



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

Highway Safety Performance - 1990 Fatal and Injury Accident Rates on Public Roads in the United States



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**Prepared by the Offices of
Highway Safety and Highway
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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)**

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 ninth report to Congress under Section 207. The reports contain an extension of the 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," until 1982 when it assumed its present title. The series has been a cooperative effort of the FHWA's former Office of Traffic Operations, and Offices of 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 the HPMS data.

SUMMARY

This report presents data which can be used 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. The traffic accident statistics for 1990 show a decrease of about 1,000 fatalities from 1989. The overall fatality rate per 100 million vehicle miles of travel was 2.07, which is lower than the record low of 2.16 set in 1989.

HIGHWAY SAFETY PERFORMANCE - 1990

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Roads in the United States

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to the United States Congress

Pursuant to
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and Highway Information Management

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 1990	4
D.	National Trends	9
E.	Comparison of State Statistics	15
SECTION II	Vehicle Mileage Rates	17
SECTION III	Other Rates	51
A.	Highway Mileage	51
B.	Population	51
C.	Licensed Drivers	51
D.	Registered Vehicles	51
SECTION IV	Puerto Rico	57
SECTION V	Relationship of Fatality Rates to Travel Density	59
SECTION VI	State Fatality Rate Trends	81
SECTION VII	Summary	93
REFERENCES		95

TABLES

Table 1	U.S. Vehicle Mile Rates by Highway System	7
Table 2	State Accident Summary	8
Table 3	Fatal Accidents by State and Highway System (Tables 3-A through 3-H)	18-25
	3-A: Federal-Aid Interstate Highways	18
	3-B: Other Federal-Aid Primary Highways	19
	3-C: Federal-Aid Urban Highways	20
	3-D: Federal-Aid Secondary Highways	21
	3-E: Non-Federal-Aid Arterial Highways	22
	3-F: Non-Federal-Aid Collector Highways	23
	3-G: Non-Federal-Aid Local Highways	24
	3-H: Total Rural and Urban Highways	25
Table 4	Nonfatal Injury Accidents by State and Highway System (Tables 4-A through 4-H)	26-33
	4-A: Federal-Aid Interstate Highways	26
	4-B: Other Federal-Aid Primary Highways	27
	4-C: Federal-Aid Urban Highways	28
	4-D: Federal-Aid Secondary Highways	29
	4-E: Non-Federal-Aid Arterial Highways	30
	4-F: Non-Federal-Aid Collector Highways	31
	4-G: Non-Federal-Aid Local Highways	32
	4-H: Total Rural and Urban Highways	33
Table 5	Fatalities by State and Highway System (Tables 5-A through 5-H)	34-41
	5-A: Federal-Aid Interstate Highways	34
	5-B: Other Federal-Aid Primary Highways	35
	5-C: Federal-Aid Urban Highways	36
	5-D: Federal-Aid Secondary Highways	37
	5-E: Non-Federal-Aid Arterial Highways	38
	5-F: Non-Federal-Aid Collector Highways	39
	5-G: Non-Federal-Aid Local Highways	40
	5-H: Total Rural and Urban Highways	41

Table 6	Nonfatally Injured Persons by State and Highway System (Tables 6-A through 6-H)	42-49
	6-A: Federal-Aid Interstate Highways	42
	6-B: Other Federal-Aid Primary Highways	43
	6-C: Federal-Aid Urban Highways	44
	6-D: Federal-Aid Secondary Highways	45
	6-E: Non-Federal-Aid Arterial Highways	46
	6-F: Non-Federal-Aid Collector Highways	47
	6-G: Non-Federal-Aid Local Highways	48
	6-H: Total Rural and Urban Highways	49
Table 7	U.S. Highway-Mile Rates by Highway System	52
Table 8	Fatal and Injury Accident Data Related to Population	53
Table 9	Fatal and Injury Accident Data Related to Licensed Drivers	54
Table 10	Fatal and Injury Accident Data Related to Vehicle Registrations	55
Table 11	Fatal and Injury Accidents in Puerto Rico	57

FIGURES

Figure 1	U.S. Motor Vehicle Fatality Rates (1925-1990)	10
Figure 2	U.S. Fatality Rates for Interstate and Other Highway Systems (1967-1990)	11
Figure 3	U.S. Nonfatal Injury Rates for Interstate and Other Highway Systems (1967-1990)	12
Figure 4	U.S. Fatality Rates by Highway System (1978-1990)	13
Figure 5	U.S. Nonfatal Injury Rates by Highway System (1978-1990)	14
Figure 6	Relationship Between Fatality Rates and Travel Density	16

