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of Transportation
**Federal Highway
Administration**

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

April 1988



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Prepared by the Offices of
Highway Safety and Highway
Information Management

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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)

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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

TABLE OF CONTENTS

SECTION I	Introduction	1
A.	Purpose of Report	1
B.	Terminology	1
C.	Highway Safety Performance in 1986	4
D.	National Trends	7
E.	Comparison of State Statistics	13
SECTION II	Vehicle Mileage Rates	15
SECTION III	Other Rates	44
A.	Highway Mileage	44
B.	Population	44
C.	Licensed Drivers	44
D.	Registered Vehicles	44
SECTION IV	Puerto Rico and U.S. Territories	49
SECTION V	Relationship of Fatality Rates to Travel Density	50
SECTION VI	State Fatality Rate Trends	72
SECTION VII	Summary	84
References		85

TABLES

Table 1	U.S. Vehicle Mile Rates by Highway System	5
Table 2	State Accident Summary	6
Table 3	Fatal Accidents by State and Highway System	16
Table 4	Nonfatal Injury Accidents by State and Highway System	23
Table 5	Fatalities by State and Highway System	30
Table 6	Nonfatally Injured Persons by State and Highway System	37
Table 7	U.S. Highway-Mile Rates by Highway System	45
Table 8	Population Rates by State	46
Table 9	Licensed Driver Rates by States	47
Table 10	Registered Vehicle Rates by State	48
Table 11	Fatal and Injury Accidents in Puerto Rico	49

FIGURES

Figure 1	U.S. Motor Vehicle Fatality Rates: 1925-1986	8
Figure 2	U.S. Fatality Rates for Interstate and Other Highways Systems: 1967-1986	9
Figure 3	U.S. Injury Rates for Interstate and Other Highways Systems: 1967-1986	10
Figure 4	U.S. Fatality Rates by Highway System: 1978-86	11
Figure 5	U.S. Injury Rates by Highway System: 1978-86	12
Figure 6	Relationship Between Fatality Rates and Travel Density	14
Figure 7-A1	Provisional Rate-Density Relationship--All Highways	53
Figure 7-A2	Fatality Rate by State--All Highways	54
Figure 7-B1	Provisional Rate-Density Relationship--Rural and Urban Highways	55
Figure 7-B2a	Fatality Rate by State--All Rural Highways	56
Figure 7-B2b	Fatality Rate by State--All Urban Highways	57
Figure 7-C1a	Provisional Rate-Density Relationship--Interstate System	58
Figure 7-C1b	Provisional Rate-Density Relationship--Rural Interstate System	59
Figure 7-C1c	Provisional Rate-Density Relationship--Urban Interstate System	60
Figure 7-C2a	Fatality Rate by State--Rural Interstate Highways	61
Figure 7-C2b	Fatality Rate by State--Urban Interstate Highways	62
Figure 7-D1	Provisional Rate-Density Relationship--Other Federal-Aid Primary Highways	63
Figure 7-D2a	Fatality Rate by State--Other Rural Federal-Aid Primary Highways	64
Figure 7-D2b	Fatality Rate by State--Other Urban Federal-Aid Primary Highways	65
Figure 7-E1	Provisional Rate-Density Relationship--Federal-Aid Secondary and Urban System Highways	66
Figure 7-E2a	Fatality Rate by State--Federal-Aid Secondary Highways	67
Figure 7-E2b	Fatality Rate by State--Federal-Aid Urban System Highways	68
Figure 7-F1	Provisional Rate-Density Relationship--Non-Federal-Aid Highways	69
Figure 7-F2a	Fatality Rate by State--Rural Non-Federal-Aid Highways	70
Figure 7-F2b	Fatality Rate by State--Urban Non-Federal-Aid Highways	71
Figure 8	State Fatality Rates: 1982-86	73

HIGHWAY SAFETY PERFORMANCE - 1986

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.^{1/} 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.

1/ 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 - 1986¹

HIGHWAY SYSTEM	HIGHWAY MILES 2/	VEHICLE MILES (MILLIONS) 2/	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS 4/		FATALITIES		NONFATAL INJURED PERSONS 4/	
				NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/
INTERSTATE (ARTERIAL)											
RURAL	32,784	159,477	13,327	1,808	1.13	36,858	23.11	2,112	1.32	58,889	36.93
URBAN	11,060	231,177	57,266	1,908	0.82	107,472	46.49	2,139	0.93	152,138	70.14
TOTAL	43,844	390,654	24,411	3,716	0.95	144,330	36.95	4,251	1.09	221,027	56.58
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	226,416	286,046	3,461	8,570	3.00	194,552	68.01	10,171	3.56	326,992	114.31
URBAN	32,973	251,425	20,891	4,014	1.60	317,042	126.10	4,408	1.75	489,457	194.67
TOTAL	259,389	537,471	5,677	12,584	2.34	511,594	95.19	14,579	2.71	816,449	151.91
FEDERAL-AID URBAN											
ARTERIAL	90,461	326,528	9,889	7,351	2.25	569,489	174.41	7,931	2.43	863,633	264.49
COLLECTOR	55,660	70,812	3,486	1,292	1.82	107,365	151.62	1,380	1.95	155,235	219.22
TOTAL (ALL URBAN)	146,121	397,340	7,450	8,643	2.18	676,854	170.35	9,311	2.34	1,018,868	256.42
FEDERAL-AID SECONDARY (COLLECTOR)											
TOTAL (ALL RURAL)	397,914	157,351	1,083	5,814	3.69	164,824	104.75	6,653	4.23	257,912	163.91
NON-FEDERAL-AID ARTERIAL											
RURAL	2,547	4,102	4,412	102	2.49	1,761	42.93	133	3.24	3,196	77.91
URBAN	8,643	24,024	7,615	400	1.67	19,041	79.26	437	1.82	29,268	121.83
TOTAL	11,190	28,126	6,886	502	1.78	20,802	73.96	570	2.03	32,464	115.42
NON-FEDERAL-AID COLLECTOR											
RURAL	329,799	50,767	422	1,752	3.45	80,784	159.13	1,969	3.88	120,468	237.30
URBAN	19,290	19,709	2,799	309	1.57	20,024	101.60	332	1.68	28,708	145.66
TOTAL	349,089	70,476	553	2,061	2.92	100,808	143.04	2,301	3.26	149,176	211.67
NON-FEDERAL-AID LOCAL											
RURAL	2,188,664	92,332	116	4,276	4.63	197,678	214.09	4,711	5.10	292,558	316.85
URBAN	483,327	164,490	932	3,466	2.11	436,810	265.55	3,680	2.24	621,146	377.62
TOTAL	2,671,991	256,822	263	7,742	3.01	634,488	247.05	8,391	3.27	913,704	355.77
ALL FEDERAL-AID											
RURAL	657,114	602,874	2,514	16,192	2.69	336,234	65.72	18,936	3.14	643,793	106.79
URBAN	190,154	879,942	12,678	14,565	1.56	1,101,368	125.16	15,858	1.80	1,670,463	189.84
TOTAL	847,268	1,482,816	4,795	30,757	2.07	1,437,602	101.00	34,794	2.35	2,314,256	156.07
ALL NON-FEDERAL-AID											
RURAL	2,521,010	147,201	160	6,130	4.16	280,223	190.37	6,813	4.63	416,222	282.76
URBAN	511,260	208,223	1,116	4,175	2.01	475,875	228.54	4,449	2.14	679,122	326.15
TOTAL	3,032,270	355,424	321	10,305	2.90	756,098	212.73	11,262	3.17	1,095,344	308.18
NON-INTERSTATE											
RURAL	3,145,340	590,598	514	20,514	3.47	639,599	108.30	23,637	4.00	1,001,126	169.51
URBAN	690,354	856,988	3,401	16,832	1.96	1,469,771	171.50	18,168	2.12	2,187,447	255.25
TOTAL	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											
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

1/ 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.

2/ 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 AVERAGE 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.

3/ RATES ARE PER 100 MILLION VEHICLE MILES.

4/ TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED 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		NONFATAL INJURED PERSONS		FATALITY INJURED PEDESTRIANS		NONFATAL 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	1,101	2.52	5,432	135.53	17	0.42	159	3.97
ARIZONA	77,314	22,665	886	3.91	26,034	114.86	1,004	4.43	40,541	178.87	166	0.73	1,052	4.64
ARKANSAS	77,050	17,555	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	2.18	233,004	108.42	5,253	2.44	347,351	161.62	862	0.40	17,600	8.19
COLORADO	76,318	26,382	507	1.92	27,863	105.61	1,503	2.29	41,409	156.96	59	0.22	1,116	4.23
CONNECTICUT	19,688	24,053	427	1.78	35,367	147.04	450	1.87	49,484	205.73	78	0.32	1,714	7.13
DELAWARE	5,332	5,762	119	2.07	5,594	104.03	136	2.36	8,991	156.04	16	0.28	298	5.17
DIST. OF COL.	1,102	3,287	2/	1.34	3/	4/	2/	1.34	3/	4/	2/	0.43	3/	4/
FLORIDA	99,074	87,273	2,542	2.51	52,528	93.13	2,831	3.24	80,646	141.90	597	0.68	3/	4/
GEORGIA	106,607	56,833	1,378	2.42	132,49	104.06	1,530	2.69	12,893	184.95	216	0.38	1,179	2.07
HAWAII	4,040	6,971	111	1.59	7,154	104.06	120	1.72	12,893	184.95	28	0.40	476	6.83
IDaho	71,544	7,781	220	2.83	7,187	92.37	258	3.32	10,973	141.02	17	0.22	197	2.53
ILLINOIS	134,778	74,144	1,449	1.55	122,650	165.69	1,536	2.15	184,078	248.27	289	0.36	10,274	13.86
INDIANA	51,462	40,780	331	2.28	18,522	90.74	1,038	2.95	3/	4/	2/	0.24	3/	4/
IOWA	112,498	20,413	388	1.50	11,775	117.49	441	2.16	26,669	130.65	34	0.17	774	3.79
KANSAS	132,642	18,821	413	2.08	20,975	105.82	500	2.52	32,150	162.20	41	0.21	1,258	5.40
KENTUCKY	59,599	28,262	723	2.47	31,015	106.04	805	2.72	48,194	168.06	84	0.28	1,258	5.40
LOUISIANA	58,225	25,521	821	2.75	39,562	132.49	922	3.13	68,366	248.96	142	0.28	1,054	3.32
MAINE	21,968	10,022	150	1.50	11,775	117.49	212	2.12	17,123	170.85	17	0.17	438	4.37
MARYLAND	27,738	35,208	715	2.03	50,883	144.52	784	2.23	82,955	235.61	125	0.35	3,158	8.97
MASSACHUSETTS	33,803	40,745	677	1.66	3/	4/	2/	1.84	3/	4/	2/	0.40	3/	4/
MICHIGAN	117,664	71,981	1,431	1.99	106,265	147.63	1,534	2.21	157,377	218.64	236	0.33	4,340	6.03
MINNESOTA	132,644	33,806	505	1.49	27,578	81.58	571	1.69	39,785	117.69	70	0.21	1,427	4.22
MISSISSIPPI	71,818	19,226	670	3.48	13,167	68.49	771	4.01	24,743	128.70	79	0.41	507	2.64
MISSOURI	119,398	41,571	970	2.33	3/	4/	1,129	2.72	7,837	101.29	113	0.27	3/	4/
MONTANA	71,705	7,737	193	2.49	5,116	66.12	220	2.87	7,837	101.29	10	0.13	162	2.09
NEBRASKA	92,199	12,630	259	2.05	13,508	106.95	292	2.30	19,818	156.91	24	0.19	557	4.73
NEVADA	44,438	7,986	203	2.54	9,848	123.32	233	2.92	15,067	188.67	27	0.34	633	7.93
NEW HAMPSHIRE	14,491	7,913	162	2.05	7,301	92.27	172	2.17	9,956	125.82	25	0.32	383	4.84
NEW JERSEY	34,040	55,350	946	1.71	94,764	171.21	1,039	1.88	147,023	265.62	277	0.50	7,583	13.70
NEW MEXICO	53,596	13,171	436	3.31	15,965	121.21	459	3.79	24,344	184.83	102	0.77	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	1,489	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	153	2.72
OHIO	113,288	81,348	1,503	1.85	112,160	137.88	1,673	2.06	178,854	219.86	184	0.23	4,482	5.51
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	22,741	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	165	2.65
TENNESSEE	83,851	39,521	1,102	2.79	45,939	116.24	1,230	3.11	68,004	172.07	133	0.34	1,425	3.51
TEXAS	285,962	148,348	3,120	2.10	154,514	104.15	3,567	2.40	234,120	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/	4/	109	2.28	3/	4/	2/	0.17	3/	4/
VIRGINIA	65,802	51,726	1,002	1.94	53,313	103.07	1,126	2.18	80,937	156.47	142	0.27	2,099	4.06
WASHINGTON	80,478	35,993	648	1.80	46,090	128.05	1,703	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	107.13	747	1.94	60,542	157.55	63	0.16	2,039	5.31
WYOMING	38,931	5,373	146	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 6/	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 CANNOT BE COMPUTED. 5/ U.S. TOTAL IS BASED ON PAGE 5. THE SUM REFLECTS THE TOTAL OF DATA SHOWN IN THIS TABLE. SEE FOOTNOTE 3. THE NONFATAL INJURY ACCIDENT, NONFATAL INJURED PERSON, AND NONFATAL 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, NONFATAL INJURED PERSONS, AND NONFATAL 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.

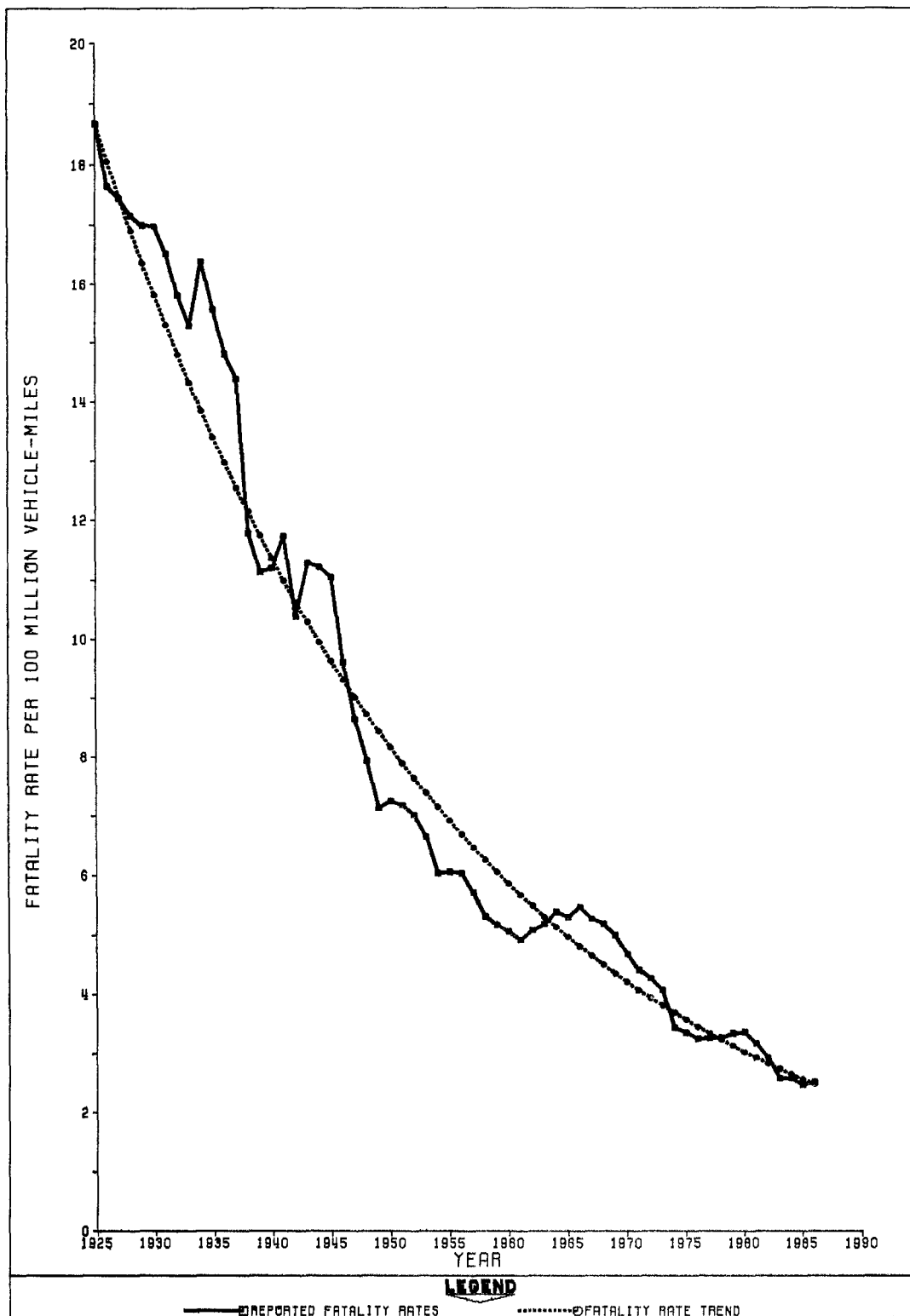
From a rate of more than 18 fatalities per 100 million vehicle miles in the mid-20's the average rate has gone down more than 3 percent per year to a rate slightly above 2.50.

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.

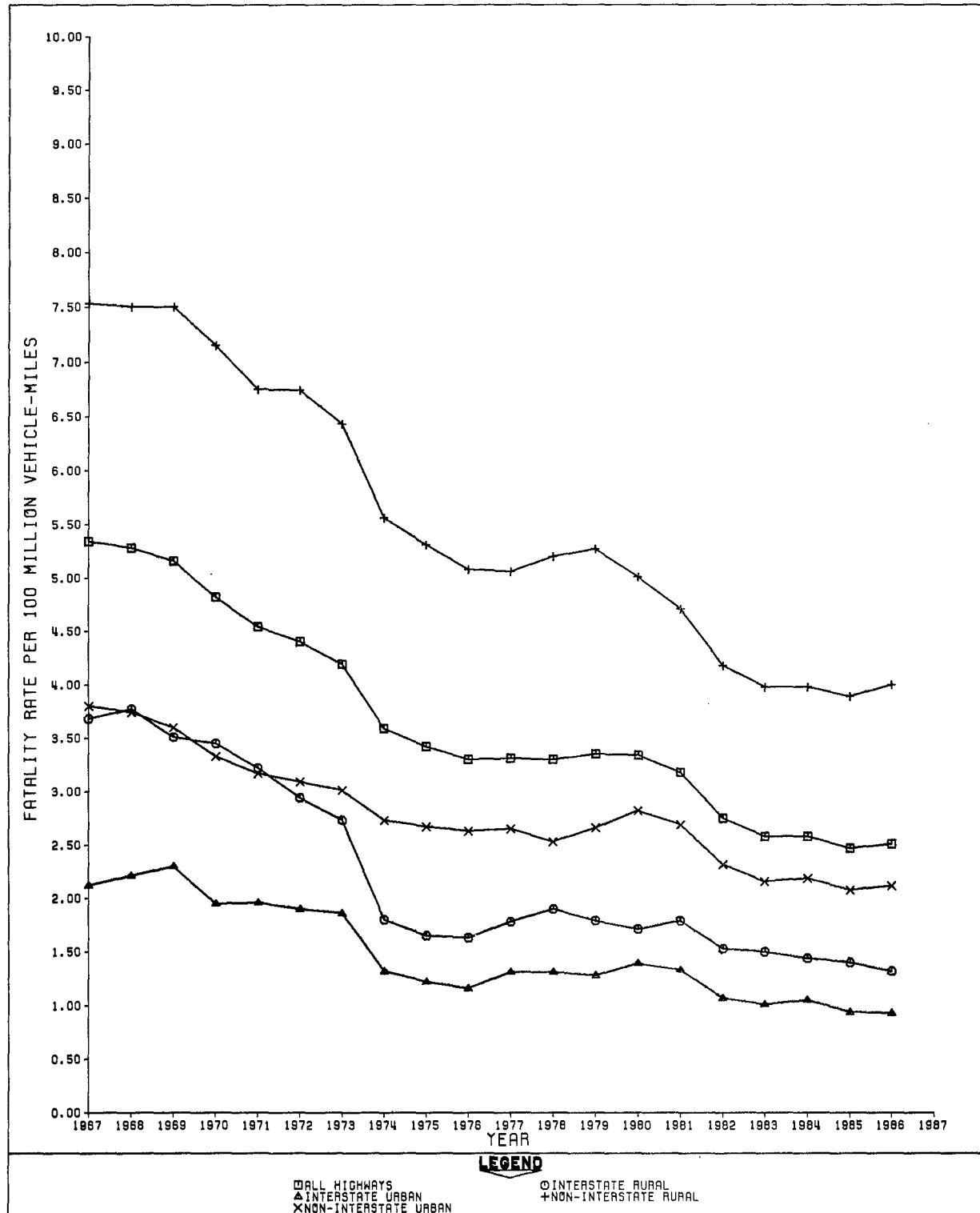
Figures 4 and 5 illustrate national fatality and injury rate trends from 1978 through 1986 by highway system. In the mid-70's, non-Interstate Federal-Aid highway systems were realigned by adopting functional classifications as the basis for assignment of highways to each system. As a result of these 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."

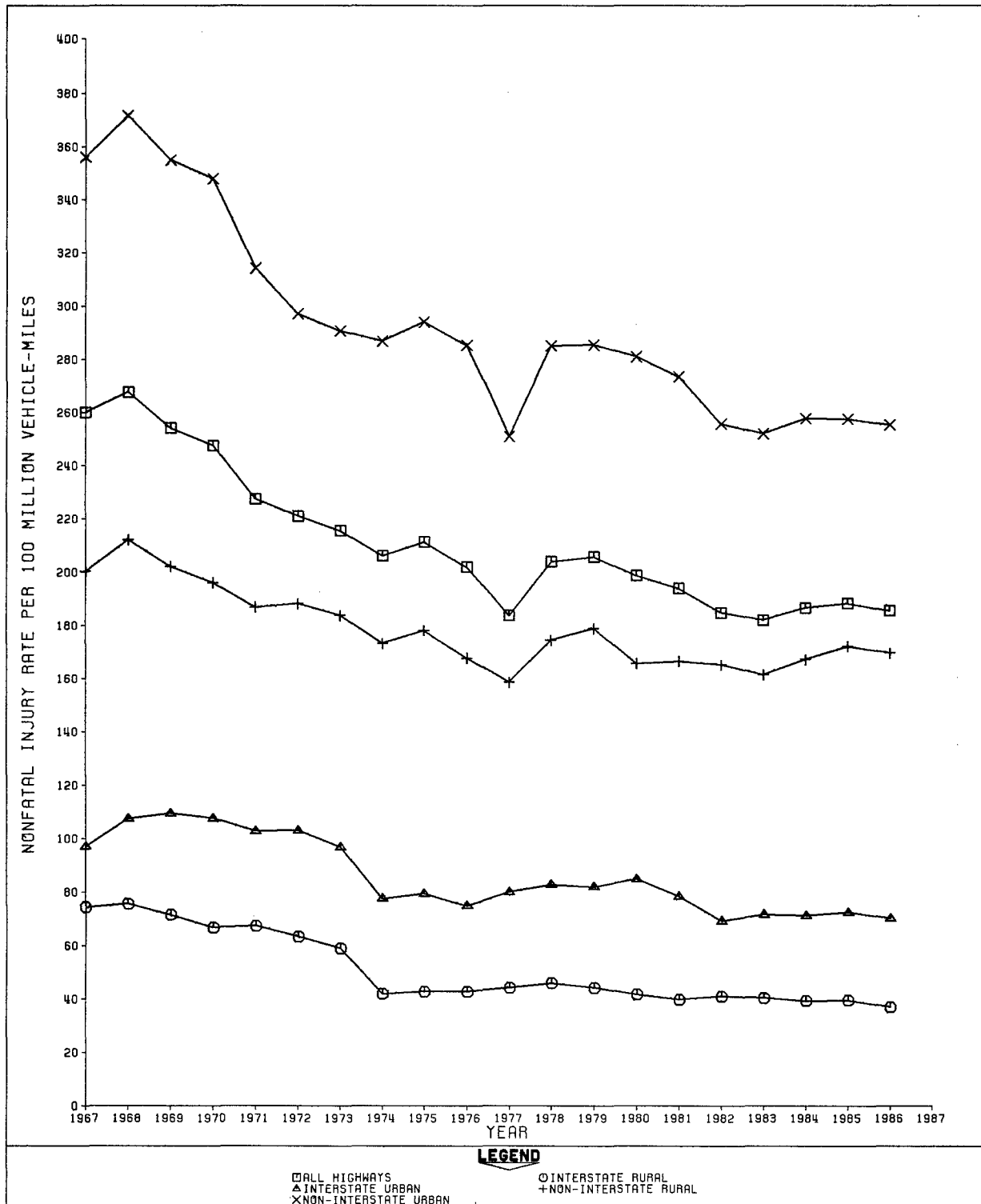
FIGURE 1. U.S. MOTOR VEHICLE TRAFFIC FATALITY RATES
(1925 - 1986)



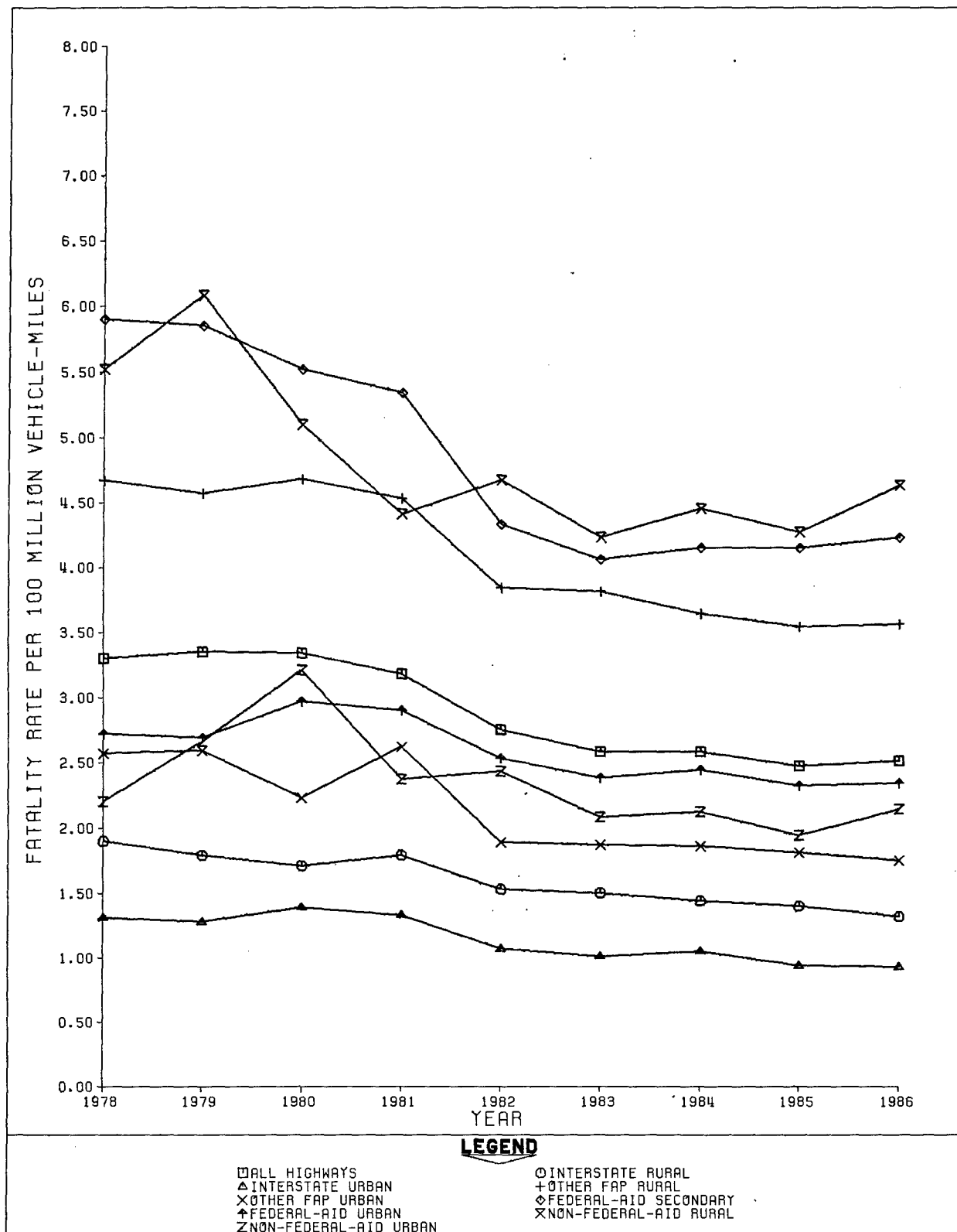
**FIGURE 2. U.S. FATALITY RATES
FOR INTERSTATE AND OTHER
HIGHWAY SYSTEMS (1967-1986)**



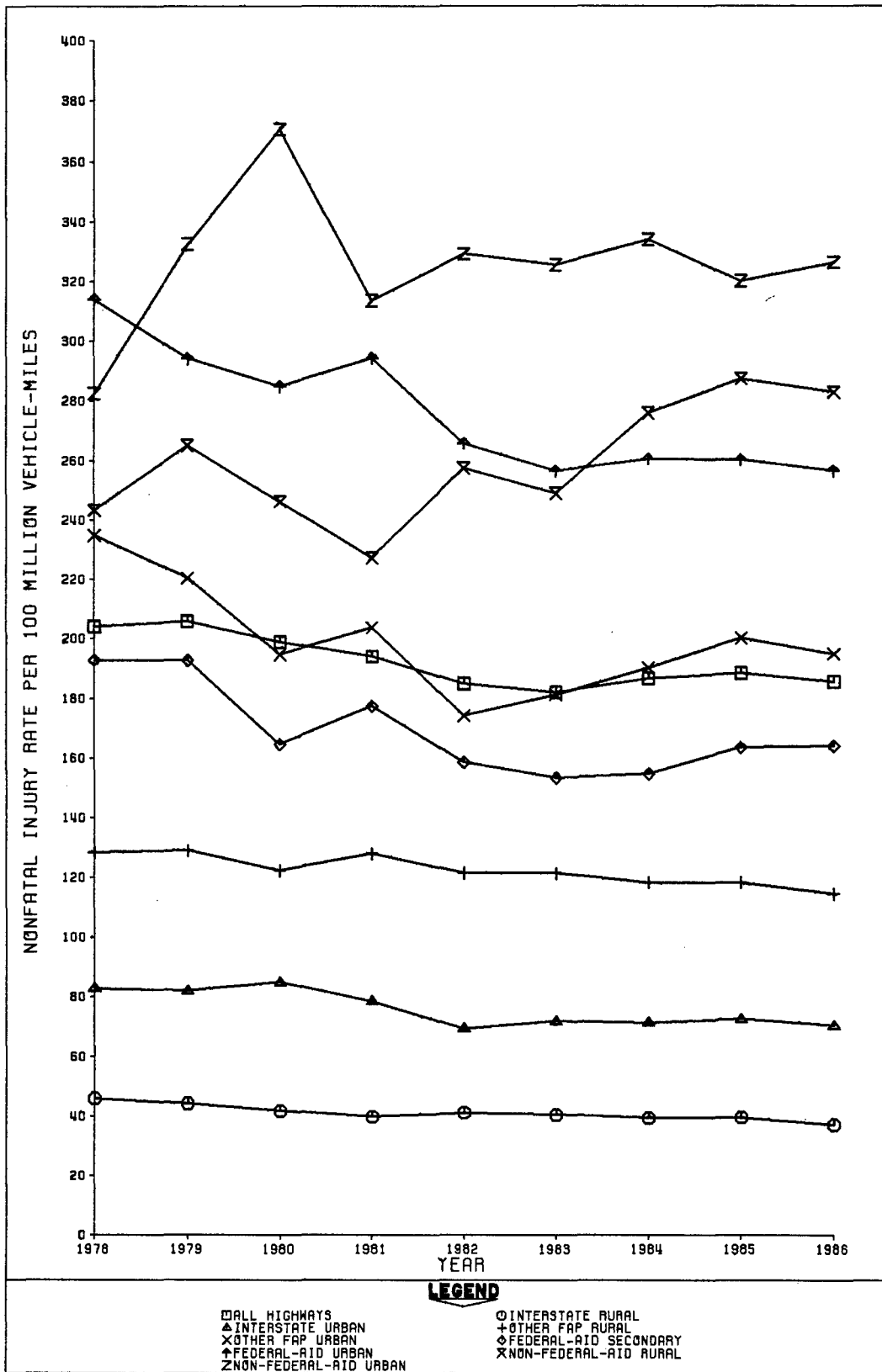
**FIGURE 3. U.S. INJURY RATES
FOR INTERSTATE AND OTHER
HIGHWAY SYSTEMS (1967 - 1986)**



