	8040 26.39
LAP&SHLDR BELT	1179 14.34	1891 24.42	1655 22.75	1616 22.37	6341 20.81
CHILD RESTRAINT	610 7.42	622 8.03	636 8.74	579 8.01	2447 8.03
TOTAL	8221 26.98	7745 25.42	7276 23.88	7224 23.71	30466 100.00

RACE2((124) RACE - CENTER FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	311502 .	335849 .	342175 .	360685 .	. .
NOT STATED	252 .	103 .	75 .	72 .	. .
WHITE	6243 73.07	6025 73.22	5661 72.78	5666 72.74	23595 72.96
BLACK	2083 24.38	1966 23.89	1851 23.80	1825 23.43	7725 23.89
INDIAN	127 1.49	148 1.80	157 2.02	139 1.78	571 1.77
OTHER	91 1.07	90 1.09	109 1.40	159 2.04	449 1.39
TOTAL	8544 26.42	8229 25.45	7778 24.05	7789 24.08	32340 100.00

SEX2((125) SEX - CENTER FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	311502 .	335849 .	342175 .	360685 .	. .
NOT STATED	249 .	105 .	78 .	74 .	. .
MALE	4248 49.70	4147 50.41	3946 50.75	4085 52.46	16426 50.80
FEMALE	4299 50.30	4080 49.59	3829 49.25	3702 47.54	15910 49.20
TOTAL	8547 26.43	8227 25.44	7775 24.04	7787 24.08	32336 100.00

AGE2((126) AGE - CENTER FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	311502 .	335849 .	342175 .	360685 .	. .
NOT STATED	811 .	657 .	614 .	585 .	. .
INFANT - 1 YR	470 5.89	421 5.49	443 6.12	374 5.14	1708 5.66
02 - 04 YRS	1235 15.47	1243 16.20	1203 16.62	1285 17.66	4966 16.46
05 - 10 YRS	1213 15.19	1187 15.47	1033 14.27	1067 14.66	4500 14.91
11 - 14 YRS	640 8.02	587 7.65	523 7.22	547 7.52	2297 7.61
15 YRS	340 4.26	287 3.74	287 3.96	281 3.86	1195 3.96
16 YRS	361 4.52	315 4.10	353 4.88	307 4.22	1336 4.43
17 YRS	319 3.99	282 3.67	330 4.56	256 3.52	1187 3.93
18 YRS	275 3.44	259 3.37	250 3.45	274 3.77	1058 3.51
19 YRS	236 2.96	231 3.01	205 2.83	243 3.34	915 3.03
20 YRS	228 2.86	219 2.85	207 2.86	191 2.63	845 2.80
21 - 25 YRS	866 10.85	846 11.02	732 10.11	775 10.65	3219 10.67
26 - 30 YRS	548 6.86	566 7.37	530 7.32	488 6.71	2132 7.07
31 - 35 YRS	354 4.43	336 4.38	323 4.46	329 4.52	1342 4.45
36 - 45 YRS	410 5.13	402 5.24	393 5.43	403 5.54	1608 5.33
46 - 55 YRS	207 2.59	212 2.76	169 2.33	221 3.04	809 2.68
56 - 65 YRS	155 1.94	154 2.01	127 1.75	137 1.88	573 1.90
66 - 75 YRS	91 1.14	88 1.15	84 1.16	65 0.89	328 1.09
76 - 85 YRS	31 0.39	34 0.44	42 0.58	24 0.33	131 0.43
86+ YRS	6 0.08	6 0.08	5 0.07	9 0.12	26 0.09
TOTAL	7985 26.46	7675 25.43	7239 23.99	7276 24.11	30175 100.00

INJ3((127) INJURY - RIGHT FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	223524 .	241052 .	246142 .	259918 .	.
NOT STATED	248 .	391 .	388 .	423 .	.
NO INJURY	71047 73.60	77129 75.07	77165 74.56	80365 74.27	305706 74.39
C TYPE INJURY	13835 14.33	15163 14.76	15768 15.24	17372 16.05	62138 15.12
B TYPE INJURY	7528 7.80	6815 6.63	6909 6.68	6921 6.40	28173 6.86
A TYPE INJURY	3866 4.01	3362 3.27	3391 3.28	3298 3.05	13917 3.39
KILLED	250 0.26	269 0.26	265 0.26	249 0.23	1033 0.25
TOTAL	96526 23.49	102738 25.00	103498 25.18	108205 26.33	410967 100.00

BELT3((128) RESTRAINT USE - RIGHT FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	223524 .	241052 .	246142 .	259918 .	.
NOT STATED	678 .	775 .	765 .	672 .	.
UNKNOWN	1785 .	2443 .	2827 .	3215 .	.
HELMET	56 .	64 .	58 .	42 .	.
NONE	41356 43.88	13591 13.61	14602 14.57	14258 13.62	83807 21.00
LAP BELT	5522 5.86	6597 6.61	5100 5.09	4406 4.21	21625 5.42
LAP&SHLDR BELT	45768 48.56	77729 77.85	78552 78.37	83746 79.99	285795 71.62
CHILD RESTRAINT	1609 1.71	1930 1.93	1982 1.98	2289 2.19	7810 1.96
TOTAL	94255 23.62	99847 25.02	100236 25.12	104699 26.24	399037 100.00

RACE3((129) RACE - RIGHT FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	223524 .	241052 .	246142 .	259918 .	. .
NOT STATED	455 .	455 .	424 .	386 .	. .
WHITE	69758 72.42	74067 72.14	74091 71.61	77085 71.22	295001 71.83
BLACK	24862 25.81	26729 26.03	27176 26.27	28698 26.51	107465 26.17
INDIAN	819 0.85	898 0.87	939 0.91	838 0.77	3494 0.85
OTHER	880 0.91	980 0.95	1256 1.21	1621 1.50	4737 1.15
TOTAL	96319 23.45	102674 25.00	103462 25.19	108242 26.36	410697 100.00

