



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

# Highway Safety Performance-1986 **Fatal and Injury Accident Rates on Public Roads in the United States**

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**April 1988**



PB98-158413

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Prepared by the Offices of  
Highway Safety and Highway  
Information Management

Publication Number  
FHWA-SA-88-007

A report of the Secretary of  
Transportation to the United  
States Congress pursuant to  
Section 207 of the Surface  
Transportation Assistance Act of  
1982 (P.L. 97-424)

REPRODUCED BY:  
U.S. Department of Commerce  
National Technical Information Service  
Springfield, Virginia 22161

**NTIS**

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## FOREWORD

This report was prepared pursuant to Section 207 of the Surface Transportation Assistance Act of 1982 (P.L. 97-424) which reads as follows:

Sec. 207. The Secretary of Transportation shall prepare, publish, and submit to Congress not later than December 31 of each calendar year beginning after December 31, 1982, a report on the highway safety performance of each State in the preceding calendar year. Such report shall provide data on highway fatalities and injuries and motor vehicle accidents involving fatalities and injuries and travel in urban areas of each State for each system of highways and in rural areas of such State for each system of highways. Such report shall be in such form and contain such other information on highway accidents as will permit an evaluation and comparison of highway safety performance of the States. For purposes of this section (1) the systems of highways in a State are the Federal-Aid primary system, the Federal-Aid secondary system, the Federal-Aid urban system, and the Interstate System (as such terms are defined in section 101 of Title 23, United States Code) and the other highways in such State which are not on the Federal-Aid system, and (2) the terms "State," "rural areas," and "urban area" have the meaning such terms have under such section 101.

This is the fifth report to Congress under Section 207. The reports contain an extension of a series of statistical data published annually since 1967 by the Federal Highway Administration (FHWA) as "Fatal and Injury Accident Rates on Federal-Aid and Other Highway Systems." The series has been a cooperative effort of the FHWA's Offices of Traffic Operations, Highway Safety, and Highway Information Management. The Office of Highway Information Management is the former Office of Highway Planning, Highway Statistics Division. The States have provided the data for this series through the Highway Performance Monitoring System (HPMS), and its predecessors, administered by the Office of Highway Information Management. Data from the Fatal Accident Reporting System (FARS) administered by the National Highway Traffic Safety Administration (NHTSA) have been used to verify and supplement the HPMS data.

HIGHWAY SAFETY PERFORMANCE - 1986

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U.S. DEPARTMENT OF TRANSPORTATION  
Federal Highway Administration  
Washington, D.C. 20590

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SECTION I--INTRODUCTION

A. Purpose of Report

In response to the Congressional direction given in the Surface Transportation Assistance Act of 1982, this report provides motor vehicle traffic accident data which may be used, together with other relevant information, in evaluating and comparing the highway safety performance of the States. It is not the purpose of this report to present either a detailed analysis of the data or a completed evaluation or comparison of State highway safety performance. The text of the report is primarily technical detail and background information which may assist those who analyze or interpret the statistical tables and graphs.

B. Terminology

It is customary, when drafting legislation, to begin with definitions. These serve to introduce terms which are not in common use and to clarify the intended meaning of familiar terms which may be ambiguous. Interpretation of laws is greatly facilitated by the use of carefully defined terminology. Similarly, the interpretation of statistics is dependent upon an understanding of the terminology used in the collection and processing of the data. Such an understanding is particularly important when statistics from two or more sources are combined or compared. For this reason, an explanation of pertinent terminology precedes the statistical data in this report.

The two primary sources for the definitions which follow are Section 101 of Title 23 of the United States Code and the Manual on Classification of Motor Vehicle Traffic Accidents (ANSI D16.1-1983). It should be recognized that the accident data in this report have been collected and processed by thousands of persons in State and local agencies and that deviations from the standard definitions are not unusual. Most of the deviations are relatively minor, but some are not. Users of accident statistics should be constantly alert to the fact that statistical differences may reflect differences in terminology rather than differences in accident experience.

Terms used in this report are defined as follows:

A motor vehicle traffic accident is an accident involving a motor vehicle in use within the right-of-way or other boundaries of a trafficway open for the use of the public.

An injury is any bodily harm received by a person in a motor vehicle traffic accident.

A fatal injury is any injury that results in death.

A nonfatal injury is any injury other than a fatal injury.

A fatal accident is a motor vehicle traffic accident resulting in one or more fatal injuries.

A nonfatal injury accident is a motor vehicle traffic accident that results in one or more injuries, but no fatal injuries.

A fatality is the death of any person who suffers a fatal injury. For its statistics on motor vehicle traffic fatalities, the Department of Transportation uses a 30-day counting rule, including only those deaths which occur within 30 days of the fatal injury. Approximately two percent of traffic fatalities occur later.

A nonfatally injured person is one who suffers a nonfatal injury in either a fatal accident or a nonfatal injury accident.

Vehicle miles are the miles of travel by all types of motor vehicles, as determined by the State highway departments on the basis of actual traffic counts and established estimating procedures.

The fatal accident rate, nonfatal injury accident rate, fatality rate, and nonfatal injury rate are, respectively, the number of fatal accidents, nonfatal injury accidents, fatalities, and nonfatally injured persons per 100 million vehicle miles of travel.

An urban highway is any road or street within the boundaries of an urban area. An urban area is an area including and adjacent to a municipality or urban place with 5,000 or more population. The boundaries of urban areas are fixed by the State highway departments, subject to the approval of the Federal Highway Administration, for purposes of the Federal-Aid highway program.

A rural highway is any road or street which is not an urban highway.

Travel density is the average number of vehicle miles driven on a section of highway each day divided by the length of the section in miles. It is expressed as a number of vehicles and may be referred to as average daily traffic (ADT).

The provisional rate-density relationship is the relationship between fatality rates and average daily traffic. It is based on data for the 4-year period preceding the calendar year for which detailed data are reported. It is labelled "provisional" to make it clear that it is to be used as a guide rather than a standard. A provisional rate-density relationship may be described graphically or mathematically by a rate-density curve.

A provisional range for a given period of time is based on a provisional rate-density relationship and the volume of travel. The provisional range indicates--for an appropriate volume of travel--the amount of deviation from fatality rates on a rate-density curve which might be expected if the deviation were random.



The characteristics of the functional classes of highways referred to in this compilation of statistical data are briefly described as follows:

Arterial highways serve major traffic movements or major traffic corridors. While they may provide access to abutting land, their primary function is to serve traffic moving through the area.

Local highways are those roads and streets whose principal function is to provide direct access to abutting land.

Collector highways are those highways which link local highways to arterial highways.

The characteristics of the several Federal-Aid highway systems referred to in this report are briefly described as follows:

Federal-Aid Primary, Secondary, and Urban highway systems are those for which Federal-Aid highway matching funds may be spent by the State.

The Federal-Aid Primary system is a system of connected main roads important to interstate, statewide, and regional travel, consisting of rural arterial routes and their extensions into or through urban areas.

The Interstate System is a part of the Federal-Aid Primary system. It is a system of freeways (i.e., expressways with fully controlled access) connecting and serving the principal cities of the United States.

The Federal-Aid Secondary system consists of rural major collector routes.

The Federal-Aid Urban system consists of urban arterial and collector routes, exclusive of urban extensions of the Federal-Aid Primary system.

The fatality statistics in this report differ somewhat from those reported elsewhere. For its motor vehicle traffic fatality statistics, the Department of Transportation (DOT) uses a 30-day counting rule.<sup>1/</sup> Under this rule, deaths resulting from an accident are counted only if they occur within 30 days of the accident. Traffic fatalities are listed by the time and place of the fatal accident. Similar statistics published by the National Center for Health Statistics (NCHS) are listed by the time of death and place of residence of the deceased, using a 12-month counting rule.

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<sup>1/</sup> Federal Highway Administration/National Highway Traffic Safety Administration; "Highway Fatality Counting Rule"; Federal Register, Volume 43, No. 191; pp. 45486-45487; October 2, 1978.

Another difference in the reporting of fatalities which result from motor vehicle accidents is the treatment of deaths resulting from nontraffic accidents. Examples of motor vehicle nontraffic accidents are those which occur in the driveways of private homes or in other locations outside the rights-of-way or other boundaries of roads which are open for public use. Annual motor vehicle fatality figures for the United States reported by NCHS and the National Safety Council (NSC) generally include about a thousand nontraffic fatalities--deaths which are not included in DOT reports.

The number of nonfatally injured persons is also counted in a variety of ways. In this publication the number of injured persons is the number reported by police. The NSC, for comparability with injuries from industrial and other accidents, reports the number of persons disabled beyond the day of the accident. Another approach is taken in the National Health Survey by the Bureau of Census. In the National Health Survey, the estimated number of injuries is based on responses to household interviews. National Health Survey injury figures tend to be about twice as high as those reported by NSC. The police-reported figures used in this publication are midway between the others.

### C. Highway Safety Performance in 1986

The traffic accident statistics for 1986 show an increase of about 2,200 fatalities, over 1985. A disproportionate share of these fatalities occurred on non-Federal-Aid collector and local highways. The fatality rate per 100 million vehicle miles of travel was 2.51, which was higher than the record low set in 1985.

Table 1 contains travel and accident data by highway system for the United States. It is a summary of the detailed data contained in Tables 2 through 6. Estimates have been included where data reported by the States were incomplete. Six states--Florida, Indiana, Massachusetts, Missouri, North Carolina and Vermont, and the District of Columbia--were unable to submit complete data in time for inclusion in this report. Only Massachusetts failed to submit data for 1984 and 1985; Vermont failed to submit data for 1985; Missouri and North Carolina failed to submit nonfatal injury accident data for all highway systems.

The data permit comparison of numbers and rates (per 100 million vehicle miles) for accidents and casualties on Federal-Aid and other highway systems. Fatality rates are substantially lower on the Interstate System than on any other highway system and about one-fifth of all highway travel in the United States occurs on the Interstate System.

Table 2 contains a summary of travel and accident data, including pedestrian data, by State. The data are presented in greater detail in Tables 3 through 6. The number of pedestrians injured, fatally or nonfatally, are reported for each State together with pedestrian injury rates.

**TABLE 1. U.S. VEHICLE-MILE RATES BY HIGHWAY SYSTEM - 1986**

| HIGHWAY SYSTEM                       | HIGHWAY MILES <sup>2/</sup> | VEHICLE MILES (MILLIONS) <sup>2/</sup> | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |                    | NONFATAL INJURY ACCIDENTS <sup>4/</sup> |                    | FATALITIES |                    | NONFATAL PERSONS <sup>4/</sup> |                    |
|--------------------------------------|-----------------------------|--|------------------------------|-----------------|--------------------|---|--------------------|------------|--------------------|--------------------------------|--------------------|
|                                      |                             |  |                              | NUMBER          | RATE <sup>3/</sup> | NUMBER                                  | RATE <sup>3/</sup> | NUMBER     | RATE <sup>3/</sup> | NUMBER                         | RATE <sup>3/</sup> |
| INTERSTATE (ARTERIAL)                | 32,784                      | 159,477                                | 13,327                       | 1,808           | 1.13               | 36,858                                  | 23.11              | 2,112      | 1.32               | 58,889                         | 36.93              |
| RURAL                                | 11,060                      | 231,177                                | 57,266                       | 1,908           | 0.83               | 107,472                                 | 46.49              | 2,139      | 0.93               | 162,138                        | 70.14              |
| URBAN                                | 43,844                      | 390,654                                | 24,411                       | 3,716           | 0.95               | 144,330                                 | 36.95              | 4,251      | 1.09               | 221,027                        | 56.58              |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| OTHER FEDERAL-AID PRIMARY (ARTERIAL) | 226,416                     | 286,046                                | 3,461                        | 8,570           | 3.00               | 194,552                                 | 68.01              | 10,171     | 3.56               | 326,992                        | 114.31             |
| RURAL                                | 32,973                      | 251,425                                | 20,891                       | 4,014           | 1.60               | 317,042                                 | 126.10             | 4,408      | 1.75               | 489,457                        | 194.67             |
| URBAN                                | 259,389                     | 537,471                                | 5,677                        | 12,584          | 2.34               | 511,594                                 | 95.19              | 14,579     | 2.71               | 816,449                        | 151.51             |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| FEDERAL-AID URBAN                    | 90,461                      | 326,528                                | 9,889                        | 7,351           | 2.25               | 569,489                                 | 174.41             | 7,931      | 2.43               | 863,633                        | 264.49             |
| ARTERIAL                             | 55,660                      | 70,812                                 | 3,486                        | 1,292           | 1.82               | 107,365                                 | 151.62             | 1,380      | 1.95               | 155,235                        | 219.22             |
| COLLECTOR                            | 146,121                     | 397,340                                | 7,450                        | 8,643           | 2.18               | 676,854                                 | 170.35             | 9,311      | 2.34               | 1,018,868                      | 256.42             |
| TOTAL (ALL URBAN)                    |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| FEDERAL-AID SECONDARY (COLLECTOR)    | 397,914                     | 157,351                                | 1,083                        | 5,814           | 3.69               | 164,824                                 | 104.75             | 6,653      | 4.23               | 257,912                        | 163.91             |
| TOTAL (ALL RURAL)                    |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| NON-FEDERAL-AID ARTERIAL             | 2,547                       | 4,102                                  | 4,412                        | 102             | 2.49               | 1,761                                   | 42.93              | 133        | 3.24               | 3,196                          | 77.91              |
| RURAL                                | 8,643                       | 24,024                                 | 7,615                        | 400             | 1.67               | 19,041                                  | 79.26              | 437        | 1.82               | 29,268                         | 121.83             |
| URBAN                                | 11,190                      | 28,126                                 | 6,886                        | 502             | 1.78               | 20,802                                  | 73.96              | 570        | 2.03               | 32,464                         | 115.42             |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| NON-FEDERAL-AID COLLECTOR            | 329,799                     | 50,767                                 | 422                          | 1,752           | 3.45               | 80,784                                  | 159.13             | 1,969      | 3.88               | 120,468                        | 237.30             |
| RURAL                                | 19,290                      | 19,709                                 | 2,799                        | 309             | 1.57               | 20,024                                  | 101.60             | 332        | 1.68               | 28,708                         | 145.66             |
| URBAN                                | 349,089                     | 70,476                                 | 553                          | 2,061           | 2.92               | 100,808                                 | 143.04             | 2,301      | 3.26               | 149,176                        | 211.67             |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| NON-FEDERAL-AID LOCAL                | 2,188,664                   | 92,332                                 | 116                          | 4,276           | 4.63               | 197,678                                 | 214.09             | 4,711      | 5.10               | 292,598                        | 316.85             |
| RURAL                                | 483,327                     | 164,490                                | 932                          | 3,465           | 2.11               | 436,810                                 | 265.55             | 3,680      | 2.24               | 621,146                        | 377.62             |
| URBAN                                | 2,671,991                   | 256,822                                | 263                          | 7,742           | 3.01               | 634,488                                 | 247.05             | 8,391      | 3.27               | 913,704                        | 355.77             |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| ALL FEDERAL-AID                      | 657,114                     | 602,874                                | 2,514                        | 16,192          | 2.69               | 396,234                                 | 65.72              | 18,936     | 3.14               | 643,793                        | 106.79             |
| RURAL                                | 190,154                     | 879,942                                | 12,678                       | 14,565          | 1.66               | 1,101,368                               | 123.16             | 15,958     | 1.80               | 1,670,463                      | 189.84             |
| URBAN                                | 847,268                     | 1,482,816                              | 4,795                        | 30,757          | 2.07               | 1,497,602                               | 101.00             | 34,794     | 2.35               | 2,314,256                      | 156.07             |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| ALL NON-FEDERAL-AID                  | 2,521,010                   | 147,201                                | 160                          | 6,130           | 4.16               | 280,223                                 | 190.37             | 6,813      | 4.63               | 416,222                        | 282.76             |
| RURAL                                | 511,260                     | 208,223                                | 1,116                        | 4,175           | 2.01               | 475,875                                 | 228.54             | 4,449      | 2.14               | 679,122                        | 326.15             |
| URBAN                                | 3,032,270                   | 355,424                                | 321                          | 10,305          | 2.90               | 756,098                                 | 212.73             | 11,262     | 3.17               | 1,095,344                      | 308.18             |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| NON-INTERSTATE                       | 3,145,340                   | 590,598                                | 514                          | 20,514          | 3.47               | 639,599                                 | 108.30             | 23,637     | 4.00               | 1,001,126                      | 169.51             |
| RURAL                                | 690,354                     | 856,988                                | 3,401                        | 16,832          | 1.96               | 1,465,771                               | 171.50             | 18,168     | 2.12               | 2,187,447                      | 255.25             |
| URBAN                                | 3,835,694                   | 1,447,586                              | 1,034                        | 37,346          | 2.58               | 2,109,370                               | 145.72             | 41,805     | 2.89               | 3,188,573                      | 220.27             |
| TOTAL                                |                             |  |                              |                 |                    |   |                    |            |                    |                                |                    |
| TOTAL RURAL                          | 3,178,124                   | 750,075                                | 647                          | 22,322          | 2.98               | 676,457                                 | 90.19              | 25,749     | 3.43               | 1,060,015                      | 141.32             |
| URBAN                                | 701,414                     | 1,088,165                              | 4,250                        | 18,740          | 1.72               | 1,577,243                               | 144.95             | 20,307     | 1.87               | 2,349,585                      | 215.92             |
| TOTAL                                | 3,879,538                   | 1,838,240                              | 1,298                        | 41,062          | 2.23               | 2,253,700                               | 122.60             | 46,056     | 2.51               | 3,409,600                      | 185.48             |

<sup>1/</sup> U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, AND VIRGIN ISLANDS. ESTIMATES FOR FATAL ACCIDENTS, FATALITIES, NONFATAL INJURY ACCIDENTS AND NONFATAL PERSONS ARE BASED ON THE PARTIAL DATA REPORTED BY STATES WHICH ARE DISPLAYED IN THE FOLLOWING TABLES. TOGETHER WITH TOTALS REPORTED BY MOST STATES.

<sup>2/</sup> MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1986. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1987 AND VEHICLE-MILES OF TRAVEL ARE FROM THE HPMS AREAWIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1987. FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR MAJOR HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-AID SYSTEM DATA WERE NOT REPORTED.

<sup>3/</sup> RATES ARE PER 100 MILLION VEHICLE MILES.

<sup>4/</sup> TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL PERSONS WERE ESTIMATED BY FHWA FOR THE DISTRICT OF COLUMBIA, FLORIDA, INDIANA, MASSACHUSETTS, MISSOURI, AND VERMONT.

TABLE 2. STATE ACCIDENT SUMMARY - 1986

| STATE          | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | FATAL ACCIDENTS |         | NONFATAL INJURY ACCIDENTS |         | FATALITIES |         | NONFATALITY INJURED PERSONS |         | FATALITY INJURED PEDESTRIANS |         | NONFATALITY INJURED PEDESTRIANS |         |
|----------------|---------------|--------------------------|-----------------|---------|---------------------------|---------|------------|---------|-----------------------------|---------|------------------------------|---------|---------------------------------|---------|
|                |               |                          | NUMBER          | RATE 1/ | NUMBER                    | RATE 1/ | NUMBER     | RATE 1/ | NUMBER                      | RATE 1/ | NUMBER                       | RATE 1/ | NUMBER                          | RATE 1/ |
| ALABAMA        | 87,979        | 34,003                   | 968             | 2.85    | 29,186                    | 85.83   | 1,081      | 3.18    | 42,530                      | 125.08  | 108                          | 0.32    | 823                             | 2.42    |
| ALASKA         | 13,639        | 4,008                    | 89              | 2.22    | 3,675                     | 91.69   | 101        | 2.52    | 5,432                       | 135.53  | 17                           | 0.42    | 159                             | 3.97    |
| ARIZONA        | 77,314        | 22,665                   | 886             | 3.51    | 26,034                    | 114.86  | 1,004      | 4.43    | 40,541                      | 178.87  | 166                          | 0.73    | 1,052                           | 4.64    |
| ARKANSAS       | 77,050        | 17,585                   | 523             | 2.98    | 8,680                     | 49.44   | 602        | 3.43    | 15,421                      | 87.84   | 67                           | 0.38    | 758                             | 4.32    |
| CALIFORNIA     | 175,092       | 214,913                  | 4,683           | 2.68    | 233,004                   | 108.42  | 5,253      | 2.44    | 347,331                     | 161.62  | 862                          | 0.40    | 17,600                          | 8.19    |
| COLORADO       | 75,312        | 26,382                   | 507             | 1.92    | 27,863                    | 105.61  | 603        | 2.29    | 41,409                      | 156.96  | 59                           | 0.22    | 1,116                           | 4.23    |
| CONNECTICUT    | 19,688        | 4,953                    | 427             | 1.78    | 35,367                    | 147.04  | 450        | 1.87    | 49,484                      | 205.73  | 78                           | 0.32    | 1,714                           | 7.13    |
| DELAWARE       | 5,332         | 3,782                    | 119             | 2.07    | 5,994                     | 104.03  | 136        | 2.36    | 8,991                       | 156.04  | 16                           | 0.28    | 298                             | 5.17    |
| DIST. OF COL.  | 1,102         | 3,297                    | 44              | 1.34    | 3/                        | 3/      | 44         | 1.34    | 3/                          | 3/      | 2/                           | 0.43    | 3/                              | 3/      |
| FLORIDA        | 99,072        | 87,252                   | 2,542           | 2.31    | 52,528                    | 93.13   | 2,831      | 2.64    | 80,646                      | 141.90  | 597                          | 0.68    | 3/                              | 3/      |
| GEORGIA        | 106,607       | 56,653                   | 1,376           | 2.52    | 7,254                     | 104.06  | 1,530      | 3.29    | 12,893                      | 184.95  | 216                          | 0.38    | 1,179                           | 2.07    |
| HAWAII         | 4,040         | 6,971                    | 111             | 1.55    | 104.06                    | 104.06  | 120        | 1.72    | 12,893                      | 184.95  | 28                           | 0.40    | 1,476                           | 6.83    |
| IDAHO          | 71,544        | 7,781                    | 220             | 2.82    | 7,187                     | 92.37   | 258        | 3.32    | 10,973                      | 141.02  | 17                           | 0.22    | 197                             | 2.53    |
| ILLINOIS       | 134,778       | 74,144                   | 1,449           | 1.95    | 122,950                   | 165.67  | 1,556      | 2.15    | 184,078                     | 248.27  | 269                          | 0.36    | 10,274                          | 13.86   |
| INDIANA        | 91,462        | 40,780                   | 933             | 2.28    | 18,522                    | 90.74   | 1,038      | 2.55    | 26,669                      | 130.65  | 98                           | 0.24    | 3/                              | 3/      |
| IOWA           | 112,498       | 20,413                   | 388             | 1.50    | 20,975                    | 105.82  | 500        | 2.52    | 32,150                      | 162.20  | 41                           | 0.21    | 1,269                           | 6.40    |
| KANSAS         | 132,642       | 19,821                   | 413             | 2.08    | 31,015                    | 105.82  | 500        | 2.52    | 46,860                      | 160.06  | 84                           | 0.29    | 1,578                           | 5.39    |
| KENTUCKY       | 69,595        | 29,252                   | 723             | 2.47    | 39,562                    | 132.49  | 895        | 3.12    | 65,386                      | 218.90  | 142                          | 0.48    | 1,024                           | 3.43    |
| LOUISIANA      | 58,229        | 29,881                   | 821             | 2.75    | 11,775                    | 117.49  | 212        | 2.12    | 87,123                      | 170.85  | 17                           | 0.17    | 438                             | 4.37    |
| MAINE          | 21,968        | 10,022                   | 190             | 1.90    | 10,883                    | 144.52  | 784        | 2.23    | 92,955                      | 235.61  | 125                          | 0.36    | 3,158                           | 8.97    |
| MARYLAND       | 27,738        | 35,208                   | 715             | 2.03    | 50,883                    | 147.53  | 719        | 2.21    | 152,377                     | 218.64  | 164                          | 0.40    | 3/                              | 3/      |
| MASSACHUSETTS  | 33,803        | 40,745                   | 677             | 1.66    | 106,266                   | 147.53  | 1,534      | 2.21    | 39,785                      | 117.65  | 236                          | 0.33    | 4,340                           | 6.03    |
| MICHIGAN       | 117,664       | 71,981                   | 1,431           | 1.99    | 27,578                    | 81.58   | 1,571      | 1.69    | 82,743                      | 129.70  | 78                           | 0.41    | 507                             | 2.84    |
| MINNESOTA      | 132,644       | 33,806                   | 505             | 1.49    | 13,167                    | 68.49   | 771        | 4.01    | 24,743                      | 156.91  | 113                          | 0.27    | 3/                              | 3/      |
| MISSISSIPPI    | 119,818       | 19,226                   | 670             | 3.48    | 13,167                    | 68.49   | 1,129      | 2.72    | 7,837                       | 101.29  | 24                           | 0.13    | 162                             | 2.09    |
| MISSOURI       | 119,398       | 41,571                   | 970             | 2.33    | 5,116                     | 66.12   | 230        | 2.30    | 19,818                      | 156.91  | 27                           | 0.34    | 633                             | 7.93    |
| MONTANA        | 71,706        | 7,737                    | 193             | 2.49    | 106.95                    | 106.95  | 233        | 2.92    | 15,067                      | 188.67  | 25                           | 0.32    | 983                             | 4.93    |
| NEBRASKA       | 92,199        | 12,630                   | 259             | 2.05    | 9,848                     | 123.32  | 1,039      | 1.88    | 147,023                     | 265.52  | 277                          | 0.50    | 7,993                           | 13.70   |
| NEVADA         | 44,438        | 7,986                    | 203             | 2.54    | 9,848                     | 123.32  | 233        | 2.92    | 24,344                      | 184.83  | 102                          | 0.77    | 7,950                           | 7.21    |
| NEW HAMPSHIRE  | 14,491        | 7,913                    | 162             | 2.05    | 7,301                     | 92.27   | 1,039      | 1.88    | 147,023                     | 265.52  | 277                          | 0.50    | 7,993                           | 13.70   |
| NEW JERSEY     | 34,040        | 55,350                   | 946             | 1.71    | 94,764                    | 171.21  | 1,039      | 1.88    | 24,344                      | 184.83  | 102                          | 0.77    | 7,950                           | 7.21    |
| NEW MEXICO     | 53,596        | 13,171                   | 436             | 3.31    | 15,965                    | 121.21  | 1,459      | 3.79    | 24,344                      | 184.83  | 102                          | 0.77    | 7,950                           | 7.21    |
| NEW YORK       | 110,136       | 94,716                   | 1,943           | 2.05    | 193,701                   | 204.51  | 2,115      | 2.23    | 281,914                     | 297.64  | 515                          | 0.54    | 23,125                          | 24.42   |
| NORTH CAROLINA | 93,630        | 52,866                   | 1,483           | 2.82    | 71,156                    | 134.60  | 1,647      | 3.12    | 113,191                     | 214.11  | 242                          | 0.46    | 2,974                           | 5.63    |
| NORTH DAKOTA   | 86,173        | 5,632                    | 88              | 1.56    | 3,673                     | 65.22   | 100        | 1.78    | 5,434                       | 96.48   | 4                            | 0.07    | 2,72                            | 2.72    |
| OHIO           | 113,288       | 81,348                   | 1,503           | 1.85    | 112,160                   | 137.88  | 1,673      | 2.06    | 179,854                     | 219.86  | 184                          | 0.23    | 4,482                           | 5.61    |
| OKLAHOMA       | 111,001       | 30,833                   | 605             | 1.96    | 22,461                    | 72.85   | 698        | 2.26    | 34,450                      | 111.73  | 65                           | 0.21    | 748                             | 2.43    |
| OREGON         | 94,578        | 25,741                   | 544             | 2.39    | 24,586                    | 108.11  | 619        | 2.72    | 38,737                      | 170.34  | 73                           | 0.32    | 902                             | 3.97    |
| PENNSYLVANIA   | 115,663       | 77,636                   | 1,710           | 2.20    | 98,006                    | 126.24  | 1,894      | 2.44    | 148,081                     | 190.74  | 238                          | 0.31    | 7,205                           | 9.28    |
| RHODE ISLAND   | 5,997         | 5,429                    | 115             | 2.12    | 7,942                     | 146.29  | 124        | 2.28    | 9,091                       | 167.45  | 32                           | 0.59    | 305                             | 5.62    |
| SOUTH CAROLINA | 63,296        | 28,250                   | 944             | 3.34    | 22,850                    | 80.88   | 1,059      | 3.75    | 34,689                      | 122.79  | 144                          | 0.51    | 1,117                           | 3.95    |
| SOUTH DAKOTA   | 73,468        | 6,238                    | 118             | 1.89    | 4,105                     | 65.81   | 134        | 2.15    | 6,008                       | 96.31   | 15                           | 0.24    | 1,165                           | 2.65    |
| TENNESSEE      | 83,851        | 35,521                   | 1,102           | 2.79    | 45,939                    | 116.24  | 1,230      | 3.11    | 68,004                      | 172.07  | 133                          | 0.34    | 1,425                           | 3.61    |
| TEXAS          | 285,962       | 148,348                  | 3,120           | 2.10    | 154,514                   | 104.16  | 3,567      | 2.40    | 231,120                     | 157.82  | 548                          | 0.37    | 6,276                           | 4.23    |
| UTAH           | 49,938        | 12,100                   | 277             | 2.29    | 13,794                    | 114.00  | 313        | 2.59    | 21,057                      | 174.02  | 46                           | 0.38    | 1,600                           | 13.22   |
| VERMONT        | 14,049        | 4,778                    | 91              | 1.90    | 3/                        | 3/      | 109        | 2.28    | 3/                          | 3/      | 2/                           | 0.17    | 3/                              | 3/      |
| VIRGINIA       | 65,802        | 51,726                   | 1,002           | 1.94    | 53,313                    | 103.07  | 1,126      | 2.18    | 80,937                      | 156.47  | 142                          | 0.27    | 2,059                           | 4.06    |
| WASHINGTON     | 80,478        | 35,993                   | 648             | 1.80    | 46,090                    | 128.05  | 703        | 1.95    | 66,707                      | 185.33  | 91                           | 0.25    | 1,800                           | 5.00    |
| WEST VIRGINIA  | 35,143        | 13,181                   | 386             | 2.93    | 17,559                    | 133.21  | 440        | 3.34    | 26,889                      | 204.00  | 35                           | 0.27    | 638                             | 4.84    |
| WISCONSIN      | 108,667       | 38,428                   | 651             | 1.69    | 41,551                    | 108.13  | 747        | 1.94    | 60,542                      | 157.55  | 63                           | 0.16    | 2,039                           | 5.31    |
| WYOMING        | 38,531        | 5,373                    | 148             | 2.72    | 3,266                     | 60.79   | 168        | 3.13    | 5,044                       | 93.88   | 11                           | 0.20    | 113                             | 2.10    |
| SUM 5/         | 3,879,538     | 1,838,240                | 41,062          | 2.23    | 1,962,937                 | 121.18  | 46,056     | 2.51    | 2,970,531                   | 183.39  | 6,771                        | 0.37    | 117,635                         | 7.26    |
| U. S. TOTAL 5/ | 3,879,538     | 1,838,240                | 41,062          | 2.23    | 2,253,700                 | 122.60  | 46,056     | 2.51    | 3,409,600                   | 185.48  | 6,771                        | 0.37    | 133,456                         | 7.26    |

ON A TOTAL TRAVEL OF 1,619,806 MILLION VEHICLE MILES FOR STATES REPORTING THIS DATA. 1/ PER 100 MILLION VEHICLE MILES. 2/ STATE'S TOTAL NOT SUBMITTED THROUGH HPMS; FARS DATA USED. 3/ DATA NOT REPORTED BY STATE. 4/ RATE CAN NOT BE COMPUTED. 5/ U.S. ESTIMATES ARE SHOWN ON PAGE 5. THE SUM REFLECTS THE TOTAL OF DATA SHOWN IN THIS TABLE. SEE FOOTNOTE 3. THE NONFATAL INJURY ACCIDENT, NONFATALITY INJURED PERSON, AND NONFATALITY INJURED PEDESTRIAN RATES ARE BASED ON THIS DATA. 6/ ESTIMATES OF FATAL ACCIDENTS, FATALITIES AND FATALITY INJURED PEDESTRIANS ARE BASED ON HPMS AND FARS DATA. ESTIMATES OF TRAVEL, INJURY ACCIDENTS, NONFATALITY INJURED PERSONS, AND NONFATALITY INJURED PEDESTRIANS WERE MADE BY FHWA.

#### D. National Trends

In the early 70's a safety goal was to achieve a national rate below 3 fatalities per 100 million vehicle miles by 1980. While the goal was not reached in 1980, traffic fatality rates in 1982 through 1986 were well below 3.

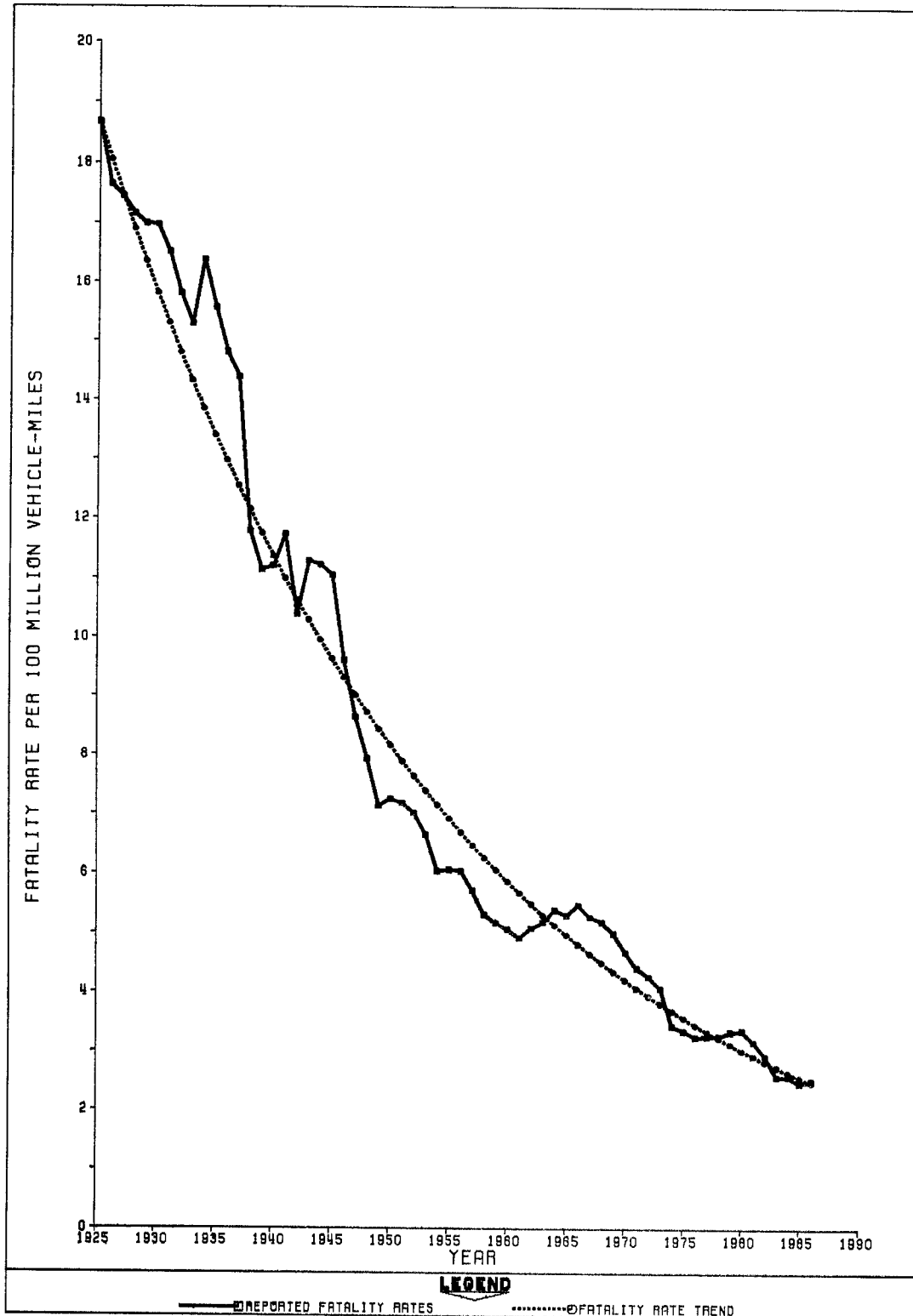
From a rate of more than 18 fatalities per 100 million vehicle miles in the mid-20's the average rate has gone down more than 3 percent per year to a rate slightly above 2.50.

Figures 2 and 3 graphically illustrate national traffic fatality and injury rate trends from 1967 through 1986 for Interstate and other highway systems. Fatality rate trends were gradually downward for all systems during this period. Although these trends were interrupted by relatively stable periods following a sharp drop in 1974, the downward movement resumed. Trends for reported injury rates have also been generally downward during the 1967-1986 period.

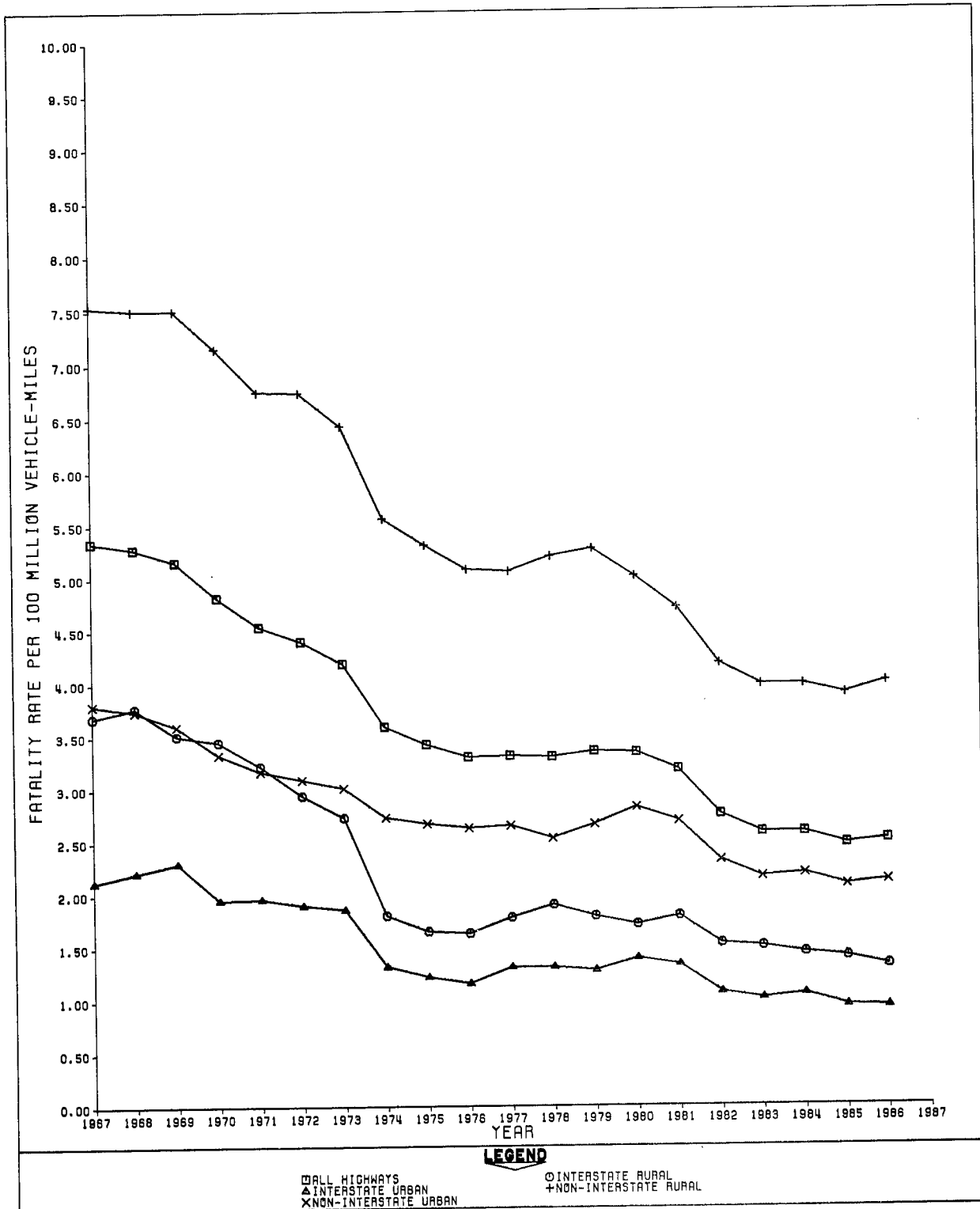
Figures 4 and 5 illustrate national fatality and injury rate trends from 1978 through 1986 by highway system. In the mid-70's, non-Interstate Federal-Aid highway systems were realigned by adopting functional classifications as the basis for assignment of highways to each system. As a result of these changes, trend data are only available for a short period for most systems. The time period covered in Figures 4 and 5 corresponds largely with the period of relative stability which is apparent in Figures 2 and 3. The disproportionate increase in fatalities in 1986 on non-Federal-Aid collector and local systems is reflected in the rates shown in Figure 4.

The 1967 through 1981 data used in Figures 3 through 6 were published in the annual Federal Highway Administration reports, "Fatal and Injury Accidents on Federal-Aid and Other Highway Systems."

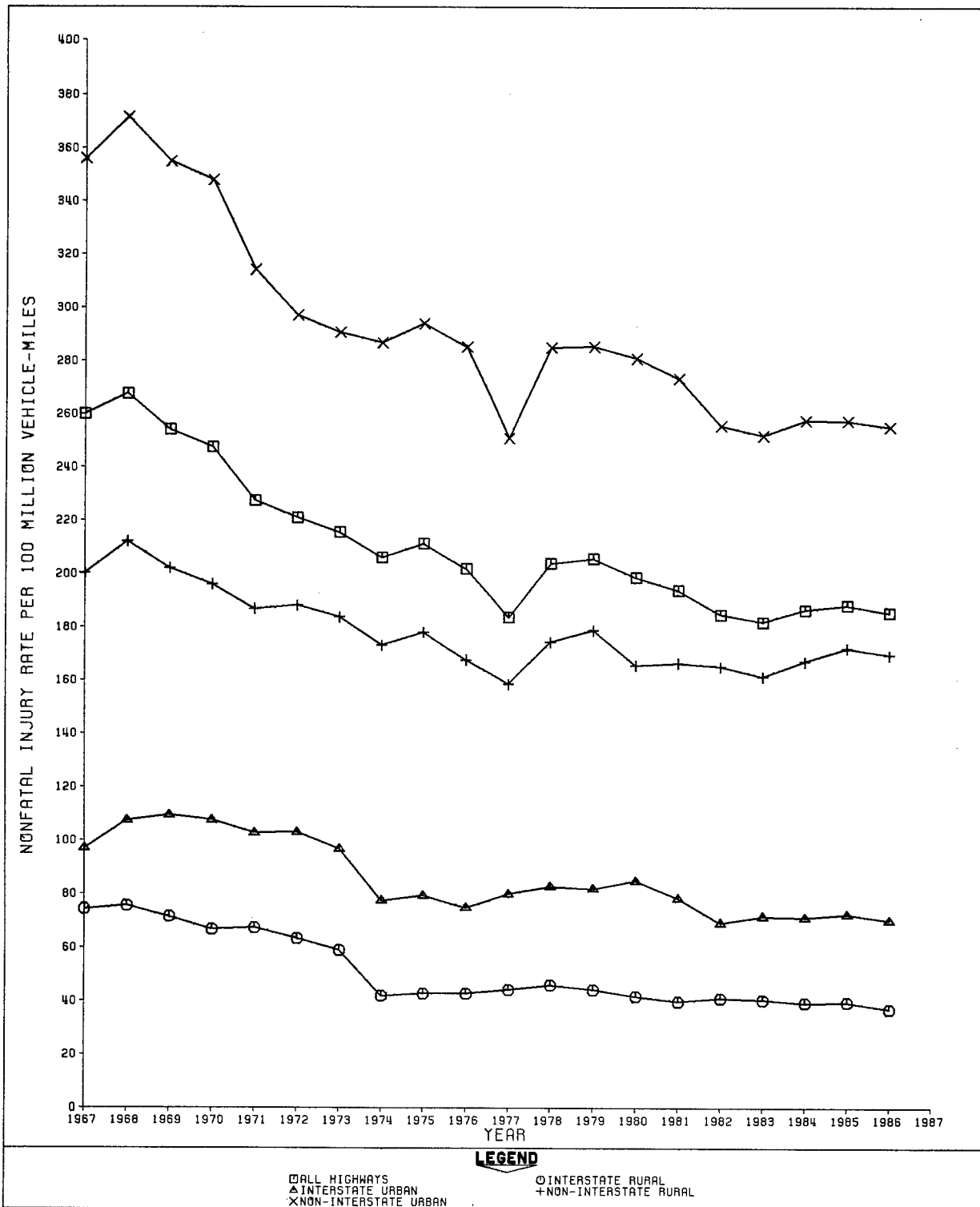
**FIGURE 1. U.S. MOTOR VEHICLE TRAFFIC FATALITY RATES  
(1925 - 1986)**



**FIGURE 2. U.S. FATALITY RATES  
FOR INTERSTATE AND OTHER  
HIGHWAY SYSTEMS (1967-1986)**

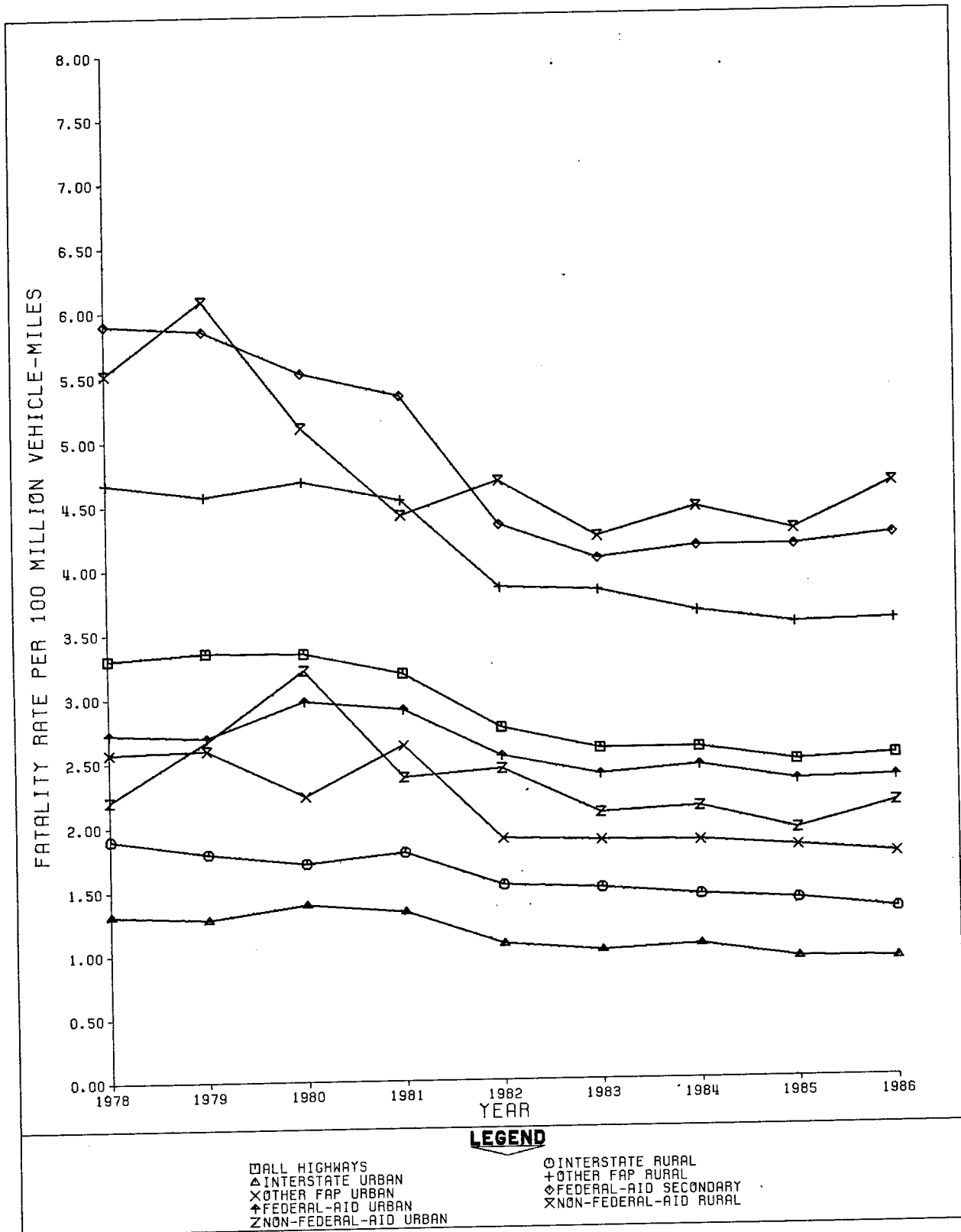


**FIGURE 3. U.S. INJURY RATES  
FOR INTERSTATE AND OTHER  
HIGHWAY SYSTEMS (1967 - 1986)**

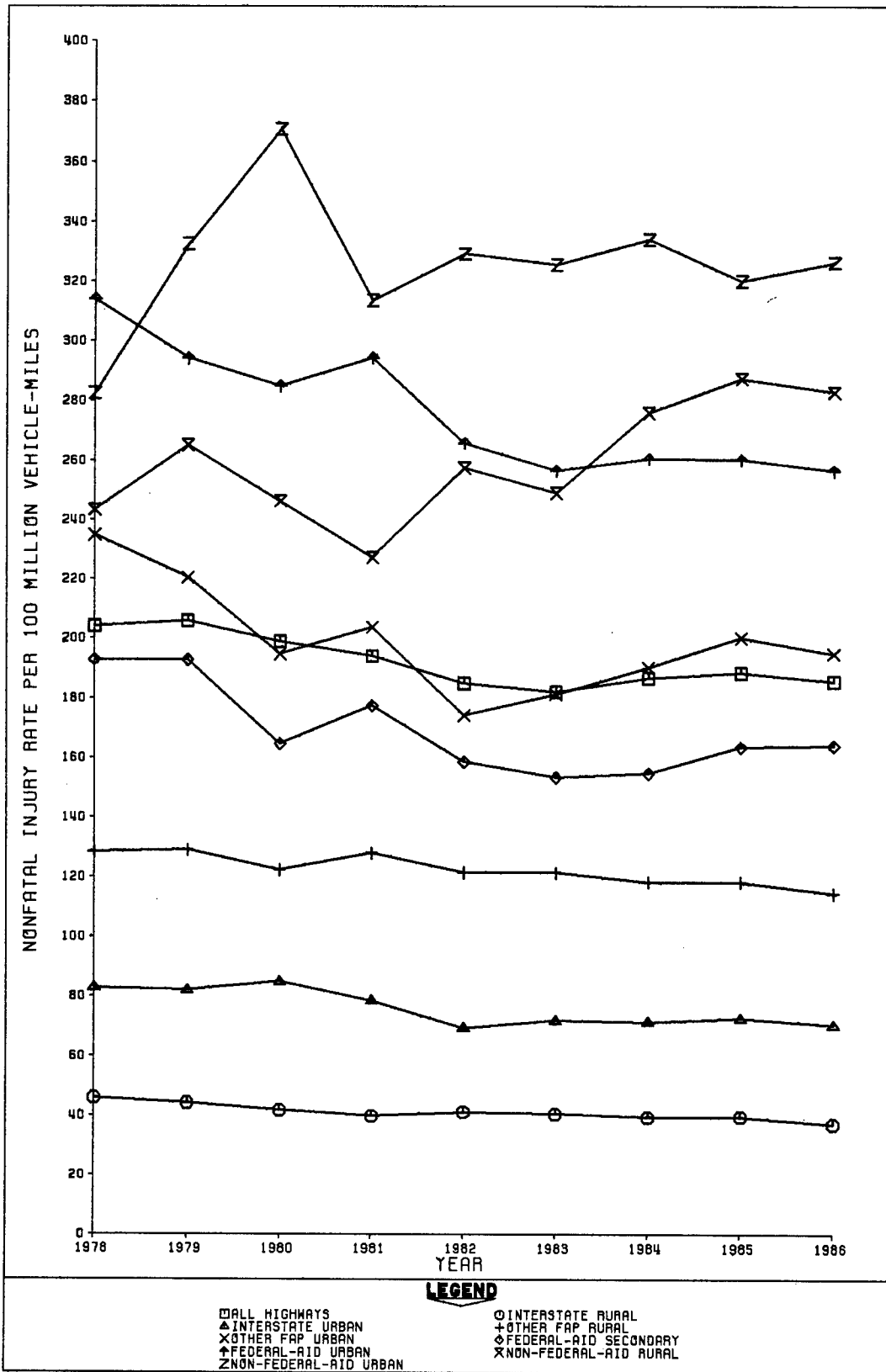




**FIGURE 4. U.S. FATALITY RATES BY HIGHWAY SYSTEM (1978 - 1986)**



**FIGURE 5. U.S. NONFATAL INJURY RATES BY HIGHWAY SYSTEM (1978 - 1986)**



## E. Comparison of State Statistics

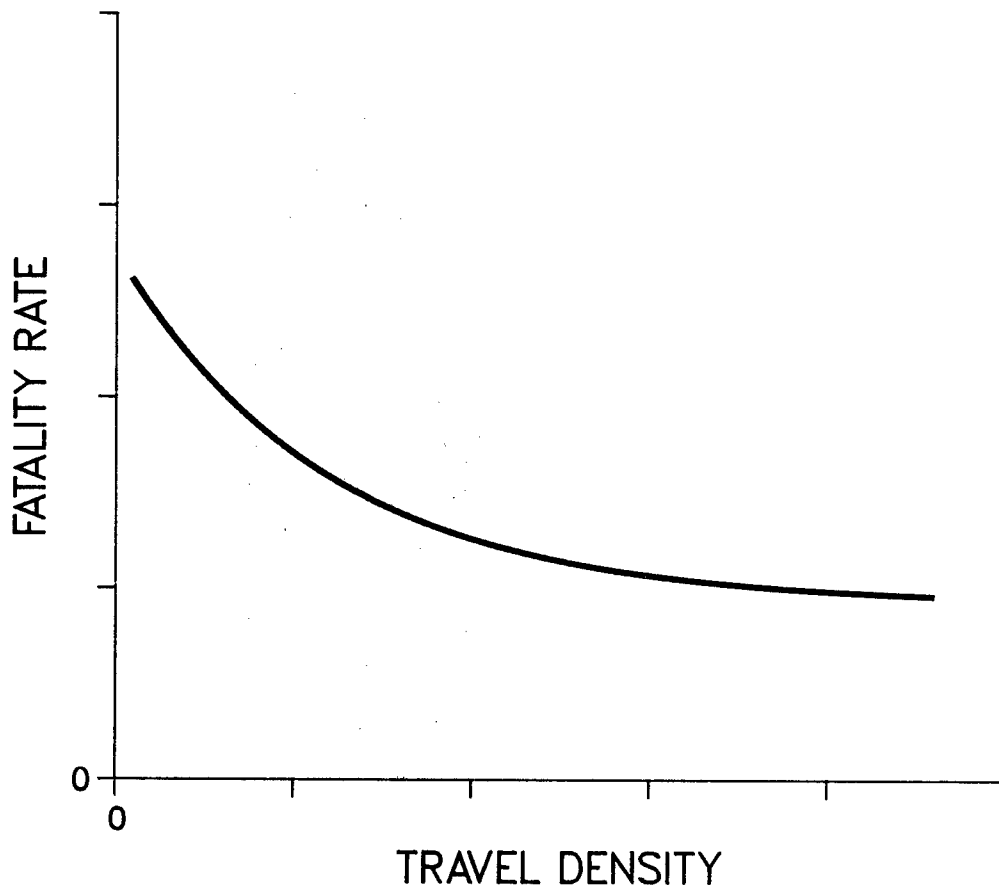
This report was prepared to help meet the need for statistical data to be used in comparing and evaluating the highway safety performance of the States. Those who use the report should be aware of some of the strengths and weaknesses of the data. For the most part, the data have been submitted by State highway departments through the FHWA's Highway Performance Monitoring System. Accident data originate in police accident reporting systems while the collection of travel and highway inventory data originate in the highway departments. The quality of the reported data is generally high but varies somewhat within the States. As is evident from the tables which follow in Section III, not every State was able to summarize its accident data in time for inclusion in this report.

Because all States report accident and related data to FHWA through a single system with carefully written guidelines, reported data are generally consistent. Differences due to variations in data collection procedures are usually marginal, but occasionally may be large enough to obscure or exaggerate real differences among the States. Evaluation of the highway safety performance of each State should include consideration of its record over a period of time as well as comparisons with other States.