**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

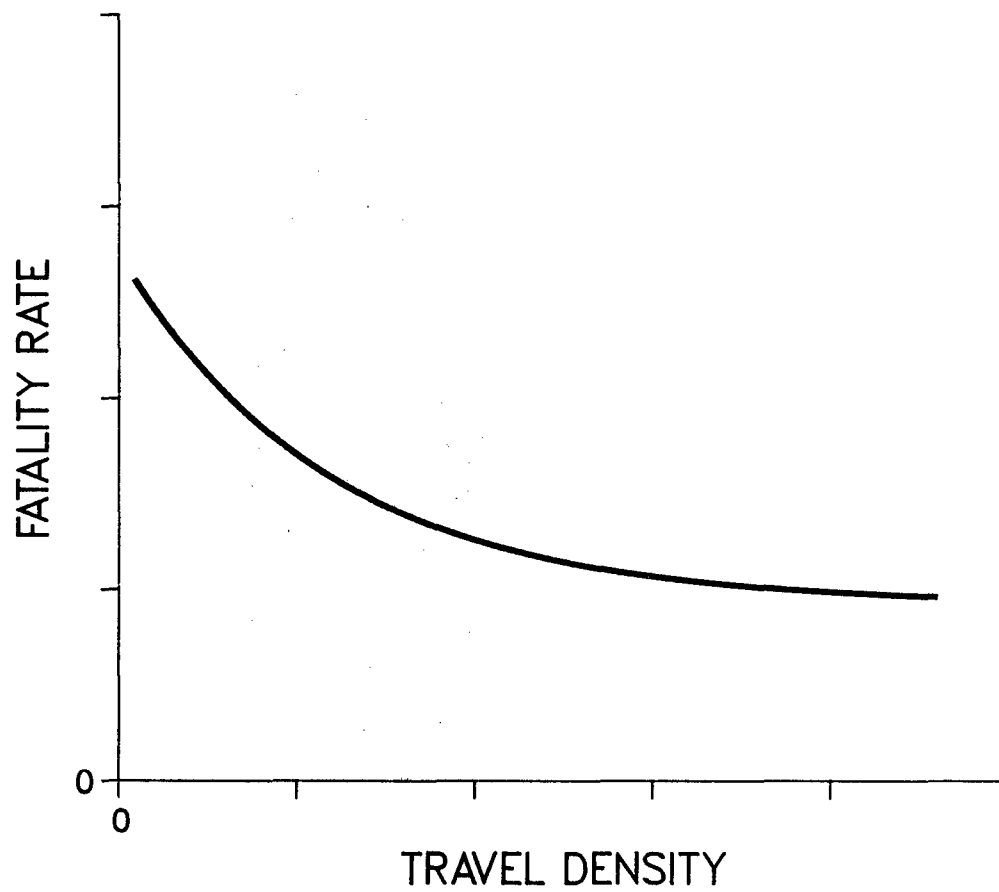
This report was prepared to help meet the need for statistical data to be used in comparing and evaluating the highway safety performance of the States. Those who use the report should be aware of some of the strengths and weaknesses of the data. For the most part, the data have been submitted by State 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		VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS											
				NUMBER				RATE 1/	NUMBER	RATE 1/									
COMPLETE DATA																			
ALABAMA	521	3,379	14,907	62	1.83	COMPLETE DATA	258	2,981	31,656	24	0.81								
ALASKA	1,047	700	1,832	24	3.43	ALABAMA	42	442	28,832	10	2.26								
ARIZONA	1,044	4,309	11,308	56	2.23	ALASKA	117	1,925	45,077	23	1.19								
ARKANSAS	1,416	2,064	13,496	25	1.21	ARIZONA	123	1,269	28,934	8	0.62								
CALIFORNIA	1,415	10,504	20,324	192	1.83	ARKANSAS	973	41,482	116,803	259	0.82								
COLORADO	760	2,810	10,130	59	2.10	CALIFORNIA	164	3,273	54,678	36	1.10								
CONNECTICUT	108	1,225	31,076	12	0.98	COLORADO	232	5,828	68,824	44	0.75								
DELAWARE	-	-	-	-	-	CONNECTICUT	41	5,839	56,064	5	0.60								
DIST. OF COL.	-	-	-	-	-	DELAWARE	341	8,610	69,176	77	0.89								
GEORGIA	891	6,918	21,272	67	0.97	GEORGIA	32	888	76,027	3	0.34								
HAWAII	5	70	38,356	2	2.86	HAWAII	71	411	15,860	9	2.19								
IDAHO	534	1,222	6,270	25	2.05	IDAHO	487	10,829	60,921	79	0.73								
ILLINOIS	1,306	5,968	12,520	48	0.80	ILLINOIS	131	1,075	22,482	8	0.74								
IOWA	653	2,647	11,106	12	0.45	IOWA	164	1,662	27,765	19	1.14								
KANSAS	656	1,865	7,789	17	0.91	KANSAS	163	2,627	44,155	24	0.91								
KENTUCKY	579	3,881	18,364	32	0.82	KENTUCKY	179	3,436	52,590	24	0.70								
LOUISIANA	532	3,555	18,308	43	1.21	LOUISIANA	39	305	21,426	7	2.30								
MAINE	276	1,229	12,200	9	0.73	MAINE	224	6,927	84,724	49	0.71								
MARYLAND	165	2,258	37,493	19	0.84	MARYLAND	431	9,068	57,642	57	0.63								
MICHIGAN	707	4,814	18,655	13	0.27	MICHIGAN	201	3,827	52,164	24	0.63								
MINNESOTA	688	2,105	8,382	9	0.43	MINNESOTA	122	1,098	24,658	15	1.37								
MISSISSIPPI	564	2,236	10,862	32	1.43	MISSISSIPPI	324	6,415	54,245	61	0.95								
MISSOURI	836	4,327	14,180	51	1.18	MISSOURI	46	142	8,457	1	0.70								
MONTANA	1,141	1,490	3,578	28	1.88	MONTANA	37	579	42,873	6	1.04								
NEBRASKA	444	1,524	9,404	12	0.79	NEBRASKA	42	533	41,292	8	1.26								
NEVADA	503	1,200	6,536	22	1.83	NEVADA	42	540	35,225	8	1.48								
NEW HAMPSHIRE	179	1,098	16,806	9	0.82	NEW HAMPSHIRE	260	7,570	79,768	53	0.70								
NEW JERSEY	128	1,770	37,885	6	0.34	NEW JERSEY	88	846	26,339	18	2.13								
NEW MEXICO	857	2,798	8,415	58	2.07	NEW MEXICO	639	11,969	51,317	99	0.83								
NEW YORK	911	4,855	15,521	31	0.64	NEW YORK	201	2,572	35,058	35	1.36								
NORTH CAROLINA	529	4,659	21,463	40	0.86	NORTH CAROLINA	42	149	9,720	2	1.34								
NORTH DAKOTA	870	7,45	22,274	41	0.81	NORTH DAKOTA	690	12,168	48,314	90	0.74								
OHIO	724	3,323	12,575	38	1.14	OHIO	203	2,720	36,710	32	1.18								
OKLAHOMA	584	2,879	13,506	35	1.22	OKLAHOMA	132	2,252	46,741	12	0.53								
PENNSYLVANIA	1,164	6,956	16,372	59	0.85	PENNSYLVANIA	360	5,739	43,676	38	0.66								
RHODE ISLAND	21	153	19,961	2	1.31	RHODE ISLAND	49	829	46,352	13	1.57								
SOUTH CAROLINA	674	4,289	17,434	52	1.21	SOUTH CAROLINA	115	1,532	36,498	17	1.11								
SOUTH DAKOTA	636	1,227	5,286	5	1.21	SOUTH DAKOTA	42	170	11,089	0	0.00								
TENNESSEE	788	5,441	18,917	53	0.41	TENNESSEE	269	4,243	43,214	55	1.30								
TEXAS	2,256	10,673	12,961	164	0.97	TEXAS	925	22,419	66,402	293	1.31								
UTAH	745	1,667	6,130	41	1.54	UTAH	132	1,879	39,000	15	0.80								
VIRGINIA	765	5,313	19,028	40	0.75	VIRGINIA	286	6,602	62,804	40	0.61								
WASHINGTON	508	3,052	16,460	26	0.85	WASHINGTON	241	6,213	70,630	29	0.47								
WEST VIRGINIA	389	1,797	12,656	14	0.78	WEST VIRGINIA	90	6,768	23,988	9	1.14								
WISCONSIN	466	2,728	16,039	15	0.55	WISCONSIN	112	2,018	49,364	2	0.10								
WYOMING	854	1,430	4,534	27	1.89	WYOMING	50	145	7,945	9	6.21								
SUBTOTAL	30,549	146,236	13,115	1,673	1.14	SUBTOTAL	9,954	209,964	57,790	1,749	0.83								
INCOMPLETE DATA						INCOMPLETE DATA													
FLORIDA						FLORIDA													
INDIANA						INDIANA													
MASSACHUSETTS						MASSACHUSETTS													
VERMONT						VERMONT													
1/ 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				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 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	5,841	7,075	3,319	135	1.91	852	4,315	13,875	31	0.72	
ALASKA	1,011	1,446	1,209	7	1.57	32	1,189	15,182	4	2.12	
ARIZONA	3,585	3,368	2,504	155	4.60	265	1,297	13,409	57	4.39	
ARKANSAS	4,714	4,897	2,846	166	3.84	472	1,830	10,522	34	1.86	
CALIFORNIA	9,576	19,220	5,499	739	3.39	1,492	31,512	57,865	335	1.06	
COLORADO	3,877	3,851	2,721	94	2.44	439	2,913	18,180	59	2.03	
CONNECTICUT	689	1,970	7,933	43	2.18	582	4,029	18,966	78	1.94	
DELAWARE	334	1,560	12,796	34	2.18	98	849	23,735	9	1.06	
DIST. OF COL.						1,470	8,539	15,915	190	2.23	
GEORGIA	8,600	10,098	3,217	351	3.48	124	1,395	30,822	14	1.00	
HAWAII	387	991	7,016	28	2.83	46	1,385	11,435	1	0.52	
IDAHO	2,619	1,768	1,849	64	3.62	1,920	12,506	17,845	268	2.14	
ILLINOIS	7,850	8,895	3,104	262	2.95	707	2,226	8,626	32	1.44	
IOWA	8,133	6,019	2,028	143	2.38	339	1,475	11,921	26	1.76	
KANSAS	7,734	5,217	1,848	152	2.91	473	2,843	16,467	38	1.34	
KENTUCKY	3,305	5,190	4,302	153	2.95	485	3,445	19,461	68	1.97	
LOUISIANA	2,661	4,620	4,757	184	3.98	183	782	11,707	17	2.17	
MAINE	1,825	2,724	4,089	52	1.91	544	4,995	25,156	109	2.18	
MARYLAND	1,650	5,614	9,322	146	2.60	1,003	12,281	33,546	106	0.86	
MICHIGAN	6,275	11,478	5,011	146	2.16	584	3,253	15,261	38	1.17	
MINNESOTA	8,729	7,188	2,256	248	1.91	352	1,532	11,924	44	2.87	
MISSISSIPPI	5,370	5,068	2,586	254	5.01	537	3,907	19,933	68	1.74	
MISSOURI	6,273	7,923	3,460	273	3.45	108	372	9,437	10	2.69	
MONTANA	5,355	2,299	1,176	83	3.61	262	1,269	13,270	22	1.73	
NEBRASKA	5,933	3,818	1,509	95	2.49	58	511	24,138	4	0.78	
NEVADA	1,788	1,148	1,759	50	4.36	171	891	14,275	12	1.35	
NEW HAMPSHIRE	821	1,939	5,528	37	1.91	649	6,480	27,355	157	2.42	
NEW JERSEY	3,366	3,308	11,039	100	3.02	190	863	12,444	25	2.90	
NEW MEXICO	6,435	2,798	2,277	107	3.82	2,009	21,192	28,900	298	1.41	
NEW YORK	3,455	9,851	4,194	276	2.80	658	5,279	21,980	74	1.40	
NORTH CAROLINA	3,845	8,311	5,922	241	2.90	129	425	9,026	9	2.12	
NORTH DAKOTA	5,406	1,738	881	33	1.90	1,587	7,693	13,281	133	1.73	
OHIO	5,045	9,142	4,965	214	2.34	432	2,010	12,747	41	2.04	
OKLAHOMA	4,874	5,466	3,072	147	2.69	400	2,600	17,808	32	1.23	
OREGON	4,663	4,975	2,923	187	3.76	2,140	18,652	23,879	295	1.58	
PENNSYLVANIA	7,773	14,532	5,122	435	2.99	235	3,312	3,637	17	5.45	
RHODE ISLAND	161	325	5,531	14	4.31	713	4,127	15,858	58	1.41	
SOUTH CAROLINA	4,958	7,097	3,922	263	3.71	110	437	10,884	2	0.46	
SOUTH DAKOTA	5,691	2,163	1,041	53	2.45	884	5,817	18,028	129	2.22	
TENNESSEE	5,227	7,677	4,024	285	3.71	1,847	16,744	24,837	274	1.64	
TEXAS	14,859	21,065	3,884	543	2.58	1,102	13,430	13,430	9	1.80	
UTAH	2,522	1,250	1,250	62	3.85	605	4,286	19,409	74	1.73	
VIRGINIA	4,755	9,395	5,413	297	3.16	545	4,413	18,745	51	1.16	
WASHINGTON	4,394	5,074	3,164	138	2.72	193	950	13,486	22	2.32	
WEST VIRGINIA	2,258	3,190	3,871	139	4.36	935	5,032	14,745	42	0.83	
WISCONSIN	8,249	10,619	3,527	245	2.31	127	407	8,780	7	1.72	
WYOMING	2,854	1,438	1,380	47	3.27						
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											
1/ 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 1/	NUMBER
COMPLETE DATA					COMPLETE DATA					
ALABAMA	1,515	3,775	6,827	45	ALABAMA	1,230	1,299	2,893	66	
ALASKA	79	504	17,479	6	ALASKA	156	188	3,302	5	
ARIZONA	2,377	4,704	5,422	261	ARIZONA	714	929	3,565	7	
ARKANSAS	833	1,543	5,075	45	ARKANSAS	288	159	1,513	4	
CALIFORNIA	12,319	58,986	13,118	1,706	CALIFORNIA	4,780	5,725	3,281	145	
COLORADO	1,733	5,760	9,106	95	COLORADO	551	455	2,262	198	
CONNECTICUT	1,232	4,185	9,307	89	CONNECTICUT	1,726	1,984	3,149	51	
DELAWARE	157	4,704	12,285	18	DELAWARE	148	294	5,442	7	
GEORGIA	2,142	6,612	8,457	189	GEORGIA	1,826	2,289	3,434	67	
HAWAII	140	825	16,145	24	HAWAII	178	424	6,526	142	
IDAHO	442	1,178	7,302	17	IDAHO	283	220	2,130	2	
ILLINOIS	3,623	14,415	10,901	268	ILLINOIS	3,079	5,998	5,337	100	
IOWA	1,447	2,340	4,431	25	IOWA	965	1,797	1,797	126	
KANSAS	1,084	2,909	7,100	31	KANSAS	484	306	1,732	8	
KENTUCKY	1,090	3,703	5,308	52	KENTUCKY	761	1,191	4,288	17	
LOUISIANA	1,322	3,935	6,155	94	LOUISIANA	753	896	3,217	38	
MAINE	347	984	7,769	3	MAINE	360	341	2,595	1	
MARYLAND	1,438	8,011	15,263	146	MARYLAND	686	1,377	5,499	38	
MICHIGAN	4,257	15,657	10,077	379	MICHIGAN	1,153	2,069	4,916	37	
MINNESOTA	1,552	5,694	10,052	44	MINNESOTA	640	696	2,979	5	
MISSISSIPPI	942	1,986	5,776	47	MISSISSIPPI	749	627	2,979	15	
MISSOURI	1,805	7,050	10,701	143	MISSOURI	551	614	3,053	7	
MONTANA	231	520	6,167	10	MONTANA	91	87	2,619	2	
NEBRASKA	649	1,811	7,645	24	NEBRASKA	404	441	2,991	2	
NEVADA	465	2,227	13,121	55	NEVADA	92	168	5,003	1	
NEW HAMPSHIRE	385	986	7,017	14	NEW HAMPSHIRE	337	303	2,463	9	
NEW JERSEY	3,539	14,506	11,230	341	NEW JERSEY	1,808	2,958	4,482	55	
NEW MEXICO	463	1,997	11,817	62	NEW MEXICO	143	280	5,364	15	
NEW YORK	5,173	20,730	10,979	591	NEW YORK	3,529	4,831	3,751	74	
NORTH CAROLINA	2,353	9,323	10,855	164	NORTH CAROLINA	305	352	3,162	10	
NORTH DAKOTA	260	432	4,552	3	NORTH DAKOTA	203	173	2,335	1	
OHIO	3,617	10,354	7,843	237	OHIO	4,108	3,786	2,525	115	
OKLAHOMA	2,237	6,188	7,579	67	OKLAHOMA	741	664	2,455	13	
OREGON	1,067	3,126	8,027	94	OREGON	916	981	2,934	11	
PENNSYLVANIA	3,833	8,744	6,250	225	PENNSYLVANIA	3,150	4,293	3,734	40	
RHODE ISLAND	493	2,075	11,531	36	RHODE ISLAND	446	249	1,530	9	
SOUTH CAROLINA	637	2,354	10,125	58	SOUTH CAROLINA	532	770	3,965	26	
SOUTH DAKOTA	280	351	3,434	4	SOUTH DAKOTA	99	65	1,799	1	
TENNESSEE	1,325	5,105	10,556	133	TENNESSEE	1,759	2,031	3,163	63	
TEXAS	6,025	23,174	10,538	281	TEXAS	1,549	1,624	2,872	0	
UTAH	533	2,171	13,935	58	UTAH	387	1,770	5,451	13	
VIRGINIA	2,010	9,706	13,230	163	VIRGINIA	1,337	1,790	3,668	36	
WASHINGTON	2,216	8,176	10,108	134	WASHINGTON	1,682	2,078	3,385	41	
WEST VIRGINIA	385	1,156	8,225	19	WEST VIRGINIA	400	468	2,305	5	
WISCONSIN	2,061	5,501	7,313	73	WISCONSIN	810	689	2,330	7	
WYOMING	241	407	4,527	9	WYOMING	270	196	1,989	4	
SUBTOTAL	82,354	297,020	9,881	6,602	SUBTOTAL	47,159	58,761	3,413	1,190	
INCOMPLETE DATA					INCOMPLETE DATA					
DIST. OF COL.					DIST. OF COL.					
FLORIDA					FLORIDA					
INDIANA					INDIANA					
MASSACHUSETTS					MASSACHUSETTS					
VERMONT					VERMONT					
1/ 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 MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL 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		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA											
ALABAMA	1	1	2,740	0	0.00	222	474	5,850	6	1.27	
ALASKA	-	-	-	-	-	-	-	2,740	0	0.00	
ARIZONA	17	19	3,062	1	5.26	26	96	10,116	0	0.00	
ARKANSAS	362	194	1,468	8	4.12	411	465	3,100	15	3.23	
CALIFORNIA	16	16	2,740	4	25.00	1,287	3,338	7,106	91	2.73	
COLORADO	5	2	1,096	0	0.00	27	4	406	0	0.00	
CONNECTICUT	9	20	6,088	1	5.00	41	203	13,565	2	0.59	
DELAWARE	1	1	2,740	0	0.00	4	13	685	0	0.00	
DIST. OF COL.	-	-	-	-	-	11	12	3,238	0	0.00	
GEORGIA	-	-	-	-	-	54	108	16,438	0	0.00	
HAWAII	10	19	5,205	0	0.00	2	12	5,479	0	0.00	
IDAHO	1	1	2,740	0	0.00	40	133	9,110	1	0.93	
ILLINOIS	-	-	-	-	-	9	4	1,218	0	0.00	
INDIANA	-	-	-	-	-	215	658	8,385	13	1.98	
IOWA	-	-	-	-	-	-	-	-	-	-	
KANSAS	48	68	3,881	1	1.47	292	602	5,648	2	0.33	
KENTUCKY	-	-	-	-	-	14	80	15,656	5	6.25	
LOUISIANA	9	23	7,002	7	30.43	34	10,350	1	2.94		
MAINE	40	140	9,589	3	2.14	807	453	1,538	5	1.10	
MARYLAND	-	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS	-	-	-	-	-	33	10	830	0	0.00	
MICHIGAN	-	-	-	-	-	535	1,463	7,492	17	1.16	
MINNESOTA	-	-	-	-	-	36	60	4,566	1	1.67	
MISSISSIPPI	250	54	592	2	3.70	-	-	-	-	-	
MISSOURI	51	19	1,021	1	5.26	25	100	10,959	4	4.00	
MONTANA	-	-	-	-	-	18	98	14,916	3	3.06	
NEBRASKA	-	-	-	-	-	266	3,018	31,085	22	0.73	
NEVADA	-	-	-	-	-	51	79	4,244	1	1.27	
NEW HAMPSHIRE	23	134	15,962	1	0.75	118	640	14,860	0	0.00	
NEW JERSEY	113	816	19,784	15	1.84	988	2,221	6,159	25	1.13	
NEW MEXICO	-	-	-	-	-	5	2	548	0	0.00	
NEW YORK	-	-	-	-	-	4	3	2,055	0	0.00	
NORTH CAROLINA	249	125	1,375	0	0.00	167	110	1,805	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	9	1.52	
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	156	2.69	
SOUTH DAKOTA	1	1	2,740	0	0.00	-	-	-	-	-	
TENNESSEE	3	8	7,306	2	25.00	41	34	2,272	0	0.00	
TEXAS	-	-	-	-	-	-	-	-	-	-	
UTAH	-	-	-	-	-	-	-	-	-	-	
VERMONT	-	-	-	-	-	124	680	15,024	0	0.00	
VIRGINIA	-	-	-	-	-	11	8	1,993	0	0.00	
WASHINGTON	-	-	-	-	-	-	-	-	-	-	
WEST VIRGINIA	-	-	-	-	-	128	322	6,892	1	0.31	
WISCONSIN	-	-	-	-	-	3	5	4,566	0	0.00	
WYOMING	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL	2,194	2,510	3,134	54	2.15	8,290	22,141	7,317	381	1.72	
INCOMPLETE DATA											
FLORIDA	-	-	-	-	-	-	-	-	-	-	
1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.											

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

STATE	RURAL					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 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	7,010	1,030	403	36	3.50	ALABAMA	464	481	2,840	25	5.20
ALASKA	881	155	482	2	1.29	ALASKA	54	63	3,196	2	3.17
ARIZONA	4,328	770	487	29	3.77	ARIZONA	380	570	4,110	7	1.23
ARKANSAS	11,794	383	709	73	4.42	ARKANSAS	704	296	1,152	6	2.03
CALIFORNIA	3,028	3,028	709	193	6.37	CALIFORNIA	2,627	3,083	3,215	68	2.21
COLORADO	15,976	1,591	223	46	2.89	COLORADO	613	514	2,297	11	2.14
CONNECTICUT	1,193	524	1,203	11	2.10	CONNECTICUT	188	220	3,206	8	3.64
DELAWARE	158	65	1,127	4	6.15	DELAWARE	22	19	2,366	1	5.26
DIST. OF COL.						GEORGIA	1	1	2,740	0	0.00
GEORGIA	7,300	783	294	22	2.81	HAWAII	106	82	6,164	0	0.00
HAWAII	156	176	3,091	0	0.00	IDAHO	191	185	2,119	2	2.44
IDAHO	4,661	450	285	4	0.89	ILLINOIS	73	40	2,654	1	0.54
ILLINOIS	16,392	1,194	670	53	4.44	IOWA	295	331	1,501	0	0.00
IOWA	9,404	270	79	8	4.08	KANSAS	130	104	3,074	5	1.51
KANSAS	9,352	1,728	506	92	2.96	KENTUCKY	354	366	2,192	1	0.96
KENTUCKY	4,238	1,322	843	41	5.32	LOUISIANA	32	19	2,833	0	0.00
LOUISIANA	2,802	840	821	17	3.10	MAINE	491	590	1,627	4	21.05
MAINE	1,898	721	1,041	27	2.02	MARYLAND	1,609	1,379	3,292	13	2.20
MARYLAND	7,895	1,490	517	44	3.74	MICHIGAN	1,227	1,705	2,348	16	1.16
MICHIGAN	11,875	1,015	234	34	2.95	MINNESOTA	2	1	3,807	25	1.47
MINNESOTA	2,941	275	256	12	4.36	MISSISSIPPI	838	960	1,370	0	0.00
MISSISSIPPI	5,456	361	181	16	4.43	MISSOURI	120	61	3,139	13	1.35
MISSOURI	11,346	714	172	8	1.12	MONTANA	-	-	1,393	1	1.64
MONTANA	9,249	283	84	10	3.53	NEBRASKA	339	374	3,023	8	2.14
NEBRASKA	2,465	134	149	9	6.72	NEVADA	95	156	1,174	0	0.00
NEVADA	1,244	333	733	7	2.10	NEW HAMPSHIRE	96	179	4,499	4	2.56
NEW HAMPSHIRE	1,287	927	1,973	23	2.48	NEW JERSEY	386	201	2,255	1	1.27
NEW JERSEY	2,559	251	269	19	7.57	NEW MEXICO	1,037	782	1,427	1	0.50
NEW MEXICO	10,806	4,408	1,118	120	2.72	NEW YORK	29	15	2,066	14	1.79
NORTH CAROLINA	9,342	3,423	1,004	161	4.70	NORTH CAROLINA	-	-	1,417	0	0.00
NORTH CAROLINA	8,053	231	79	7	3.03	NORTH DAKOTA	462	284	1,684	5	1.76
NORTH DAKOTA	7,324	2,200	823	64	2.91	OKLAHOMA	197	201	2,795	4	1.99
OHIO	13,319	1,403	289	7	0.50	OREGON	-	-	-	-	-
OKLAHOMA	9,040	1,143	346	15	1.31	PENNSYLVANIA	-	-	-	-	-
OREGON	8,673	2,437	770	83	3.41	RHODE ISLAND	624	379	1,664	6	1.58
PENNSYLVANIA	143	51	977	3	5.88	RHODE ISLAND	52	64	3,372	0	0.00
RHODE ISLAND	4,015	607	414	30	4.94	SOUTH CAROLINA	5	1	548	0	0.00
SOUTH CAROLINA	7,336	161	493	9	5.59	SOUTH DAKOTA	3,902	4,621	3,245	49	1.06
SOUTH DAKOTA	10,770	1,937	311	84	4.34	TENNESSEE	91	41	1,234	1	2.44
TENNESSEE	20,612	2,339	125	14	2.91	TEXAS	-	-	-	-	-
TEXAS	4,735	233	135	17	6.01	UTAH	-	-	-	-	-
UTAH	2,402	406	423	14	4.19	VERMONT	-	-	-	-	-
VIRGINIA	5,522	1,304	548	17	3.57	VIRGINIA	27	8	812	0	0.00
WASHINGTON	2,173	336	424	44	3.37	WASHINGTON	3	5	4,565	0	0.00
WEST VIRGINIA	7,236	923	249	12	3.27	WEST VIRGINIA	545	459	2,307	3	0.65
WISCONSIN	7,583	416	150	34	3.68	WISCONSIN	18	12	1,826	0	0.00
WYOMING				13	3.13	WYOMING					
SUBTOTAL	310,580	46,700	412	1,652	3.54	SUBTOTAL	18,440	18,764	2,788	305	1.63
INCOMPLETE DATA						INCOMPLETE DATA					
FLORIDA						FLORIDA					
INDIANA						INDIANA					
MASSACHUSETTS						MASSACHUSETTS					
VERMONT						VERMONT					
1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.											