SEX3((130) SEX - RIGHT FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	223524 .	241052 .	246142 .	259918 .	. .
NOT STATED	454 .	438 .	404 .	351 .	. .
MALE	45992 47.75	48560 47.29	48892 47.25	51042 47.14	194486 47.35
FEMALE	50328 52.25	54131 52.71	54590 52.75	57235 52.86	216284 52.65
TOTAL	96320 23.45	102691 25.00	103482 25.19	108277 26.36	410770 100.00

AGE3((131) AGE - RIGHT FRONT)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	223524 .	241052 .	246142 .	259918 .	. .
NOT STATED	3215 .	3150 .	3154 .	3424 .	. .
INFANT - 1 YR	747 0.80	949 0.95	976 0.97	1054 1.00	3726 0.93
02 - 04 YRS	2807 3.00	3147 3.15	3218 3.19	3543 3.37	12715 3.18
05 - 10 YRS	5031 5.38	5467 5.47	5700 5.66	6127 5.82	22325 5.59
11 - 14 YRS	5600 5.99	5872 5.87	5720 5.68	6122 5.82	23314 5.84
15 YRS	4189 4.48	4288 4.29	4068 4.04	4067 3.87	16612 4.16
16 YRS	4828 5.16	5292 5.29	5084 5.05	4770 4.53	19974 5.00
17 YRS	4456 4.76	4947 4.95	5212 5.17	4918 4.67	19533 4.89
18 YRS	4242 4.53	4422 4.42	4799 4.76	4880 4.64	18343 4.59
19 YRS	3903 4.17	3956 3.96	4127 4.10	4328 4.11	16314 4.08
20 YRS	3809 4.07	3882 3.88	3858 3.83	4011 3.81	15560 3.90
21 - 25 YRS	14540 15.54	15074 15.08	14764 14.66	14989 14.25	59367 14.86
26 - 30 YRS	9140 9.77	9996 10.00	9768 9.70	10587 10.06	39491 9.89
31 - 35 YRS	6026 6.44	6482 6.48	6880 6.83	7438 7.07	26826 6.72
36 - 45 YRS	8356 8.93	9398 9.40	9542 9.47	10341 9.83	37637 9.42
46 - 55 YRS	5500 5.88	5902 5.90	5826 5.78	6282 5.97	23510 5.89
56 - 65 YRS	5185 5.54	5232 5.23	5357 5.32	5501 5.23	21275 5.33
66 - 75 YRS	3523 3.77	3857 3.86	3926 3.90	4158 3.95	15464 3.87
76 - 85 YRS	1454 1.55	1562 1.56	1637 1.63	1832 1.74	6485 1.62
86+ YRS	223 0.24	254 0.25	270 0.27	256 0.24	1003 0.25
TOTAL	93559 23.42	99979 25.03	100732 25.22	105204 26.34	399474 100.00

INJ4((132) INJURY - LEFT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	302458 .	325054 .	331033 .	348830 .	.
NOT STATED	48 .	83 .	100 .	75 .	.
NO INJURY	14097 79.23	15067 79.12	14894 78.83	15413 78.47	59471 78.90
C TYPE INJURY	2133 11.99	2372 12.46	2517 13.32	2759 14.05	9781 12.98
B TYPE INJURY	1032 5.80	1082 5.68	1011 5.35	1018 5.18	4143 5.50
A TYPE INJURY	495 2.78	478 2.51	426 2.25	421 2.14	1820 2.41
KILLED	35 0.20	45 0.24	47 0.25	30 0.15	157 0.21
TOTAL	17792 23.61	19044 25.27	18895 25.07	19641 26.06	75372 100.00

BELT4((133) RESTRAINT USE - LEFT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	302458 .	325054 .	331033 .	348830 .	.
NOT STATED	178 .	255 .	276 .	223 .	.
UNKNOWN	356 .	548 .	707 .	796 .	.
HELMET	12 .	21 .	12 .	4 .	.
NONE	9070 52.45	6779 37.04	6768 37.60	7189 38.46	29806 41.23
LAP BELT	4249 24.57	6251 34.15	6220 34.56	6206 33.20	22926 31.71
LAP&SHLDR BELT	2644 15.29	3606 19.70	3233 17.96	3457 18.49	12940 17.90
CHILD RESTRAINT	1331 7.70	1667 9.11	1779 9.88	1841 9.85	6618 9.15
TOTAL	17294 23.92	18303 25.32	18000 24.90	18693 25.86	72290 100.00

RACE4((134) RACE - LEFT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	302458 .	325054 .	331033 .	348830 .	. .
NOT STATED	122 .	135 .	135 .	109 .	. .
WHITE	11501 64.91	12014 63.26	11995 63.60	12187 62.16	47697 63.45
BLACK	5828 32.89	6520 34.33	6316 33.49	6834 34.85	25498 33.92
INDIAN	180 1.02	194 1.02	215 1.14	174 0.89	763 1.01
OTHER	209 1.18	264 1.39	334 1.77	412 2.10	1219 1.62
TOTAL	17718 23.57	18992 25.26	18860 25.09	19607 26.08	75177 100.00

SEX4((135) SEX - LEFT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	302458 .	325054 .	331033 .	348830 .	. .
NOT STATED	120 .	135 .	127 .	108 .	. .
MALE	9081 51.25	9663 50.88	9553 50.63	9963 50.81	38260 50.89
FEMALE	8639 48.75	9329 49.12	9315 49.37	9645 49.19	36928 49.11
TOTAL	17720 23.57	18992 25.26	18868 25.09	19608 26.08	75188 100.00