One useful device for comparing fatality rates is the rate-density curve. Other things being equal, fatality rates in terms of fatalities per 100 million vehicle miles tend to be highest where the travel density--the ratio of vehicle miles to highway miles--is low. The general shape of the rate-density curve--concave upward and sloping downward to the right--is shown in Figure 6. Rate-density curves in the 1976 "Highway Safety Needs Study," a DOT report to Congress, were used to illustrate the fatality rate reduction resulting from the adoption of safer design standards for Interstate highways. Just as fatality rates are normally higher on lightly traveled segments of the Interstate System than on segments where traffic is heavier, large sparsely populated States will normally have higher fatality rates than States with relatively high concentrations of people and traffic.

When basic rate-density relationships are disregarded, evaluation of State highway safety performance is most often based on comparison of State fatality rates with national fatality rates. This tends to focus undue attention on sparsely populated States and encourages complacency in States which have high population and travel densities. A low-density State might have highly effective speed limit enforcement and highway safety improvement programs, for example, but still have fatality rates substantially above those of a high-density State with ineffective safety programs. Rate-density relationships are used as a basis for fatality rate comparisons among States, by system, in Section V and within States, by year, in Section VI.

Figure 6. RELATIONSHIP BETWEEN FATALITY RATES AND TRAVEL DENSITY



## SECTION II--VEHICLE MILEAGE RATES

The most commonly used measures of highway safety are fatality rates based on vehicle mileage. Such rates have been published and widely publicized for about 50 years by the National Safety Council. While other measures are sometimes more appropriate for comparisons and analysis, vehicle mileage rates serve as useful indices. In the tables which follow, rates per 100 million vehicle miles are listed by State and highway system for fatal accidents (Table 3), nonfatal injury accidents (Table 4), fatalities (Table 5), and nonfatally injured persons (Table 6).

The rates shown in these tables are uniformly carried out to two decimal places. This apparent precision surpasses the degree of accuracy of much of the data on which the computed rates are based. Collection and classification of information about miles of highway, vehicle miles of travel, and motor vehicle traffic accidents is a highly complex undertaking. Because of this complexity and the necessity of subjective judgments at many points in the process, the computed rates should be regarded as approximations, not as precise measurements.

**TABLE 3-A. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**FEDERAL-AID INTERSTATE HIGHWAYS**

| STATE  | RURAL         |                          |                              |                        | STATE           | URBAN          |               |                          |                              |                        |                |
|--|---------------|--------------------------|------------------------------|------------------------|-----------------|----------------|---------------|--------------------------|------------------------------|------------------------|----------------|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS NUMBER |                 | RATE $\lambda$ | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS NUMBER | RATE $\lambda$ |
|  |               |                          |                              |                        |                 |                |               |                          |                              |                        |                |
| COMPLETE DATA  |               |                          |                              | 62                     |                 |                |               |                          | 258                          |                        |                |
| ALABAMA  | 621           | 3,379                    | 14,807                       | 1.83                   | COMPLETE DATA   |                |               |                          | 2,981                        |                        | 0.81           |
| ALASKA   | 1,047         | 700                      | 1,832                        | 3.43                   | ALABAMA         | 258            | 2,981         | 31,656                   | 24                           | 2.26                   | 2.26           |
| ARIZONA  | 1,044         | 4,309                    | 11,308                       | 2.23                   | ALASKA          | 42             | 442           | 28,832                   | 10                           | 1.19                   | 1.19           |
| ARKANSAS   | 1,416         | 2,064                    | 13,496                       | 1.21                   | ARIZONA         | 117            | 1,925         | 45,077                   | 23                           | 0.52                   | 0.52           |
| CALIFORNIA   | 1,416         | 10,504                   | 20,324                       | 1.83                   | ARKANSAS        | 123            | 1,299         | 28,934                   | 8                            | 0.28                   | 0.28           |
| COLORADO   | 760           | 2,810                    | 10,130                       | 2.10                   | CALIFORNIA      | 192            | 41,482        | 116,803                  | 259                          | 1.10                   | 1.10           |
| CONNECTICUT  | 108           | 1,225                    | 31,076                       | 0.98                   | COLORADO        | 164            | 3,273         | 54,678                   | 36                           | 0.75                   | 0.75           |
| DELWARE  | -             | -                        | -                            | -                      | CONNECTICUT     | 232            | 5,828         | 68,824                   | 44                           | 0.69                   | 0.69           |
| DIST. OF COL.  | -             | -                        | -                            | -                      | DELAWARE        | 41             | 839           | 56,064                   | 5                            | 0.34                   | 0.34           |
| GEORGIA  | 891           | 6,918                    | 21,272                       | 0.97                   | GEORGIA         | 341            | 8,610         | 69,176                   | 77                           | 0.89                   | 0.89           |
| HAWAII   | 5             | 70                       | 38,356                       | 2.86                   | HAWAII          | 71             | 411           | 76,027                   | 3                            | 0.39                   | 0.39           |
| IDAHO  | 534           | 1,222                    | 6,270                        | 2.05                   | IDAHO           | 71             | 411           | 15,860                   | 3                            | 2.19                   | 2.19           |
| ILLINOIS   | 1,306         | 5,968                    | 12,520                       | 0.80                   | ILLINOIS        | 487            | 10,829        | 60,921                   | 79                           | 0.73                   | 0.73           |
| IOWA   | 653           | 2,647                    | 11,106                       | 0.45                   | IOWA            | 131            | 1,075         | 22,482                   | 8                            | 0.74                   | 0.74           |
| KANSAS   | 656           | 1,865                    | 7,789                        | 0.91                   | KANSAS          | 164            | 1,562         | 27,765                   | 19                           | 1.14                   | 1.14           |
| KENTUCKY   | 579           | 3,881                    | 18,364                       | 0.82                   | KENTUCKY        | 153            | 2,527         | 44,155                   | 24                           | 0.51                   | 0.51           |
| LOUISIANA  | 532           | 3,555                    | 18,308                       | 1.21                   | LOUISIANA       | 179            | 3,306         | 52,150                   | 24                           | 0.70                   | 0.70           |
| MAINE  | 276           | 1,229                    | 12,200                       | 0.73                   | MAINE           | 39             | 305           | 21,426                   | 7                            | 2.30                   | 2.30           |
| MARYLAND   | 165           | 2,258                    | 37,493                       | 0.84                   | MARYLAND        | 224            | 6,307         | 64,724                   | 45                           | 0.71                   | 0.71           |
| MICHIGAN   | 707           | 4,814                    | 18,655                       | 0.27                   | MICHIGAN        | 431            | 9,569         | 57,164                   | 57                           | 0.83                   | 0.83           |
| MINNESOTA  | 688           | 2,105                    | 8,382                        | 0.43                   | MINNESOTA       | 201            | 3,827         | 52,164                   | 24                           | 1.37                   | 1.37           |
| MISSISSIPPI  | 564           | 2,236                    | 10,862                       | 1.18                   | MISSISSIPPI     | 322            | 1,938         | 24,658                   | 15                           | 0.95                   | 0.95           |
| MISSOURI   | 836           | 4,327                    | 14,180                       | 1.68                   | MISSOURI        | 324            | 6,415         | 54,245                   | 61                           | 0.70                   | 0.70           |
| MONTANA  | 1,141         | 1,450                    | 3,578                        | 0.78                   | MONTANA         | 46             | 142           | 8,457                    | 1                            | 1.04                   | 1.04           |
| NEBRASKA   | 503           | 1,200                    | 9,404                        | 1.63                   | NEBRASKA        | 37             | 379           | 42,873                   | 6                            | 1.26                   | 1.26           |
| NEVADA   | 179           | 1,098                    | 15,805                       | 0.82                   | NEVADA          | 42             | 533           | 41,292                   | 8                            | 1.48                   | 1.48           |
| NEW HAMPSHIRE  | 128           | 1,770                    | 37,885                       | 0.34                   | NEW HAMPSHIRE   | 260            | 7,570         | 35,225                   | 8                            | 2.13                   | 2.13           |
| NEW JERSEY   | 911           | 2,798                    | 7,885                        | 2.07                   | NEW JERSEY      | 88             | 846           | 26,339                   | 53                           | 0.83                   | 0.83           |
| NEW MEXICO   | 896           | 4,855                    | 15,521                       | 0.64                   | NEW MEXICO      | 639            | 11,969        | 51,317                   | 99                           | 1.36                   | 1.36           |
| NORTH CAROLINA   | 926           | 4,569                    | 21,463                       | 0.86                   | NORTH CAROLINA  | 201            | 2,572         | 35,058                   | 35                           | 1.34                   | 1.34           |
| NORTH DAKOTA   | 570           | 745                      | 3,858                        | 0.81                   | NORTH DAKOTA    | 42             | 149           | 9,720                    | 2                            | 1.18                   | 1.18           |
| OHIO   | 724           | 3,323                    | 22,274                       | 1.14                   | OHIO            | 690            | 12,168        | 48,314                   | 90                           | 0.53                   | 0.53           |
| OKLAHOMA   | 584           | 2,875                    | 13,506                       | 0.85                   | OKLAHOMA        | 132            | 2,720         | 36,710                   | 32                           | 0.66                   | 0.66           |
| OREGON   | 21            | 153                      | 16,372                       | 1.31                   | OREGON          | 203            | 2,252         | 46,741                   | 12                           | 1.57                   | 1.57           |
| PENNSYLVANIA   | 674           | 4,289                    | 19,961                       | 0.41                   | PENNSYLVANIA    | 360            | 5,739         | 43,676                   | 38                           | 1.11                   | 1.11           |
| RHODE ISLAND   | 536           | 1,227                    | 17,434                       | 0.97                   | RHODE ISLAND    | 49             | 829           | 45,352                   | 13                           | 0.00                   | 0.00           |
| SOUTH CAROLINA   | 788           | 5,441                    | 18,917                       | 1.54                   | SOUTH CAROLINA  | 115            | 1,532         | 35,498                   | 17                           | 1.30                   | 1.30           |
| TENNESSEE  | 2,256         | 10,673                   | 12,961                       | 2.46                   | TENNESSEE       | 269            | 4,243         | 43,214                   | 55                           | 0.80                   | 0.80           |
| TEXAS  | 745           | 5,313                    | 15,460                       | 0.85                   | TEXAS           | 925            | 22,419        | 56,402                   | 293                          | 0.61                   | 0.61           |
| UTAH   | 765           | 1,667                    | 6,130                        | 0.75                   | UTAH            | 132            | 1,879         | 39,000                   | 40                           | 0.47                   | 0.47           |
| VIRGINIA   | 508           | 3,052                    | 16,450                       | 0.85                   | VIRGINIA        | 288            | 6,602         | 52,804                   | 29                           | 1.14                   | 1.14           |
| WASHINGTON   | 389           | 1,797                    | 12,656                       | 0.78                   | WASHINGTON      | 90             | 788           | 23,988                   | 9                            | 0.10                   | 0.10           |
| WEST VIRGINIA  | 466           | 2,728                    | 16,039                       | 0.55                   | WEST VIRGINIA   | 112            | 2,018         | 49,244                   | 2                            | 6.21                   | 6.21           |
| WISCONSIN  | 864           | 1,430                    | 4,534                        | 1.89                   | WISCONSIN       | 50             | 145           | 7,945                    | 5                            | 0.83                   | 0.83           |
| WYOMING  |               |                          |                              |                        | WYOMING         |                |               |                          |                              |                        |                |
| SUBTOTAL   | 30,549        | 146,236                  | 13,115                       | 1.14                   | SUBTOTAL        | 9,954          | 209,964       | 57,750                   | 1,749                        |                        |                |
| INCOMPLETE DATA  |               |                          |                              |                        | INCOMPLETE DATA |                |               |                          |                              |                        |                |
| FLORIDA  |               |                          |                              |                        | FLORIDA         |                |               |                          |                              |                        |                |
| INDIANA  |               |                          |                              |                        | INDIANA         |                |               |                          |                              |                        |                |
| MASSACHUSETTS  |               |                          |                              |                        | MASSACHUSETTS   |                |               |                          |                              |                        |                |
| VERMONT  |               |                          |                              |                        | VERMONT         |                |               |                          |                              |                        |                |
| $\lambda$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                        |                 |                |               |                          |                              |                        |                |

**TABLE 3-B. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**OTHER FEDERAL-AID PRIMARY HIGHWAYS**

| STATE           | RURAL         |                          |                              |                 | URBAN              |               |                          |                              | STATE | URBAN           |                    |  |  |  |  |  |  |  |  |  |
|-----------------|---------------|--------------------------|------------------------------|-----------------|--------------------|---------------|--------------------------|------------------------------|-------|-----------------|--------------------|--|--|--|--|--|--|--|--|--|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |                    | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE |       | FATAL ACCIDENTS |                    |  |  |  |  |  |  |  |  |  |
|                 |               |                          |                              | NUMBER          | RATE <sup>1/</sup> |               |                          |                              |       | NUMBER          | RATE <sup>1/</sup> |  |  |  |  |  |  |  |  |  |
| COMPLETE DATA   |               |                          |                              |                 |                    |               |                          |                              |       |                 |                    |  |  |  |  |  |  |  |  |  |
| ALABAMA         | 5,841         | 7,075                    | 3,319                        | 135             | 1.91               | 852           | 4,315                    | 13,875                       | 31    | 0.72            |                    |  |  |  |  |  |  |  |  |  |
| ALASKA          | 1,011         | 4,446                    | 1,209                        | 7               | 1.57               | 32            | 1,189                    | 16,182                       | 4     | 2.12            |                    |  |  |  |  |  |  |  |  |  |
| ARIZONA         | 3,685         | 3,368                    | 2,504                        | 155             | 4.50               | 265           | 1,297                    | 13,409                       | 57    | 4.39            |                    |  |  |  |  |  |  |  |  |  |
| ARKANSAS        | 4,714         | 4,857                    | 2,846                        | 166             | 3.39               | 472           | 1,830                    | 10,622                       | 34    | 1.86            |                    |  |  |  |  |  |  |  |  |  |
| CALIFORNIA      | 9,576         | 19,220                   | 5,499                        | 739             | 3.84               | 1,492         | 31,512                   | 57,855                       | 335   | 2.03            |                    |  |  |  |  |  |  |  |  |  |
| COLORADO        | 3,877         | 3,851                    | 2,721                        | 94              | 2.44               | 435           | 2,913                    | 18,180                       | 59    | 1.06            |                    |  |  |  |  |  |  |  |  |  |
| CONNECTICUT     | 689           | 1,970                    | 7,833                        | 43              | 2.18               | 582           | 4,029                    | 18,956                       | 78    | 1.94            |                    |  |  |  |  |  |  |  |  |  |
| DELAWARE        | 334           | 1,560                    | 12,796                       | 34              | -                  | 96            | 8,849                    | 23,735                       | 9     | 1.06            |                    |  |  |  |  |  |  |  |  |  |
| GEORGIA         | 8,600         | 10,098                   | 3,217                        | 351             | 3.48               | 1,470         | 8,539                    | 15,915                       | 190   | 2.23            |                    |  |  |  |  |  |  |  |  |  |
| HAWAII          | 387           | 991                      | 7,016                        | 28              | 2.83               | 124           | 1,385                    | 30,822                       | 14    | 1.00            |                    |  |  |  |  |  |  |  |  |  |
| IDAHO           | 2,619         | 1,768                    | 1,849                        | 64              | 3.62               | 46            | 1,582                    | 17,455                       | 1     | 0.52            |                    |  |  |  |  |  |  |  |  |  |
| ILLINOIS        | 7,850         | 8,895                    | 3,104                        | 262             | 2.95               | 1,920         | 12,506                   | 17,895                       | 268   | 2.14            |                    |  |  |  |  |  |  |  |  |  |
| IOWA            | 8,133         | 6,019                    | 2,028                        | 143             | 2.38               | 707           | 2,526                    | 8,626                        | 32    | 1.44            |                    |  |  |  |  |  |  |  |  |  |
| KANSAS          | 7,734         | 5,217                    | 1,848                        | 152             | 2.91               | 339           | 1,475                    | 11,921                       | 26    | 1.75            |                    |  |  |  |  |  |  |  |  |  |
| KENTUCKY        | 3,305         | 5,190                    | 4,302                        | 153             | 2.95               | 485           | 2,843                    | 16,467                       | 28    | 1.31            |                    |  |  |  |  |  |  |  |  |  |
| LOUISIANA       | 2,661         | 4,620                    | 4,757                        | 184             | 3.98               | 183           | 3,445                    | 19,461                       | 65    | 1.97            |                    |  |  |  |  |  |  |  |  |  |
| MAINE           | 1,825         | 2,724                    | 4,089                        | 146             | 1.91               | 544           | 782                      | 11,707                       | 17    | 2.17            |                    |  |  |  |  |  |  |  |  |  |
| MARYLAND        | 1,650         | 5,614                    | 9,322                        | 152             | 2.60               | 1,003         | 4,995                    | 25,156                       | 109   | 2.18            |                    |  |  |  |  |  |  |  |  |  |
| MICHIGAN        | 6,275         | 11,478                   | 5,011                        | 248             | 2.16               | 584           | 12,281                   | 33,546                       | 106   | 0.86            |                    |  |  |  |  |  |  |  |  |  |
| MINNESOTA       | 8,370         | 7,188                    | 2,256                        | 137             | 1.91               | 352           | 3,253                    | 15,261                       | 38    | 1.17            |                    |  |  |  |  |  |  |  |  |  |
| MISSISSIPPI     | 5,273         | 7,929                    | 2,586                        | 254             | 5.01               | 537           | 1,532                    | 11,924                       | 44    | 2.87            |                    |  |  |  |  |  |  |  |  |  |
| MISSOURI        | 5,385         | 7,259                    | 3,460                        | 273             | 3.45               | 108           | 3,907                    | 19,933                       | 68    | 1.74            |                    |  |  |  |  |  |  |  |  |  |
| MONTANA         | 1,788         | 2,659                    | 1,176                        | 83              | 3.61               | 262           | 1,269                    | 13,270                       | 22    | 2.69            |                    |  |  |  |  |  |  |  |  |  |
| NEBRASKA        | 1,788         | 3,818                    | 1,509                        | 95              | 2.49               | 58            | 511                      | 24,138                       | 4     | 0.78            |                    |  |  |  |  |  |  |  |  |  |
| NEVADA          | 961           | 1,148                    | 5,528                        | 50              | 4.36               | 171           | 891                      | 14,275                       | 12    | 1.35            |                    |  |  |  |  |  |  |  |  |  |
| NEW HAMPSHIRE   | 821           | 1,539                    | 11,039                       | 37              | 1.91               | 649           | 6,480                    | 27,355                       | 157   | 2.42            |                    |  |  |  |  |  |  |  |  |  |
| NEW JERSEY      | 3,365         | 2,798                    | 4,194                        | 100             | 3.02               | 190           | 863                      | 12,444                       | 25    | 2.90            |                    |  |  |  |  |  |  |  |  |  |
| NEW MEXICO      | 3,845         | 9,851                    | 2,577                        | 107             | 3.82               | 2,009         | 5,192                    | 28,900                       | 298   | 1.41            |                    |  |  |  |  |  |  |  |  |  |
| NORTH CAROLINA  | 5,406         | 1,738                    | 5,922                        | 276             | 2.80               | 2,009         | 5,279                    | 21,980                       | 74    | 1.40            |                    |  |  |  |  |  |  |  |  |  |
| NORTH DAKOTA    | 5,045         | 4,194                    | 881                          | 241             | 2.80               | 1,582         | 7,425                    | 9,026                        | 9     | 2.12            |                    |  |  |  |  |  |  |  |  |  |
| OHIO            | 4,874         | 5,466                    | 4,965                        | 33              | 1.50               | 400           | 7,633                    | 13,281                       | 133   | 1.73            |                    |  |  |  |  |  |  |  |  |  |
| OKLAHOMA        | 5,045         | 4,975                    | 2,923                        | 214             | 2.59               | 1,932         | 2,010                    | 17,808                       | 41    | 2.04            |                    |  |  |  |  |  |  |  |  |  |
| OREGON          | 4,663         | 14,532                   | 5,122                        | 187             | 3.76               | 2,400         | 18,582                   | 23,879                       | 295   | 1.58            |                    |  |  |  |  |  |  |  |  |  |
| PENNSYLVANIA    | 7,773         | 325                      | 5,531                        | 14              | 4.31               | 325           | 4,137                    | 3,637                        | 17    | 5.45            |                    |  |  |  |  |  |  |  |  |  |
| RHODE ISLAND    | 4,958         | 7,097                    | 3,922                        | 263             | 3.71               | 713           | 15,858                   | 15,858                       | 58    | 1.41            |                    |  |  |  |  |  |  |  |  |  |
| SOUTH CAROLINA  | 5,691         | 2,163                    | 1,041                        | 53              | 2.45               | 110           | 5,917                    | 10,884                       | 29    | 0.46            |                    |  |  |  |  |  |  |  |  |  |
| SOUTH DAKOTA    | 5,227         | 7,677                    | 4,024                        | 285             | 3.71               | 884           | 16,744                   | 24,937                       | 129   | 2.22            |                    |  |  |  |  |  |  |  |  |  |
| TENNESSEE       | 14,859        | 21,065                   | 3,884                        | 543             | 2.58               | 102           | 500                      | 13,430                       | 274   | 1.64            |                    |  |  |  |  |  |  |  |  |  |
| UTAH            | 2,522         | 1,611                    | 1,750                        | 62              | 3.85               | 102           | 4,286                    | 19,409                       | 74    | 1.73            |                    |  |  |  |  |  |  |  |  |  |
| VIRGINIA        | 4,394         | 5,074                    | 3,164                        | 297             | 3.16               | 645           | 4,413                    | 18,745                       | 51    | 1.16            |                    |  |  |  |  |  |  |  |  |  |
| WEST VIRGINIA   | 3,258         | 3,190                    | 3,871                        | 138             | 4.36               | 193           | 950                      | 13,486                       | 22    | 2.32            |                    |  |  |  |  |  |  |  |  |  |
| WISCONSIN       | 8,249         | 10,619                   | 3,527                        | 139             | 4.36               | 127           | 5,032                    | 14,745                       | 42    | 0.83            |                    |  |  |  |  |  |  |  |  |  |
| WYOMING         | 2,854         | 1,438                    | 1,380                        | 245             | 3.27               | 127           | 4,077                    | 8,780                        | 7     | 1.72            |                    |  |  |  |  |  |  |  |  |  |
| SUBTOTAL        | 214,331       | 264,159                  | 3,377                        | 7,911           | 2.99               | 28,188        | 217,567                  | 21,146                       | 3,423 | 1.57            |                    |  |  |  |  |  |  |  |  |  |
| INCOMPLETE DATA |               |                          |                              |                 |                    |               |                          |                              |       |                 |                    |  |  |  |  |  |  |  |  |  |
| FLORIDA         |               |                          |                              |                 |                    |               |                          |                              |       |                 |                    |  |  |  |  |  |  |  |  |  |
| INDIANA         |               |                          |                              |                 |                    |               |                          |                              |       |                 |                    |  |  |  |  |  |  |  |  |  |
| MASSACHUSETTS   |               |                          |                              |                 |                    |               |                          |                              |       |                 |                    |  |  |  |  |  |  |  |  |  |
| VERMONT         |               |                          |                              |                 |                    |               |                          |                              |       |                 |                    |  |  |  |  |  |  |  |  |  |

<sup>1/</sup> FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-C. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**FEDERAL-AID URBAN HIGHWAYS**

| STATE  | ARTERIAL      |                          |                              |                 | STATE         | COLLECTOR     |                          |                              |                 |        |                |  |  |
|--|---------------|--------------------------|------------------------------|-----------------|---------------|---------------|--------------------------|------------------------------|-----------------|--------|----------------|--|--|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |        |                |  |  |
|  |               |                          |                              | NUMBER          |               |               |                          |                              | RATE $\lambda$  | NUMBER | RATE $\lambda$ |  |  |
| COMPLETE DATA  |               |                          |                              |                 | COMPLETE DATA |               |                          |                              |                 |        |                |  |  |
| ALABAMA  | 1,515         | 3,775                    | 6,827                        | 45              | 1.19          | 1,230         | 1,299                    | 2,893                        | 66              | 5.08   |                |  |  |
| ALASKA   | 1,79          | 504                      | 17,479                       | 6               | 1.19          | 156           | 188                      | 3,302                        | 5               | 2.66   |                |  |  |
| ARIZONA  | 2,377         | 4,704                    | 5,422                        | 261             | 5.52          | 714           | 929                      | 3,565                        | 7               | 0.75   |                |  |  |
| ARKANSAS   | 833           | 1,543                    | 5,075                        | 45              | 2.92          | 288           | 159                      | 1,513                        | 4               | 2.52   |                |  |  |
| CALIFORNIA   | 12,319        | 58,986                   | 13,118                       | 1,706           | 2.89          | 4,780         | 5,725                    | 3,281                        | 145             | 1.98   |                |  |  |
| COLORADO   | 1,733         | 5,760                    | 9,106                        | 95              | 1.65          | 551           | 455                      | 2,262                        | 9               | 2.57   |                |  |  |
| CONNECTICUT  | 1,232         | 4,185                    | 9,307                        | 89              | 2.13          | 1,726         | 1,984                    | 3,149                        | 51              | 2.38   |                |  |  |
| DELAWARE   | 157           | 4,704                    | 12,285                       | 18              | 2.56          | 148           | 294                      | 5,442                        | 7               | 2.92   |                |  |  |
| GEORGIA  | 2,142         | 6,612                    | 8,457                        | 189             | 2.86          | 1,826         | 2,289                    | 3,434                        | 67              | 2.92   |                |  |  |
| HAWAII   | 140           | 825                      | 16,145                       | 24              | 2.91          | 178           | 424                      | 6,526                        | 6               | 1.42   |                |  |  |
| IDAHO  | 442           | 1,178                    | 7,302                        | 17              | 1.44          | 283           | 250                      | 2,130                        | 2               | 0.91   |                |  |  |
| ILLINOIS   | 3,623         | 14,115                   | 10,901                       | 268             | 1.86          | 3,079         | 5,958                    | 5,337                        | 100             | 1.67   |                |  |  |
| IOWA   | 1,447         | 2,345                    | 4,731                        | 25              | 1.07          | 965           | 633                      | 1,797                        | 8               | 1.26   |                |  |  |
| KANSAS   | 1,084         | 2,809                    | 7,101                        | 31              | 1.10          | 484           | 306                      | 1,432                        | 2               | 0.65   |                |  |  |
| KENTUCKY   | 1,096         | 5,703                    | 9,308                        | 62              | 1.67          | 761           | 1,151                    | 4,286                        | 17              | 1.43   |                |  |  |
| LOUISIANA  | 1,322         | 3,923                    | 8,155                        | 92              | 2.39          | 896           | 896                      | 3,217                        | 39              | 4.24   |                |  |  |
| MAINE  | 1,342         | 3,883                    | 7,789                        | 9               | 0.30          | 360           | 341                      | 2,195                        | 1               | 0.29   |                |  |  |
| MARYLAND   | 1,439         | 8,011                    | 15,263                       | 146             | 1.82          | 688           | 1,377                    | 5,499                        | 38              | 2.76   |                |  |  |
| MICHIGAN   | 4,237         | 18,687                   | 10,077                       | 379             | 2.42          | 1,153         | 2,089                    | 4,916                        | 37              | 1.79   |                |  |  |
| MINNESOTA  | 1,552         | 5,694                    | 10,052                       | 44              | 0.77          | 640           | 696                      | 2,979                        | 5               | 0.72   |                |  |  |
| MISSISSIPPI  | 942           | 1,986                    | 5,776                        | 47              | 2.37          | 749           | 627                      | 2,293                        | 15              | 2.39   |                |  |  |
| MISSOURI   | 1,805         | 7,050                    | 10,701                       | 143             | 2.03          | 551           | 614                      | 3,053                        | 7               | 1.14   |                |  |  |
| MONTANA  | 231           | 520                      | 6,167                        | 10              | 1.92          | 91            | 87                       | 2,619                        | 2               | 2.30   |                |  |  |
| NEBRASKA   | 649           | 1,811                    | 7,645                        | 24              | 1.33          | 404           | 441                      | 2,991                        | 2               | 0.45   |                |  |  |
| NEVADA   | 465           | 2,227                    | 13,121                       | 55              | 2.47          | 92            | 168                      | 5,003                        | 1               | 0.60   |                |  |  |
| NEW HAMPSHIRE  | 385           | 986                      | 7,017                        | 14              | 1.42          | 337           | 303                      | 2,463                        | 9               | 2.97   |                |  |  |
| NEW JERSEY   | 3,539         | 14,506                   | 11,230                       | 341             | 2.35          | 1,808         | 2,958                    | 4,482                        | 55              | 1.86   |                |  |  |
| NEW MEXICO   | 463           | 1,997                    | 11,817                       | 62              | 3.10          | 143           | 280                      | 5,364                        | 15              | 5.36   |                |  |  |
| NEW YORK   | 5,173         | 20,730                   | 10,979                       | 591             | 2.85          | 3,529         | 4,831                    | 3,751                        | 74              | 1.53   |                |  |  |
| NORTH CAROLINA   | 2,353         | 9,323                    | 10,855                       | 164             | 1.76          | 305           | 352                      | 3,162                        | 10              | 2.84   |                |  |  |
| NORTH DAKOTA   | 260           | 432                      | 4,552                        | 3               | 0.69          | 203           | 173                      | 2,335                        | 1               | 0.58   |                |  |  |
| OHIO   | 3,617         | 10,354                   | 7,843                        | 237             | 2.29          | 4,108         | 3,786                    | 2,525                        | 115             | 3.04   |                |  |  |
| OKLAHOMA   | 2,237         | 6,188                    | 7,579                        | 67              | 1.08          | 741           | 664                      | 2,455                        | 13              | 1.96   |                |  |  |
| OREGON   | 1,067         | 3,126                    | 8,027                        | 94              | 3.01          | 916           | 981                      | 2,934                        | 11              | 1.12   |                |  |  |
| PENNSYLVANIA   | 3,833         | 8,744                    | 6,250                        | 225             | 2.57          | 3,150         | 4,233                    | 3,734                        | 40              | 0.93   |                |  |  |
| RHODE ISLAND   | 493           | 2,075                    | 11,531                       | 36              | 1.73          | 446           | 249                      | 1,530                        | 9               | 3.61   |                |  |  |
| SOUTH CAROLINA   | 637           | 2,354                    | 10,125                       | 68              | 2.89          | 532           | 770                      | 3,965                        | 26              | 3.38   |                |  |  |
| SOUTH DAKOTA   | 280           | 351                      | 3,434                        | 4               | 1.14          | 99            | 65                       | 1,799                        | 1               | 1.54   |                |  |  |
| TENNESSEE  | 1,325         | 5,105                    | 10,556                       | 133             | 2.61          | 1,759         | 2,031                    | 3,163                        | 63              | 3.10   |                |  |  |
| TEXAS  | 6,025         | 23,174                   | 10,538                       | 281             | 1.21          | 1,549         | 1,624                    | 2,872                        | 60              | 0.00   |                |  |  |
| UTAH   | 533           | 2,711                    | 13,935                       | 58              | 2.14          | 397           | 1,770                    | 5,451                        | 13              | 1.69   |                |  |  |
| VIRGINIA   | 2,010         | 9,706                    | 13,230                       | 163             | 1.68          | 1,337         | 1,790                    | 3,668                        | 36              | 2.01   |                |  |  |
| WASHINGTON   | 2,216         | 8,176                    | 10,108                       | 134             | 1.64          | 1,582         | 2,078                    | 3,398                        | 41              | 1.97   |                |  |  |
| WEST VIRGINIA  | 385           | 1,156                    | 8,225                        | 19              | 1.64          | 400           | 468                      | 3,205                        | 5               | 1.07   |                |  |  |
| WISCONSIN  | 2,061         | 5,501                    | 7,313                        | 73              | 1.33          | 810           | 698                      | 2,330                        | 7               | 1.82   |                |  |  |
| WYOMING  | 421           | 4,407                    | 4,627                        | 9               | 2.21          | 270           | 196                      | 1,983                        | 4               | 2.04   |                |  |  |
| SUBTOTAL   | 82,354        | 297,020                  | 9,881                        | 6,602           | 2.22          | 47,169        | 58,761                   | 3,413                        | 1,190           | 2.03   |                |  |  |
| INCOMPLETE DATA  |               |                          |                              |                 |               |               |                          |                              |                 |        |                |  |  |
| DIST. OF COL.  |               |                          |                              |                 |               |               |                          |                              |                 |        |                |  |  |
| FLORIDA  |               |                          |                              |                 |               |               |                          |                              |                 |        |                |  |  |
| INDIANA  |               |                          |                              |                 |               |               |                          |                              |                 |        |                |  |  |
| MASSACHUSETTS  |               |                          |                              |                 |               |               |                          |                              |                 |        |                |  |  |
| VERMONT  |               |                          |                              |                 |               |               |                          |                              |                 |        |                |  |  |
| $\lambda$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                 |               |               |                          |                              |                 |        |                |  |  |



**TABLE 3-D. FATAL ACCIDENTS  
BY STATE AND HIGHWAY SYSTEM - 1986  
FEDERAL-AID SECONDARY HIGHWAYS**

| STATE           | COLLECTOR, RURAL |                                |                                       |                    |         |
|-----------------|------------------|--------------------------------|---------------------------------------|--------------------|---------|
|                 | HIGHWAY<br>MILES | VEHICLE<br>MILES<br>(MILLIONS) | DAILY<br>VEHICLE<br>MILES<br>PER MILE | FATAL<br>ACCIDENTS |         |
|                 |                  |                                |                                       | NUMBER             | RATE 1/ |
| COMPLETE DATA   |                  |                                |                                       |                    |         |
| ALABAMA         | 11,405           | 4,045                          | 972                                   | 108                | 2.67    |
| ALASKA          | 1,851            | 470                            | 696                                   | 13                 | 2.77    |
| ARIZONA         | 3,299            | 1,731                          | 1,438                                 | 68                 | 3.93    |
| ARKANSAS        | 7,173            | 1,502                          | 574                                   | 66                 | 4.39    |
| CALIFORNIA      | 11,088           | 7,244                          | 1,790                                 | 443                | 6.12    |
| COLORADO        | 3,411            | 1,205                          | 968                                   | 50                 | 4.15    |
| CONNECTICUT     | 902              | 1,167                          | 3,545                                 | 34                 | 2.91    |
| DELAWARE        | 602              | 547                            | 2,489                                 | 21                 | 3.84    |
| DIST. OF COL.   | -                | -                              | -                                     | -                  | -       |
| GEORGIA         | 13,996           | 5,325                          | 1,042                                 | 195                | 3.66    |
| HAWAII          | 450              | 414                            | 2,521                                 | 17                 | 4.11    |
| IDAHO           | 4,191            | 977                            | 639                                   | 38                 | 3.89    |
| ILLINOIS        | 12,938           | 3,924                          | 831                                   | 146                | 3.72    |
| IOWA            | 13,490           | 2,216                          | 450                                   | 79                 | 3.56    |
| KANSAS          | 22,611           | 2,454                          | 297                                   | 72                 | 2.93    |
| KENTUCKY        | 7,252            | 4,351                          | 1,644                                 | 189                | 4.34    |
| LOUISIANA       | 7,351            | 4,732                          | 1,764                                 | 216                | 4.56    |
| MAINE           | 2,730            | 1,507                          | 1,512                                 | 31                 | 2.06    |
| MARYLAND        | 1,894            | 1,885                          | 2,727                                 | 83                 | 4.40    |
| MICHIGAN        | 16,986           | 7,336                          | 1,183                                 | 303                | 4.13    |
| MINNESOTA       | 16,640           | 3,446                          | 567                                   | 98                 | 2.84    |
| MISSISSIPPI     | 11,726           | 2,957                          | 691                                   | 135                | 4.57    |
| MISSOURI        | 18,206           | 4,530                          | 682                                   | 204                | 4.50    |
| MONTANA         | 4,691            | 456                            | 266                                   | 25                 | 5.48    |
| NEBRASKA        | 11,434           | 1,160                          | 278                                   | 29                 | 2.50    |
| NEVADA          | 2,315            | 813                            | 962                                   | 22                 | 2.71    |
| NEW HAMPSHIRE   | 1,230            | 867                            | 1,931                                 | 31                 | 3.58    |
| NEW JERSEY      | 1,722            | 2,923                          | 4,651                                 | 81                 | 2.77    |
| NEW MEXICO      | 3,951            | 1,262                          | 875                                   | 64                 | 5.07    |
| NEW YORK        | 6,306            | 4,978                          | 2,163                                 | 156                | 3.13    |
| NORTH CAROLINA  | 10,297           | 9,921                          | 2,640                                 | 368                | 3.71    |
| NORTH DAKOTA    | 10,535           | 742                            | 193                                   | 17                 | 2.29    |
| OHIO            | 11,610           | 8,246                          | 1,946                                 | 245                | 2.97    |
| OKLAHOMA        | 11,178           | 3,579                          | 877                                   | 86                 | 2.40    |
| OREGON          | 7,791            | 1,861                          | 654                                   | 91                 | 4.89    |
| PENNSYLVANIA    | 8,039            | 5,463                          | 1,862                                 | 204                | 3.73    |
| RHODE ISLAND    | 197              | 116                            | 1,613                                 | 4                  | 3.45    |
| SOUTH CAROLINA  | 8,517            | 4,047                          | 1,302                                 | 222                | 5.49    |
| SOUTH DAKOTA    | 10,993           | 769                            | 192                                   | 23                 | 2.99    |
| TENNESSEE       | 5,471            | 2,708                          | 1,356                                 | 130                | 4.80    |
| TEXAS           | 32,623           | 13,480                         | 1,132                                 | 496                | 3.68    |
| UTAH            | 2,604            | 685                            | 721                                   | 26                 | 3.80    |
| VIRGINIA        | 10,206           | 5,739                          | 1,541                                 | 186                | 3.24    |
| WASHINGTON      | 7,205            | 4,407                          | 1,676                                 | 96                 | 2.18    |
| WEST VIRGINIA   | 6,360            | 3,439                          | 1,481                                 | 118                | 3.43    |
| WISCONSIN       | 12,409           | 3,436                          | 759                                   | 100                | 2.91    |
| WYOMING         | 2,293            | 409                            | 489                                   | 17                 | 4.16    |
| SUBTOTAL        | 380,169          | 145,471                        | 1,048                                 | 5,446              | 3.74    |
| INCOMPLETE DATA |                  |                                |                                       |                    |         |
| FLORIDA         |                  |                                |                                       |                    |         |
| INDIANA         |                  |                                |                                       |                    |         |
| MASSACHUSETTS   |                  |                                |                                       |                    |         |
| VERMONT         |                  |                                |                                       |                    |         |

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-E. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**NONFEDERAL-AID ARTERIAL HIGHWAYS**

| STATE           | RURAL         |                          |                              |                        | STATE           | URBAN          |               |                          |                              |                        |                |
|-----------------|---------------|--------------------------|------------------------------|------------------------|-----------------|----------------|---------------|--------------------------|------------------------------|------------------------|----------------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS NUMBER |                 | RATE $\lambda$ | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS NUMBER | RATE $\lambda$ |
|                 |               |                          |                              |                        |                 |                |               |                          |                              |                        |                |
| COMPLETE DATA   |               |                          |                              |                        | COMPLETE DATA   |                |               |                          |                              |                        |                |
| ALABAMA         | 1             | 1                        | 2,740                        | 0                      | ALABAMA         | 222            | 474           | 5,850                    | 6                            | 1.27                   |                |
| ALASKA          | -             | -                        | -                            | -                      | ALASKA          | 1              | 1             | 2,740                    | 0                            | 0.00                   |                |
| ARIZONA         | 17            | 19                       | 3,062                        | 1                      | ARIZONA         | 26             | 96            | 10,116                   | 0                            | 0.00                   |                |
| ARKANSAS        | 362           | 1,465                    | 1,465                        | 8                      | ARKANSAS        | 411            | 465           | 3,100                    | 15                           | 3.53                   |                |
| CALIFORNIA      | 16            | 16                       | 2,740                        | 4                      | CALIFORNIA      | 1,287          | 3,338         | 7,105                    | 91                           | 2.73                   |                |
| COLORADO        | 5             | 2                        | 1,092                        | 0                      | COLORADO        | 27             | 4             | 405                      | 0                            | 0.00                   |                |
| CONNECTICUT     | 9             | 20                       | 5,088                        | 1                      | CONNECTICUT     | 41             | 203           | 13,565                   | 2                            | 0.59                   |                |
| DELAWARE        | 1             | 1                        | 2,740                        | 0                      | DELAWARE        | 4              | 1             | 685                      | 0                            | 0.00                   |                |
| DIST. OF COL.   | -             | -                        | -                            | -                      | GEORGIA         | 11             | 13            | 3,238                    | 0                            | 0.00                   |                |
| GEORGIA         | -             | -                        | -                            | -                      | HAWAII          | 2              | 12            | 15,438                   | 0                            | 0.00                   |                |
| HAWAII          | 10            | 19                       | 5,205                        | 0                      | IDAHO           | 54             | 108           | 8,475                    | 1                            | 0.93                   |                |
| IDAHO           | 1             | 1                        | 2,740                        | 0                      | ILLINOIS        | 40             | 133           | 7,110                    | 1                            | 0.75                   |                |
| ILLINOIS        | -             | -                        | -                            | -                      | INDIANA         | -              | -             | -                        | 0                            | 0.00                   |                |
| INDIANA         | -             | -                        | -                            | -                      | IOWA            | 215            | 658           | 8,385                    | 13                           | 1.98                   |                |
| IOWA            | -             | -                        | -                            | -                      | KANSAS          | -              | -             | -                        | -                            | -                      |                |
| KANSAS          | 48            | 68                       | 3,881                        | 1                      | KENTUCKY        | 292            | 602           | 5,648                    | 2                            | 0.33                   |                |
| KENTUCKY        | -             | -                        | -                            | -                      | LOUISIANA       | 14             | 80            | 15,656                   | 5                            | 6.25                   |                |
| LOUISIANA       | 9             | 23                       | 7,002                        | 7                      | MAINE           | 807            | 34            | 10,350                   | 1                            | 2.94                   |                |
| MAINE           | 40            | 140                      | 9,589                        | 3                      | MARYLAND        | -              | 453           | 1,538                    | 5                            | 1.10                   |                |
| MARYLAND        | -             | -                        | -                            | -                      | MASSACHUSETTS   | -              | -             | -                        | -                            | -                      |                |
| MASSACHUSETTS   | -             | -                        | -                            | -                      | MICHIGAN        | 33             | 10            | 830                      | 0                            | 0.00                   |                |
| MICHIGAN        | -             | -                        | -                            | -                      | MINNESOTA       | 535            | 1,463         | 7,492                    | 17                           | 1.16                   |                |
| MINNESOTA       | 250           | 54                       | 592                          | 2                      | MISSISSIPPI     | 36             | 60            | 4,566                    | 1                            | 1.67                   |                |
| MISSISSIPPI     | -             | -                        | -                            | -                      | MISSOURI        | -              | -             | -                        | -                            | -                      |                |
| MISSOURI        | 2             | 1                        | 1,370                        | 0                      | MONTANA         | 25             | 100           | 10,959                   | 4                            | 4.00                   |                |
| MONTANA         | 51            | 19                       | 1,021                        | 1                      | NEBRASKA        | 18             | 98            | 14,916                   | 3                            | 3.06                   |                |
| NEBRASKA        | -             | -                        | -                            | -                      | NEVADA          | 266            | 3,018         | 31,085                   | 22                           | 0.73                   |                |
| NEVADA          | -             | -                        | -                            | -                      | NEW HAMPSHIRE   | 51             | 79            | 4,244                    | 1                            | 1.27                   |                |
| NEW HAMPSHIRE   | 23            | 134                      | 15,962                       | 1                      | NEW JERSEY      | 118            | 640           | 14,860                   | 0                            | 0.00                   |                |
| NEW JERSEY      | 113           | 816                      | 19,784                       | 15                     | NEW MEXICO      | 988            | 2,221         | 6,159                    | 25                           | 1.13                   |                |
| NEW MEXICO      | -             | -                        | -                            | -                      | NORTH CAROLINA  | 5              | 1             | 548                      | 0                            | 0.00                   |                |
| NEW YORK        | -             | -                        | -                            | -                      | NORTH DAKOTA    | 4              | 3             | 2,055                    | 0                            | 0.00                   |                |
| NORTH CAROLINA  | 249           | 125                      | 1,375                        | 0                      | OHIO            | 167            | 110           | 1,805                    | 0                            | 0.00                   |                |
| NORTH DAKOTA    | 2             | 1                        | 1,370                        | 0                      | OKLAHOMA        | 69             | 179           | 7,107                    | 0                            | 0.00                   |                |
| OHIO            | -             | -                        | -                            | -                      | OREGON          | -              | -             | -                        | -                            | -                      |                |
| OKLAHOMA        | 223           | 305                      | 3,747                        | 2                      | PENNSYLVANIA    | 260            | 594           | 6,259                    | 9                            | 1.52                   |                |
| OREGON          | 185           | 122                      | 1,807                        | 5                      | RHODE ISLAND    | 10             | 37            | 10,137                   | 0                            | 0.00                   |                |
| PENNSYLVANIA    | -             | -                        | -                            | -                      | SOUTH CAROLINA  | 1,926          | 5,800         | 8,250                    | 156                          | 2.69                   |                |
| RHODE ISLAND    | 14            | 8                        | 1,566                        | 0                      | SOUTH DAKOTA    | 41             | 34            | 2,272                    | 0                            | 0.00                   |                |
| SOUTH CAROLINA  | 1             | 1                        | 2,740                        | 0                      | TENNESSEE       | -              | -             | -                        | -                            | -                      |                |
| SOUTH DAKOTA    | 3             | 8                        | 7,306                        | 2                      | TEXAS           | 124            | 680           | 15,024                   | 0                            | 0.00                   |                |
| TENNESSEE       | -             | -                        | -                            | -                      | UTAH            | 11             | 8             | 1,993                    | 0                            | 0.00                   |                |
| TEXAS           | 14            | 8                        | 1,566                        | 0                      | VERMONT         | 128            | 322           | 6,892                    | 1                            | 0.31                   |                |
| UTAH            | 1             | 1                        | 2,740                        | 0                      | VIRGINIA        | 3              | 5             | 4,566                    | 0                            | 0.00                   |                |
| VIRGINIA        | 310           | 303                      | 2,678                        | 0                      | WASHINGTON      | -              | -             | -                        | -                            | -                      |                |
| WASHINGTON      | -             | -                        | -                            | -                      | WEST VIRGINIA   | -              | -             | -                        | -                            | -                      |                |
| WEST VIRGINIA   | 1             | 1                        | 2,740                        | 0                      | WISCONSIN       | 8,290          | 22,141        | 7,317                    | 381                          | 1.72                   |                |
| WISCONSIN       | 248           | 108                      | 1,193                        | 1                      | WYOMING         | -              | -             | -                        | -                            | -                      |                |
| WYOMING         | 2,194         | 2,510                    | 3,134                        | 54                     | SUBTOTAL        | -              | -             | -                        | -                            | -                      |                |
| SUBTOTAL        | -             | -                        | -                            | -                      | INCOMPLETE DATA | -              | -             | -                        | -                            | -                      |                |
| INCOMPLETE DATA | -             | -                        | -                            | -                      | DIST. OF COL.   | -              | -             | -                        | -                            | -                      |                |
| FLORIDA         | -             | -                        | -                            | -                      | FLORIDA         | -              | -             | -                        | -                            | -                      |                |
| INDIANA         | -             | -                        | -                            | -                      | INDIANA         | -              | -             | -                        | -                            | -                      |                |
| MASSACHUSETTS   | -             | -                        | -                            | -                      | MASSACHUSETTS   | -              | -             | -                        | -                            | -                      |                |

$\lambda$  FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-F. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**NONFEDERAL-AID COLLECTOR HIGHWAYS**

| STATE  | RURAL         |                          |                              |                 |                | URBAN         |                          |                              |                 |                |  |  |  |  |  |  |  |  |
|--|---------------|--------------------------|------------------------------|-----------------|----------------|---------------|--------------------------|------------------------------|-----------------|----------------|--|--|--|--|--|--|--|--|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |                | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |                |  |  |  |  |  |  |  |  |
|  |               |                          |                              | NUMBER          | RATE $\lambda$ |               |                          |                              | NUMBER          | RATE $\lambda$ |  |  |  |  |  |  |  |  |
| COMPLETE DATA  |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |
| ALABAMA  | 7,010         | 1,030                    | 403                          | 36              | 3.50           | 464           | 481                      | 2,840                        | 25              | 5.20           |  |  |  |  |  |  |  |  |
| ALASKA   | 881           | 155                      | 482                          | 2               | 1.29           | 54            | 63                       | 3,196                        | 2               | 3.17           |  |  |  |  |  |  |  |  |
| ARIZONA  | 4,328         | 770                      | 487                          | 29              | 3.77           | 380           | 570                      | 4,110                        | 7               | 1.23           |  |  |  |  |  |  |  |  |
| ARKANSAS   | 11,794        | 1,650                    | 383                          | 73              | 4.42           | 704           | 296                      | 1,152                        | 6               | 2.03           |  |  |  |  |  |  |  |  |
| CALIFORNIA   | 11,693        | 3,028                    | 709                          | 193             | 6.37           | 2,627         | 3,083                    | 3,215                        | 68              | 2.21           |  |  |  |  |  |  |  |  |
| COLORADO   | 15,976        | 1,591                    | 273                          | 46              | 2.89           | 613           | 514                      | 2,297                        | 11              | 2.14           |  |  |  |  |  |  |  |  |
| CONNECTICUT  | 1,192         | 1,524                    | 1,203                        | 11              | 2.10           | 188           | 220                      | 3,206                        | 8               | 3.64           |  |  |  |  |  |  |  |  |
| DELAWARE   | 158           | 65                       | 1,127                        | 4               | 6.15           | 22            | 19                       | 2,366                        | 1               | 5.26           |  |  |  |  |  |  |  |  |
| DIST. OF COL.  |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |
| GEORGIA  | 7,300         | 783                      | 294                          | 22              | 2.81           | 4             | 9                        | 5,154                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| HAWAII   | 156           | 176                      | 3,921                        | 4               | 0.00           | 106           | 82                       | 1,119                        | 2               | 2.44           |  |  |  |  |  |  |  |  |
| IDAHO  | 4,156         | 450                      | 295                          | 4               | 0.89           | 191           | 185                      | 2,564                        | 1               | 0.54           |  |  |  |  |  |  |  |  |
| ILLINOIS   | 4,882         | 1,194                    | 670                          | 53              | 4.44           | 173           | 330                      | 1,501                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| IOWA   | 16,392        | 662                      | 111                          | 27              | 4.08           | 295           | 331                      | 3,074                        | 5               | 1.51           |  |  |  |  |  |  |  |  |
| KANSAS   | 9,404         | 270                      | 179                          | 8               | 2.56           | 130           | 104                      | 2,192                        | 1               | 0.36           |  |  |  |  |  |  |  |  |
| KENTUCKY   | 9,352         | 1,728                    | 506                          | 92              | 3.10           | 354           | 366                      | 2,833                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| LOUISIANA  | 4,298         | 1,322                    | 840                          | 41              | 3.02           | 32            | 19                       | 1,627                        | 4               | 21.05          |  |  |  |  |  |  |  |  |
| MAINE  | 2,802         | 840                      | 821                          | 17              | 2.02           | 491           | 590                      | 3,292                        | 13              | 1.15           |  |  |  |  |  |  |  |  |
| MARYLAND   | 1,898         | 721                      | 1,041                        | 27              | 3.74           | 1,609         | 1,379                    | 2,348                        | 16              | 1.47           |  |  |  |  |  |  |  |  |
| MICHIGAN   | 7,895         | 1,490                    | 517                          | 44              | 2.95           | 1,527         | 1,705                    | 3,807                        | 25              | 0.40           |  |  |  |  |  |  |  |  |
| MINNESOTA  | 11,875        | 1,015                    | 234                          | 34              | 3.35           | 838           | 960                      | 1,370                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| MISSISSIPPI  | 2,941         | 275                      | 256                          | 12              | 4.36           | 2             | 1                        | 3,133                        | 13              | 1.35           |  |  |  |  |  |  |  |  |
| MISSOURI   | 5,456         | 361                      | 181                          | 16              | 4.43           | 120           | 61                       | 1,393                        | 1               | 1.64           |  |  |  |  |  |  |  |  |
| MONTANA  | 11,346        | 714                      | 172                          | 8               | 1.12           | 339           | 374                      | 3,023                        | 8               | 2.14           |  |  |  |  |  |  |  |  |
| NEBRASKA   | 9,249         | 283                      | 84                           | 10              | 3.53           | 7             | 3                        | 1,174                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| NEVADA   | 2,465         | 134                      | 149                          | 9               | 6.72           | 95            | 156                      | 4,499                        | 4               | 2.56           |  |  |  |  |  |  |  |  |
| NEW HAMPSHIRE  | 1,244         | 333                      | 733                          | 7               | 2.10           | 96            | 79                       | 2,255                        | 1               | 1.27           |  |  |  |  |  |  |  |  |
| NEW JERSEY   | 1,287         | 927                      | 1,973                        | 23              | 2.48           | 386           | 201                      | 1,427                        | 1               | 0.50           |  |  |  |  |  |  |  |  |
| NEW MEXICO   | 2,559         | 251                      | 269                          | 19              | 7.57           | 1,037         | 782                      | 2,066                        | 14              | 1.79           |  |  |  |  |  |  |  |  |
| NEW YORK   | 10,806        | 4,408                    | 1,118                        | 120             | 2.72           | 1,029         | 15                       | 1,417                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| NORTH CAROLINA   | 9,342         | 3,423                    | 1,004                        | 161             | 4.70           | 462           | 284                      | 1,584                        | 5               | 1.76           |  |  |  |  |  |  |  |  |
| NORTH DAKOTA   | 8,053         | 231                      | 79                           | 7               | 3.03           | 197           | 201                      | 2,795                        | 4               | 1.99           |  |  |  |  |  |  |  |  |
| OHIO   | 7,324         | 2,200                    | 823                          | 64              | 2.91           | 624           | 379                      | 1,664                        | 6               | 1.58           |  |  |  |  |  |  |  |  |
| OKLAHOMA   | 13,319        | 1,403                    | 289                          | 15              | 1.31           | 5             | 1                        | 3,372                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| OREGON   | 9,040         | 1,143                    | 346                          | 83              | 3.41           | 5             | 1                        | 548                          | 0               | 0.00           |  |  |  |  |  |  |  |  |
| PENNSYLVANIA   | 8,673         | 2,437                    | 770                          | 3               | 5.88           | 3,902         | 4,621                    | 3,245                        | 49              | 1.06           |  |  |  |  |  |  |  |  |
| RHODE ISLAND   | 143           | 51                       | 977                          | 30              | 4.94           | 91            | 41                       | 1,234                        | 1               | 2.44           |  |  |  |  |  |  |  |  |
| SOUTH CAROLINA   | 4,015         | 607                      | 414                          | 9               | 5.59           | 27            | 8                        | 812                          | 0               | 0.00           |  |  |  |  |  |  |  |  |
| SOUTH DAKOTA   | 7,335         | 161                      | 60                           | 84              | 4.34           | 18            | 12                       | 2,307                        | 3               | 0.65           |  |  |  |  |  |  |  |  |
| TENNESSEE  | 10,770        | 1,937                    | 493                          | 68              | 2.91           | 545           | 459                      | 1,826                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| TEXAS  | 20,612        | 2,339                    | 311                          | 58              | 4.34           | 18            | 12                       | 2,788                        | 305             | 1.63           |  |  |  |  |  |  |  |  |
| UTAH   | 4,736         | 2,233                    | 135                          | 14              | 6.01           | 18            | 12                       | 2,788                        | 305             | 1.63           |  |  |  |  |  |  |  |  |
| VERMONT  | 1,402         | 406                      | 453                          | 17              | 4.19           | 27            | 8                        | 812                          | 0               | 0.00           |  |  |  |  |  |  |  |  |
| VIRGINIA   | 2,522         | 1,304                    | 548                          | 44              | 3.57           | 3             | 5                        | 4,565                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| WASHINGTON   | 6,522         | 1,306                    | 424                          | 12              | 3.27           | 545           | 459                      | 1,826                        | 3               | 0.65           |  |  |  |  |  |  |  |  |
| WEST VIRGINIA  | 2,773         | 336                      | 24                           | 34              | 3.68           | 18            | 12                       | 2,788                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| WISCONSIN  | 7,236         | 923                      | 349                          | 34              | 3.68           | 18            | 12                       | 2,788                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| WYOMING  | 7,583         | 416                      | 130                          | 13              | 3.13           | 18            | 12                       | 2,788                        | 0               | 0.00           |  |  |  |  |  |  |  |  |
| SUBTOTAL   | 310,580       | 46,700                   | 412                          | 1,652           | 3.54           | 18,440        | 18,764                   | 2,788                        | 305             | 1.63           |  |  |  |  |  |  |  |  |
| INCOMPLETE DATA  |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |
| FLORIDA  |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |
| INDIANA  |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |
| MASSACHUSETTS  |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |
| VERMONT  |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |
| $\lambda$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                 |                |               |                          |                              |                 |                |  |  |  |  |  |  |  |  |