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

STATE	RURAL				STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS						
				NUMBER		RATE 1/				
COMPLETE DATA					COMPLETE DATA					
ALABAMA	48,459	3,024	171	267	8.83	10,101	2,124	576	163	7.67
ALASKA	7,146	404	155	12	2.97	1,339	446	913	4	0.90
ARIZONA	54,715	1,613	81	135	8.43	5,347	1,334	576	46	3.45
ARKANSAS	44,971	1,045	64	59	5.65	4,756	811	350	14	2.25
CALIFORNIA	73,912	7,337	272	222	3.03	43,913	23,438	1,482	288	1.22
COLORADO	41,375	780	292	22	2.82	6,367	3,524	1,756	26	0.91
CONNECTICUT	5,029	85	32	22	2.54	6,757	1,853	1,433	32	1.22
DELAWARE	2,695	427	434	18	4.22	14,002	4,586	1,165	2	0.44
DIST. OF COL.						14,004	4,525	3,839	139	2.88
GEORGIA	55,975	2,820	138	81	2.87	1,382	146	289	7	0.55
HAWAII	1,650	484	804	10	2.07	21,755	6,784	854	4	2.74
IDAHO	57,154	1,026	45	53	5.17	5,253	1,113	576	15	2.03
ILLINOIS	76,707	3,313	118	85	2.57	6,135	1,481	661	15	1.35
IOWA	65,205	1,438	60	39	2.71	4,916	1,740	970	26	0.81
KANSAS	83,473	1,225	40	55	4.49	8,814	892	277	24	1.49
KENTUCKY	41,575	1,894	125	89	4.70	8,314	1,435	395	13	2.69
LOUISIANA	31,169	2,037	179	80	3.24	17,675	3,545	549	34	6.28
MAINE	11,885	864	199	28	3.93	10,451	1,065	279	22	2.79
MARYLAND	10,425	1,098	289	51	4.64	9,758	2,553	717	99	0.86
MICHIGAN	58,866	2,411	112	124	5.14	10,451	1,218	692	39	3.20
MINNESOTA	80,750	2,324	79	59	2.97	1,665	748	1,231	46	4.32
MISSISSIPPI	43,947	2,164	135	75	3.47	3,586	572	437	2	0.27
MISSOURI	73,584	2,955	110	71	2.40	2,220	233	505	11	2.68
MONTANA	46,825	769	45	21	2.73	1,395	10,071	458	5	2.15
NEBRASKA	59,201	1,173	54	46	3.92	15,789	10,071	1,748	58	0.58
NEVADA	34,126	268	22	9	3.36	4,179	1,154	757	20	1.73
NEW HAMPSHIRE	8,499	488	157	25	5.33	25,351	3,325	728	168	2.83
NEW JERSEY	7,553	847	307	31	3.66	12,505	258	689	1	0.39
NEW MEXICO	37,599	764	56	46	6.02	11,516	3,025	1,015	215	1.85
NEW YORK	48,517	3,862	218	129	3.34	5,709	3,985	1,015	54	1.79
NORTH CAROLINA	51,254	2,553	137	263	10.26	13,595	5,399	885	198	3.67
NORTH DAKOTA	59,954	722	33	9	1.25	6,433	1,019	255	44	7.36
OHIO	57,500	9,057	432	149	1.64	10,237	2,812	807	5	2.06
OKLAHOMA	68,277	1,756	70	113	6.44	5,709	22,080	1,005	42	2.23
OREGON	63,825	1,437	62	34	2.37	9,610	4,587	1,262	46	1.00
PENNSYLVANIA	60,946	5,421	244	133	2.45	10,617	738	1,36	5	1.74
RHODE ISLAND	35,818	1,856	749	4	1.33	1,895	4,477	1,294	25	0.56
SOUTH CAROLINA	47,072	1,548	142	149	8.03	1,078	150	381	3	2.00
SOUTH DAKOTA	41,125	1,548	32	15	2.95					
TENNESSEE	142,108	4,311	83	352	9.17					
TEXAS	142,108	4,311	83	352	9.17					
UTAH	34,035	458	49	17	3.11					
VIRGINIA	33,040	2,913	242	103	3.53					
WASHINGTON	46,410	502	130	46	3.16					
WEST VIRGINIA	20,953	784	100	43	5.63					
WISCONSIN	66,234	2,223	92	104	4.68					
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					
	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 λ	NUMBER	RATE λ
COMPLETE DATA					COMPLETE DATA						
ALABAMA	621	3,379	14,907	530	18.64	258	2,981	31,556	774	25.96	
ALASKA	1,047	1,700	11,832	357	51.00	42	1,442	28,832	268	50.53	
ARIZONA	1,044	4,309	11,308	799	18.54	117	1,925	45,077	824	42.81	
ARKANSAS	1,419	2,064	13,496	217	10.51	123	1,299	28,934	262	20.17	
CALIFORNIA	1,416	10,504	20,324	2,542	24.20	973	41,482	116,803	13,389	32.28	
COLORADO	760	2,810	10,130	944	33.59	164	3,273	54,578	1,992	50.86	
CONNECTICUT	108	1,225	31,076	391	31.92	232	5,828	68,824	2,905	49.91	
DELAWARE	-	-	-	-	-	41	839	56,064	253	30.15	
DIST. OF COL.	-	-	-	-	-	341	8,610	69,176	4,214	48.94	
GEORGIA	891	6,918	21,272	1,093	15.80	32	888	76,027	548	61.71	
HAWAII	5	70	38,356	105	150.00	71	411	15,860	122	29.68	
IDAH0	534	1,222	6,270	338	27.66	487	10,829	60,921	7,299	67.40	
ILLINOIS	1,306	5,968	12,520	1,225	20.53	131	1,075	22,482	298	27.72	
IOWA	653	2,647	11,106	410	15.49	164	1,662	27,765	966	58.12	
KANSAS	656	1,865	7,789	411	22.04	163	2,627	44,155	1,036	39.44	
KENTUCKY	579	3,881	18,364	638	16.44	179	3,436	52,590	1,858	54.07	
LOUISIANA	532	3,555	18,308	927	25.08	39	305	21,426	197	54.59	
MAINE	276	1,229	12,200	388	31.57	224	6,927	84,724	2,234	32.25	
MARYLAND	165	2,258	37,493	546	28.61	431	9,068	57,642	4,264	47.02	
MICHIGAN	707	4,814	18,655	2,460	51.10	201	3,827	52,164	1,313	34.31	
MINNESOTA	688	2,105	8,382	227	10.78	122	1,098	24,658	299	27.23	
MISSISSIPPI	564	2,236	10,862	302	13.51	46	142	8,457	26	18.31	
MONTANA	1,141	1,490	3,578	375	25.17	37	579	42,873	348	60.10	
NEBRASKA	444	1,524	9,404	230	15.09	42	633	41,292	589	93.05	
NEVADA	503	1,200	6,536	382	31.83	42	540	35,225	71	13.15	
NEW HAMPSHIRE	179	1,098	16,806	184	15.76	260	7,570	79,768	3,391	44.80	
NEW JERSEY	128	1,770	37,885	231	13.05	88	8,26	26,339	628	74.23	
NEW MEXICO	911	2,798	8,415	767	27.41	639	11,969	51,317	7,571	63.26	
NEW YORK	857	4,855	15,521	2,409	49.62	201	2,572	35,058	565	25.86	
NORTH CAROLINA	596	4,659	21,463	1,158	24.80	42	149	9,720	41	27.52	
NORTH DAKOTA	529	7,073	22,274	1,272	17.98	690	12,168	48,314	5,790	47.58	
OHIO	970	3,323	12,575	427	12.85	203	2,720	36,710	1,364	50.15	
OKLAHOMA	724	2,823	13,506	546	18.96	132	2,252	46,741	1,089	48.36	
PENNSYLVANIA	584	2,879	16,372	1,158	27.53	360	5,739	43,576	2,568	44.75	
RHODE ISLAND	1,164	6,956	16,372	1,915	22	49	829	46,352	532	54.17	
SOUTH CAROLINA	21	153	19,961	22	14.38	115	1,532	35,498	482	31.46	
SOUTH DAKOTA	674	4,289	17,434	408	9.51	42	1,170	11,089	61	35.88	
TENNESSEE	636	1,227	5,286	234	19.07	269	4,243	43,214	2,107	49.66	
TEXAS	788	5,441	18,917	928	17.06	925	22,419	65,402	16,477	73.50	
UTAH	2,256	10,673	12,961	2,541	23.81	132	1,879	59,000	844	44.92	
VIRGINIA	745	1,667	6,130	544	32.63	288	6,602	62,804	2,228	33.75	
WASHINGTON	765	5,313	19,028	1,292	24.32	241	6,213	70,630	3,087	49.69	
WEST VIRGINIA	508	3,052	16,460	785	25.75	90	788	23,988	327	41.50	
WISCONSIN	389	1,797	12,656	366	20.37	112	2,018	49,364	1,059	52.48	
WYOMING	466	2,728	16,039	560	20.53	50	145	7,945	79	54.48	
WYOMING	854	1,430	4,534	531	37.13						
SUBTOTAL	29,713	141,909	13,067	33,304	23.47	9,630	203,549	57,909	96,743	47.53	
INCOMPLETE DATA											
FLORIDA											
INDIANA											
MASSACHUSETTS											
MISSOURI											
VERMONT											
λ 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					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 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5,841	7,075	3,319	3,740	52.86	ALABAMA	852	4,315	13,875	2,806	65.03
ALASKA	1,011	446	1,209	181	40.58	ALASKA	32	189	16,182	183	96.83
ARIZONA	3,368	3,368	2,504	1,170	34.74	ARIZONA	265	1,297	13,409	2,703	208.40
ARKANSAS	4,714	4,897	2,846	1,483	30.28	ARKANSAS	432	1,830	10,622	1,273	69.56
CALIFORNIA	9,576	19,220	5,499	11,194	58.24	CALIFORNIA	1,432	31,512	57,865	17,084	54.21
COLORADO	3,877	3,851	2,721	1,983	51.49	COLORADO	439	2,913	18,180	4,724	162.17
CONNECTICUT	689	1,970	7,833	1,801	91.42	CONNECTICUT	582	4,029	18,966	6,340	157.36
DELAWARE	334	1,560	12,796	843	54.04	DELAWARE	98	849	23,735	1,228	144.64
DIST. OF COL.						GEORGIA	1,470	8,539	15,915	14,040	164.42
GEORGIA	8,600	10,098	3,217	6,599	56.34	HAWAII	124	1,395	30,822	1,603	114.91
HAWAII	387	991	7,016	765	77.19	IDAHO	46	192	17,435	208	108.33
IDAHO	2,619	1,768	1,849	1,088	61.54	ILLINOIS	1,920	12,506	17,845	25,796	206.27
ILLINOIS	7,850	8,895	3,104	2,140	59.93	IOWA	707	2,256	8,626	3,549	159.43
IOWA	8,133	6,019	2,028	2,605	43.03	KANSAS	339	1,475	11,921	2,305	156.27
KANSAS	7,734	5,217	1,848	2,176	41.71	KENTUCKY	473	2,843	16,467	3,626	127.54
KENTUCKY	3,305	5,190	4,302	3,573	68.84	KENTUCKY	485	3,445	19,461	6,442	187.00
LOUISIANA	2,661	4,620	4,757	3,114	72.10	LOUISIANA	183	782	11,707	1,608	205.53
MAINE	1,825	2,724	4,089	1,964	77.40	MAINE	544	4,995	25,156	8,556	173.59
MARYLAND	1,650	5,614	9,322	4,407	111.99	MARYLAND	1,003	12,281	33,546	8,216	166.90
MICHIGAN	6,275	11,478	5,011	12,854	111.99	MICHIGAN	584	3,253	15,261	3,571	109.78
MINNESOTA	8,729	7,188	2,256	3,166	44.05	MINNESOTA	352	1,532	11,924	2,032	132.64
MISSISSIPPI	5,370	5,068	2,586	2,500	49.33	MISSISSIPPI	108	372	9,437	83	192.99
MISSISSIPPI	5,355	2,299	1,176	1,224	53.24	MONTANA	262	1,259	13,270	2,449	182.59
MONTANA	6,933	3,818	1,509	1,416	37.09	NEBRASKA	58	511	24,138	313	61.25
NEBRASKA	1,788	1,148	1,759	509	44.34	NEVADA	171	891	14,275	912	102.36
NEVADA	961	1,939	5,528	1,068	55.08	NEW HAMPSHIRE	649	6,480	27,355	13,094	202.07
NEW HAMPSHIRE	821	3,308	11,039	3,377	102.09	NEW JERSEY	190	863	12,444	1,800	208.57
NEW JERSEY	3,366	2,798	2,277	1,148	41.03	NEW MEXICO	2,009	21,192	28,900	27,938	131.83
NEW MEXICO	6,435	9,851	4,194	21,283	216.05	NEW YORK	658	5,279	21,980	4,195	79.47
NEW YORK	3,845	8,311	5,922	5,177	62.29	NORTH CAROLINA	129	425	9,026	666	156.71
NORTH CAROLINA	5,406	1,738	881	541	31.13	NORTH DAKOTA	1,587	7,693	13,281	14,431	187.59
NORTH DAKOTA	5,406	9,142	4,965	6,263	68.51	OHIO	432	2,010	12,747	1,693	84.23
OKLAHOMA	4,874	5,456	3,072	1,865	34.12	OKLAHOMA	400	2,600	17,808	3,760	144.62
OREGON	4,663	4,975	2,923	3,041	61.13	PENNSYLVANIA	2,140	18,652	23,879	17,520	93.93
PENNSYLVANIA	7,773	14,532	5,122	12,544	86.32	RHODE ISLAND	235	312	3,637	1,796	575.64
RHODE ISLAND	161	325	5,531	201	61.85	RHODE ISLAND	713	4,127	15,858	4,921	119.24
SOUTH CAROLINA	4,958	7,097	3,922	3,681	51.87	SOUTH CAROLINA	110	437	10,884	798	182.61
SOUTH CAROLINA	5,691	2,163	1,041	5,138	34.40	TENNESSEE	884	5,817	18,028	9,476	162.90
TENNESSEE	3,227	7,157	4,024	8,138	56.93	TEXAS	1,847	16,744	24,837	17,857	102.65
TEXAS	14,859	21,065	3,884	8,660	41.11	UTAH	102	500	13,430	610	122.00
UTAH	2,522	1,611	1,750	914	56.73	VERMONT	187	4,286	19,409	6,043	140.99
VIRGINIA	4,755	9,395	5,413	7,122	75.81	VIRGINIA	645	4,413	18,745	3,817	86.49
WASHINGTON	4,394	5,074	3,164	3,161	62.30	WASHINGTON	193	4,950	13,486	1,438	151.37
WEST VIRGINIA	2,258	3,190	3,871	3,749	117.52	WEST VIRGINIA	935	5,032	14,745	6,967	138.45
WISCONSIN	8,249	10,619	3,527	5,511	51.90	WISCONSIN	127	407	8,780	482	118.43
WYOMING	2,854	1,438	1,380	509	35.40	WYOMING	127	407	8,780	482	118.43
SUBTOTAL	208,058	256,236	3,374	172,292	67.24	SUBTOTAL	27,651	213,660	21,170	261,052	122.18
INCOMPLETE DATA						INCOMPLETE DATA					
FLORIDA						FLORIDA					
INDIANA						INDIANA					
MASSACHUSETTS						MASSACHUSETTS					
MISSOURI						MISSOURI					
VERMONT						VERMONT					
1/ 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				STATE	COLLECTOR					
	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 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	1,515	3,775	6,827	4,115	109.01	1,230	1,299	2,893	3,288	253.12	
ALASKA	79	504	17,479	984	195.24	156	188	3,302	147	142.55	
ARIZONA	2,377	4,704	5,422	11,806	250.98	714	929	3,565	1,109	119.38	
ARKANSAS	833	1,543	5,075	1,584	102.66	288	159	1,513	1,157	98.74	
CALIFORNIA	12,319	58,986	13,118	106,673	180.84	4,780	5,725	3,281	8,874	155.00	
COLORADO	1,733	5,760	9,106	10,322	179.20	1,591	1,455	2,262	1,251	122.22	
CONNECTICUT	1,232	4,185	9,207	10,457	250.82	1,726	1,984	2,149	4,633	233.52	
DELAWARE	1,157	704	12,295	1,387	197.02	148	234	5,442	431	146.60	
GEORGIA	2,142	6,612	6,437	9,271	140.21	1,826	2,289	3,434	2,750	120.14	
HAWAII	140	825	15,145	1,835	222.42	178	424	6,526	735	173.35	
IDAHO	442	1,178	7,302	1,910	162.14	283	220	2,130	322	146.36	
ILLINOIS	3,623	14,415	10,901	29,409	204.02	3,079	5,998	5,337	11,377	189.68	
IOWA	1,447	2,340	4,431	3,704	158.29	965	633	1,797	1,230	194.31	
KANSAS	1,084	2,609	7,100	5,311	189.07	484	306	1,732	490	160.13	
KENTUCKY	1,090	3,703	9,308	6,838	184.66	761	1,191	4,288	1,774	148.95	
LOUISIANA	1,322	3,935	8,155	6,759	171.77	763	896	3,217	1,80	20.09	
MAINE	347	984	7,769	2,083	211.69	360	341	2,595	630	184.75	
MARYLAND	1,438	8,011	15,263	15,939	198.96	686	1,377	5,499	2,870	208.42	
MICHIGAN	4,257	15,657	10,077	7,704	49.20	1,153	2,069	4,916	1,926	93.09	
MINNESOTA	1,552	5,694	10,052	8,525	149.72	640	627	2,293	963	143.10	
MISSISSIPPI	942	1,986	5,776	2,886	145.32	749	627	2,293	963	153.59	
MONTANA	231	520	6,167	324	62.31	91	87	2,619	115	132.18	
NEBRASKA	649	1,811	7,645	4,480	247.38	404	441	2,991	1,002	227.21	
NEVADA	465	2,227	13,121	5,293	237.67	92	168	5,003	209	124.40	
NEW HAMPSHIRE	385	986	7,017	1,772	179.72	337	303	2,463	543	179.21	
NEW JERSEY	3,539	14,506	11,230	43,372	298.99	1,808	2,958	4,462	8,753	295.91	
NEW MEXICO	463	1,997	11,817	5,171	258.94	143	280	5,364	363	129.64	
NEW YORK	5,173	20,730	10,979	43,004	207.45	3,529	4,831	3,751	6,252	129.41	
NORTH DAKOTA	260	432	4,552	648	150.00	203	173	2,335	273	157.80	
OHIO	3,617	10,354	7,843	25,250	243.87	4,108	3,786	2,525	11,182	295.35	
OKLAHOMA	2,237	6,188	7,579	7,659	123.77	741	664	2,455	744	112.05	
OREGON	1,067	3,126	8,027	7,989	255.57	916	981	2,934	2,251	229.45	
PENNSYLVANIA	3,833	8,744	6,250	17,704	202.47	3,150	4,293	3,730	3,181	74.10	
RHODE ISLAND	493	2,075	11,531	3,233	155.81	446	249	1,530	792	318.07	
SOUTH CAROLINA	637	2,354	10,125	3,558	143.59	532	770	3,965	1,004	130.32	
SOUTH DAKOTA	280	351	3,434	504	199.71	98	65	1,799	90	128.45	
TENNESSEE	1,325	5,105	10,556	10,195	199.71	1,759	2,031	3,163	3,437	165.23	
TEXAS	6,025	23,174	10,538	22,233	95.94	1,549	1,524	2,872	1,58	9.73	
UTAH	533	2,711	13,235	5,594	206.34	387	1,770	5,451	1,461	189.74	
VIRGINIA	2,010	8,706	13,230	16,902	174.14	1,337	1,790	3,668	3,140	175.42	
WASHINGTON	2,216	8,176	10,108	9,550	116.81	1,682	2,078	3,585	2,853	137.30	
WEST VIRGINIA	385	1,156	9,226	2,196	189.97	400	468	3,205	344	73.50	
WISCONSIN	2,061	5,501	7,313	3,867	70.30	810	589	2,330	916	132.95	
WYOMING	241	407	4,627	368	90.42	270	196	1,989	213	108.67	
SUBTOTAL	78,196	280,647	9,833	490,508	174.78	46,313	57,795	3,419	94,835	164.09	
INCOMPLETE DATA											
DIST. OF COL.											
FLORIDA											
INDIANA											
MASSACHUSETTS											
MISSOURI											
NORTH CAROLINA											
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 ^{1/}
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					
^{1/} 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 1/	NUMBER	RATE 1/
COMPLETE DATA											
ALABAMA	1	1	2,740	0	0.00	222	474	5,950	586	123.63	
ALASKA	-	-	-	-	-	1	1	2,740	0	0.00	
ARIZONA	17	19	3,062	8	42.11	26	96	10,116	53	55.21	
ARKANSAS	362	194	1,468	44	22.68	411	465	3,100	225	48.39	
CALIFORNIA	16	16	2,740	72	450.00	1,287	3,338	7,106	5,237	156.89	
COLORADO	5	12	1,096	0	0.00	27	4	406	0	0.00	
CONNECTICUT	9	20	6,088	25	125.00	41	203	13,565	197	97.04	
DELAWARE	1	1	2,740	0	0.00	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	
IDAH0	1	1	2,740	2	200.00	40	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	15,556	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	-	-	-	-	-	265	3,018	31,085	2,226	73.76	
NEBRASKA	-	-	-	-	-	51	79	4,244	505	765.82	
NEVADA	23	134	15,962	33	24.63	118	640	14,860	0	0.00	
NEW HAMPSHIRE	113	816	19,784	544	56.67	5	1	2,055	0	0.00	
NEW JERSEY	-	-	-	-	-	167	110	1,905	52	47.27	
NEW MEXICO	-	-	-	-	-	69	179	7,107	63	35.20	
NEW YORK	2	1	1,370	0	0.00	-	-	-	-	-	
NORTH DAKOTA	-	-	-	-	-	-	-	-	-	-	
OHIO	223	305	3,717	27	8.85	260	594	6,259	941	158.42	
OKLAHOMA	185	122	1,807	73	59.84	10	37	10,137	99	267.57	
OREGON	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA	-	-	-	-	-	1,926	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	-	-	-	-	-	-	-	-	-	-	
WEST VIRGINIA	1	1	2,740	0	0.00	-	-	-	-	-	
WISCONSIN	248	108	1,193	59	54.63	-	-	-	-	-	
WYOMING	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL	1,943	2,384	3,362	975	40.90	6,767	18,457	7,473	14,982	81.17	
INCOMPLETE DATA											
FLORIDA	-	-	-	-	-	-	-	-	-	-	
MISSOURI	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	
1/ 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				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 1/	NUMBER	RATE 1/
COMPLETE DATA					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	53	3,196	57	90.48	
ARIZONA	4,328	770	487	191	24.81	380	570	4,110	899	157.72	
ARKANSAS	11,794	1,650	383	650	39.39	704	296	1,152	234	79.05	
CALIFORNIA	11,693	3,028	709	10,160	335.53	2,627	3,083	3,215	5,090	165.10	
COLORADO	15,976	1,591	273	1,659	104.27	2,613	2,597	2,297	1,283	249.61	
CONNECTICUT	1,193	1,524	1,203	729	139.12	188	220	3,206	1,368	167.27	
DELAWARE	1,158	65	1,127	91	140.00	22	19	2,366	21	110.53	
DIST. OF COL.											
GEORGIA	7,300	783	294	1,154	147.38	1	9	2,740	0	0.00	
HAWAII	156	176	3,091	1	0.57	106	82	5,164	0	0.00	
IDAHO	4,661	450	265	89	15.78	191	185	2,654	93	113.41	
ILLINOIS	4,882	1,194	670	1,232	103.18	131	185	2,654	401	216.76	
IOWA	16,392	562	111	1,192	180.06	295	40	1,501	61	152.50	
KANSAS	9,404	270	179	191	70.74	130	104	3,074	554	167.37	
KENTUCKY	9,352	1,728	506	2,166	103.35	334	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	1,034	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						
NEVADA	2,465	134	149	99	73.88	339	374	3,023	636	170.05	
NEW HAMPSHIRE	1,244	333	733	324	97.30	7	3	1,174	3	100.00	
NEW JERSEY	1,287	927	1,973	1,194	128.80	95	156	4,499	186	119.23	
NEW MEXICO	2,559	251	269	276	109.96	96	79	2,255	926	1,172.15	
NEW YORK	10,805	4,408	1,118	13,780	312.61	29	15	1,427	488	242.79	
NORTH DAKOTA	8,053	231	79	122	52.81			1,417	17	113.33	
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	1,143	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	58.39	5	1	548	0	0.00	
TENNESSEE	10,770	1,937	493	1,908	58.50	3,902	4,621	3,245	59	1.28	
TEXAS	20,612	2,339	311	1,542	65.93			1,234	82	200.00	
UTAH	4,735	1,735	135	177	75.97						
VERMONT	2,402	406	463	686	168.97						
VIRGINIA	6,522	1,304	548	3,430	253.04	27	8	812	0	0.00	
WEST VIRGINIA	2,173	336	424	367	109.23	545	459	2,307	1	20.00	
WISCONSIN	7,236	923	349	976	105.74	18	12	1,826	613	133.55	
WYOMING	7,583	416	150	131	31.49				0	0.00	
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											
1/ 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		
				NUMBER					RATE λ	NUMBER	RATE λ
COMPLETE DATA					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	1,883	218.56	1,339	446	913	37	8.30	
ARIZONA	54,715	1,613	81	2,492	154.49	6,347	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	393	1,328	153.53	6,757	1,833	1,165	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	1,382	1,264	3,839	983	77.77	
HAWAII	1,650	484	804	329	67.98	1,382	1,264	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	5,293	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	1,472	228.02	
MAINE	11,885	864	199	1,955	226.27	8,314	1,698	560	9,251	544.82	
MARYLAND	10,425	1,098	289	2,000	182.15	17,675	3,545	549	41,564	1,172.47	
MICHIGAN	58,866	2,411	112	15,386	638.16	9,758	2,553	717	3,205	125.54	
MINNESOTA	80,750	2,324	79	7,703	30.25	4,820	1,218	692	1,518	124.63	
MISSISSIPPI	43,947	2,164	135	1,175	54.30	1,665	1,218	521	1,722	230.21	
MONTANA	46,825	769	45	1,527	68.53	3,586	572	437	1,002	175.17	
NEBRASKA	59,201	1,173	54	1,340	114.24	2,220	410	506	1,088	265.37	
NEVADA	34,126	268	22	1,151	56.34	1,395	233	458	530	227.47	
NEW HAMPSHIRE	8,499	488	157	1,124	230.33	15,789	10,071	1,748	12,806	127.16	
NEW JERSEY	7,563	847	307	2,116	255.14	4,179	1,154	757	2,208	191.33	
NEW MEXICO	37,599	764	56	1,116	146.07	25,361	7,199	778	32,752	454.95	
NEW YORK	48,517	3,862	218	24,200	626.62	1,026	258	689	182.17	182.17	
NORTH DAKOTA	59,954	722	33	417	57.76	20,933	11,616	1,820	31,468	270.90	
OHIO	57,500	9,067	432	6,489	71.57	8,164	3,025	1,015	4,189	138.48	
OKLAHOMA	58,277	1,756	70	2,561	145.84	5,709	985	1,171	2,460	249.75	
OREGON	63,825	1,437	62	7,296	50.38	19,585	5,399	755	25,712	476.24	
PENNSYLVANIA	60,946	5,421	244	61	134.59	3,154	1,019	885	2,450	111.09	
RHODE ISLAND	1,098	300	749	2,091	20.33	6,433	598	255	1,132	367.56	
SOUTH CAROLINA	35,818	1,856	142	2,991	112.66	1,132	243	588	2,198	179.01	
SOUTH DAKOTA	47,073	543	32	5,294	96.50	10,227	3,012	807	4,659	155.01	
TENNESSEE	47,125	1,548	90	5,291	341.80	57,327	22,090	1,056	63,000	285.20	
TEXAS	142,108	4,311	83	11,461	265.85	4,010	4,587	1,005	5,928	131.14	
UTAH	34,035	498	40	1,082	217.27	9,960	4,758	1,592	5,232	114.06	
VIRGINIA	33,040	2,919	242	3,819	130.83	10,617	4,758	196	4,910	647.76	
WASHINGTON	46,410	502	30	5,269	1,049.60	1,899	288	416	1,273	442.01	
WEST VIRGINIA	20,993	764	100	3,106	406.54	9,481	4,477	1,234	11,307	252.56	
WISCONSIN	66,234	2,223	92	4,231	190.33	1,078	150	381	273	182.00	
WYOMING	23,302	250	29	392	156.80						
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											
λ 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 1/	NUMBER	RATE 1/
COMPLETE DATA											
ALABAMA	621	3,379	14,907	74	2.19	258	2,981	31,656	24	0.81	
ALASKA	1,047	1,832	1,832	20	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	419	2,064	13,496	27	1.31	123	1,299	28,934	9	0.69	
CALIFORNIA	1,416	10,504	20,324	231	2.67	973	41,482	116,803	289	0.70	
COLORADO	760	2,810	10,130	75	2.20	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	59,176	84	0.34	
GEORGIA	891	6,918	21,272	76	1.10	32	888	76,027	3	0.98	
HAWAII	5	70	38,356	2	2.86	71	1,110	15,860	3	0.68	
IDAHO	534	1,222	6,270	27	2.21	487	10,829	60,921	11	2.68	
ILLINOIS	1,306	5,968	12,520	53	0.89	131	1,075	22,482	91	0.84	
IOWA	653	2,647	11,106	13	0.49	164	1,662	27,765	8	0.74	
KANSAS	556	1,865	7,789	24	1.29	163	2,627	44,155	20	1.20	
KENTUCKY	579	3,881	18,364	36	0.93	179	3,436	52,590	32	1.22	
LOUISIANA	532	3,555	18,308	46	1.29	39	3,052	21,426	28	0.81	
MAINE	276	1,229	12,200	9	0.73	224	5,927	84,724	54	0.78	
MARYLAND	165	2,258	37,493	22	0.97	431	9,059	57,562	59	0.65	
MICHIGAN	707	4,814	18,655	15	0.31	201	3,827	52,164	25	1.64	
MINNESOTA	688	2,105	8,382	9	0.43	122	1,098	24,658	18	1.64	
MISSISSIPPI	564	2,236	10,862	39	1.74	324	6,415	54,245	65	1.01	
MISSOURI	836	4,327	14,180	64	1.48	46	142	8,457	1	0.70	
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	41,292	10	1.58	
NEVADA	503	1,200	6,536	26	2.17	42	540	35,225	8	1.48	
NEW HAMPSHIRE	179	1,098	16,806	11	1.00	260	7,570	79,768	54	0.71	
NEW JERSEY	128	1,770	37,885	7	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	35,058	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	132	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	6,966	16,372	75	1.08	49	829	46,352	13	1.57	
RHODE ISLAND	21	153	19,961	2	1.31	115	1,532	36,496	18	1.17	
SOUTH CAROLINA	674	4,289	17,434	62	0.45	269	4,243	43,214	60	0.00	
SOUTH DAKOTA	788	1,227	5,286	5	0.41	925	22,419	66,402	341	1.41	
TENNESSEE	2,256	10,673	12,961	200	1.10	132	1,879	39,000	18	1.52	
TEXAS	745	5,441	18,917	60	1.87	132	2,419	52,804	45	0.69	
UTAH	765	1,667	6,130	45	2.70	288	6,602	70,630	29	0.47	
VIRGINIA	508	5,313	19,028	29	0.85	241	6,213	23,588	10	1.27	
WASHINGTON	389	3,052	16,460	16	0.89	112	2,018	49,364	2	0.10	
WEST VIRGINIA	466	1,797	12,656	16	0.59	50	145	7,945	9	6.21	
WISCONSIN	864	2,728	16,039	31	2.17	-	-	-	-	-	
WYOMING	-	1,430	4,534	31	2.17	-	-	-	-	-	
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											
1/ 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 1/	NUMBER	RATE 1/
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	1,446	1,209	8	1.79	32	189	16,182	5	2.55	
ARIZONA	3,685	3,368	2,504	191	5.67	265	1,297	13,409	58	5.24	
ARKANSAS	4,714	4,997	2,846	197	4.02	472	1,830	10,622	37	2.02	
CALIFORNIA	9,576	19,220	5,799	905	4.71	1,492	31,512	57,865	372	2.18	
COLORADO	3,877	3,851	2,721	121	3.14	435	2,913	16,880	69	2.37	
CONNECTICUT	689	1,970	7,833	47	2.39	582	4,029	18,966	81	2.01	
DELAWARE	334	1,560	12,756	37	2.37	98	849	23,735	12	1.41	
DIST. OF COL.	-	-	-	-	-	1,470	8,539	15,915	206	2.41	
GEORGIA	8,600	10,098	3,217	408	4.04	124	1,395	30,822	20	1.43	
HAWAII	387	991	7,016	30	3.03	46	192	11,435	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	2,226	8,626	34	1.53	
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	473	2,843	16,467	47	1.65	
KENTUCKY	3,305	5,190	4,302	179	3.45	485	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	1.64	
NEW JERSEY	3,366	3,308	11,039	119	3.60	190	863	12,444	28	3.24	
NEW MEXICO	6,435	2,798	2,798	137	4.90	2,009	21,192	28,900	328	1.55	
NEW YORK	3,345	9,851	4,194	314	3.19	658	5,279	21,980	76	1.44	
NORTH CAROLINA	5,406	8,311	5,522	290	3.49	129	425	9,026	10	2.35	
NORTH DAKOTA	5,045	1,738	4,981	42	2.42	1,587	7,693	13,281	144	1.87	
OHIO	5,045	9,142	4,965	250	2.73	432	2,010	12,747	43	2.14	
OKLAHOMA	4,874	5,146	3,072	176	3.22	400	2,600	17,808	33	1.27	
OREGON	4,563	4,975	2,923	229	4.60	2,140	18,552	23,879	324	1.74	
PENNSYLVANIA	7,773	14,532	5,122	506	3.48	2,235	4,127	3,937	19	6.09	
RHODE ISLAND	161	325	5,531	14	4.31	713	4,127	15,858	59	1.43	
SOUTH CAROLINA	4,958	7,097	3,522	298	4.20	110	5,837	10,884	2	0.46	
SOUTH DAKOTA	5,691	2,163	1,041	65	3.01	884	5,917	18,068	136	2.34	
TENNESSEE	5,227	7,677	4,024	334	4.35	1,847	16,744	24,837	307	1.80	
TEXAS	14,859	21,065	3,884	664	3.15	102	500	13,430	9	1.83	
UTAH	2,522	1,611	1,750	69	4.28	605	4,286	19,409	86	2.01	
VIRGINIA	4,755	9,395	5,413	355	3.78	645	4,413	18,745	53	1.20	
WASHINGTON	4,394	5,074	3,164	158	3.11	193	4,135	13,486	24	2.53	
WEST VIRGINIA	2,258	3,190	3,871	159	4.98	935	5,032	14,745	42	0.83	
WISCONSIN	8,249	10,619	3,527	305	2.87	127	407	8,780	8	1.97	
WYOMING	2,854	1,438	1,380	56	3.89	127	407	8,780	8	1.97	
SUBTOTAL	214,331	264,159	3,377	9,413	3.56	28,188	217,567	21,146	3,757	1.73	
INCOMPLETE DATA											
FLORIDA											
INDIANA											
MASSACHUSETTS											
VERMONT											
1/ 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					COMPLETE DATA						
ALABAMA	1,515	3,775	5,827	51	1.35	1,230	1,299	2,893	77	5.93	
ALASKA	779	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	3,365	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	1,733	5,765	9,106	103	1.79	551	455	2,262	11	2.42	
CONNECTICUT	1,232	4,185	9,207	92	2.22	1,726	1,924	3,149	53	2.67	
DELAWARE	157	4,704	12,285	19	2.70	148	294	5,442	7	2.38	
GEORGIA	2,142	6,612	18,457	206	3.12	1,826	2,289	3,434	74	3.23	
HAWAII	140	825	16,145	25	3.03	178	424	6,526	6	1.42	
IDAHO	442	1,178	7,302	21	1.78	283	220	2,130	3	1.36	
ILLINOIS	3,623	14,415	10,901	290	2.01	3,073	5,998	5,337	105	1.75	
IOWA	1,447	2,340	4,431	28	1.20	965	633	1,797	8	0.65	
KANSAS	1,084	2,809	7,100	34	1.21	484	306	1,732	2	0.15	
KENTUCKY	1,090	3,703	9,308	65	1.76	761	1,191	4,289	17	1.43	
LOUISIANA	1,322	3,935	8,155	105	2.67	763	896	3,217	41	4.58	
MAINE	347	984	7,769	3	0.30	360	341	2,595	1	0.23	
MARYLAND	1,438	8,011	15,263	150	1.87	686	1,377	5,499	41	2.58	
MICHIGAN	4,257	15,657	10,077	412	2.63	1,153	2,069	4,916	39	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	2,979	16	2.55	
MISSOURI	1,805	7,050	10,701	151	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	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	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	7,579	73	1.18	741	664	2,455	13	1.96	
OREGON	1,067	3,126	8,027	105	3.36	916	981	2,934	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	11,531	42	2.02	446	249	1,530	10	4.02	
SOUTH CAROLINA	637	2,354	10,125	77	3.27	532	770	3,965	30	3.90	
SOUTH DAKOTA	280	5,351	9,434	4	1.14	99	65	1,799	1	1.54	
TENNESSEE	1,325	5,195	10,556	150	2.94	1,759	2,031	3,163	69	3.40	
TEXAS	6,025	23,174	10,938	307	1.22	1,549	1,624	2,872	0	0.00	
UTAH	533	7,711	13,935	58	2.51	387	1,770	5,451	15	1.95	
VIRGINIA	2,010	5,706	13,230	170	1.75	1,337	1,790	3,668	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	589	2,930	8	1.16	
WYOMING	241	407	4,627	9	2.21	270	196	1,989	4	2.04	
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 MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE ^{1/}
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					
^{1/} 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											
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	3,062	2	10.53	26	96	10,116	0	0.00	
ARKANSAS	362	194	1,468	9	4.54	411	465	3,100	15	3.44	
CALIFORNIA	16	16	2,740	5	31.25	1,297	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	-	-	-	-	-	12	12	16,438	0	0.00	
HAWAII	10	19	5,205	0	0.00	54	108	5,479	1	0.93	
IDAH0	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	8,385	13	1.98	
IOWA	-	-	-	-	-	-	-	-	-	-	
KANSAS	48	68	3,881	1	1.47	292	602	5,648	2	0.33	
KENTUCKY	-	-	-	-	-	14	80	15,856	6	7.50	
LOUISIANA	9	23	7,002	7	30.43	9	34	10,350	1	2.94	
MAINE	40	140	9,589	3	2.14	807	453	1,538	5	1.10	
MARYLAND	-	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS	-	-	-	-	-	33	10	830	0	0.00	
MICHIGAN	-	-	-	-	-	535	1,463	7,492	19	1.30	
MINNESOTA	-	-	-	-	-	36	60	4,566	1	1.67	
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	
MISSOURI	250	54	592	4	7.41	-	-	-	-	-	
MONTANA	51	19	1,370	0	0.00	25	100	10,959	4	4.00	
NEBRASKA	-	-	1,021	1	5.26	18	98	14,916	3	3.06	
NEVADA	-	-	-	-	-	266	3,018	31,085	29	0.96	
NEW HAMPSHIRE	-	-	-	-	-	51	79	4,244	1	1.27	
NEW JERSEY	23	134	15,962	1	0.75	118	640	14,860	0	0.00	
NEW MEXICO	113	816	19,784	18	2.21	988	2,221	6,159	26	1.17	
NEW YORK	-	-	-	-	-	5	1	548	0	0.00	
NORTH CAROLINA	-	-	-	-	-	4	3	2,055	0	0.00	
NORTH DAKOTA	249	125	1,375	0	0.00	167	110	1,805	0	0.00	
OHIO	2	1	1,370	0	0.00	69	179	7,107	0	0.00	
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	
OREGON	223	305	3,747	2	0.66	260	594	6,259	10	1.68	
PENNSYLVANIA	185	122	1,807	5	4.10	10	37	10,137	0	0.00	
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA	-	-	-	-	-	1,926	5,800	8,250	169	2.91	
SOUTH DAKOTA	-	-	-	-	-	41	34	2,272	0	0.00	
TENNESSEE	-	-	-	-	-	-	-	-	-	-	
TEXAS	14	8	1,566	0	0.00	-	-	-	-	-	
UTAH	1	1	2,740	0	0.00	-	-	-	-	-	
VERMONT	3	8	7,306	3	37.50	-	-	-	-	-	
VIRGINIA	-	-	-	-	-	124	680	15,024	0	0.00	
WASHINGTON	-	-	-	-	-	11	8	1,993	0	0.00	
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	
WISCONSIN	310	303	2,678	0	0.00	128	322	6,892	1	0.31	
WYOMING	-	-	-	-	-	3	5	4,566	0	0.00	
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 1/	NUMBER	RATE 1/
COMPLETE DATA											
ALABAMA	7,010	1,030	403	41	3.98	COMPLETE DATA	464	481	2,840	28	5.82
ALASKA	881	155	482	2	1.29	ALABAMA	54	53	3,196	2	3.17
ARIZONA	4,328	770	487	34	4.42	ALASKA	380	570	4,110	7	1.23
ARKANSAS	11,794	1,650	383	82	4.97	ARIZONA	704	296	1,152	6	2.03
CALIFORNIA	11,693	3,028	709	226	7.53	ARKANSAS	2,627	3,083	3,215	74	2.40
COLORADO	15,976	1,591	273	57	3.58	CALIFORNIA	613	514	2,297	11	2.14
CONNECTICUT	1,193	524	1,203	11	2.10	COLORADO	188	220	3,206	9	4.09
DELAWARE	158	65	1,127	4	6.15	CONNECTICUT	22	19	2,366	1	5.26
DIST. OF COL.						DELAWARE	1	1	2,740	0	0.00
GEORGIA	7,300	783	294	24	3.07	GEORGIA	106	82	6,154	0	0.00
HAWAII	156	176	3,091	0	0.00	HAWAII	191	185	2,119	2	2.44
IDAHO	4,661	450	265	4	0.89	IDAHO	73	40	2,854	2	1.08
ILLINOIS	4,882	1,194	670	59	4.94	ILLINOIS	295	331	1,501	0	0.00
IOWA	16,392	662	111	30	4.53	IOWA	130	104	3,074	6	1.91
KANSAS	9,404	270	79	10	3.70	KANSAS	354	366	2,192	1	0.96
KENTUCKY	9,352	1,728	506	98	5.67	KENTUCKY	32	19	2,833	0	0.00
LOUISIANA	4,298	1,322	843	42	3.18	LOUISIANA	491	590	1,627	4	21.05
MAINE	2,802	840	821	20	2.38	MAINE	1,609	1,379	3,292	14	2.37
MARYLAND	1,898	721	1,041	29	4.02	MARYLAND	1,227	1,705	3,807	25	1.47
MICHIGAN	7,895	1,490	517	62	4.16	MICHIGAN	838	960	1,370	16	1.67
MINNESOTA	11,875	1,015	234	40	3.94	MINNESOTA	120	61	1,393	1	1.64
MISSISSIPPI	2,941	275	256	13	4.73	MISSISSIPPI	339	374	3,023	11	2.94
MISSOURI	5,456	361	181	19	5.26	MISSOURI	7	3	1,174	0	0.00
MONTANA	11,346	714	172	9	1.26	MONTANA	95	156	4,499	4	2.56
NEBRASKA	9,249	283	84	10	3.53	NEBRASKA	96	79	2,255	1	1.27
NEVADA	2,465	134	149	10	7.46	NEVADA	386	201	1,427	1	0.50
NEW HAMPSHIRE	1,244	333	733	7	2.10	NEW HAMPSHIRE	1,037	782	2,066	15	1.92
NEW JERSEY	1,287	927	1,973	30	7.97	NEW JERSEY	29	15	1,417	0	0.00
NEW MEXICO	2,559	251	1,259	20	2.93	NEW MEXICO	462	284	1,684	5	1.76
NEW YORK	10,806	4,408	1,118	129	2.93	NEW YORK	197	201	2,795	4	1.99
NORTH CAROLINA	9,342	3,423	1,094	178	5.20	NORTH CAROLINA	-	-	-	-	-
NORTH DAKOTA	8,053	231	79	8	3.46	NORTH DAKOTA	-	-	-	-	-
OHIO	7,324	2,200	823	68	3.09	OHIO	-	-	-	-	-
OKLAHOMA	13,319	1,403	289	10	0.71	OKLAHOMA	-	-	-	-	-
OREGON	9,040	1,143	346	18	1.57	OREGON	-	-	-	-	-
PENNSYLVANIA	8,673	2,437	770	87	3.57	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	143	51	977	3	5.88	RHODE ISLAND	-	-	-	-	-
SOUTH CAROLINA	4,015	607	414	43	7.08	SOUTH CAROLINA	624	379	1,654	7	1.85
SOUTH DAKOTA	7,336	1,161	50	9	5.59	SOUTH DAKOTA	52	64	3,372	0	0.00
TENNESSEE	10,770	1,937	493	88	4.54	TENNESSEE	5	1	548	0	0.00
TEXAS	20,612	2,339	311	75	3.21	TEXAS	3,902	4,621	3,245	50	1.08
UTAH	4,736	233	135	15	6.44	UTAH	91	41	1,234	1	2.44
VIRGINIA	2,402	406	463	20	4.93	VERMONT	-	-	-	-	-
WASHINGTON	6,522	1,304	548	49	3.76	VIRGINIA	-	-	-	-	-
WEST VIRGINIA	2,173	336	424	14	4.17	WASHINGTON	27	8	812	0	0.00
WISCONSIN	7,236	923	349	39	4.23	WEST VIRGINIA	3	5	4,566	0	0.00
WYOMING	7,583	416	150	16	3.85	WISCONSIN	545	459	2,307	3	0.65
SUBTOTAL	310,580	46,700	412	1,864	3.99	WYOMING	18	12	1,826	0	0.00
INCOMPLETE DATA						SUBTOTAL	18,440	18,764	2,788	329	1.75
FLORIDA						INCOMPLETE DATA					
INDIANA						DIST. OF COL.					
MASSACHUSETTS						FLORIDA					
VERMONT						INDIANA					
1/ FATALITIES PER 100 MILLION VEHICLE MILES.											