AGE4((136) AGE - LEFT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	302458 .	325054 .	331033 .	348830 .	. .
NOT STATED	742 .	812 .	831 .	923 .	. .
INFANT - 1 YR	577 3.37	710 3.88	812 4.47	792 4.21	2891 3.99
02 - 04 YRS	2176 12.73	2474 13.51	2635 14.51	2604 13.86	9889 13.66
05 - 10 YRS	3393 19.84	3697 20.19	3842 21.15	3961 21.08	14893 20.58
11 - 14 YRS	2033 11.89	2196 11.99	2026 11.15	2228 11.86	8483 11.72
15 YRS	962 5.63	912 4.98	833 4.59	892 4.75	3599 4.97
16 YRS	867 5.07	871 4.76	871 4.80	806 4.29	3415 4.72
17 YRS	599 3.50	689 3.76	724 3.99	758 4.03	2770 3.83
18 YRS	598 3.50	635 3.47	647 3.56	685 3.64	2565 3.54
19 YRS	514 3.01	520 2.84	484 2.66	564 3.00	2082 2.88
20 YRS	470 2.75	460 2.51	422 2.32	473 2.52	1825 2.52
21 - 25 YRS	1541 9.01	1510 8.24	1368 7.53	1429 7.60	5848 8.08
26 - 30 YRS	853 4.99	918 5.01	840 4.62	886 4.71	3497 4.83
31 - 35 YRS	515 3.01	525 2.87	521 2.87	539 2.87	2100 2.90
36 - 45 YRS	623 3.64	747 4.08	733 4.04	739 3.93	2842 3.93
46 - 55 YRS	480 2.81	517 2.82	463 2.55	498 2.65	1958 2.71
56 - 65 YRS	440 2.57	469 2.56	479 2.64	441 2.35	1829 2.53
66 - 75 YRS	324 1.89	326 1.78	315 1.73	303 1.61	1268 1.75
76 - 85 YRS	118 0.69	117 0.64	131 0.72	172 0.92	538 0.74
86+ YRS	15 0.09	22 0.12	18 0.10	23 0.12	78 0.11
TOTAL	17098 23.63	18315 25.31	18164 25.10	18793 25.97	72370 100.00

INJ5((137) INJURY - CENTER REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	312917 .	336663 .	342688 .	360782 .	.
NOT STATED	21 .	37 .	37 .	47 .	.
NO INJURY	5906 80.24	6005 80.27	5851 80.12	6137 79.53	23899 80.03
C TYPE INJURY	797 10.83	847 11.32	856 11.72	964 12.49	3464 11.60
B TYPE INJURY	431 5.86	419 5.60	397 5.44	429 5.56	1676 5.61
A TYPE INJURY	204 2.77	194 2.59	182 2.49	174 2.25	754 2.53
KILLED	22 0.30	16 0.21	17 0.23	13 0.17	68 0.23
TOTAL	7360 24.65	7481 25.05	7303 24.46	7717 25.84	29861 100.00

BELT5((138) RESTRAINT USE - CENTER REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	312917 .	336663 .	342688 .	360782 .	.
NOT STATED	74 .	105 .	117 .	109 .	.
UNKNOWN	151 .	267 .	283 .	341 .	.
HELMET	8 .	17 .	14 .	5 .	.
NONE	4281 59.89	3356 47.08	3136 45.28	3283 44.92	14056 49.30
LAP BELT	1343 18.79	1929 27.06	1930 27.87	2085 28.53	7287 25.56
LAP&SHLDR BELT	717 10.03	893 12.53	861 12.43	887 12.14	3358 11.78
CHILD RESTRAINT	807 11.29	951 13.34	999 14.42	1054 14.42	3811 13.37
TOTAL	7148 25.07	7129 25.00	6926 24.29	7309 25.63	28512 100.00

RACE5((139) RACE - CENTER REAR)

*** OCC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	312917 .	336663 .	342688 .	360782 .	. .
NOT STATED	54 .	57 .	70 .	63 .	. .
WHITE	4753 64.87	4766 63.88	4601 63.29	4862 63.13	18982 63.79
BLACK	2379 32.47	2483 33.28	2430 33.43	2596 33.71	9888 33.23
INDIAN	87 1.19	87 1.17	89 1.22	72 0.93	335 1.13
OTHER	108 1.47	125 1.68	150 2.06	171 2.22	554 1.86
TOTAL	7327 24.62	7461 25.07	7270 24.43	7701 25.88	29759 100.00

SEX5((140) SEX - CENTER REAR)

*** OCC FREQ ***

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	312917 .	336663 .	342688 .	360782 .	. .
NOT STATED	54 .	55 .	70 .	64 .	. .
MALE	3776 51.54	3647 48.87	3590 49.38	3799 49.34	14812 49.77
FEMALE	3551 48.46	3816 51.13	3680 50.62	3901 50.66	14948 50.23
TOTAL	7327 24.62	7463 25.08	7270 24.43	7700 25.87	29760 100.00

AGE5((141) AGE - CENTER REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	312917 .	336663 .	342688 .	360782 .	. .
NOT STATED	384 .	497 .	465 .	480 .	. .
INFANT - 1 YR	408 5.83	475 6.77	519 7.55	547 7.51	1949 6.92
02 - 04 YRS	1309 18.71	1378 19.63	1388 20.19	1536 21.09	5611 19.91
05 - 10 YRS	1657 23.68	1698 24.18	1712 24.90	1875 25.74	6942 24.64
11 - 14 YRS	834 11.92	757 10.78	786 11.43	809 11.11	3186 11.31
15 YRS	345 4.93	328 4.67	265 3.85	251 3.45	1189 4.22
16 YRS	295 4.22	289 4.12	270 3.93	274 3.76	1128 4.00
17 YRS	242 3.46	260 3.70	248 3.61	235 3.23	985 3.50
18 YRS	219 3.13	177 2.52	196 2.85	228 3.13	820 2.91
19 YRS	177 2.53	151 2.15	154 2.24	163 2.24	645 2.29
20 YRS	143 2.04	157 2.24	122 1.77	141 1.94	563 2.00
21 - 25 YRS	468 6.69	475 6.77	403 5.86	404 5.55	1750 6.21
26 - 30 YRS	258 3.69	241 3.43	209 3.04	223 3.06	931 3.30
31 - 35 YRS	146 2.09	154 2.19	150 2.18	141 1.94	591 2.10
36 - 45 YRS	206 2.94	176 2.51	183 2.66	194 2.66	759 2.69
46 - 55 YRS	99 1.41	121 1.72	115 1.67	99 1.36	434 1.54
56 - 65 YRS	104 1.49	94 1.34	74 1.08	79 1.08	351 1.25
66 - 75 YRS	61 0.87	65 0.93	58 0.84	59 0.81	243 0.86
76 - 85 YRS	23 0.33	20 0.28	20 0.29	22 0.30	85 0.30
86+ YRS	3 0.04	5 0.07	3 0.04	4 0.05	15 0.05
TOTAL	6997 24.83	7021 24.92	6875 24.40	7284 25.85	28177 100.00