**TABLE 3-6. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**

**NONFEDERAL-AID LOCAL HIGHWAYS**

| STATE   | RURAL         |                          |                              |                 | URBAN   |               |                          |                              |                 |         |  |  |
|---|---------------|--------------------------|------------------------------|-----------------|---------|---------------|--------------------------|------------------------------|-----------------|---------|--|--|
|   | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |         | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |         |  |  |
|   |               |                          |                              | NUMBER          | RATE 1/ |               |                          |                              | NUMBER          | RATE 1/ |  |  |
| COMPLETE DATA                                     |               |                          |                              |                 |         |               |                          |                              |                 |         |  |  |
| ALABAMA   | 48,459        | 3,024                    | 171                          | 267             | 8.83    | 10,101        | 2,124                    | 576                          | 163             | 7.67    |  |  |
| ALASKA  | 7,146         | 1,004                    | 155                          | 12              | 2.97    | 1,339         | 446                      | 913                          | 4               | 0.90    |  |  |
| ARIZONA   | 54,715        | 1,613                    | 81                           | 136             | 6.43    | 6,347         | 1,334                    | 576                          | 46              | 3.45    |  |  |
| ARKANSAS  | 44,571        | 1,945                    | 54                           | 59              | 5.55    | 4,786         | 611                      | 350                          | 14              | 2.29    |  |  |
| CALIFORNIA  | 73,512        | 7,337                    | 222                          | 222             | 3.03    | 43,913        | 23,438                   | 1,452                        | 286             | 1.22    |  |  |
| COLORADO  | 41,375        | 780                      | 52                           | 22              | 2.82    | 7,387         | 3,224                    | 1,496                        | 26              | 0.81    |  |  |
| CONNECTICUT                                       | 6,029         | 865                      | 33                           | 22              | 2.54    | 6,757         | 1,713                    | 1,713                        | 32              | 1.75    |  |  |
| DELAWARE  | 2,695         | 427                      | 434                          | 18              | 4.22    | 1,072         | 1,855                    | 1,155                        | 2               | 0.14    |  |  |
| DIST. OF COL.                                     |               |                          |                              |                 |         | 14,054        | 4,825                    | 1,991                        | 139             | 2.88    |  |  |
| GEORGIA   | 55,975        | 2,820                    | 138                          | 81              | 2.87    | 8,502         | 1,264                    | 3,559                        | 7               | 0.55    |  |  |
| HAWAII  | 1,650         | 484                      | 804                          | 10              | 2.07    | 1,302         | 1,264                    | 289                          | 4               | 2.74    |  |  |
| IDAHO   | 7,146         | 1,026                    | 49                           | 53              | 5.17    | 21,755        | 6,784                    | 854                          | 138             | 2.93    |  |  |
| ILLINOIS  | 76,707        | 3,313                    | 118                          | 85              | 2.57    | 5,293         | 1,113                    | 576                          | 15              | 1.35    |  |  |
| IOWA  | 65,205        | 1,438                    | 60                           | 39              | 2.71    | 6,135         | 1,481                    | 661                          | 12              | 0.81    |  |  |
| KANSAS  | 83,473        | 1,225                    | 40                           | 55              | 4.49    | 1,740         | 1,740                    | 970                          | 26              | 1.49    |  |  |
| KENTUCKY  | 41,575        | 1,894                    | 125                          | 89              | 4.70    | 8,814         | 892                      | 277                          | 24              | 2.59    |  |  |
| LOUISIANA   | 31,169        | 2,037                    | 179                          | 80              | 3.93    | 1,435         | 207                      | 395                          | 13              | 6.28    |  |  |
| MAINE   | 11,885        | 864                      | 199                          | 28              | 3.24    | 8,314         | 1,698                    | 560                          | 34              | 2.00    |  |  |
| MARYLAND  | 10,425        | 1,098                    | 125                          | 51              | 4.64    | 17,675        | 3,545                    | 549                          | 99              | 2.79    |  |  |
| MICHIGAN  | 58,866        | 2,411                    | 289                          | 124             | 5.14    | 9,758         | 2,553                    | 717                          | 22              | 0.86    |  |  |
| MINNESOTA   | 80,750        | 2,324                    | 79                           | 69              | 2.97    | 4,820         | 1,218                    | 632                          | 39              | 3.20    |  |  |
| MISSISSIPPI                                       | 43,947        | 2,164                    | 135                          | 75              | 3.47    | 10,451        | 1,065                    | 279                          | 46              | 4.32    |  |  |
| MISSOURI  | 73,584        | 2,955                    | 110                          | 71              | 2.40    | 1,665         | 748                      | 1,231                        | 13              | 0.27    |  |  |
| MONTANA   | 46,825        | 769                      | 45                           | 21              | 2.73    | 3,586         | 572                      | 437                          | 2               | 2.27    |  |  |
| NEBRASKA  | 59,201        | 1,173                    | 71                           | 46              | 3.92    | 2,220         | 410                      | 506                          | 11              | 2.68    |  |  |
| NEVADA  | 34,126        | 268                      | 22                           | 9               | 3.36    | 1,395         | 233                      | 458                          | 5               | 2.15    |  |  |
| NEW HAMPSHIRE                                     | 8,499         | 488                      | 157                          | 26              | 5.33    | 15,789        | 10,071                   | 1,748                        | 58              | 0.58    |  |  |
| NEW JERSEY  | 7,563         | 847                      | 307                          | 31              | 3.56    | 4,179         | 7,199                    | 778                          | 20              | 1.73    |  |  |
| NEW MEXICO  | 37,599        | 764                      | 56                           | 46              | 6.02    | 25,361        | 3,325                    | 728                          | 168             | 2.33    |  |  |
| NEW YORK  | 48,517        | 2,563                    | 218                          | 263             | 3.34    | 12,505        | 7,258                    | 689                          | 94              | 2.03    |  |  |
| NORTH CAROLINA                                    | 51,254        | 3,862                    | 137                          | 9               | 10.26   | 1,026         | 11,516                   | 1,516                        | 1               | 0.39    |  |  |
| NORTH DAKOTA                                      | 59,954        | 2,722                    | 33                           | 29              | 1.25    | 20,933        | 3,025                    | 1,015                        | 215             | 1.95    |  |  |
| OHIO  | 57,600        | 9,067                    | 432                          | 149             | 6.44    | 8,164         | 3,025                    | 1,473                        | 54              | 1.79    |  |  |
| OKLAHOMA  | 56,277        | 1,756                    | 70                           | 113             | 2.37    | 5,709         | 985                      | 24                           | 24              | 2.44    |  |  |
| OREGON  | 55,825        | 1,437                    | 52                           | 13              | 2.45    | 19,585        | 5,399                    | 755                          | 198             | 3.57    |  |  |
| PENNSYLVANIA                                      | 60,846        | 5,421                    | 244                          | 133             | 1.23    | 3,154         | 1,019                    | 855                          | 13              | 1.28    |  |  |
| RHODE ISLAND                                      | 1,098         | 300                      | 749                          | 4               | 8.33    | 6,433         | 598                      | 255                          | 44              | 7.36    |  |  |
| SOUTH CAROLINA                                    | 35,818        | 1,856                    | 142                          | 148             | 2.95    | 1,132         | 242                      | 538                          | 5               | 2.06    |  |  |
| SOUTH DAKOTA                                      | 47,073        | 1,543                    | 32                           | 16              | 6.32    | 10,327        | 2,012                    | 807                          | 5               | 2.29    |  |  |
| TENNESSEE   | 47,125        | 1,548                    | 50                           | 101             | 6.32    | 57,527        | 22,021                   | 1,006                        | 42              | 2.00    |  |  |
| TEXAS   | 142,108       | 4,311                    | 83                           | 352             | 8.17    | 4,010         | 1,971                    | 1,006                        | 21              | 1.40    |  |  |
| UTAH  | 34,035        | 498                      | 40                           | 17              | 3.41    | 5,360         | 4,587                    | 1,262                        | 46              | 1.60    |  |  |
| VIRGINIA  | 33,040        | 2,919                    | 242                          | 103             | 3.93    | 10,617        | 758                      | 196                          | 43              | 5.57    |  |  |
| WASHINGTON  | 46,410        | 502                      | 30                           | 46              | 9.16    | 1,959         | 288                      | 416                          | 5               | 1.74    |  |  |
| WEST VIRGINIA                                     | 20,993        | 764                      | 100                          | 43              | 4.68    | 9,481         | 4,477                    | 1,254                        | 23              | 0.36    |  |  |
| WISCONSIN   | 56,834        | 2,223                    | 92                           | 104             | 3.60    | 1,078         | 150                      | 391                          | 3               | 2.00    |  |  |
| WYOMING   | 23,302        | 250                      | 29                           | 9               | 3.60    |               |                          |                              |                 |         |  |  |
| SUBTOTAL  | 2,072,989     | 86,399                   | 114                          | 3,621           | 4.19    | 434,841       | 145,685                  | 918                          | 2,770           | 1.90    |  |  |
| INCOMPLETE DATA                                   |               |                          |                              |                 |         |               |                          |                              |                 |         |  |  |
| FLORIDA   |               |                          |                              |                 |         |               |                          |                              |                 |         |  |  |
| INDIANA   |               |                          |                              |                 |         |               |                          |                              |                 |         |  |  |
| MASSACHUSETTS                                     |               |                          |                              |                 |         |               |                          |                              |                 |         |  |  |
| VERMONT   |               |                          |                              |                 |         |               |                          |                              |                 |         |  |  |
| 1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                 |         |               |                          |                              |                 |         |  |  |

**TABLE 4-A. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**FEDERAL-AID INTERSTATE HIGHWAYS**

| STATE  | RURAL         |                          |                              | STATE           | URBAN         |                          |                              | RATE $\sqrt$ |                           |              |
|--|---------------|--------------------------|------------------------------|-----------------|---------------|--------------------------|------------------------------|--------------|---------------------------|--------------|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE |                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE |              | NONFATAL INJURY ACCIDENTS |              |
|  |               |                          |                              |                 |               |                          |                              |              | NUMBER                    | RATE $\sqrt$ |
| COMPLETE DATA  |               |                          |                              | COMPLETE DATA   |               |                          |                              |              |                           |              |
| ALABAMA  | 621           | 3,378                    | 14,907                       | 258             | 2,981         | 31,656                   | 774                          | 25.96        |                           |              |
| ALASKA   | 1,047         | 1,700                    | 11,832                       | 42              | 1,442         | 28,822                   | 268                          | 60.83        |                           |              |
| ARIZONA  | 1,044         | 4,309                    | 11,308                       | 117             | 1,925         | 48,077                   | 82                           | 42.91        |                           |              |
| ARKANSAS   | 419           | 2,084                    | 13,496                       | 123             | 1,259         | 28,934                   | 262                          | 20.17        |                           |              |
| CALIFORNIA   | 1,416         | 10,504                   | 20,324                       | 973             | 41,492        | 116,803                  | 13,385                       | 32.58        |                           |              |
| COLORADO   | 760           | 2,810                    | 10,130                       | 164             | 3,473         | 54,678                   | 1,392                        | 60.86        |                           |              |
| CONNECTICUT  | 108           | 1,225                    | 31,076                       | 232             | 5,828         | 68,824                   | 2,509                        | 49.51        |                           |              |
| DELAWARE   | -             | -                        | -                            | 41              | 839           | 56,064                   | 253                          | 30.13        |                           |              |
| DIST. OF COL.  | -             | -                        | -                            | 341             | 8,510         | 59,176                   | 4,214                        | 48.94        |                           |              |
| GEORGIA  | 891           | 6,918                    | 21,272                       | 32              | 888           | 76,027                   | 548                          | 61.71        |                           |              |
| HAWAII   | 5             | 70                       | 38,356                       | 150.00          | 105           | 15,860                   | 122                          | 29.68        |                           |              |
| IDAHO  | 534           | 1,222                    | 6,270                        | 27.66           | 411           | 15,860                   | 122                          | 29.68        |                           |              |
| ILLINOIS   | 1,306         | 5,968                    | 12,520                       | 20.53           | 10,829        | 60,921                   | 7,299                        | 67.40        |                           |              |
| IOWA   | 653           | 2,647                    | 11,106                       | 15.49           | 1,075         | 22,482                   | 298                          | 27.72        |                           |              |
| KANSAS   | 656           | 1,865                    | 7,789                        | 22.04           | 1,662         | 27,765                   | 966                          | 58.12        |                           |              |
| KENTUCKY   | 579           | 3,881                    | 18,364                       | 16.44           | 2,627         | 44,155                   | 1,036                        | 39.44        |                           |              |
| KENTUCKY   | 532           | 3,555                    | 18,308                       | 638             | 3,436         | 52,590                   | 1,858                        | 54.07        |                           |              |
| LOUISIANA  | 276           | 1,229                    | 12,200                       | 26.08           | 305           | 17,426                   | 197                          | 64.59        |                           |              |
| MAINE  | 165           | 2,258                    | 37,493                       | 31.57           | 6,927         | 84,724                   | 2,234                        | 32.25        |                           |              |
| MARYLAND   | 707           | 4,814                    | 18,655                       | 28.61           | 9,068         | 57,642                   | 4,264                        | 47.02        |                           |              |
| MICHIGAN   | 688           | 2,105                    | 8,382                        | 51.10           | 3,827         | 52,164                   | 1,313                        | 34.31        |                           |              |
| MINNESOTA  | 564           | 2,236                    | 10,862                       | 122             | 1,098         | 24,658                   | 279                          | 27.23        |                           |              |
| MISSISSIPPI  | 1,141         | 1,490                    | 3,578                        | 375             | 1,142         | 8,457                    | 26                           | 18.31        |                           |              |
| MONTANA  | 444           | 1,524                    | 9,404                        | 230             | 579           | 42,873                   | 348                          | 60.10        |                           |              |
| NEBRASKA   | 503           | 1,200                    | 6,536                        | 15.09           | 633           | 41,292                   | 589                          | 93.05        |                           |              |
| NEVADA   | 179           | 1,098                    | 16,806                       | 31.83           | 540           | 35,225                   | 71                           | 13.15        |                           |              |
| NEW HAMPSHIRE  | 138           | 1,770                    | 37,885                       | 184             | 1,570         | 79,768                   | 3,391                        | 44.80        |                           |              |
| NEW JERSEY   | 911           | 2,798                    | 8,415                        | 13.05           | 7,876         | 26,339                   | 628                          | 74.23        |                           |              |
| NEW MEXICO   | 857           | 4,855                    | 15,521                       | 767             | 11,969        | 51,317                   | 7,571                        | 63.26        |                           |              |
| NEW YORK   | 56            | 4,969                    | 21,453                       | 24.80           | 2,972         | 35,058                   | 665                          | 25.86        |                           |              |
| NORTH CAROLINA   | 523           | 7,073                    | 22,674                       | 1,146           | 1,149         | 9,720                    | 41                           | 27.52        |                           |              |
| NORTH CAROLINA   | 870           | 3,323                    | 12,573                       | 427             | 2,720         | 48,314                   | 5,790                        | 47.98        |                           |              |
| OHIO   | 584           | 2,879                    | 13,506                       | 546             | 2,52          | 36,710                   | 1,364                        | 50.15        |                           |              |
| OKLAHOMA   | 1,164         | 6,956                    | 16,372                       | 1,915           | 5,733         | 46,771                   | 1,889                        | 48.26        |                           |              |
| PENNSYLVANIA   | 674           | 1,83                     | 19,961                       | 22              | 829           | 43,676                   | 2,568                        | 44.75        |                           |              |
| RHODE ISLAND   | 636           | 4,289                    | 17,434                       | 408             | 1,932         | 35,493                   | 482                          | 51.46        |                           |              |
| SOUTH CAROLINA   | 788           | 1,227                    | 5,286                        | 234             | 4,170         | 11,089                   | 161                          | 33.83        |                           |              |
| SOUTH CAROLINA   | 2,256         | 5,441                    | 18,917                       | 19.07           | 4,243         | 43,214                   | 12,107                       | 89.65        |                           |              |
| TENNESSEE  | 745           | 1,667                    | 12,961                       | 928             | 22,419        | 65,402                   | 16,477                       | 73.50        |                           |              |
| TEXAS  | 765           | 5,313                    | 19,028                       | 2,541           | 1,879         | 55,402                   | 844                          | 44.92        |                           |              |
| UTAH   | 508           | 3,052                    | 16,460                       | 1,292           | 6,213         | 39,000                   | 2,228                        | 33.75        |                           |              |
| VIRGINIA   | 389           | 1,797                    | 12,656                       | 785             | 6,203         | 70,530                   | 3,087                        | 49.69        |                           |              |
| WASHINGTON   | 466           | 2,728                    | 16,039                       | 560             | 2,018         | 23,988                   | 327                          | 41.90        |                           |              |
| WEST VIRGINIA  | 854           | 1,430                    | 4,534                        | 531             | 1,145         | 49,364                   | 1,059                        | 52.38        |                           |              |
| WISCONSIN  | 854           | 1,430                    | 4,534                        | 531             | 1,145         | 49,364                   | 1,059                        | 52.38        |                           |              |
| WYOMING  | 854           | 1,430                    | 4,534                        | 531             | 1,145         | 49,364                   | 1,059                        | 52.38        |                           |              |
| SUBTOTAL   | 29,713        | 141,909                  | 13,087                       | 9,630           | 203,549       | 57,909                   | 96,743                       | 47.53        |                           |              |
| INCOMPLETE DATA  |               |                          |                              | INCOMPLETE DATA |               |                          |                              |              |                           |              |
| FLORIDA  |               |                          |                              | DIST. OF COL.   |               |                          |                              |              |                           |              |
| INDIANA  |               |                          |                              | FLORIDA         |               |                          |                              |              |                           |              |
| MASSACHUSETTS  |               |                          |                              | INDIANA         |               |                          |                              |              |                           |              |
| MISSOURI   |               |                          |                              | MASSACHUSETTS   |               |                          |                              |              |                           |              |
| VERMONT  |               |                          |                              | MISSOURI        |               |                          |                              |              |                           |              |
| VERMONT  |               |                          |                              | VERMONT         |               |                          |                              |              |                           |              |
| $\sqrt$ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                 |               |                          |                              |              |                           |              |

**TABLE 4-B. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**

**OTHER FEDERAL-AID PRIMARY HIGHWAYS**

| STATE           | RURAL         |                          |                              |         | URBAN              |               |                          |                              | STATE   | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS |                    | RATE <sup>1/</sup> |        |
|-----------------|---------------|--------------------------|------------------------------|---------|--------------------|---------------|--------------------------|------------------------------|---------|---------------|--------------------------|------------------------------|---------------------------|--------------------|--------------------|--------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NUMBER  | RATE <sup>1/</sup> | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE |         |               |                          |                              | NUMBER                    | RATE <sup>1/</sup> |                    |        |
|                 |               |                          |                              |         |                    |               |                          |                              |         |               |                          |                              |                           |                    |                    | NUMBER |
| COMPLETE DATA   |               |                          |                              |         |                    |               |                          |                              |         |               |                          |                              |                           |                    |                    |        |
| ALABAMA         | 5,841         | 7,075                    | 3,319                        | 3,740   | 52.86              | 852           | 4,315                    | 13,875                       | 2,806   | 65.03         | COMPLETE DATA            |                              |                           |                    |                    |        |
| ALASKA          | 1,011         | 446                      | 1,209                        | 1,170   | 40.58              | 32            | 189                      | 16,182                       | 183     | 98.93         | ALABAMA                  |                              |                           |                    |                    |        |
| ARIZONA         | 3,685         | 3,368                    | 2,504                        | 1,170   | 34.74              | 265           | 1,297                    | 13,409                       | 2,703   | 208.40        | ALASKA                   |                              |                           |                    |                    |        |
| ARKANSAS        | 4,714         | 4,897                    | 2,846                        | 1,483   | 30.28              | 472           | 1,830                    | 10,622                       | 1,273   | 59.56         | ARIZONA                  |                              |                           |                    |                    |        |
| CALIFORNIA      | 9,576         | 19,220                   | 5,499                        | 11,194  | 58.24              | 1,492         | 31,512                   | 57,865                       | 17,064  | 59.31         | ARKANSAS                 |                              |                           |                    |                    |        |
| COLORADO        | 3,877         | 3,851                    | 2,721                        | 1,983   | 51.43              | 582           | 2,913                    | 18,180                       | 4,724   | 123.17        | CALIFORNIA               |                              |                           |                    |                    |        |
| CONNECTICUT     | 689           | 1,970                    | 7,833                        | 1,801   | 91.42              | 582           | 4,028                    | 18,965                       | 6,340   | 157.36        | COLORADO                 |                              |                           |                    |                    |        |
| DELAWARE        | 334           | 1,560                    | 12,796                       | 843     | 54.04              | 98            | 849                      | 23,735                       | 1,228   | 144.84        | CONNECTICUT              |                              |                           |                    |                    |        |
| DIST. OF COL.   |               |                          |                              |         |                    |               |                          |                              |         |               | DELAWARE                 |                              |                           |                    |                    |        |
| GEORGIA         | 8,600         | 10,098                   | 3,217                        | 6,599   | 56.34              | 1,470         | 8,558                    | 15,935                       | 14,840  | 164.82        | DELAWARE                 |                              |                           |                    |                    |        |
| HAWAII          | 387           | 991                      | 7,016                        | 77.19   | 77.19              | 147           | 1,358                    | 30,922                       | 1,503   | 144.31        | GEORGIA                  |                              |                           |                    |                    |        |
| IDAHO           | 2,619         | 1,768                    | 1,849                        | 1,088   | 61.53              | 1,920         | 12,506                   | 17,485                       | 25,796  | 108.33        | HAWAII                   |                              |                           |                    |                    |        |
| ILLINOIS        | 7,850         | 8,895                    | 3,104                        | 6,140   | 51.53              | 707           | 2,258                    | 11,435                       | 508     | 268.57        | IDAHO                    |                              |                           |                    |                    |        |
| IOWA            | 7,132         | 5,019                    | 2,028                        | 2,976   | 43.28              | 339           | 1,475                    | 8,426                        | 3,549   | 159.43        | ILLINOIS                 |                              |                           |                    |                    |        |
| KANSAS          | 7,732         | 5,217                    | 1,948                        | 2,176   | 45.28              | 41.71         | 2,843                    | 11,921                       | 2,305   | 156.27        | IOWA                     |                              |                           |                    |                    |        |
| KENTUCKY        | 2,305         | 5,190                    | 4,702                        | 3,573   | 68.84              | 485           | 3,445                    | 16,467                       | 3,626   | 127.54        | KANSAS                   |                              |                           |                    |                    |        |
| LOUISIANA       | 2,651         | 4,520                    | 4,757                        | 3,114   | 65.84              | 183           | 1,182                    | 19,461                       | 6,442   | 187.00        | KENTUCKY                 |                              |                           |                    |                    |        |
| MAINE           | 1,825         | 2,724                    | 4,085                        | 1,964   | 72.10              | 544           | 4,995                    | 11,707                       | 1,608   | 205.63        | LOUISIANA                |                              |                           |                    |                    |        |
| MARYLAND        | 1,650         | 11,478                   | 9,522                        | 4,407   | 178.50             | 1,003         | 12,281                   | 33,546                       | 8,216   | 66.90         | MAINE                    |                              |                           |                    |                    |        |
| MICHIGAN        | 6,275         | 7,188                    | 2,256                        | 2,500   | 44.05              | 584           | 3,253                    | 15,924                       | 3,571   | 109.78        | MARYLAND                 |                              |                           |                    |                    |        |
| MINNESOTA       | 8,729         | 2,299                    | 1,176                        | 1,224   | 111.99             | 352           | 1,532                    | 11,924                       | 2,032   | 132.64        | MICHIGAN                 |                              |                           |                    |                    |        |
| MISSISSIPPI     | 5,370         | 5,068                    | 2,586                        | 2,500   | 49.33              | 108           | 372                      | 9,437                        | 83      | 22.31         | MINNESOTA                |                              |                           |                    |                    |        |
| MISSOURI        | 6,933         | 3,818                    | 1,509                        | 1,416   | 37.09              | 262           | 1,269                    | 13,270                       | 2,449   | 192.99        | MISSISSIPPI              |                              |                           |                    |                    |        |
| MONTANA         | 1,788         | 1,148                    | 1,759                        | 509     | 44.34              | 58            | 511                      | 24,138                       | 313     | 61.25         | MONTANA                  |                              |                           |                    |                    |        |
| NEBRASKA        | 961           | 1,939                    | 5,528                        | 1,068   | 55.08              | 171           | 891                      | 14,275                       | 912     | 102.36        | NEBRASKA                 |                              |                           |                    |                    |        |
| NEVADA          | 821           | 3,308                    | 11,039                       | 3,377   | 102.09             | 649           | 6,480                    | 27,355                       | 13,094  | 202.07        | NEVADA                   |                              |                           |                    |                    |        |
| NEW HAMPSHIRE   | 3,366         | 2,798                    | 2,277                        | 1,148   | 41.03              | 2,009         | 863                      | 12,444                       | 208.57  | NEW HAMPSHIRE |                          |                              |                           |                    |                    |        |
| NEW JERSEY      | 6,435         | 9,851                    | 4,194                        | 21,283  | 216.05             | 2,658         | 5,279                    | 28,900                       | 27,938  | 131.83        | NEW JERSEY               |                              |                           |                    |                    |        |
| NEW MEXICO      | 5,405         | 8,311                    | 5,922                        | 5,177   | 62.29              | 129           | 425                      | 21,980                       | 4,195   | 79.47         | NEW MEXICO               |                              |                           |                    |                    |        |
| NEW YORK        | 5,045         | 1,738                    | 881                          | 541     | 31.13              | 1,587         | 7,693                    | 9,026                        | 666     | 156.71        | NEW YORK                 |                              |                           |                    |                    |        |
| NORTH CAROLINA  | 4,958         | 9,142                    | 4,965                        | 6,263   | 68.51              | 432           | 2,010                    | 12,747                       | 14,431  | 187.59        | NORTH CAROLINA           |                              |                           |                    |                    |        |
| NORTH DAKOTA    | 4,874         | 4,975                    | 3,072                        | 1,865   | 34.12              | 400           | 2,600                    | 17,808                       | 3,760   | 84.23         | NORTH DAKOTA             |                              |                           |                    |                    |        |
| OHIO            | 7,773         | 14,532                   | 5,122                        | 12,544  | 86.32              | 2,235         | 18,652                   | 23,879                       | 17,520  | 93.93         | OHIO                     |                              |                           |                    |                    |        |
| OKLAHOMA        | 161           | 325                      | 5,531                        | 201     | 61.85              | 713           | 4,127                    | 3,637                        | 17,996  | 575.64        | OKLAHOMA                 |                              |                           |                    |                    |        |
| OREGON          | 4,958         | 7,097                    | 3,922                        | 3,681   | 51.87              | 110           | 4,437                    | 15,858                       | 4,921   | 119.24        | OREGON                   |                              |                           |                    |                    |        |
| PENNSYLVANIA    | 5,691         | 2,163                    | 1,041                        | 744     | 34.40              | 684           | 5,817                    | 10,884                       | 9,478   | 182.51        | PENNSYLVANIA             |                              |                           |                    |                    |        |
| RHODE ISLAND    | 5,227         | 7,677                    | 3,884                        | 5,138   | 66.33              | 1,847         | 16,744                   | 18,029                       | 17,859  | 122.00        | RHODE ISLAND             |                              |                           |                    |                    |        |
| SOUTH CAROLINA  | 14,859        | 21,065                   | 3,884                        | 8,660   | 41.11              | 1,102         | 6,000                    | 7,837                        | 17,859  | 156.83        | SOUTH CAROLINA           |                              |                           |                    |                    |        |
| SOUTH DAKOTA    | 2,522         | 1,611                    | 1,750                        | 914     | 56.73              | 605           | 4,206                    | 13,430                       | 6,045   | 120.00        | SOUTH DAKOTA             |                              |                           |                    |                    |        |
| TENNESSEE       | 4,394         | 9,395                    | 5,413                        | 7,122   | 75.81              | 605           | 4,206                    | 13,430                       | 6,045   | 120.00        | TENNESSEE                |                              |                           |                    |                    |        |
| TEXAS           | 2,258         | 3,190                    | 3,164                        | 3,161   | 62.30              | 135           | 4,950                    | 18,745                       | 3,617   | 86.49         | TEXAS                    |                              |                           |                    |                    |        |
| UTAH            | 8,219         | 10,619                   | 3,527                        | 5,511   | 117.52             | 939           | 5,032                    | 14,745                       | 1,436   | 151.37        | UTAH                     |                              |                           |                    |                    |        |
| VIRGINIA        | 2,854         | 1,438                    | 1,380                        | 509     | 35.40              | 127           | 407                      | 8,780                        | 482     | 118.43        | VIRGINIA                 |                              |                           |                    |                    |        |
| WASHINGTON      |               |                          |                              |         |                    |               |                          |                              |         |               | WASHINGTON               |                              |                           |                    |                    |        |
| WEST VIRGINIA   |               |                          |                              |         |                    |               |                          |                              |         |               | WEST VIRGINIA            |                              |                           |                    |                    |        |
| WISCONSIN       |               |                          |                              |         |                    |               |                          |                              |         |               | WISCONSIN                |                              |                           |                    |                    |        |
| WYOMING         |               |                          |                              |         |                    |               |                          |                              |         |               | WYOMING                  |                              |                           |                    |                    |        |
| SUBTOTAL        | 208,058       | 256,236                  | 3,374                        | 172,292 | 67.24              | 27,651        | 213,660                  | 21,170                       | 261,052 | 122.18        | SUBTOTAL                 |                              |                           |                    |                    |        |
| INCOMPLETE DATA |               |                          |                              |         |                    |               |                          |                              |         |               | INCOMPLETE DATA          |                              |                           |                    |                    |        |
| FLORIDA         |               |                          |                              |         |                    |               |                          |                              |         |               | FLORIDA                  |                              |                           |                    |                    |        |
| INDIANA         |               |                          |                              |         |                    |               |                          |                              |         |               | INDIANA                  |                              |                           |                    |                    |        |
| MASSACHUSETTS   |               |                          |                              |         |                    |               |                          |                              |         |               | MASSACHUSETTS            |                              |                           |                    |                    |        |
| MISSOURI        |               |                          |                              |         |                    |               |                          |                              |         |               | MISSOURI                 |                              |                           |                    |                    |        |
| VERMONT         |               |                          |                              |         |                    |               |                          |                              |         |               | VERMONT                  |                              |                           |                    |                    |        |

<sup>1/</sup> NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 4-C. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**FEDERAL-AID URBAN HIGHWAYS**

| STATE           | ARTERIAL      |                          |                              |         | NONFATAL INJURY ACCIDENTS |                 | STATE  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | COLLECTOR                |                              |                           |         |
|-----------------|---------------|--------------------------|------------------------------|---------|---------------------------|-----------------|--------|---------------|--------------------------|------------------------------|--------------------------|------------------------------|---------------------------|---------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NUMBER  | RATE 1/                   | HIGHWAY MILES   |        |               |                          |                              | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS |         |
|                 |               |                          |                              |         |                           |                 |        |               |                          |                              |                          |                              | NUMBER                    | RATE 1/ |
| COMPLETE DATA   |               |                          |                              |         |                           |                 |        |               |                          |                              |                          |                              |                           |         |
| ALABAMA         | 1,515         | 3,775                    | 6,827                        | 4,115   | 109.01                    | ALABAMA         | 1,230  | 1,299         | 2,893                    | 3,288                        | 253.12                   |                              |                           |         |
| ALASKA          | 79            | 504                      | 17,479                       | 984     | 195.24                    | ALASKA          | 188    | 188           | 3,202                    | 268                          | 146.55                   |                              |                           |         |
| ARIZONA         | 2,377         | 4,704                    | 5,422                        | 11,806  | 250.98                    | ARIZONA         | 714    | 929           | 3,565                    | 1,109                        | 113.36                   |                              |                           |         |
| ARKANSAS        | 833           | 1,543                    | 5,075                        | 1,584   | 102.66                    | ARKANSAS        | 268    | 959           | 1,513                    | 857                          | 198.74                   |                              |                           |         |
| CALIFORNIA      | 12,319        | 58,986                   | 13,118                       | 106,623 | 180.84                    | CALIFORNIA      | 4,750  | 5,725         | 3,281                    | 8,874                        | 155.00                   |                              |                           |         |
| COLORADO        | 1,733         | 5,760                    | 9,106                        | 10,322  | 179.20                    | COLORADO        | 551    | 1,455         | 2,262                    | 556                          | 122.20                   |                              |                           |         |
| CONNECTICUT     | 1,232         | 4,185                    | 9,207                        | 10,457  | 255.82                    | CONNECTICUT     | 1,726  | 1,984         | 3,149                    | 4,633                        | 233.52                   |                              |                           |         |
| DELAWARE        | 1,157         | 4,704                    | 12,295                       | 10,457  | 197.82                    | DELAWARE        | 148    | 2,289         | 5,442                    | 431                          | 146.60                   |                              |                           |         |
| GEORGIA         | 2,142         | 6,612                    | 16,457                       | 9,251   | 140.21                    | GEORGIA         | 1,826  | 2,289         | 3,434                    | 2,750                        | 120.14                   |                              |                           |         |
| HAWAII          | 149           | 825                      | 15,145                       | 1,835   | 222.42                    | HAWAII          | 178    | 424           | 6,526                    | 735                          | 173.35                   |                              |                           |         |
| IDAHO           | 442           | 1,178                    | 7,302                        | 1,910   | 162.14                    | IDAHO           | 283    | 220           | 2,130                    | 322                          | 146.36                   |                              |                           |         |
| ILLINOIS        | 3,623         | 14,415                   | 10,901                       | 29,409  | 204.02                    | ILLINOIS        | 3,079  | 5,998         | 5,337                    | 11,377                       | 189.68                   |                              |                           |         |
| IOWA            | 1,447         | 2,340                    | 4,431                        | 3,704   | 158.29                    | IOWA            | 965    | 633           | 1,797                    | 1,230                        | 194.31                   |                              |                           |         |
| KANSAS          | 1,084         | 2,809                    | 7,100                        | 5,311   | 189.07                    | KANSAS          | 484    | 306           | 1,732                    | 490                          | 160.13                   |                              |                           |         |
| KENTUCKY        | 1,090         | 3,703                    | 9,308                        | 6,838   | 184.66                    | KENTUCKY        | 761    | 1,191         | 4,288                    | 1,774                        | 148.95                   |                              |                           |         |
| LOUISIANA       | 1,322         | 3,935                    | 8,155                        | 6,759   | 171.77                    | LOUISIANA       | 896    | 341           | 3,217                    | 180                          | 20.09                    |                              |                           |         |
| MAINE           | 347           | 984                      | 7,769                        | 2,083   | 211.69                    | MAINE           | 360    | 360           | 2,595                    | 630                          | 184.75                   |                              |                           |         |
| MARYLAND        | 1,438         | 8,011                    | 15,263                       | 15,939  | 198.96                    | MARYLAND        | 686    | 1,377         | 5,499                    | 2,870                        | 208.42                   |                              |                           |         |
| MICHIGAN        | 4,257         | 15,657                   | 10,077                       | 7,704   | 49.20                     | MICHIGAN        | 1,153  | 2,069         | 4,916                    | 1,926                        | 93.09                    |                              |                           |         |
| MINNESOTA       | 1,552         | 5,694                    | 10,052                       | 8,525   | 149.72                    | MINNESOTA       | 640    | 2,696         | 2,979                    | 1,926                        | 143.10                   |                              |                           |         |
| MISSISSIPPI     | 942           | 1,986                    | 5,776                        | 2,886   | 145.32                    | MISSISSIPPI     | 749    | 627           | 2,293                    | 963                          | 153.59                   |                              |                           |         |
| MONTANA         | 231           | 520                      | 6,167                        | 324     | 62.31                     | MONTANA         | 91     | 87            | 2,619                    | 115                          | 132.18                   |                              |                           |         |
| NEBRASKA        | 649           | 1,811                    | 7,645                        | 4,480   | 247.38                    | NEBRASKA        | 404    | 441           | 2,991                    | 1,002                        | 227.21                   |                              |                           |         |
| NEVADA          | 465           | 2,227                    | 13,121                       | 5,293   | 237.67                    | NEVADA          | 92     | 168           | 5,003                    | 209                          | 124.40                   |                              |                           |         |
| NEW HAMPSHIRE   | 385           | 986                      | 7,017                        | 1,772   | 179.72                    | NEW HAMPSHIRE   | 337    | 303           | 2,463                    | 543                          | 175.21                   |                              |                           |         |
| NEW JERSEY      | 3,539         | 14,506                   | 11,230                       | 43,372  | 298.99                    | NEW JERSEY      | 1,808  | 2,958         | 4,482                    | 8,753                        | 295.91                   |                              |                           |         |
| NEW MEXICO      | 463           | 1,997                    | 11,817                       | 5,171   | 258.94                    | NEW MEXICO      | 1,43   | 2,280         | 5,364                    | 363                          | 129.64                   |                              |                           |         |
| NEW YORK        | 5,173         | 20,730                   | 10,979                       | 43,004  | 207.45                    | NEW YORK        | 3,529  | 4,831         | 3,751                    | 6,252                        | 157.80                   |                              |                           |         |
| NORTH DAKOTA    | 260           | 432                      | 4,552                        | 648     | 150.00                    | NORTH DAKOTA    | 203    | 173           | 2,325                    | 273                          | 137.80                   |                              |                           |         |
| OHIO            | 3,617         | 10,354                   | 7,843                        | 25,250  | 243.87                    | OHIO            | 4,108  | 3,786         | 2,525                    | 11,182                       | 295.25                   |                              |                           |         |
| OKLAHOMA        | 2,237         | 6,188                    | 7,579                        | 7,659   | 123.77                    | OKLAHOMA        | 711    | 664           | 2,455                    | 1,744                        | 112.05                   |                              |                           |         |
| OREGON          | 1,067         | 3,126                    | 8,027                        | 7,989   | 255.57                    | OREGON          | 916    | 981           | 2,934                    | 2,251                        | 226.46                   |                              |                           |         |
| PENNSYLVANIA    | 3,833         | 8,744                    | 6,250                        | 17,704  | 202.47                    | PENNSYLVANIA    | 3,150  | 4,249         | 3,734                    | 3,181                        | 318.07                   |                              |                           |         |
| RHODE ISLAND    | 493           | 2,075                    | 11,531                       | 3,233   | 155.81                    | RHODE ISLAND    | 52     | 70            | 1,530                    | 792                          | 138.46                   |                              |                           |         |
| SOUTH CAROLINA  | 637           | 2,354                    | 10,125                       | 3,658   | 143.59                    | SOUTH CAROLINA  | 522    | 770           | 3,965                    | 1,004                        | 130.39                   |                              |                           |         |
| SOUTH DAKOTA    | 280           | 351                      | 3,434                        | 504     | 149.71                    | SOUTH DAKOTA    | 55     | 65            | 1,799                    | 50                           | 138.46                   |                              |                           |         |
| TENNESSEE       | 1,325         | 5,105                    | 10,556                       | 10,195  | 199.71                    | TENNESSEE       | 1,795  | 2,031         | 3,163                    | 3,437                        | 169.23                   |                              |                           |         |
| TEXAS           | 6,025         | 23,174                   | 10,538                       | 22,323  | 95.94                     | TEXAS           | 1,543  | 1,624         | 2,872                    | 3,437                        | 9.73                     |                              |                           |         |
| UTAH            | 533           | 2,711                    | 13,935                       | 5,694   | 206.34                    | UTAH            | 387    | 1,624         | 2,872                    | 158                          | 189.74                   |                              |                           |         |
| VIRGINIA        | 2,010         | 8,706                    | 13,230                       | 16,992  | 174.14                    | VIRGINIA        | 1,337  | 1,770         | 5,451                    | 1,461                        | 175.42                   |                              |                           |         |
| WASHINGTON      | 2,216         | 8,176                    | 10,108                       | 2,950   | 116.81                    | WASHINGTON      | 1,682  | 2,078         | 3,668                    | 3,140                        | 137.30                   |                              |                           |         |
| WEST VIRGINIA   | 385           | 1,156                    | 9,266                        | 2,136   | 189.57                    | WEST VIRGINIA   | 400    | 468           | 3,205                    | 2,853                        | 73.50                    |                              |                           |         |
| WISCONSIN       | 2,061         | 5,501                    | 7,313                        | 3,867   | 70.30                     | WISCONSIN       | 810    | 589           | 2,330                    | 344                          | 132.95                   |                              |                           |         |
| WYOMING         | 241           | 407                      | 4,627                        | 368     | 90.42                     | WYOMING         | 270    | 196           | 1,989                    | 213                          | 108.67                   |                              |                           |         |
| SUBTOTAL        | 78,195        | 280,647                  | 9,833                        | 490,508 | 174.78                    | SUBTOTAL        | 46,313 | 57,795        | 3,419                    | 94,835                       | 164.09                   |                              |                           |         |
| INCOMPLETE DATA |               |                          |                              |         |                           | INCOMPLETE DATA |        |               |                          |                              |                          |                              |                           |         |
| DIST. OF COL.   |               |                          |                              |         |                           | DIST. OF COL.   |        |               |                          |                              |                          |                              |                           |         |
| FLORIDA         |               |                          |                              |         |                           | FLORIDA         |        |               |                          |                              |                          |                              |                           |         |
| INDIANA         |               |                          |                              |         |                           | INDIANA         |        |               |                          |                              |                          |                              |                           |         |
| MASSACHUSETTS   |               |                          |                              |         |                           | MASSACHUSETTS   |        |               |                          |                              |                          |                              |                           |         |
| MISSOURI        |               |                          |                              |         |                           | MISSOURI        |        |               |                          |                              |                          |                              |                           |         |
| NORTH CAROLINA  |               |                          |                              |         |                           | NORTH CAROLINA  |        |               |                          |                              |                          |                              |                           |         |
| VERMONT         |               |                          |                              |         |                           | VERMONT         |        |               |                          |                              |                          |                              |                           |         |

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 4-D. NONFATAL INJURY ACCIDENTS  
BY STATE AND HIGHWAY SYSTEM - 1986  
FEDERAL-AID SECONDARY HIGHWAYS**

| STATE           | COLLECTOR, RURAL |                          |                              |                           |                    |
|-----------------|------------------|--------------------------|------------------------------|---------------------------|--------------------|
|                 | HIGHWAY MILES    | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS |                    |
|                 |                  |                          |                              | NUMBER                    | RATE <sup>1/</sup> |
| COMPLETE DATA   |                  |                          |                              |                           |                    |
| ALABAMA         | 11,405           | 4,045                    | 972                          | 1,433                     | 35.43              |
| ALASKA          | 1,851            | 470                      | 696                          | 306                       | 65.11              |
| ARIZONA         | 3,299            | 1,731                    | 1,438                        | 817                       | 47.20              |
| ARKANSAS        | 7,173            | 1,502                    | 574                          | 694                       | 46.21              |
| CALIFORNIA      | 11,088           | 7,244                    | 1,790                        | 17,221                    | 237.73             |
| COLORADO        | 3,411            | 1,205                    | 968                          | 926                       | 76.85              |
| CONNECTICUT     | 902              | 1,167                    | 3,545                        | 1,366                     | 117.05             |
| DELAWARE        | 602              | 547                      | 2,489                        | 492                       | 89.95              |
| DIST. OF COL.   | -                | -                        | -                            | -                         | -                  |
| GEORGIA         | 13,996           | 5,325                    | 1,042                        | 5,015                     | 94.18              |
| HAWAII          | 450              | 414                      | 2,521                        | 350                       | 84.54              |
| IDAHO           | 4,191            | 977                      | 639                          | 885                       | 90.58              |
| ILLINOIS        | 12,938           | 3,924                    | 831                          | 3,855                     | 98.24              |
| IOWA            | 13,490           | 2,216                    | 450                          | 1,564                     | 70.58              |
| KANSAS          | 22,611           | 2,454                    | 297                          | 1,696                     | 69.11              |
| KENTUCKY        | 7,252            | 4,351                    | 1,644                        | 4,756                     | 109.31             |
| LOUISIANA       | 7,351            | 4,732                    | 1,764                        | 5,245                     | 110.84             |
| MAINE           | 2,730            | 1,507                    | 1,512                        | 1,342                     | 89.05              |
| MARYLAND        | 1,894            | 1,885                    | 2,727                        | 2,951                     | 156.55             |
| MICHIGAN        | 16,986           | 7,336                    | 1,183                        | 600                       | 8.18               |
| MINNESOTA       | 16,640           | 3,446                    | 567                          | 2,286                     | 66.34              |
| MISSISSIPPI     | 11,726           | 2,957                    | 691                          | 1,411                     | 47.72              |
| MONTANA         | 4,691            | 456                      | 266                          | 348                       | 76.32              |
| NEBRASKA        | 11,434           | 1,160                    | 278                          | 914                       | 78.79              |
| NEVADA          | 2,315            | 813                      | 962                          | 490                       | 60.27              |
| NEW HAMPSHIRE   | 1,230            | 867                      | 1,931                        | 710                       | 81.89              |
| NEW JERSEY      | 1,722            | 2,923                    | 4,651                        | 3,429                     | 117.31             |
| NEW MEXICO      | 3,951            | 1,262                    | 875                          | 957                       | 75.83              |
| NEW YORK        | 6,306            | 4,978                    | 2,163                        | 14,024                    | 281.72             |
| NORTH CAROLINA  | 10,297           | 9,921                    | 2,640                        | 8,747                     | 88.17              |
| NORTH DAKOTA    | 10,535           | 742                      | 193                          | 332                       | 44.74              |
| OHIO            | 11,610           | 8,246                    | 1,946                        | 7,672                     | 93.04              |
| OKLAHOMA        | 11,178           | 3,579                    | 877                          | 1,337                     | 37.36              |
| OREGON          | 7,791            | 1,861                    | 654                          | 2,028                     | 108.97             |
| PENNSYLVANIA    | 8,039            | 5,463                    | 1,862                        | 6,267                     | 114.72             |
| RHODE ISLAND    | 197              | 116                      | 1,613                        | 128                       | 110.34             |
| SOUTH CAROLINA  | 8,517            | 4,047                    | 1,302                        | 2,638                     | 65.18              |
| SOUTH DAKOTA    | 10,993           | 769                      | 192                          | 435                       | 56.57              |
| TENNESSEE       | 5,471            | 2,708                    | 1,356                        | 2,760                     | 101.92             |
| TEXAS           | 32,623           | 13,480                   | 1,132                        | 9,279                     | 68.84              |
| UTAH            | 2,604            | 685                      | 721                          | 496                       | 72.41              |
| VIRGINIA        | 10,206           | 5,739                    | 1,541                        | 6,774                     | 118.03             |
| WASHINGTON      | 7,205            | 4,407                    | 1,676                        | 9,227                     | 209.37             |
| WEST VIRGINIA   | 6,360            | 3,439                    | 1,481                        | 4,392                     | 127.71             |
| WISCONSIN       | 12,409           | 3,436                    | 759                          | 5,225                     | 152.07             |
| WYOMING         | 2,293            | 409                      | 489                          | 229                       | 55.99              |
| SUBTOTAL        | 361,963          | 140,941                  | 1,067                        | 144,049                   | 102.21             |
| INCOMPLETE DATA |                  |                          |                              |                           |                    |
| FLORIDA         |                  |                          |                              |                           |                    |
| INDIANA         |                  |                          |                              |                           |                    |
| MASSACHUSETTS   |                  |                          |                              |                           |                    |
| MISSOURI        |                  |                          |                              |                           |                    |
| VERMONT         |                  |                          |                              |                           |                    |

<sup>1/</sup> NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.



**TABLE 4-E. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**NONFEDERAL-AID ARTERIAL HIGHWAYS**

| STATE  | RURAL         |                          |                              |                           | STATE                |               | URBAN                    |                              |                           |                      |   |   |   |   |
|--|---------------|--------------------------|------------------------------|---------------------------|----------------------|---------------|--------------------------|------------------------------|---------------------------|----------------------|---|---|---|---|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS |                      | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS |                      |   |   |   |   |
|  |               |                          |                              | NUMBER                    | RATE $\frac{1}{100}$ |               |                          |                              | NUMBER                    | RATE $\frac{1}{100}$ |   |   |   |   |
| COMPLETE DATA  |               |                          |                              |                           |                      |               |                          |                              |                           |                      |   |   |   |   |
| ALABAMA  | 1             | 1                        | 2,740                        | 0                         | 0.00                 | 222           | 474                      | 5,850                        | 586                       | 123.63               |   |   |   |   |
| ALASKA   | -             | -                        | 3,082                        | 8                         | 42.11                | 1             | 1                        | 2,740                        | 1                         | 0.00                 |   |   |   |   |
| ARIZONA  | 17            | 19                       | 1,468                        | 44                        | 22.68                | 26            | 96                       | 10,116                       | 53                        | 58.21                |   |   |   |   |
| ARKANSAS   | 362           | 194                      | 22,740                       | 72                        | 450.00               | 411           | 465                      | 3,100                        | 225                       | 48.35                |   |   |   |   |
| CALIFORNIA   | 16            | 16                       | 1,096                        | 0                         | 0.00                 | 1,287         | 3,338                    | 7,106                        | 5,237                     | 156.89               |   |   |   |   |
| COLORADO   | 5             | 20                       | 6,088                        | 25                        | 125.00               | 27            | 4                        | 406                          | 0                         | 0.00                 |   |   |   |   |
| CONNECTICUT  | 9             | 1                        | 2,740                        | 0                         | 0.00                 | 41            | 203                      | 13,565                       | 197                       | 97.04                |   |   |   |   |
| DELAWARE   | 1             | 1                        | -                            | 0                         | -                    | 4             | 1                        | 685                          | 1                         | 100.00               |   |   |   |   |
| DIST. OF COL.  | -             | -                        | -                            | -                         | -                    | 11            | 13                       | 3,238                        | 0                         | 0.00                 |   |   |   |   |
| GEORGIA  | -             | -                        | -                            | -                         | -                    | 2             | 12                       | 16,438                       | 0                         | 0.00                 |   |   |   |   |
| HAWAII   | 10            | 19                       | 5,205                        | 0                         | 0.00                 | 54            | 108                      | 5,479                        | 123                       | 113.89               |   |   |   |   |
| IDAHO  | 1             | 1                        | 2,740                        | 2                         | 200.00               | 133           | 133                      | 9,110                        | 124                       | 93.23                |   |   |   |   |
| ILLINOIS   | -             | -                        | -                            | -                         | -                    | 9             | 4                        | 1,218                        | 25                        | 625.00               |   |   |   |   |
| INDIANA  | -             | -                        | -                            | -                         | -                    | 215           | 658                      | 8,385                        | 1,717                     | 260.94               |   |   |   |   |
| IOWA   | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| KANSAS   | 48            | 68                       | 3,881                        | 25                        | 36.76                | 292           | 602                      | 5,648                        | 361                       | 59.97                |   |   |   |   |
| KENTUCKY   | -             | -                        | -                            | -                         | -                    | 14            | 80                       | 15,656                       | 32                        | 40.00                |   |   |   |   |
| LOUISIANA  | 9             | 23                       | 7,002                        | 5                         | 21.74                | 19            | 34                       | 10,350                       | 71                        | 208.82               |   |   |   |   |
| MAINE  | 40            | 140                      | 9,589                        | 48                        | 34.29                | 807           | 453                      | 1,538                        | 332                       | 73.29                |   |   |   |   |
| MARYLAND   | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| MASSACHUSETTS  | -             | -                        | -                            | -                         | -                    | 33            | 10                       | 830                          | 0                         | 0.00                 |   |   |   |   |
| MICHIGAN   | -             | -                        | -                            | -                         | -                    | 36            | 60                       | 4,566                        | 95                        | 158.33               |   |   |   |   |
| MINNESOTA  | 250           | 54                       | 592                          | 8                         | 14.81                | 25            | 100                      | 10,959                       | 89                        | 89.00                |   |   |   |   |
| MISSISSIPPI  | 51            | 19                       | 1,021                        | 0                         | 0.00                 | 18            | 98                       | 14,916                       | 27                        | 27.55                |   |   |   |   |
| MONTANA  | -             | -                        | -                            | -                         | -                    | 266           | 3,018                    | 31,085                       | 2,226                     | 73.76                |   |   |   |   |
| NEBRASKA   | -             | -                        | -                            | -                         | -                    | 51            | 79                       | 4,244                        | 605                       | 765.82               |   |   |   |   |
| NEVADA   | 23            | 134                      | 15,962                       | 33                        | 24.63                | 118           | 640                      | 14,860                       | 0                         | 0.00                 |   |   |   |   |
| NEW HAMPSHIRE  | 113           | 816                      | 19,784                       | 544                       | 66.67                | 5             | 4                        | 848                          | 0                         | 0.00                 |   |   |   |   |
| NEW JERSEY   | -             | -                        | -                            | -                         | -                    | 167           | 110                      | 2,055                        | 0                         | 0.00                 |   |   |   |   |
| NEW MEXICO   | -             | -                        | -                            | -                         | -                    | 69            | 179                      | 7,107                        | 52                        | 47.27                |   |   |   |   |
| NEW YORK   | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | 63                        | 35.20                |   |   |   |   |
| NORTH DAKOTA   | 2             | 1                        | 1,370                        | 0                         | 0.00                 | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| OHIO   | 223           | 305                      | 3,747                        | 27                        | 8.85                 | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| OKLAHOMA   | 185           | 122                      | 1,807                        | 73                        | 55.84                | 260           | 594                      | 6,259                        | 941                       | 158.42               |   |   |   |   |
| OREGON   | -             | -                        | -                            | -                         | -                    | 10            | 37                       | 10,137                       | 59                        | 267.57               |   |   |   |   |
| PENNSYLVANIA   | -             | -                        | -                            | -                         | -                    | 1,925         | 5,800                    | 8,250                        | 1,247                     | 21.50                |   |   |   |   |
| RHODE ISLAND   | 14            | 8                        | 1,566                        | 1                         | 12.50                | 41            | 34                       | 2,272                        | 61                        | 179.41               |   |   |   |   |
| SOUTH CAROLINA   | 1             | 1                        | 2,740                        | 0                         | 0.00                 | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| SOUTH DAKOTA   | 3             | 8                        | 7,306                        | 0                         | 0.00                 | 124           | 680                      | 15,024                       | 74                        | 10.88                |   |   |   |   |
| TENNESSEE  | -             | -                        | -                            | -                         | -                    | 11            | 8                        | 1,993                        | 0                         | 0.00                 |   |   |   |   |
| TEXAS  | -             | -                        | -                            | -                         | -                    | 128           | 322                      | 6,892                        | 319                       | 99.07                |   |   |   |   |
| UTAH   | 310           | 303                      | 2,678                        | 1                         | 0.33                 | 3             | 5                        | 4,566                        | 0                         | 0.00                 |   |   |   |   |
| VERMONT  | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| VIRGINIA   | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| WASHINGTON   | 1             | 1                        | 2,740                        | 0                         | 0.00                 | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| WEST VIRGINIA  | 248           | 108                      | 1,193                        | 59                        | 54.63                | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| WISCONSIN  | -             | -                        | -                            | -                         | -                    | 6,767         | 18,457                   | 7,473                        | 14,982                    | 81.17                |   |   |   |   |
| WYOMING  | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    |   |   |   |   |
| SUBTOTAL   | 1,943         | 2,384                    | 3,362                        | 975                       | 40.90                |               |                          |                              |                           |                      |   |   |   |   |
| INCOMPLETE DATA  |               |                          |                              |                           |                      |               |                          |                              |                           |                      |   |   |   |   |
| FLORIDA  | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    | - | - | - | - |
| INDIANA  | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    | - | - | - | - |
| MASSACHUSETTS  | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    | - | - | - | - |
| MISSOURI   | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    | - | - | - | - |
| NORTH CAROLINA   | -             | -                        | -                            | -                         | -                    | -             | -                        | -                            | -                         | -                    | - | - | - | - |
| $\frac{1}{100}$ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                           |                      |               |                          |                              |                           |                      |   |   |   |   |