TABLE 5-6. 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 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	48,459	3,024	171	291	9.52	10,101	2,124	576	172	8.10	
ALASKA	7,146	404	155	14	3.47	1,339	446	913	4	0.90	
ARIZONA	54,715	1,613	81	157	9.73	6,347	1,334	356	50	3.75	
ARKANSAS	44,971	1,045	64	72	6.89	4,786	611	356	15	2.45	
CALIFORNIA	73,912	7,337	272	262	3.46	43,913	23,438	1,452	297	1.27	
COLORADO	41,375	780	52	27	3.46	7,387	3,224	1,196	29	0.90	
CONNECTICUT	6,029	865	393	23	2.66	6,757	1,833	1,743	32	1.75	
DELAWARE	2,695	427	434	22	5.15	1,072	456	1,165	2	0.44	
DIST. OF COL.						14,054	4,825	941	153	3.17	
GEORGIA	55,975	2,820	138	88	3.12	902	1,264	3,839	7	0.55	
HAWAII	1,650	484	804	10	2.07	1,382	146	289	4	2.74	
IDAH0	57,154	1,026	49	63	6.14	21,755	6,784	854	143	2.11	
ILLINOIS	76,707	3,313	118	94	2.84	5,293	1,113	576	16	1.44	
IOWA	65,205	1,438	60	45	3.13	6,135	1,481	661	13	0.88	
KANSAS	83,473	1,225	40	62	5.06	4,916	1,740	970	26	1.49	
KENTUCKY	41,575	1,894	125	98	5.17	8,814	892	277	25	2.80	
LOUISIANA	31,169	2,037	179	91	4.47	1,435	207	395	14	6.76	
MAINE	11,885	864	199	29	3.36	8,314	1,698	560	36	2.12	
MARYLAND	10,425	1,098	289	54	4.32	17,675	3,545	549	107	3.02	
MICHIGAN	58,866	2,411	112	137	5.68	9,758	2,553	717	24	0.94	
MINNESOTA	80,750	2,324	79	84	3.61	1,820	1,218	692	40	3.28	
MISSISSIPPI	43,947	2,164	135	80	3.70	10,451	1,065	279	50	4.69	
MISSOURI	73,584	2,955	110	79	2.67	1,565	748	1,231	2	0.27	
MONTANA	46,825	1,173	45	25	3.25	3,586	572	437	14	2.45	
NEBRASKA	59,201	1,173	54	48	4.09	2,220	410	506	11	2.68	
NEVADA	34,126	268	22	10	3.73	1,395	233	458	5	2.15	
NEW HAMPSHIRE	8,499	488	157	26	5.33	15,789	10,071	1,748	59	0.59	
NEW JERSEY	7,563	847	307	38	6.41	4,179	1,154	757	21	1.82	
NEW MEXICO	37,599	764	56	49	4.49	25,361	7,199	778	174	2.42	
NEW YORK	48,517	3,862	218	137	3.55	12,505	3,325	728	95	2.86	
NORTH CAROLINA	51,254	2,563	137	280	10.52	1,026	258	689	2	0.78	
NORTH DAKOTA	59,954	722	33	9	1.25	20,933	11,616	1,520	233	2.01	
OHIO	57,500	9,067	432	171	1.89	8,164	3,025	1,015	58	1.92	
OKLAHOMA	68,277	1,756	70	126	7.18	19,585	985	473	25	2.54	
OREGON	63,825	1,437	62	35	2.44	5,709	5,399	755	209	3.87	
PENNSYLVANIA	60,946	5,421	244	147	2.71	3,154	1,019	885	13	1.28	
RHODE ISLAND	1,098	300	749	4	1.33	6,433	598	255	48	8.03	
SOUTH CAROLINA	35,818	1,856	142	157	8.46	1,132	243	588	5	2.06	
SOUTH DAKOTA	47,073	543	32	17	3.13	10,227	3,012	807	72	2.39	
TENNESSEE	47,125	1,548	90	112	7.24	57,327	22,090	1,056	470	2.13	
TEXAS	142,108	4,311	388	388	9.00	4,010	1,471	1,005	21	1.43	
UTAH	34,035	498	40	18	3.61	9,960	4,587	1,262	46	1.00	
VIRGINIA	33,040	2,919	242	109	3.73	10,617	758	1,196	45	5.94	
WASHINGTON	46,410	502	100	47	9.36	1,899	288	416	5	1.74	
WEST VIRGINIA	20,993	764	30	44	5.76	9,481	4,477	1,294	26	0.58	
WISCONSIN	66,234	2,223	92	113	5.08	1,078	150	381	3	2.00	
WYOMING	23,302	250	29	9	3.60						
SUBTOTAL	2,072,989	86,399	114	4,001	4.63	434,841	145,685	918	2,921	2.01	
INCOMPLETE DATA											
DIST. OF COL.											
FLORIDA											
INDIANA											
MASSACHUSETTS											
VERMONT											
1/ FATALITIES PER 100 MILLION VEHICLE MILES.											

TABLE 6-A. NONFATALITY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	621	3,379	14,907	1,001	29.62	258	2,981	31,656	1,040	34.89	
ALASKA	1,047	700	1,832	574	82.00	42	442	28,852	401	90.72	
ARIZONA	1,044	4,309	11,308	1,319	36.61	117	1,295	45,077	1,263	65.61	
ARKANSAS	419	2,064	13,496	406	19.67	123	1,529	28,934	422	32.49	
CALIFORNIA	1,416	10,504	20,324	4,437	42.24	973	41,482	116,803	20,830	50.21	
COLORADO	760	2,810	10,130	1,604	57.06	164	3,273	54,578	2,955	90.28	
CONNECTICUT	108	1,225	31,076	557	45.47	232	5,824	68,824	4,117	70.64	
DELAWARE	-	-	-	-	-	41	839	56,064	415	49.46	
DIST. OF COL.	-	-	-	-	-	341	8,610	93,176	6,143	71.35	
GEORGIA	891	6,918	21,272	1,765	25.51	32	888	76,027	1,091	122.86	
HAWAII	5	70	38,356	197	281.43	71	411	15,860	184	44.77	
IDAH0	534	1,222	16,270	546	44.68	487	10,829	60,921	11,237	103.77	
ILLINOIS	1,306	5,968	12,520	2,053	34.40	131	1,075	22,482	439	40.84	
IOWA	653	2,647	11,106	614	23.20	164	1,662	27,765	1,427	85.86	
KANSAS	556	1,865	7,789	690	37.00	163	2,627	44,155	1,545	58.81	
KENTUCKY	579	3,881	18,364	1,068	27.52	179	3,436	52,590	3,018	87.83	
LOUISIANA	532	3,555	18,308	1,609	45.26	39	305	21,426	283	92.79	
MAINE	276	1,229	12,200	558	45.40	224	6,927	84,724	3,707	53.52	
MARYLAND	165	2,258	37,493	1,086	48.10	431	9,068	57,642	6,351	70.04	
MICHIGAN	688	4,814	18,555	3,562	73.99	201	3,827	52,164	1,790	46.77	
MINNESOTA	564	2,105	8,382	325	15.44	122	1,098	24,558	551	51.09	
MISSISSIPPI	1,141	2,236	10,862	536	23.97	46	142	8,457	40	28.17	
MONTANA	444	1,490	3,578	611	41.01	37	579	42,873	503	86.87	
NEBRASKA	503	1,524	9,404	432	28.35	42	633	41,292	918	145.02	
NEVADA	179	1,098	6,536	685	57.08	260	7,570	79,768	5,449	71.98	
NEW HAMPSHIRE	128	1,770	37,885	253	23.04	88	846	26,339	981	115.96	
NEW JERSEY	911	2,798	8,415	361	20.40	639	11,969	51,317	10,710	89.48	
NEW MEXICO	857	4,855	15,521	2,714	46.39	201	2,572	35,058	1,006	39.11	
NEW YORK	596	4,669	21,463	1,974	55.90	42	149	9,720	46	30.87	
NORTH CAROLINA	529	745	3,858	236	31.68	690	12,168	48,314	9,142	75.13	
NORTH DAKOTA	870	7,073	22,274	1,983	28.04	203	2,720	36,710	2,035	74.82	
OHIO	724	3,323	12,575	719	21.64	132	2,252	46,711	1,724	76.55	
OKLAHOMA	584	2,879	13,506	902	31.33	360	5,729	43,676	4,003	69.75	
PENNSYLVANIA	1,164	6,956	16,372	3,027	43.52	49	829	46,352	623	75.87	
RHODE ISLAND	21	153	19,961	22	14.38	115	1,532	36,438	598	45.56	
SOUTH CAROLINA	674	4,289	17,434	651	15.18	269	4,243	43,214	84	49.41	
SOUTH DAKOTA	636	1,227	18,917	340	27.71	925	22,419	66,402	2,958	110.18	
TENNESSEE	788	5,441	12,961	1,569	28.81	132	1,879	39,000	1,263	67.22	
TEXAS	2,256	10,673	6,130	4,200	39.35	286	6,602	62,804	3,262	68.39	
UTAH	745	1,667	16,130	935	56.09	241	6,213	70,630	4,249	65.86	
VIRGINIA	765	5,313	19,028	2,093	39.52	90	788	23,988	519	55.86	
WASHINGTON	508	3,052	16,460	1,206	31.44	112	2,018	49,364	1,566	77.60	
WEST VIRGINIA	389	1,797	12,656	565	30.61	50	145	7,945	126	86.90	
WISCONSIN	486	2,728	16,039	835	60.42						
WYOMING	864	1,430	4,534	864	37.34						
SUBTOTAL	29,713	141,909	13,085	52,982		9,630	203,549	57,909	145,923	71.69	
INCOMPLETE DATA											
FLORIDA											
INDIANA											
MASSACHUSETTS											
MISSOURI											
VERMONT											
1/ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

TABLE 6-B. NONFATALITY INJURED PERSONS 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	NONFATALITY INJURED PERSONS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		
				NUMBER					RATE λ	NUMBER	RATE λ
COMPLETE DATA					COMPLETE DATA						
ALABAMA	5,841	7,075	3,319	5,998	84.78	ALABAMA	852	4,315	13,875	3,970	92.00
ALASKA	1,011	446	1,209	299	67.04	ALASKA	32	189	16,182	256	135.45
ARIZONA	3,685	3,368	2,504	1,927	57.21	ARIZONA	265	1,297	13,409	4,121	317.73
ARKANSAS	4,714	4,897	2,846	2,919	59.61	ARKANSAS	472	1,830	10,522	2,128	116.28
CALIFORNIA	9,576	19,220	5,499	18,917	98.42	CALIFORNIA	1,492	31,512	57,865	25,148	82.98
COLORADO	3,877	3,851	2,721	3,194	82.94	COLORADO	436	2,913	18,180	7,290	250.26
CONNECTICUT	389	1,970	7,833	2,592	131.57	CONNECTICUT	582	4,029	18,966	9,137	226.78
DELAWARE	334	1,960	12,796	1,442	92.44	DELAWARE	98	8,849	23,735	2,156	219.79
DIST. OF COL.	-	-	-	-	-	DELAWARE	1,470	8,539	15,915	21,247	248.92
GEORGIA	8,600	10,098	3,217	11,044	109.37	HAWAII	124	1,335	30,822	3,159	726.45
HAWAII	387	991	7,016	1,452	146.52	ILLINOIS	46	192	11,435	40,335	174.48
IDAH0	2,619	1,768	1,849	1,452	106.90	ILLINOIS	1,920	12,506	17,845	40,139	320.36
ILLINOIS	7,850	8,895	3,104	10,107	113.63	IOWA	707	2,226	8,826	5,194	233.33
IOWA	8,133	6,019	2,028	4,246	70.54	KANSAS	339	1,475	11,921	3,651	247.53
KANSAS	7,734	5,217	1,848	3,649	69.94	KENTUCKY	473	2,843	16,467	5,508	193.74
KENTUCKY	3,305	5,190	4,302	6,027	116.13	LOUISIANA	485	3,445	19,461	10,797	313.41
LOUISIANA	2,661	4,620	4,757	5,831	126.21	MAINE	183	782	11,707	2,303	294.50
MAINE	1,825	2,724	4,089	3,153	115.75	MARYLAND	544	4,995	25,156	15,186	95.78
MARYLAND	1,650	5,614	9,322	7,745	137.96	MICHIGAN	1,003	12,281	33,546	12,254	304.02
MICHIGAN	6,275	11,478	5,011	20,476	178.39	MINNESOTA	584	3,253	15,261	5,283	162.40
MINNESOTA	5,370	7,188	2,256	5,071	70.55	MISSISSIPPI	352	1,532	11,924	3,952	257.96
MISSISSIPPI	5,355	5,068	2,299	5,191	102.43	MONTANA	108	372	9,437	128	34.41
MONTANA	6,933	3,818	1,176	2,027	88.17	NEBRASKA	262	1,269	13,270	3,611	284.55
NEBRASKA	1,788	1,148	1,759	2,348	61.50	NEVADA	58	511	24,138	1,469	91.78
NEVADA	961	1,939	5,528	858	74.74	NEW HAMPSHIRE	171	891	14,275	1,268	142.31
NEW HAMPSHIRE	821	3,308	11,039	1,611	83.08	NEW JERSEY	649	6,480	27,355	21,418	330.52
NEW JERSEY	3,366	2,798	2,277	5,806	175.51	NEW MEXICO	190	863	12,444	2,843	329.43
NEW MEXICO	6,435	9,851	4,194	1,924	68.76	NEW YORK	2,009	21,192	28,900	41,398	195.35
NEW YORK	3,845	8,311	5,922	37,408	379.74	NORTH CAROLINA	658	5,279	21,980	6,998	132.56
NORTH CAROLINA	5,405	1,738	881	109.66	NORTH DAKOTA	129	425	9,026	953	224.24	
NORTH DAKOTA	4,074	9,142	4,965	883	50.81	OHIO	1,587	7,693	13,281	23,108	300.38
OKLAHOMA	5,045	9,142	4,965	10,752	117.61	OKLAHOMA	432	2,010	12,747	2,606	129.65
OREGON	4,874	5,456	3,072	3,139	57.43	OREGON	400	6,600	17,808	5,902	227.00
PENNSYLVANIA	7,773	14,532	5,122	20,559	107.10	PENNSYLVANIA	2,140	18,552	23,879	27,664	148.32
RHODE ISLAND	7,163	3,325	5,931	239	141.47	RHODE ISLAND	235	312	3,537	2,013	645.19
SOUTH CAROLINA	4,986	7,057	3,922	5,961	73.54	SOUTH CAROLINA	713	4,127	15,858	7,498	181.68
SOUTH DAKOTA	5,631	2,163	1,021	1,174	83.99	SOUTH DAKOTA	110	5,817	10,884	1,153	263.84
TENNESSEE	5,227	7,677	4,024	15,586	54.28	TENNESSEE	884	5,917	18,028	14,070	241.68
TEXAS	14,859	21,065	3,984	19,024	111.64	TEXAS	1,947	16,744	24,937	27,934	156.83
UTAH	4,755	1,611	1,750	1,593	71.32	UTAH	1,102	500	13,430	954	190.80
VIRGINIA	2,252	1,911	1,750	1,593	98.88	VIRGINIA	605	4,286	19,409	5,503	221.72
WASHINGTON	4,755	9,395	5,413	11,378	121.11	WASHINGTON	645	4,413	18,745	5,382	121.96
WEST VIRGINIA	4,394	5,074	3,164	5,045	95.43	WEST VIRGINIA	193	4,950	13,485	2,289	240.95
WISCONSIN	2,238	3,190	3,871	6,159	193.07	WISCONSIN	935	5,032	14,745	10,257	203.84
WYOMING	8,249	10,619	3,527	8,879	83.61	WYOMING	127	407	8,780	727	178.62
SUBTOTAL	208,058	256,236	3,374	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					
λ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

TABLE 6-C. NONFATALITY 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 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	1,515	3,775	6,827	5,822	154.23	1,230	1,299	2,893	4,552	358.12	
ALASKA	79	504	17,479	1,472	292.05	156	188	3,302	384	204.26	
ARIZONA	2,377	4,704	5,422	18,094	384.65	714	929	3,302	1,699	182.88	
ARKANSAS	833	1,543	5,075	2,927	189.70	288	159	3,565	12,576	219.67	
CALIFORNIA	12,319	58,986	13,118	154,317	261.45	4,780	5,723	3,261	786	172.75	
COLORADO	1,733	5,760	9,106	15,127	262.62	1,726	455	2,262	635	315.99	
CONNECTICUT	1,232	4,185	9,307	14,865	265.91	1,726	1,584	3,149	4,151	181.35	
DELAWARE	1,557	7,704	12,285	2,827	285.31	148	294	5,442	635	215.99	
GEORGIA	2,142	6,612	8,457	13,956	281.35	182	2,289	3,434	4,151	181.35	
HAWAII	440	825	16,145	3,768	376.18	178	424	6,526	1,188	280.19	
IDAHO	442	1,178	7,302	3,201	237.78	283	220	2,130	460	209.09	
ILLINOIS	3,623	14,415	10,901	44,384	307.90	3,079	5,998	5,337	15,437	274.04	
IOWA	1,447	2,340	4,431	5,064	216.41	965	633	1,797	1,654	261.30	
KANSAS	1,084	2,809	7,100	8,195	291.78	484	306	1,732	685	223.86	
KENTUCKY	1,090	3,703	9,308	10,111	273.05	761	1,191	4,288	2,511	210.93	
LOUISIANA	1,322	3,935	8,155	11,076	281.47	763	896	3,217	300	33.48	
MAINE	347	984	7,769	2,974	302.24	360	341	2,595	890	261.00	
MARYLAND	1,438	8,011	15,263	26,703	333.33	686	1,377	5,499	4,704	341.61	
MICHIGAN	4,257	15,657	10,077	11,427	72.98	1,153	2,069	4,916	2,777	134.22	
MINNESOTA	1,552	5,694	10,052	12,164	213.63	640	696	2,979	1,381	198.42	
MISSISSIPPI	942	1,986	5,776	5,144	259.01	749	627	2,293	1,652	263.48	
MONTANA	231	520	6,167	484	93.08	91	87	2,619	1,173	198.85	
NEBRASKA	649	1,811	7,645	6,222	343.57	404	441	2,991	1,385	314.06	
NEVADA	465	2,227	13,121	8,154	366.14	92	168	5,003	728	177.38	
NEW HAMPSHIRE	385	986	7,017	2,358	239.15	337	303	2,463	239.27	229.27	
NEW JERSEY	3,539	14,506	11,230	56,926	461.37	1,808	2,958	4,482	13,218	466.56	
NEW MEXICO	463	1,997	11,817	7,809	391.04	143	280	5,364	189.64	189.64	
NEW YORK	5,173	20,730	10,979	66,904	322.74	3,529	4,831	3,751	7,457	184.94	
NORTH DAKOTA	260	432	4,552	937	216.90	203	384	2,335	17,884	421.57	
OHIO	3,617	10,354	7,843	42,117	406.77	4,108	3,786	2,525	17,884	421.57	
OKLAHOMA	2,237	6,188	7,579	11,636	188.04	741	664	2,455	1,086	163.55	
OREGON	1,057	3,126	8,027	12,434	397.76	916	981	2,934	3,353	341.79	
PENNSYLVANIA	3,833	8,744	6,250	27,118	310.13	3,150	4,293	3,734	4,886	355.82	
RHODE ISLAND	493	2,075	11,531	3,793	182.80	446	249	1,530	886	186.49	
SOUTH CAROLINA	637	2,354	10,125	5,418	230.16	532	770	3,955	1,436	186.49	
SOUTH DAKOTA	280	351	3,434	594	197.72	99	65	1,799	130	200.00	
TENNESSEE	1,325	5,105	10,556	14,931	292.48	99	65	1,799	130	200.00	
TEXAS	6,025	23,174	10,538	34,507	148.90	1,759	2,031	3,163	4,896	241.06	
UTAH	533	2,711	13,935	8,783	323.98	1,549	1,624	2,872	231	14.22	
VIRGINIA	2,010	9,706	13,230	25,727	265.05	387	1,770	5,451	2,201	285.84	
WASHINGTON	2,216	8,176	10,108	13,608	155.22	1,337	1,790	3,668	4,674	261.12	
WEST VIRGINIA	385	1,156	8,226	3,348	289.52	1,682	2,078	3,385	4,066	195.67	
WISCONSIN	2,061	5,501	7,313	5,458	198.22	810	468	3,205	528	112.82	
WYOMING	241	407	4,627	550	135.14	270	196	2,330	1,220	177.07	
SUBTOTAL	78,196	280,647	9,833	741,527	264.22	46,313	57,795	3,419	137,964	238.71	
INCOMPLETE DATA											
DIST. OF COL.											
FLORIDA											
INDIANA											
MASSACHUSETTS											
MISSOURI											
NORTH CAROLINA											
VERMONT											
1/ NONFATALITY 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 MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY 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	3,062	14	73.68	26	96	10,116	82	85.42	
ARKANSAS	362	194	1,468	76	39.18	411	465	3,100	355	76.34	
CALIFORNIA	16	16	2,740	97	606.25	1,287	3,338	7,106	7,696	230.56	
COLORADO	5	2	1,096	0	0.00	27	4	406	0	0.00	
CONNECTICUT	9	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	
DIST. OF COL.	-	-	-	-	-	11	12	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	189	175.00	
IDAH0	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	34	116	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	-	-	-	-	-	36	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	-	-	-	-	-	266	3,018	31,085	3,624	120.08	
NEBRASKA	-	-	-	-	-	51	79	4,244	890	1,126.58	
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	548	0	0.00	
NEW JERSEY	-	-	-	-	-	4	3	2,055	0	0.00	
NEW MEXICO	-	-	-	-	-	167	110	1,805	83	75.45	
NEW YORK	-	-	-	-	-	69	179	7,107	112	62.57	
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	185	122	1,807	126	103.28	10	37	10,137	144	389.19	
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	1	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	
UTAH	-	-	-	-	-	128	322	6,992	426	132.30	
VERMONT	310	303	2,678	1	0.33	3	5	4,566	0	0.00	
VIRGINIA	-	-	-	-	-	-	-	-	-	-	
WASHINGTON	-	-	-	-	-	-	-	-	-	-	
WEST VIRGINIA	1	1	2,740	0	0.00	-	-	-	-	-	
WISCONSIN	248	108	1,193	93	86.11	-	-	-	-	-	
WYOMING	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL	1,943	2,384	3,362	1,654	69.38	6,767	18,457	7,473	22,719	123.09	
INCOMPLETE DATA											
FLORIDA	-	-	-	-	-	-	-	-	-	-	
MISSOURI	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	
1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