INJ6((142) INJURY - RIGHT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	298432 .	320330 .	326140 .	343346 .	. .
NOT STATED	78 .	139 .	124 .	99 .	. .
NO INJURY	17200 78.94	18801 79.29	18701 78.69	19714 78.54	74416 78.86
C TYPE INJURY	2679 12.30	3053 12.88	3281 13.81	3541 14.11	12554 13.30
B TYPE INJURY	1319 6.05	1283 5.41	1238 5.21	1272 5.07	5112 5.42
A TYPE INJURY	556 2.55	532 2.24	506 2.13	527 2.10	2121 2.25
KILLED	34 0.16	43 0.18	38 0.16	47 0.19	162 0.17
TOTAL	21788 23.09	23712 25.13	23764 25.18	25101 26.60	94365 100.00

BELT6((143) RESTRAINT USE - RIGHT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	298432 .	320330 .	326140 .	343346 .	. .
NOT STATED	199 .	361 .	342 .	290 .	. .
UNKNOWN	417 .	685 .	880 .	1007 .	. .
HELMET	5 .	6 .	12 .	5 .	. .
NONE	11330 53.33	8804 38.61	8968 39.59	9535 39.90	38637 42.65
LAP BELT	5280 24.85	7837 34.37	7660 33.81	7872 32.94	28649 31.62
LAP&SHLDR BELT	2871 13.51	4081 17.90	3884 17.14	4120 17.24	14956 16.51
CHILD RESTRAINT	1764 8.30	2077 9.11	2142 9.46	2371 9.92	8354 9.22
TOTAL	21245 23.45	22799 25.17	22654 25.01	23898 26.38	90596 100.00

RACE6((144) RACE - RIGHT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	298432 .	320330 .	326140 .	343346 .	. .
NOT STATED	158 .	212 .	188 .	169 .	. .
WHITE	14065 64.79	15132 64.01	15120 63.80	15754 62.94	60071 63.85
BLACK	7174 33.05	7968 33.71	7949 33.54	8554 34.17	31645 33.64
INDIAN	199 0.92	220 0.93	240 1.01	207 0.83	866 0.92
OTHER	270 1.24	319 1.35	391 1.65	516 2.06	1496 1.59
TOTAL	21708 23.07	23639 25.13	23700 25.19	25031 26.61	94078 100.00

SEX6((145) SEX - RIGHT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	298432 .	320330 .	326140 .	343346 .	. .
NOT STATED	154 .	209 .	179 .	172 .	. .
MALE	11118 51.21	11831 50.04	11987 50.56	12577 50.25	47513 50.50
FEMALE	10594 48.79	11811 49.96	11722 49.44	12451 49.75	46578 49.50
TOTAL	21712 23.08	23642 25.13	23709 25.20	25028 26.60	94091 100.00

AGE6((146) AGE - RIGHT REAR)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	1986	1987	1988	1989	TOTAL
NOT OCCUPIED	298432 .	320330 .	326140 .	343346 .	. .
NOT STATED	876 .	1037 .	1051 .	1121 .	. .
INFANT - 1 YR	845 4.03	958 4.20	1033 4.52	1032 4.29	3868 4.26
02 - 04 YRS	2414 11.50	2725 11.94	2759 12.08	3131 13.00	11029 12.16
05 - 10 YRS	3520 16.77	3975 17.42	4033 17.66	4244 17.63	15772 17.39
11 - 14 YRS	2398 11.42	2576 11.29	2678 11.73	2771 11.51	10423 11.49
15 YRS	1191 5.67	1281 5.61	1137 4.98	1187 4.93	4796 5.29
16 YRS	1125 5.36	1182 5.18	1126 4.93	1131 4.70	4564 5.03
17 YRS	843 4.02	995 4.36	986 4.32	993 4.12	3817 4.21
18 YRS	790 3.76	821 3.60	943 4.13	948 3.94	3502 3.86
19 YRS	646 3.08	670 2.94	660 2.89	707 2.94	2683 2.96
20 YRS	572 2.73	584 2.56	557 2.44	640 2.66	2353 2.59
21 - 25 YRS	1994 9.50	2019 8.85	1913 8.38	2004 8.32	7930 8.74
26 - 30 YRS	1160 5.53	1157 5.07	1145 5.01	1229 5.10	4691 5.17
31 - 35 YRS	691 3.29	766 3.36	813 3.56	841 3.49	3111 3.43
36 - 45 YRS	883 4.21	1035 4.54	1008 4.41	1132 4.70	4058 4.47
46 - 55 YRS	587 2.80	681 2.99	689 3.02	695 2.89	2652 2.92
56 - 65 YRS	608 2.90	652 2.86	614 2.69	615 2.55	2489 2.74
66 - 75 YRS	499 2.38	500 2.19	475 2.08	489 2.03	1963 2.16
76 - 85 YRS	193 0.92	203 0.89	231 1.01	246 1.02	873 0.96
86+ YRS	31 0.15	34 0.15	37 0.16	44 0.18	146 0.16
TOTAL	20990 23.14	22814 25.15	22837 25.17	24079 26.54	90720 100.00