TABLE 4-F. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID COLLECTOR HIGHWAYS

| STATE           | RURAL         |                          |                              |                           | URBAN          |               |                          |                              |                           |                |
|-----------------|---------------|--------------------------|------------------------------|---------------------------|----------------|---------------|--------------------------|------------------------------|---------------------------|----------------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS | RATE $\lambda$ | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS | RATE $\lambda$ |
|                 |               |                          |                              |                           |                |               |                          |                              |                           |                |
| COMPLETE DATA   |               |                          |                              |                           |                |               |                          |                              |                           |                |
| ALABAMA         | 7,010         | 1,030                    | 403                          | 483                       | 46.89          | 464           | 481                      | 2,840                        | 1,216                     | 252.81         |
| ALASKA          | 881           | 155                      | 482                          | 151                       | 97.42          | 54            | 54                       | 3,196                        | 57                        | 90.48          |
| ARIZONA         | 4,328         | 1,770                    | 487                          | 191                       | 24.81          | 380           | 63                       | 1,110                        | 899                       | 157.72         |
| ARKANSAS        | 11,794        | 1,650                    | 383                          | 650                       | 39.39          | 704           | 296                      | 4,152                        | 234                       | 79.05          |
| CALIFORNIA      | 11,693        | 3,028                    | 709                          | 10,160                    | 335.33         | 2,627         | 3,083                    | 3,215                        | 5,090                     | 165.10         |
| COLORADO        | 15,976        | 1,591                    | 273                          | 1,659                     | 104.27         | 104           | 514                      | 2,297                        | 1,283                     | 249.61         |
| CONNECTICUT     | 1,193         | 1,203                    | 129                          | 729                       | 139.12         | 188           | 220                      | 3,206                        | 368                       | 187.27         |
| DELAWARE        | 1,158         | 1,127                    | 11                           | 91                        | 140.00         | 22            | 19                       | 2,366                        | 21                        | 110.53         |
| DIST. OF COL.   |               |                          |                              |                           |                |               |                          |                              |                           |                |
| GEORGIA         | 7,300         | 793                      | 294                          | 1,154                     | 147.38         | 1             | 1                        | 5,164                        | 0                         | 0.00           |
| HAWAII          | 156           | 176                      | 3,091                        | 1                         | 6.57           | 106           | 82                       | 2,119                        | 93                        | 113.41         |
| IDAHO           | 4,661         | 1,450                    | 265                          | 89                        | 13.78          | 151           | 185                      | 2,654                        | 401                       | 215.71         |
| ILLINOIS        | 4,882         | 1,194                    | 670                          | 1,232                     | 103.18         | 73            | 40                       | 1,501                        | 551                       | 132.59         |
| IOWA            | 16,332        | 662                      | 111                          | 1,192                     | 180.06         | 295           | 331                      | 3,074                        | 226                       | 27.31          |
| KANSAS          | 9,404         | 270                      | 179                          | 191                       | 70.74          | 130           | 104                      | 2,192                        | 554                       | 167.37         |
| KENTUCKY        | 9,352         | 1,728                    | 506                          | 2,166                     | 123.35         | 344           | 366                      | 2,833                        | 25                        | 6.83           |
| LOUISIANA       | 4,298         | 1,322                    | 843                          | 1,370                     | 103.63         | 32            | 19                       | 1,627                        | 31                        | 163.16         |
| MAINE           | 2,802         | 840                      | 821                          | 1,025                     | 122.02         | 491           | 590                      | 3,292                        | 733                       | 124.24         |
| MARYLAND        | 1,898         | 721                      | 1,041                        | 1,125                     | 156.03         | 1,609         | 1,379                    | 2,348                        | 616                       | 44.67          |
| MICHIGAN        | 7,895         | 1,490                    | 517                          | 10,344                    | 694.23         | 1,227         | 1,705                    | 3,807                        | 2,893                     | 169.68         |
| MINNESOTA       | 11,875        | 1,015                    | 234                          | 693                       | 68.28          | 2             | 1                        | 1,370                        | 0                         | 0.00           |
| MISSISSIPPI     | 2,941         | 275                      | 256                          | 73                        | 26.55          | 120           | 61                       | 1,393                        | 16                        | 26.23          |
| MONTANA         | 11,346        | 714                      | 172                          | 261                       | 36.55          | -             | -                        | -                            | -                         | -              |
| NEBRASKA        | 9,249         | 283                      | 84                           | 327                       | 115.55         | 339           | 374                      | 3,023                        | 636                       | 170.05         |
| NEVADA          | 2,465         | 134                      | 149                          | 99                        | 73.88          | 7             | 3                        | 1,174                        | 3                         | 100.00         |
| NEW HAMPSHIRE   | 1,244         | 333                      | 733                          | 324                       | 97.30          | 95            | 156                      | 4,499                        | 186                       | 119.23         |
| NEW JERSEY      | 1,287         | 927                      | 1,973                        | 1,194                     | 128.80         | 96            | 79                       | 2,255                        | 926                       | 1,172.15       |
| NEW MEXICO      | 2,559         | 251                      | 269                          | 276                       | 109.96         | 385           | 201                      | 1,427                        | 488                       | 242.79         |
| NEW YORK        | 10,805        | 4,408                    | 1,118                        | 13,780                    | 312.61         | 29            | 15                       | 1,417                        | 17                        | 113.33         |
| NORTH DAKOTA    | 8,053         | 231                      | 79                           | 122                       | 52.81          | -             | -                        | -                            | -                         | -              |
| OHIO            | 7,324         | 2,200                    | 823                          | 2,343                     | 106.50         | 462           | 284                      | 1,684                        | 342                       | 120.42         |
| OKLAHOMA        | 13,319        | 1,403                    | 289                          | 201                       | 14.33          | 197           | 201                      | 2,795                        | 201                       | 100.00         |
| OREGON          | 9,040         | 1,143                    | 346                          | 361                       | 31.58          | -             | -                        | -                            | -                         | -              |
| PENNSYLVANIA    | 8,673         | 2,437                    | 770                          | 3,299                     | 135.37         | -             | -                        | -                            | -                         | -              |
| RHODE ISLAND    | 8,143         | 51                       | 977                          | 45                        | 88.24          | 624           | 379                      | 1,664                        | 491                       | 129.55         |
| SOUTH CAROLINA  | 4,015         | 607                      | 414                          | 337                       | 55.52          | 52            | 64                       | 3,372                        | 86                        | 134.38         |
| SOUTH DAKOTA    | 7,336         | 161                      | 60                           | 94                        | 58.35          | 5             | 1                        | 548                          | 0                         | 0.00           |
| TENNESSEE       | 10,770        | 1,937                    | 493                          | 1,908                     | 98.50          | 3,902         | 4,621                    | 3,245                        | 59                        | 1.28           |
| TEXAS           | 20,612        | 2,239                    | 311                          | 1,542                     | 65.93          | -             | -                        | -                            | -                         | -              |
| UTAH            | 4,756         | 2,232                    | 135                          | 1,177                     | 75.97          | -             | -                        | -                            | -                         | -              |
| VERMONT         | 2,402         | 406                      | 463                          | 686                       | 168.97         | -             | -                        | -                            | -                         | -              |
| VIRGINIA        | 6,152         | 1,304                    | 548                          | 3,430                     | 232.04         | 27            | 8                        | 812                          | 0                         | 0.00           |
| WEST VIRGINIA   | 2,153         | 935                      | 428                          | 357                       | 109.23         | 545           | 459                      | 2,307                        | 613                       | 133.55         |
| WISCONSIN       | 7,235         | 923                      | 365                          | 976                       | 155.74         | 18            | 12                       | 1,826                        | 0                         | 0.00           |
| WYOMING         | 7,563         | 416                      | 150                          | 131                       | 31.49          | -             | -                        | -                            | -                         | -              |
| SUBTOTAL        | 295,782       | 42,916                   | 398                          | 67,049                    | 156.23         | 16,565        | 17,022                   | 2,815                        | 18,948                    | 111.31         |
| INCOMPLETE DATA |               |                          |                              |                           |                |               |                          |                              |                           |                |
| FLORIDA         |               |                          |                              |                           |                |               |                          |                              |                           |                |
| INDIANA         |               |                          |                              |                           |                |               |                          |                              |                           |                |
| MASSACHUSETTS   |               |                          |                              |                           |                |               |                          |                              |                           |                |
| MISSOURI        |               |                          |                              |                           |                |               |                          |                              |                           |                |
| NORTH CAROLINA  |               |                          |                              |                           |                |               |                          |                              |                           |                |
| VERMONT         |               |                          |                              |                           |                |               |                          |                              |                           |                |

$\lambda$  NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 4-G. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986**  
**NONFEDERAL-AID LOCAL HIGHWAYS**

| STATE  | RURAL         |                          |                              |                           | STATE              |               |                          |                              | URBAN                     |                    |               |                          |                              |
|--|---------------|--------------------------|------------------------------|---------------------------|--------------------|---------------|--------------------------|------------------------------|---------------------------|--------------------|---------------|--------------------------|------------------------------|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS |                    | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATAL INJURY ACCIDENTS |                    | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE |
|  |               |                          |                              | NUMBER                    | RATE <sup>1/</sup> |               |                          |                              | NUMBER                    | RATE <sup>1/</sup> |               |                          |                              |
| COMPLETE DATA  |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| ALABAMA  | 48,459        | 3,024                    | 171                          | 3,349                     | 110.75             | 10,101        | 2,124                    | 576                          | 6,766                     | 318.55             |               |                          |                              |
| ALASKA   | 7,146         | 404                      | 155                          | 883                       | 154.56             | 1,339         | 446                      | 913                          | 37                        | 8.30               |               |                          |                              |
| ARIZONA  | 54,715        | 1,613                    | 81                           | 2,492                     | 218.49             | 6,337         | 1,334                    | 576                          | 3,163                     | 237.11             |               |                          |                              |
| ARKANSAS   | 44,971        | 1,045                    | 64                           | 618                       | 59.14              | 4,786         | 611                      | 350                          | 1,239                     | 202.78             |               |                          |                              |
| CALIFORNIA   | 73,912        | 7,337                    | 272                          | 15,461                    | 210.73             | 43,913        | 23,438                   | 1,462                        | 20,007                    | 85.36              |               |                          |                              |
| COLORADO   | 41,375        | 780                      | 52                           | 1,109                     | 142.18             | 7,387         | 3,224                    | 1,196                        | 2,365                     | 73.36              |               |                          |                              |
| CONNECTICUT  | 6,029         | 865                      | 353                          | 1,328                     | 153.53             | 6,757         | 1,833                    | 1,743                        | 4,783                     | 260.94             |               |                          |                              |
| DELAWARE   | 2,695         | 427                      | 434                          | 745                       | 174.47             | 1,072         | 456                      | 1,165                        | 502                       | 110.09             |               |                          |                              |
| DIST. OF COL.  |               |                          |                              |                           |                    | 14,054        | 4,825                    | 941                          | 5,403                     | 111.98             |               |                          |                              |
| GEORGIA  | 55,975        | 2,820                    | 138                          | 3,289                     | 116.63             | 9,902         | 3,839                    | 3,839                        | 983                       | 77.77              |               |                          |                              |
| HAWAII   | 1,650         | 484                      | 804                          | 329                       | 67.98              | 1,382         | 146                      | 289                          | 892                       | 610.96             |               |                          |                              |
| IDAH0  | 57,154        | 1,026                    | 49                           | 1,115                     | 108.67             | 21,755        | 6,784                    | 854                          | 31,681                    | 467.00             |               |                          |                              |
| ILLINOIS   | 76,707        | 3,313                    | 118                          | 4,311                     | 130.12             | 5,233         | 1,113                    | 576                          | 2,163                     | 194.34             |               |                          |                              |
| IOWA   | 65,205        | 1,438                    | 60                           | 1,721                     | 119.68             | 6,135         | 1,481                    | 661                          | 3,275                     | 221.13             |               |                          |                              |
| KANSAS   | 83,473        | 1,225                    | 40                           | 1,858                     | 151.67             | 4,916         | 1,740                    | 970                          | 3,513                     | 201.90             |               |                          |                              |
| KENTUCKY   | 41,575        | 1,894                    | 125                          | 2,873                     | 151.69             | 8,814         | 892                      | 277                          | 8,887                     | 996.30             |               |                          |                              |
| LOUISIANA  | 31,169        | 2,037                    | 179                          | 4,389                     | 215.46             | 1,435         | 207                      | 395                          | 472                       | 228.02             |               |                          |                              |
| MAINE  | 11,885        | 864                      | 199                          | 1,955                     | 226.27             | 1,435         | 1,698                    | 560                          | 9,251                     | 544.82             |               |                          |                              |
| MARYLAND   | 10,425        | 1,098                    | 102                          | 2,000                     | 182.15             | 8,314         | 3,545                    | 549                          | 41,564                    | 1,172.47           |               |                          |                              |
| MICHIGAN   | 58,866        | 2,411                    | 289                          | 15,386                    | 638.16             | 9,758         | 2,553                    | 717                          | 3,205                     | 125.54             |               |                          |                              |
| MINNESOTA  | 80,750        | 2,324                    | 112                          | 15,386                    | 30.25              | 4,870         | 1,218                    | 692                          | 1,518                     | 124.63             |               |                          |                              |
| MISSISSIPPI  | 43,947        | 2,164                    | 135                          | 1,775                     | 54.30              | 1,665         | 1,748                    | 1,231                        | 1,722                     | 230.21             |               |                          |                              |
| MONTANA  | 46,825        | 769                      | 145                          | 1,175                     | 68.53              | 3,586         | 572                      | 437                          | 1,002                     | 175.17             |               |                          |                              |
| NEBRASKA   | 59,201        | 1,173                    | 54                           | 1,527                     | 114.24             | 2,220         | 410                      | 506                          | 1,088                     | 265.37             |               |                          |                              |
| NEVADA   | 34,126        | 1,173                    | 22                           | 1,340                     | 114.24             | 2,220         | 410                      | 506                          | 1,088                     | 265.37             |               |                          |                              |
| NEW HAMPSHIRE  | 8,499         | 488                      | 22                           | 1,151                     | 56.34              | 1,395         | 232                      | 458                          | 1,330                     | 227.47             |               |                          |                              |
| NEW JERSEY   | 7,563         | 947                      | 307                          | 1,124                     | 230.33             | 15,739        | 10,071                   | 1,748                        | 12,806                    | 127.16             |               |                          |                              |
| NEW MEXICO   | 37,593        | 764                      | 96                           | 2,116                     | 265.14             | 8,179         | 1,154                    | 757                          | 2,208                     | 191.33             |               |                          |                              |
| NORTH DAKOTA   | 58,517        | 3,862                    | 216                          | 2,207                     | 146.07             | 25,361        | 7,199                    | 778                          | 32,752                    | 454.95             |               |                          |                              |
| OHIO   | 57,500        | 9,967                    | 33                           | 6,489                     | 69.52              | 20,933        | 11,616                   | 1,529                        | 31,468                    | 182.17             |               |                          |                              |
| OKLAHOMA   | 68,277        | 1,756                    | 432                          | 2,561                     | 71.57              | 8,164         | 3,025                    | 1,015                        | 4,699                     | 270.90             |               |                          |                              |
| OREGON   | 63,825        | 1,437                    | 70                           | 7,224                     | 145.84             | 5,709         | 985                      | 473                          | 2,460                     | 138.78             |               |                          |                              |
| PENNSYLVANIA   | 60,946        | 5,421                    | 62                           | 7,296                     | 50.38              | 3,154         | 5,399                    | 755                          | 23,712                    | 476.24             |               |                          |                              |
| RHODE ISLAND   | 1,098         | 300                      | 749                          | 61                        | 134.59             | 6,433         | 598                      | 255                          | 1,132                     | 111.09             |               |                          |                              |
| SOUTH CAROLINA   | 35,818        | 1,856                    | 32                           | 2,091                     | 20.33              | 1,132         | 243                      | 588                          | 2,198                     | 367.56             |               |                          |                              |
| SOUTH DAKOTA   | 47,073        | 543                      | 142                          | 2,911                     | 112.66             | 1,022         | 301                      | 807                          | 4,699                     | 179.01             |               |                          |                              |
| TENNESSEE  | 47,125        | 1,548                    | 90                           | 5,291                     | 96.50              | 10,227        | 3,012                    | 807                          | 4,699                     | 156.01             |               |                          |                              |
| TEXAS  | 142,108       | 4,311                    | 83                           | 11,461                    | 341.80             | 57,327        | 22,090                   | 1,056                        | 63,000                    | 285.20             |               |                          |                              |
| UTAH   | 34,035        | 498                      | 40                           | 1,082                     | 265.85             | 4,010         | 1,471                    | 1,005                        | 1,929                     | 131.14             |               |                          |                              |
| VIRGINIA   | 33,040        | 2,919                    | 242                          | 3,819                     | 217.27             | 9,960         | 4,587                    | 1,262                        | 5,232                     | 114.06             |               |                          |                              |
| WASHINGTON   | 46,410        | 502                      | 30                           | 5,269                     | 130.83             | 10,617        | 288                      | 196                          | 4,910                     | 647.76             |               |                          |                              |
| WEST VIRGINIA  | 20,993        | 66,234                   | 100                          | 3,106                     | 406.54             | 9,489         | 4,477                    | 416                          | 1,273                     | 442.01             |               |                          |                              |
| WISCONSIN  | 66,234        | 2,223                    | 92                           | 4,231                     | 190.33             | 1,078         | 150                      | 381                          | 11,307                    | 252.56             |               |                          |                              |
| WYOMING  | 23,302        | 250                      | 29                           | 392                       | 156.80             | 1,078         | 150                      | 381                          | 11,307                    | 182.00             |               |                          |                              |
| SUBTOTAL   | 1,948,151     | 80,881                   | 114                          | 152,522                   | 188.58             | 411,885       | 141,295                  | 940                          | 364,464                   | 257.95             |               |                          |                              |
| INCOMPLETE DATA  |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| FLORIDA  |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| INDIANA  |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| MASSACHUSETTS  |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| MISSOURI   |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| NORTH CAROLINA   |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| VERMONT  |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |
| <sup>1/</sup> NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                           |                    |               |                          |                              |                           |                    |               |                          |                              |

**TABLE 5-A. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986**

**FEDERAL-AID INTERSTATE HIGHWAYS**

| STATE           | RURAL         |                          |                              |            | STATE         | URBAN         |                          |                              |                    |        |                    |
|-----------------|---------------|--------------------------|------------------------------|------------|---------------|---------------|--------------------------|------------------------------|--------------------|--------|--------------------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES         |        |                    |
|                 |               |                          |                              | NUMBER     |               |               |                          |                              | RATE <sup>1/</sup> | NUMBER | RATE <sup>1/</sup> |
| COMPLETE DATA   |               |                          |                              |            | COMPLETE DATA |               |                          |                              |                    |        |                    |
| ALABAMA         | 621           | 3,379                    | 14,907                       | 74         | 2.19          | 258           | 2,981                    | 31,656                       | 24                 | 0.81   |                    |
| ALASKA          | 1,047         | 700                      | 1,832                        | 2          | 4.29          | 42            | 442                      | 28,832                       | 11                 | 2.49   |                    |
| ARIZONA         | 1,044         | 4,309                    | 11,308                       | 105        | 2.44          | 117           | 1,925                    | 45,077                       | 27                 | 1.40   |                    |
| ARKANSAS        | 1,419         | 2,064                    | 13,496                       | 27         | 1.31          | 123           | 1,299                    | 28,934                       | 9                  | 0.69   |                    |
| CALIFORNIA      | 1,416         | 10,504                   | 20,324                       | 231        | 2.20          | 973           | 41,482                   | 116,803                      | 289                | 0.70   |                    |
| COLORADO        | 760           | 2,810                    | 10,130                       | 75         | 2.67          | 164           | 3,273                    | 54,678                       | 40                 | 1.22   |                    |
| CONNECTICUT     | 108           | 1,225                    | 31,076                       | 13         | 1.06          | 232           | 5,828                    | 68,824                       | 48                 | 0.82   |                    |
| DELAWARE        | -             | -                        | -                            | -          | -             | 41            | 839                      | 56,064                       | 6                  | 0.72   |                    |
| DIST. OF COL.   | -             | -                        | -                            | -          | -             | 341           | 8,610                    | 69,176                       | 84                 | 0.98   |                    |
| GEORGIA         | 891           | 6,918                    | 21,272                       | 76         | 1.10          | 32            | 888                      | 76,027                       | 3                  | 0.34   |                    |
| HAWAII          | 5             | 6,170                    | 38,356                       | 2          | 2.86          | 71            | 411                      | 15,860                       | 11                 | 2.68   |                    |
| IDAHO           | 534           | 1,222                    | 6,270                        | 27         | 2.21          | 487           | 10,829                   | 60,921                       | 91                 | 0.84   |                    |
| ILLINOIS        | 1,305         | 5,968                    | 12,520                       | 53         | 0.89          | 131           | 1,075                    | 22,482                       | 8                  | 0.74   |                    |
| IOWA            | 1,653         | 2,647                    | 11,106                       | 13         | 0.49          | 164           | 1,662                    | 27,765                       | 20                 | 1.22   |                    |
| KANSAS          | 556           | 1,865                    | 7,789                        | 24         | 1.29          | 179           | 3,436                    | 44,155                       | 32                 | 0.81   |                    |
| KENTUCKY        | 575           | 3,885                    | 18,964                       | 36         | 0.93          | 179           | 3,436                    | 52,590                       | 28                 | 0.62   |                    |
| LOUISIANA       | 532           | 3,555                    | 12,308                       | 46         | 1.29          | 39            | 305                      | 21,426                       | 8                  | 2.78   |                    |
| MAINE           | 276           | 1,225                    | 37,290                       | 9          | 0.97          | 224           | 5,927                    | 64,724                       | 54                 | 0.65   |                    |
| MARYLAND        | 165           | 2,256                    | 18,535                       | 22         | 0.31          | 431           | 9,058                    | 57,642                       | 59                 | 0.65   |                    |
| MICHIGAN        | 707           | 4,814                    | 18,682                       | 15         | 0.93          | 201           | 3,827                    | 52,154                       | 25                 | 1.64   |                    |
| MINNESOTA       | 688           | 2,105                    | 8,382                        | 39         | 1.74          | 122           | 1,098                    | 24,588                       | 18                 | 1.01   |                    |
| MISSISSIPPI     | 564           | 2,236                    | 10,862                       | 54         | 1.48          | 324           | 6,115                    | 54,457                       | 65                 | 1.70   |                    |
| MISSOURI        | 836           | 4,327                    | 14,180                       | 64         | 1.48          | 46            | 42                       | 8,457                        | 1                  | 0.78   |                    |
| MONTANA         | 1,141         | 1,490                    | 3,578                        | 32         | 2.15          | 37            | 579                      | 42,873                       | 8                  | 1.38   |                    |
| NEBRASKA        | 444           | 1,524                    | 9,404                        | 14         | 0.92          | 42            | 533                      | 41,252                       | 10                 | 1.58   |                    |
| NEVADA          | 503           | 1,200                    | 6,536                        | 26         | 2.17          | 42            | 540                      | 39,225                       | 8                  | 1.48   |                    |
| NEW HAMPSHIRE   | 179           | 1,098                    | 16,806                       | 11         | 1.00          | 260           | 7,570                    | 79,768                       | 54                 | 0.71   |                    |
| NEW JERSEY      | 128           | 2,778                    | 37,895                       | 17         | 0.40          | 88            | 846                      | 26,339                       | 19                 | 2.25   |                    |
| NEW MEXICO      | 911           | 2,798                    | 8,415                        | 66         | 2.36          | 639           | 11,969                   | 51,317                       | 104                | 0.87   |                    |
| NEW YORK        | 857           | 4,855                    | 15,521                       | 37         | 0.76          | 201           | 2,572                    | 39,058                       | 45                 | 1.75   |                    |
| NORTH CAROLINA  | 596           | 4,669                    | 21,463                       | 46         | 0.99          | 42            | 149                      | 9,720                        | 2                  | 1.34   |                    |
| NORTH DAKOTA    | 529           | 745                      | 3,858                        | 6          | 0.81          | 690           | 12,168                   | 48,314                       | 100                | 0.82   |                    |
| OHIO            | 870           | 7,073                    | 22,274                       | 52         | 0.74          | 203           | 2,720                    | 36,710                       | 43                 | 1.58   |                    |
| OKLAHOMA        | 724           | 3,323                    | 12,575                       | 50         | 1.50          | 360           | 2,252                    | 46,741                       | 18                 | 0.80   |                    |
| OREGON          | 584           | 2,879                    | 13,506                       | 39         | 1.35          | 360           | 5,739                    | 43,676                       | 42                 | 0.73   |                    |
| PENNSYLVANIA    | 1,164         | 6,956                    | 16,372                       | 75         | 1.08          | 49            | 829                      | 46,352                       | 13                 | 1.57   |                    |
| RHODE ISLAND    | 21            | 153                      | 19,961                       | 2          | 1.31          | 115           | 1,532                    | 36,458                       | 18                 | 1.17   |                    |
| SOUTH CAROLINA  | 674           | 4,289                    | 17,434                       | 62         | 1.45          | 42            | 170                      | 11,059                       | 0                  | 0.00   |                    |
| SOUTH DAKOTA    | 636           | 1,227                    | 5,286                        | 5          | 0.41          | 269           | 4,243                    | 43,214                       | 60                 | 1.41   |                    |
| TENNESSEE       | 788           | 5,441                    | 18,917                       | 60         | 1.10          | 925           | 22,419                   | 66,402                       | 34                 | 1.52   |                    |
| TEXAS           | 2,256         | 10,673                   | 12,963                       | 200        | 1.87          | 132           | 1,879                    | 39,000                       | 18                 | 0.96   |                    |
| UTAH            | 745           | 6,130                    | 6,130                        | 45         | 2.70          | 288           | 6,602                    | 52,804                       | 45                 | 0.68   |                    |
| VIRGINIA        | 765           | 5,313                    | 19,028                       | 45         | 0.85          | 241           | 6,213                    | 70,650                       | 29                 | 0.47   |                    |
| WASHINGTON      | 508           | 3,052                    | 16,460                       | 29         | 0.95          | 90            | 7,788                    | 23,988                       | 10                 | 1.27   |                    |
| WEST VIRGINIA   | 389           | 1,797                    | 12,656                       | 16         | 0.89          | 112           | 2,018                    | 49,364                       | 2                  | 0.10   |                    |
| WISCONSIN       | 466           | 2,728                    | 16,039                       | 16         | 0.59          | 50            | 145                      | 7,945                        | 9                  | 6.21   |                    |
| WYOMING         | 864           | 1,430                    | 4,534                        | 31         | 2.17          | 50            | 145                      | 7,945                        | 9                  | 6.21   |                    |
| SUBTOTAL        | 30,549        | 146,236                  | 13,115                       | 1,962      | 1.34          | 9,954         | 209,964                  | 57,790                       | 1,959              | 0.93   |                    |
| INCOMPLETE DATA |               |                          |                              |            |               |               |                          |                              |                    |        |                    |
| FLORIDA         |               |                          |                              |            |               |               |                          |                              |                    |        |                    |
| INDIANA         |               |                          |                              |            |               |               |                          |                              |                    |        |                    |
| MASSACHUSETTS   |               |                          |                              |            |               |               |                          |                              |                    |        |                    |
| VERMONT         |               |                          |                              |            |               |               |                          |                              |                    |        |                    |

<sup>1/</sup> FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-B. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986**  
**OTHER FEDERAL-AID PRIMARY HIGHWAYS**

| STATE           | RURAL         |                          |                              |            | STATE         | URBAN         |                          |                              |                |        |                |
|-----------------|---------------|--------------------------|------------------------------|------------|---------------|---------------|--------------------------|------------------------------|----------------|--------|----------------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES     |        |                |
|                 |               |                          |                              | NUMBER     |               |               |                          |                              | RATE $\lambda$ | NUMBER | RATE $\lambda$ |
| COMPLETE DATA   |               |                          |                              |            | COMPLETE DATA |               |                          |                              |                |        |                |
| ALABAMA         | 5,841         | 7,075                    | 3,319                        | 156        | 2.20          | 852           | 4,315                    | 13,875                       | 35             | 0.81   |                |
| ALASKA          | 1,011         | 446                      | 1,209                        | 36         | 1.79          | 32            | 1,189                    | 16,182                       | 5              | 2.65   |                |
| ARIZONA         | 3,685         | 3,368                    | 2,504                        | 191        | 5.67          | 265           | 1,297                    | 13,409                       | 68             | 5.24   |                |
| ARKANSAS        | 4,714         | 4,857                    | 2,946                        | 197        | 4.02          | 472           | 1,830                    | 10,622                       | 37             | 2.02   |                |
| CALIFORNIA      | 5,576         | 19,220                   | 5,499                        | 905        | 4.71          | 1,492         | 31,912                   | 57,855                       | 372            | 1.18   |                |
| COLORADO        | 3,877         | 3,851                    | 2,721                        | 121        | 3.14          | 1,435         | 2,913                    | 18,190                       | 69             | 2.37   |                |
| CONNECTICUT     | 689           | 1,970                    | 7,833                        | 47         | 2.39          | 582           | 4,029                    | 18,966                       | 81             | 2.01   |                |
| DELAWARE        | 334           | 1,560                    | 12,796                       | 37         | 2.37          | 98            | 839                      | 23,795                       | 12             | 1.41   |                |
| DIST. OF COL.   |               |                          |                              |            |               | 1,470         | 8,599                    | 15,915                       | 206            | 2.43   |                |
| GEORGIA         | 8,600         | 10,098                   | 3,217                        | 408        | 4.04          | 1,355         | 30,852                   | 30,852                       | 20             | 1.43   |                |
| HAWAII          | 387           | 991                      | 7,016                        | 30         | 3.03          | 46            | 132                      | 11,459                       | 4              | 2.08   |                |
| IDAHO           | 2,619         | 1,768                    | 1,849                        | 77         | 4.36          | 1,920         | 12,506                   | 17,845                       | 290            | 2.32   |                |
| ILLINOIS        | 7,850         | 8,895                    | 3,104                        | 311        | 3.50          | 707           | 2,526                    | 8,626                        | 34             | 1.55   |                |
| IOWA            | 8,133         | 6,019                    | 2,028                        | 170        | 2.82          | 339           | 1,475                    | 11,921                       | 27             | 1.83   |                |
| KANSAS          | 7,734         | 5,217                    | 1,848                        | 202        | 3.87          | 2,843         | 2,843                    | 16,467                       | 47             | 1.65   |                |
| KENTUCKY        | 3,305         | 5,190                    | 4,302                        | 179        | 3.45          | 3,445         | 3,445                    | 19,461                       | 73             | 2.12   |                |
| LOUISIANA       | 2,661         | 4,620                    | 4,757                        | 230        | 4.98          | 183           | 782                      | 11,707                       | 17             | 2.17   |                |
| MAINE           | 1,825         | 2,724                    | 4,089                        | 61         | 2.24          | 544           | 4,995                    | 25,156                       | 119            | 2.38   |                |
| MARYLAND        | 1,650         | 5,614                    | 9,322                        | 168        | 2.99          | 1,003         | 12,281                   | 33,546                       | 123            | 1.00   |                |
| MICHIGAN        | 6,275         | 11,478                   | 5,011                        | 271        | 2.36          | 584           | 3,253                    | 15,261                       | 44             | 1.35   |                |
| MINNESOTA       | 8,729         | 7,188                    | 2,256                        | 159        | 2.21          | 352           | 1,532                    | 11,924                       | 51             | 3.33   |                |
| MISSISSIPPI     | 5,370         | 5,068                    | 2,586                        | 306        | 6.04          | 537           | 3,907                    | 19,933                       | 70             | 1.79   |                |
| MISSOURI        | 6,273         | 7,923                    | 3,460                        | 337        | 4.25          | 108           | 372                      | 9,437                        | 10             | 2.69   |                |
| MONTANA         | 5,355         | 2,299                    | 1,176                        | 94         | 4.09          | 262           | 1,269                    | 13,270                       | 23             | 1.81   |                |
| NEBRASKA        | 6,933         | 3,818                    | 1,509                        | 111        | 2.91          | 58            | 511                      | 24,138                       | 4              | 0.78   |                |
| NEVADA          | 1,788         | 1,148                    | 1,759                        | 58         | 5.05          | 171           | 891                      | 14,275                       | 14             | 1.57   |                |
| NEW HAMPSHIRE   | 821           | 1,939                    | 5,528                        | 39         | 2.01          | 649           | 6,480                    | 27,355                       | 171            | 2.64   |                |
| NEW JERSEY      | 3,308         | 3,308                    | 11,039                       | 119        | 3.60          | 190           | 863                      | 12,444                       | 28             | 3.24   |                |
| NEW MEXICO      | 3,356         | 2,798                    | 2,277                        | 137        | 4.90          | 2,009         | 21,192                   | 28,900                       | 328            | 1.55   |                |
| NORTH CAROLINA  | 3,843         | 8,951                    | 4,194                        | 314        | 3.19          | 558           | 5,279                    | 21,980                       | 144            | 1.44   |                |
| NORTH CAROLINA  | 5,405         | 2,511                    | 5,922                        | 290        | 3.49          | 129           | 425                      | 9,026                        | 10             | 2.35   |                |
| NORTH DAKOTA    | 5,045         | 1,738                    | 1,861                        | 42         | 2.42          | 1,587         | 7,693                    | 13,225                       | 144            | 1.87   |                |
| OHIO            | 4,874         | 9,142                    | 4,955                        | 250        | 3.73          | 432           | 2,010                    | 12,747                       | 43             | 2.14   |                |
| OKLAHOMA        | 4,663         | 4,975                    | 3,072                        | 176        | 3.22          | 400           | 2,600                    | 17,808                       | 33             | 1.74   |                |
| OREGON          | 7,773         | 14,532                   | 5,122                        | 223        | 4.60          | 2,140         | 18,552                   | 23,879                       | 324            | 1.27   |                |
| PENNSYLVANIA    | 161           | 325                      | 5,531                        | 14         | 3.48          | 235           | 4,137                    | 15,858                       | 19             | 6.09   |                |
| RHODE ISLAND    | 4,958         | 7,097                    | 3,922                        | 298        | 4.20          | 884           | 5,977                    | 18,028                       | 59             | 4.43   |                |
| SOUTH CAROLINA  | 5,691         | 2,163                    | 1,041                        | 65         | 3.01          | 110           | 500                      | 13,430                       | 2              | 2.34   |                |
| SOUTH DAKOTA    | 5,227         | 7,677                    | 4,024                        | 334        | 4.35          | 1,847         | 15,744                   | 24,837                       | 136            | 1.80   |                |
| TENNESSEE       | 14,859        | 21,065                   | 3,884                        | 664        | 3.15          | 605           | 4,286                    | 13,409                       | 86             | 2.00   |                |
| TEXAS           | 2,522         | 1,611                    | 1,750                        | 69         | 4.28          | 545           | 4,413                    | 18,745                       | 53             | 1.20   |                |
| UTAH            | 4,755         | 9,395                    | 5,413                        | 355        | 3.11          | 193           | 950                      | 13,486                       | 24             | 2.53   |                |
| VIRGINIA        | 4,394         | 5,074                    | 3,164                        | 158        | 4.98          | 935           | 5,032                    | 14,740                       | 42             | 0.83   |                |
| WASHINGTON      | 2,258         | 3,190                    | 3,871                        | 159        | 2.87          | 127           | 407                      | 8,780                        | 8              | 1.57   |                |
| WEST VIRGINIA   | 8,249         | 10,619                   | 3,527                        | 305        | 3.89          |               |                          |                              |                |        |                |
| WISCONSIN       | 2,854         | 1,438                    | 1,380                        | 56         |               |               |                          |                              |                |        |                |
| WYOMING         |               |                          |                              |            |               |               |                          |                              |                |        |                |
| SUBTOTAL        | 214,331       | 264,159                  | 3,377                        | 9,413      | 3.56          | 28,198        | 217,567                  | 21,146                       | 3,757          | 1.73   |                |
| INCOMPLETE DATA |               |                          |                              |            |               |               |                          |                              |                |        |                |
| FLORIDA         |               |                          |                              |            |               |               |                          |                              |                |        |                |
| INDIANA         |               |                          |                              |            |               |               |                          |                              |                |        |                |
| MASSACHUSETTS   |               |                          |                              |            |               |               |                          |                              |                |        |                |
| VERMONT         |               |                          |                              |            |               |               |                          |                              |                |        |                |

$\lambda$  FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-C. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986**  
**FEDERAL-AID URBAN HIGHWAYS**

| STATE  | ARTERIAL      |                          |                              |            | STATE | COLLECTOR     |                          |                              |            |        |         |  |  |
|--|---------------|--------------------------|------------------------------|------------|-------|---------------|--------------------------|------------------------------|------------|--------|---------|--|--|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |       | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |        |         |  |  |
|  |               |                          |                              | NUMBER     |       |               |                          |                              | RATE 1/    | NUMBER | RATE 1/ |  |  |
| COMPLETE DATA                                |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |
| ALABAMA                                      | 1,515         | 3,775                    | 6,827                        | 51         | 1.35  | 1,230         | 1,299                    | 2,893                        | 77         | 5.93   |         |  |  |
| ALASKA                                       | 79            | 504                      | 17,479                       | 6          | 1.19  | 156           | 188                      | 3,302                        | 5          | 2.66   |         |  |  |
| ARIZONA                                      | 2,377         | 4,704                    | 5,422                        | 278        | 5.91  | 714           | 929                      | 3,565                        | 7          | 0.75   |         |  |  |
| ARKANSAS                                     | 833           | 1,543                    | 5,075                        | 50         | 3.24  | 288           | 159                      | 1,513                        | 4          | 2.52   |         |  |  |
| CALIFORNIA                                   | 12,319        | 58,986                   | 13,118                       | 1,829      | 3.10  | 4,780         | 5,725                    | 3,281                        | 152        | 2.65   |         |  |  |
| COLORADO                                     | 1,232         | 5,260                    | 9,106                        | 103        | 1.79  | 551           | 455                      | 2,252                        | 11         | 2.42   |         |  |  |
| CONNECTICUT                                  | 1,532         | 4,185                    | 5,307                        | 92         | 2.22  | 1,726         | 1,984                    | 3,149                        | 53         | 2.67   |         |  |  |
| DELAWARE                                     | 157           | 4,704                    | 12,285                       | 19         | 2.70  | 1,148         | 5,442                    | 5,442                        | 7          | 2.38   |         |  |  |
| GEORGIA                                      | 2,142         | 6,812                    | 16,256                       | 206        | 3.12  | 1,826         | 2,289                    | 3,431                        | 74         | 3.23   |         |  |  |
| HAWAII                                       | 140           | 825                      | 16,145                       | 23         | 3.03  | 178           | 224                      | 5,256                        | 6          | 1.72   |         |  |  |
| IDAH0  | 442           | 1,178                    | 7,302                        | 21         | 1.78  | 293           | 220                      | 5,139                        | 3          | 1.36   |         |  |  |
| ILLINOIS                                     | 3,623         | 14,415                   | 10,901                       | 290        | 2.01  | 3,079         | 5,958                    | 5,357                        | 105        | 1.78   |         |  |  |
| IOWA   | 1,447         | 2,340                    | 4,431                        | 28         | 1.20  | 965           | 633                      | 1,757                        | 8          | 1.26   |         |  |  |
| KANSAS                                       | 1,084         | 2,909                    | 7,100                        | 34         | 1.21  | 484           | 306                      | 1,732                        | 2          | 0.65   |         |  |  |
| KENTUCKY                                     | 1,090         | 3,703                    | 9,308                        | 65         | 1.76  | 761           | 896                      | 4,288                        | 17         | 1.43   |         |  |  |
| LOUISIANA                                    | 1,322         | 3,935                    | 8,155                        | 105        | 2.67  | 673           | 896                      | 3,217                        | 41         | 4.58   |         |  |  |
| MAINE  | 347           | 984                      | 7,769                        | 3          | 0.30  | 360           | 341                      | 2,595                        | 1          | 0.29   |         |  |  |
| MARYLAND                                     | 1,438         | 8,011                    | 15,263                       | 150        | 1.87  | 686           | 5,499                    | 3,377                        | 41         | 2.98   |         |  |  |
| MICHIGAN                                     | 4,257         | 15,657                   | 10,077                       | 412        | 2.63  | 1,153         | 2,069                    | 4,916                        | 38         | 1.84   |         |  |  |
| MINNESOTA                                    | 1,552         | 5,694                    | 10,052                       | 44         | 0.77  | 640           | 696                      | 2,979                        | 7          | 1.01   |         |  |  |
| MISSISSIPPI                                  | 942           | 1,986                    | 5,776                        | 49         | 2.47  | 749           | 627                      | 2,293                        | 16         | 2.55   |         |  |  |
| MISSOURI                                     | 1,805         | 7,050                    | 10,701                       | 161        | 2.28  | 551           | 614                      | 3,053                        | 7          | 1.14   |         |  |  |
| MONTANA                                      | 231           | 520                      | 6,167                        | 13         | 2.50  | 91            | 87                       | 2,619                        | 2          | 2.30   |         |  |  |
| NEBRASKA                                     | 649           | 1,811                    | 7,645                        | 25         | 1.38  | 404           | 441                      | 2,991                        | 2          | 0.45   |         |  |  |
| NEVADA                                       | 465           | 2,227                    | 13,121                       | 58         | 2.60  | 92            | 168                      | 5,003                        | 2          | 0.60   |         |  |  |
| NEW HAMPSHIRE                                | 385           | 986                      | 7,017                        | 14         | 1.42  | 337           | 303                      | 2,463                        | 9          | 2.97   |         |  |  |
| NEW JERSEY                                   | 3,539         | 14,506                   | 11,230                       | 358        | 2.47  | 1,808         | 2,958                    | 4,482                        | 58         | 1.96   |         |  |  |
| NEW MEXICO                                   | 463           | 1,997                    | 11,817                       | 64         | 3.20  | 143           | 280                      | 5,364                        | 15         | 5.36   |         |  |  |
| NEW YORK                                     | 5,173         | 20,730                   | 10,979                       | 629        | 3.03  | 3,529         | 4,831                    | 3,751                        | 81         | 1.68   |         |  |  |
| NORTH CAROLINA                               | 2,353         | 9,323                    | 10,855                       | 170        | 1.82  | 305           | 352                      | 3,162                        | 11         | 3.13   |         |  |  |
| NORTH DAKOTA                                 | 260           | 432                      | 4,552                        | 3          | 0.69  | 203           | 173                      | 2,335                        | 1          | 0.58   |         |  |  |
| OHIO   | 3,617         | 10,354                   | 7,843                        | 256        | 2.47  | 4,108         | 3,786                    | 2,525                        | 121        | 3.20   |         |  |  |
| OKLAHOMA                                     | 2,237         | 6,188                    | 7,879                        | 73         | 1.18  | 741           | 664                      | 2,455                        | 13         | 1.96   |         |  |  |
| OREGON                                       | 1,067         | 3,126                    | 8,027                        | 105        | 3.36  | 916           | 981                      | 2,534                        | 12         | 1.22   |         |  |  |
| PENNSYLVANIA                                 | 3,833         | 8,744                    | 6,250                        | 241        | 2.76  | 3,150         | 4,293                    | 3,734                        | 42         | 0.98   |         |  |  |
| RHODE ISLAND                                 | 493           | 2,075                    | 11,521                       | 42         | 2.02  | 446           | 249                      | 1,530                        | 10         | 4.02   |         |  |  |
| SOUTH CAROLINA                               | 627           | 2,354                    | 10,125                       | 77         | 3.27  | 532           | 770                      | 3,965                        | 30         | 3.90   |         |  |  |
| SOUTH DAKOTA                                 | 280           | 351                      | 3,434                        | 4          | 1.14  | 95            | 55                       | 1,289                        | 1          | 1.54   |         |  |  |
| TENNESSEE                                    | 1,325         | 5,185                    | 10,556                       | 150        | 2.94  | 1,759         | 2,031                    | 3,163                        | 69         | 3.40   |         |  |  |
| TEXAS  | 6,955         | 23,711                   | 13,938                       | 307        | 1.32  | 1,549         | 1,770                    | 2,972                        | 6          | 0.00   |         |  |  |
| UTAH   | 833           | 2,711                    | 13,935                       | 68         | 2.51  | 1,387         | 5,951                    | 5,951                        | 15         | 1.95   |         |  |  |
| VIRGINIA                                     | 2,010         | 5,706                    | 13,230                       | 170        | 1.75  | 1,337         | 1,790                    | 3,568                        | 37         | 2.07   |         |  |  |
| WASHINGTON                                   | 2,216         | 8,176                    | 10,108                       | 140        | 1.71  | 1,682         | 2,078                    | 3,385                        | 44         | 2.12   |         |  |  |
| WEST VIRGINIA                                | 385           | 1,156                    | 9,226                        | 26         | 2.25  | 400           | 468                      | 3,205                        | 5          | 1.07   |         |  |  |
| WISCONSIN                                    | 2,061         | 5,501                    | 7,313                        | 83         | 1.51  | 810           | 689                      | 2,330                        | 8          | 2.04   |         |  |  |
| WYOMING                                      | 241           | 407                      | 4,627                        | 9          | 2.21  | 270           | 196                      | 1,989                        | 4          | 1.16   |         |  |  |
| SUBTOTAL                                     | 82,354        | 297,020                  | 9,881                        | 7,107      | 2.39  | 47,169        | 58,761                   | 3,413                        | 1,273      | 2.17   |         |  |  |
| INCOMPLETE DATA                              |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |
| DIST. OF COL.                                |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |
| FLORIDA                                      |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |
| INDIANA                                      |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |
| MASSACHUSETTS                                |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |
| VERMONT                                      |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |
| 1/ FATALITIES PER 100 MILLION VEHICLE MILES. |               |                          |                              |            |       |               |                          |                              |            |        |         |  |  |

**TABLE 5-D. FATALITIES  
BY STATE AND HIGHWAY SYSTEM - 1986  
FEDERAL-AID SECONDARY HIGHWAYS**

| STATE           | COLLECTOR, RURAL |                                |                                       |            |                    |
|-----------------|------------------|--------------------------------|---------------------------------------|------------|--------------------|
|                 | HIGHWAY<br>MILES | VEHICLE<br>MILES<br>(MILLIONS) | DAILY<br>VEHICLE<br>MILES<br>PER MILE | FATALITIES |                    |
|                 |                  |                                |                                       | NUMBER     | RATE <sup>1/</sup> |
| COMPLETE DATA   |                  |                                |                                       |            |                    |
| ALABAMA         | 11,405           | 4,045                          | 972                                   | 125        | 3.09               |
| ALASKA          | 1,851            | 470                            | 696                                   | 14         | 2.98               |
| ARIZONA         | 3,299            | 1,731                          | 1,438                                 | 78         | 4.51               |
| ARKANSAS        | 7,173            | 1,502                          | 574                                   | 78         | 5.19               |
| CALIFORNIA      | 11,088           | 7,244                          | 1,790                                 | 512        | 7.07               |
| COLORADO        | 3,411            | 1,205                          | 968                                   | 60         | 4.98               |
| CONNECTICUT     | 902              | 1,167                          | 3,545                                 | 36         | 3.08               |
| DELAWARE        | 602              | 547                            | 2,489                                 | 26         | 4.75               |
| DIST. OF COL.   | -                | -                              | -                                     | -          | -                  |
| GEORGIA         | 13,996           | 5,325                          | 1,042                                 | 211        | 3.96               |
| HAWAII          | 450              | 414                            | 2,521                                 | 17         | 4.11               |
| IDAHO           | 4,191            | 977                            | 639                                   | 41         | 4.20               |
| ILLINOIS        | 12,938           | 3,924                          | 831                                   | 157        | 4.00               |
| IOWA            | 13,490           | 2,216                          | 450                                   | 89         | 4.02               |
| KANSAS          | 22,611           | 2,454                          | 297                                   | 86         | 3.50               |
| KENTUCKY        | 7,252            | 4,351                          | 1,644                                 | 206        | 4.73               |
| LOUISIANA       | 7,351            | 4,732                          | 1,764                                 | 242        | 5.11               |
| MAINE           | 2,730            | 1,507                          | 1,512                                 | 37         | 2.46               |
| MARYLAND        | 1,894            | 1,885                          | 2,727                                 | 96         | 5.09               |
| MICHIGAN        | 16,986           | 7,336                          | 1,183                                 | 347        | 4.73               |
| MINNESOTA       | 16,640           | 3,446                          | 567                                   | 110        | 3.19               |
| MISSISSIPPI     | 11,726           | 2,957                          | 691                                   | 155        | 5.24               |
| MISSOURI        | 18,206           | 4,530                          | 682                                   | 242        | 5.34               |
| MONTANA         | 4,691            | 456                            | 266                                   | 31         | 6.80               |
| NEBRASKA        | 11,434           | 1,160                          | 278                                   | 35         | 3.02               |
| NEVADA          | 2,315            | 813                            | 962                                   | 30         | 3.69               |
| NEW HAMPSHIRE   | 1,230            | 867                            | 1,931                                 | 35         | 4.04               |
| NEW JERSEY      | 1,722            | 2,923                          | 4,651                                 | 94         | 3.22               |
| NEW MEXICO      | 3,951            | 1,262                          | 875                                   | 78         | 6.18               |
| NEW YORK        | 6,306            | 4,978                          | 2,163                                 | 181        | 3.64               |
| NORTH CAROLINA  | 10,297           | 9,921                          | 2,640                                 | 415        | 4.18               |
| NORTH DAKOTA    | 10,535           | 742                            | 193                                   | 17         | 2.29               |
| OHIO            | 11,610           | 8,246                          | 1,946                                 | 278        | 3.37               |
| OKLAHOMA        | 11,178           | 3,579                          | 877                                   | 99         | 2.77               |
| OREGON          | 7,791            | 1,861                          | 654                                   | 96         | 5.16               |
| PENNSYLVANIA    | 8,039            | 5,463                          | 1,862                                 | 221        | 4.05               |
| RHODE ISLAND    | 197              | 116                            | 1,613                                 | 4          | 3.45               |
| SOUTH CAROLINA  | 8,517            | 4,047                          | 1,302                                 | 250        | 6.18               |
| SOUTH DAKOTA    | 10,993           | 769                            | 192                                   | 26         | 3.38               |
| TENNESSEE       | 5,471            | 2,708                          | 1,356                                 | 149        | 5.50               |
| TEXAS           | 32,623           | 13,480                         | 1,132                                 | 593        | 4.40               |
| UTAH            | 2,604            | 685                            | 721                                   | 34         | 4.96               |
| VIRGINIA        | 10,206           | 5,739                          | 1,541                                 | 213        | 3.71               |
| WASHINGTON      | 7,205            | 4,407                          | 1,676                                 | 109        | 2.47               |
| WEST VIRGINIA   | 6,360            | 3,439                          | 1,481                                 | 137        | 3.98               |
| WISCONSIN       | 12,409           | 3,436                          | 759                                   | 109        | 3.17               |
| WYOMING         | 2,293            | 409                            | 489                                   | 20         | 4.89               |
| SUBTOTAL        | 380,169          | 145,471                        | 1,048                                 | 6,219      | 4.28               |
| INCOMPLETE DATA |                  |                                |                                       |            |                    |
| FLORIDA         |                  |                                |                                       |            |                    |
| INDIANA         |                  |                                |                                       |            |                    |
| MASSACHUSETTS   |                  |                                |                                       |            |                    |
| VERMONT         |                  |                                |                                       |            |                    |

<sup>1/</sup> FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-E. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986**

**NONFEDERAL-AID ARTERIAL HIGHWAYS**

| STATE  | RURAL         |                          |                              |            | STATE         | URBAN         |                          |                              |            |        |         |   |
|--|---------------|--------------------------|------------------------------|------------|---------------|---------------|--------------------------|------------------------------|------------|--------|---------|---|
|  | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |        |         |   |
|  |               |                          |                              | NUMBER     |               |               |                          |                              | RATE 1/    | NUMBER | RATE 1/ |   |
| COMPLETE DATA                                |               |                          |                              |            | COMPLETE DATA |               |                          |                              |            |        |         |   |
| ALABAMA                                      | 1             | 1                        | 2,740                        | 0          | 0.00          | 222           | 474                      | 5,850                        | 7          | 1.48   |         |   |
| ALASKA                                       | -             | -                        | -                            | -          | -             | 1             | 1                        | 2,740                        | 0          | 0.00   |         |   |
| ARIZONA                                      | 17            | 19                       | 3,082                        | 2          | 10.53         | 26            | 96                       | 10,116                       | 0          | 0.00   |         |   |
| ARKANSAS                                     | 362           | 194                      | 1,488                        | 5          | 4.64          | 411           | 465                      | 3,100                        | 16         | 3.44   |         |   |
| CALIFORNIA                                   | 16            | 16                       | 2,740                        | 0          | 0.00          | 1,287         | 3,338                    | 7,106                        | 97         | 2.91   |         |   |
| COLORADO                                     | 5             | 2                        | 1,096                        | 0          | 0.00          | 27            | 4                        | 406                          | 0          | 0.00   |         |   |
| CONNECTICUT                                  | 9             | 20                       | 6,088                        | 2          | 10.00         | 41            | 203                      | 13,565                       | 2          | 0.99   |         |   |
| DELAWARE                                     | 1             | 1                        | 2,740                        | 0          | 0.00          | 4             | 1                        | 685                          | 0          | 0.00   |         |   |
| DIST. OF COL.                                | -             | -                        | -                            | -          | -             | 11            | 13                       | 3,238                        | 0          | 0.00   |         |   |
| GEORGIA                                      | -             | -                        | -                            | -          | -             | 2             | 12                       | 16,438                       | 0          | 0.00   |         |   |
| HAWAII                                       | 10            | 19                       | 5,205                        | 0          | 0.00          | 54            | 108                      | 5,479                        | 1          | 0.93   |         |   |
| IDAHO  | 1             | 1                        | 2,740                        | 0          | 0.00          | 40            | 133                      | 9,110                        | 1          | 0.75   |         |   |
| ILLINOIS                                     | -             | -                        | -                            | -          | -             | 9             | 4                        | 1,218                        | 0          | 0.00   |         |   |
| INDIANA                                      | -             | -                        | -                            | -          | -             | 215           | 658                      | 8,395                        | 13         | 1.98   |         |   |
| IOWA   | -             | -                        | -                            | -          | -             | -             | -                        | -                            | -          | -      |         |   |
| KANSAS                                       | 48            | 68                       | 3,881                        | 1          | 1.47          | -             | -                        | -                            | -          | -      |         |   |
| KENTUCKY                                     | -             | -                        | -                            | -          | -             | 292           | 602                      | 5,648                        | 2          | 0.33   |         |   |
| LOUISIANA                                    | -             | -                        | -                            | -          | -             | 14            | 80                       | 15,656                       | 6          | 7.50   |         |   |
| MARYLAND                                     | 9             | 23                       | 7,002                        | 7          | 30.43         | 9             | 34                       | 10,950                       | 1          | 2.94   |         |   |
| MAINE  | 40            | 140                      | 9,589                        | 3          | 2.14          | 807           | 453                      | 1,938                        | 5          | 1.10   |         |   |
| MASSACHUSETTS                                | -             | -                        | -                            | -          | -             | -             | -                        | -                            | -          | -      |         |   |
| MICHIGAN                                     | -             | -                        | -                            | -          | -             | 33            | 10                       | 920                          | 0          | 0.00   |         |   |
| MINNESOTA                                    | -             | -                        | -                            | -          | -             | 535           | 1,463                    | 7,492                        | 19         | 1.30   |         |   |
| MISSISSIPPI                                  | 250           | 54                       | 592                          | 4          | 7.41          | 36            | 60                       | 4,566                        | 1          | 1.67   |         |   |
| MISSOURI                                     | 2             | 1                        | 1,370                        | 0          | 0.00          | -             | -                        | -                            | -          | -      |         |   |
| MONTANA                                      | 51            | 19                       | 1,021                        | 1          | 5.26          | -             | -                        | -                            | -          | -      |         |   |
| NEBRASKA                                     | -             | -                        | -                            | -          | -             | 25            | 100                      | 10,959                       | 4          | 4.00   |         |   |
| NEVADA                                       | -             | -                        | -                            | -          | -             | 18            | 98                       | 14,916                       | 3          | 3.06   |         |   |
| NEW HAMPSHIRE                                | 23            | 134                      | 15,962                       | 1          | 0.75          | 266           | 3,018                    | 31,085                       | 29         | 0.96   |         |   |
| NEW JERSEY                                   | 113           | 816                      | 19,784                       | 18         | 2.21          | 151           | 640                      | 4,244                        | 1          | 1.27   |         |   |
| NEW MEXICO                                   | -             | -                        | -                            | -          | -             | 988           | 2,221                    | 6,159                        | 26         | 0.00   |         |   |
| NEW YORK                                     | -             | -                        | -                            | -          | -             | 5             | 1                        | 548                          | 0          | 0.00   |         |   |
| NORTH CAROLINA                               | 249           | 125                      | 1,375                        | 0          | 0.00          | 167           | 110                      | 2,055                        | 0          | 0.00   |         |   |
| NORTH DAKOTA                                 | 2             | 1                        | 1,370                        | 0          | 0.00          | 69            | 179                      | 7,107                        | 0          | 0.00   |         |   |
| OHIO   | -             | -                        | -                            | -          | -             | -             | -                        | -                            | -          | -      |         |   |
| OKLAHOMA                                     | 223           | 305                      | 3,747                        | 2          | 0.66          | 260           | 594                      | 6,259                        | 10         | 1.68   |         |   |
| OREGON                                       | 185           | 122                      | 1,807                        | 5          | 4.10          | 10            | 37                       | 10,137                       | 0          | 0.00   |         |   |
| PENNSYLVANIA                                 | -             | -                        | -                            | -          | -             | -             | -                        | -                            | -          | -      |         |   |
| RHODE ISLAND                                 | -             | -                        | -                            | -          | -             | -             | -                        | -                            | -          | -      |         |   |
| SOUTH CAROLINA                               | 14            | 8                        | 1,566                        | 0          | 0.00          | 1,926         | 5,800                    | 8,250                        | 169        | 2.91   |         |   |
| SOUTH DAKOTA                                 | 1             | 1                        | 2,740                        | 0          | 0.00          | 41            | 34                       | 2,272                        | 0          | 0.00   |         |   |
| TENNESSEE                                    | 3             | 8                        | 7,306                        | 3          | 37.50         | -             | -                        | -                            | -          | -      |         |   |
| TEXAS  | -             | -                        | -                            | -          | -             | 124           | 680                      | 15,024                       | 0          | 0.00   |         |   |
| UTAH   | -             | -                        | -                            | -          | -             | 11            | 8                        | 1,993                        | 0          | 0.00   |         |   |
| VERMONT                                      | -             | -                        | -                            | -          | -             | 128           | 322                      | 6,892                        | 1          | 0.31   |         |   |
| VIRGINIA                                     | 310           | 303                      | 2,678                        | 0          | 0.00          | -             | -                        | -                            | -          | -      |         |   |
| WASHINGTON                                   | -             | -                        | -                            | -          | -             | 3             | 5                        | 4,566                        | 0          | 0.00   |         |   |
| WEST VIRGINIA                                | -             | -                        | -                            | -          | -             | -             | -                        | -                            | -          | -      |         |   |
| WISCONSIN                                    | 1             | 1                        | 2,740                        | 0          | 0.00          | -             | -                        | -                            | -          | -      |         |   |
| WYOMING                                      | 248           | 108                      | 1,193                        | 3          | 2.78          | -             | -                        | -                            | -          | -      |         |   |
| SUBTOTAL                                     | 2,194         | 2,510                    | 3,134                        | 66         | 2.63          | 8,290         | 22,141                   | 7,317                        | 414        | 1.87   |         |   |
| INCOMPLETE DATA                              |               |                          |                              |            |               |               |                          |                              |            |        |         |   |
| FLORIDA                                      | -             | -                        | -                            | -          | -             | -             | -                        | -                            | -          | -      | -       | - |
| 1/ FATALITIES PER 100 MILLION VEHICLE MILES. |               |                          |                              |            |               |               |                          |                              |            |        |         |   |