TABLE 6-F. NONFATALITY 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	NONFATALITY INJURED PERSONS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
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	266	1,152	412	139.19	
CALIFORNIA	11,693	3,028	709	15,678	517.77	2,627	3,944	3,215	7,301	236.81	
COLORADO	15,976	1,591	273	2,518	158.27	613	514	2,297	1,793	348.83	
CONNECTICUT	1,193	524	1,203	990	188.93	188	220	3,206	1,472	214.55	
DELAWARE	1,158	65	1,127	134	206.15	22	19	2,366	33	173.68	
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	
GEORGIA	7,300	783	294	1,774	226.56	1	1	2,740	0	0.00	
HAWAII	156	176	3,091	1	0.57	4	9	6,164	0	0.00	
IDAHO	4,561	450	265	139	30.89	106	82	2,119	130	158.54	
ILLINOIS	4,882	1,194	670	1,913	160.22	191	185	2,854	574	310.27	
IOWA	16,392	1,662	111	1,715	259.06	73	40	1,501	79	197.50	
KANSAS	9,404	270	79	1,133	113.33	295	331	3,074	877	264.95	
KENTUCKY	9,352	1,728	506	3,380	195.60	130	104	2,192	328	315.38	
LOUISIANA	4,298	1,322	843	2,201	166.49	354	366	2,833	38	10.38	
MAINE	2,802	721	821	1,471	175.12	32	19	1,627	39	205.26	
MARYLAND	1,898	1,041	1,041	1,717	238.14	491	590	3,292	1,144	193.90	
MICHIGAN	7,895	1,490	517	15,088	1,012.62	1,609	1,379	2,348	874	63.38	
MINNESOTA	11,875	1,015	234	1,075	105.91	1,227	1,705	3,807	3,948	231.55	
MISSISSIPPI	2,941	275	256	136	49.45	2	1	1,370	0	0.00	
MONTANA	11,346	714	172	395	55.32	120	61	1,393	19	31.15	
NEBRASKA	9,249	283	84	513	181.27	339	374	3,023	898	240.11	
NEVADA	2,465	134	149	162	120.90	7	3	1,174	4	133.33	
NEW HAMPSHIRE	1,244	333	733	438	131.53	95	156	4,499	298	191.03	
NEW JERSEY	1,287	927	1,973	1,844	198.92	96	79	2,255	1,326	1,678.48	
NEW MEXICO	2,559	251	269	424	168.92	386	201	1,427	664	330.35	
NEW YORK	10,806	4,408	1,118	19,198	435.53	29	15	1,417	19	126.67	
NORTH DAKOTA	8,053	231	79	173	74.89	-	-	-	-	-	
OHIO	7,324	2,200	823	3,626	164.82	462	284	1,684	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	624	379	1,664	721	190.24	
SOUTH CAROLINA	4,015	607	414	512	84.35	52	64	3,372	118	184.38	
SOUTH DAKOTA	7,335	1,937	493	165	102.48	5	1	548	0	0.00	
TENNESSEE	10,770	2,339	311	2,820	145.59	3,902	4,621	3,245	89	1.93	
TEXAS	20,612	2,337	135	2,379	101.71	91	41	1,234	116	282.93	
UTAH	4,736	233	135	296	127.04	-	-	-	-	-	
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	3	5	4,556	1	20.00	
WISCONSIN	7,236	923	349	1,506	163.16	545	459	2,307	861	187.58	
WYOMING	7,583	416	150	213	51.20	18	12	1,826	0	0.00	
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											
1/ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

TABLE 6-G. NONFATALITY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL					STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		
				NUMBER	RATE λ					RATE λ	NUMBER	RATE λ
COMPLETE DATA						COMPLETE DATA						
ALABAMA	48,459	3,024	171	4,984	164.81	ALABAMA	10,101	2,124	576	9,614	452.64	
ALASKA	7,146	404	155	1,209	299.26	ALASKA	1,339	446	913	44	9.87	
ARIZONA	54,715	1,613	81	4,112	254.93	ARIZONA	6,347	1,334	350	4,866	364.77	
ARKANSAS	44,971	1,045	64	1,064	101.82	ARKANSAS	4,786	611	350	2,041	334.04	
CALIFORNIA	73,912	7,337	272	22,935	312.59	CALIFORNIA	43,913	23,438	1,462	29,410	125.48	
COLORADO	41,375	780	52	1,625	208.33	COLORADO	7,387	3,224	1,196	3,100	96.15	
CONNECTICUT	6,029	865	393	1,776	205.32	CONNECTICUT	6,757	1,833	6,439	6,439	351.28	
DELAWARE	2,695	427	434	1,049	245.67	DELAWARE	1,072	456	1,165	617	135.31	
DIST. OF COL.						GEORGIA	14,054	4,825	941	7,963	165.04	
GEORGIA	55,975	2,820	138	4,908	174.04	HAWAII	902	1,264	3,839	1,582	125.16	
HAWAII	1,650	484	804	489	101.03	IDAHO	1,382	1,46	289	1,245	852.77	
IDAHO	57,154	1,026	49	1,760	171.54	ILLINOIS	21,755	6,784	884	44,962	662.77	
ILLINOIS	76,707	3,313	118	6,325	190.91	IOWA	5,293	1,113	576	2,804	251.93	
IOWA	65,205	1,438	60	2,572	178.86	KANSAS	6,135	1,481	561	4,621	312.02	
KANSAS	83,473	1,225	40	2,796	228.24	KENTUCKY	4,916	1,740	970	4,541	260.98	
KENTUCKY	41,575	1,894	125	4,197	221.59	LOUISIANA	8,814	892	277	13,955	1,564.46	
LOUISIANA	31,169	2,037	179	6,946	340.99	MAINE	1,335	207	395	624	301.45	
MAINE	11,885	864	199	2,764	319.91	MARYLAND	8,314	1,598	560	13,061	769.20	
MARYLAND	10,425	1,098	289	2,960	269.58	MICHIGAN	17,575	3,545	549	60,609	1,709.70	
MICHIGAN	58,866	2,411	112	2,498	93.14	MINNESOTA	9,758	2,553	717	4,248	166.39	
MINNESOTA	80,750	2,324	179	1,035	44.54	MISSISSIPPI	4,820	1,218	632	2,527	207.47	
MISSISSIPPI	43,947	2,164	135	2,408	111.28	MONTANA	1,565	748	1,231	2,455	328.21	
MONTANA	46,825	769	45	847	175.11	NEBRASKA	3,586	572	437	1,403	245.28	
NEBRASKA	59,201	1,173	54	2,101	179.11	NEVADA	2,220	410	506	1,470	358.54	
NEVADA	34,126	268	22	2,244	91.04	NEW HAMPSHIRE	1,395	233	458	696	298.71	
NEW HAMPSHIRE	8,499	488	157	1,447	296.52	NEW JERSEY	15,789	10,071	1,748	18,454	183.24	
NEW JERSEY	7,563	847	307	3,155	372.49	NEW MEXICO	4,179	1,154	757	2,990	259.10	
NEW MEXICO	37,599	764	56	1,680	219.90	NEW YORK	25,361	7,199	778	41,037	570.04	
NEW YORK	48,517	3,862	218	32,893	851.71	NORTH DAKOTA	1,026	258	689	562	256.59	
NORTH DAKOTA	53,954	722	33	627	86.84	OHIO	20,933	11,616	1,520	48,075	413.87	
OHIO	57,500	9,067	432	9,581	105.67	OKLAHOMA	8,164	3,025	1,015	1,520	200.89	
OKLAHOMA	68,277	1,756	70	3,973	226.25	OREGON	5,709	985	473	6,077	360.10	
PENNSYLVANIA	63,825	1,437	62	1,151	80.10	PENNSYLVANIA	19,585	5,399	755	36,253	671.48	
RHODE ISLAND	60,946	5,421	244	10,327	190.50	RHODE ISLAND	3,154	1,019	885	1,209	118.65	
SOUTH CAROLINA	1,098	300	749	66	22.00	SOUTH CAROLINA	6,433	598	255	3,110	520.07	
SOUTH CAROLINA	35,818	1,856	142	3,082	166.06	SOUTH DAKOTA	1,132	243	588	562	231.28	
TENNESSEE	47,073	543	32	758	139.59	TENNESSEE	10,227	3,012	807	6,396	212.35	
TEXAS	142,108	1,548	90	7,461	481.98	TEXAS	57,327	22,090	1,056	90,755	410.84	
UTAH	34,035	4,311	83	17,319	401.74	UTAH	1,471	1,471	1,005	2,685	182.53	
VIRGINIA	33,040	2,919	40	1,350	271.08	VIRGINIA	9,960	4,587	1,262	7,442	162.24	
WASHINGTON	46,410	502	242	5,527	189.35	WASHINGTON	10,617	288	196	6,948	916.52	
WEST VIRGINIA	20,993	764	30	7,613	1,516.53	WEST VIRGINIA	1,899	416	416	1,753	608.68	
WISCONSIN	66,234	2,223	92	4,258	557.33	WISCONSIN	9,481	4,477	1,294	15,883	354.77	
WYOMING	23,302	2,250	29	5,745	259.43	WYOMING	1,078	150	381	367	244.67	
SUBTOTAL	1,948,151	80,881	114	222,219	274.75	SUBTOTAL	411,885	141,295	940	519,102	367.39	
INCOMPLETE DATA						INCOMPLETE DATA						
FLORIDA						DIST. OF COL.						
INDIANA						FLORIDA						
MASSACHUSETTS						INDIANA						
MASSACHUSETTS						MASSACHUSETTS						
MISSOURI						MISSOURI						
MISSOURI						MISSOURI						
NORTH CAROLINA						NORTH CAROLINA						
NORTH CAROLINA						NORTH CAROLINA						
VERMONT						VERMONT						
λ NONFATALITY 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 - 1986¹

HIGHWAY SYSTEM	HIGHWAY MILES Z/	VEHICLE MILES (MILLIONS) Z/	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES		NONFATAL INJURY PERSONS 4/	
				NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/
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	11,060	231,177	57,266	1,908	172.51	107,472	9,717.2	2,139	193.40	14,659.9	1,465.9
TOTAL	43,844	390,654	24,411	3,716	84.76	144,330	3,231.9	4,251	96.96	221,027	5,041.2
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	225,416	286,046	3,461	8,570	37.85	194,552	859.3	10,171	44.92	326,992	1,444.2
URBAN	32,973	251,425	20,891	4,014	121.74	317,042	9,615.2	4,408	133.65	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	90,461	326,528	9,889	7,351	81.26	569,489	6,295.4	7,931	87.67	863,633	9,547.0
TOTAL (ALL URBAN)	146,121	70,812	3,486	1,292	23.21	107,365	1,928.9	1,380	24.79	155,235	2,789.0
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	19,290	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	879,942	12,678	14,565	76.60	1,101,368	5,792.0	15,858	83.40	1,670,463	8,784.8
TOTAL	847,268	1,482,816	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	1,328.3
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	547	22,322	7.02	676,457	212.8	25,749	8.10	1,060,015	333.5
URBAN	701,414	1,088,165	4,230	18,740	26.72	1,377,243	2,248.7	20,307	28.95	2,345,585	3,345.8
TOTAL	3,879,538	1,838,240	1,298	41,062	10.58	2,253,700	580.9	46,056	11.87	3,409,600	878.9

1/ 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 INJURY PERSONS ARE BASED ON THE PARTIAL TABLES REPORTED BY STATES WHICH ARE DISPLAYED IN THE FOLLOWING TABLE, TOGETHER WITH TOTALS REPORTED BY MOST STATES.

2/ 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

3/ 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.

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

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

STATE	POPULATION		RATES PER THOUSAND PERSONS			
	NUMBER (THOUSANDS)	VEHICLE MILES PER CAPITA	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY 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	1/ 8.28	1/ 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 (THOUSANDS)	VEHICLE MILES PER DRIVER	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY 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 (THOUSANDS)	VEHICLE MILES PER VEHICLE	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY 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	2,685	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*
FEDERAL-AID										
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
NON-FEDERAL-AID										
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
TOTAL	9818	10965	566	5.16	34430	314.00	620	5.65	52142	475.53

* 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 $3/(100 \text{ million})$ 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.