ALLINJ(INJURY - ALL SEATING POSITIONS)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	3215 .	3967 .	4003 .	4017 .	.
NO INJURY	333771 74.31	362021 75.58	363556 75.23	380800 75.26	1440148 75.11
C TYPE INJURY	60913 13.56	66167 13.81	69532 14.39	75170 14.86	271782 14.17
B TYPE INJURY	34060 7.58	31962 6.67	31793 6.58	32076 6.34	129891 6.77
A TYPE INJURY	18756 4.18	17246 3.60	16828 3.48	16488 3.26	69318 3.62
KILLED	1639 0.36	1590 0.33	1580 0.33	1457 0.29	6266 0.33
TOTAL	449139 23.42	478986 24.98	483289 25.21	505991 26.39	1917405 100.00

ALLBELT(BELT - ALL SEATING POSITIONS)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	8159 .	7992 .	7660 .	7019 .	.
UNKNOWN	10300 .	13027 .	15141 .	17133 .	.
HELMET	1406 .	2012 .	1741 .	1642 .	.
NONE	182563 42.21	74101 16.11	76799 16.60	76008 15.70	409471 22.26
LAP BELT	39118 9.04	49261 10.71	43296 9.36	41181 8.50	172856 9.40
LAP&SHLDR BELT	204665 47.32	329280 71.59	335086 72.41	358867 74.11	1227898 66.76
CHILD RESTRAINT	6139 1.42	7277 1.58	7560 1.63	8155 1.68	29131 1.58
TOTAL	432485 23.51	459919 25.00	462741 25.16	484211 26.32	1839356 100.00

ALLRACE(RACE - ALL SEATING POSITIONS)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	4948 .	4587 .	4184 .	3922 .	.
WHITE	328899 73.51	350285 73.23	352792 73.03	367286 72.57	1399262 73.07
BLACK	110840 24.77	119430 24.97	120410 24.92	127733 25.24	478413 24.98
INDIAN	3628 0.81	3917 0.82	4046 0.84	3659 0.72	15250 0.80
OTHER	4039 0.90	4734 0.99	5860 1.21	7408 1.46	22041 1.15
TOTAL	447406 23.36	478366 24.98	483108 25.23	506086 26.43	1914966 100.00

ALLSEX(SEX - ALL SEATING POSITIONS)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	4892 .	4547 .	4084 .	3843 .	.
MALE	258678 57.81	275038 57.49	275338 56.98	286403 56.58	1095457 57.20
FEMALE	188784 42.19	203368 42.51	207870 43.02	219762 43.42	819784 42.80
TOTAL	447462 23.36	478406 24.98	483208 25.23	506165 26.43	1915241 100.00

ALLAGE(AGE - ALL SEATING POSITIONS)

*** OCC FREQ ***

* * * * *

FREQUENCY COL PCT	86	87	88	89	TOTAL
NOT STATED	7084 .	7329 .	7339 .	7869 .	.
INFANT - 1 YR	3087 0.69	3576 0.75	3843 0.80	3845 0.77	14351 0.75
02 - 04 YRS	10135 2.28	11150 2.34	11434 2.38	12262 2.44	44981 2.36
05 - 10 YRS	15483 3.48	16812 3.53	17008 3.54	17949 3.57	67252 3.53
11 - 14 YRS	12322 2.77	12791 2.69	12521 2.61	13123 2.61	50757 2.67
15 YRS	7774 1.75	7763 1.63	7244 1.51	7326 1.46	30107 1.58
16 YRS	19986 4.49	21142 4.45	20067 4.18	18803 3.74	79998 4.20
17 YRS	18836 4.23	20658 4.34	21290 4.44	19870 3.96	80654 4.24
18 YRS	18357 4.12	19394 4.08	20731 4.32	21378 4.26	79860 4.20
19 YRS	17780 3.99	18155 3.82	18711 3.90	20052 3.99	74698 3.93
20 YRS	17015 3.82	17572 3.69	17321 3.61	18342 3.65	70250 3.69
21 - 25 YRS	73660 16.54	76204 16.02	74002 15.42	75385 15.01	299251 15.73
26 - 30 YRS	52455 11.78	56354 11.85	56554 11.78	59920 11.93	225283 11.84
31 - 35 YRS	40057 9.00	43413 9.13	44456 9.26	47683 9.50	175609 9.23
36 - 45 YRS	54928 12.34	60730 12.77	62786 13.08	68553 13.65	246997 12.98
46 - 55 YRS	32305 7.26	35227 7.41	36172 7.54	39284 7.82	142988 7.51
56 - 65 YRS	26947 6.05	28300 5.95	28466 5.93	29752 5.93	113465 5.96
66 - 75 YRS	16951 3.81	18417 3.87	18991 3.96	19762 3.94	74121 3.89
76 - 85 YRS	6411 1.44	7046 1.48	7400 1.54	7936 1.58	28793 1.51
86+ YRS	781 0.18	920 0.19	956 0.20	914 0.18	3571 0.19
TOTAL	445270 23.40	475624 24.99	479953 25.22	502139 26.39	1902986 100.00