**TABLE 5-F. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986**

**NONFEDERAL-AID COLLECTOR HIGHWAYS**

| STATE           | RURAL         |                          |                              |            | STATE         | URBAN         |                          |                              |                |        |                |  |  |
|-----------------|---------------|--------------------------|------------------------------|------------|---------------|---------------|--------------------------|------------------------------|----------------|--------|----------------|--|--|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES     |        |                |  |  |
|                 |               |                          |                              | NUMBER     |               |               |                          |                              | RATE $\lambda$ | NUMBER | RATE $\lambda$ |  |  |
| COMPLETE DATA   |               |                          |                              |            | COMPLETE DATA |               |                          |                              |                |        |                |  |  |
| ALABAMA         | 7,010         | 1,030                    | 403                          | 41         | 3.98          | 464           | 481                      | 2,840                        | 28             | 5.82   |                |  |  |
| ALASKA          | 881           | 155                      | 482                          | 2          | 1.29          | 54            | 63                       | 3,196                        | 2              | 3.17   |                |  |  |
| ARIZONA         | 4,328         | 770                      | 487                          | 34         | 4.42          | 380           | 570                      | 4,110                        | 7              | 1.23   |                |  |  |
| ARKANSAS        | 11,794        | 1,650                    | 383                          | 82         | 4.57          | 794           | 295                      | 1,152                        | 6              | 2.03   |                |  |  |
| CALIFORNIA      | 11,693        | 3,028                    | 709                          | 228        | 7.93          | 2,677         | 3,083                    | 3,215                        | 74             | 2.40   |                |  |  |
| COLORADO        | 15,976        | 1,591                    | 273                          | 57         | 3.58          | 613           | 514                      | 2,597                        | 11             | 2.14   |                |  |  |
| CONNECTICUT     | 1,193         | 1,524                    | 1,203                        | 11         | 2.10          | 188           | 220                      | 3,506                        | 9              | 4.09   |                |  |  |
| DELAWARE        | 158           | 65                       | 1,127                        | 4          | 6.15          | 22            | 19                       | 2,366                        | 1              | 5.26   |                |  |  |
| DIST. OF COL.   |               |                          |                              |            |               | 1             | 1                        | 2,740                        | 0              | 0.00   |                |  |  |
| GEORGIA         | 7,300         | 783                      | 294                          | 24         | 3.07          | 106           | 9                        | 6,164                        | 0              | 0.00   |                |  |  |
| HAWAII          | 155           | 176                      | 3,091                        | 0          | 0.00          | 4             | 82                       | 2,119                        | 2              | 2.64   |                |  |  |
| IDAHO           | 4,661         | 450                      | 265                          | 4          | 0.89          | 191           | 185                      | 2,654                        | 2              | 1.08   |                |  |  |
| ILLINOIS        | 4,882         | 1,194                    | 670                          | 59         | 4.94          | 295           | 40                       | 1,501                        | 0              | 0.00   |                |  |  |
| IOWA            | 16,392        | 662                      | 111                          | 30         | 4.53          | 130           | 331                      | 3,074                        | 6              | 1.81   |                |  |  |
| KANSAS          | 9,404         | 270                      | 79                           | 10         | 3.70          | 354           | 104                      | 2,192                        | 1              | 0.96   |                |  |  |
| KENTUCKY        | 9,352         | 1,728                    | 506                          | 98         | 5.67          | 32            | 366                      | 2,833                        | 0              | 0.00   |                |  |  |
| LOUISIANA       | 4,298         | 843                      | 843                          | 42         | 3.18          | 32            | 19                       | 1,627                        | 4              | 21.05  |                |  |  |
| MAINE           | 2,802         | 840                      | 821                          | 20         | 2.38          | 491           | 590                      | 3,292                        | 14             | 2.37   |                |  |  |
| MARYLAND        | 1,898         | 721                      | 1,041                        | 29         | 4.02          | 1,609         | 1,379                    | 2,348                        | 18             | 1.31   |                |  |  |
| MICHIGAN        | 7,895         | 1,490                    | 52                           | 62         | 4.16          | 2             | 1                        | 3,807                        | 25             | 1.47   |                |  |  |
| MINNESOTA       | 11,875        | 1,019                    | 254                          | 40         | 3.94          | 1,227         | 1,705                    | 3,870                        | 0              | 0.00   |                |  |  |
| MISSISSIPPI     | 2,941         | 275                      | 286                          | 13         | 4.73          | 838           | 960                      | 1,370                        | 16             | 1.67   |                |  |  |
| MISSOURI        | 5,456         | 361                      | 192                          | 19         | 5.25          | 120           | 61                       | 3,139                        | 1              | 1.64   |                |  |  |
| MONTANA         | 11,346        | 714                      | 172                          | 8          | 1.25          |               |                          | 1,393                        |                |        |                |  |  |
| NEBRASKA        | 9,249         | 283                      | 84                           | 10         | 3.53          | 339           | 374                      | 3,023                        | 11             | 2.94   |                |  |  |
| NEVADA          | 2,465         | 134                      | 143                          | 10         | 7.45          | 95            | 3                        | 1,174                        | 0              | 0.00   |                |  |  |
| NEW HAMPSHIRE   | 1,244         | 333                      | 733                          | 7          | 2.10          | 95            | 156                      | 4,499                        | 4              | 2.56   |                |  |  |
| NEW JERSEY      | 1,287         | 927                      | 1,973                        | 30         | 7.24          | 38            | 179                      | 2,255                        | 1              | 1.27   |                |  |  |
| NEW MEXICO      | 2,559         | 251                      | 269                          | 20         | 2.93          | 1,037         | 201                      | 1,427                        | 1              | 0.50   |                |  |  |
| NEW YORK        | 10,806        | 4,408                    | 1,118                        | 129        | 2.93          | 1,037         | 782                      | 2,066                        | 15             | 1.92   |                |  |  |
| NORTH CAROLINA  | 9,342         | 3,423                    | 1,004                        | 178        | 5.20          | 229           | 15                       | 1,417                        | 0              | 0.00   |                |  |  |
| NORTH DAKOTA    | 8,053         | 231                      | 79                           | 8          | 3.46          |               |                          | 1,417                        |                |        |                |  |  |
| OHIO            | 7,324         | 2,200                    | 823                          | 68         | 3.09          | 462           | 284                      | 1,584                        | 5              | 1.75   |                |  |  |
| OKLAHOMA        | 13,319        | 1,403                    | 289                          | 10         | 0.71          | 197           | 201                      | 2,795                        | 4              | 1.99   |                |  |  |
| OREGON          | 9,040         | 1,143                    | 346                          | 18         | 1.57          |               |                          |                              |                |        |                |  |  |
| PENNSYLVANIA    | 8,673         | 2,437                    | 770                          | 87         | 3.57          |               |                          |                              |                |        |                |  |  |
| RHODE ISLAND    | 143           | 51                       | 607                          | 3          | 5.88          | 624           | 379                      | 1,654                        | 7              | 1.85   |                |  |  |
| SOUTH CAROLINA  | 4,015         | 161                      | 414                          | 9          | 5.59          | 52            | 64                       | 3,372                        | 0              | 0.00   |                |  |  |
| SOUTH DAKOTA    | 7,336         | 1,937                    | 311                          | 15         | 4.54          | 5             | 1                        | 548                          | 0              | 0.00   |                |  |  |
| TENNESSEE       | 10,770        | 2,339                    | 493                          | 88         | 3.21          | 3,902         | 4,621                    | 3,243                        | 50             | 1.08   |                |  |  |
| TEXAS           | 20,612        | 2,333                    | 311                          | 75         | 6.44          | 91            | 41                       | 1,234                        | 1              | 2.44   |                |  |  |
| UTAH            | 4,736         | 406                      | 135                          | 15         | 6.44          |               |                          |                              |                |        |                |  |  |
| VIRGINIA        | 2,402         | 1,304                    | 463                          | 20         | 4.93          | 27            | 8                        | 812                          | 0              | 0.00   |                |  |  |
| WASHINGTON      | 6,922         | 923                      | 548                          | 49         | 3.76          | 3             | 5                        | 4,566                        | 0              | 0.00   |                |  |  |
| WEST VIRGINIA   | 2,173         | 1,336                    | 424                          | 14         | 4.17          | 545           | 459                      | 2,307                        | 3              | 0.65   |                |  |  |
| WISCONSIN       | 7,526         | 923                      | 349                          | 39         | 4.23          | 18            | 12                       | 1,826                        | 0              | 0.00   |                |  |  |
| WYOMING         | 7,583         | 416                      | 150                          | 15         | 3.85          |               |                          |                              |                |        |                |  |  |
| SUBTOTAL        | 310,580       | 46,700                   | 412                          | 1,864      | 3.99          | 18,440        | 18,764                   | 2,788                        | 329            | 1.75   |                |  |  |
| INCOMPLETE DATA |               |                          |                              |            |               |               |                          |                              |                |        |                |  |  |
| FLORIDA         |               |                          |                              |            |               |               |                          |                              |                |        |                |  |  |
| INDIANA         |               |                          |                              |            |               |               |                          |                              |                |        |                |  |  |
| MASSACHUSETTS   |               |                          |                              |            |               |               |                          |                              |                |        |                |  |  |
| VERMONT         |               |                          |                              |            |               |               |                          |                              |                |        |                |  |  |

$\lambda$  FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-G. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986**

**NONFEDERAL-AID LOCAL HIGHWAYS**

| STATE           | RURAL         |                          |                              |            | STATE           | URBAN         |                          |                              |                |        |                |
|-----------------|---------------|--------------------------|------------------------------|------------|-----------------|---------------|--------------------------|------------------------------|----------------|--------|----------------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES |                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | FATALITIES     |        |                |
|                 |               |                          |                              | NUMBER     |                 |               |                          |                              | RATE $\lambda$ | NUMBER | RATE $\lambda$ |
| COMPLETE DATA   |               |                          |                              |            | COMPLETE DATA   |               |                          |                              |                |        |                |
| ALABAMA         | 48,459        | 3,024                    | 171                          | 291        | ALABAMA         | 10,101        | 2,124                    | 576                          | 172            | 8.10   |                |
| ALASKA          | 7,146         | 1,404                    | 14                           | 14         | ALASKA          | 913           | 446                      | 913                          | 4              | 0.90   |                |
| ARIZONA         | 54,715        | 1,613                    | 81                           | 157        | ARIZONA         | 1,339         | 446                      | 576                          | 4              | 3.75   |                |
| ARKANSAS        | 44,971        | 1,045                    | 64                           | 72         | ARKANSAS        | 6,347         | 1,334                    | 350                          | 15             | 2.45   |                |
| CALIFORNIA      | 73,912        | 7,337                    | 272                          | 262        | CALIFORNIA      | 43,913        | 23,438                   | 1,462                        | 297            | 1.27   |                |
| COLORADO        | 41,375        | 780                      | 52                           | 27         | COLORADO        | 7,387         | 3,224                    | 1,196                        | 29             | 0.90   |                |
| CONNECTICUT     | 6,029         | 865                      | 393                          | 23         | CONNECTICUT     | 6,757         | 1,833                    | 1,743                        | 32             | 1.75   |                |
| DELAWARE        | 2,695         | 427                      | 434                          | 22         | DELAWARE        | 1,072         | 1,856                    | 1,941                        | 2              | 0.44   |                |
| DIST. OF COL.   |               |                          |                              |            | GEORGIA         | 14,054        | 4,825                    | 3,859                        | 153            | 3.17   |                |
| GEORGIA         | 55,975        | 2,820                    | 138                          | 88         | HAWAII          | 1,902         | 1,264                    | 3,859                        | 7              | 0.55   |                |
| HAWAII          | 1,650         | 484                      | 804                          | 10         | IDAHO           | 1,382         | 1,146                    | 289                          | 4              | 2.74   |                |
| IDAHO           | 57,154        | 1,026                    | 49                           | 10         | ILLINOIS        | 21,255        | 6,786                    | 854                          | 143            | 2.11   |                |
| ILLINOIS        | 76,707        | 3,313                    | 118                          | 94         | IOWA            | 5,283         | 1,113                    | 326                          | 16             | 1.44   |                |
| IOWA            | 65,205        | 1,438                    | 60                           | 45         | KANSAS          | 6,135         | 1,481                    | 651                          | 13             | 0.88   |                |
| KANSAS          | 83,473        | 1,225                    | 40                           | 62         | KENTUCKY        | 4,916         | 1,741                    | 570                          | 28             | 1.49   |                |
| KENTUCKY        | 41,575        | 1,894                    | 125                          | 98         | LOUISIANA       | 8,914         | 1,690                    | 277                          | 23             | 2.80   |                |
| LOUISIANA       | 31,169        | 2,037                    | 179                          | 91         | MAINE           | 8,335         | 207                      | 395                          | 14             | 6.76   |                |
| MAINE           | 11,885        | 864                      | 199                          | 29         | MARYLAND        | 6,375         | 1,598                    | 560                          | 36             | 2.12   |                |
| MARYLAND        | 10,425        | 1,098                    | 289                          | 54         | MICHIGAN        | 17,374        | 3,545                    | 549                          | 107            | 3.02   |                |
| MICHIGAN        | 58,866        | 2,411                    | 112                          | 137        | MINNESOTA       | 3,758         | 2,553                    | 717                          | 24             | 0.94   |                |
| MINNESOTA       | 80,750        | 2,324                    | 79                           | 84         | MISSISSIPPI     | 4,820         | 1,218                    | 652                          | 40             | 3.28   |                |
| MISSISSIPPI     | 43,947        | 2,164                    | 135                          | 80         | MISSOURI        | 10,431        | 1,065                    | 279                          | 50             | 4.69   |                |
| MISSOURI        | 73,584        | 2,955                    | 110                          | 79         | MONTANA         | 1,665         | 748                      | 1,231                        | 2              | 0.27   |                |
| MONTANA         | 46,825        | 2,769                    | 115                          | 25         | NEBRASKA        | 1,586         | 572                      | 437                          | 14             | 2.45   |                |
| NEBRASKA        | 59,201        | 1,173                    | 54                           | 25         | NEVADA          | 2,220         | 410                      | 506                          | 11             | 2.68   |                |
| NEVADA          | 34,126        | 1,268                    | 22                           | 18         | NEW HAMPSHIRE   | 1,395         | 233                      | 458                          | 5              | 2.15   |                |
| NEW HAMPSHIRE   | 8,499         | 488                      | 157                          | 10         | NEW JERSEY      | 15,789        | 10,071                   | 1,748                        | 59             | 0.59   |                |
| NEW JERSEY      | 7,562         | 947                      | 307                          | 26         | NEW MEXICO      | 4,179         | 1,154                    | 757                          | 21             | 1.82   |                |
| NEW MEXICO      | 37,599        | 764                      | 56                           | 49         | NEW YORK        | 25,361        | 7,199                    | 778                          | 174            | 2.42   |                |
| NEW YORK        | 48,517        | 3,862                    | 219                          | 137        | NORTH CAROLINA  | 12,505        | 3,325                    | 728                          | 95             | 2.85   |                |
| NORTH CAROLINA  | 51,254        | 2,563                    | 137                          | 280        | NORTH CAROLINA  | 1,026         | 258                      | 689                          | 2              | 0.78   |                |
| NORTH CAROLINA  | 59,554        | 3,154                    | 33                           | 9          | OHIO            | 20,933        | 11,616                   | 1,520                        | 233            | 2.01   |                |
| NORTH DAKOTA    | 57,500        | 9,067                    | 432                          | 171        | OKLAHOMA        | 8,164         | 3,025                    | 1,015                        | 58             | 1.92   |                |
| OHIO            | 68,277        | 1,756                    | 70                           | 126        | OREGON          | 5,709         | 985                      | 1,473                        | 25             | 2.54   |                |
| OKLAHOMA        | 63,825        | 1,437                    | 62                           | 35         | PENNSYLVANIA    | 19,585        | 5,399                    | 755                          | 29             | 3.87   |                |
| OREGON          | 60,946        | 5,421                    | 244                          | 147        | RHODE ISLAND    | 3,154         | 1,019                    | 885                          | 13             | 1.28   |                |
| PENNSYLVANIA    | 1,098         | 300                      | 749                          | 4          | SOUTH CAROLINA  | 6,433         | 598                      | 255                          | 48             | 8.03   |                |
| RHODE ISLAND    | 35,818        | 1,856                    | 142                          | 157        | SOUTH CAROLINA  | 1,132         | 243                      | 588                          | 5              | 2.05   |                |
| SOUTH CAROLINA  | 47,073        | 543                      | 32                           | 17         | TENNESSEE       | 10,227        | 3,012                    | 807                          | 72             | 2.39   |                |
| SOUTH CAROLINA  | 47,125        | 1,548                    | 90                           | 112        | TEXAS           | 57,327        | 22,090                   | 1,056                        | 470            | 2.13   |                |
| TENNESSEE       | 142,108       | 4,311                    | 83                           | 388        | UTAH            | 4,010         | 1,471                    | 1,005                        | 21             | 1.43   |                |
| TEXAS           | 34,035        | 498                      | 40                           | 18         | VIRGINIA        | 9,960         | 4,587                    | 1,562                        | 46             | 1.00   |                |
| UTAH            | 33,040        | 2,919                    | 242                          | 109        | WASHINGTON      | 10,617        | 288                      | 1,196                        | 45             | 5.94   |                |
| VIRGINIA        | 46,410        | 502                      | 30                           | 47         | WEST VIRGINIA   | 1,899         | 288                      | 416                          | 5              | 1.74   |                |
| WEST VIRGINIA   | 20,993        | 764                      | 100                          | 44         | WISCONSIN       | 9,481         | 4,477                    | 1,294                        | 26             | 0.56   |                |
| WISCONSIN       | 66,234        | 2,223                    | 92                           | 113        | WYOMING         | 1,078         | 150                      | 381                          | 3              | 2.00   |                |
| WYOMING         | 23,302        | 2,250                    | 29                           | 9          |                 |               |                          |                              |                |        |                |
| SUBTOTAL        | 2,072,989     | 86,399                   | 114                          | 4,001      | SUBTOTAL        | 434,841       | 145,685                  | 918                          | 2,921          | 2.01   |                |
| INCOMPLETE DATA |               |                          |                              |            | INCOMPLETE DATA |               |                          |                              |                |        |                |
| FLORIDA         |               |                          |                              |            | FLORIDA         |               |                          |                              |                |        |                |
| INDIANA         |               |                          |                              |            | INDIANA         |               |                          |                              |                |        |                |
| MASSACHUSETTS   |               |                          |                              |            | MASSACHUSETTS   |               |                          |                              |                |        |                |
| VERMONT         |               |                          |                              |            | VERMONT         |               |                          |                              |                |        |                |

$\lambda$  FATALITIES PER 100 MILLION VEHICLE MILES.



**TABLE 6-B. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986**  
**OTHER FEDERAL-AID PRIMARY HIGHWAYS**

| STATE   | RURAL         |                          |                            |                | STATE           | URBAN         |                          |                              |                            |                |  |
|---|---------------|--------------------------|----------------------------|----------------|-----------------|---------------|--------------------------|------------------------------|----------------------------|----------------|--|
|   | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | NONFATALLY INJURED PERSONS |                |                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |                |  |
|   |               |                          | NUMBER                     | RATE $\lambda$ |                 |               |                          |                              | NUMBER                     | RATE $\lambda$ |  |
| COMPLETE DATA   |               |                          |                            |                | COMPLETE DATA   |               |                          |                              |                            |                |  |
| ALABAMA   | 5,841         | 7,075                    | 5,998                      | 84.78          | ALABAMA         | 852           | 4,315                    | 13,875                       | 3,970                      | 92.00          |  |
| ALASKA  | 1,011         | 446                      | 1,299                      | 67.04          | ALASKA          | 32            | 189                      | 16,182                       | 135.45                     |                |  |
| ARIZONA   | 3,685         | 3,368                    | 1,927                      | 1,209          | ARIZONA         | 265           | 1,297                    | 13,409                       | 317.73                     |                |  |
| ARKANSAS  | 4,714         | 4,897                    | 2,919                      | 57.21          | ARKANSAS        | 472           | 1,830                    | 10,622                       | 116.28                     |                |  |
| CALIFORNIA  | 9,576         | 19,220                   | 18,917                     | 98.42          | CALIFORNIA      | 1,492         | 31,512                   | 57,865                       | 82.98                      |                |  |
| COLORADO  | 3,851         | 2,721                    | 3,194                      | 88.92          | COLORADO        | 439           | 2,913                    | 18,180                       | 250.26                     |                |  |
| CONNECTICUT   | 689           | 1,970                    | 2,582                      | 131.57         | CONNECTICUT     | 582           | 4,029                    | 18,966                       | 219.79                     |                |  |
| DELAWARE  | 334           | 1,560                    | 1,442                      | 92.44          | DELAWARE        | 98            | 849                      | 23,735                       | 1,866                      |                |  |
| DIST. OF COL.   |               |                          |                            |                | GEORGIA         | 1,470         | 8,539                    | 15,915                       | 21,247                     | 248.82         |  |
| GEORGIA   | 8,600         | 10,098                   | 11,044                     | 109.37         | HAWAII          | 124           | 1,395                    | 30,822                       | 3,159                      | 226.45         |  |
| HAWAII  | 387           | 981                      | 1,452                      | 146.52         | IDAHO           | 46            | 192                      | 11,435                       | 335                        | 174.48         |  |
| IDAHO   | 2,619         | 1,768                    | 1,784                      | 100.90         | ILLINOIS        | 1,920         | 12,506                   | 17,845                       | 40,139                     | 320.96         |  |
| ILLINOIS  | 7,850         | 3,104                    | 10,107                     | 113.63         | IOWA            | 707           | 2,226                    | 8,626                        | 5,194                      | 233.33         |  |
| IOWA  | 6,133         | 2,028                    | 4,246                      | 70.54          | KANSAS          | 339           | 1,475                    | 11,921                       | 247.53                     |                |  |
| KANSAS  | 7,734         | 1,848                    | 3,649                      | 65.94          | KENTUCKY        | 473           | 2,843                    | 16,467                       | 193.74                     |                |  |
| KENTUCKY  | 3,305         | 5,190                    | 6,027                      | 116.13         | LOUISIANA       | 485           | 3,445                    | 19,461                       | 313.41                     |                |  |
| LOUISIANA   | 2,661         | 4,757                    | 5,831                      | 126.21         | MAINE           | 183           | 782                      | 11,707                       | 2,303                      |                |  |
| MAINE   | 1,825         | 2,724                    | 3,153                      | 115.75         | MARYLAND        | 544           | 4,995                    | 25,556                       | 304.02                     |                |  |
| MARYLAND  | 1,650         | 9,322                    | 7,745                      | 137.96         | MICHIGAN        | 1,003         | 12,281                   | 33,546                       | 15,186                     |                |  |
| MICHIGAN  | 6,275         | 11,478                   | 20,476                     | 178.39         | MINNESOTA       | 584           | 3,253                    | 15,924                       | 12,254                     |                |  |
| MINNESOTA   | 8,729         | 7,188                    | 5,071                      | 70.55          | MISSISSIPPI     | 352           | 1,532                    | 11,924                       | 3,952                      |                |  |
| MISSISSIPPI   | 5,370         | 5,068                    | 5,191                      | 102.43         | MONTANA         | 108           | 372                      | 9,437                        | 3,128                      |                |  |
| MONTANA   | 5,355         | 2,299                    | 2,027                      | 88.17          | NEBRASKA        | 262           | 1,265                    | 13,270                       | 3,411                      |                |  |
| NEBRASKA  | 6,933         | 3,818                    | 2,348                      | 61.50          | NEVADA          | 58            | 891                      | 24,138                       | 284.55                     |                |  |
| NEVADA  | 1,788         | 1,148                    | 1,509                      | 74.74          | NEW HAMPSHIRE   | 171           | 891                      | 14,375                       | 151.76                     |                |  |
| NEW HAMPSHIRE   | 961           | 1,939                    | 858                        | 83.08          | NEW JERSEY      | 649           | 6,480                    | 27,555                       | 142.31                     |                |  |
| NEW JERSEY  | 821           | 3,308                    | 1,611                      | 175.51         | NEW MEXICO      | 190           | 862                      | 27,555                       | 330.32                     |                |  |
| NEW MEXICO  | 3,365         | 2,798                    | 5,806                      | 58.06          | NEW YORK        | 2,009         | 21,192                   | 12,444                       | 329.43                     |                |  |
| NEW YORK  | 6,435         | 9,851                    | 1,924                      | 68.75          | NORTH CAROLINA  | 658           | 5,229                    | 26,500                       | 195.39                     |                |  |
| NORTH CAROLINA  | 5,406         | 8,311                    | 37,408                     | 379.74         | NORTH DAKOTA    | 139           | 5,229                    | 21,980                       | 132.56                     |                |  |
| NORTH DAKOTA  | 5,045         | 1,738                    | 9,114                      | 109.66         | OHIO            | 1,587         | 7,425                    | 9,025                        | 224.24                     |                |  |
| OHIO  | 4,874         | 9,142                    | 883                        | 50.81          | OKLAHOMA        | 432           | 2,600                    | 13,581                       | 300.38                     |                |  |
| OKLAHOMA  | 4,663         | 4,975                    | 10,752                     | 117.61         | OREGON          | 400           | 2,010                    | 12,747                       | 2,606                      |                |  |
| OREGON  | 7,773         | 14,325                   | 20,559                     | 141.47         | PENNSYLVANIA    | 2,140         | 18,652                   | 23,879                       | 227.00                     |                |  |
| PENNSYLVANIA  | 161           | 325                      | 239                        | 73.52          | RHODE ISLAND    | 253           | 312                      | 3,637                        | 148.32                     |                |  |
| RHODE ISLAND  | 4,958         | 7,097                    | 3,135                      | 57.43          | SOUTH CAROLINA  | 713           | 4,127                    | 15,858                       | 645.19                     |                |  |
| SOUTH CAROLINA  | 5,691         | 2,163                    | 5,328                      | 107.10         | SOUTH DAKOTA    | 110           | 5,437                    | 10,884                       | 263.84                     |                |  |
| SOUTH DAKOTA  | 5,227         | 7,677                    | 20,559                     | 141.47         | TENNESSEE       | 884           | 16,744                   | 18,028                       | 241.88                     |                |  |
| TENNESSEE   | 14,859        | 21,065                   | 11,171                     | 54.28          | TEXAS           | 1,847         | 16,744                   | 24,837                       | 166.83                     |                |  |
| TEXAS   | 2,522         | 1,631                    | 5,961                      | 111.84         | UTAH            | 102           | 500                      | 13,430                       | 190.80                     |                |  |
| UTAH  | 4,755         | 5,413                    | 15,524                     | 15.82          | VERMONT         | 605           | 4,286                    | 19,409                       | 300.38                     |                |  |
| VIRGINIA  | 4,394         | 5,074                    | 11,538                     | 98.88          | WASHINGTON      | 221.72        | 4,413                    | 18,745                       | 9,503                      |                |  |
| WASHINGTON  | 2,259         | 3,150                    | 5,045                      | 99.43          | WEST VIRGINIA   | 193           | 13,486                   | 13,486                       | 121.96                     |                |  |
| WEST VIRGINIA   | 6,289         | 3,871                    | 6,159                      | 193.07         | WISCONSIN       | 935           | 5,032                    | 14,745                       | 2,289                      |                |  |
| WISCONSIN   | 6,254         | 10,613                   | 8,879                      | 83.61          | WYOMING         | 127           | 4,407                    | 8,780                        | 203.84                     |                |  |
| WYOMING   | 208,058       | 256,236                  | 855                        | 59.46          | WYOMING         | 127           | 4,407                    | 8,780                        | 178.62                     |                |  |
| SUBTOTAL  | 208,058       | 256,236                  | 289,714                    | 113.07         | SUBTOTAL        | 27,651        | 213,660                  | 21,170                       | 404,070                    | 189.12         |  |
| INCOMPLETE DATA   |               |                          |                            |                | INCOMPLETE DATA |               |                          |                              |                            |                |  |
| FLORIDA   |               |                          |                            |                | DIST. OF COL.   |               |                          |                              |                            |                |  |
| INDIANA   |               |                          |                            |                | FLORIDA         |               |                          |                              |                            |                |  |
| MASSACHUSETTS   |               |                          |                            |                | INDIANA         |               |                          |                              |                            |                |  |
| MISSOURI  |               |                          |                            |                | MASSACHUSETTS   |               |                          |                              |                            |                |  |
| VERMONT   |               |                          |                            |                | MISSOURI        |               |                          |                              |                            |                |  |
| VERMONT   |               |                          |                            |                | VERMONT         |               |                          |                              |                            |                |  |
| $\lambda$ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES. |               |                          |                            |                |                 |               |                          |                              |                            |                |  |

**TABLE 6-C. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986**  
**FEDERAL-AID URBAN HIGHWAYS**

| STATE   | ARTERIAL      |                          |                              |                            | STATE           | COLLECTOR     |                          |                              |                            |        |        |
|---|---------------|--------------------------|------------------------------|----------------------------|-----------------|---------------|--------------------------|------------------------------|----------------------------|--------|--------|
|   | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |        |        |
|   |               |                          |                              | NUMBER                     |                 |               |                          |                              | RATE /                     | NUMBER | RATE / |
| COMPLETE DATA   |               |                          |                              |                            | COMPLETE DATA   |               |                          |                              |                            |        |        |
| ALABAMA   | 1,515         | 3,775                    | 5,827                        | 5,822                      | ALABAMA         | 1,230         | 1,299                    | 2,893                        | 4,652                      | 358.12 |        |
| ALASKA  | 79            | 504                      | 17,479                       | 1,472                      | ALASKA          | 156           | 188                      | 3,302                        | 384                        | 204.26 |        |
| ARIZONA   | 2,377         | 4,704                    | 5,422                        | 18,094                     | ARIZONA         | 714           | 929                      | 3,565                        | 1,599                      | 182.88 |        |
| ARKANSAS  | 833           | 1,543                    | 5,075                        | 2,927                      | ARKANSAS        | 288           | 359                      | 1,513                        | 2,659                      | 169.18 |        |
| CALIFORNIA  | 12,319        | 58,986                   | 13,118                       | 154,217                    | CALIFORNIA      | 4,780         | 5,725                    | 3,281                        | 12,576                     | 219.67 |        |
| COLORADO  | 1,733         | 5,760                    | 9,106                        | 15,127                     | COLORADO        | 521           | 4,455                    | 2,282                        | 7,786                      | 172.75 |        |
| CONNECTICUT   | 1,232         | 4,185                    | 9,307                        | 14,895                     | CONNECTICUT     | 1,751         | 1,984                    | 3,119                        | 6,235                      | 315.68 |        |
| DELAWARE  | 157           | 4,704                    | 12,285                       | 289.35                     | DELAWARE        | 148           | 284                      | 5,412                        | 6,635                      | 215.99 |        |
| GEORGIA   | 2,142         | 6,612                    | 8,457                        | 13,956                     | GEORGIA         | 1,826         | 2,289                    | 3,431                        | 4,111                      | 181.35 |        |
| HAWAII  | 140           | 825                      | 16,145                       | 3,120                      | HAWAII          | 178           | 424                      | 2,556                        | 1,188                      | 280.19 |        |
| IDAHO   | 442           | 1,178                    | 7,302                        | 2,801                      | IDAHO           | 283           | 220                      | 2,159                        | 1,460                      | 209.09 |        |
| ILLINOIS  | 3,623         | 14,415                   | 10,901                       | 44,384                     | ILLINOIS        | 3,079         | 5,998                    | 5,357                        | 16,437                     | 274.04 |        |
| IOWA  | 1,447         | 2,340                    | 4,431                        | 5,064                      | IOWA            | 965           | 633                      | 1,737                        | 1,854                      | 261.30 |        |
| KANSAS  | 1,084         | 2,809                    | 7,100                        | 2,917                      | KANSAS          | 484           | 306                      | 1,782                        | 2,585                      | 223.86 |        |
| KENTUCKY  | 1,090         | 3,703                    | 9,308                        | 10,111                     | KENTUCKY        | 761           | 896                      | 4,288                        | 2,511                      | 210.83 |        |
| LOUISIANA   | 1,322         | 3,935                    | 8,155                        | 11,076                     | LOUISIANA       | 360           | 341                      | 3,217                        | 300                        | 33.48  |        |
| MAINE   | 357           | 984                      | 7,769                        | 2,974                      | MAINE           | 341           | 1,377                    | 2,595                        | 890                        | 251.00 |        |
| MARYLAND  | 1,456         | 8,011                    | 15,263                       | 26,703                     | MARYLAND        | 686           | 1,377                    | 5,499                        | 4,704                      | 341.91 |        |
| MICHIGAN  | 4,237         | 15,657                   | 10,077                       | 12,427                     | MICHIGAN        | 1,153         | 2,069                    | 4,916                        | 2,777                      | 134.51 |        |
| MINNESOTA   | 1,532         | 5,887                    | 10,575                       | 213.63                     | MINNESOTA       | 640           | 696                      | 2,979                        | 1,381                      | 138.42 |        |
| MISSISSIPPI   | 942           | 1,866                    | 5,776                        | 5,144                      | MISSISSIPPI     | 749           | 627                      | 2,293                        | 1,652                      | 283.48 |        |
| MONTANA   | 231           | 520                      | 5,167                        | 259.01                     | MONTANA         | 91            | 87                       | 2,619                        | 1,73                       | 198.83 |        |
| NEBRASKA  | 649           | 1,811                    | 7,645                        | 343.57                     | NEBRASKA        | 404           | 441                      | 2,991                        | 1,385                      | 314.06 |        |
| NEVADA  | 465           | 2,127                    | 13,721                       | 8,154                      | NEVADA          | 92            | 168                      | 5,003                        | 298                        | 177.38 |        |
| NEW HAMPSHIRE   | 385           | 986                      | 7,927                        | 239.15                     | NEW HAMPSHIRE   | 337           | 303                      | 2,463                        | 725                        | 239.27 |        |
| NEW JERSEY  | 3,539         | 14,506                   | 11,539                       | 65,926                     | NEW JERSEY      | 1,808         | 2,958                    | 4,482                        | 13,218                     | 446.86 |        |
| NEW MEXICO  | 463           | 1,597                    | 10,817                       | 7,809                      | NEW MEXICO      | 143           | 280                      | 5,364                        | 531                        | 189.64 |        |
| NEW YORK  | 5,173         | 20,730                   | 10,575                       | 66,997                     | NEW YORK        | 3,529         | 4,831                    | 3,751                        | 7,457                      | 154.36 |        |
| NORTH DAKOTA  | 260           | 432                      | 4,552                        | 216.90                     | NORTH DAKOTA    | 203           | 173                      | 2,335                        | 384                        | 221.97 |        |
| OHIO  | 3,617         | 10,354                   | 7,843                        | 42,117                     | OHIO            | 4,108         | 3,786                    | 2,525                        | 17,884                     | 472.37 |        |
| OKLAHOMA  | 2,237         | 6,188                    | 7,879                        | 186.04                     | OKLAHOMA        | 741           | 3,664                    | 2,455                        | 1,086                      | 163.55 |        |
| OREGON  | 1,067         | 3,126                    | 8,027                        | 11,636                     | OREGON          | 916           | 981                      | 2,934                        | 3,353                      | 341.79 |        |
| PENNSYLVANIA  | 3,833         | 8,744                    | 6,250                        | 310.13                     | PENNSYLVANIA    | 3,150         | 4,293                    | 3,734                        | 4,850                      | 112.97 |        |
| RHODE ISLAND  | 493           | 2,075                    | 11,531                       | 3,793                      | RHODE ISLAND    | 3,446         | 4,249                    | 886                          | 3,965                      | 355.82 |        |
| SOUTH CAROLINA  | 637           | 2,354                    | 10,125                       | 230.16                     | SOUTH CAROLINA  | 532           | 770                      | 3,965                        | 1,436                      | 186.45 |        |
| SOUTH DAKOTA  | 280           | 351                      | 3,434                        | 197.72                     | SOUTH DAKOTA    | 99            | 65                       | 1,799                        | 1,130                      | 200.00 |        |
| TENNESSEE   | 1,325         | 5,105                    | 10,556                       | 292.48                     | TENNESSEE       | 1,759         | 2,031                    | 3,163                        | 4,896                      | 241.06 |        |
| TEXAS   | 6,025         | 23,174                   | 13,938                       | 148.90                     | TEXAS           | 1,574         | 1,574                    | 2,872                        | 2,231                      | 14.22  |        |
| UTAH  | 533           | 2,711                    | 13,935                       | 34,507                     | UTAH            | 387           | 1,770                    | 5,451                        | 2,201                      | 285.84 |        |
| VIRGINIA  | 2,010         | 9,706                    | 13,230                       | 8,783                      | VIRGINIA        | 1,708         | 1,708                    | 3,668                        | 4,674                      | 261.12 |        |
| WASHINGTON  | 2,215         | 8,176                    | 10,108                       | 25,727                     | WASHINGTON      | 1,682         | 2,078                    | 3,385                        | 4,066                      | 195.67 |        |
| WEST VIRGINIA   | 385           | 1,156                    | 8,226                        | 13,508                     | WEST VIRGINIA   | 400           | 468                      | 3,205                        | 4,528                      | 112.82 |        |
| WISCONSIN   | 2,061         | 5,501                    | 7,313                        | 289.62                     | WISCONSIN       | 810           | 583                      | 2,530                        | 1,220                      | 177.07 |        |
| WYOMING   | 241           | 407                      | 4,527                        | 550                        | WYOMING         | 270           | 196                      | 1,989                        | 298                        | 152.04 |        |
| SUBTOTAL  | 78,196        | 280,647                  | 9,833                        | 741,527                    | SUBTOTAL        | 46,313        | 57,795                   | 3,419                        | 137,964                    | 238.71 |        |
| INCOMPLETE DATA   |               |                          |                              |                            | INCOMPLETE DATA |               |                          |                              |                            |        |        |
| DIST. OF COL.   |               |                          |                              |                            | DIST. OF COL.   |               |                          |                              |                            |        |        |
| FLORIDA   |               |                          |                              |                            | FLORIDA         |               |                          |                              |                            |        |        |
| INDIANA   |               |                          |                              |                            | INDIANA         |               |                          |                              |                            |        |        |
| MASSACHUSETTS   |               |                          |                              |                            | MASSACHUSETTS   |               |                          |                              |                            |        |        |
| MISSOURI  |               |                          |                              |                            | MISSOURI        |               |                          |                              |                            |        |        |
| NORTH CAROLINA  |               |                          |                              |                            | NORTH CAROLINA  |               |                          |                              |                            |        |        |
| VERMONT   |               |                          |                              |                            | VERMONT         |               |                          |                              |                            |        |        |
| / NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                            |                 |               |                          |                              |                            |        |        |

**TABLE 6-D. NONFATALLY INJURED PERSONS  
BY STATE AND HIGHWAY SYSTEM - 1986  
FEDERAL-AID SECONDARY HIGHWAYS**

| STATE  | COLLECTOR, RURAL |                                |                                       |                               |         |
|--|------------------|--------------------------------|---------------------------------------|-------------------------------|---------|
|  | HIGHWAY<br>MILES | VEHICLE<br>MILES<br>(MILLIONS) | DAILY<br>VEHICLE<br>MILES<br>PER MILE | NONFATALLY<br>INJURED PERSONS |         |
|  |                  |                                |                                       | NUMBER                        | RATE 1/ |
| COMPLETE DATA  |                  |                                |                                       |                               |         |
| ALABAMA  | 11,405           | 4,045                          | 972                                   | 2,256                         | 55.77   |
| ALASKA   | 1,851            | 470                            | 696                                   | 469                           | 99.79   |
| ARIZONA  | 3,299            | 1,731                          | 1,438                                 | 1,349                         | 77.93   |
| ARKANSAS   | 7,173            | 1,502                          | 574                                   | 1,172                         | 78.03   |
| CALIFORNIA   | 11,088           | 7,244                          | 1,790                                 | 27,109                        | 374.23  |
| COLORADO   | 3,411            | 1,205                          | 968                                   | 1,417                         | 117.59  |
| CONNECTICUT  | 902              | 1,167                          | 3,545                                 | 1,944                         | 166.58  |
| DELAWARE   | 602              | 547                            | 2,489                                 | 762                           | 139.31  |
| DIST. OF COL.  | -                | -                              | -                                     | -                             | -       |
| GEORGIA  | 13,996           | 5,325                          | 1,042                                 | 7,695                         | 144.51  |
| HAWAII   | 450              | 414                            | 2,521                                 | 614                           | 148.31  |
| IDAHO  | 4,191            | 977                            | 639                                   | 1,396                         | 142.89  |
| ILLINOIS   | 12,938           | 3,924                          | 831                                   | 5,760                         | 146.79  |
| IOWA   | 13,490           | 2,216                          | 450                                   | 2,255                         | 101.76  |
| KANSAS   | 22,611           | 2,454                          | 297                                   | 2,576                         | 104.97  |
| KENTUCKY   | 7,252            | 4,351                          | 1,644                                 | 7,604                         | 174.76  |
| LOUISIANA  | 7,351            | 4,732                          | 1,764                                 | 8,975                         | 189.67  |
| MAINE  | 2,730            | 1,507                          | 1,512                                 | 1,945                         | 129.06  |
| MARYLAND   | 1,894            | 1,885                          | 2,727                                 | 4,826                         | 256.02  |
| MICHIGAN   | 16,986           | 7,336                          | 1,183                                 | 1,000                         | 13.63   |
| MINNESOTA  | 16,640           | 3,446                          | 567                                   | 3,465                         | 100.55  |
| MISSISSIPPI  | 11,726           | 2,957                          | 691                                   | 2,621                         | 88.64   |
| MONTANA  | 4,691            | 456                            | 266                                   | 523                           | 114.69  |
| NEBRASKA   | 11,434           | 1,160                          | 278                                   | 1,300                         | 112.07  |
| NEVADA   | 2,315            | 813                            | 962                                   | 792                           | 97.42   |
| NEW HAMPSHIRE  | 1,230            | 867                            | 1,931                                 | 981                           | 113.15  |
| NEW JERSEY   | 1,722            | 2,923                          | 4,651                                 | 5,498                         | 188.09  |
| NEW MEXICO   | 3,951            | 1,262                          | 875                                   | 1,648                         | 130.59  |
| NEW YORK   | 6,306            | 4,978                          | 2,163                                 | 21,531                        | 432.52  |
| NORTH CAROLINA   | 10,297           | 9,921                          | 2,640                                 | 12,272                        | 123.70  |
| NORTH DAKOTA   | 10,535           | 742                            | 193                                   | 514                           | 69.27   |
| OHIO   | 11,610           | 8,246                          | 1,946                                 | 12,586                        | 152.63  |
| OKLAHOMA   | 11,178           | 3,579                          | 877                                   | 2,227                         | 62.22   |
| OREGON   | 7,791            | 1,861                          | 654                                   | 3,280                         | 176.25  |
| PENNSYLVANIA   | 8,039            | 5,463                          | 1,862                                 | 9,524                         | 174.34  |
| RHODE ISLAND   | 197              | 116                            | 1,613                                 | 177                           | 152.59  |
| SOUTH CAROLINA   | 8,517            | 4,047                          | 1,302                                 | 4,144                         | 102.40  |
| SOUTH DAKOTA   | 10,993           | 769                            | 192                                   | 684                           | 88.95   |
| TENNESSEE  | 5,471            | 2,708                          | 1,356                                 | 4,317                         | 159.42  |
| TEXAS  | 32,623           | 13,480                         | 1,132                                 | 15,006                        | 111.32  |
| UTAH   | 2,604            | 685                            | 721                                   | 777                           | 113.43  |
| VIRGINIA   | 10,206           | 5,739                          | 1,541                                 | 10,264                        | 178.85  |
| WASHINGTON   | 7,205            | 4,407                          | 1,676                                 | 13,641                        | 309.53  |
| WEST VIRGINIA  | 6,360            | 3,439                          | 1,481                                 | 6,907                         | 200.84  |
| WISCONSIN  | 12,409           | 3,436                          | 759                                   | 7,906                         | 230.09  |
| WYOMING  | 2,293            | 409                            | 489                                   | 349                           | 85.33   |
| SUBTOTAL   | 361,963          | 140,941                        | 1,067                                 | 224,058                       | 158.97  |
| INCOMPLETE DATA  |                  |                                |                                       |                               |         |
| FLORIDA  |                  |                                |                                       |                               |         |
| INDIANA  |                  |                                |                                       |                               |         |
| MASSACHUSETTS  |                  |                                |                                       |                               |         |
| MISSOURI   |                  |                                |                                       |                               |         |
| VERMONT  |                  |                                |                                       |                               |         |
| 1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES. |                  |                                |                                       |                               |         |

**TABLE 6-E. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986**

**NONFEDERAL-AID ARTERIAL HIGHWAYS**

| STATE           | RURAL         |                          |                              |                            | STATE         | URBAN         |                          |                              |                            |        |         |
|-----------------|---------------|--------------------------|------------------------------|----------------------------|---------------|---------------|--------------------------|------------------------------|----------------------------|--------|---------|
|                 | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |        |         |
|                 |               |                          |                              | NUMBER                     |               |               |                          |                              | RATE 1/                    | NUMBER | RATE 1/ |
| COMPLETE DATA   |               |                          |                              |                            | COMPLETE DATA |               |                          |                              |                            |        |         |
| ALABAMA         | 1             | 1                        | 2,740                        | 0                          | 0.00          | 222           | 474                      | 5,850                        | 829                        | 174.89 |         |
| ALASKA          | -             | -                        | -                            | -                          | -             | 1             | 1                        | 2,740                        | 0                          | 0.00   |         |
| ARIZONA         | 17            | 19                       | 3,962                        | 14                         | 73.68         | 26            | 96                       | 10,116                       | 82                         | 85.42  |         |
| ARKANSAS        | 362           | 194                      | 1,468                        | 76                         | 39.18         | 411           | 455                      | 3,100                        | 355                        | 75.34  |         |
| CALIFORNIA      | 15            | 16                       | 2,740                        | 97                         | 606.25        | 1,287         | 3,338                    | 7,106                        | 7,696                      | 230.55 |         |
| COLORADO        | 5             | 2                        | 1,096                        | 0                          | 0.00          | 27            | 4                        | 406                          | 0                          | 0.00   |         |
| CONNECTICUT     | 5             | 20                       | 6,088                        | 36                         | 180.00        | 41            | 203                      | 13,565                       | 266                        | 131.03 |         |
| DELAWARE        | 1             | 1                        | 2,740                        | 0                          | 0.00          | 4             | 1                        | 685                          | 1                          | 100.00 |         |
| GEORGIA         | -             | -                        | -                            | -                          | -             | 11            | 13                       | 3,238                        | 0                          | 0.00   |         |
| DIST. OF COL.   | -             | -                        | -                            | -                          | -             | 2             | 12                       | 16,438                       | 0                          | 0.00   |         |
| HAWAII          | 10            | 19                       | 5,205                        | 0                          | 0.00          | 54            | 108                      | 5,479                        | 189                        | 175.00 |         |
| IDAHO           | 1             | 1                        | 2,740                        | 4                          | 400.00        | 40            | 133                      | 9,110                        | 187                        | 140.60 |         |
| ILLINOIS        | -             | -                        | -                            | -                          | -             | 9             | 4                        | 1,218                        | 33                         | 825.00 |         |
| INDIANA         | -             | -                        | -                            | -                          | -             | 215           | 658                      | 8,385                        | 2,637                      | 400.76 |         |
| IOWA            | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| KANSAS          | 48            | 68                       | 3,881                        | 39                         | 57.35         | 292           | 602                      | 5,648                        | 611                        | 101.49 |         |
| KENTUCKY        | -             | -                        | -                            | -                          | -             | 14            | 80                       | 15,656                       | 40                         | 50.00  |         |
| LOUISIANA       | 9             | 23                       | 7,002                        | 9                          | 39.13         | 9             | 34                       | 10,350                       | 116                        | 341.18 |         |
| MAINE           | 40            | 140                      | 9,589                        | 79                         | 56.43         | 807           | 453                      | 1,538                        | 461                        | 101.77 |         |
| MARYLAND        | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| MASSACHUSETTS   | -             | -                        | -                            | -                          | -             | 33            | 10                       | 830                          | 0                          | 0.00   |         |
| MICHIGAN        | -             | -                        | -                            | -                          | -             | 35            | 60                       | 4,566                        | 134                        | 223.33 |         |
| MINNESOTA       | 250           | 54                       | 592                          | 15                         | 27.78         | 25            | 100                      | 10,959                       | 119                        | 119.00 |         |
| MISSISSIPPI     | 51            | 19                       | 1,021                        | 1                          | 5.26          | 18            | 98                       | 14,916                       | 37                         | 37.76  |         |
| MONTANA         | -             | -                        | -                            | -                          | -             | 265           | 3,018                    | 31,085                       | 3,624                      | 120.08 |         |
| NEBRASKA        | -             | -                        | -                            | -                          | -             | 51            | 79                       | 4,244                        | 0                          | 0.00   |         |
| NEVADA          | 23            | 134                      | 15,962                       | 46                         | 34.33         | 118           | 640                      | 14,860                       | 0                          | 0.00   |         |
| NEW HAMPSHIRE   | 113           | 816                      | 19,784                       | 972                        | 119.12        | 5             | 1                        | 2,055                        | 0                          | 0.00   |         |
| NEW JERSEY      | -             | -                        | -                            | -                          | -             | 4             | 3                        | 1,805                        | 83                         | 75.45  |         |
| NEW MEXICO      | -             | -                        | -                            | -                          | -             | 167           | 110                      | 7,107                        | 112                        | 62.57  |         |
| NEW YORK        | -             | -                        | -                            | -                          | -             | 69            | 179                      | -                            | -                          | -      |         |
| NORTH DAKOTA    | 2             | 1                        | 1,370                        | 0                          | 0.00          | -             | -                        | -                            | -                          | -      |         |
| OHIO            | 223           | 305                      | 3,747                        | 44                         | 14.43         | 260           | 594                      | 6,259                        | 1,458                      | 245.45 |         |
| OKLAHOMA        | 195           | 122                      | 1,807                        | 126                        | 103.28        | 10            | 37                       | 10,137                       | 1,144                      | 369.19 |         |
| OREGON          | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| PENNSYLVANIA    | -             | -                        | -                            | -                          | -             | 1,926         | 5,800                    | 8,250                        | 1,975                      | 34.05  |         |
| RHODE ISLAND    | 14            | 9                        | 1,566                        | 2                          | 25.00         | 41            | 34                       | 2,272                        | 104                        | 305.88 |         |
| SOUTH CAROLINA  | 1             | 3                        | 2,740                        | 0                          | 0.00          | -             | -                        | -                            | -                          | -      |         |
| SOUTH DAKOTA    | 3             | 3                        | 7,306                        | 0                          | 0.00          | 124           | 680                      | 15,024                       | 110                        | 16.18  |         |
| TENNESSEE       | -             | -                        | -                            | -                          | -             | 11            | 8                        | 1,993                        | 0                          | 0.00   |         |
| TEXAS           | -             | -                        | -                            | -                          | -             | 128           | 322                      | 6,852                        | 426                        | 132.30 |         |
| UTAH            | -             | -                        | -                            | -                          | -             | 3             | 5                        | 4,566                        | 0                          | 0.00   |         |
| VERMONT         | 310           | 303                      | 2,678                        | 1                          | 0.33          | -             | -                        | -                            | -                          | -      |         |
| VIRGINIA        | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| WASHINGTON      | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| WEST VIRGINIA   | 1             | 1                        | 2,740                        | 0                          | 0.00          | -             | -                        | -                            | -                          | -      |         |
| WISCONSIN       | 248           | 108                      | 1,193                        | 93                         | 86.11         | -             | -                        | -                            | -                          | -      |         |
| WYOMING         | -             | -                        | -                            | -                          | -             | 6,767         | 18,457                   | 7,473                        | 22,719                     | 123.09 |         |
| SUBTOTAL        | 1,943         | 2,384                    | 3,362                        | 1,654                      | 69.38         | -             | -                        | -                            | -                          | -      |         |
| INCOMPLETE DATA | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| FLORIDA         | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| MISSOURI        | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |
| NORTH CAROLINA  | -             | -                        | -                            | -                          | -             | -             | -                        | -                            | -                          | -      |         |