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*
*
*          USING RATE-DENSITY RELATIONSHIPS
*
*
*   Rate-density curves may be regarded as sets of provisional
*   national norms for fatality rates. Figure 7-A1 on page 53 shows
*   the rate-density curve for all roads in the United States.
*
*   For a particular State, the value of the provisional national
*   norm depends on the daily number of vehicle miles per mile of
*   highway--or average daily traffic (ADT) in that State. For a
*   State with a daily average of 2,000 vehicle miles of travel per
*   mile of highway, Figure 7-A1 indicates that a normal fatality
*   rate would be slightly under 3 fatalities per 100 million
*   vehicle miles.
*
*   Some random deviation of State rates from provisional national
*   norms is expected. Most of this random deviation would fall
*   within provisional ranges such as those shown in Figure 7-A2 on
*   page 54. Differences in the width of provisional ranges reflect
*   differences in volumes of travel; ranges are widest in the States
*   with the least travel. When State rates fall above or below the
*   provisional ranges, the deviation from the provisional national
*   norm is likely to be caused by something other than random
*   variation. Possible causes include effective safety programs,
*   hazardous highways, inconsistent data, and many other
*   contributing factors.
*
*   Figure 7 may be used to answer questions such as:
*
*   1. Where are successful safety programs most likely to be found?
*
*       See Figures 7-A2, -B2, etc. Those States where the 1986
*       fatality rate is to the left of the provisional range are
*       most likely to have successful safety programs.
*
*   2. Are safety programs in a particular State more likely to
*       have been successful on some systems than on others?
*
*       See Figures 7-C2, -D2, etc. Safety programs are more likely
*       to have been successful on those highway systems where the
*       1986 fatality rate is to the left of the provisional range.
*
*   3. Where, in a particular State, is the greatest potential for
*       improvement of safety programs likely to be found?
*
*       See Figures 7-C2, -D2, etc. The greatest potential for
*       reduction of traffic deaths in a State is likely to be on
*       those highway systems where the 1986 fatality rate is to the
*       right of the provisional range.
*
*****

```

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

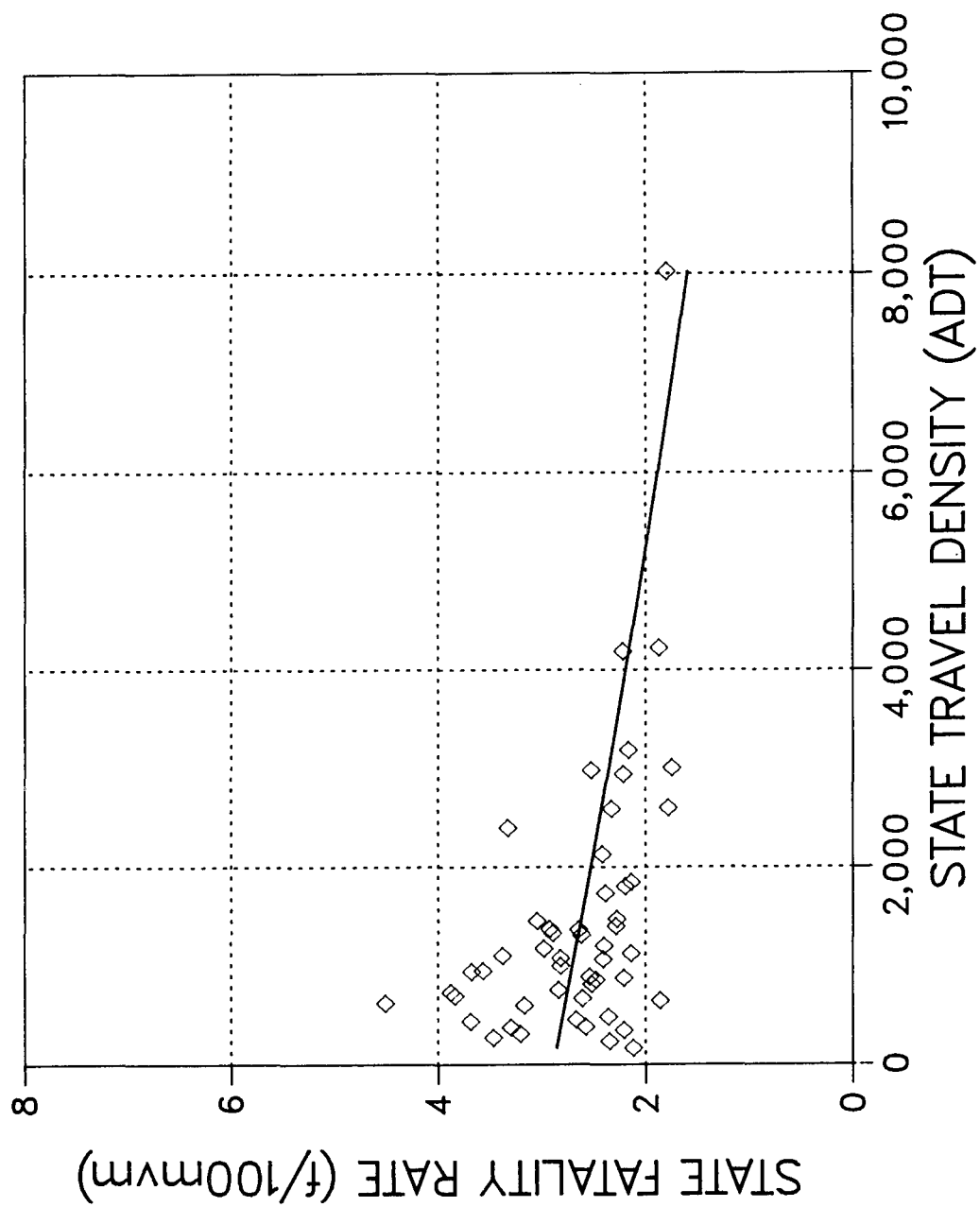


Figure 7-A2 FATALITY RATE BY STATE-ALL HIGHWAYS (1990)

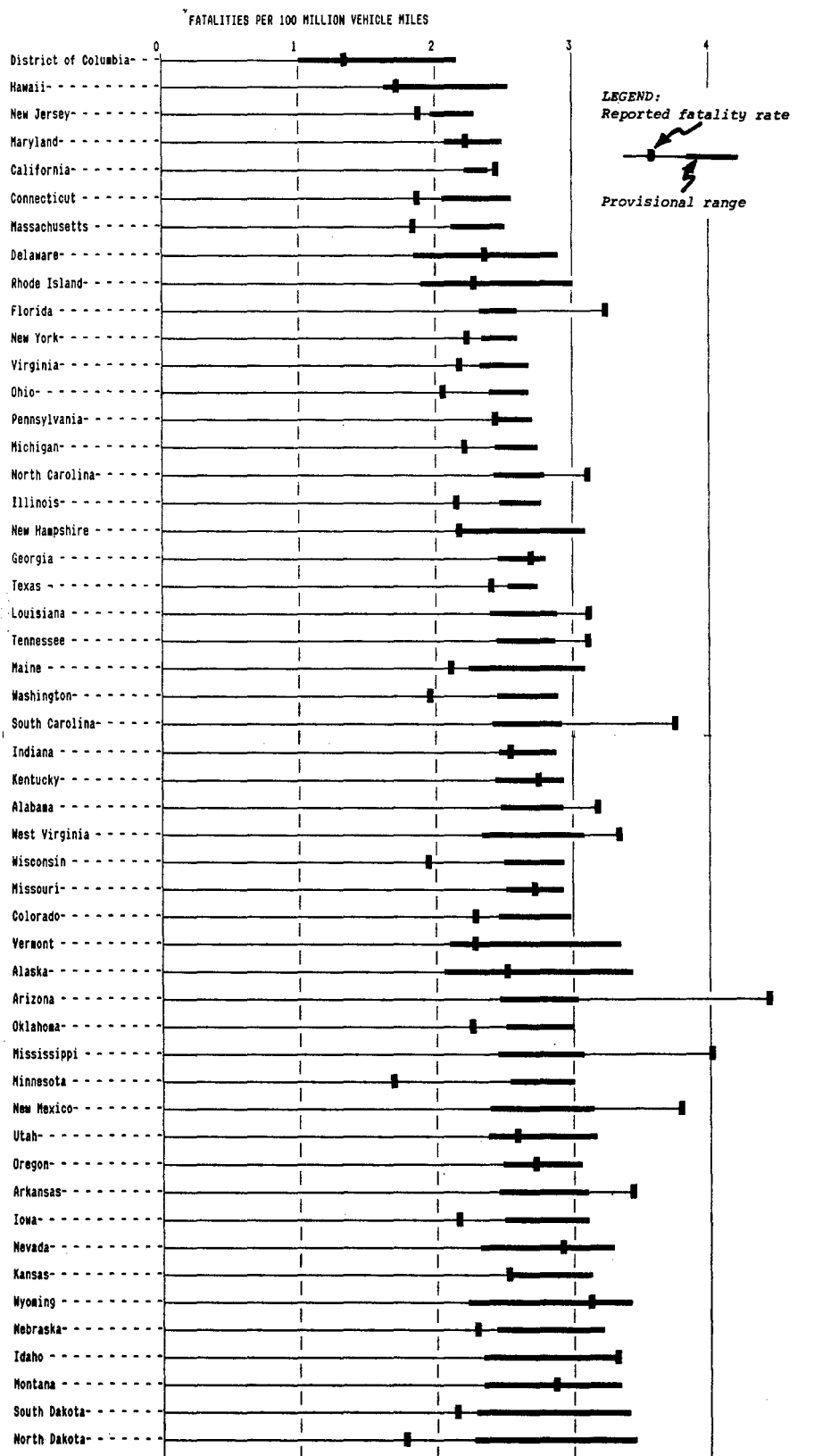


Fig. 7-B1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
RURAL AND URBAN HIGHWAYS

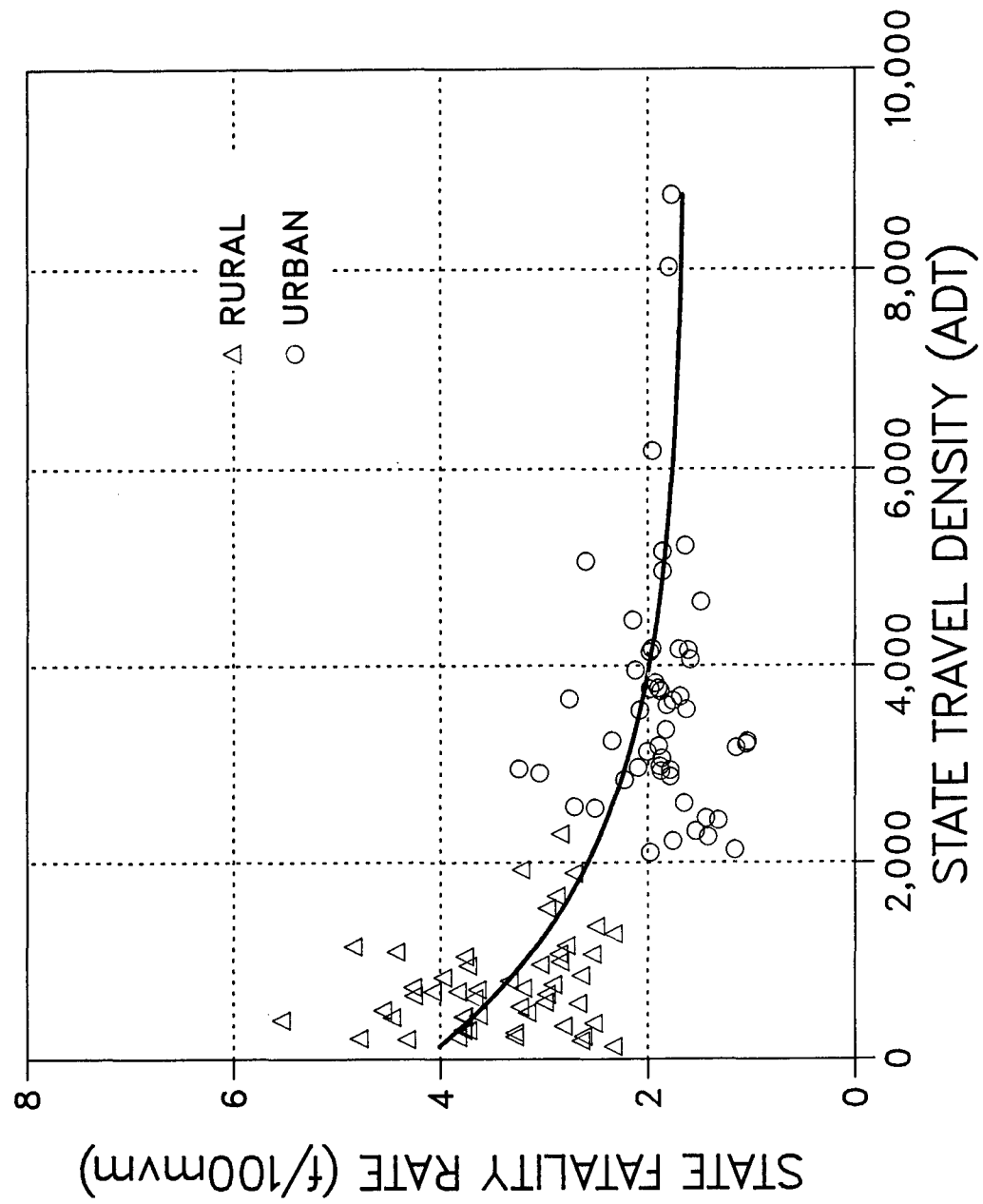


Figure 7-B2a FATALITY RATE BY STATE-ALL RURAL HIGHWAYS (1980)

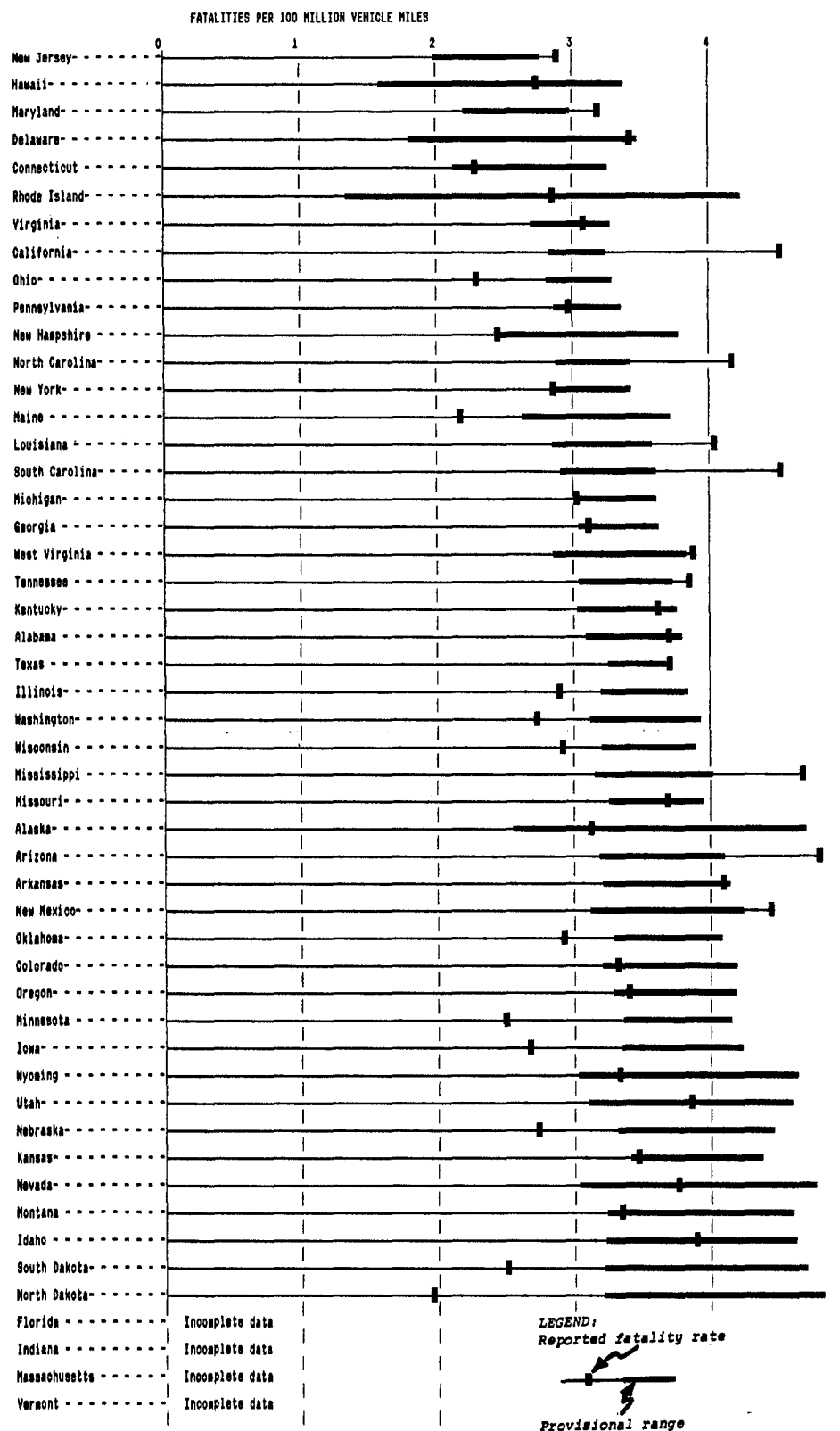


Figure 7-B2b FATALITY RATE BY STATE-ALL URBAN HIGHWAYS (1988)

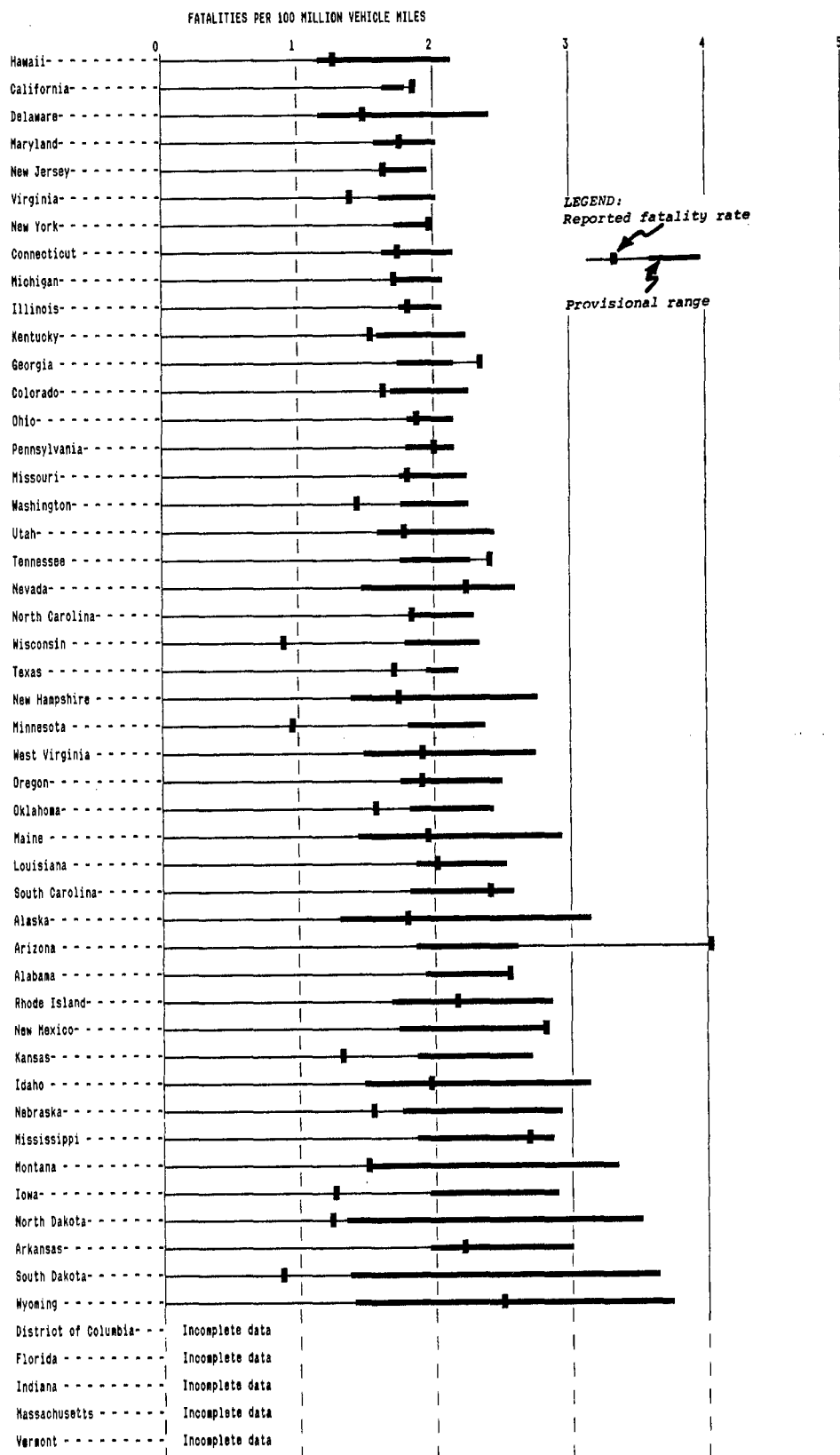


Fig. 7-C1a. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
INTERSTATE SYSTEM

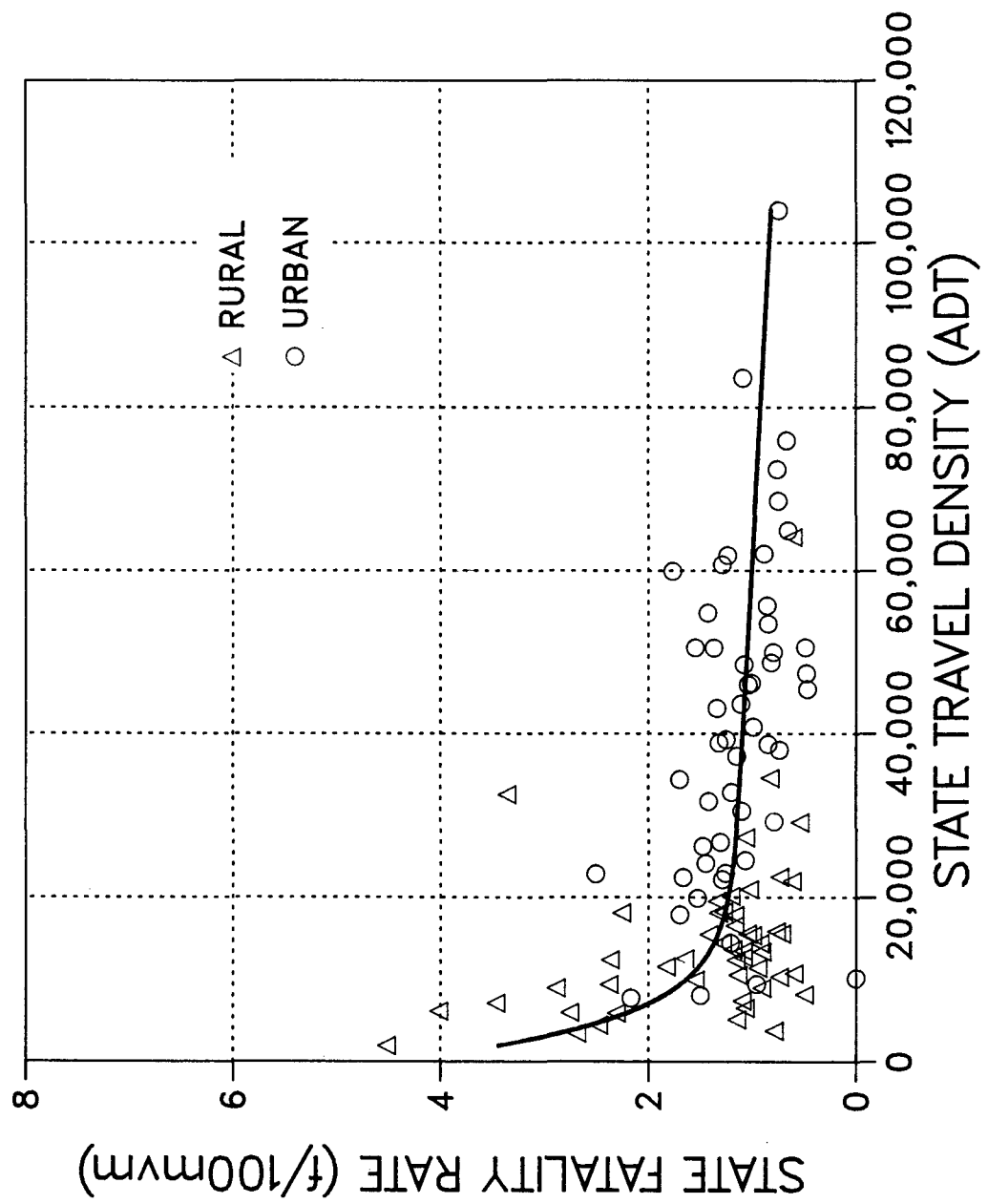