Appendix

Code Numbers for North Carolina Cities by County

<u>00 ALAMANCE (7)</u>	0645 Washington	1113 Hickory (Cata)
0003 Alamance	0650 Washington Park	1115 Hildebran
0005 Burlington		1120 Longview (Cata)
0010 Elon College	<u>07 BERTIE (01)</u>	1125 Morganton
0015 Gibsonville	0705 Askewville	1130 Rhodhiss (Cald)
(Guilford)	0710 Aulander	1132 Rutherford College
0020 Graham	0715 Colerain	1135 Valdese
0023 Haw River	0720 Kelford	
0025 Mebane (Orange)	0725 Lewiston/Woodville	<u>12 CABARRUS (10)</u>
	0730 Powellsville	1205 Concord
<u>01 ALEXANDER (12)</u>	0735 Roxobel	1207 Harrisburg
0105 Taylorsville	0740 Windsor	1210 Kannapolis
	0745 Woodville	(Rowan)
<u>02 ALLEGHANY (11)</u>		1214 Mount Pleasant
0205 Sparta	<u>08 BLADEN (06)</u>	
	0805 Bladenboro	<u>13 CALDWELL (11)</u>
<u>03 ANSON (10)</u>	0810 Clarkton	1305 Blowing Rock
0305 Ansonville	0815 Council	(Watauga)
0310 Lilesville	0820 Dublin	1306 Cahah's
0315 McFarlan	0823 East Arcadia	Mountain
0320 Morven	0825 Elizabethtown	1307 Gamewell
0325 Peachland	0830 Tar Heel	1310 Granite Falls
0330 Polkton	0835 White Lake	1315 Hudson
0335 South Wadesboro		1320 Lenoir
0340 Wadesboro	<u>09 BRUNSWICK (03)</u>	1325 *Mortimer
	0903 Bald Head Island	1330 Patterson
<u>04 ASHE (11)</u>	0904 Belville	1335 Rhodhiss
0405 Jefferson	0905 Boiling Springs	(Burke)
0410 Lansing	0910 Bolivia	1340 Sawmill
0415 Todd (Watauga)	0912 Calabash	
0420 Warrensville	0913 Caswell Beach	<u>14 CAMDEN (01)</u>
0420 West Jefferson	0915 Holden Beach	1410 Elizabeth City
	0920 Long Beach	(Pasquotank)
<u>05 AVERY (11)</u>	0921 Longwood	
0505 Banner Elk	0923 Navassa	<u>15 CARTERET (02)</u>
(Watauga)	0925 Ocean Isle Beach	1503 Atlantic
0507 Beech Mountain	0927 Shady Forest	1505 Atlantic Beach
0510 Crossnore	0930 Shallotte	1510 Beaufort
0515 Elk Park	0935 Southport	1515 Cape Carteret
0518 Linville	0940 Sunset Beach	1517 Cedar Point
0520 Newland	0945 Yaupon Beach	1520 Emerald Isle
0523 Seven Devils		1522 Harkers Island
(Watauga)	<u>10 BUNCOMBE (13)</u>	1523 Indian Beach
0525 Sugar Mountain	1003 Alexander	1525 Morehead City
(Watauga)	1005 Asheville	1530 Newport
	1010 Biltmore Forest	1535 Pine Knoll Shore
<u>06 BEAUFORT (02)</u>	1015 Black Mountain	
0605 Aurora	1020 Jupiter	<u>16 CASWELL (07)</u>
0610 Bath	1025 Montreat	1603 Leasburg
0615 Belhaven	1030 Weaverville	1605 Milton
0620 Chocowinity	1035 Woodfin	1610 Providence
0625 Edward		1615 Yanceyville
0630 Pantego	<u>11 BURKE (13)</u>	(Forsythe)
0635 Pinetown	1105 Drexel	
0640 South Creek	1110 Glen Alpine	

<u>17 CATAWBA (12)</u>	2425 New Bern	3210 Conetoe
1705 Brookford	2427 River Bend	3212 Lawrence
1710 Catawba	2430 Trent Woods	3213 Leggett
1715 Claremont	2435 Vanceboro	3215 Macclesfield
1720 Conover		3217 Mildred
1723 Hickory (Burke)	<u>25 CUMBERLAND (06)</u>	3218 Old Sparta
1724 Hiddenite	2505 Falcon (Sampson)	3220 Pinetops
1725 Longview (Burke)	2510 Fayetteville	3225 Princeville
1730 Maiden (Lincoln)	2515 Godwin	3230 Rocky Mount (Nash)
1735 Newton	2520 Hope Mills	3233 Saint Louis
	2525 Linden	3235 Sharpsburg (Nash)
<u>18 CHATHAM (08)</u>	2530 Spring Lake	3240 Speed
1805 Goldston	2535 Stedman	3245 Tarboro
1807 Haywood	2538 Vander	3250 Whitakers (Nash)
1810 Pittsboro	2540 Wade	
1815 Siler City		<u>33 FORSYTH (09)</u>
<u>19 CHEROKEE (14)</u>	<u>26 CURRITUCK (01)</u>	3302 Bethania
1905 Andrews	2605 Moyock	3303 Germanton
1910 Culberson		3304 Clemmons
1915 Murphy	<u>27 DARE (01)</u>	3305 Kernersville
	2703 Hatteras	3306 King
<u>20 CHOWAN (01)</u>	2705 Kill Devil Hills	3307 Rural Hall
2005 Edenton	2708 Kitty Hawk	3308 Vienna
	2710 Manteo	3309 Walkertown
<u>21 CLAY (14)</u>	2715 Nags Head	3310 Winston-Salem
2105 Hayesville	2720 Southern Shores	3315 Yanceyville (Caswell)
	<u>28 DAVIDSON (09)</u>	<u>34 FRANKLIN (05)</u>
<u>22 CLEVELAND (12)</u>	2805 Denton	3405 Bunn
2203 Belwood	2810 High Point (Guilford)	3410 Centerville
2205 Boiling Springs	2815 Lexington	3415 Franklinton
2207 Casar	2820 Thomasville	3420 Louisburg
2208 Fallston		3425 Youngsville
2209 Earl	<u>29 DAVIE (09)</u>	
2210 Grover	2905 Advance	<u>35 GASTON (12)</u>
2215 Kings Mountain (Gaston)	2907 Cooleemee	3505 Belmont
2220 Latimore	2910 Mocksville	3510 Bessemer City
2225 Lawndale		3515 Cherryville
2226 Mooresboro	<u>30 DUPLIN (03)</u>	3520 Cramerton
2228 Polkville	3005 Beaulaville	3525 Dallas
2229 Patterson Spring	3010 Calypso	3530 Dellview
2230 Shelby	3013 Chinquapin	3535 Gastonia
2235 Waco	3015 Faison	3537 High Shoals (Lincoln)
	3017 Greenevers	3540 Kings Mountain (Cleveland)
<u>23 COLUMBUS (06)</u>	3020 Harrells (Sampson)	3545 Lowell
2305 Acme	3025 Kenansville	3550 McAdenville
2310 Bolton	3030 Magnolia	3553 Mountain Island
2315 Brunswick	3035 Mount Olive (Wayne)	3555 Mount Holly
2320 Cerro Gordo	3040 Rose Hill	3560 Ranlo
2325 Chadbourn	3043 Sarecta	3565 Spencer Mountain
2330 Fair Bluff	3045 Teachays	3570 Stanley
2333 Hallsboro	3050 Wallace	
2335 lake Waccamaw	3055 Warsaw	<u>36 GATES (01)</u>
2340 Tabor City		3603 Gates
2345 Whiteville	<u>31 DURHAM (05)</u>	3605 Gatesville
	3105 Chapel Hill	
<u>24 CRAVEN (02)</u>	3110 Durham	<u>37 GRAHAM (14)</u>
2405 Bridgeton		3705 Robbinsville
2410 Cove City	<u>32 EDGEcombe (04)</u>	
2415 Dover	3205 Battleboro	
2420 Havelock	3207 Coakley	