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

**TABLE 6-F. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986**  
**NONFEDERAL-AID COLLECTOR HIGHWAYS**

| STATE   | RURAL         |                          |                              |                            | STATE         | URBAN         |                          |                              |                            |          |                    |
|---|---------------|--------------------------|------------------------------|----------------------------|---------------|---------------|--------------------------|------------------------------|----------------------------|----------|--------------------|
|   | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |          |                    |
|   |               |                          |                              | NUMBER                     |               |               |                          |                              | RATE <sup>1/</sup>         | NUMBER   | RATE <sup>1/</sup> |
| COMPLETE DATA   |               |                          |                              |                            | COMPLETE DATA |               |                          |                              |                            |          |                    |
| ALABAMA   | 7,010         | 1,030                    | 403                          | 544                        | 62.52         | 464           | 481                      | 2,840                        | 1,720                      | 357.59   |                    |
| ALASKA  | 881           | 155                      | 482                          | 229                        | 147.74        | 54            | 63                       | 3,196                        | 95                         | 150.79   |                    |
| ARIZONA   | 4,328         | 770                      | 487                          | 316                        | 41.04         | 380           | 570                      | 4,110                        | 1,379                      | 241.93   |                    |
| ARKANSAS  | 11,794        | 1,650                    | 383                          | 1,230                      | 74.55         | 704           | 296                      | 1,152                        | 412                        | 139.19   |                    |
| CALIFORNIA  | 11,693        | 3,028                    | 709                          | 15,678                     | 517.77        | 2,627         | 3,083                    | 3,215                        | 7,301                      | 236.81   |                    |
| COLORADO  | 15,976        | 1,591                    | 273                          | 2,518                      | 158.27        | 613           | 514                      | 2,297                        | 1,793                      | 348.82   |                    |
| CONNECTICUT   | 1,193         | 524                      | 1,203                        | 188                        | 188.93        | 188           | 220                      | 3,206                        | 1,472                      | 214.55   |                    |
| DELAWARE  | 158           | 65                       | 1,127                        | 134                        | 206.15        | 22            | 19                       | 3,266                        | 33                         | 173.68   |                    |
| DIST. OF COL.   |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| GEORGIA   | 7,300         | 783                      | 294                          | 1,774                      | 226.56        | 4             | 1                        | 2,790                        | 0                          | 0.00     |                    |
| HAWAII  | 156           | 176                      | 3,091                        | 1                          | 0.57          | 106           | 9                        | 6,114                        | 0                          | 0.00     |                    |
| IDAHO   | 4,561         | 450                      | 139                          | 30,89                      | 30.89         | 191           | 185                      | 2,119                        | 130                        | 158.54   |                    |
| ILLINOIS  | 4,882         | 1,194                    | 670                          | 1,913                      | 160.22        | 173           | 40                       | 2,684                        | 574                        | 310.27   |                    |
| IOWA  | 16,392        | 662                      | 111                          | 1,715                      | 259.06        | 295           | 331                      | 3,074                        | 877                        | 197.50   |                    |
| KANSAS  | 9,404         | 270                      | 79                           | 3,306                      | 113.33        | 295           | 104                      | 2,152                        | 328                        | 264.95   |                    |
| KENTUCKY  | 9,352         | 1,728                    | 506                          | 3,380                      | 195.60        | 350           | 366                      | 2,893                        | 38                         | 10.38    |                    |
| LOUISIANA   | 4,298         | 1,322                    | 843                          | 2,201                      | 166.49        | 32            | 19                       | 1,627                        | 39                         | 205.26   |                    |
| MAINE   | 2,802         | 840                      | 821                          | 1,471                      | 175.12        | 451           | 590                      | 3,292                        | 1,144                      | 193.90   |                    |
| MARYLAND  | 1,898         | 721                      | 1,041                        | 238.14                     | 238.14        | 1,609         | 1,379                    | 2,348                        | 874                        | 163.38   |                    |
| MICHIGAN  | 7,895         | 1,490                    | 517                          | 15,098                     | 1,012.62      | 1,227         | 1,705                    | 3,807                        | 3,948                      | 231.55   |                    |
| MINNESOTA   | 11,875        | 1,015                    | 234                          | 1,975                      | 108.91        | 2             | 1                        | 1,370                        | 0                          | 0.00     |                    |
| MISSISSIPPI   | 2,941         | 275                      | 256                          | 1,972                      | 49.45         | 120           | 61                       | 1,393                        | 19                         | 31.15    |                    |
| MONTANA   | 11,246        | 713                      | 172                          | 336                        | 55.32         |               |                          |                              |                            |          |                    |
| NEBRASKA  | 9,249         | 283                      | 84                           | 355                        | 181.27        |               |                          |                              |                            |          |                    |
| NEVADA  | 2,465         | 334                      | 149                          | 162                        | 120.90        | 339           | 374                      | 3,023                        | 898                        | 240.11   |                    |
| NEW HAMPSHIRE   | 1,244         | 333                      | 333                          | 438                        | 131.53        | 7             | 3                        | 1,174                        | 4                          | 133.33   |                    |
| NEW JERSEY  | 1,287         | 1,844                    | 973                          | 1,844                      | 198.92        | 95            | 156                      | 4,499                        | 298                        | 191.03   |                    |
| NEW MEXICO  | 2,559         | 251                      | 269                          | 424                        | 168.92        | 386           | 201                      | 2,255                        | 1,326                      | 1,678.48 |                    |
| NEW YORK  | 10,806        | 4,408                    | 1,118                        | 19,198                     | 435.53        | 29            | 15                       | 1,417                        | 19                         | 330.35   |                    |
| NORTH DAKOTA  | 8,053         | 231                      | 79                           | 173                        | 74.89         |               |                          |                              |                            |          |                    |
| OHIO  | 7,324         | 2,200                    | 823                          | 3,626                      | 164.82        | 462           | 284                      | 1,584                        | 502                        | 176.76   |                    |
| OKLAHOMA  | 13,319        | 1,403                    | 289                          | 323                        | 23.02         | 197           | 201                      | 2,795                        | 296                        | 147.26   |                    |
| OREGON  | 9,040         | 1,143                    | 346                          | 582                        | 50.92         |               |                          |                              |                            |          |                    |
| PENNSYLVANIA  | 8,673         | 2,437                    | 770                          | 4,756                      | 195.16        |               |                          |                              |                            |          |                    |
| RHODE ISLAND  | 143           | 51                       | 977                          | 57                         | 111.76        |               |                          |                              |                            |          |                    |
| SOUTH CAROLINA  | 4,015         | 607                      | 414                          | 512                        | 84.35         | 624           | 379                      | 1,564                        | 721                        | 190.24   |                    |
| SOUTH DAKOTA  | 7,336         | 161                      | 60                           | 165                        | 102.48        | 52            | 64                       | 3,372                        | 118                        | 184.38   |                    |
| TENNESSEE   | 10,770        | 1,937                    | 493                          | 2,820                      | 145.59        | 3,902         | 4,621                    | 3,245                        | 89                         | 0.00     |                    |
| TEXAS   | 20,612        | 2,339                    | 311                          | 2,379                      | 101.71        | 3,902         | 4,621                    | 3,245                        | 89                         | 1.93     |                    |
| UTAH  | 4,736         | 233                      | 135                          | 296                        | 127.04        | 91            | 41                       | 1,234                        | 116                        | 282.93   |                    |
| VIRGINIA  | 2,402         | 406                      | 463                          | 956                        | 235.47        |               |                          |                              |                            |          |                    |
| WASHINGTON  | 6,522         | 1,304                    | 548                          | 5,049                      | 387.19        | 27            | 8                        | 812                          | 0                          | 0.00     |                    |
| WEST VIRGINIA   | 2,173         | 336                      | 424                          | 562                        | 167.26        | 545           | 459                      | 4,569                        | 861                        | 20.00    |                    |
| WISCONSIN   | 7,236         | 923                      | 349                          | 1,506                      | 163.16        | 18            | 12                       | 2,507                        | 0                          | 187.58   |                    |
| WYOMING   | 7,583         | 416                      | 150                          | 213                        | 51.20         |               |                          |                              |                            |          |                    |
| SUBTOTAL  | 295,782       | 42,916                   | 398                          | 99,604                     | 232.09        | 16,565        | 17,022                   | 2,815                        | 27,168                     | 159.61   |                    |
| INCOMPLETE DATA   |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| FLORIDA   |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| INDIANA   |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| MASSACHUSETTS   |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| MISSOURI  |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| NORTH CAROLINA  |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| VERMONT   |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |
| <sup>1/</sup> NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES. |               |                          |                              |                            |               |               |                          |                              |                            |          |                    |



**TABLE 6-G. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986**  
**NONFEDERAL-AID LOCAL HIGHWAYS**

| STATE   | RURAL         |                          |                            |                | STATE         | URBAN         |                          |                              |                            |                |  |
|---|---------------|--------------------------|----------------------------|----------------|---------------|---------------|--------------------------|------------------------------|----------------------------|----------------|--|
|   | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | NONFATALLY INJURED PERSONS |                |               | HIGHWAY MILES | VEHICLE MILES (MILLIONS) | DAILY VEHICLE MILES PER MILE | NONFATALLY INJURED PERSONS |                |  |
|   |               |                          | NUMBER                     | RATE $\lambda$ |               |               |                          |                              | NUMBER                     | RATE $\lambda$ |  |
| COMPLETE DATA   |               |                          |                            |                | COMPLETE DATA |               |                          |                              |                            |                |  |
| ALABAMA   | 48,459        | 3,024                    | 171                        | 4,984          | 164.81        | 10,101        | 2,124                    | 576                          | 9,614                      | 452.64         |  |
| ALASKA  | 7,146         | 404                      | 155                        | 1,209          | 259.26        | 1,339         | 1,446                    | 913                          | 44                         | 9.87           |  |
| ARIZONA   | 54,715        | 1,613                    | 81                         | 4,112          | 254.93        | 6,334         | 1,334                    | 576                          | 4,866                      | 364.77         |  |
| ARKANSAS  | 44,971        | 1,045                    | 64                         | 4,112          | 101.82        | 4,786         | 611                      | 350                          | 2,041                      | 334.04         |  |
| CALIFORNIA  | 73,312        | 7,337                    | 272                        | 22,935         | 312.59        | 43,913        | 23,438                   | 1,862                        | 29,410                     | 125.48         |  |
| COLORADO  | 41,375        | 780                      | 52                         | 1,625          | 208.33        | 7,387         | 3,224                    | 1,396                        | 3,100                      | 96.15          |  |
| CONNECTICUT   | 6,029         | 865                      | 393                        | 1,776          | 205.32        | 6,757         | 1,833                    | 743                          | 6,439                      | 351.28         |  |
| DELAWARE  | 2,895         | 427                      | 434                        | 1,049          | 245.67        | 1,072         | 456                      | 1,465                        | 7,823                      | 135.31         |  |
| DIST. OF COL.   |               |                          |                            |                |               | 14,054        | 4,825                    | 341                          | 7,863                      | 165.04         |  |
| GEORGIA   | 55,975        | 2,820                    | 138                        | 4,908          | 174.04        | 902           | 1,264                    | 3,839                        | 1,592                      | 125.16         |  |
| HAWAII  | 1,550         | 184                      | 804                        | 489            | 101.03        | 1,382         | 146                      | 289                          | 1,245                      | 852.74         |  |
| IDAHO   | 57,954        | 1,026                    | 49                         | 1,760          | 171.54        | 21,755        | 6,784                    | 854                          | 44,962                     | 662.77         |  |
| ILLINOIS  | 76,707        | 3,313                    | 118                        | 6,325          | 190.91        | 5,293         | 1,113                    | 576                          | 2,804                      | 331.53         |  |
| IOWA  | 65,205        | 1,438                    | 60                         | 2,795          | 178.86        | 6,135         | 1,481                    | 661                          | 4,621                      | 512.02         |  |
| KANSAS  | 83,473        | 1,255                    | 40                         | 2,795          | 228.24        | 4,916         | 1,740                    | 970                          | 4,541                      | 260.98         |  |
| KENTUCKY  | 41,575        | 1,837                    | 125                        | 4,197          | 221.59        | 8,814         | 892                      | 277                          | 13,955                     | 1,564.46       |  |
| LOUISIANA   | 31,169        | 2,037                    | 173                        | 6,946          | 340.99        | 1,435         | 207                      | 395                          | 13,061                     | 301.45         |  |
| MAINE   | 11,885        | 864                      | 195                        | 2,764          | 319.91        | 8,314         | 1,698                    | 560                          | 13,061                     | 769.20         |  |
| MARYLAND  | 10,425        | 1,098                    | 285                        | 2,960          | 269.58        | 17,675        | 3,545                    | 549                          | 60,609                     | 1,709.70       |  |
| MICHIGAN  | 58,866        | 2,411                    | 112                        | 2,498          | 93.14         | 9,758         | 2,553                    | 717                          | 4,248                      | 166.39         |  |
| MINNESOTA   | 80,750        | 2,324                    | 179                        | 1,035          | 44.54         | 4,820         | 1,218                    | 692                          | 2,527                      | 207.47         |  |
| MISSISSIPPI   | 43,947        | 2,164                    | 135                        | 2,406          | 110.28        | 1,665         | 748                      | 1,231                        | 2,455                      | 328.21         |  |
| MONTANA   | 46,825        | 1,173                    | 45                         | 847            | 110.11        | 3,586         | 572                      | 437                          | 1,403                      | 245.28         |  |
| NEBRASKA  | 59,201        | 1,173                    | 54                         | 2,101          | 170.11        | 2,220         | 410                      | 506                          | 1,470                      | 358.54         |  |
| NEVADA  | 34,126        | 268                      | 22                         | 1,244          | 94.35         | 1,395         | 233                      | 458                          | 298.71                     | 258.24         |  |
| NEW HAMPSHIRE   | 8,499         | 488                      | 157                        | 1,447          | 295.92        | 15,789        | 10,071                   | 1,748                        | 18,454                     | 193.24         |  |
| NEW JERSEY  | 7,563         | 847                      | 307                        | 3,155          | 372.45        | 4,179         | 1,154                    | 757                          | 2,990                      | 259.10         |  |
| NEW MEXICO  | 37,599        | 764                      | 56                         | 1,680          | 219.90        | 25,561        | 7,199                    | 778                          | 41,037                     | 570.04         |  |
| NEW YORK  | 48,517        | 3,862                    | 218                        | 32,893         | 851.71        | 1,926         | 1,268                    | 689                          | 6,662                      | 256.59         |  |
| NORTH DAKOTA  | 59,954        | 722                      | 33                         | 627            | 86.84         | 20,933        | 11,516                   | 1,520                        | 48,075                     | 413.87         |  |
| OHIO  | 57,500        | 9,067                    | 432                        | 9,581          | 105.67        | 8,164         | 3,325                    | 1,015                        | 6,077                      | 200.89         |  |
| OKLAHOMA  | 68,277        | 1,756                    | 70                         | 3,973          | 226.25        | 5,709         | 3,255                    | 432                          | 3,547                      | 360.10         |  |
| OREGON  | 63,825        | 1,437                    | 62                         | 1,151          | 80.10         | 15,985        | 5,393                    | 755                          | 35,253                     | 671.48         |  |
| PENNSYLVANIA  | 60,946        | 5,421                    | 244                        | 10,327         | 190.50        | 6,434         | 1,019                    | 895                          | 11,209                     | 118.85         |  |
| RHODE ISLAND  | 1,098         | 300                      | 749                        | 66             | 22.00         | 6,433         | 398                      | 255                          | 3,110                      | 520.07         |  |
| SOUTH CAROLINA  | 35,818        | 1,856                    | 142                        | 3,082          | 166.06        | 1,132         | 243                      | 589                          | 231.28                     | 212.35         |  |
| SOUTH DAKOTA  | 47,073        | 1,543                    | 32                         | 758            | 139.59        | 10,227        | 3,012                    | 807                          | 6,395                      | 410.84         |  |
| TENNESSEE   | 47,125        | 1,548                    | 90                         | 7,461          | 481.98        | 57,327        | 22,050                   | 1,056                        | 90,755                     | 410.84         |  |
| TEXAS   | 142,108       | 4,311                    | 83                         | 17,319         | 401.74        | 4,010         | 1,471                    | 1,005                        | 2,685                      | 182.93         |  |
| UTAH  | 34,035        | 498                      | 40                         | 1,350          | 271.08        | 9,960         | 4,587                    | 1,262                        | 7,442                      | 182.93         |  |
| VIRGINIA  | 2,919         | 2,919                    | 242                        | 5,527          | 189.35        | 10,617        | 4,587                    | 196                          | 6,548                      | 98.62          |  |
| WASHINGTON  | 32,410        | 761                      | 30                         | 7,613          | 1,516.53      | 1,899         | 288                      | 196                          | 1,753                      | 608.58         |  |
| WEST VIRGINIA   | 20,593        | 761                      | 100                        | 4,258          | 557.33        | 9,481         | 4,477                    | 1,294                        | 15,883                     | 354.77         |  |
| WISCONSIN   | 66,234        | 2,223                    | 92                         | 5,745          | 258.43        | 1,078         | 150                      | 381                          | 367                        | 244.67         |  |
| WYOMING   | 23,302        | 250                      | 29                         | 602            | 240.80        |               |                          |                              |                            |                |  |
| SUBTOTAL  | 1,948,151     | 80,881                   | 114                        | 222,219        | 274.75        | 411,885       | 141,295                  | 940                          | 519,102                    | 367.39         |  |
| INCOMPLETE DATA   |               |                          |                            |                |               |               |                          |                              |                            |                |  |
| FLORIDA   |               |                          |                            |                |               |               |                          |                              |                            |                |  |
| INDIANA   |               |                          |                            |                |               |               |                          |                              |                            |                |  |
| MASSACHUSETTS   |               |                          |                            |                |               |               |                          |                              |                            |                |  |
| MISSOURI  |               |                          |                            |                |               |               |                          |                              |                            |                |  |
| NORTH CAROLINA  |               |                          |                            |                |               |               |                          |                              |                            |                |  |
| VERMONT   |               |                          |                            |                |               |               |                          |                              |                            |                |  |
| $\lambda$ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES. |               |                          |                            |                |               |               |                          |                              |                            |                |  |

## SECTION III--OTHER RATES

### A. Highway Mileage

Vehicle mileage rates for the United States, listed in Table 1, are the most common measure of safety performance. For some purposes, rates per mile of highway may be more useful. These are listed in Table 7. Note that, because of the concentration of travel on highway systems with the fewest fatalities per vehicle mile, highways on these systems tend to have the highest number of fatalities per highway mile.

### B. Population

Population rates are most useful for comparing motor vehicle accidents with other public health problems. In 1985, only heart disease, cancer and stroke were responsible for more deaths, according to the National Center for Health Statistics. State rates per thousand residents are listed in Table 8 for fatal and nonfatal injury accidents, fatalities, and nonfatally injured persons.

### C. Licensed Drivers

The number of accidents per licensed driver reflects both the care with which drivers operate their vehicles and the amount of travel under various conditions. State accident, fatality, and injury rates per licensed driver are listed in Table 9.

### D. Registered Vehicles

As is the case with licensed drivers, the number of accidents per registered vehicle is affected both by the care with which the vehicle is driven and the amount of travel under various conditions. State rates per registered vehicle are listed in Table 10.

**TABLE 7. U.S. HIGHWAY-MILE RATES BY HIGHWAY SYSTEM - 1986**

| HIGHWAY SYSTEM                       | HIGHWAY MILES Z/ | VEHICLE MILES (MILLIONS) Z/ | DAILY VEHICLE MILES PER MILE | FATAL ACCIDENTS |         | NONFATAL INJURY ACCIDENTS Z/ |         | FATALITIES |         | NONFATAL INJURED PERSONS Z/ |          |
|--------------------------------------|------------------|-----------------------------|------------------------------|-----------------|---------|------------------------------|---------|------------|---------|-----------------------------|----------|
|                                      |                  |                             |                              | NUMBER          | RATE Z/ | NUMBER                       | RATE Z/ | NUMBER     | RATE Z/ | NUMBER                      | RATE Z/  |
| INTERSTATE (ARTERIAL)                |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 32,784           | 159,477                     | 13,327                       | 1,808           | 55.15   | 36,858                       | 1,124.3 | 2,112      | 64.42   | 58,889                      | 1,796.3  |
| URBAN                                | 11,050           | 231,177                     | 57,266                       | 1,908           | 172.51  | 107,472                      | 9,717.2 | 2,139      | 193.40  | 162,138                     | 14,659.9 |
| TOTAL                                | 43,834           | 390,654                     | 24,411                       | 3,716           | 84.76   | 144,330                      | 3,291.9 | 4,251      | 96.96   | 221,027                     | 5,041.2  |
| OTHER FEDERAL-AID PRIMARY (ARTERIAL) |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 226,416          | 286,046                     | 3,451                        | 8,570           | 37.85   | 194,552                      | 859.3   | 10,171     | 44.92   | 326,992                     | 1,444.2  |
| URBAN                                | 32,973           | 231,425                     | 20,891                       | 4,014           | 121.74  | 317,042                      | 9,615.2 | 4,408      | 123.55  | 489,457                     | 14,844.2 |
| TOTAL                                | 259,389          | 537,471                     | 5,677                        | 12,584          | 48.51   | 511,594                      | 1,972.3 | 14,579     | 56.21   | 816,449                     | 3,147.6  |
| FEDERAL-AID URBAN ARTERIAL COLLECTOR |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 90,461           | 326,528                     | 9,889                        | 7,351           | 81.26   | 569,489                      | 6,295.4 | 7,931      | 87.67   | 863,633                     | 9,547.0  |
| URBAN                                | 55,660           | 70,812                      | 3,486                        | 1,292           | 23.21   | 107,365                      | 1,928.9 | 1,380      | 24.79   | 155,235                     | 2,789.9  |
| TOTAL (ALL URBAN)                    | 146,121          | 397,340                     | 7,450                        | 8,643           | 59.15   | 676,854                      | 4,632.1 | 9,311      | 63.72   | 1,018,868                   | 6,972.8  |
| FEDERAL-AID SECONDARY (COLLECTOR)    |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| TOTAL (ALL RURAL)                    | 397,914          | 157,351                     | 1,083                        | 5,814           | 14.61   | 164,824                      | 414.2   | 6,653      | 16.72   | 257,912                     | 648.2    |
| NON-FEDERAL-AID ARTERIAL             |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 2,547            | 4,102                       | 4,412                        | 102             | 40.05   | 1,761                        | 691.4   | 133        | 52.22   | 3,196                       | 1,254.8  |
| URBAN                                | 8,643            | 24,024                      | 7,615                        | 400             | 46.28   | 19,041                       | 2,203.1 | 437        | 50.56   | 29,268                      | 3,386.3  |
| TOTAL                                | 11,190           | 28,126                      | 6,886                        | 502             | 44.86   | 20,802                       | 1,859.0 | 570        | 50.94   | 32,464                      | 2,901.2  |
| NON-FEDERAL-AID COLLECTOR            |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 329,799          | 50,767                      | 422                          | 1,752           | 5.31    | 80,784                       | 244.9   | 1,969      | 5.97    | 120,468                     | 365.3    |
| URBAN                                | 15,290           | 19,709                      | 2,799                        | 309             | 15.02   | 20,024                       | 1,038.1 | 332        | 17.21   | 28,708                      | 1,488.2  |
| TOTAL                                | 345,089          | 70,476                      | 553                          | 2,061           | 5.90    | 100,808                      | 288.8   | 2,301      | 6.59    | 149,176                     | 427.3    |
| NON-FEDERAL-AID LOCAL                |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 2,188,664        | 92,332                      | 116                          | 4,276           | 1.95    | 197,678                      | 90.3    | 4,711      | 2.15    | 292,558                     | 133.7    |
| URBAN                                | 483,327          | 164,490                     | 932                          | 3,466           | 7.17    | 436,810                      | 903.8   | 3,680      | 7.61    | 621,146                     | 1,285.1  |
| TOTAL                                | 2,671,991        | 256,822                     | 263                          | 7,742           | 2.90    | 634,488                      | 237.5   | 8,391      | 3.14    | 913,704                     | 342.0    |
| ALL FEDERAL-AID                      |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 657,114          | 602,874                     | 2,514                        | 16,192          | 24.64   | 396,234                      | 603.0   | 18,936     | 28.82   | 643,793                     | 979.7    |
| URBAN                                | 190,154          | 875,942                     | 12,678                       | 14,565          | 76.50   | 1,101,368                    | 5,792.0 | 15,858     | 83.40   | 1,670,463                   | 8,784.8  |
| TOTAL                                | 847,268          | 1,478,816                   | 4,795                        | 30,757          | 36.30   | 1,497,602                    | 1,767.6 | 34,794     | 41.07   | 2,314,256                   | 2,731.4  |
| ALL NON-FEDERAL-AID                  |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 2,521,010        | 147,201                     | 160                          | 6,130           | 2.43    | 280,223                      | 111.2   | 6,813      | 2.70    | 416,222                     | 165.1    |
| URBAN                                | 511,260          | 208,223                     | 1,116                        | 4,175           | 8.17    | 475,875                      | 930.8   | 4,449      | 8.70    | 679,122                     | 1,326.3  |
| TOTAL                                | 3,032,270        | 355,424                     | 321                          | 10,305          | 3.40    | 756,098                      | 249.4   | 11,262     | 3.71    | 1,095,344                   | 361.2    |
| NON-INTERSTATE                       |                  |                             |                              |                 |         |                              |         |            |         |                             |          |
| RURAL                                | 3,145,340        | 590,598                     | 514                          | 20,514          | 6.52    | 639,599                      | 203.3   | 23,637     | 7.51    | 1,001,126                   | 318.3    |
| URBAN                                | 690,354          | 856,988                     | 3,401                        | 16,832          | 24.38   | 1,469,771                    | 2,129.0 | 18,168     | 26.32   | 2,187,447                   | 3,168.6  |
| TOTAL                                | 3,835,694        | 1,447,586                   | 1,034                        | 37,346          | 9.74    | 2,109,370                    | 549.9   | 41,805     | 10.90   | 3,188,573                   | 831.3    |
| TOTAL RURAL                          | 3,178,124        | 750,075                     | 647                          | 22,322          | 7.02    | 676,457                      | 212.8   | 25,749     | 8.10    | 1,060,015                   | 323.5    |
| URBAN                                | 701,414          | 1,088,165                   | 4,230                        | 18,740          | 26.72   | 1,577,243                    | 2,248.7 | 20,307     | 28.95   | 2,345,585                   | 3,348.8  |
| TOTAL                                | 3,879,538        | 1,838,240                   | 1,298                        | 41,062          | 10.58   | 2,253,700                    | 580.9   | 46,056     | 11.87   | 3,405,600                   | 878.9    |

OF TRAVEL ARE FROM THE HPMS AREA-WIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1987. FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR MAJOR HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-AID SYSTEM DATA WERE NOT REPORTED.

Z/ RATES ARE PER 1000 HIGHWAY MILES.

3/ TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE ESTIMATED BY FHWA FOR THE DISTRICT OF COLUMBIA, FLORIDA, INDIANA, MASSACHUSETTS, MISSOURI AND VERMONT.

J/ U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, AND VIRGIN ISLANDS. ESTIMATES FOR FATAL ACCIDENTS, FATALITIES, NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS ARE BASED ON THE PARTIAL DATA REPORTED BY STATES WHICH ARE DISPLAYED IN THE FOLLOWING TABLES, TOGETHER WITH TOTALS REPORTED BY MOST STATES.

Z/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1986. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1987 AND VEHICLE-MILES

**TABLE 8. FATAL AND INJURY ACCIDENT DATA  
RELATED TO POPULATION - 1986**

| STATE          | POPULATION            |                                   | RATES PER THOUSAND PERSONS |                  |  |                            |
|----------------|-----------------------|-----------------------------------|----------------------------|------------------|--|----------------------------|
|                | NUMBER<br>(THOUSANDS) | VEHICLE<br>MILES<br>PER<br>CAPITA | FATAL<br>ACCIDENT<br>RATE  | FATALITY<br>RATE | NONFATAL<br>INJURY<br>ACCIDENT<br>RATE | NONFATAL<br>INJURY<br>RATE |
| ALABAMA        | 4,052                 | 8,392                             | 0.24                       | 0.27             | 7.20                                   | 10.50                      |
| ALASKA         | 534                   | 7,506                             | 0.17                       | 0.19             | 6.88                                   | 10.17                      |
| ARIZONA        | 3,319                 | 6,829                             | 0.27                       | 0.30             | 7.84                                   | 12.21                      |
| ARKANSAS       | 2,372                 | 7,401                             | 0.22                       | 0.25             | 3.66                                   | 6.50                       |
| CALIFORNIA     | 26,981                | 7,965                             | 0.17                       | 0.19             | 8.64                                   | 12.87                      |
| COLORADO       | 3,267                 | 8,075                             | 0.16                       | 0.18             | 8.53                                   | 12.67                      |
| CONNECTICUT    | 3,189                 | 7,542                             | 0.13                       | 0.14             | 11.09                                  | 15.52                      |
| DELAWARE       | 633                   | 9,103                             | 0.19                       | 0.21             | 9.47                                   | 14.20                      |
| DIST. OF COL.  | 626                   | 5,251                             | 0.07                       | 0.07             | 1/ 0.00                                | 1/ 0.00                    |
| FLORIDA        | 11,675                | 7,475                             | 0.22                       | 0.24             | 1/ 0.00                                | 1/ 0.00                    |
| GEORGIA        | 6,104                 | 9,311                             | 0.23                       | 0.25             | 8.67                                   | 13.21                      |
| HAWAII         | 1,062                 | 6,564                             | 0.10                       | 0.11             | 6.83                                   | 12.14                      |
| IDAHO          | 1,002                 | 7,765                             | 0.22                       | 0.26             | 7.17                                   | 10.95                      |
| ILLINOIS       | 11,552                | 6,418                             | 0.13                       | 0.14             | 10.63                                  | 15.93                      |
| INDIANA        | 5,504                 | 7,409                             | 0.17                       | 0.19             | 1/ 0.00                                | 1/ 0.00                    |
| IOWA           | 2,851                 | 7,160                             | 0.14                       | 0.15             | 6.50                                   | 9.35                       |
| KANSAS         | 2,460                 | 8,057                             | 0.17                       | 0.20             | 8.53                                   | 13.07                      |
| KENTUCKY       | 3,729                 | 7,844                             | 0.19                       | 0.22             | 8.32                                   | 12.56                      |
| LOUISIANA      | 4,501                 | 6,634                             | 0.18                       | 0.21             | 8.79                                   | 14.52                      |
| MAINE          | 1,173                 | 8,544                             | 0.16                       | 0.18             | 10.04                                  | 14.60                      |
| MARYLAND       | 4,463                 | 7,889                             | 0.16                       | 0.18             | 11.40                                  | 18.59                      |
| MASSACHUSETTS  | 5,832                 | 6,986                             | 0.12                       | 0.13             | 1/ 0.00                                | 1/ 0.00                    |
| MICHIGAN       | 9,145                 | 7,871                             | 0.16                       | 0.17             | 11.62                                  | 17.21                      |
| MINNESOTA      | 4,214                 | 8,022                             | 0.12                       | 0.14             | 6.54                                   | 9.44                       |
| MISSISSIPPI    | 2,625                 | 7,324                             | 0.26                       | 0.29             | 1/ 5.02                                | 1/ 9.43                    |
| MISSOURI       | 5,066                 | 8,206                             | 0.19                       | 0.22             | 1/ 0.00                                | 1/ 0.00                    |
| MONTANA        | 819                   | 9,447                             | 0.24                       | 0.27             | 6.25                                   | 9.57                       |
| NEBRASKA       | 1,598                 | 7,904                             | 0.16                       | 0.18             | 8.45                                   | 12.40                      |
| NEVADA         | 963                   | 8,293                             | 0.21                       | 0.24             | 10.23                                  | 15.65                      |
| NEW HAMPSHIRE  | 1,027                 | 7,705                             | 0.16                       | 0.17             | 7.11                                   | 9.69                       |
| NEW JERSEY     | 7,619                 | 7,265                             | 0.12                       | 0.14             | 12.44                                  | 19.30                      |
| NEW MEXICO     | 1,479                 | 8,905                             | 0.29                       | 0.34             | 10.79                                  | 16.46                      |
| NEW YORK       | 17,772                | 5,330                             | 0.11                       | 0.12             | 10.90                                  | 15.86                      |
| NORTH CAROLINA | 6,333                 | 8,348                             | 0.24                       | 0.26             | 11.24                                  | 17.87                      |
| NORTH DAKOTA   | 679                   | 8,295                             | 0.13                       | 0.15             | 5.41                                   | 8.00                       |
| OHIO           | 10,752                | 7,566                             | 0.14                       | 0.16             | 10.43                                  | 16.63                      |
| OKLAHOMA       | 3,305                 | 9,329                             | 0.18                       | 0.21             | 6.80                                   | 10.42                      |
| OREGON         | 2,698                 | 8,429                             | 0.20                       | 0.23             | 9.11                                   | 14.36                      |
| PENNSYLVANIA   | 11,888                | 6,531                             | 0.14                       | 0.16             | 8.24                                   | 12.46                      |
| RHODE ISLAND   | 975                   | 5,568                             | 0.12                       | 0.13             | 8.15                                   | 9.32                       |
| SOUTH CAROLINA | 3,377                 | 8,365                             | 0.28                       | 0.31             | 6.77                                   | 10.27                      |
| SOUTH DAKOTA   | 708                   | 8,811                             | 0.17                       | 0.19             | 5.80                                   | 8.49                       |
| TENNESSEE      | 4,803                 | 8,228                             | 0.23                       | 0.26             | 9.56                                   | 14.16                      |
| TEXAS          | 16,685                | 8,891                             | 0.19                       | 0.21             | 9.26                                   | 14.03                      |
| UTAH           | 1,665                 | 7,267                             | 0.17                       | 0.19             | 8.28                                   | 12.65                      |
| VERMONT        | 541                   | 8,832                             | 0.17                       | 0.20             | 1/ 0.00                                | 1/ 0.00                    |
| VIRGINIA       | 5,787                 | 8,938                             | 0.17                       | 0.19             | 9.21                                   | 13.99                      |
| WASHINGTON     | 4,462                 | 8,067                             | 0.15                       | 0.16             | 10.33                                  | 14.95                      |
| WEST VIRGINIA  | 1,918                 | 6,872                             | 0.20                       | 0.23             | 9.15                                   | 14.02                      |
| WISCONSIN      | 4,785                 | 8,031                             | 0.14                       | 0.16             | 8.68                                   | 12.65                      |
| WYOMING        | 507                   | 10,598                            | 0.29                       | 0.33             | 6.44                                   | 9.95                       |
| U. S. TOTAL    | 241,076               | 7,625                             | 0.17                       | 0.19             | 2/ 9.35                                | 3/ 14.14                   |

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.  
2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.  
3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.

**TABLE 9. FATAL AND INJURY ACCIDENT DATA  
RELATED TO LICENSED DRIVERS - 1986**

| STATE          | LICENSED DRIVERS      |                                   | RATES PER THOUSAND DRIVERS |                  |  |                            |
|----------------|-----------------------|-----------------------------------|----------------------------|------------------|--|----------------------------|
|                | NUMBER<br>(THOUSANDS) | VEHICLE<br>MILES<br>PER<br>DRIVER | FATAL<br>ACCIDENT<br>RATE  | FATALITY<br>RATE | NONFATAL<br>INJURY<br>ACCIDENT<br>RATE | NONFATAL<br>INJURY<br>RATE |
| ALABAMA        | 2,545                 | 13,361                            | 0.38                       | 0.42             | 11.47                                  | 16.71                      |
| ALASKA         | 310                   | 12,929                            | 0.29                       | 0.33             | 11.85                                  | 17.52                      |
| ARIZONA        | 2,163                 | 10,479                            | 0.41                       | 0.46             | 12.04                                  | 18.74                      |
| ARKANSAS       | 1,646                 | 10,665                            | 0.32                       | 0.37             | 5.27                                   | 9.37                       |
| CALIFORNIA     | 18,017                | 11,928                            | 0.26                       | 0.29             | 12.93                                  | 19.28                      |
| COLORADO       | 2,292                 | 11,510                            | 0.22                       | 0.26             | 12.16                                  | 18.07                      |
| CONNECTICUT    | 2,335                 | 10,301                            | 0.18                       | 0.19             | 15.15                                  | 21.19                      |
| DELAWARE       | 455                   | 12,664                            | 0.26                       | 0.30             | 13.17                                  | 19.76                      |
| DIST. OF COL.  | 389                   | 8,450                             | 0.11                       | 0.11             | 1/ 0.00                                | 1/ 0.00                    |
| FLORIDA        | 8,335                 | 10,471                            | 0.30                       | 0.34             | 1/ 0.00                                | 1/ 0.00                    |
| GEORGIA        | 4,081                 | 13,926                            | 0.34                       | 0.37             | 12.97                                  | 19.76                      |
| HAWAII         | 612                   | 11,391                            | 0.18                       | 0.20             | 11.85                                  | 21.07                      |
| IDAHO          | 684                   | 11,376                            | 0.32                       | 0.38             | 10.51                                  | 16.04                      |
| ILLINOIS       | 7,093                 | 10,453                            | 0.20                       | 0.23             | 17.32                                  | 25.95                      |
| INDIANA        | 3,761                 | 10,843                            | 0.25                       | 0.28             | 1/ 0.00                                | 1/ 0.00                    |
| IOWA           | 1,884                 | 10,835                            | 0.21                       | 0.23             | 9.83                                   | 14.16                      |
| KANSAS         | 1,652                 | 11,998                            | 0.25                       | 0.30             | 12.70                                  | 19.46                      |
| KENTUCKY       | 2,298                 | 12,729                            | 0.31                       | 0.35             | 13.50                                  | 20.37                      |
| LOUISIANA      | 2,701                 | 11,056                            | 0.30                       | 0.35             | 14.65                                  | 24.20                      |
| MAINE          | 818                   | 12,252                            | 0.23                       | 0.26             | 14.39                                  | 20.93                      |
| MARYLAND       | 2,949                 | 11,939                            | 0.24                       | 0.27             | 17.25                                  | 28.13                      |
| MASSACHUSETTS  | 3,922                 | 10,389                            | 0.17                       | 0.19             | 1/ 0.00                                | 1/ 0.00                    |
| MICHIGAN       | 6,333                 | 11,366                            | 0.23                       | 0.25             | 16.78                                  | 24.85                      |
| MINNESOTA      | 2,456                 | 13,765                            | 0.21                       | 0.23             | 11.23                                  | 16.20                      |
| MISSISSIPPI    | 1,744                 | 11,024                            | 0.38                       | 0.44             | 7.55                                   | 14.19                      |
| MISSOURI       | 3,430                 | 12,120                            | 0.28                       | 0.33             | 1/ 0.00                                | 1/ 0.00                    |
| MONTANA        | 591                   | 13,091                            | 0.33                       | 0.38             | 8.66                                   | 13.26                      |
| NEBRASKA       | 1,098                 | 11,503                            | 0.24                       | 0.26             | 12.30                                  | 18.05                      |
| NEVADA         | 708                   | 11,280                            | 0.29                       | 0.33             | 13.91                                  | 21.28                      |
| NEW HAMPSHIRE  | 763                   | 10,371                            | 0.21                       | 0.23             | 9.57                                   | 13.05                      |
| NEW JERSEY     | 5,904                 | 9,375                             | 0.16                       | 0.18             | 16.05                                  | 24.90                      |
| NEW MEXICO     | 1,024                 | 12,862                            | 0.43                       | 0.49             | 15.59                                  | 23.77                      |
| NEW YORK       | 9,947                 | 9,522                             | 0.20                       | 0.21             | 19.47                                  | 28.34                      |
| NORTH CAROLINA | 4,244                 | 12,457                            | 0.35                       | 0.39             | 16.77                                  | 26.67                      |
| NORTH DAKOTA   | 438                   | 12,858                            | 0.20                       | 0.23             | 8.39                                   | 12.41                      |
| OHIO           | 7,387                 | 11,012                            | 0.20                       | 0.23             | 15.18                                  | 24.21                      |
| OKLAHOMA       | 2,138                 | 14,421                            | 0.28                       | 0.33             | 10.51                                  | 16.11                      |
| OREGON         | 1,944                 | 11,698                            | 0.28                       | 0.32             | 12.65                                  | 19.93                      |
| PENNSYLVANIA   | 7,691                 | 10,094                            | 0.22                       | 0.25             | 12.74                                  | 19.25                      |
| RHODE ISLAND   | 627                   | 8,659                             | 0.18                       | 0.20             | 12.67                                  | 14.50                      |
| SOUTH CAROLINA | 2,169                 | 13,024                            | 0.44                       | 0.49             | 10.53                                  | 15.99                      |
| SOUTH DAKOTA   | 485                   | 12,862                            | 0.24                       | 0.28             | 8.46                                   | 12.39                      |
| TENNESSEE      | 3,107                 | 12,720                            | 0.35                       | 0.40             | 14.79                                  | 21.89                      |
| TEXAS          | 11,129                | 13,330                            | 0.28                       | 0.32             | 13.88                                  | 21.04                      |
| UTAH           | 971                   | 12,461                            | 0.29                       | 0.32             | 14.21                                  | 21.69                      |
| VERMONT        | 397                   | 12,035                            | 0.23                       | 0.27             | 1/ 0.00                                | 1/ 0.00                    |
| VIRGINIA       | 3,938                 | 13,135                            | 0.25                       | 0.29             | 13.54                                  | 20.55                      |
| WASHINGTON     | 3,029                 | 11,883                            | 0.21                       | 0.23             | 15.22                                  | 22.02                      |
| WEST VIRGINIA  | 1,298                 | 10,155                            | 0.30                       | 0.34             | 13.53                                  | 20.72                      |
| WISCONSIN      | 3,229                 | 11,901                            | 0.20                       | 0.23             | 12.87                                  | 18.75                      |
| WYOMING        | 326                   | 16,482                            | 0.45                       | 0.52             | 10.02                                  | 15.47                      |
| U.S. TOTAL     | 159,486               | 11,526                            | 0.26                       | 0.29             | 2/ 14.13                               | 3/ 21.38                   |

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.  
2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.  
3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.

**TABLE 10. FATAL AND INJURY ACCIDENT DATA  
RELATED TO VEHICLE REGISTRATIONS - 1986**

| STATE          | REGISTERED VEHICLES   |                                    | RATES PER THOUSAND VEHICLES |                  |  |                            |
|----------------|-----------------------|------------------------------------|-----------------------------|------------------|--|----------------------------|
|                | NUMBER<br>(THOUSANDS) | VEHICLE<br>MILES<br>PER<br>VEHICLE | FATAL<br>ACCIDENT<br>RATE   | FATALITY<br>RATE | NONFATAL<br>INJURY<br>ACCIDENT<br>RATE | NONFATAL<br>INJURY<br>RATE |
| ALABAMA        | 3,457                 | 9,836                              | 0.28                        | 0.31             | 8.44                                   | 12.30                      |
| ALASKA         | 363                   | 11,041                             | 0.25                        | 0.28             | 10.12                                  | 14.96                      |
| ARIZONA        | 2,346                 | 9,661                              | 0.38                        | 0.43             | 11.10                                  | 17.28                      |
| ARKANSAS       | 1,426                 | 12,311                             | 0.37                        | 0.42             | 6.09                                   | 10.81                      |
| CALIFORNIA     | 19,760                | 10,876                             | 0.24                        | 0.27             | 11.79                                  | 17.58                      |
| COLORADO       | 2,763                 | 9,548                              | 0.18                        | 0.22             | 10.08                                  | 14.99                      |
| CONNECTICUT    | 2,562                 | 9,388                              | 0.17                        | 0.18             | 13.80                                  | 19.31                      |
| DELAWARE       | 480                   | 12,004                             | 0.25                        | 0.28             | 12.49                                  | 18.73                      |
| DIST. OF COL.  | 289                   | 11,374                             | 0.15                        | 0.15             | 1/ 0.00                                | 1/ 0.00                    |
| FLORIDA        | 10,362                | 8,422                              | 0.25                        | 0.27             | 1/ 0.00                                | 1/ 0.00                    |
| GEORGIA        | 4,841                 | 11,740                             | 0.28                        | 0.32             | 10.93                                  | 16.66                      |
| HAWAII         | 689                   | 10,118                             | 0.16                        | 0.17             | 10.53                                  | 18.71                      |
| IDAHO          | 857                   | 9,079                              | 0.26                        | 0.30             | 8.39                                   | 12.80                      |
| ILLINOIS       | 7,420                 | 9,992                              | 0.20                        | 0.22             | 16.56                                  | 24.81                      |
| INDIANA        | 4,174                 | 9,770                              | 0.22                        | 0.25             | 1/ 0.00                                | 1/ 0.00                    |
| IOWA           | 2,638                 | 7,738                              | 0.15                        | 0.17             | 7.02                                   | 10.11                      |
| KANSAS         | 2,176                 | 9,109                              | 0.19                        | 0.23             | 9.64                                   | 14.77                      |
| KENTUCKY       | 2,688                 | 10,895                             | 0.27                        | 0.30             | 11.55                                  | 17.44                      |
| LOUISIANA      | 2,890                 | 10,333                             | 0.28                        | 0.32             | 13.69                                  | 22.62                      |
| MAINE          | 872                   | 11,493                             | 0.22                        | 0.24             | 13.50                                  | 19.64                      |
| MARYLAND       | 3,361                 | 10,475                             | 0.21                        | 0.23             | 15.14                                  | 24.68                      |
| MASSACHUSETTS  | 3,841                 | 10,608                             | 0.18                        | 0.20             | 1/ 0.00                                | 1/ 0.00                    |
| MICHIGAN       | 6,832                 | 10,536                             | 0.21                        | 0.23             | 15.55                                  | 23.04                      |
| MINNESOTA      | 3,087                 | 10,951                             | 0.16                        | 0.18             | 8.93                                   | 12.89                      |
| MISSISSIPPI    | 1,770                 | 10,862                             | 0.38                        | 0.44             | 7.44                                   | 13.98                      |
| MISSOURI       | 3,683                 | 11,287                             | 0.26                        | 0.31             | 1/ 0.00                                | 1/ 0.00                    |
| MONTANA        | 673                   | 11,496                             | 0.29                        | 0.33             | 7.60                                   | 11.64                      |
| NEBRASKA       | 1,281                 | 9,859                              | 0.20                        | 0.23             | 10.54                                  | 15.47                      |
| NEVADA         | 769                   | 10,385                             | 0.26                        | 0.30             | 12.81                                  | 19.59                      |
| NEW HAMPSHIRE  | 1,071                 | 7,388                              | 0.15                        | 0.16             | 6.82                                   | 9.30                       |
| NEW JERSEY     | 5,267                 | 10,509                             | 0.18                        | 0.20             | 17.99                                  | 27.91                      |
| NEW MEXICO     | 1,320                 | 9,978                              | 0.33                        | 0.38             | 12.09                                  | 18.44                      |
| NEW YORK       | 9,515                 | 9,954                              | 0.20                        | 0.22             | 20.36                                  | 29.63                      |
| NORTH CAROLINA | 4,739                 | 11,156                             | 0.31                        | 0.35             | 15.01                                  | 23.88                      |
| NORTH DAKOTA   | 648                   | 8,691                              | 0.14                        | 0.15             | 5.67                                   | 8.39                       |
| OHIO           | 8,159                 | 9,970                              | 0.18                        | 0.21             | 13.75                                  | 21.92                      |
| OKLAHOMA       | 2,902                 | 10,625                             | 0.21                        | 0.24             | 7.74                                   | 11.87                      |
| OREGON         | 2,264                 | 10,045                             | 0.24                        | 0.27             | 10.86                                  | 17.11                      |
| PENNSYLVANIA   | 7,477                 | 10,383                             | 0.23                        | 0.25             | 13.11                                  | 19.80                      |
| RHODE ISLAND   | 632                   | 8,590                              | 0.18                        | 0.20             | 12.57                                  | 14.38                      |
| SOUTH CAROLINA | 2,304                 | 12,261                             | 0.41                        | 0.46             | 9.92                                   | 15.06                      |
| SOUTH DAKOTA   | 664                   | 9,395                              | 0.18                        | 0.20             | 6.18                                   | 9.05                       |
| TENNESSEE      | 3,932                 | 10,051                             | 0.28                        | 0.31             | 11.68                                  | 17.30                      |
| TEXAS          | 12,407                | 11,957                             | 0.25                        | 0.29             | 12.45                                  | 18.87                      |
| UTAH           | 1,111                 | 10,891                             | 0.25                        | 0.28             | 12.42                                  | 18.95                      |
| VERMONT        | 418                   | 11,431                             | 0.22                        | 0.26             | 1/ 0.00                                | 1/ 0.00                    |
| VIRGINIA       | 4,532                 | 11,414                             | 0.22                        | 0.25             | 11.76                                  | 17.86                      |
| WASHINGTON     | 3,752                 | 9,593                              | 0.17                        | 0.19             | 12.28                                  | 17.78                      |
| WEST VIRGINIA  | 1,170                 | 11,266                             | 0.33                        | 0.38             | 15.01                                  | 22.98                      |
| WISCONSIN      | 3,120                 | 12,317                             | 0.21                        | 0.24             | 13.32                                  | 19.40                      |
| WYOMING        | 440                   | 12,211                             | 0.33                        | 0.38             | 7.42                                   | 11.46                      |
| U.S. TOTAL     | 176,190               | 10,433                             | 0.23                        | 0.26             | 2/ 12.79                               | 3/ 19.35                   |

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.  
2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.  
3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATALLY INJURED PERSONS FROM TABLE 2.

SECTION IV--PUERTO RICO AND U.S. TERRITORIES

Travel and accident data reported by Puerto Rico for calendar year 1986 are tabulated below.

TABLE 11 -- FATAL AND INJURY ACCIDENTS IN PUERTO RICO: 1986

| HIGHWAY SYSTEM          | HIGHWAY MILES | VEHICLE MILES (millions) | INJURY ACCIDENTS |             |              |                | PERSONS INJURED |               |              |                  |
|-------------------------|---------------|--------------------------|------------------|-------------|--------------|----------------|-----------------|---------------|--------------|------------------|
|                         |               |                          | Number           | FATAL Rate* | Number       | NONFATAL Rate* | Number          | FATALLY Rate* | Number       | NONFATALLY Rate* |
| <b>FEDERAL-AID</b>      |               |                          |                  |             |              |                |                 |               |              |                  |
| Interstate (Rural)      | 83            | 702                      | 61               | 8.69        | 1467         | 208.97         | 67              | 9.54          | 2624         | 373.79           |
| Interstate (Urban)      | 115           | 2099                     | 25               | 1.19        | 1463         | 69.70          | 25              | 1.19          | 2597         | 123.73           |
| Other Primary (Rural)   | 302           | 816                      | 116              | 14.22       | 3945         | 483.46         | 134             | 16.42         | 6939         | 850.37           |
| Other Primary (Urban)   | 206           | 1564                     | 71               | 4.54        | 4049         | 258.89         | 80              | 5.12          | 6626         | 423.66           |
| Urban Arterial (Urban)  | 422           | 2127                     | 73               | 3.43        | 5564         | 261.59         | 77              | 3.62          | 8055         | 378.70           |
| Urban Collector (Urban) | 171           | 488                      | 8                | 1.64        | 1072         | 219.67         | 8               | 1.64          | 1544         | 316.39           |
| Secondary (Rural)       | 852           | 796                      | 53               | 6.66        | 3118         | 391.71         | 60              | 7.54          | 4842         | 608.29           |
| All Federal-Aid         | 2151          | 8592                     | 407              | 4.74        | 20678        | 240.67         | 451             | 5.25          | 33227        | 386.72           |
| <b>NON-FEDERAL-AID</b>  |               |                          |                  |             |              |                |                 |               |              |                  |
| Arterial (Rural)        | 0             | 0                        | 0                | 0           | 0            | 0              | 0               | 0             | 0            | 0                |
| Arterial (Urban)        | 54            | 156                      | 9                | 5.77        | 844          | 541.03         | 9               | 5.77          | 1205         | 772.44           |
| Collector (Rural)       | 688           | 515                      | 38               | 7.38        | 1860         | 361.17         | 40              | 7.77          | 2925         | 567.96           |
| Collector (Urban)       | 292           | 572                      | 10               | 1.75        | 1486         | 259.79         | 11              | 1.92          | 2003         | 350.17           |
| Local (Rural)           | 3690          | 482                      | 79               | 16.39       | 5195         | 1077.80        | 82              | 17.01         | 7095         | 1471.99          |
| Local (Urban)           | 2943          | 648                      | 23               | 3.55        | 4367         | 673.92         | 27              | 4.17          | 5687         | 877.62           |
| All Non-Federal-Aid     | 7667          | 2373                     | 159              | 6.70        | 13752        | 579.52         | 169             | 7.12          | 18915        | 797.09           |
| All Rural Highways      | 5615          | 3311                     | 347              | 10.48       | 15585        | 470.70         | 383             | 11.57         | 24425        | 737.69           |
| All Urban Highways      | 4203          | 7654                     | 219              | 2.86        | 18845        | 246.21         | 237             | 3.10          | 27717        | 362.12           |
| <b>TOTAL</b>            | <b>9818</b>   | <b>10965</b>             | <b>566</b>       | <b>5.16</b> | <b>34430</b> | <b>314.00</b>  | <b>620</b>      | <b>5.65</b>   | <b>52142</b> | <b>475.53</b>    |

\* Per 100 million vehicle-miles

## SECTION V--RELATIONSHIP OF FATALITY RATES TO TRAVEL DENSITY

The vehicle mile fatality rate is the measure most commonly used for comparing the safety of different highway systems or the safety of highways in different States. A State often judges its own performance by comparing its fatality rates with the national fatality rate. The primary reason for differences in fatality rates appears to be variation in travel density over which the States have little control. Because the travel density varies widely among the States, it should not be expected that all States will have similar fatality rates. While there are many reasons other than variation in travel density for differences among the fatality rates of the States, it is difficult to quantify these reasons well enough to develop reliable definitions of relationships between fatality rates and specific features.

The general characteristics of the relationship between fatality rates and travel density were described in Section I. Curves illustrating provisional rate-density relationships have been derived from reported data for the 4-year period from 1982 through 1985. The relationships must be regarded as provisional because they are based on data which are incomplete and known to contain errors. Despite their flaws, the curves provide a more suitable base than the national fatality rate for evaluating State rates. A curve describing the provisional rate-density relationship for all highways in the States is shown in Figure 7-A1.

In comparing State fatality rates a second consideration should be taken into account. Even if the risk (probability) of traffic fatalities were dependent only on travel density, rates would vary at random from those on the rate-density curve. Accidents and related rates are "random" in a statistical sense. Any attempt to drive a vehicle a given distance may or may not result in an accident. There is, nonetheless, a degree of statistical regularity which permits reasonably reliable estimation of the number of accidents expected from a large number of attempts. To speak of accidents as random events is not to say that accidents are unrelated to driving hazards or driver skill. The random variation of fatality rates is larger when the volume of traffic is small. For example, a random variation of 10 percent would be much more likely to occur in the Delaware fatality rate than in fatality rates for California or New York.

The random variation of fatality rates is somewhat analogous to the random variation observed when flipping a coin repeatedly. If the probability of "heads" is 1 in 2, the ratio of the number of heads to the number of flips approaches 1/2 as the number of flips increases. Similarly, if the probability that a fatality will result from an attempt to drive one vehicle mile is 3 in 100 million, the ratio of fatalities to vehicle miles will approach 3/(100 million) as the number of vehicle miles increases. While the number of vehicle miles or flips of a coin is increasing, ratios vary at random. The amount of variation can be computed by applying the binomial probability law for the appropriate number of vehicle miles or flips. Approximations of the binomial law are commonly used to simplify computation.





The application of the binomial probability law to accident rates yields results that approximate observed experience. This procedure is widely used by the States to identify hazardous sections of highway. It does not give precise results primarily because the probability of a fatality (or other event of interest) is not the same for every attempt that is made to drive a vehicle mile without an accident.

The rate-density curve in Figure 7-A1 is an exponential curve fitted to the data points by a weighted least squares procedure. Each data point is defined by a State fatality rate and travel density for the 4-year period. The point is weighted in proportion to the vehicle miles of travel in the State during those 4 years.

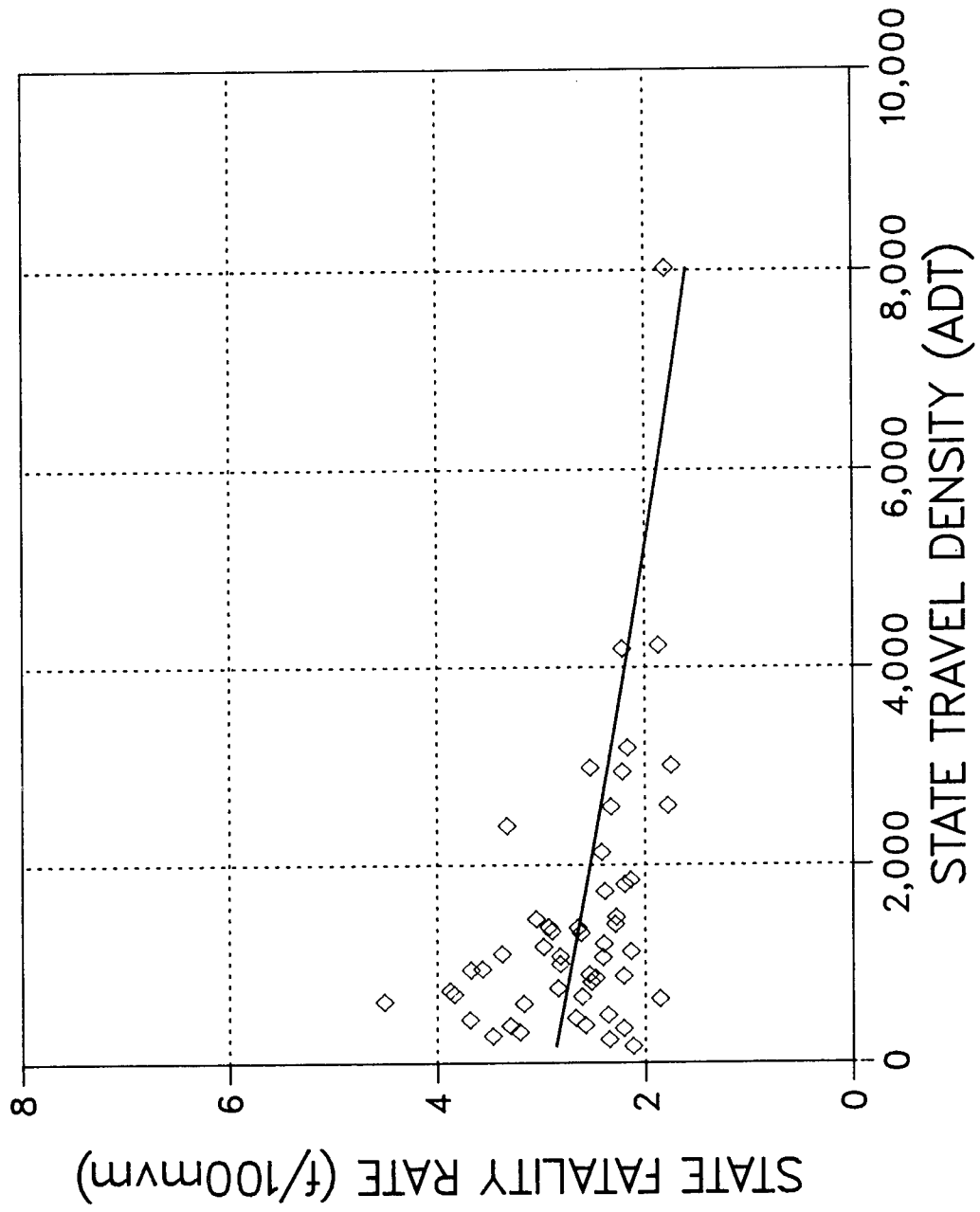
Because the volume of travel is different for each State, the magnitude of random variation is also different. To illustrate the effect of the differences, provisional ranges have been computed and are shown in Figure 7-A2. For each State, the observed 1986 fatality rate is shown along with a provisional range centered upon a value taken from the rate density curve in Figure 7-A1. If variations from rates on the rate-density curve in Figure 7-A1 followed a binomial distribution, the probability would be 99 out of 100 that each observed rate would fall within the provisional range shown in Figure 7-A2. Conversely, the chances would be only 1 in 100 that an observed rate would fall outside the provisional range if the risk were the same in 1986 as in the preceding 4 years and variation from the rate-density curve were random. If a rate falls above or below the range shown, it is likely that it is unusually high or low for some reason other than random variation. Figure 7-A2 shows that most State fatality rates varied significantly from the provisional rate-density curve. While the 1986 fatality rates were about the same for Vermont and Oklahoma, Oklahoma's rate was substantially lower than State rates observed for a similar travel density in the preceding 4-year period. Vermont's rate, on the other hand, is within the provisional range, where deviation from the rate-density curve is less significant. Analysis of the possible reasons for the low rate in Oklahoma and the rates outside provisional ranges in many other States is beyond the scope of this report. In Figure 7-A2, States are arranged in order of travel density to facilitate comparison of States with similar travel densities; the State with the most vehicle miles per mile of highway (i.e., the highest average daily traffic) is at the top.