Fig. 7-C1b. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
RURAL INTERSTATE SYSTEM

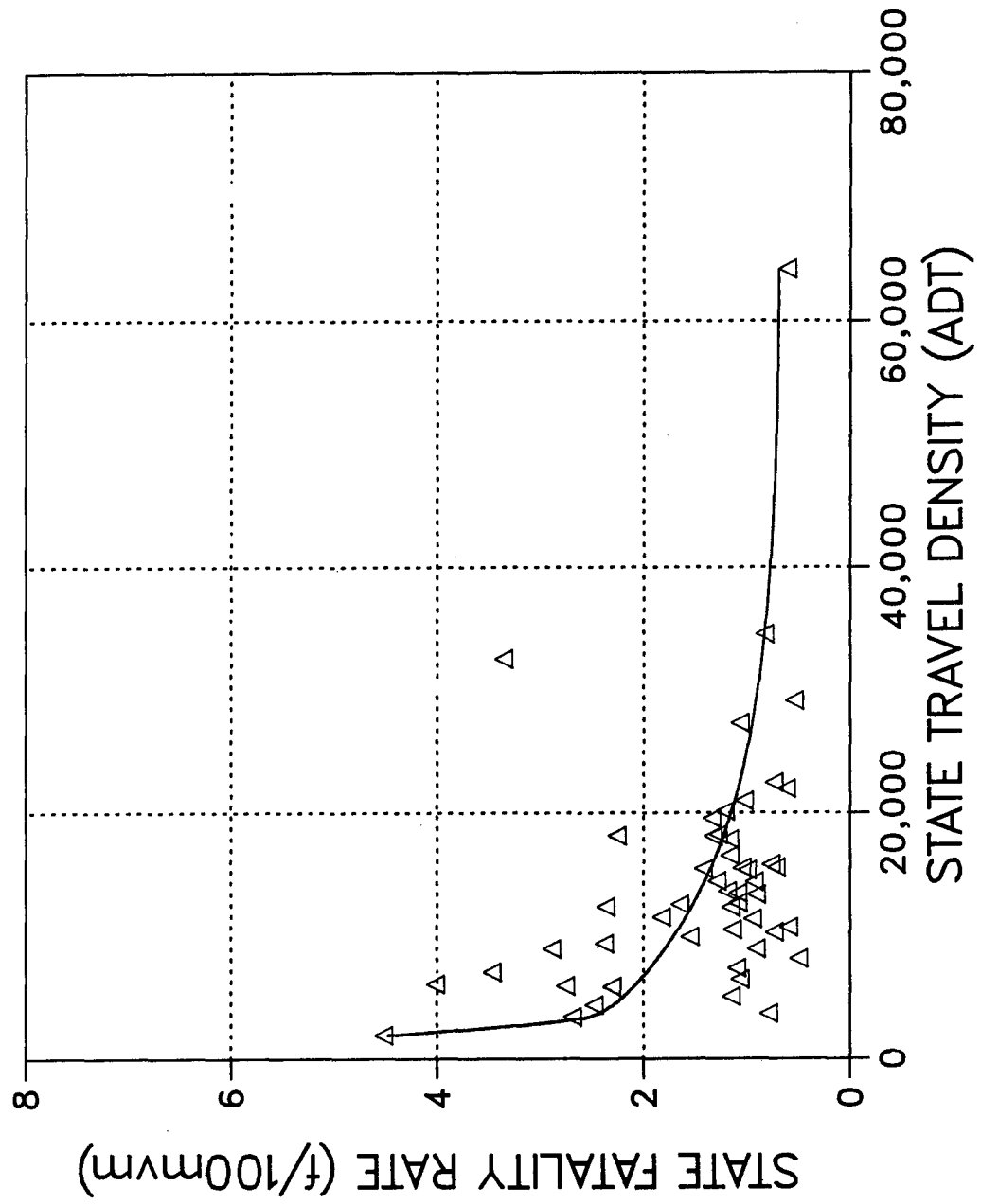


Fig. 7-C1c. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
URBAN INTERSTATE SYSTEM

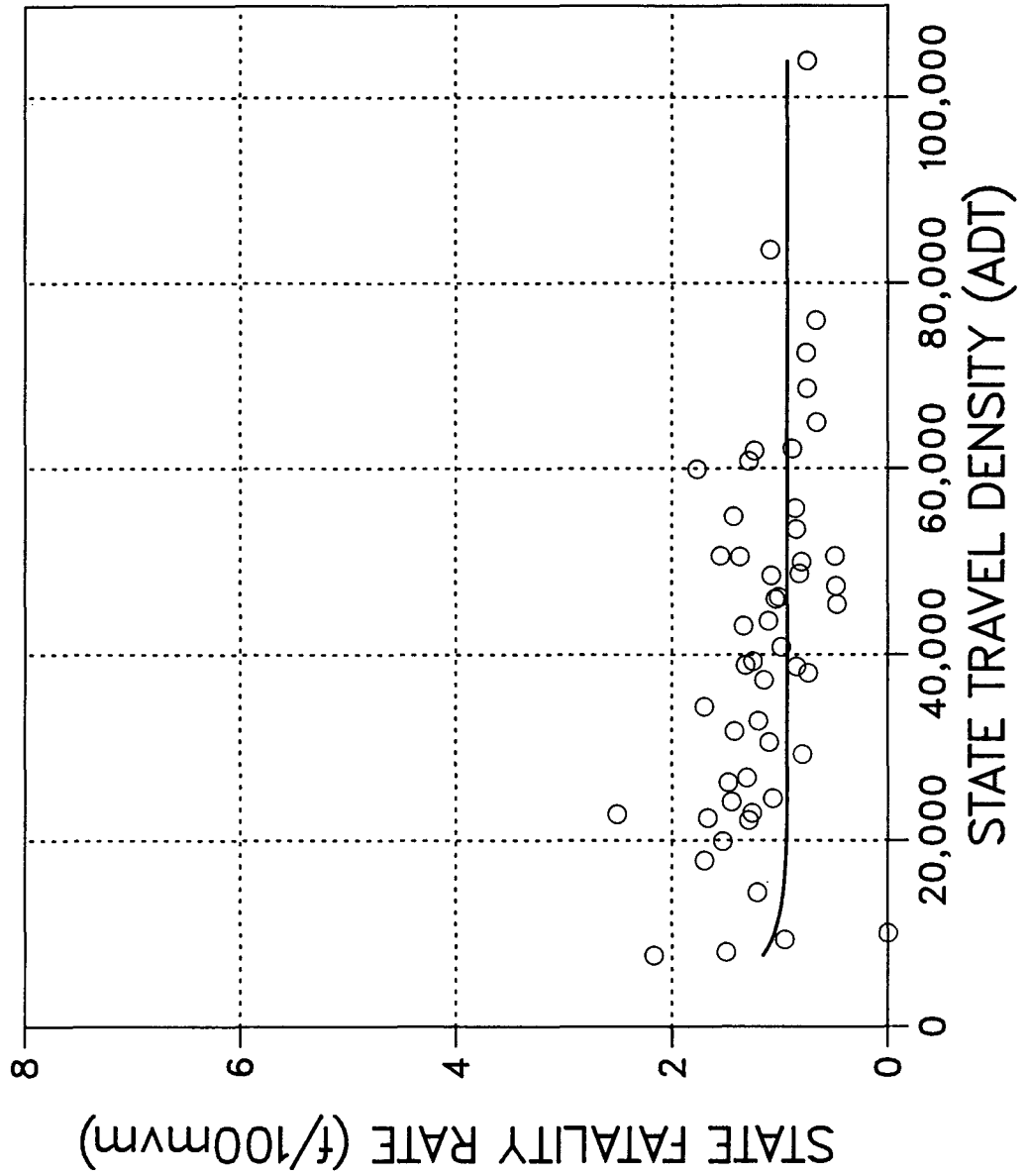


Figure 7-C2a FATALITY RATE BY STATE-RURAL INTERSTATE HIGHWAYS 1980

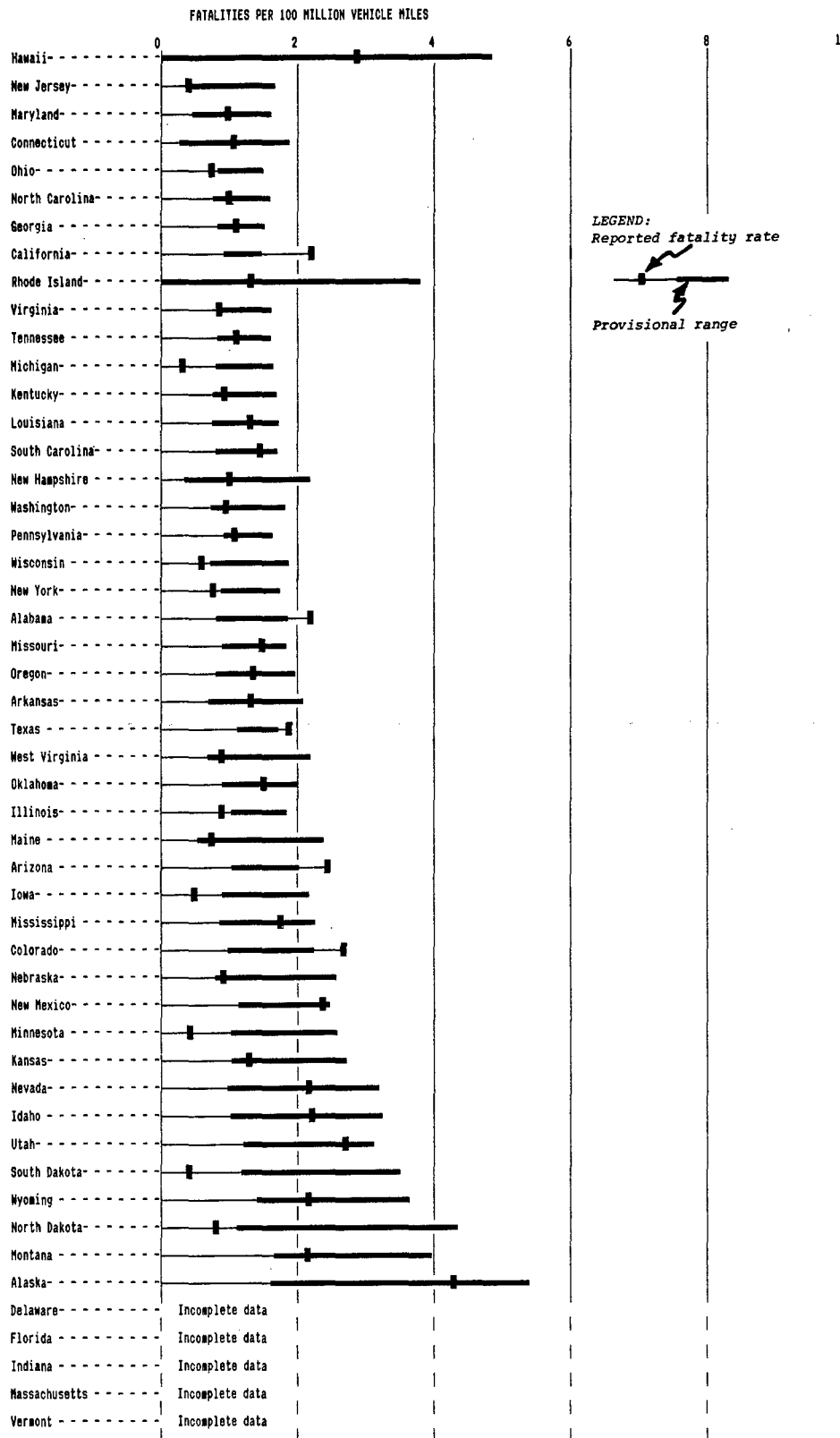


Figure 7-C2b FATALITY RATE BY STATE-URBAN INTERSTATE HIGHWAYS 1968

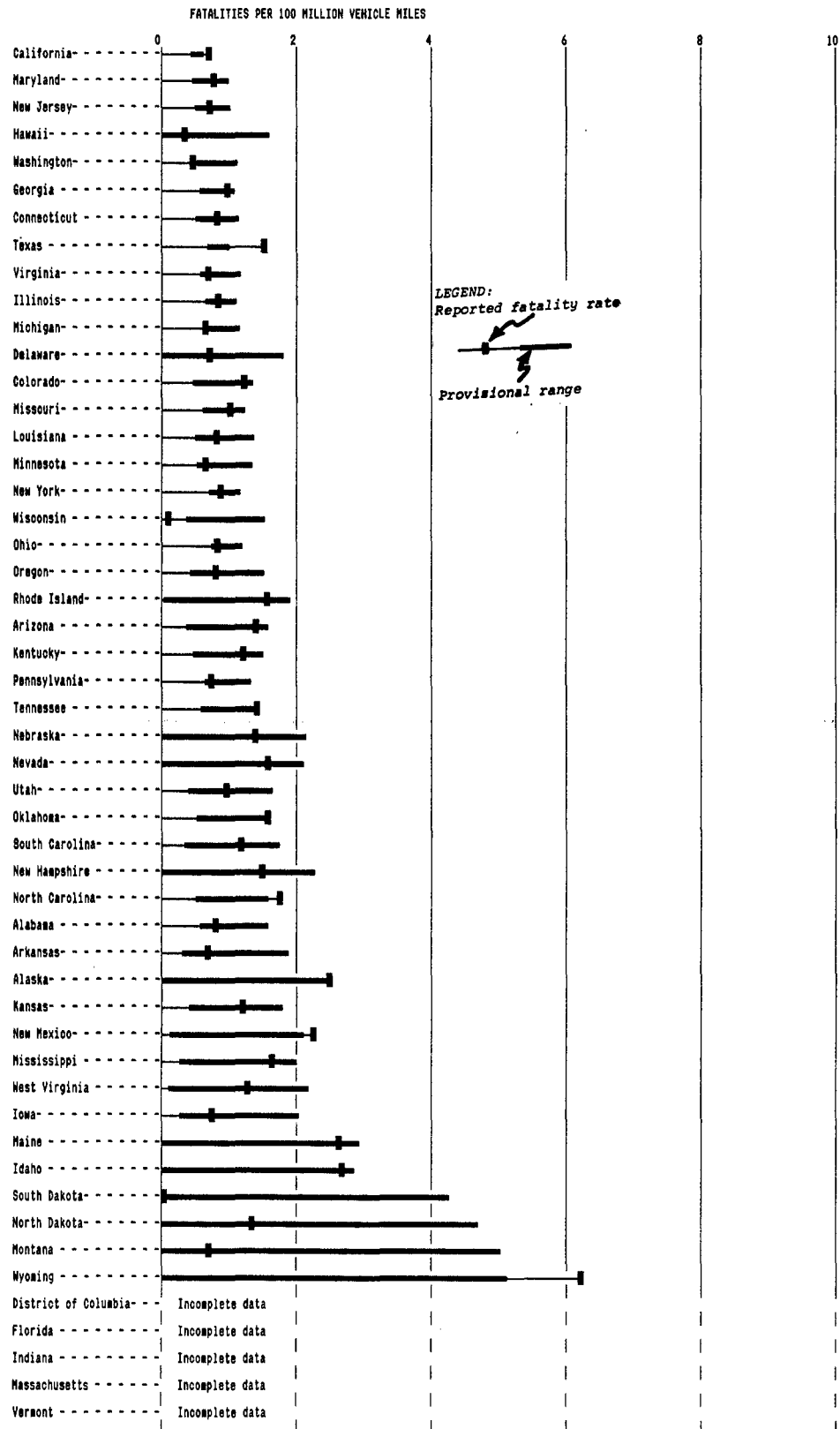
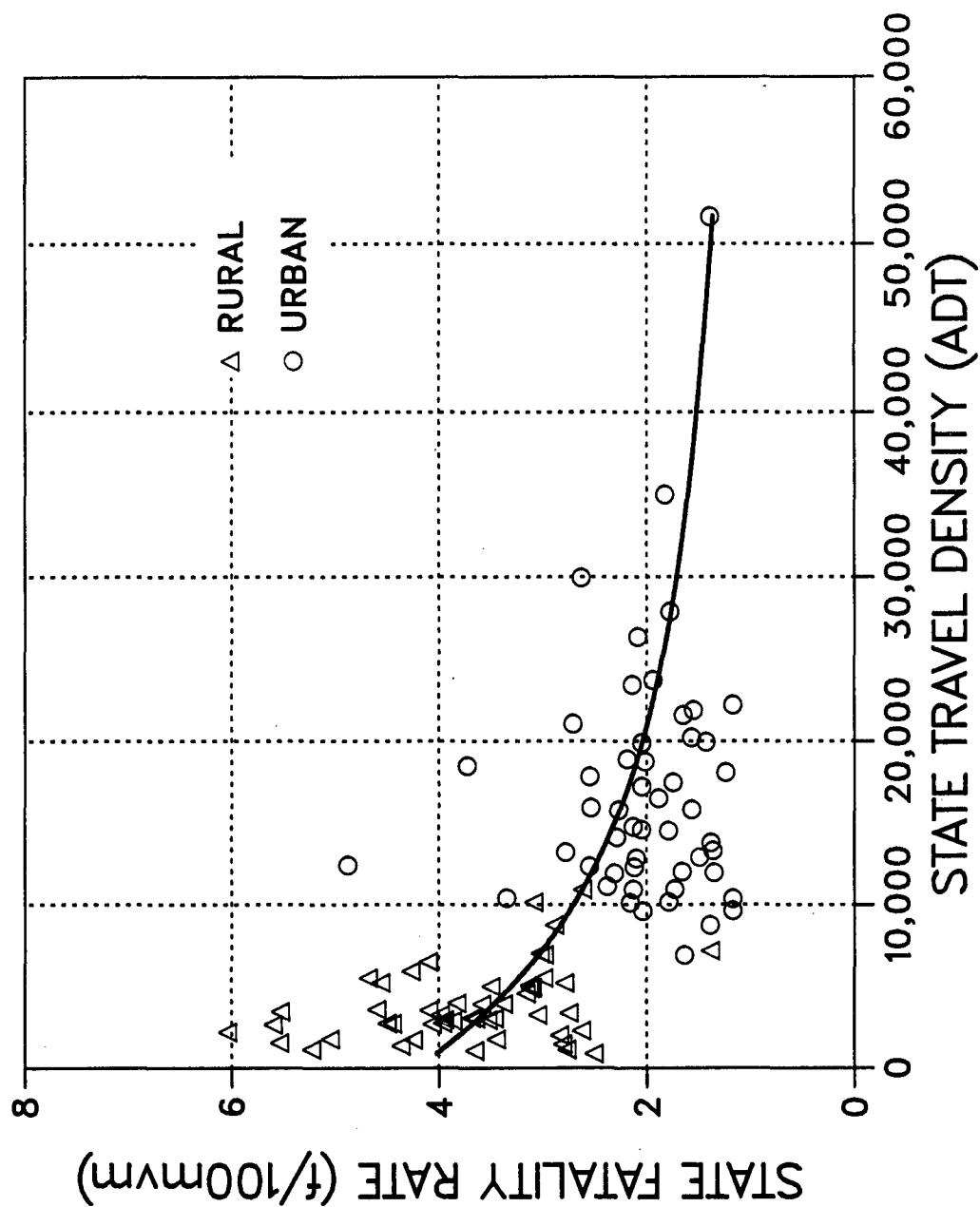
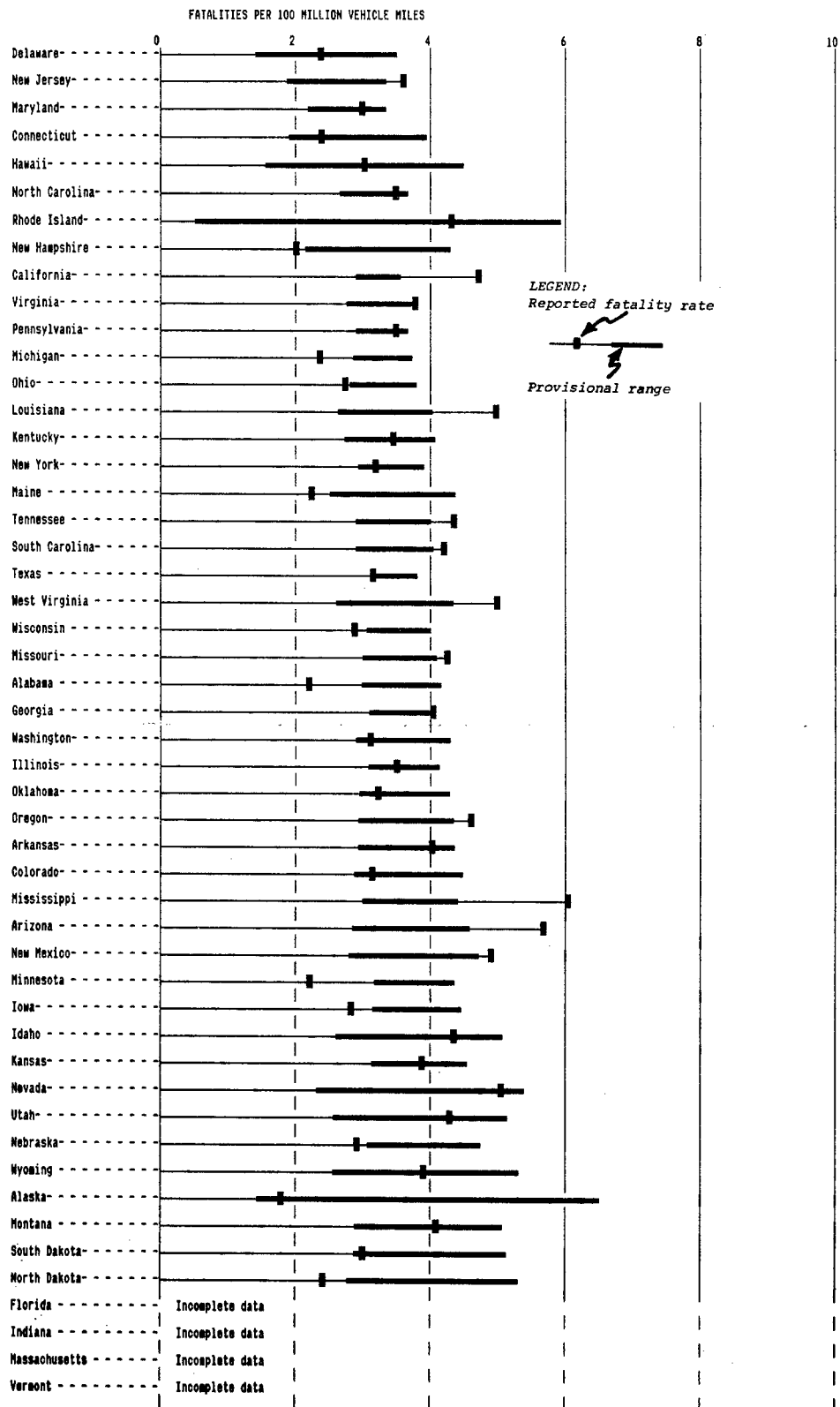


Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
OTHER FEDERAL-AID PRIMARY HIGHWAYS



**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 (1966)**

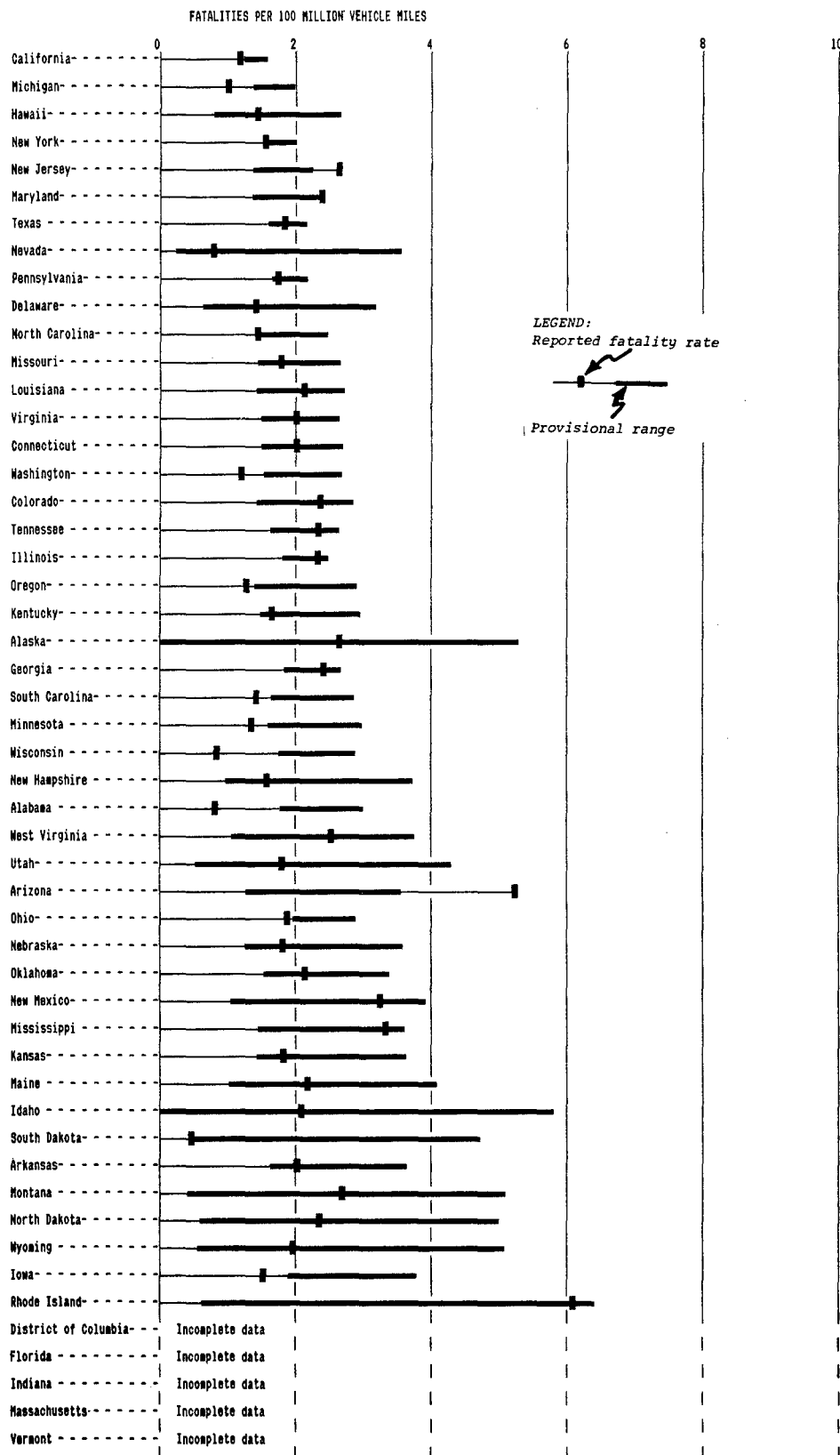


Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
FEDERAL-AID SECONDARY AND URBAN SYSTEMS

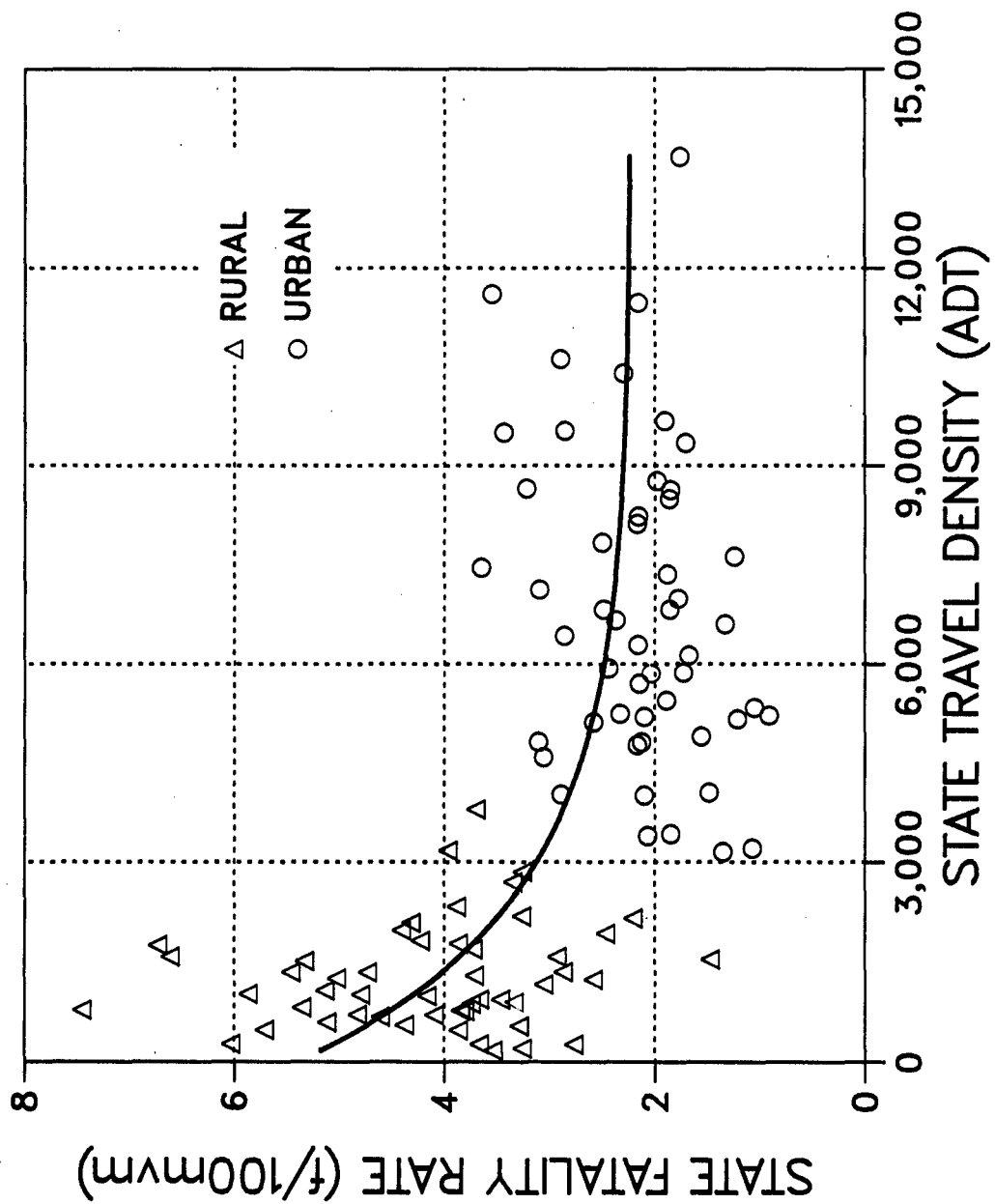


Figure 7-E2a FATALITY RATE BY STATE--FEDERAL-AID SECONDARY HIGHWAYS (1986)

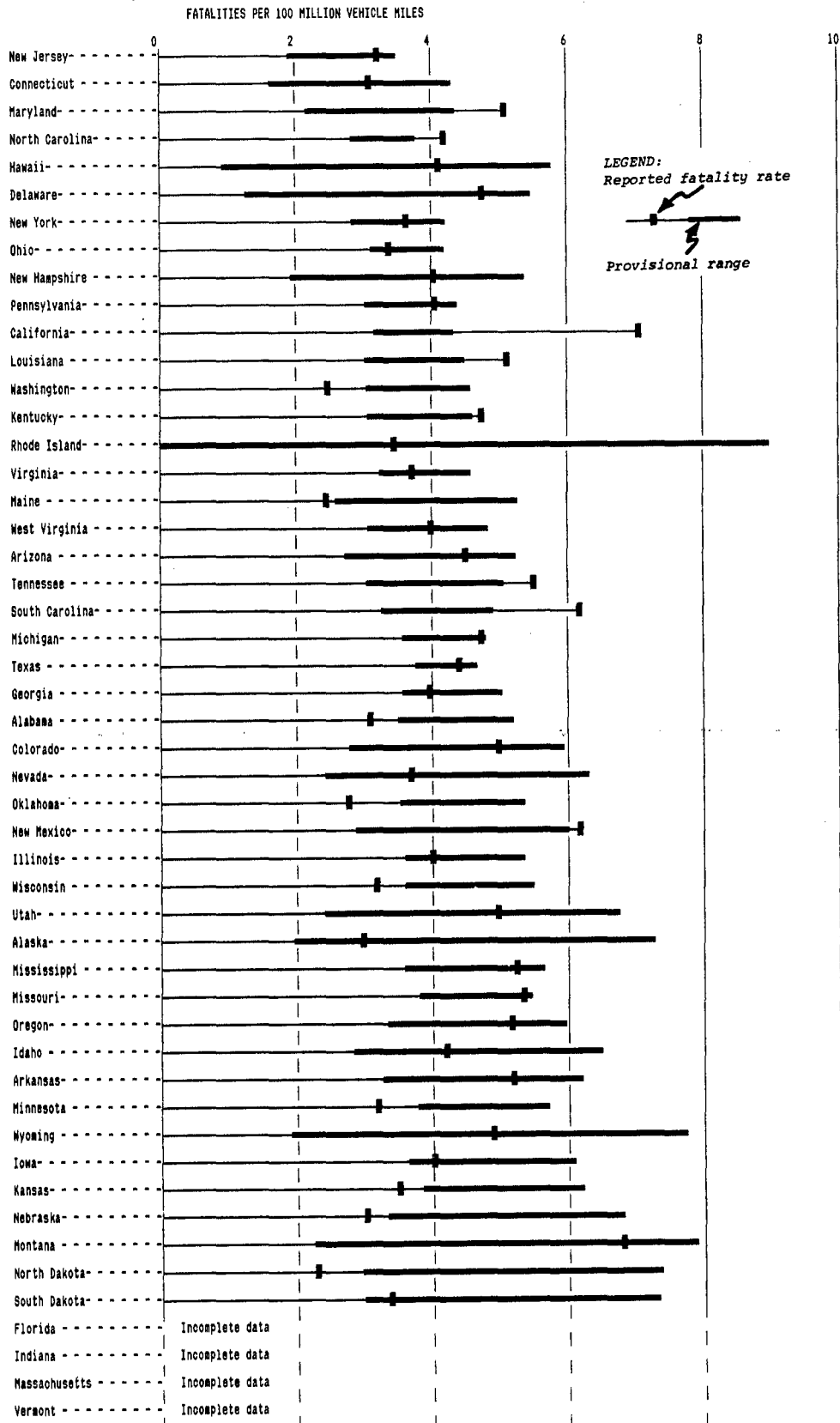


Figure 7-E2b FATALITY RATE BY STATE-FEDERAL-AID URBAN SYSTEM HIGHWAYS (1966)

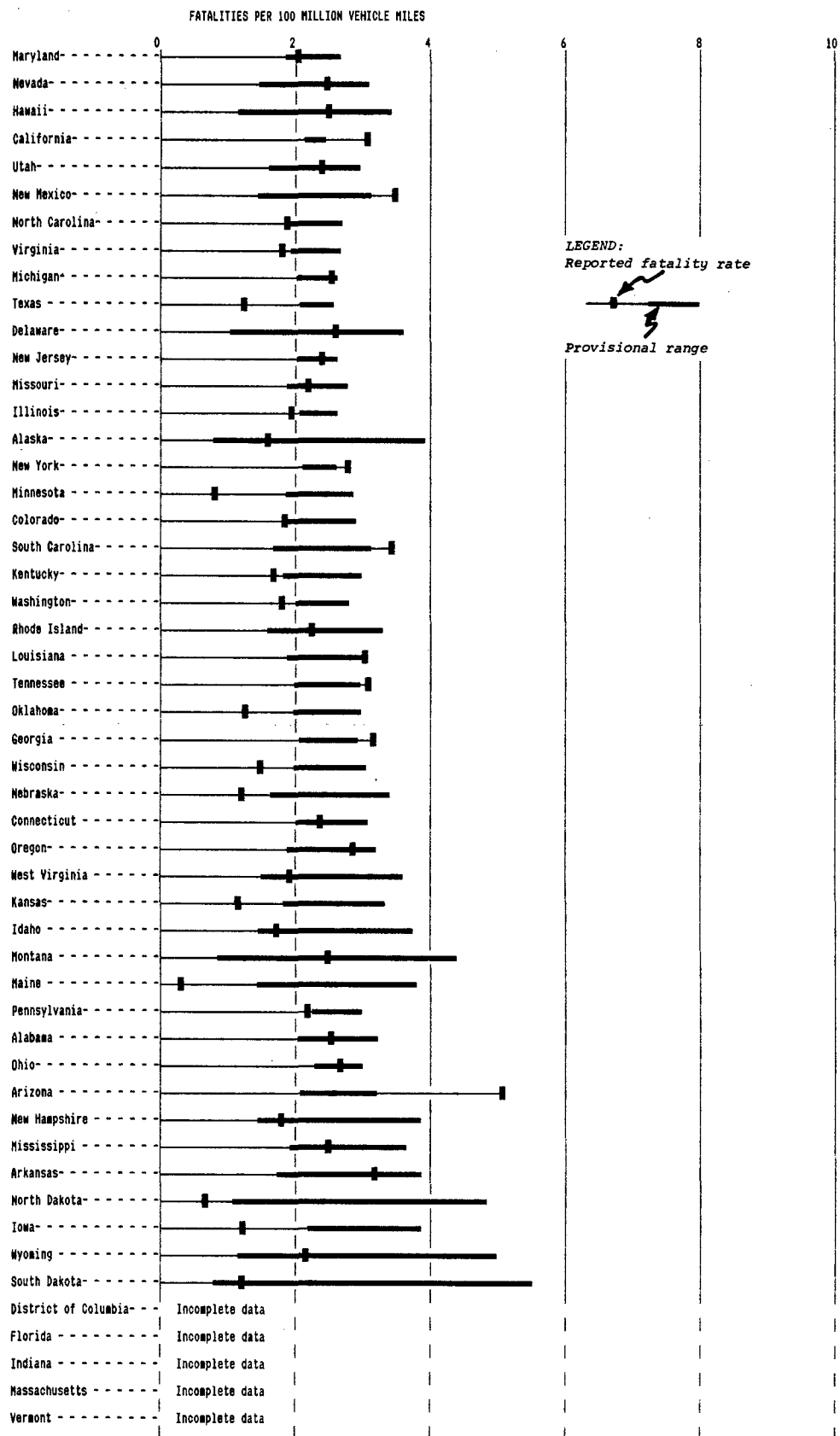


Fig. 7-F1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
NON-FEDERAL-AID HIGHWAYS

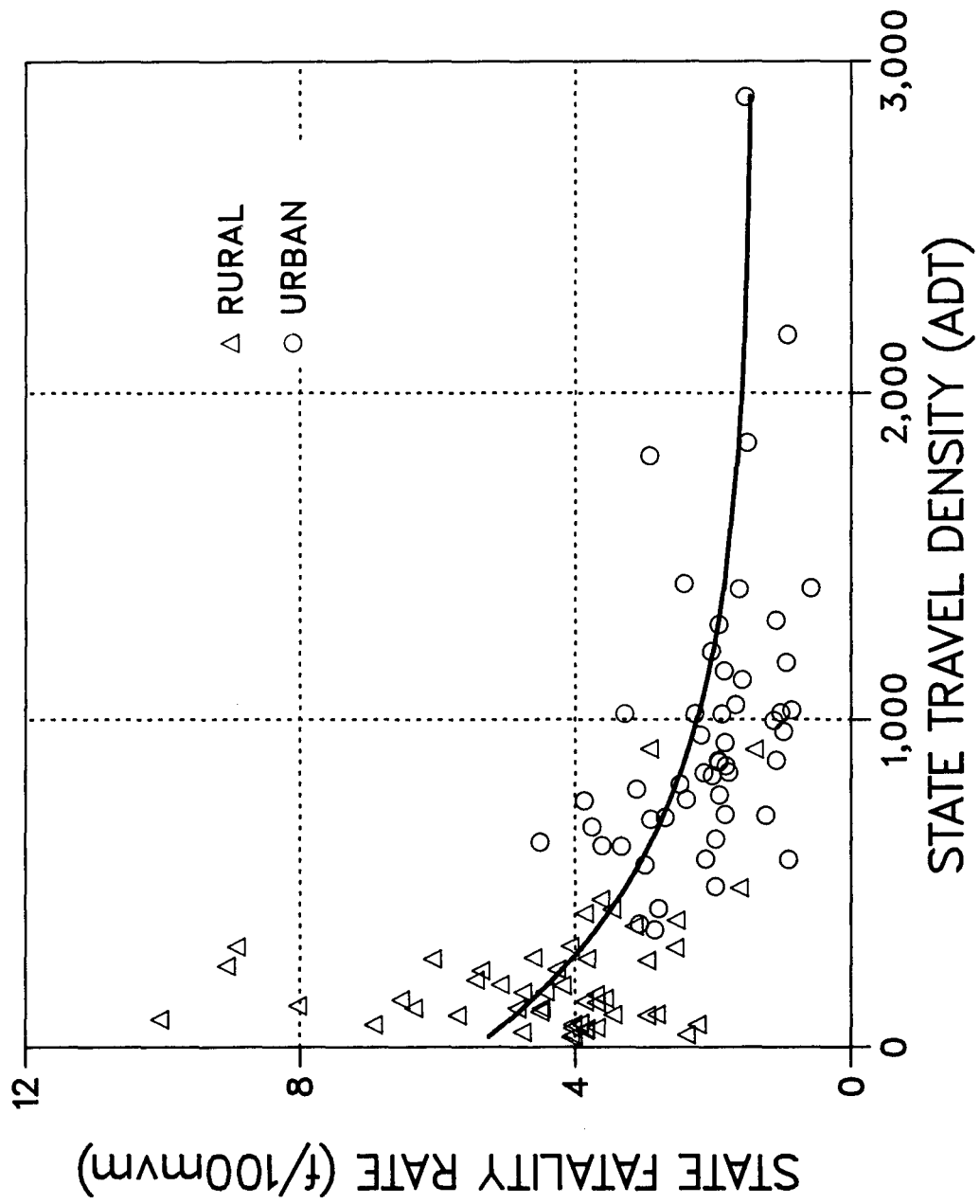


Figure 7-F2a FATALITY RATE BY STATE—RURAL NON-FEDERAL-AID HIGHWAYS (1990)

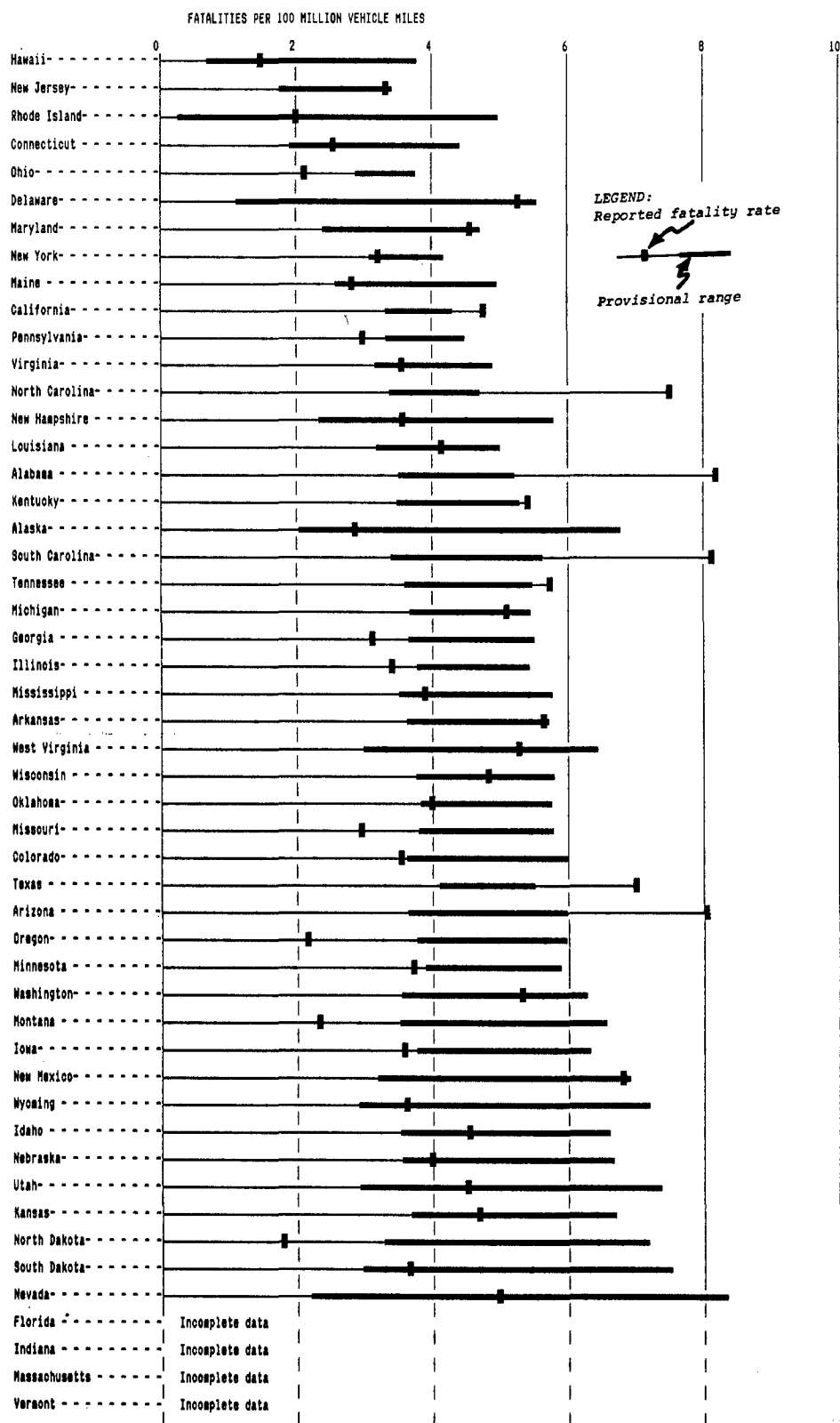
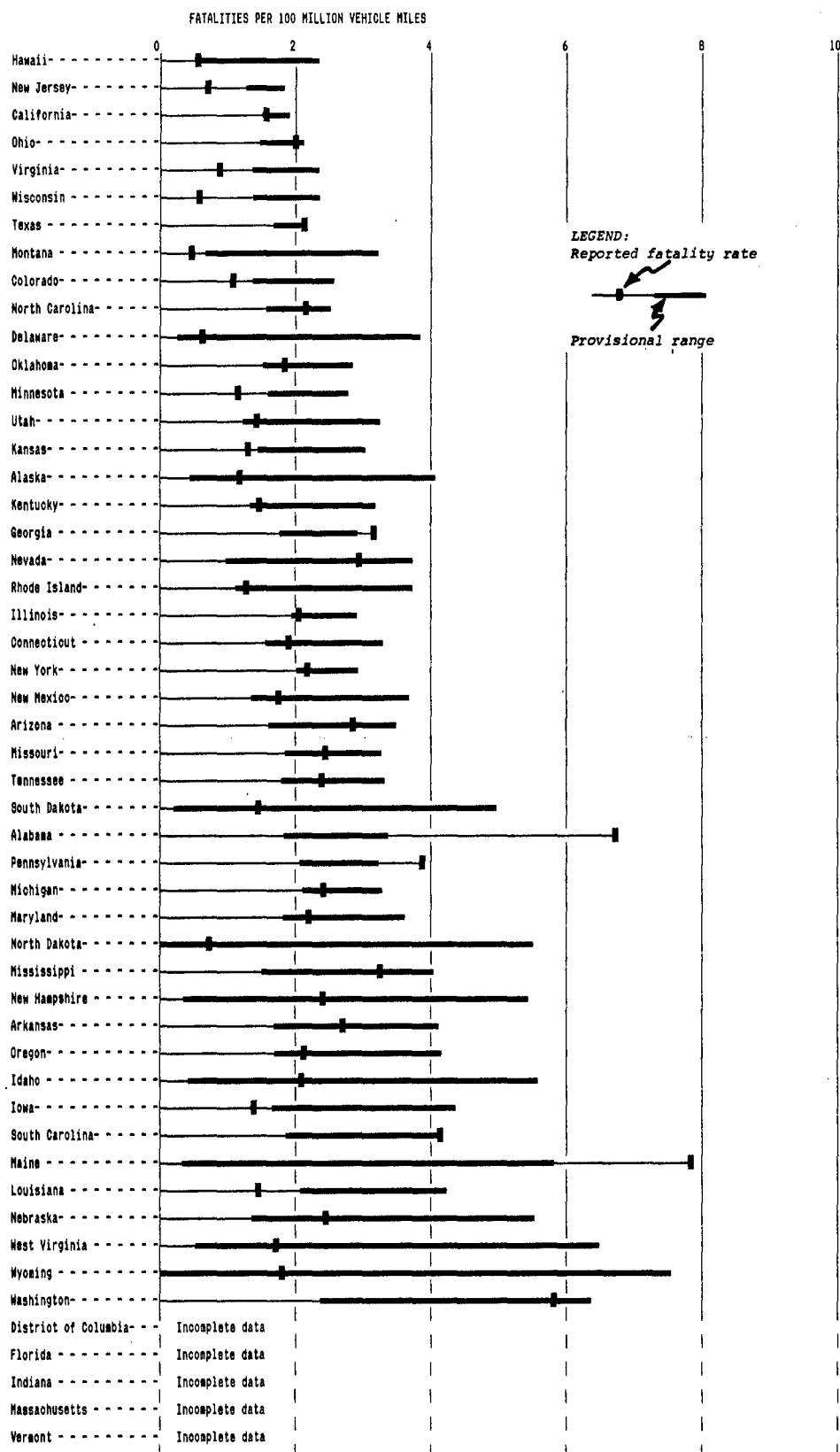


Figure 7-F2b FATALITY RATE BY STATE-URBAN NON-FEDERAL-AID HIGHWAYS (1980)



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.

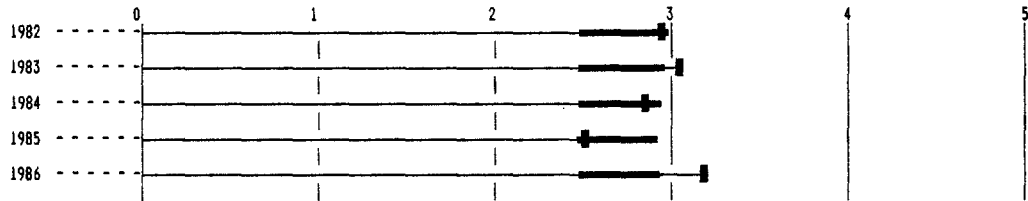
Figure 8 is designed to show, within each State, the pattern of observed rates over the 5-year period and the relationship of observed rates to provisional ranges. Because of differences in the magnitude of individual State rates, not all States are shown at the same scale. It is not intended that Figure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

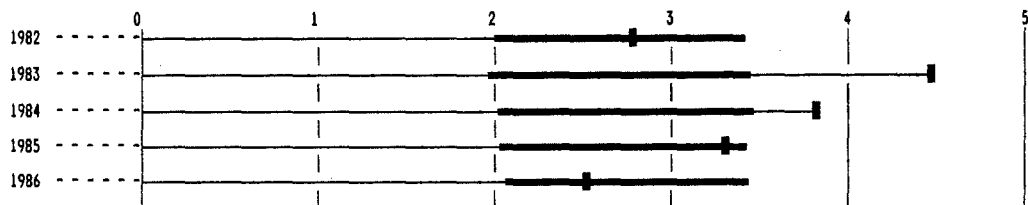
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*****
*
*           Figure 8 may be used to answer questions such as:
*
*           1. Are the fatality rates in a State improving?
*
*           See pages 73-83. Most States show steadily
*           improving fatality rates. A few do not.
*
*           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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*
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Figure 8 STATE FATALITY RATES (1982-1986)

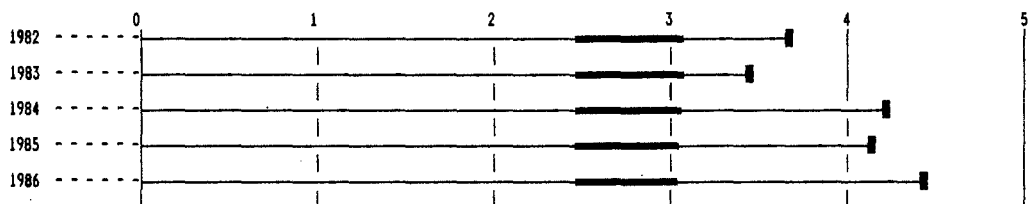
ALABAMA



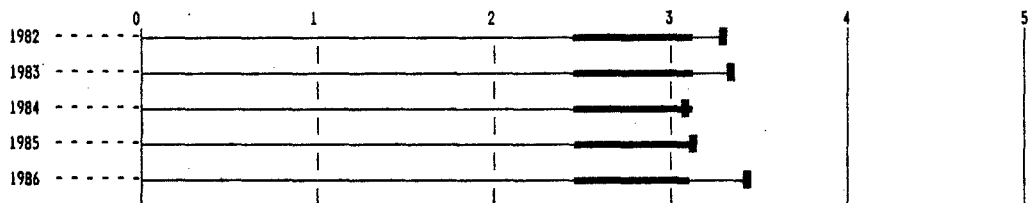
ALASKA



ARIZONA



ARKANSAS



CALIFORNIA

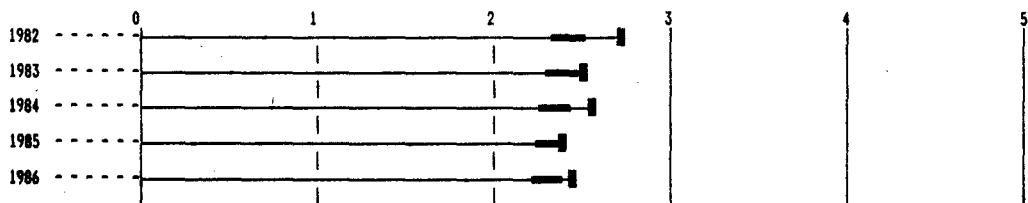
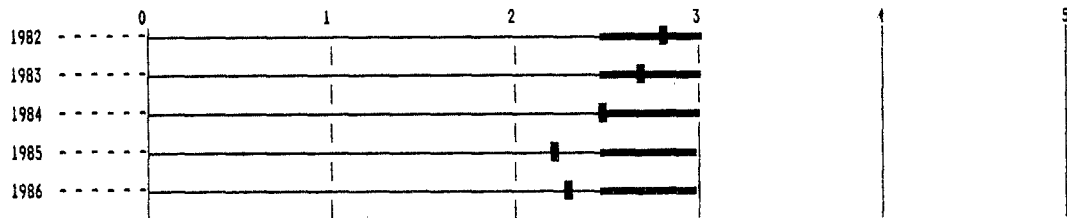
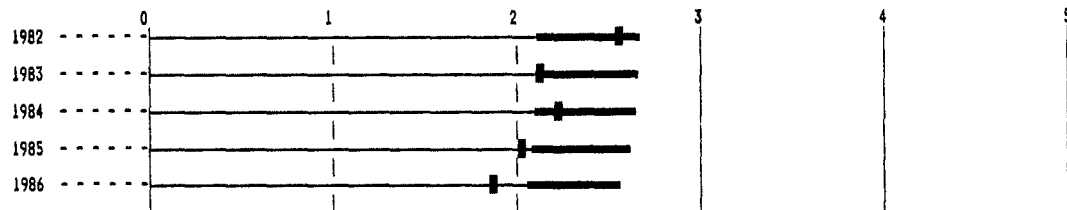


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

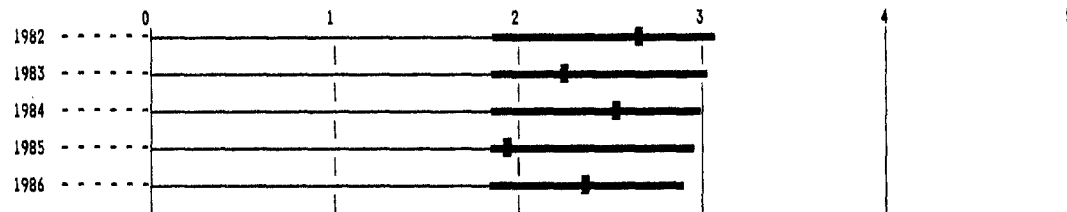
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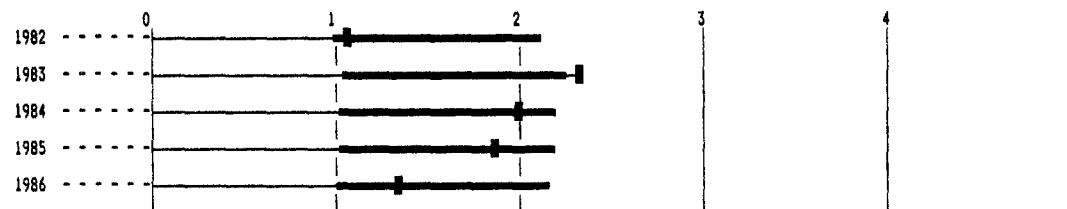
CONNECTICUT



DELAWARE



DISTRICT OF COLUMBIA



FLORIDA

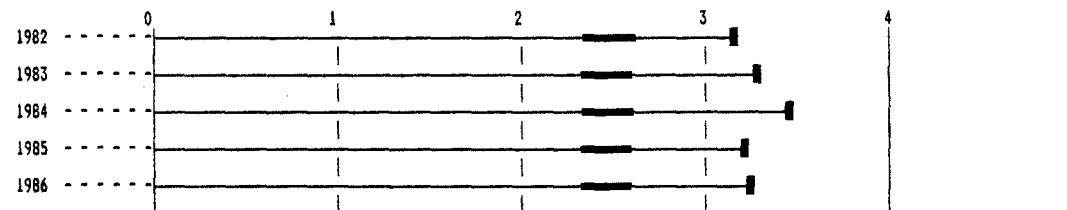
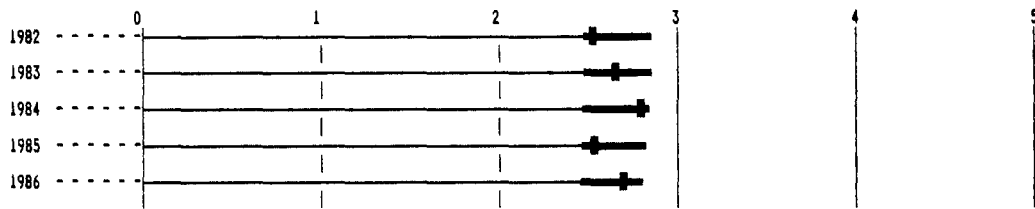