Figure 7	State Fatality Rates by Highway System (Figures 7-A1 through 7-F2b)	62-80
	7-A1: Provisional Rate-Density Relationship - All Highways	62
	7-A2: Fatality Rate by State - All Highways	63
	7-B1: Provisional Rate-Density Relationship - Rural and Urban Highways	64
	7-B2a: Fatality Rate by State - All Rural Highways	65
	7-B2b: Fatality Rate by State - All Urban Highways	66
	7-C1a: Provisional Rate-Density Relationship - Interstate System	67
	7-C1b: Provisional Rate-Density Relationship - Rural Interstate System	68
	7-C1c: Provisional Rate-Density Relationship - Urban Interstate System	69
	7-C2a: Fatality Rate by State - Rural Interstate Highways	70
	7-C2b: Fatality Rate by State - Urban Interstate Highways	71
	7-D1: Provisional Rate-Density Relationship - Other Federal-Aid Primary Highways	72
	7-D2a: Fatality Rate by State - Other Rural Federal-Aid Primary Highways	73
	7-D2b: Fatality Rate by State - Other Urban Federal-Aid Primary Highways	74
	7-E1: Provisional Rate-Density Relationship - Federal-Aid Secondary and Urban Systems	75
	7-E2a: Fatality Rate by State - Federal-Aid Secondary Highways	76
	7-E2b: Fatality Rate by State - Federal-Aid Urban System Highways	77
	7-F1: Provisional Rate-Density Relationship - Non-Federal-Aid Highways	78
	7-F2a: Fatality Rate by State - Rural Non-Federal-Aid Highways	79
	7-F2b: Fatality Rate by State - Urban Non-Federal-Aid Highways	80
Figure 8	State Fatality Rates (1986-1990)	82

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, to evaluate and compare the highway safety performance of the States. The purpose of this report is not to present a detailed analysis of the data or a complete evaluation or comparison of State highway safety performance. The text of the report is primarily technical detail and background information to those who analyze or interpret the statistical tables and graphs.

B. Terminology

Definitions serve to describe terms which are not in common use and to clarify the 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 depends on understanding the terminology used in collecting and processing 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 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 D16.1-1989). As the accident data in this report have been collected and processed by many individuals in State and local agencies, deviations from the standard definitions are not unusual. Most deviations are relatively minor, but some are not. Users of accident statistics should be 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 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 2 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 functional classes of highways referred to in this report 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 Federal-Aid highway systems referred to in this report are briefly described as follows:¹

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 from those reported elsewhere. For its motor vehicle traffic fatality statistics, the Department of Transportation (DOT) uses a 30-day

¹The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) eliminated the Federal-aid systems as set out in this report.

counting rule.² 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.

Another difference in 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 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 1,000 nontraffic fatalities—deaths which are not included in DOT reports.

The number of nonfatally injured persons is also counted in various 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 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 1990

The traffic accident statistics for 1990 show a decrease of about 1,000 fatalities from 1989. The overall fatality rate per 100 million vehicle miles of travel was 2.07, which is lower than the record low of 2.16 set in 1989.

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 for States whose data reports were incomplete. Six States, Arkansas, Missouri, New Hampshire, New York, Ohio, and Tennessee were unable to submit nonfatal injury accident data in time for inclusion in this report.

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 on the Interstate System are less than half that for other highway systems, though a little more than one-fifth of all highway travel in the United States occurs on the Interstate System.

² Federal Highway Administration/National Highway Traffic Safety Administration; "Highway Fatality Counting Rule"; Federal Register, Volume 43, No. 191; pp. 45486-45488; October 2, 1978.

Table 2 contains a summary of travel and accident data by State. In addition to traffic data which are presented in greater detail in Tables 3 through 6, Table 2 includes pedestrian data. Pedestrian fatality rates have dropped to an average of 0.32 (per 100 million vehicle miles) over a 3-year period. 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 - 1990¹