In Figures 7-B1, 7-B2a, and 7-B2b, rural and urban fatality rates for each State are shown separately but in the same manner as the information in Figures 7-A1 and 7-A2.

Other provisional range relationships, as well as provisional rate changes and observed fatality rates for the highway systems in each State, are shown in Figures 7-C1a through 7-F2b. Provisional range relationships are shown for the Interstate urban and rural systems separately.

It can be seen in Figure 7 that, for every system, fatality rates observed in 1986 were rarely above the provisional range based on 1982 through 1985 experience.

Fig. 7-A1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)  
ALL HIGHWAYS



**Figure 7-A2 FATALITY RATE BY STATE-ALL HIGHWAYS (1990)**

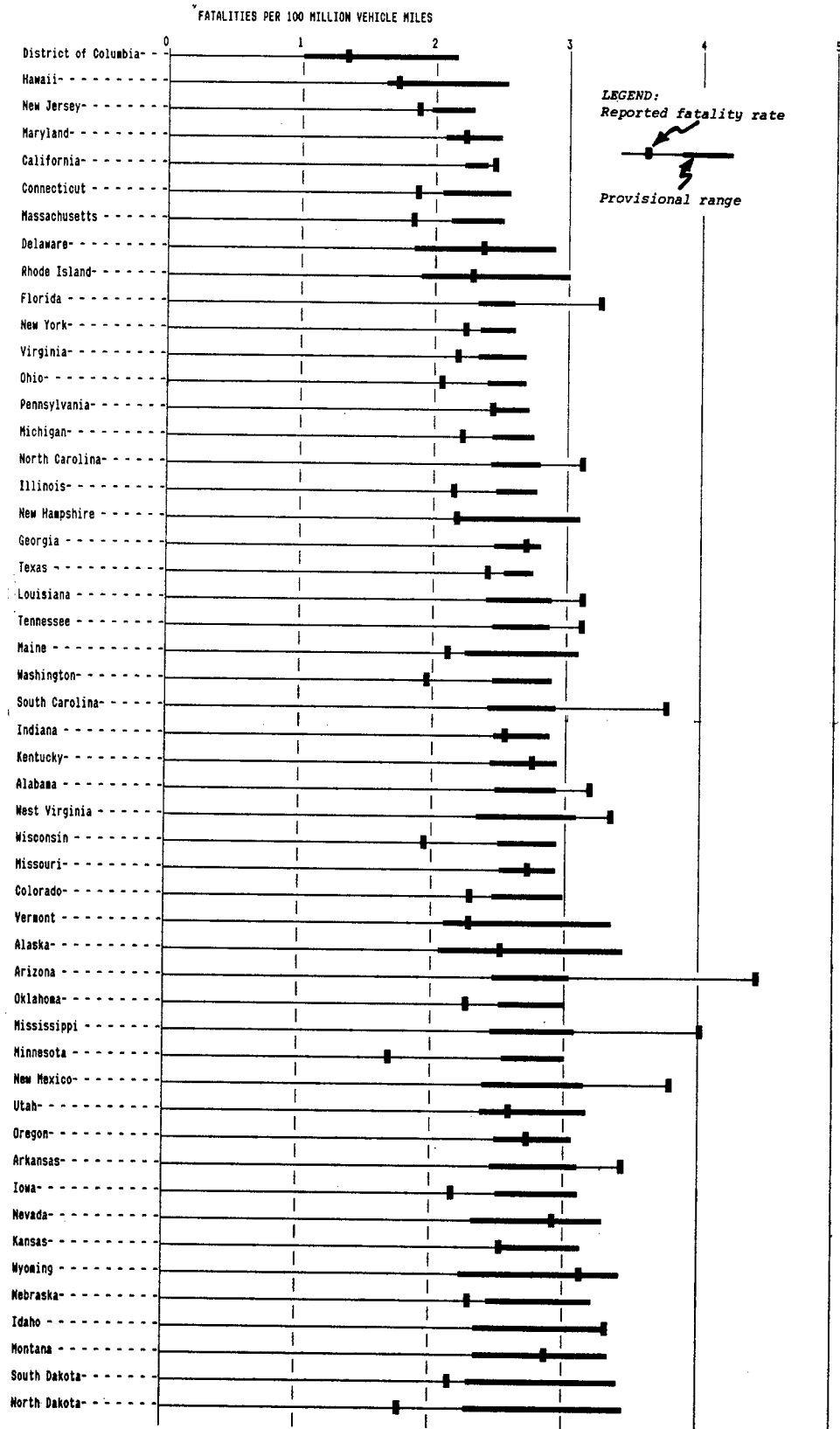
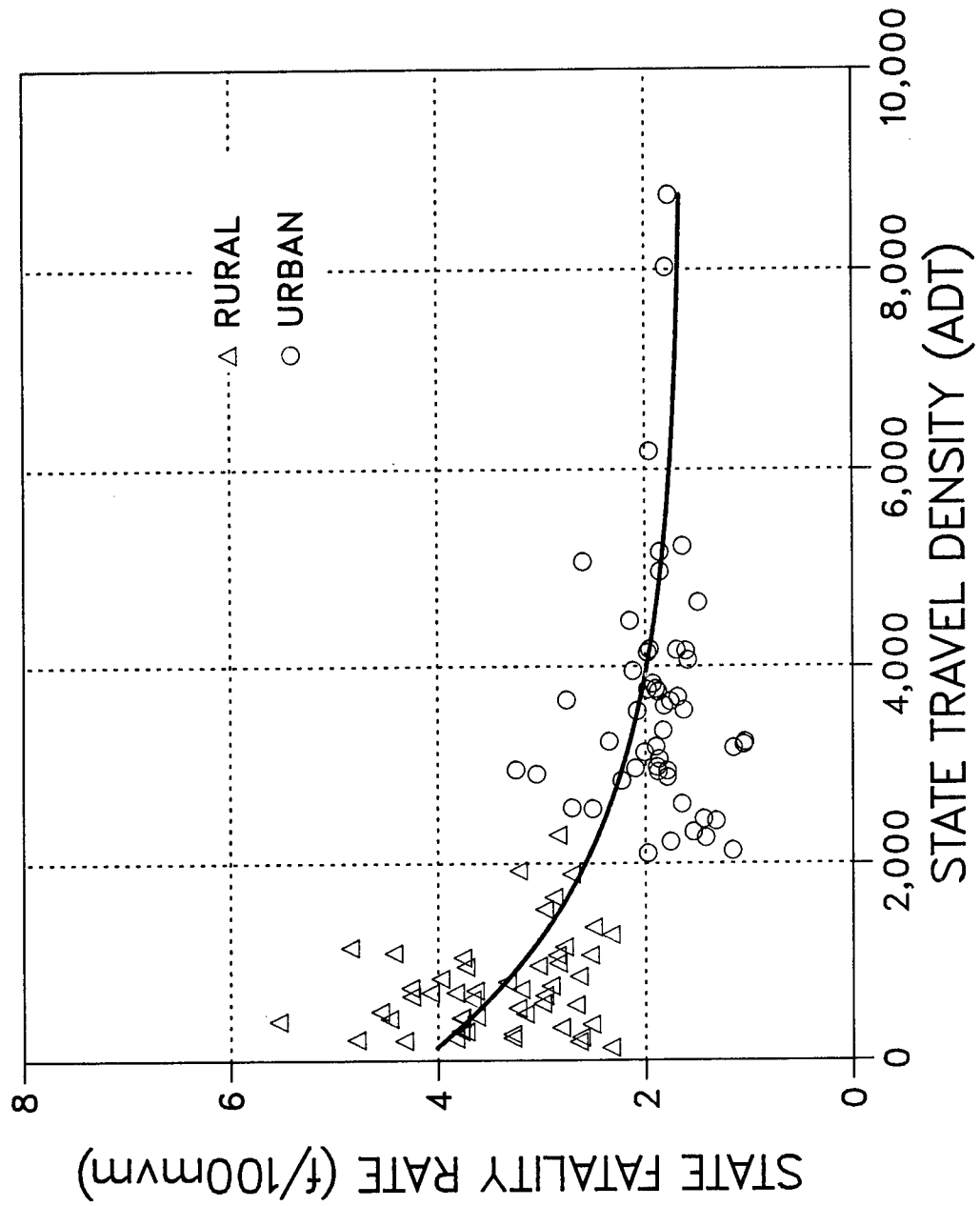
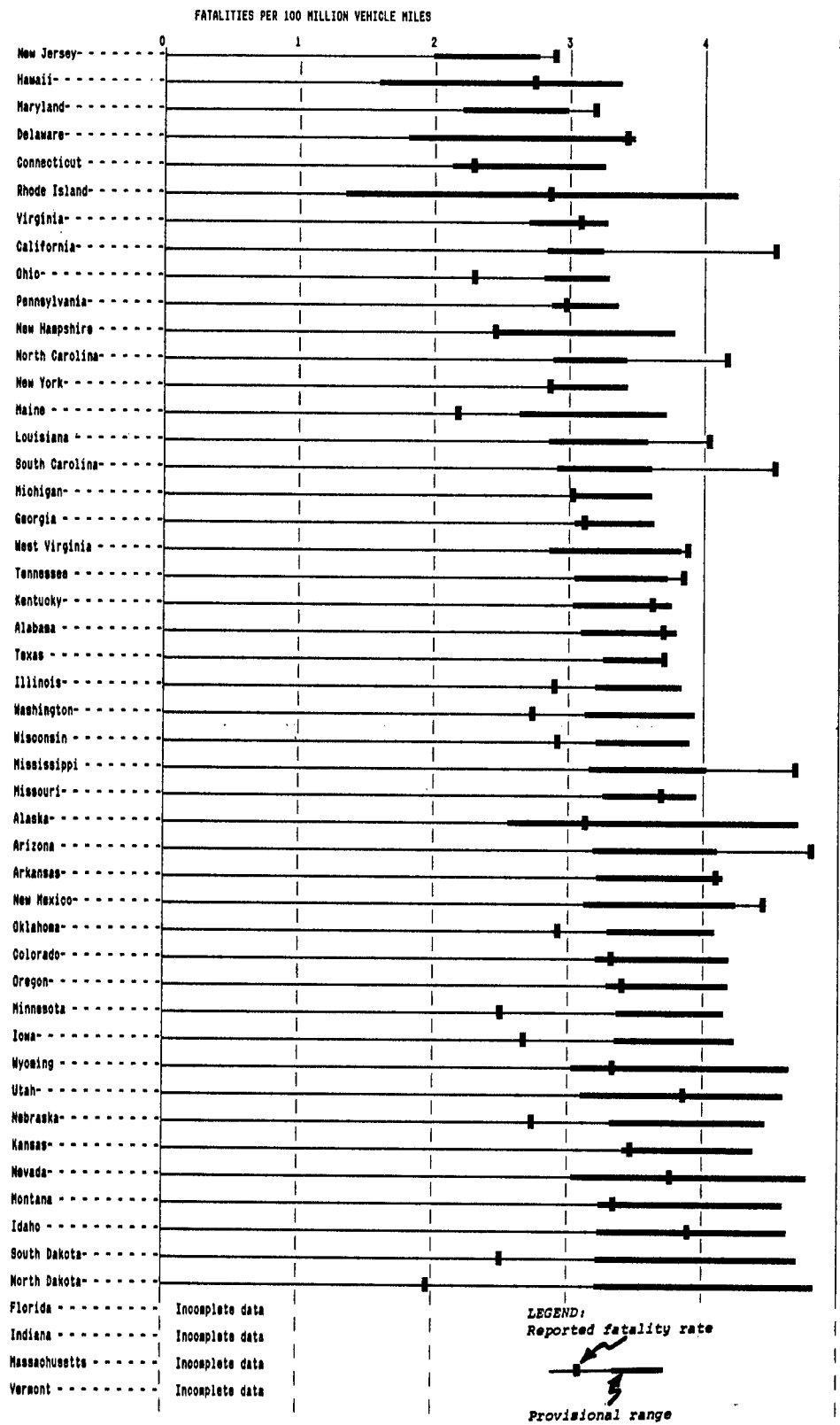


Fig. 7-B1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)  
RURAL AND URBAN HIGHWAYS



**Figure 7-B2a FATALITY RATE BY STATE--ALL RURAL HIGHWAYS (1988)**



**Figure 7-B2b FATALITY RATE BY STATE-ALL URBAN HIGHWAYS (1988)**

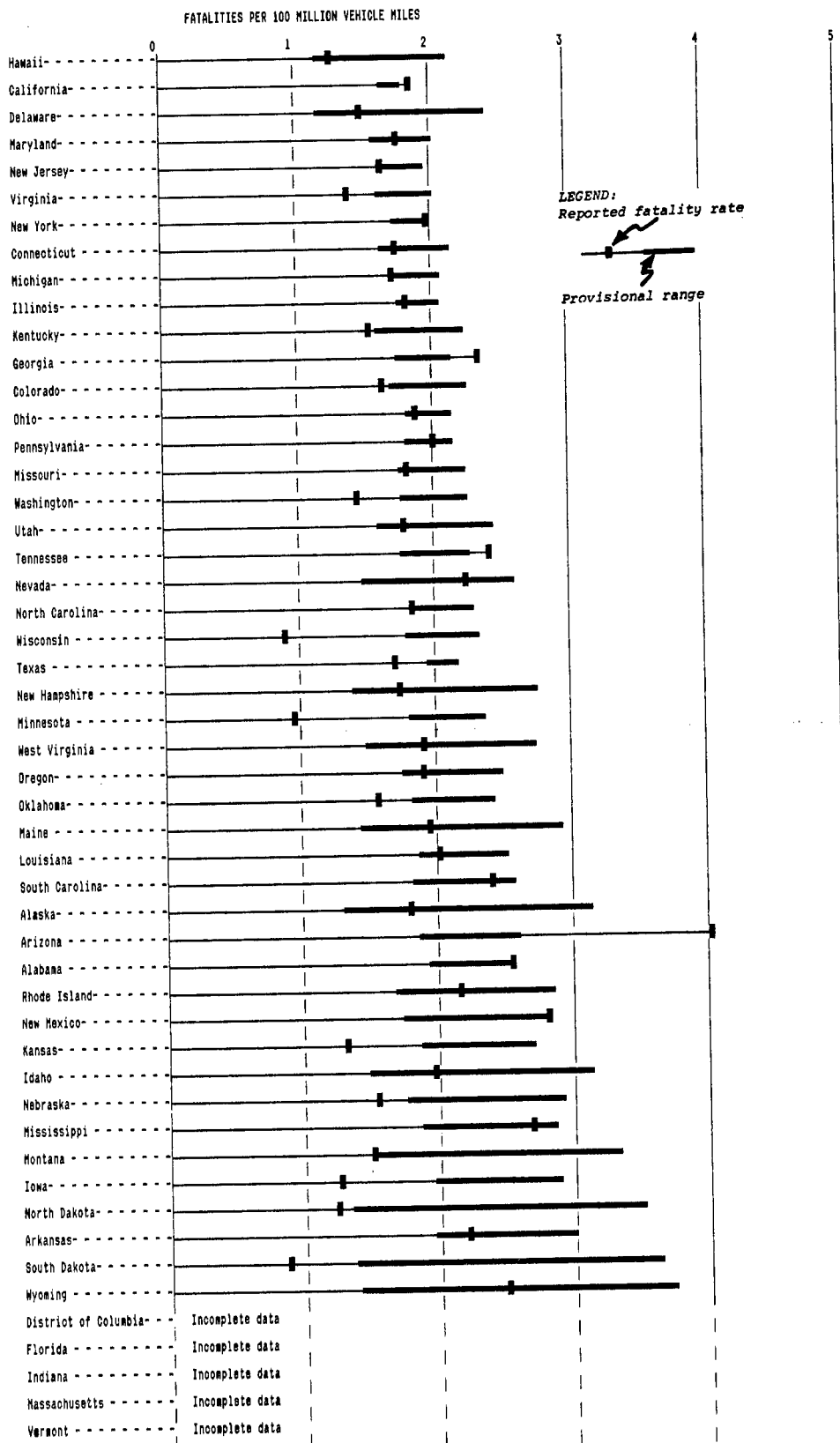


Fig. 7-C1a. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)  
INTERSTATE SYSTEM

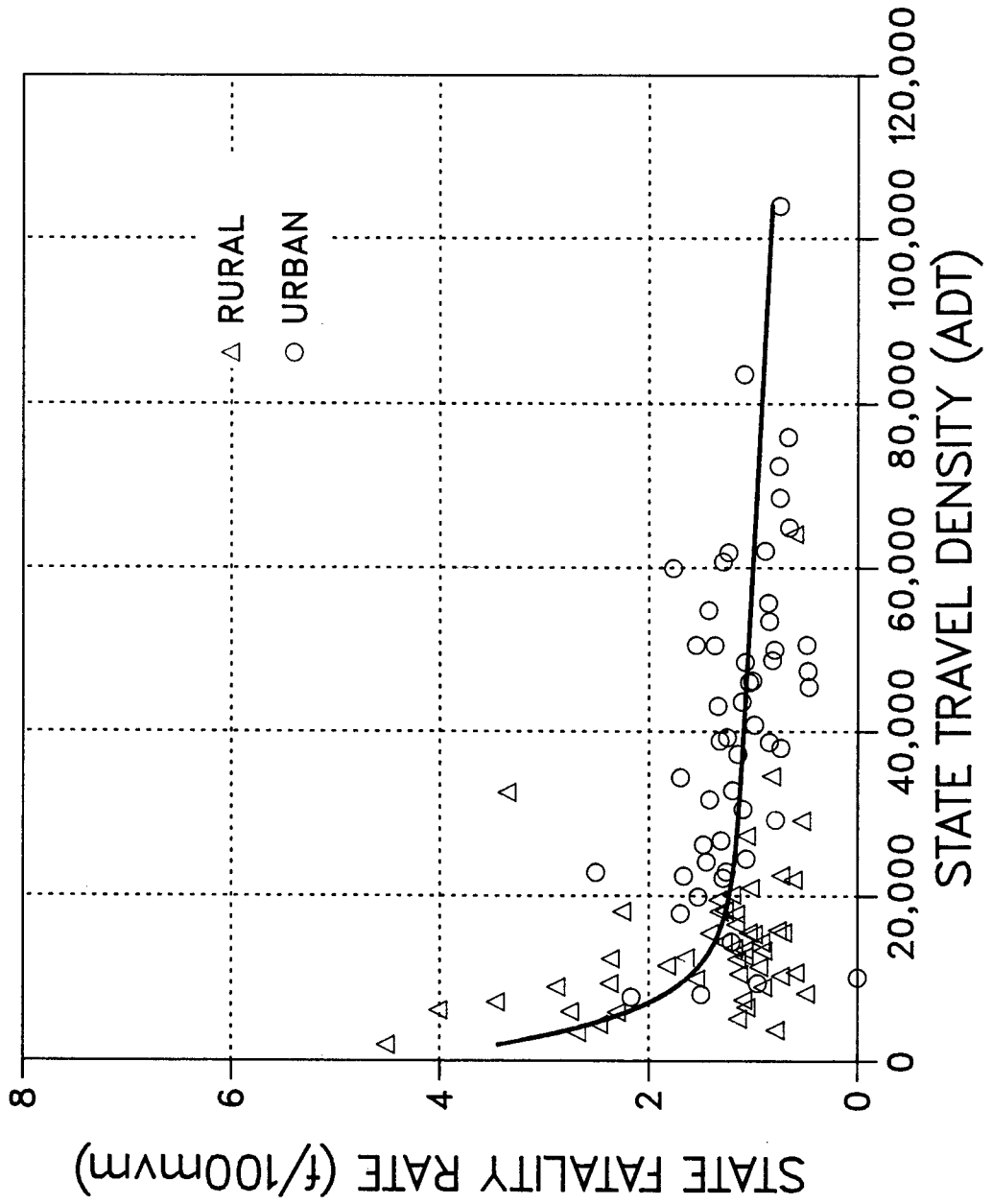




Fig. 7-C1b. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)  
RURAL INTERSTATE SYSTEM

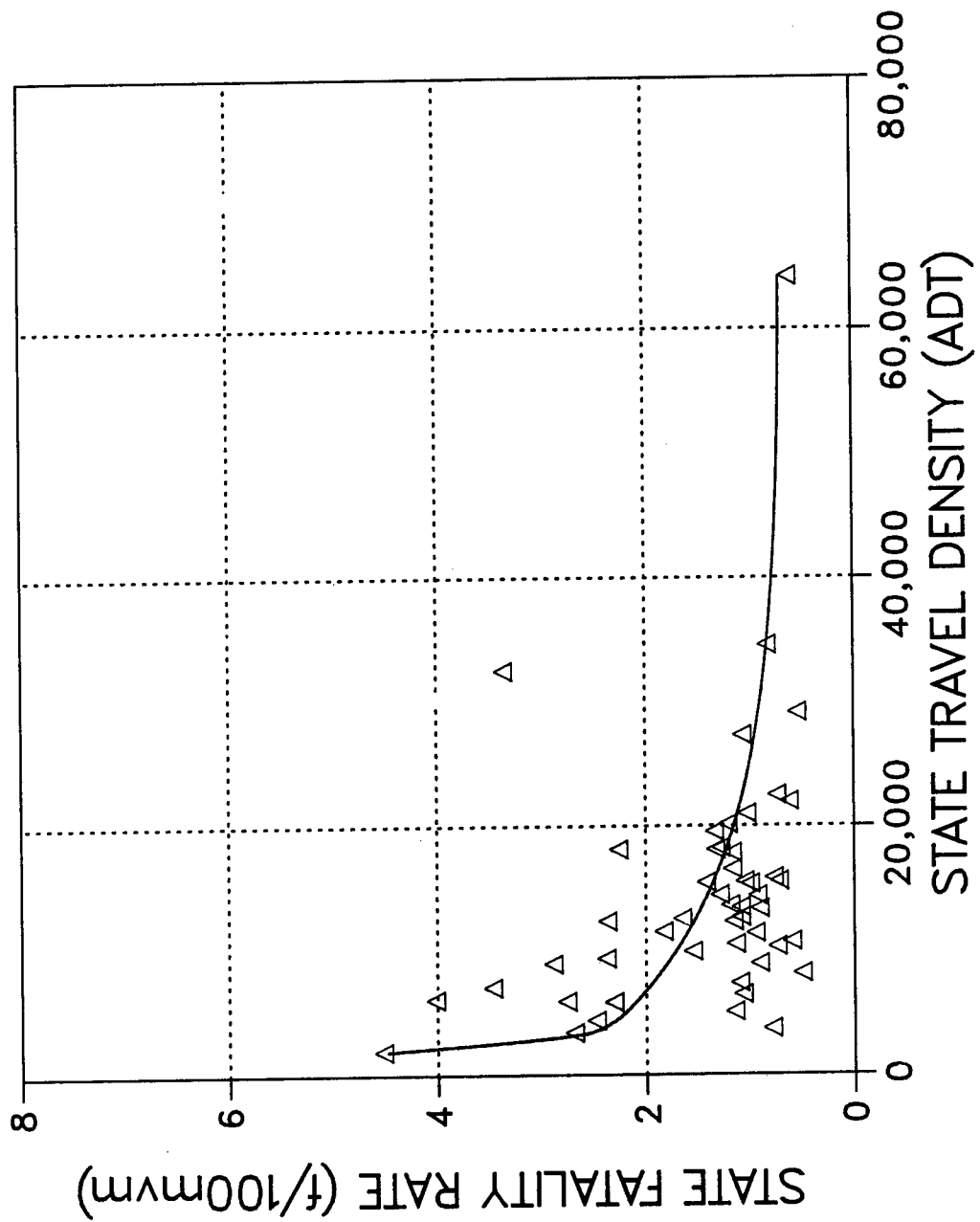
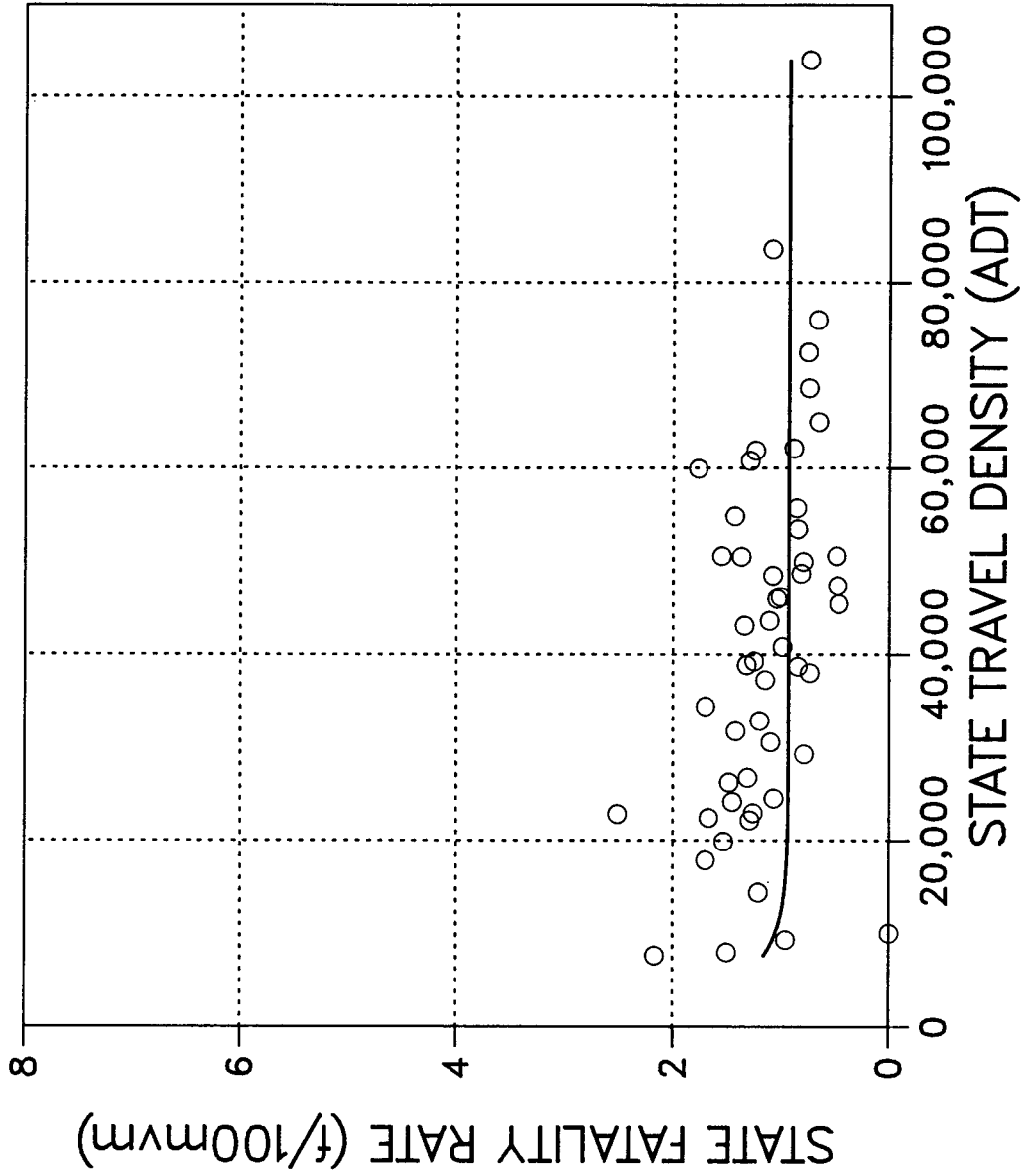
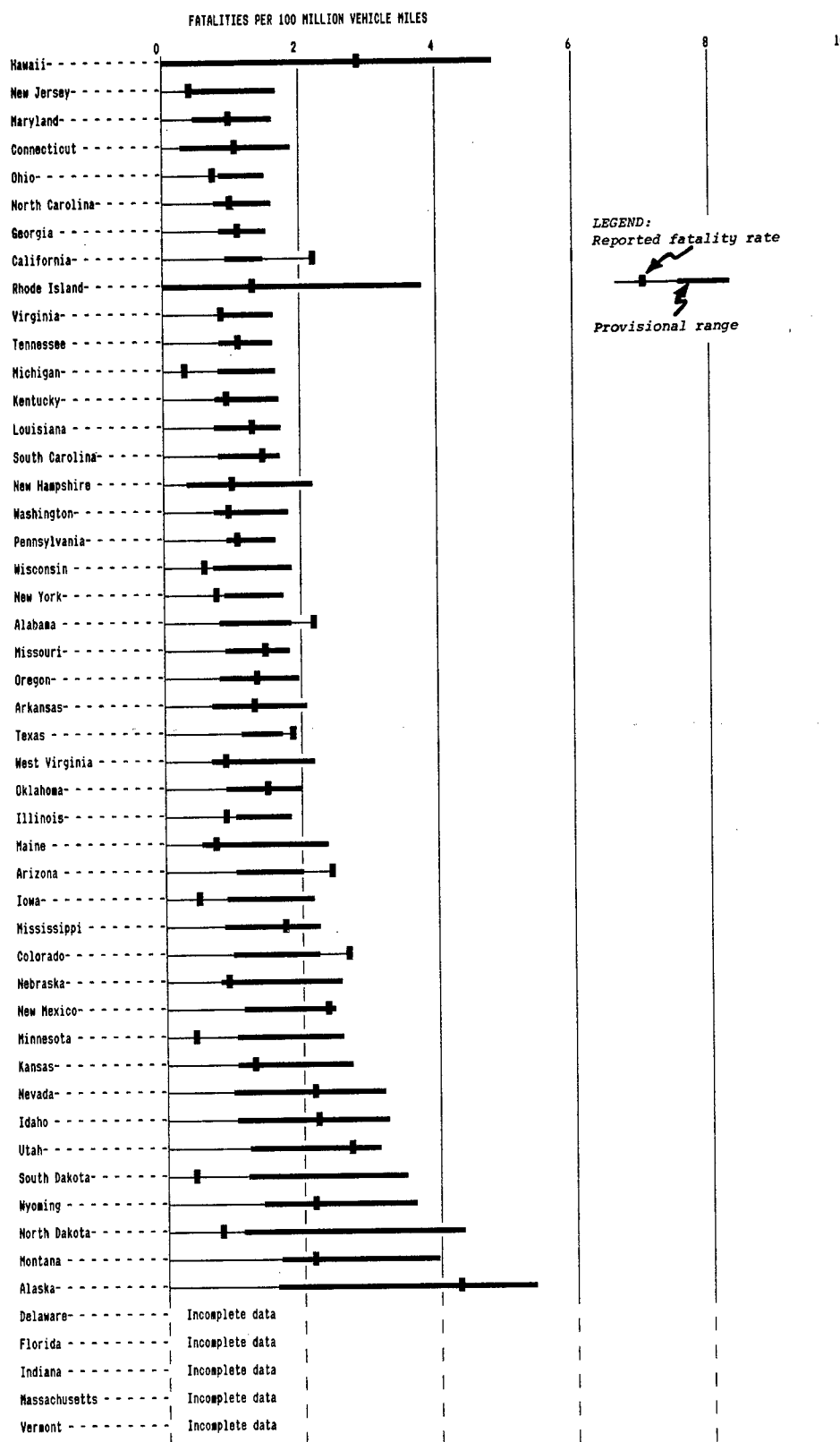


Fig. 7-C1c. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982--85)  
URBAN INTERSTATE SYSTEM



**Figure 7-C2a FATALITY RATE BY STATE—RURAL INTERSTATE HIGHWAYS 1988**



**Figure 7-C2b FATALITY RATE BY STATE—URBAN INTERSTATE HIGHWAYS 1968**

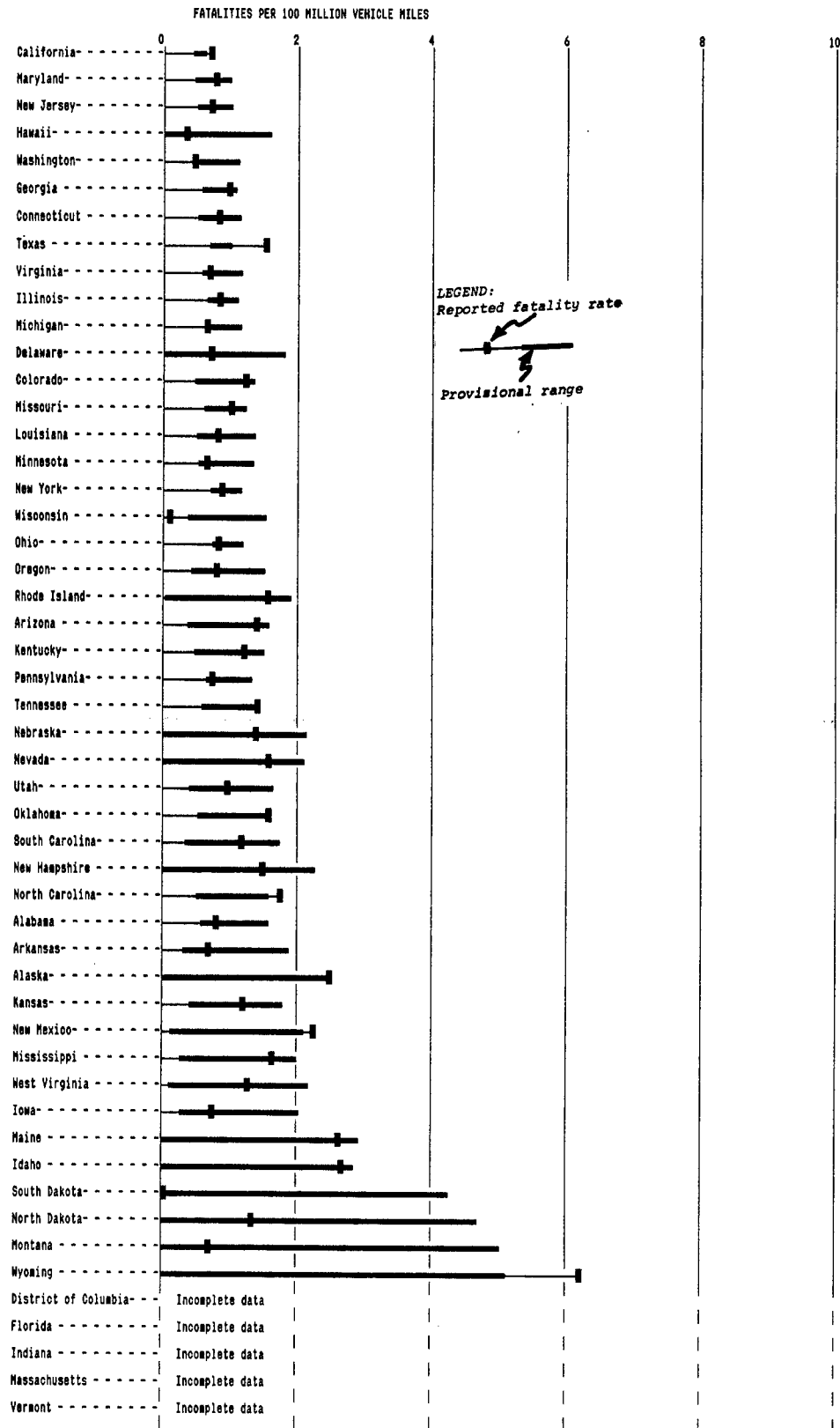
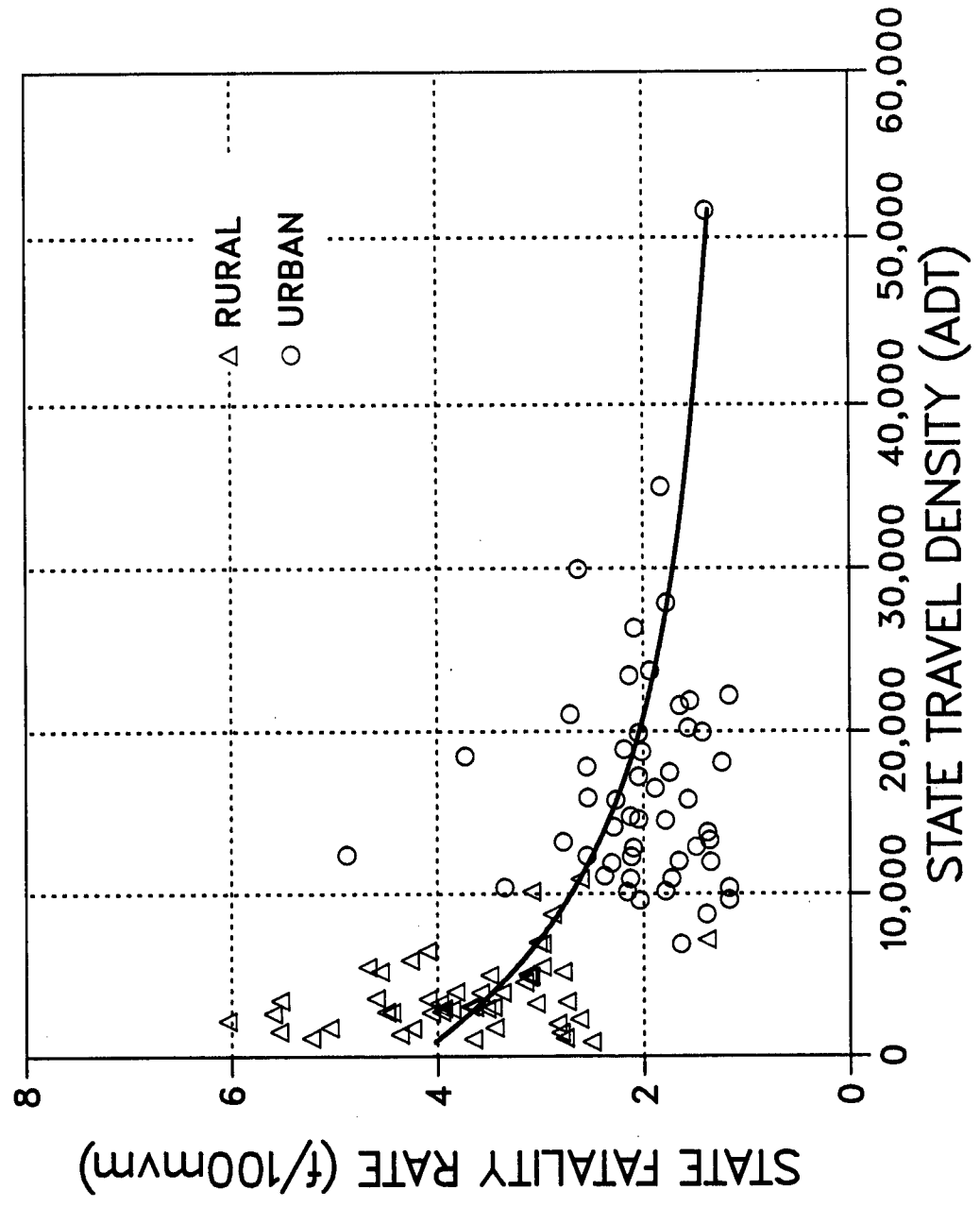
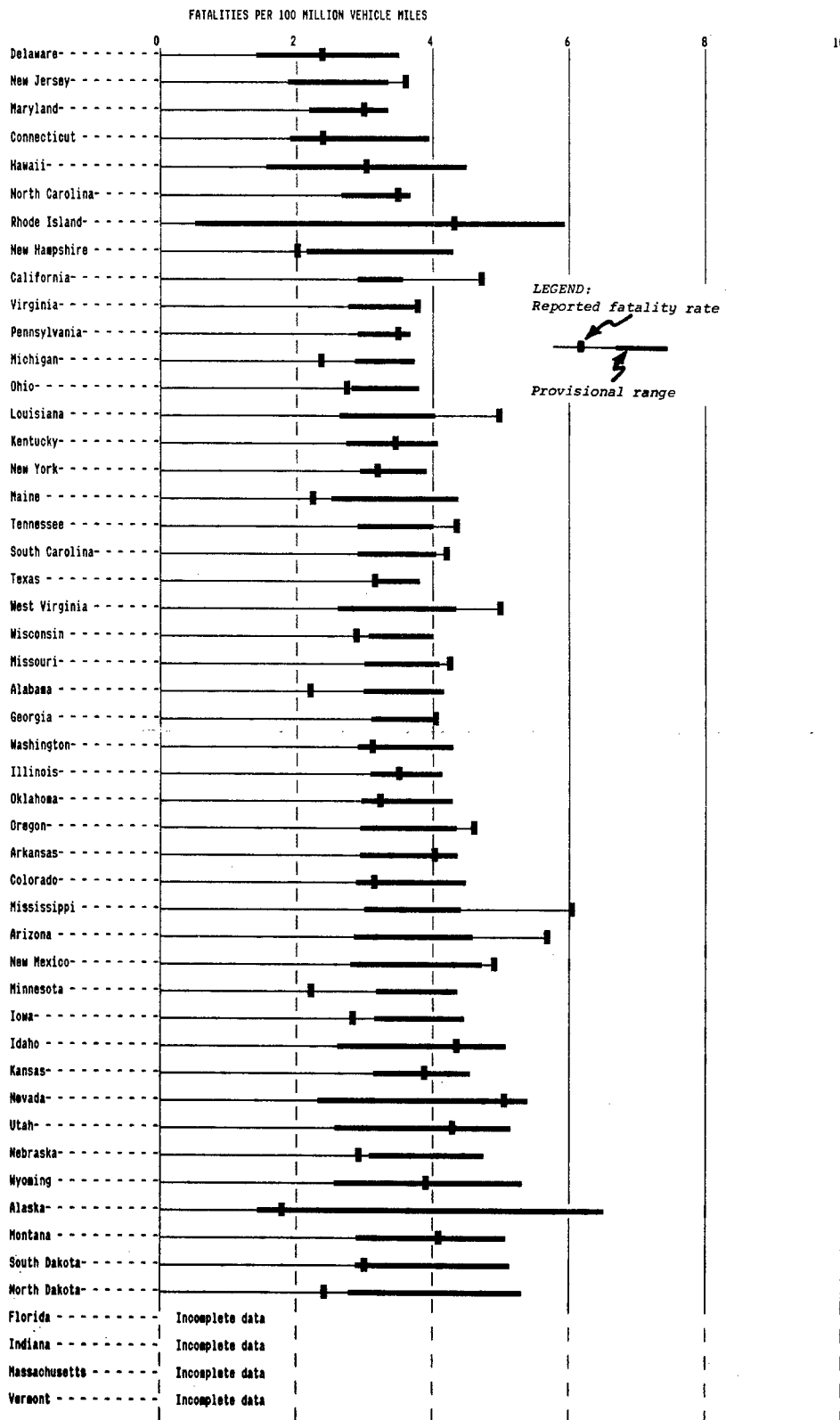


Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)  
 OTHER FEDERAL-AID PRIMARY HIGHWAYS



**Figure 7-D2a FATALITY RATES BY STATES—OTHER RURAL  
FEDERAL-AID PRIMARY HIGHWAYS, (1966)**



**Figure 7-D2b FATALITY RATES BY STATE-OTHER URBAN  
FEDERAL-AID PRIMARY HIGHWAYS (1990)**

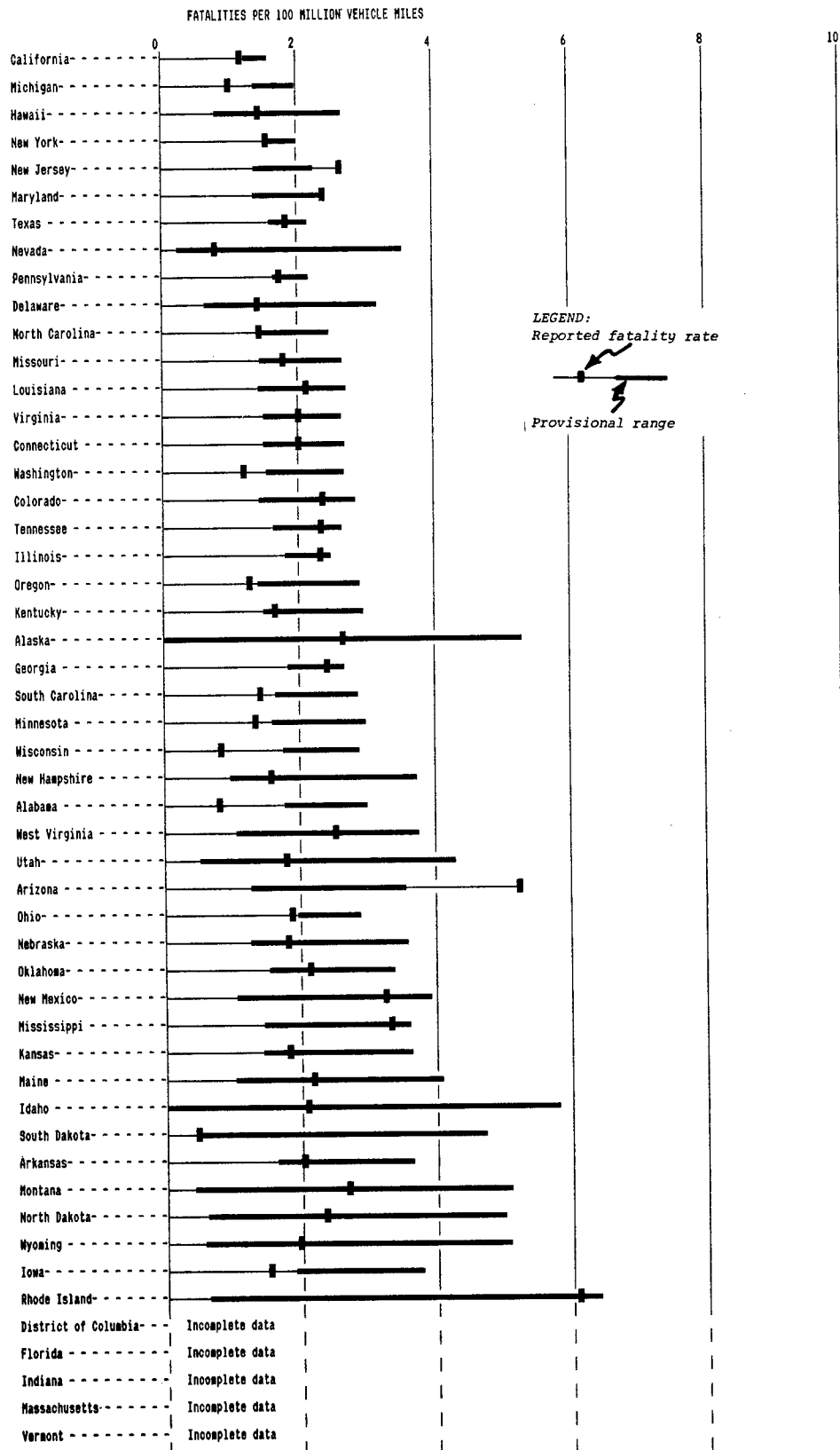
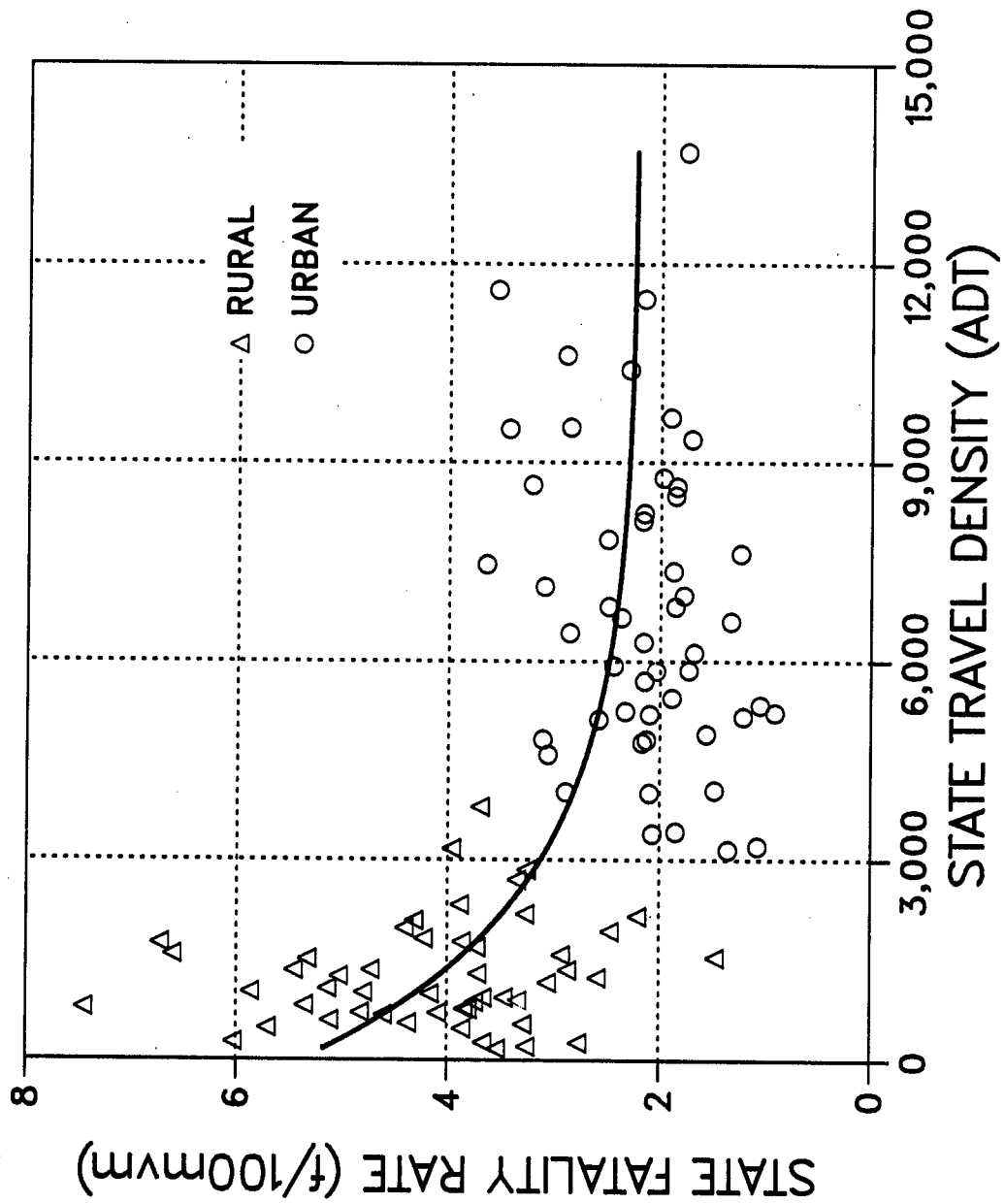
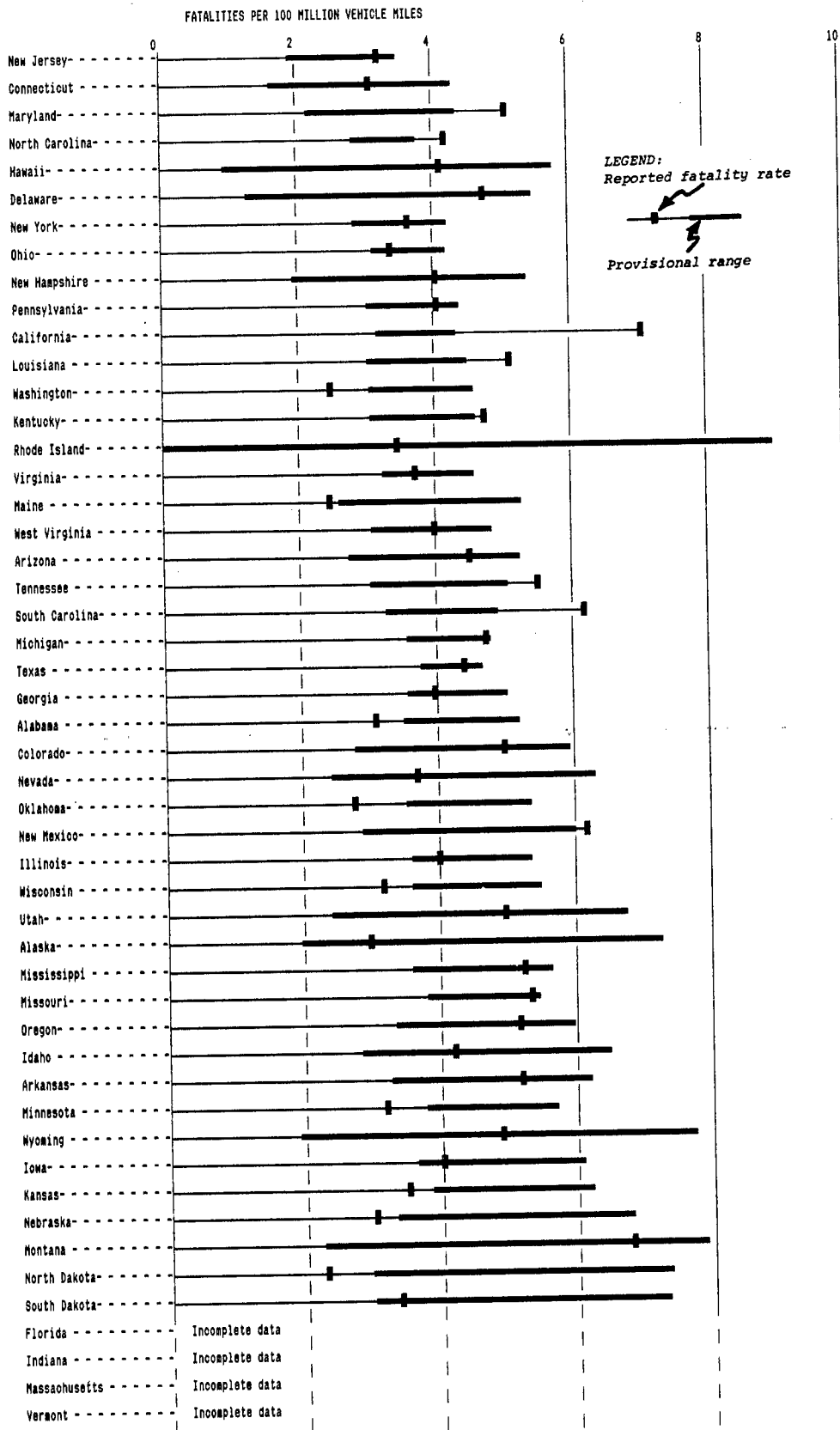


Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)  
FEDERAL-AID SECONDARY AND URBAN SYSTEMS