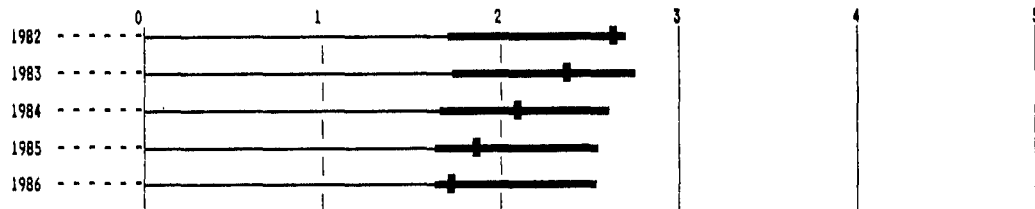


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

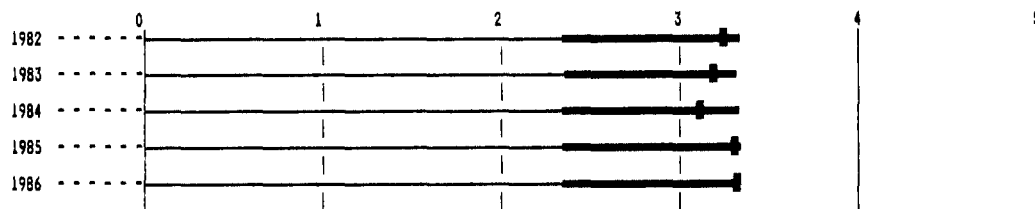
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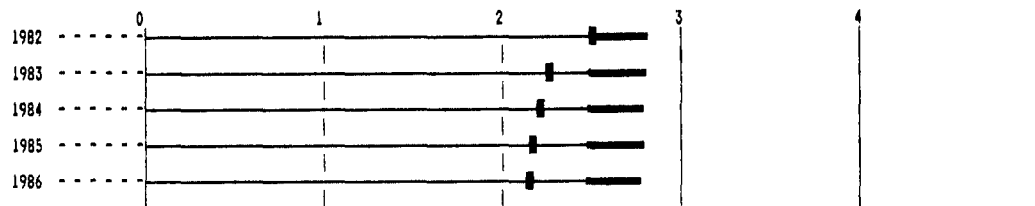
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IDAHO



ILLINOIS



INDIANA

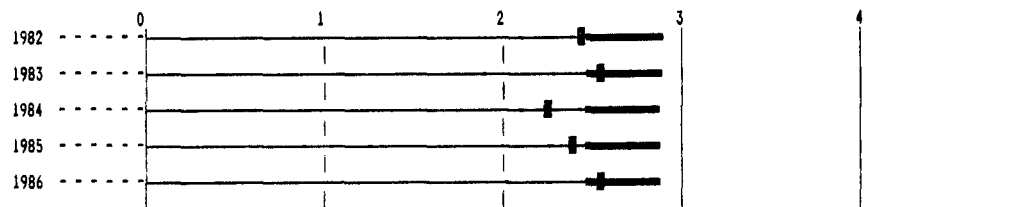
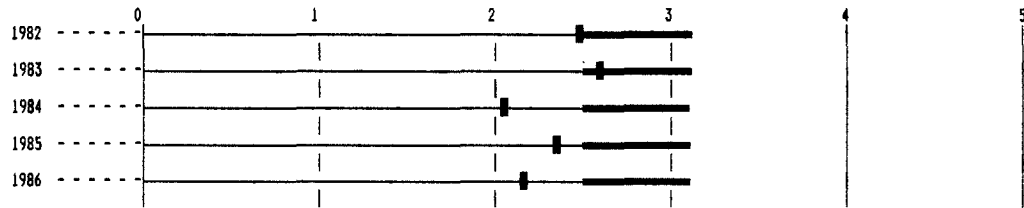
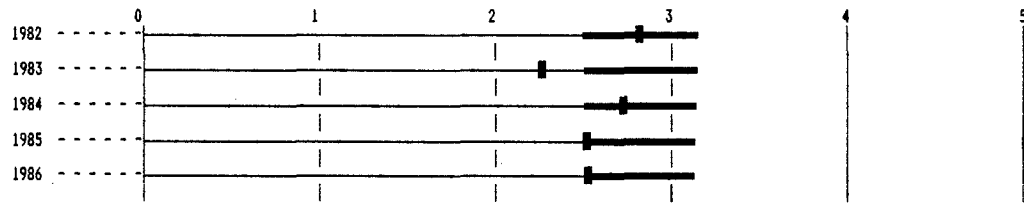


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

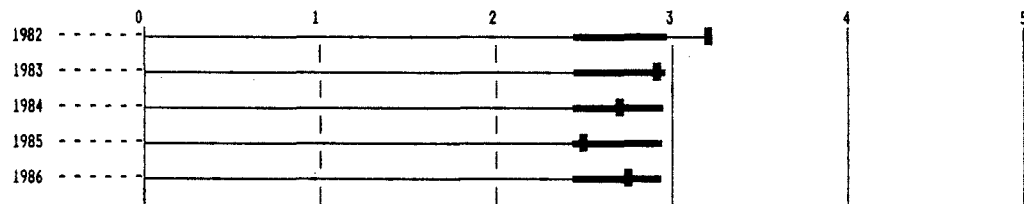
IOWA



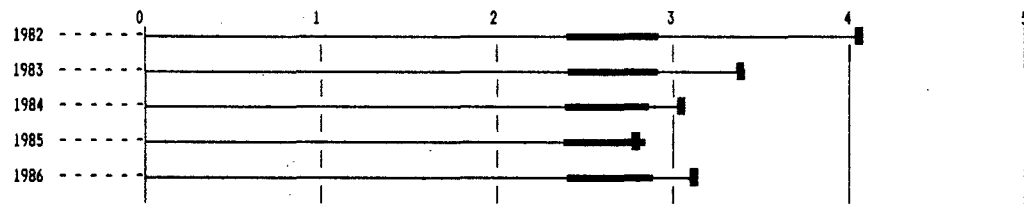
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KENTUCKY



LOUISIANA



MAINE

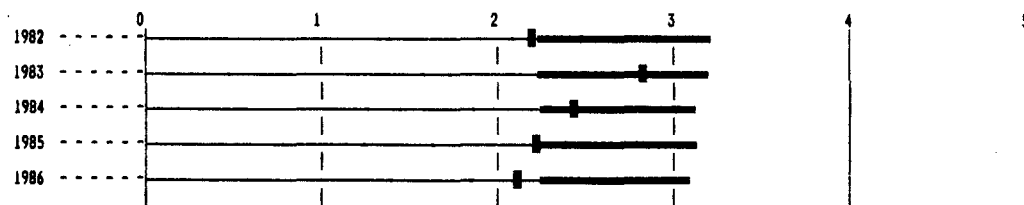
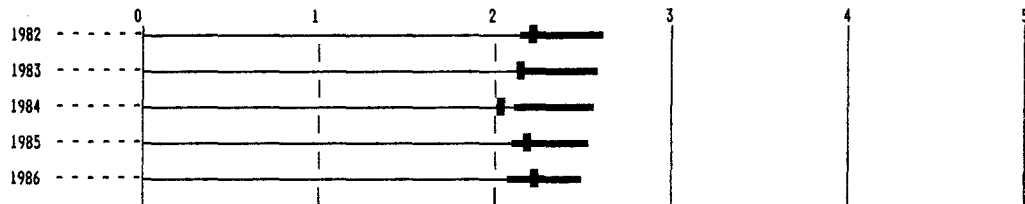
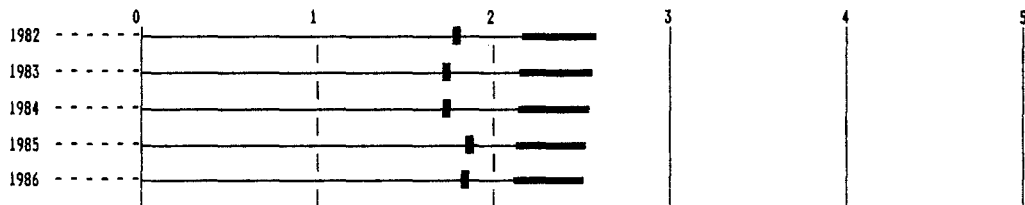


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

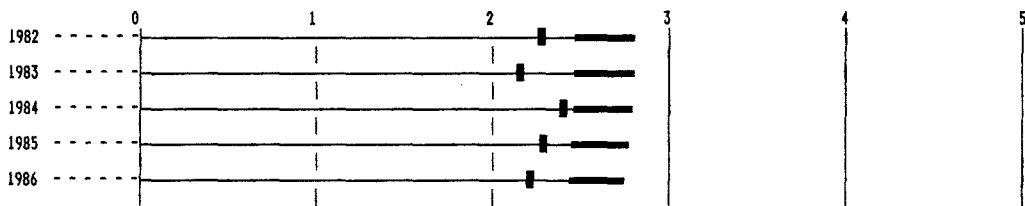
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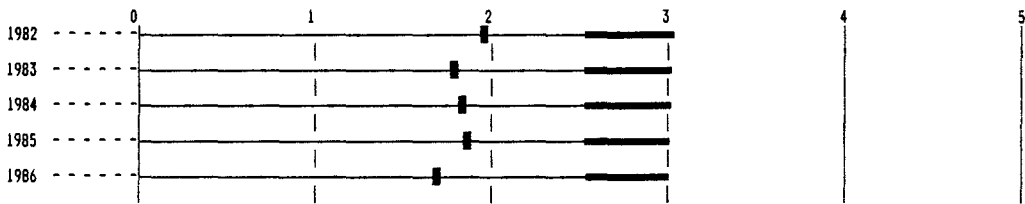
MASSACHUSETTS



MICHIGAN



MINNESOTA



MISSISSIPPI

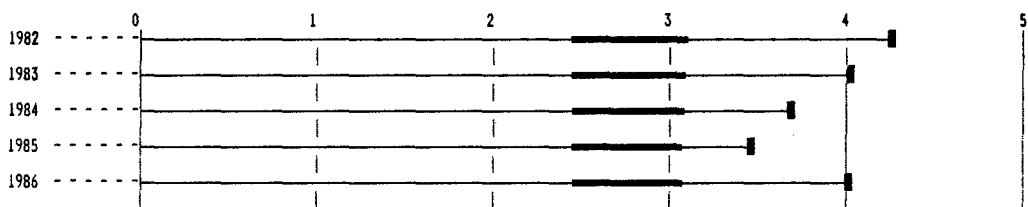
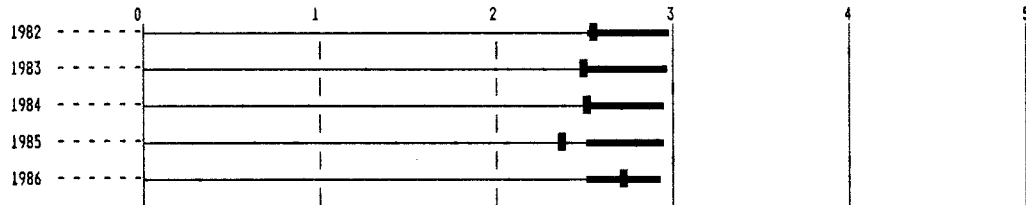
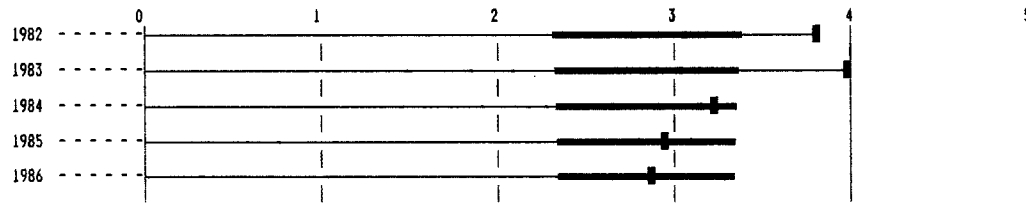


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

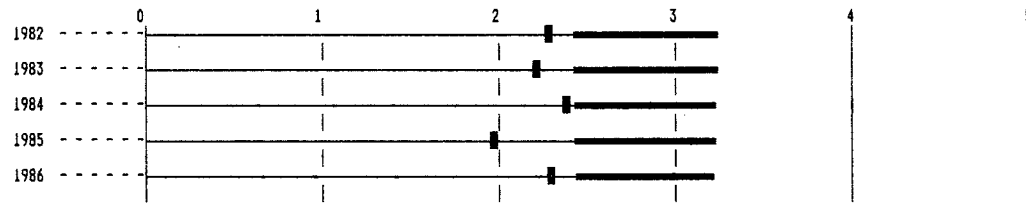
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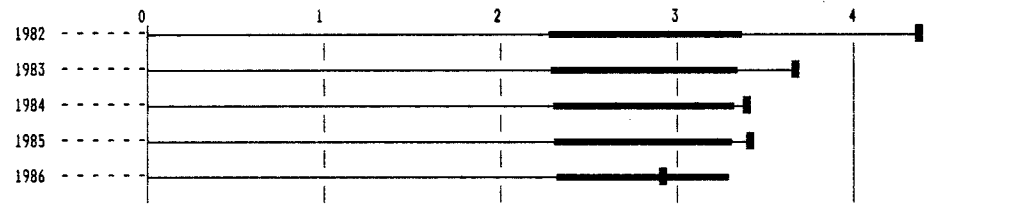
MONTANA



NEBRASKA



NEVADA



NEW HAMPSHIRE

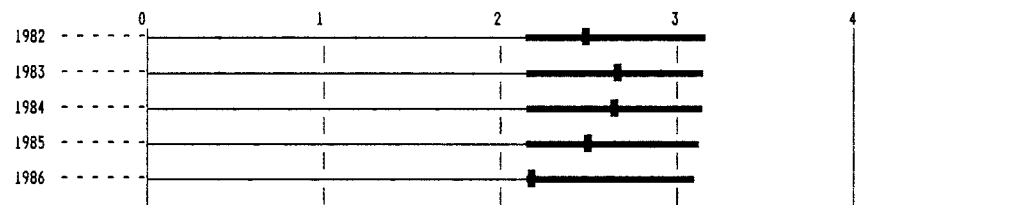
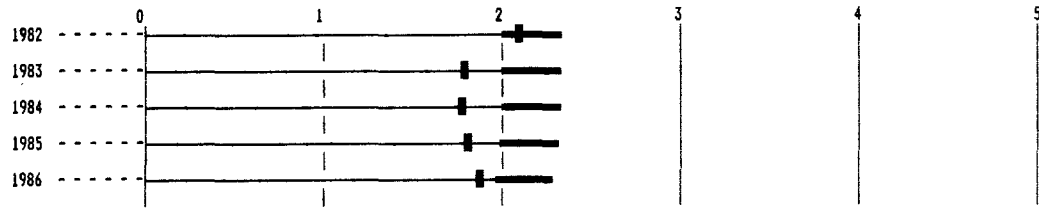
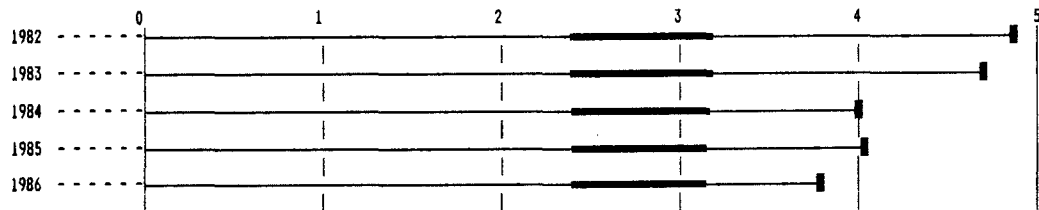


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

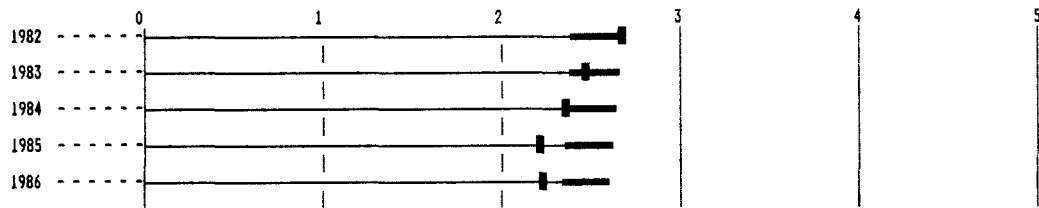
NEW JERSEY



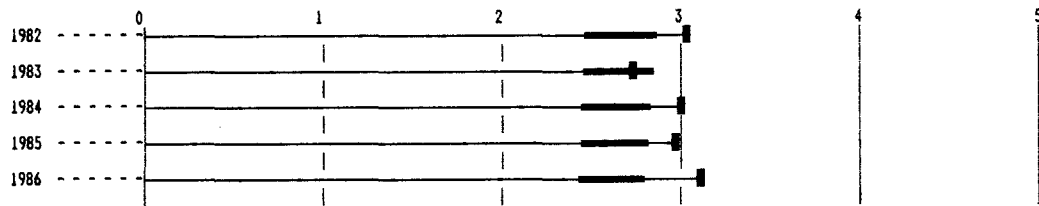
NEW MEXICO



NEW YORK



NORTH CAROLINA



NORTH DAKOTA

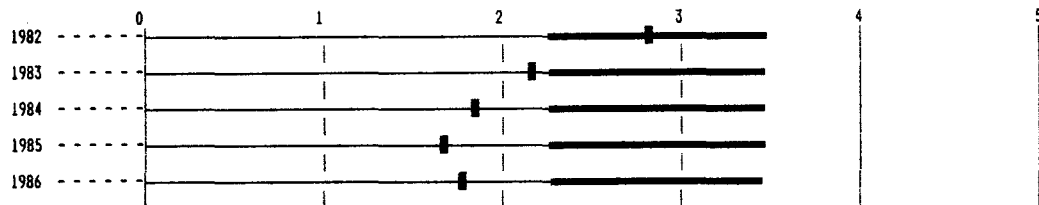
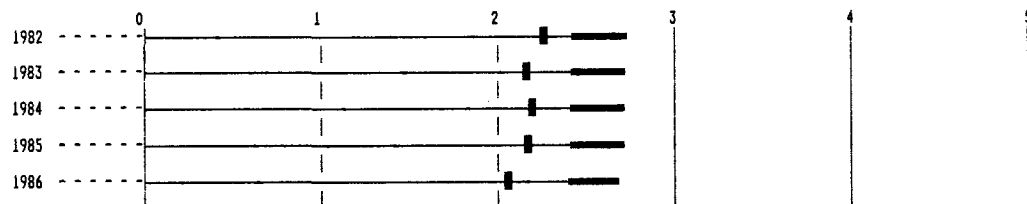
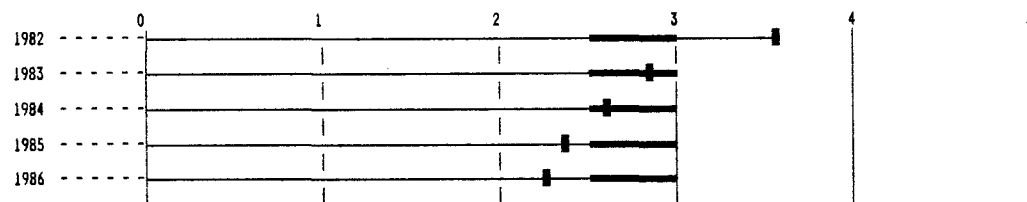


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

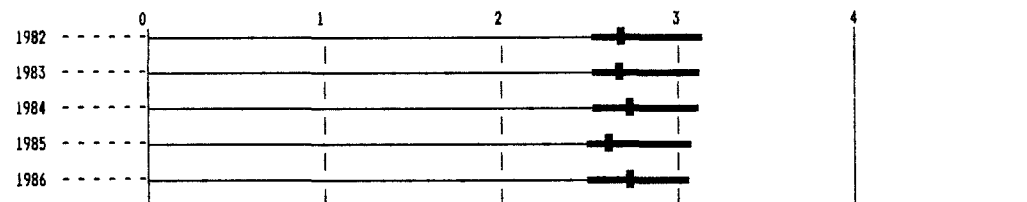
OHIO



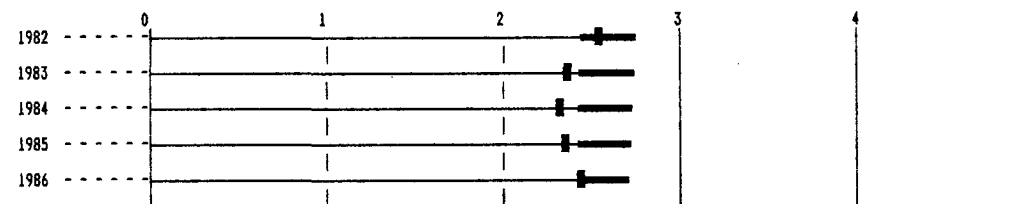
OKLAHOMA



OREGON



PENNSYLVANIA



RHODE ISLAND

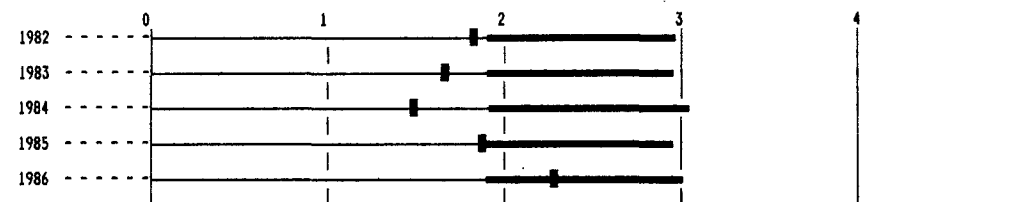
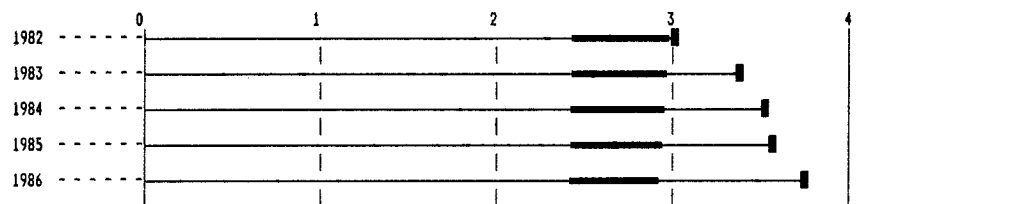
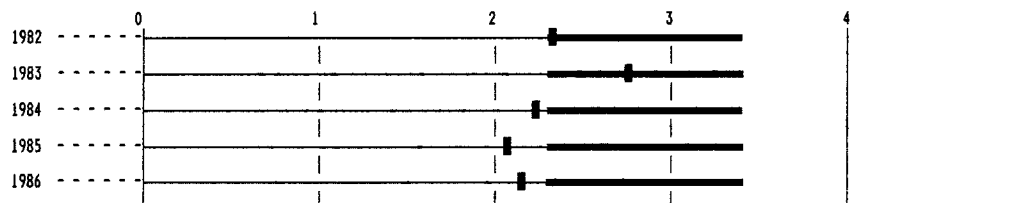


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

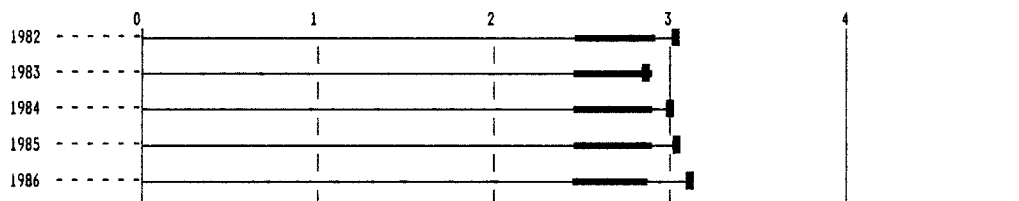
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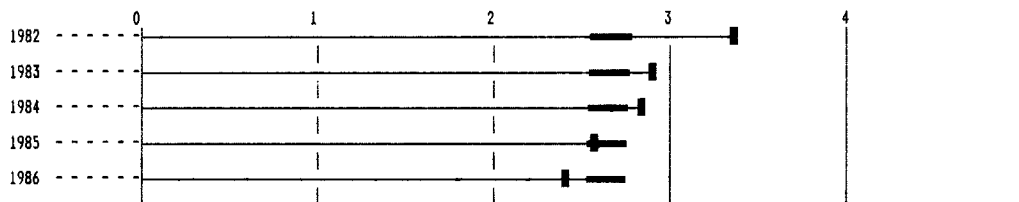
SOUTH DAKOTA



TENNESSEE



TEXAS



UTAH

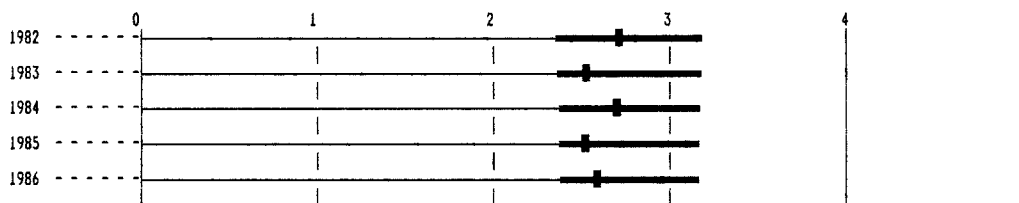
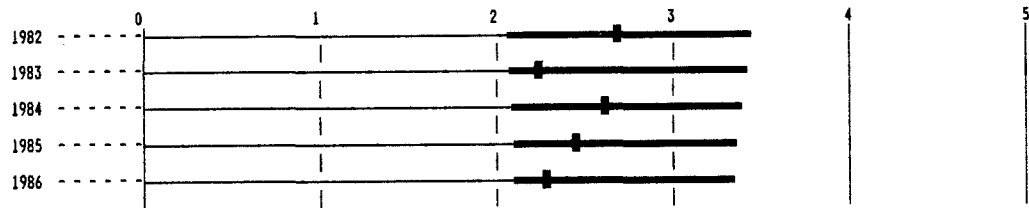
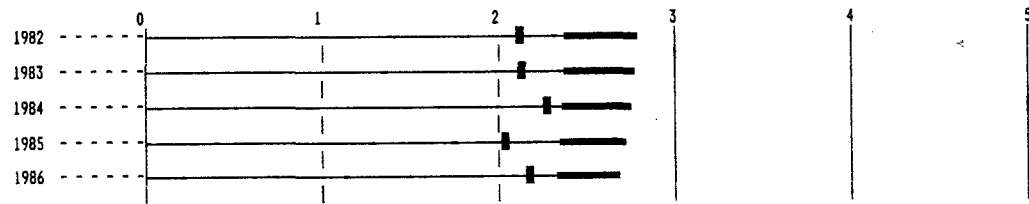


Figure 8 (continued) STATE FATALITY RATES | (1982-1986)

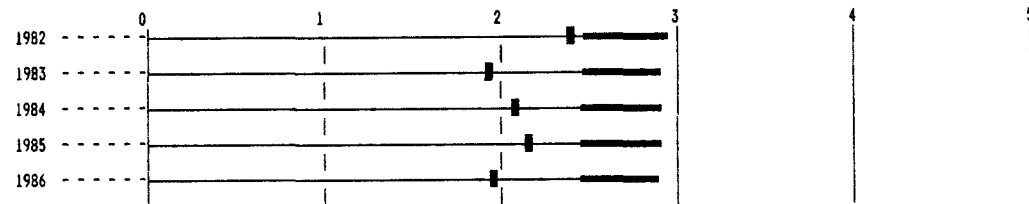
VERMONT



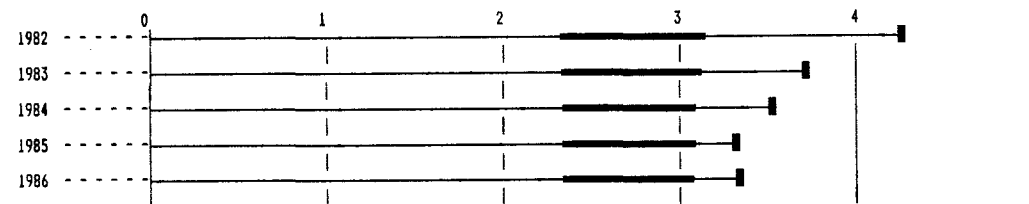
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WASHINGTON



WEST VIRGINIA



WISCONSIN

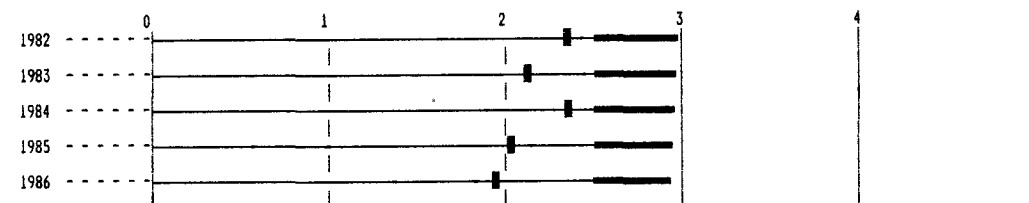
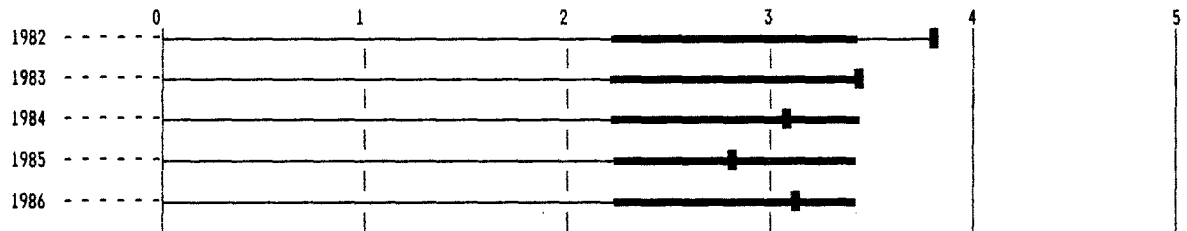


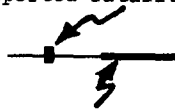
Figure 8 (continued) STATE FATALITY RATES (1982-1986)

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.

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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.