<u>38 GRANVILLE (05)</u>	<u>44 HENDERSON (14)</u>	<u>53 LENOIR (02)</u>
3805 Butner	4402 Flat Rock	5303 Grainger
3810 Creedmoor	4404 Fletcher	5305 Grifton (Pitt)
3815 Oxford	4405 Hendersonville	5310 Kinston
3820 Stem	4410 Laurel Park	5315 La Grange
3825 Stovall		5320 Pink Hill
3830 Virgilina	<u>45 HERTFORD (01)</u>	
	4505 Ahoskie	<u>54 LINCOLN (12)</u>
<u>39 GREENE (02)</u>	4508 Cofield	5403 High Shoals
3903 Contentnea	4510 Como	(Gaston)
3905 Hookerton	4515 Harrellsville	5405 Lincolnton
3907 Jason	4520 Murfreesboro	5410 Maiden
3910 Maury	4525 Winton	(Catawba)
3913 Scuffleton		
3915 Snow Hill	<u>46 HOKE (08)</u>	<u>55 MACON (14)</u>
3920 Walstonburg	4605 Dundarrach	5505 Franklin
	4610 Raeford	5510 Highlands (Jackson)
<u>40 GUILFORD (07)</u>	<u>47 HYDE (01)</u>	
4003 Archdale (Randolph)		<u>56 MADISON (13)</u>
4005 Gibsonville		5605 Hot Springs
(Alamance)		5610 Mars Hill
4010 Greensboro	<u>48 IREDELL (12)</u>	5615 Marshall
4015 Guilford College	4803 Davidson	
4020 High Point	4805 Harmony	<u>57 MARTIN (01)</u>
(Davidson)	4810 Love Valley	5705 Bear Grass
(Randolph)	4815 Mooresville	5710 Everetts
4025 Jamestown	4820 Statesville	5715 Gold Point
4030 Stokesdale	4825 Troutman	5720 Hamilton
4035 Summerfield		5725 Hassell
	<u>49 JACKSON (14)</u>	5730 Jamesville
<u>41 HALIFAX (04)</u>	4905 Cashiers	5735 Oak City
4105 Enfield	4907 Cullowhee	5740 Parmele
4110 Halifax	4910 Dillsboro	5745 Robersonville
4115 Hobgood	4911 Glenville	5750 Williamston
4117 Hollister	4912 Highlands (Macon)	
4120 Littleton (Warren)	4913 Indian Hill	<u>58 MCDOWELL (13)</u>
4125 Palmyra	4915 Sylva	5805 Marion
4127 Ringwood	4920 Webster	5810 Old Fort
4130 Roanoke Rapids		
4135 Scotland Neck	<u>50 JOHNSTON (04)</u>	<u>59 MECKLENBURG (10)</u>
4137 Tillery	5005 Benson	5905 Charlotte
4140 Weldon	5010 Clayton	5910 Cornelius
	5015 Four Oaks	5915 Davidson
<u>42 HARNETT (06)</u>	5020 Kenly (Wilson)	(Iredell)
4205 Angier	5025 Micro	5920 Huntersville
4207 Broadway (Lee)	5030 Pine Level	5925 Matthews
4210 Bunnlevel	5035 Princeton	5927 Mint Hill
4215 Coats	5040 Selma	5930 Pineville
4220 Dunn	5045 Smithfield	
4225 Erwin	5050 Wilson Mills	<u>60 MITCHELL (13)</u>
4230 Lillington		6005 Bakersville
<u>43 HAYWOOD (14)</u>	<u>51 JONES (02)</u>	6010 Spruce Pines
4305 Canton	5105 Maysville	
4310 Clyde	5110 Pollocksville	<u>61 MONTGOMERY (08)</u>
4315 Hazelwood	5115 Trenton	6105 Biscoe
4217 Maggie Valley		6110 Candor
4320 Waynesville	<u>52 LEE (08)</u>	6115 Mount Gilead
	5205 Broadway	6120 Star
	(Harnett)	6125 Troy
	5208 Lemon Spring	
	5210 Sanford	
	5215 Swanns	

62 MOORE (08)

6205 Aberdeen
6210 Cameron
6215 Carthage
6216 Foxfire Village
6218 Jackson Springs
6220 Pinebluff
6225 Pinehurst
6230 Robbins
6235 Southern Pines
6238 Taylortown
6240 Vass
6245 Whispering Pines

63 NASH (04)

6305 Baileys
6310 Battleboro
(Edgecombe)
6315 Castalia
6317 Dortches
6320 Middlesex
6325 Nashville
6330 Red Oak
6335 Rocky Mount
(Edgecombe)
6340 Sharpsburg
(Edgecombe)
(Wilson)
6345 Spring Hope
6350 Whitakers
(Edgecombe)

64 NEW HANOVER (03)

6405 Carolina Beach
6410 Kure Beach
6415 Wilmington
6420 Wrightsville Beach

65 NORTHAMPTON (01)

6505 Conway
6510 Garysburg
6515 Gaston
6520 Jackson
6525 Lasker
6530 Margarettsville
6535 Milwaukee
6540 Rich Square
6545 Seaboard
6550 Severn
6555 Woodland