**Figure 7-E2a FATALITY RATE BY STATE-FEDERAL-AID SECONDARY HIGHWAYS (1966)**



**Figure 7-E2b FATALITY RATE BY STATE—FEDERAL-AID URBAN SYSTEM HIGHWAYS (1966)**

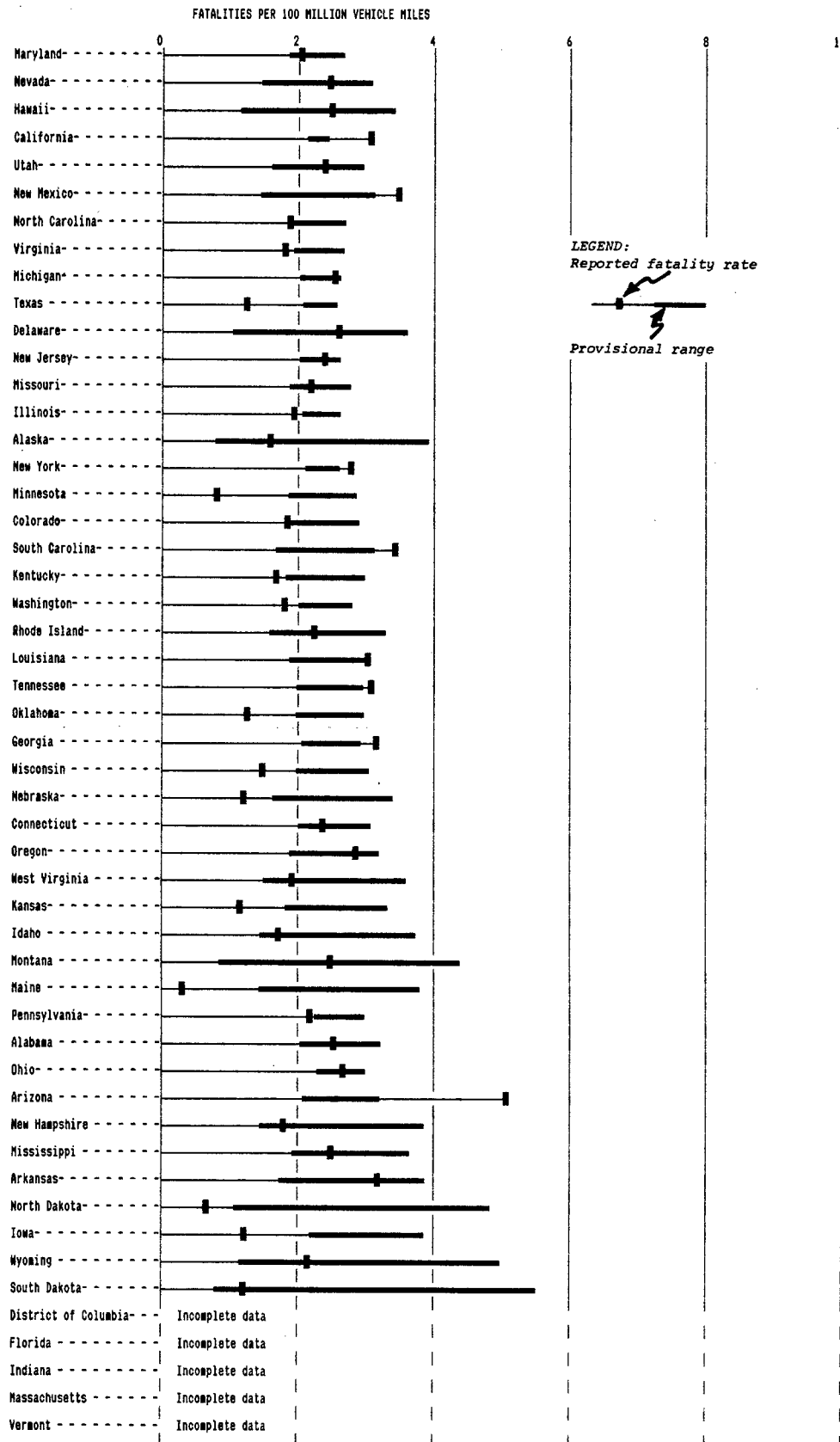
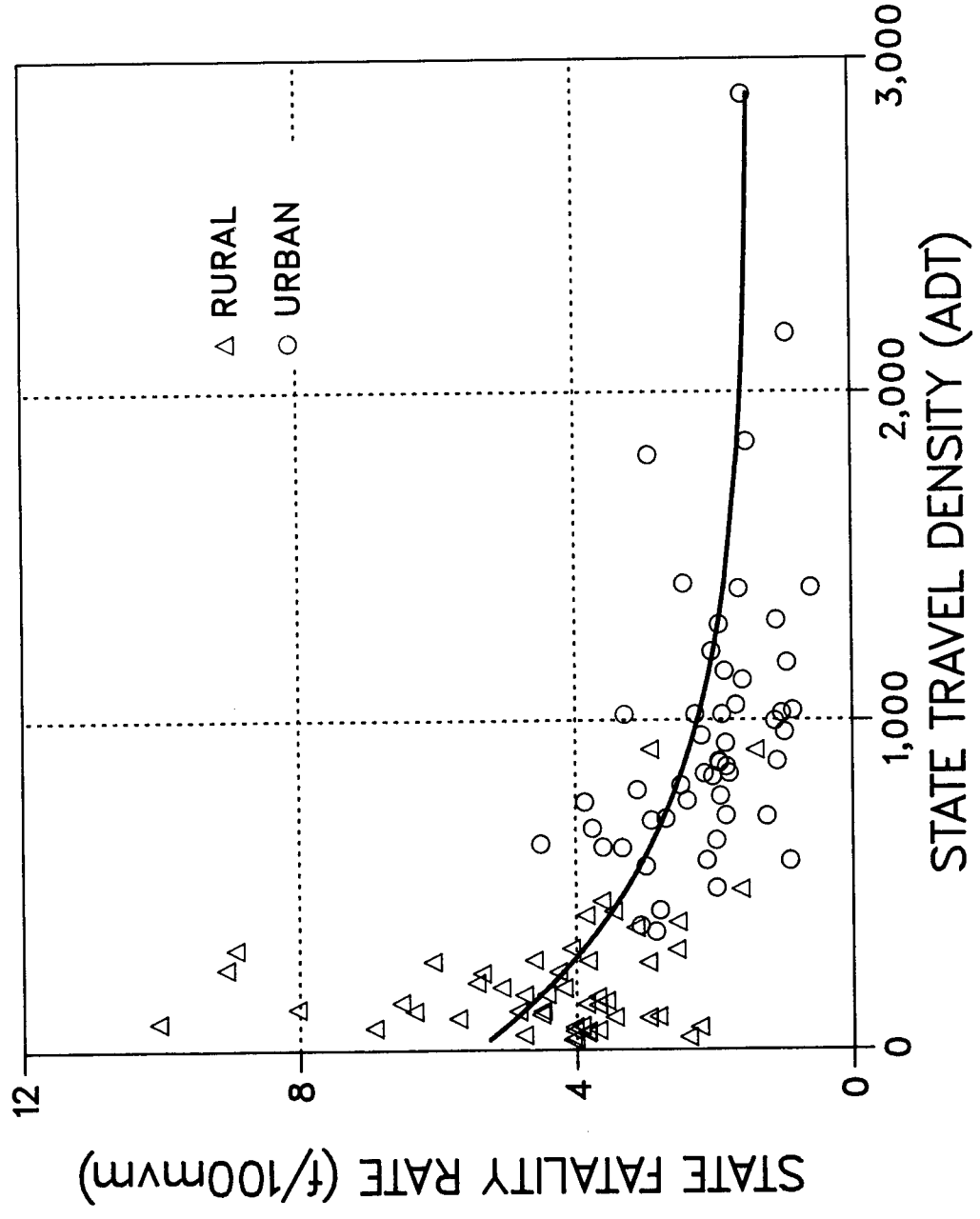
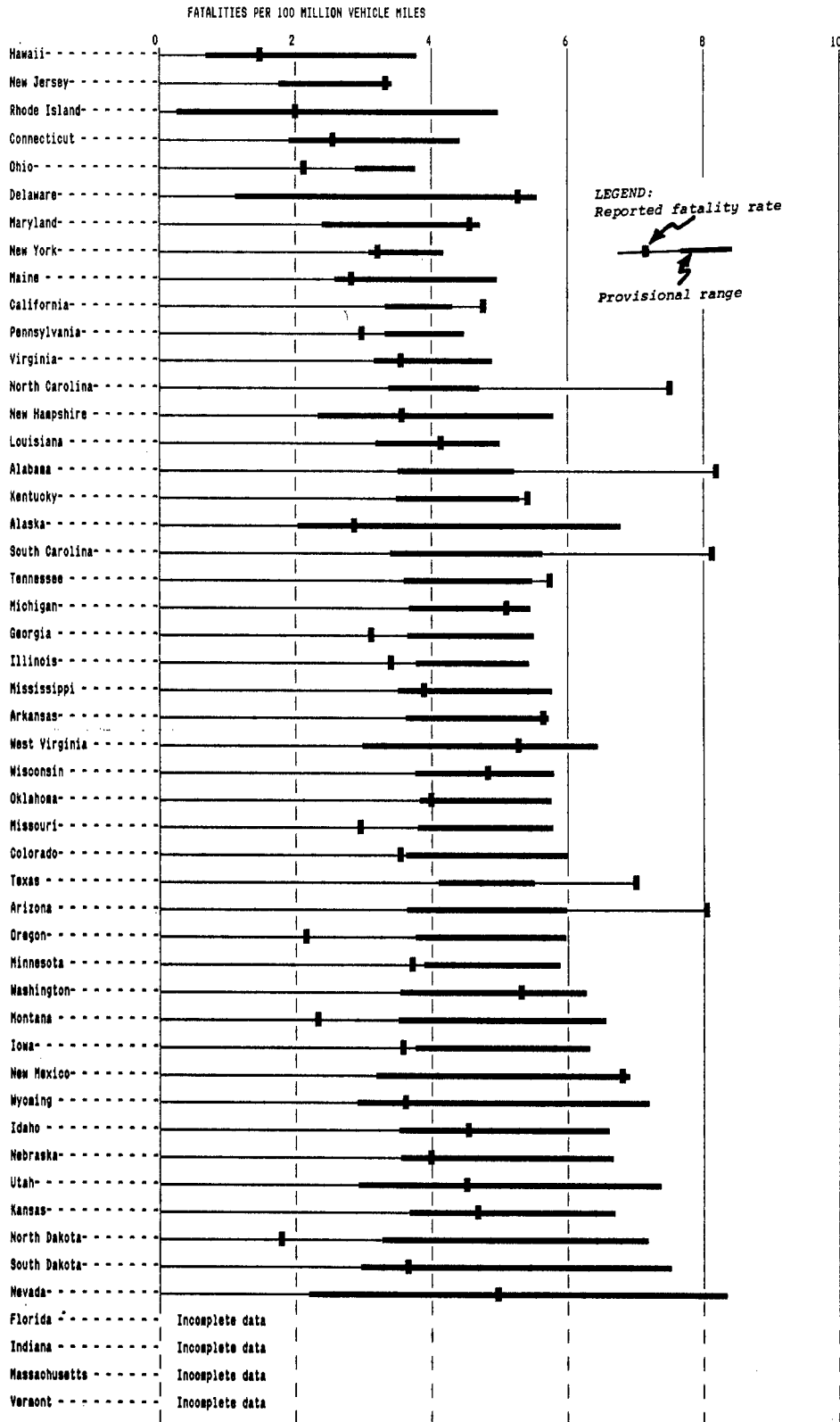


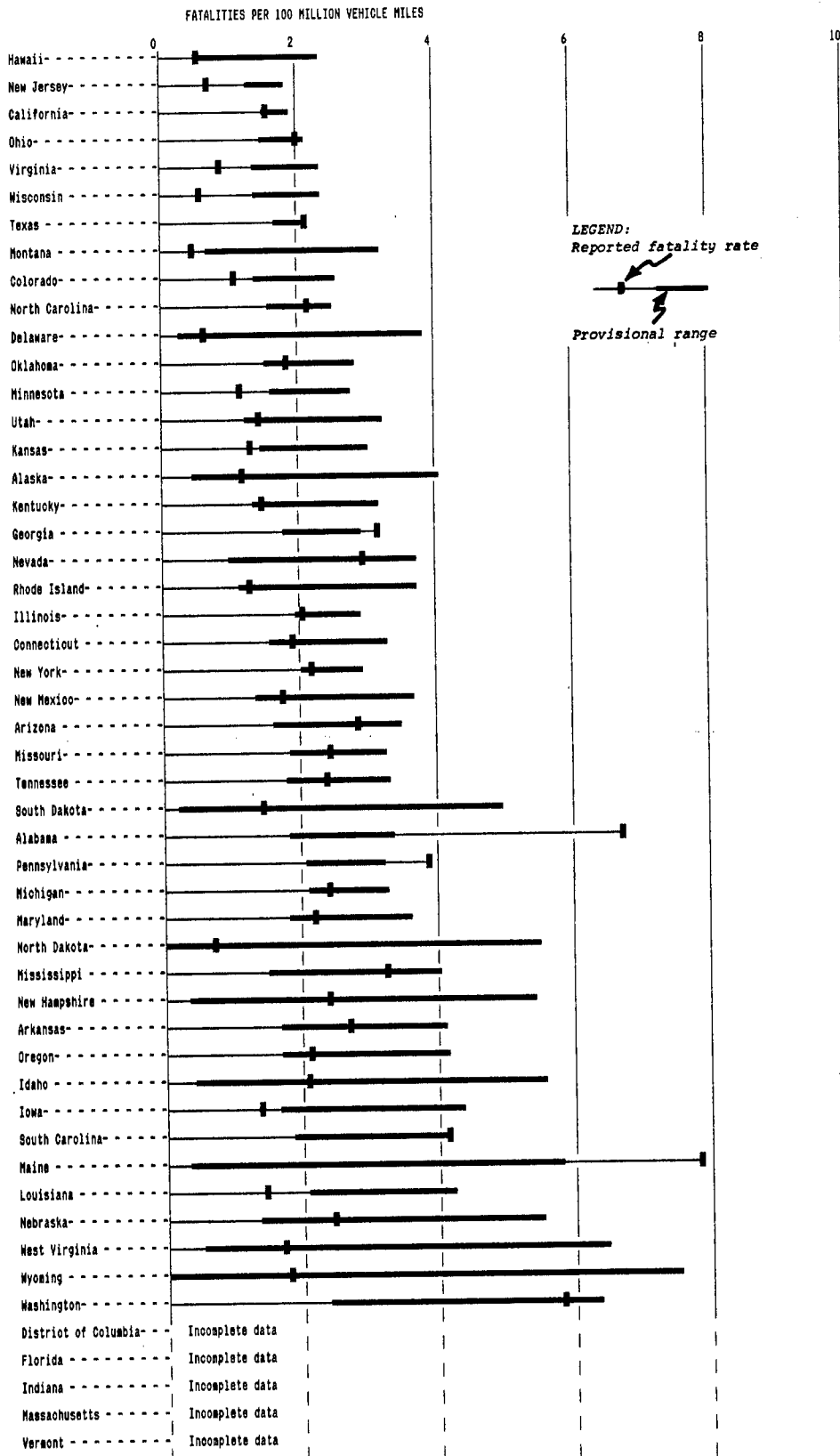
Fig. 7-F1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)  
 NON-FEDERAL-AID HIGHWAYS



**Figure 7-F2a FATALITY RATE BY STATE—RURAL NON-FEDERAL-AID HIGHWAYS (1968)**



**Figure 7-F2b FATALITY RATE BY STATE—URBAN NON-FEDERAL-AID HIGHWAYS (1968)**



SECTION VI--STATE FATALITY RATE TRENDS

It is sometimes more useful to know the trend within a State than to know how that State compares with others. Figure 8 illustrates changes in State rates over the 5-year period from 1982 through 1986. The format of the graphs is similar to that in Figure 7-A2. The provisional range for each of the 5 years is based on the provisional rate-density curve shown in Figure 7-A1.

Figure 8 is designed to show, within each State, the pattern of observed rates over the 5-year period and the relationship of observed rates to provisional ranges. Because of differences in the magnitude of individual State rates, not all States are shown at the same scale. It is not intended that Figure 8 be used to compare the magnitude of fatality rates in different States.

While some States like Illinois demonstrate steadily decreasing fatality rates throughout the 5-year period, others report little improvement since 1982. In about one-third of the States, the rate reported for 1986 is substantially lower than the rates for the preceding year. There were twelve States which have a 1986 fatality rate above the provisional range. By comparison, there were only five States in 1985.

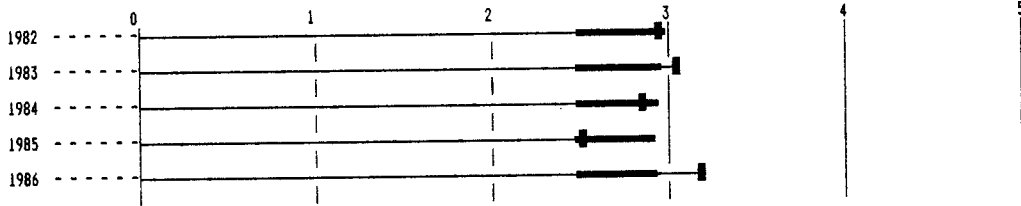
```

*****
*
*           Figure 8 may be used to answer questions such as:
*
*           1. Are the fatality rates in a State improving?
*
*           See pages 73-83. Most States show steadily
*           improving fatality rates. A few do not.
*
*           2. How have fatality rates in a particular State
*           compared with those in the rest of the United
*           States over the past five years?
*
*           See pages 73-83. For any year in a selected
*           State, a fatality rate to the left of the
*           provisional range indicates that the State
*           fatality rate is significantly below the
*           1982-85 national experience for States with
*           similar travel density. A fatality rate to
*           the right of the provisional range is
*           significantly above such national experience.
*
*
*****

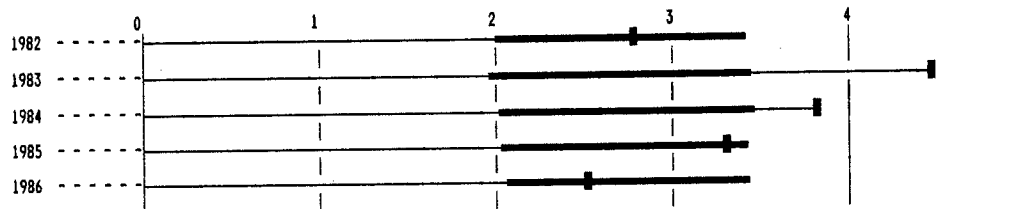
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**Figure 8 STATE FATALITY RATES (1982-1986)**

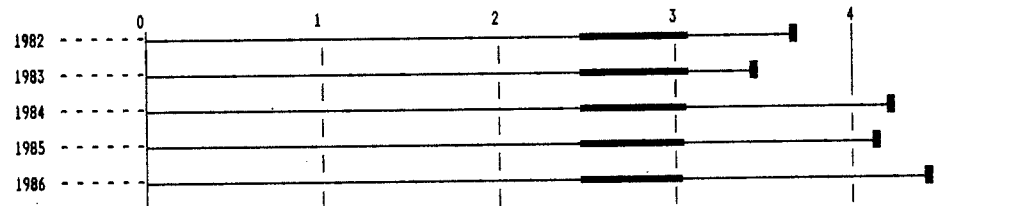
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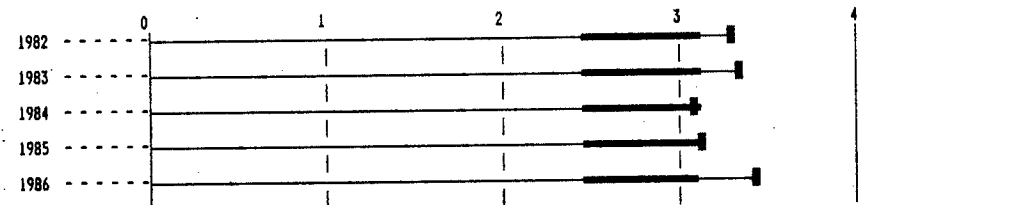
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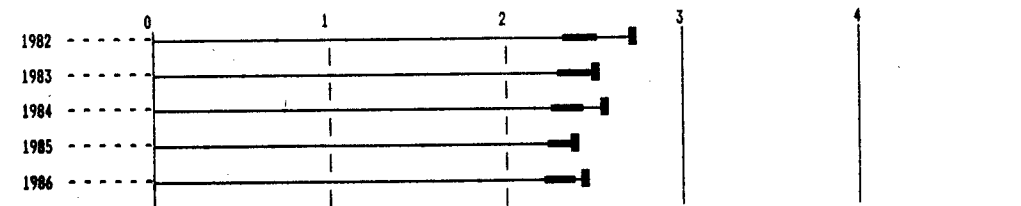
**ARIZONA**



**ARKANSAS**

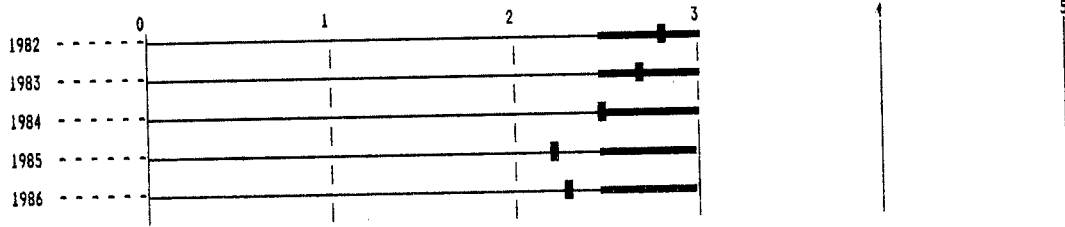


**CALIFORNIA**

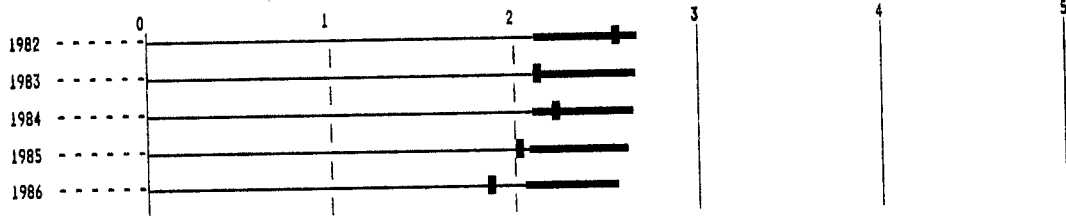


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

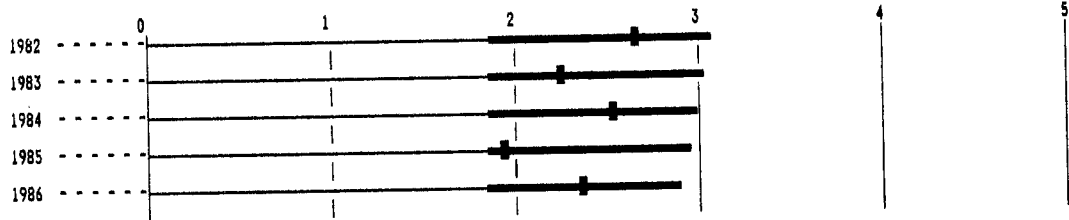
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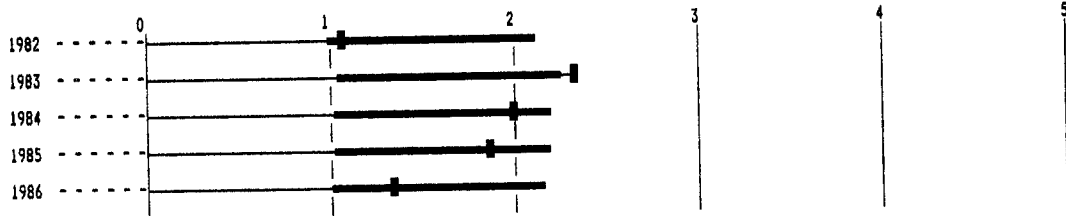
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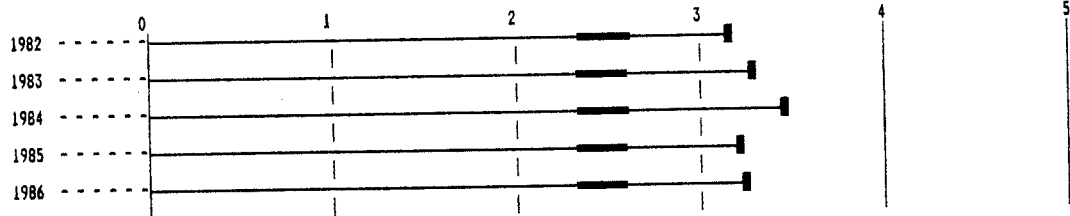
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**DISTRICT OF COLUMBIA**



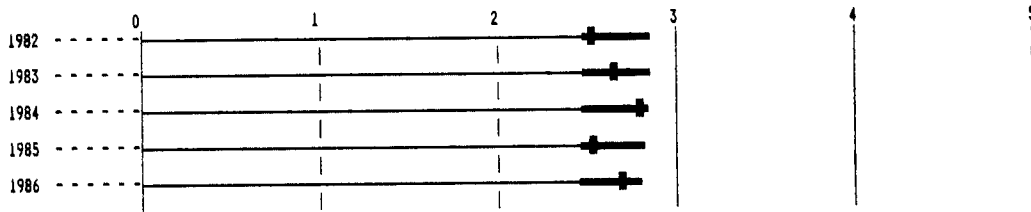
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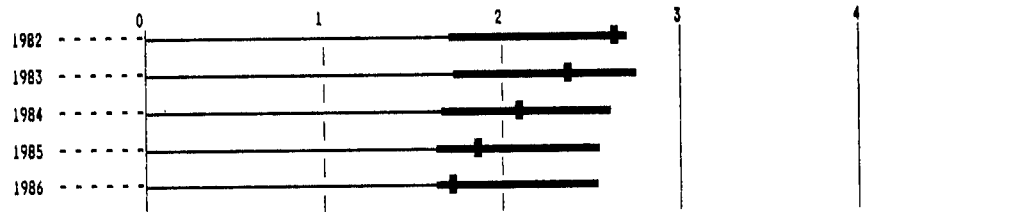


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

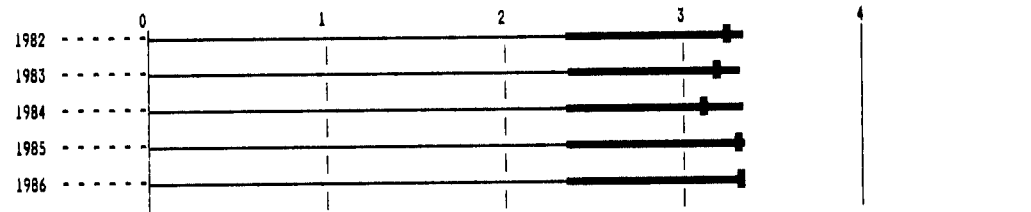
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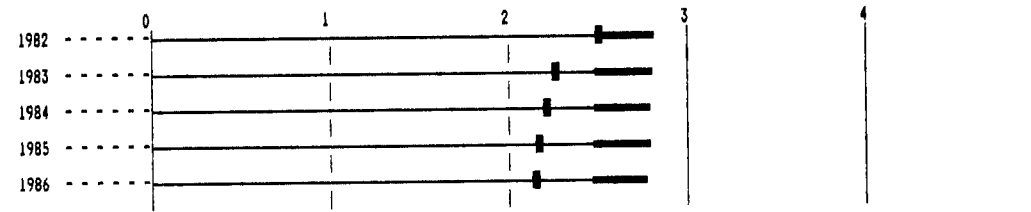
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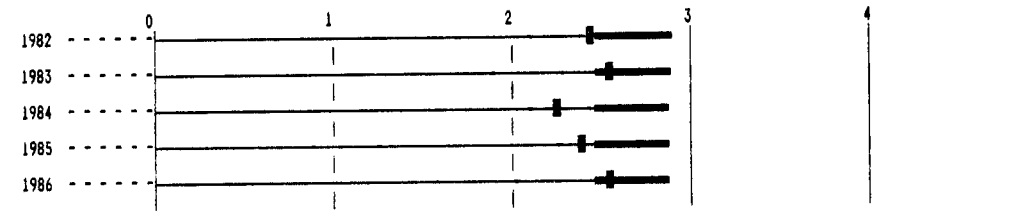
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**ILLINOIS**

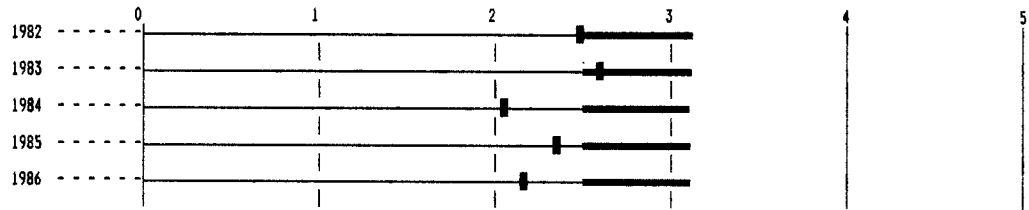


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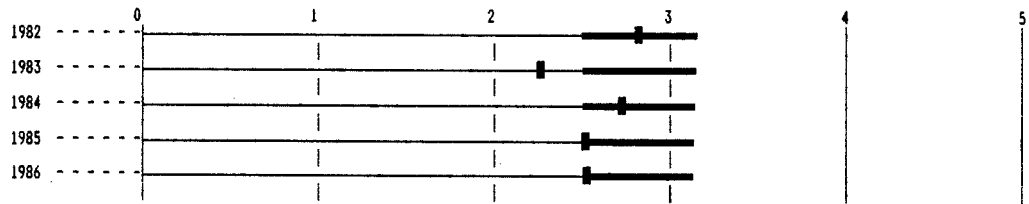


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

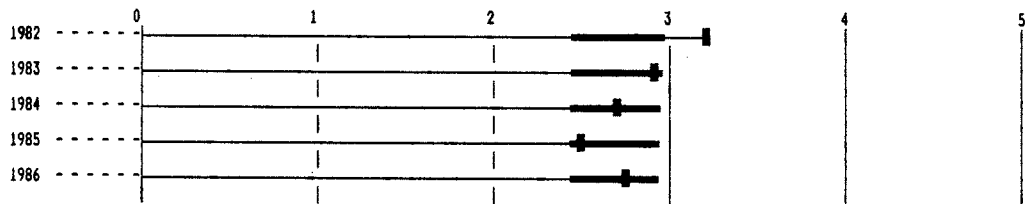
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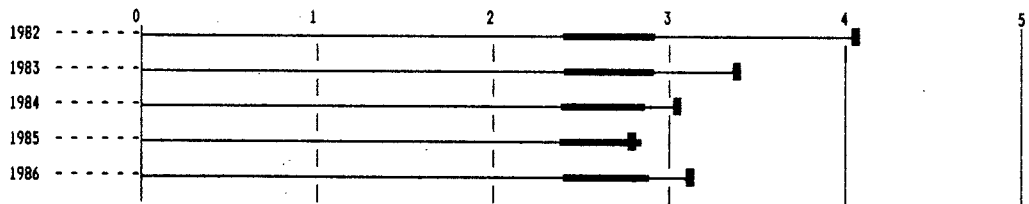
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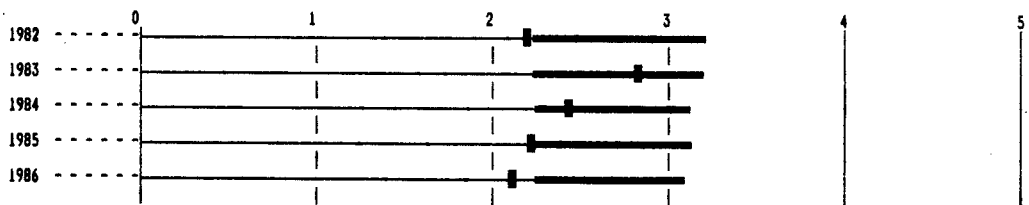
**KENTUCKY**



**LOUISIANA**

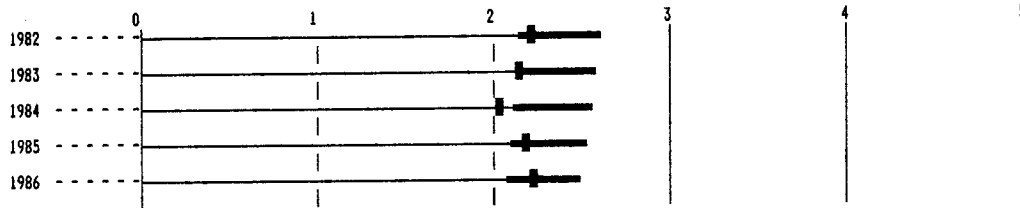


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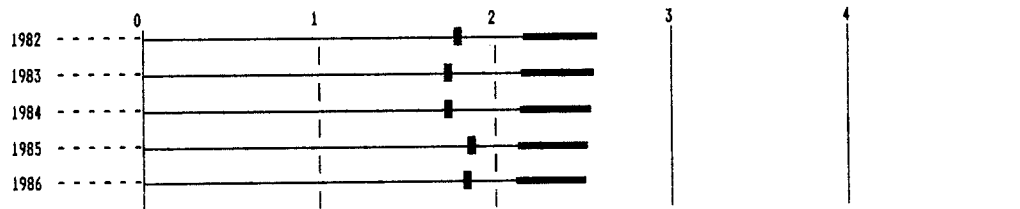


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

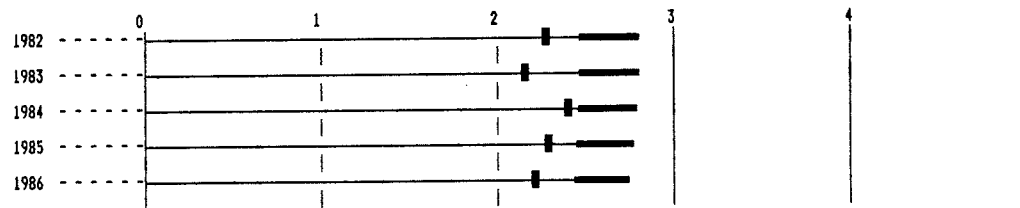
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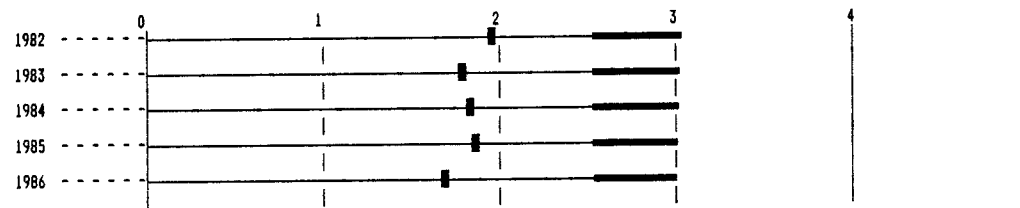
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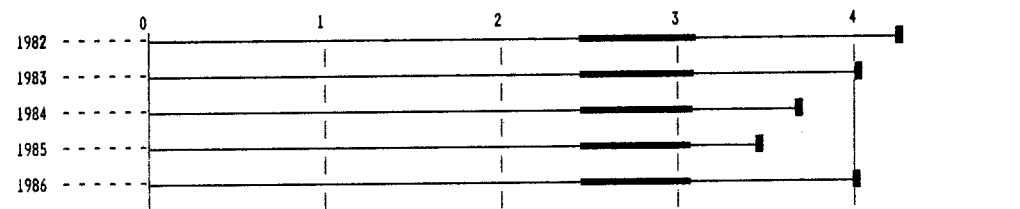
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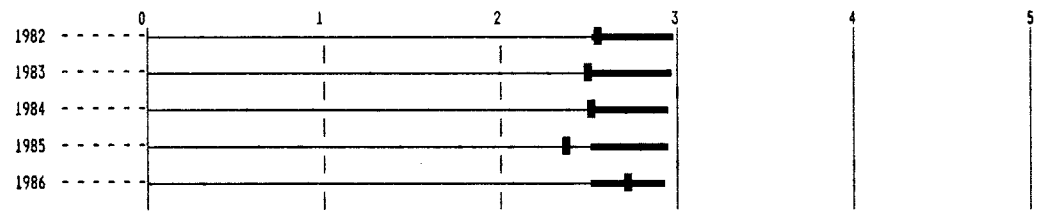


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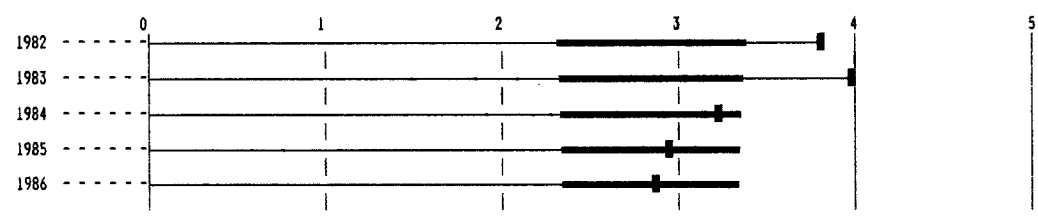


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

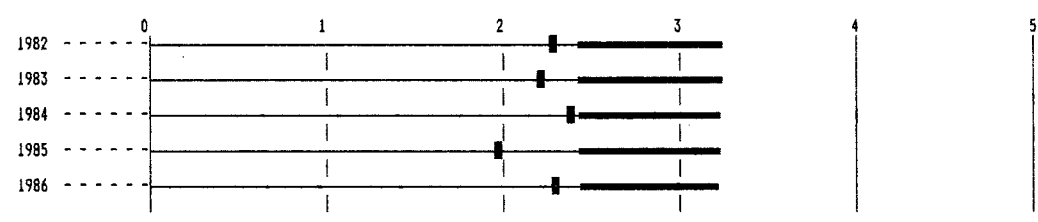
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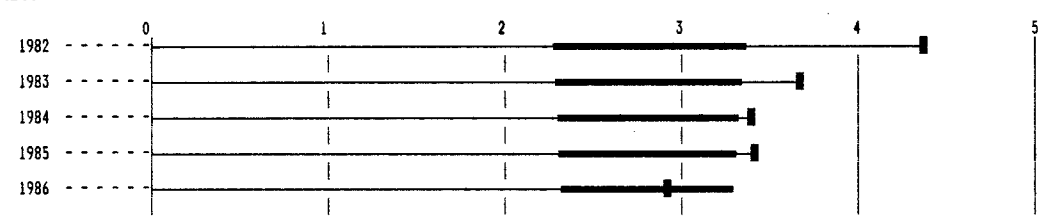
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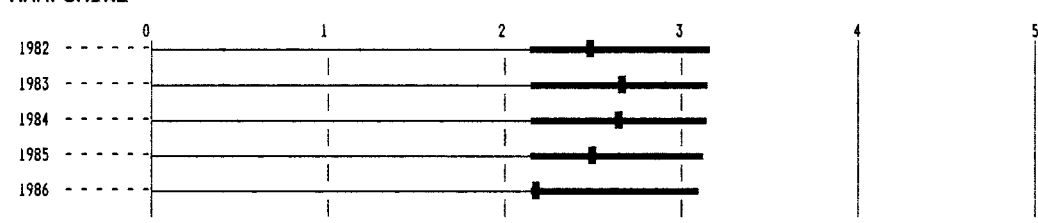
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**NEVADA**

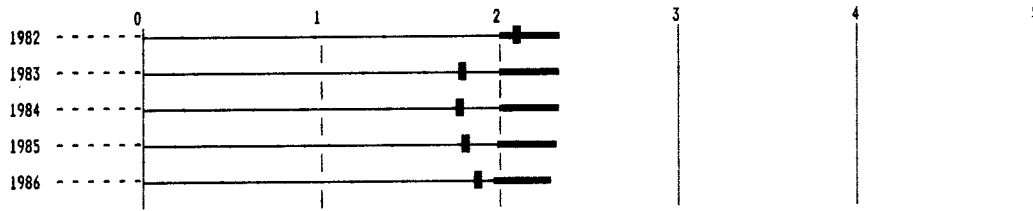


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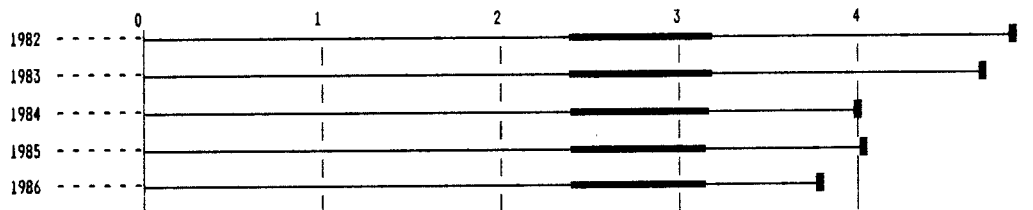


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

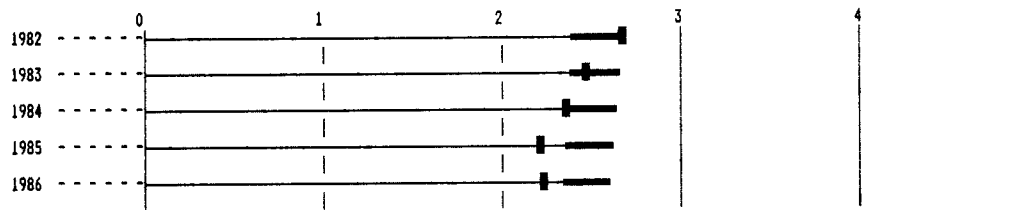
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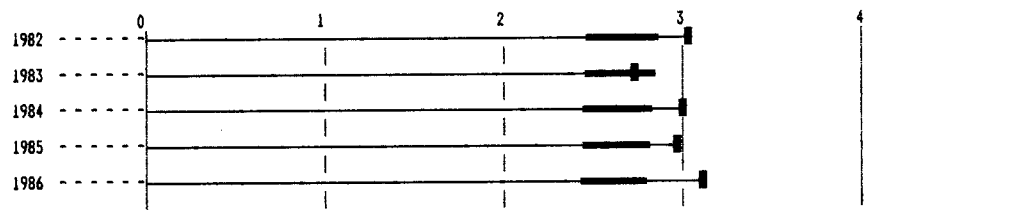
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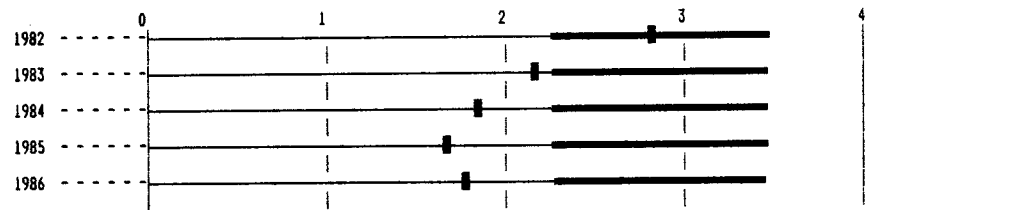
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**NORTH CAROLINA**

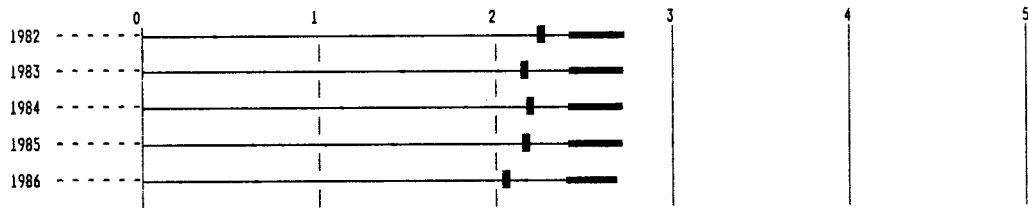


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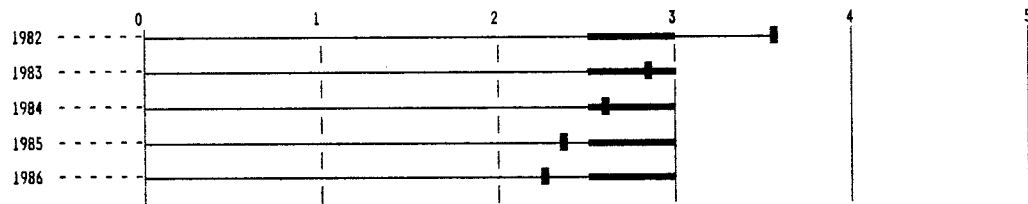


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

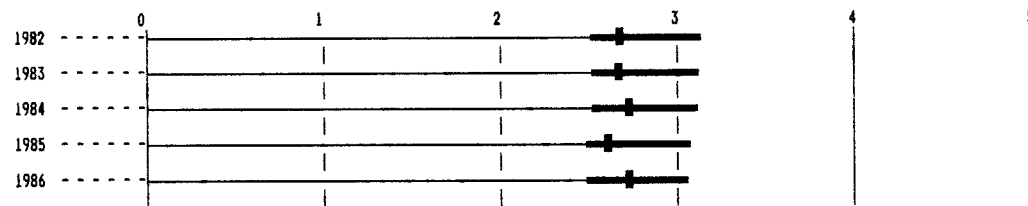
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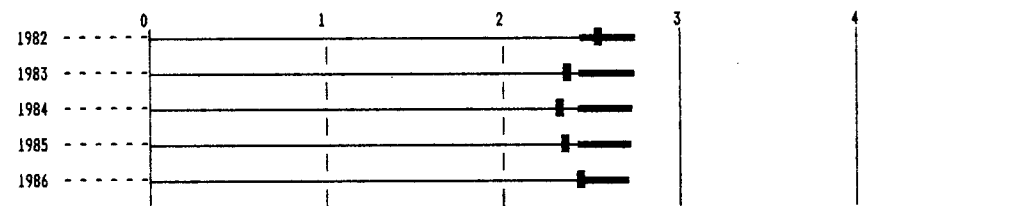
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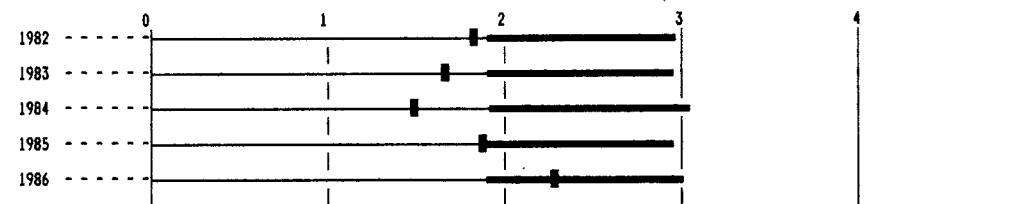
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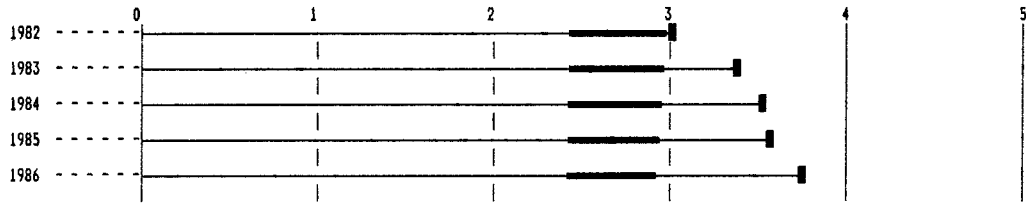


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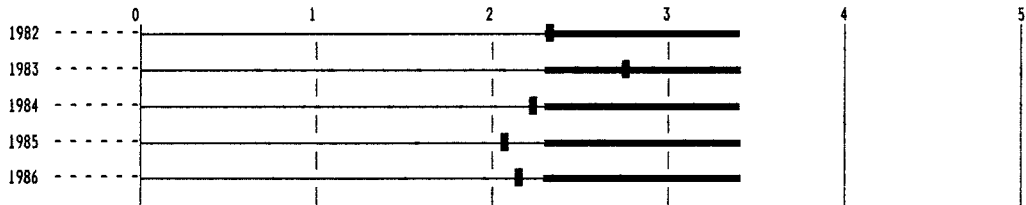


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

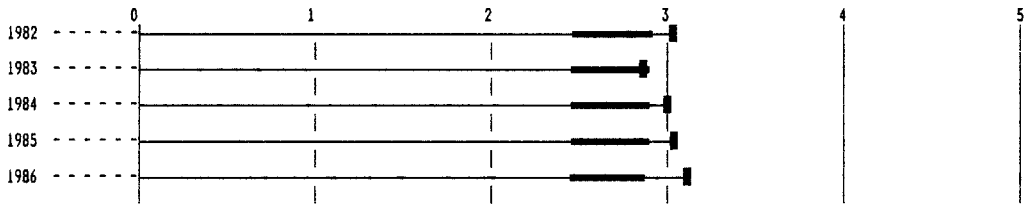
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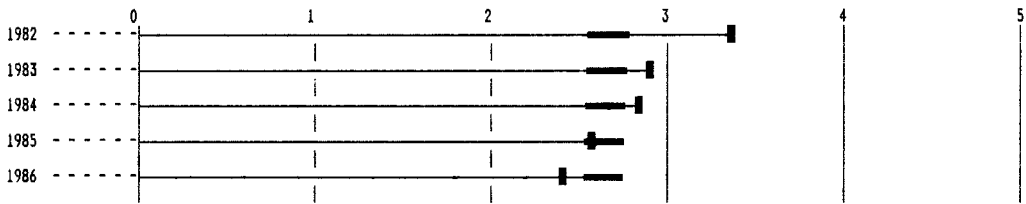
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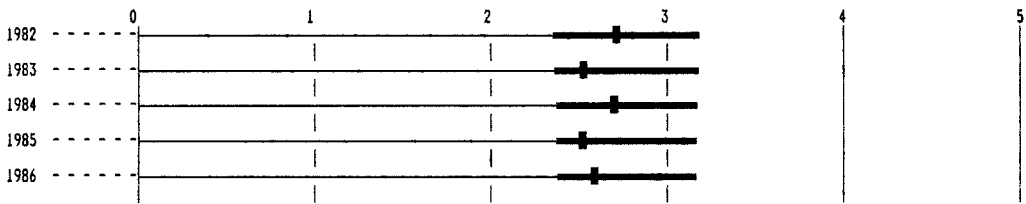
**TENNESSEE**



**TEXAS**

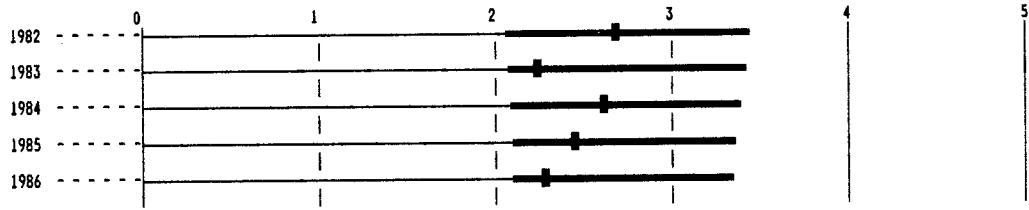


**UTAH**

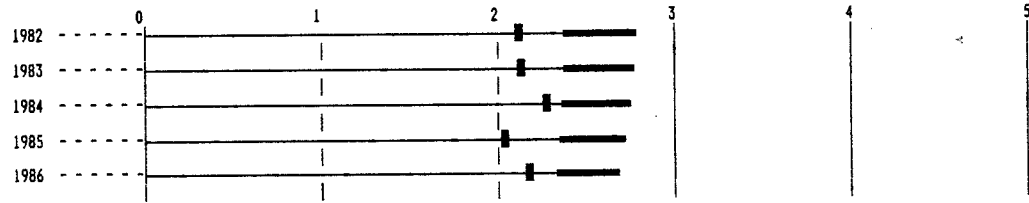


**Figure 8 (continued) STATE FATALITY RATES | 1982-1986**

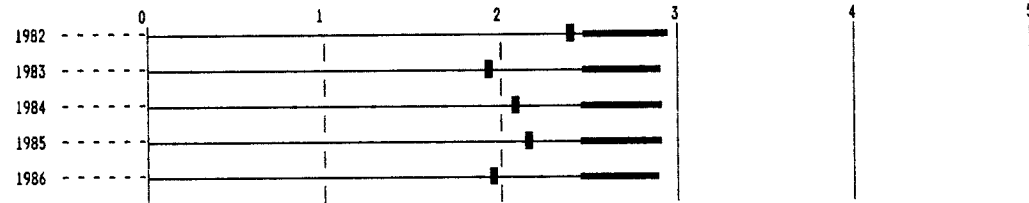
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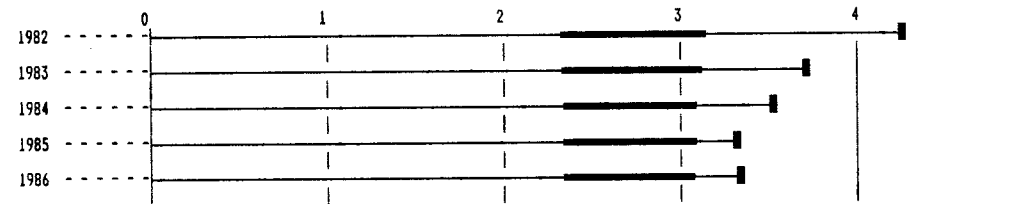
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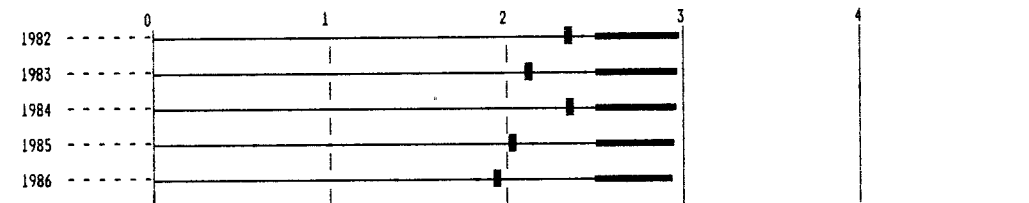
**WASHINGTON**



**WEST VIRGINIA**



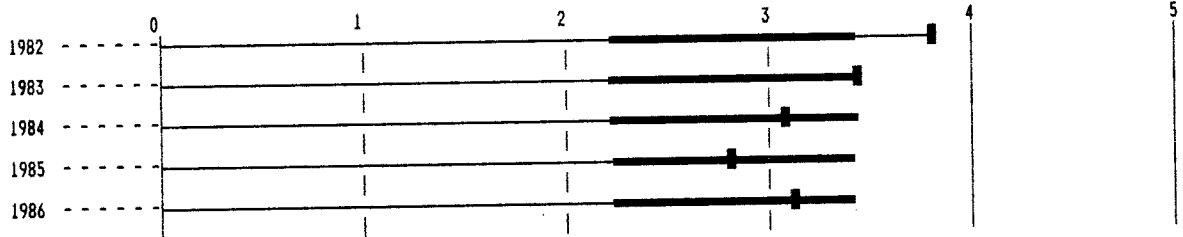
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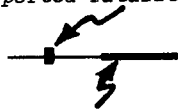


**Figure 8 (continued) STATE FATALITY RATES (1982-1986)**

WYOMING



LEGEND:  
Reported fatality rate



Provisional range

## SECTION VII--SUMMARY

The data presented in this report are intended for use in the evaluation of the highway safety performance of the States. The data were submitted by the States through the Highway Performance Monitoring System operated by the Federal Highway Administration.

Six states--Florida, Indiana, Massachusetts, Missouri, North Carolina and Vermont, and the District of Columbia--were unable to submit complete data in time for inclusion in this report. Only Massachusetts failed to submit data for 1984 and 1985. Vermont failed to submit data for 1984. Missouri and North Carolina failed to submit nonfatal injury accident data for all highway systems.

The traffic accident statistics for 1986 show an increase of about 2,200 fatalities, as compared to 1985. A disproportionate share of these fatalities occurred on non-Federal-Aid collector and local highways. As a result of this increase and an increase in the vehicle miles of travel, the fatality rate per 100 million vehicle miles of travel was 2.51, which was higher than the record low set in 1985. Analysis of the travel and accident data which have been presented is beyond the scope of this report.

## REFERENCES

### Rate-Density Relationships:

Chatfield, Benjamin V., "Fatal Accidents and Travel Density," Highway Research Record 469, pp. 40-51, 1973.

Smith, R.N., "Predictive Parameters for Accident Rates," California Division of Highways, Analytical Studies Branch, 1973.

National Highway Traffic Safety Administration, "Highway Safety Needs Study - 1981 Update of 1976 Report to Congress," October 1981, DOT-HS-806 283, pp. 72-73.

Fee, Julie Anna, et al., "Interstate System Accident Research Study 1," Federal Highway Administration, U.S. Department of Transportation, October 1970, pp. I-14, 15, 42.

### Provisional Rates:

Morin, D.A., "Application of Statistical Concepts to Accident Data," Highway Research Record 188, 1967, pp. 72-79.