66 ONSLOW (03)

6605 Chadwick Acres
6610 Holly Ridge
6615 Jacksonville
6620 Richlands
6625 Swansboro

67 ORANGE (07)

6705 Carrboro
6710 Chapel Hill
(Durham)
6715 Hillsborough
6720 Mebane (Alamance)

68 PAMLICO (02)

6803 Alliance
6805 Arapahoe
6810 Bayboro
6813 Hollyville
6815 Oriental
6816 Mesic
6817 Minnesott Beach
6820 Stonewall
6825 Vandemere

69 PASQUOTANK (01)

6905 Elizabeth City

70 PENDER (03)

7005 Atkinson
7010 Burgaw
7013 Hampstead
7014 Saint Helena
7015 Surf City
7020 Topsail Beach
7025 Watha

71 PERQUIMANS (01)

7105 Hertford
7110 Winfall

72 PERSON (05)

7205 Roxboro

73 PITT (02)

7305 Ayden
7310 Bethel
7313 Hampstead
7315 Falkland
7320 Farmville
7325 Fountain
7330 Greenville
7335 Grifton (Lenoir)
7340 Grimesland
7343 Simpson
7345 Winterville

74 POLK (14)

7405 Columbus
7410 Saluda
7415 Tryon

75 RANDOLPH (08)

7505 Archdale (Guilford)
7510 Asheboro
7513 Central Fall
7515 Franklinville
7520 High Point
(Guilford)

7525 Liberty
7530 Ramseur
7535 Randleman
7540 Seagrove
7545 Staley
7550 Trinity

76 RICHMOND (08)

7603 Dobbins Heights
7605 Ellerbe
7610 Hamlet
7615 Hoffman
7618 Norman
7620 Rockingham

77 ROBESON (06)

7705 Fairmont
7710 Lumber Bridge
7715 Lumberton
7729 Marietta
7725 Maxton (Scotland)
7730 McDonalds
7735 Orrum
7740 Parkton
7745 Pembroke
7750 Proctorville
7753 Raynham
7755 Red Springs
7757 Rennert
7760 Rowland
7765 Saint Pauls

78 ROCKINGHAM (07)

7805 Daper
7810 Eden
7815 Leaksville
7820 Madison
7825 Mayodan
7830 Reidsville
7835 Spray
7840 Stoneville

79 ROWAN (09)

7905 China Grove
7910 Cleveland
7915 East Spencer
7917 Enochville
7920 Faith
7923 Gold Hill
7925 Granite Quarry
7930 Kannapolis
(Cabarrus)
7935 Landis
7940 Rockwell
7945 Salisbury
7950 Spencer

80 RUTHERFORD (13)

8005 Alexander Mills
8010 Bostic
8012 Caroleen
8014 Cliffside
8015 Ellenboro
8020 Forest City
8025 Lake Lure
8030 Ruth
8035 Rutherfordton
8040 Spindale

81 SAMPSON (03)

8105 Autryville
8110 Clinton
8113 Falcon
8115 Garland
8120 Harrells (Duplin)
8125 Newton Grove
8130 Parkersburg
8135 Roseboro
8140 Salemburg
8145 Turkey

82 SCOTLAND (08)

8205 East Laurinburg
8210 Gibson
8213 Hasty
8215 Laurinburg
8217 Maxton (Robeson)
8220 Wagram

83 STANLY (10)

8305 Albemarle
8308 Locust
8310 New London
8315 Norwood
8320 Oakboro
8325 Richfield
8330 Stanfield

84 STOKES (09)

8405 Danbury
8408 Germantown
8409 King (Forsyth)
8410 Walnut Cove

85 SURRY (11)

8505 Dobson
8510 Elkin (Wilkes)
8515 Mount Airy
8520 Pilot Mountain
8525 Rockford

86 SWAIN (14)

8605 Bryson City
8610 Cherokee

87 TRANSYLVANIA (14)

8705 Brevard
8710 Rosman

88 TYRRELL (01)

8805 Columbia

89 UNION (10)

8905 Indian Trail
8910 Marshville
8915 Monroe
8917 Stallings
8918 Unionville
8920 Waxhaw
8922 Weddington
8923 Wedton
8925 Wingate

90 VANCE (05)

9005 Henderson
9010 Kittrell
9015 Middleburg
9020 Williamsboro

91 WAKE (05)

9105 Apex
9110 Cary
9115 Fuquay Varina
9120 Garner
9125 Holly Springs
9130 Knightdale
9135 Morrisville
9140 Raleigh
9145 Rolesville
9150 Wake Forest
9155 Wendell
9160 Zebulon

92 WARREN (05)

9205 Littleton
9210 Macon
9215 Norlina
9220 Warrenton

93 WASHINGTON (01)

9305 Creswell
9310 Plymouth
9315 Roper

94 WATAUGA (11)

9403 Beech Mountain
9405 Blowing Rock
(Caldwell)
9410 Boone
9413 Seven Devils
(Avery)
9414 Sugar Mountain
(Avery)
9415 Todd

95 WAYNE (04)

9505 Dudley
9510 Eureka
9515 Fremont
9520 Goldsboro
9525 Mount Olive
(Duplin)
9537 Patetown
9530 Pikeville
9533 Walnut Creek
9535 Seven Springs

96 WILKES (11)

9605 Elkin (Surry)
9610 North Wilkesboro
9615 Ronda
9620 Wilkesboro

97 WILSON (04)

9705 Black Creek
9710 Elm City
9715 Lucama
9717 Kenly
9720 Saratoga
9725 Sharpsburg
9730 Sims
9735 Stantonsburg
9740 Wilson

98 YADKIN (11)

9805 Arlington
9810 Boonville
9815 East Bend
9817 Hamptonville
9818 Huntsville
9820 Jonesville
9825 Smithtown
9830 Yadkinville

99 YANCEY (13)

9905 Burnsville