HIGHWAY SYSTEM	HIGHWAY MILES 2/	VEHICLE MILES (MILLIONS) 2/	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS 4/		FATALITIES		NONFATALLY INJURED PERSONS 4/	
				NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/
INTERSTATE (ARTERIAL)	RURAL	39,547	16,360	2,258	1.13	43,911	21.89	2,713	1.35	72,921	36.36
	URBAN	11,527	66,171	1,965	0.71	120,668	43.34	2,228	0.80	167,509	67.35
	TOTAL	45,074	29,114	4,223	0.88	164,579	34.36	4,941	1.03	260,430	54.37
OTHER FEDERAL-AID PRIMARY (ARTERIAL)	RURAL	226,078	3,969	8,203	2.50	201,348	61.48	9,862	2.95	342,401	104.55
	URBAN	34,195	22,988	3,716	1.30	319,957	109.42	4,081	1.42	497,823	173.51
	TOTAL	260,273	6,468	11,919	1.94	516,305	83.67	13,743	2.24	840,224	136.76
FEDERAL-AID URBAN ARTERIAL COLLECTOR	RURAL	92,109	379,870	6,936	1.83	623,042	164.10	7,383	1.94	974,481	258.67
	URBAN	55,571	76,748	1,087	1.42	123,519	160.95	1,158	1.51	160,999	235.84
	TOTAL (ALL URBAN)	147,680	456,618	8,023	1.76	746,561	163.57	8,541	1.87	1,135,480	259.16
FEDERAL-AID SECONDARY (COLLECTOR)	TOTAL (ALL RURAL)	399,976	183,612	5,898	3.21	186,172	90.50	6,737	3.67	264,968	144.31
NON-FEDERAL-AID ARTERIAL	RURAL	2,459	3,722	194	5.21	2,088	56.10	244	6.56	3,673	98.68
	URBAN	6,009	31,565	216	0.68	22,250	70.49	232	0.73	35,637	112.90
	TOTAL	10,468	35,287	410	1.16	24,338	68.97	476	1.35	39,310	111.40
NON-FEDERAL-AID COLLECTOR	RURAL	330,303	58,152	1,888	3.25	65,251	112.21	2,084	3.58	98,282	169.01
	URBAN	22,677	27,010	222	0.82	28,113	104.08	234	0.87	40,884	151.37
	TOTAL	352,980	85,162	2,110	2.48	93,364	109.63	2,318	2.72	139,166	163.41
NON-FEDERAL-AID LOCAL	RURAL	2,130,427	96,846	3,956	4.08	189,870	196.05	4,339	4.48	282,541	291.74
	URBAN	533,275	196,776	3,240	1.65	600,978	305.41	3,434	1.75	618,188	314.16
	TOTAL	2,663,702	293,624	7,196	2.45	790,848	269.34	7,773	2.65	900,729	306.76
ALL FEDERAL-AID	RURAL	659,600	711,689	16,359	2.30	411,431	57.81	19,112	2.69	680,290	96.59
	URBAN	193,402	1,021,739	13,704	1.34	1,181,186	115.61	14,850	1.45	1,840,812	180.16
	TOTAL	853,002	1,733,428	30,063	1.73	1,592,617	91.88	33,962	1.96	2,521,102	145.44
ALL NON-FEDERAL-AID	RURAL	2,483,189	158,720	6,038	3.80	257,209	162.05	6,667	4.20	384,496	242.25
	URBAN	583,981	255,353	3,678	1.44	651,341	255.07	3,900	1.53	694,709	272.06
	TOTAL	3,027,150	414,073	9,716	2.35	908,550	219.42	10,567	2.55	1,079,205	260.83
NON-INTERSTATE	RURAL	3,089,242	689,896	20,199	3.01	624,729	93.27	23,066	3.44	981,865	148.08
	URBAN	745,836	998,888	15,417	1.54	1,711,853	171.41	16,522	1.65	2,348,012	235.11
	TOTAL	3,835,078	1,668,524	36,556	2.13	2,336,588	140.04	39,588	2.37	3,339,877	200.17
TOTAL	RURAL	3,122,788	870,409	22,397	2.57	668,640	76.82	25,779	2.96	1,054,786	122.33
URBAN	757,383	1,277,092	17,382	1.36	1,832,527	143.97	18,750	1.47	2,535,521	196.54	
TOTAL	3,880,151	2,147,501	39,779	1.85	2,501,167	116.47	44,529	2.07	3,600,307	167.65	

1/ U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, AND VIRGIN ISLANDS. ESTIMATES FOR NONFATAL INJURY ACCIDENTS AND NONFATALLY 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 1990. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AND VEHICLE MILES OF TRAVEL ARE FROM THE HPMS

AREWIDE SUMMARY TABLES. 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/ ESTIMATES OF NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1989 DATA FOR ARKANSAS, MISSOURI, NEW HAMPSHIRE, NEW YORK, OHIO, AND TENNESSEE.

TABLE 2. STATE ACCIDENT SUMMARY - 1990

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES (TOTAL)		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	90,672	42,347	981	2.32	30,245	71.42	1,118	2.64	44,840	105.41	93	0.22	724	1.71
ALASKA	13,485	3,979	90	2.26	3,921	90.54	95	2.39	5,761	144.79	7	0.18	155	3.80
ARIZONA	51,612	36,458	784	2.21	37,809	106.07	889	2.45	60,747	171.39	133	0.38	1,444	4.07
ARKANSAS 2/	77,085	21,011	521	2.40	11,886	55.62	604	2.67	21,583	102.72	59	0.28	719	3.42
CALIFORNIA	163,574	259,928	4,682	1.61	236,542	91.38	5,169	2.00	365,758	141.26	986	0.36	18,419	7.11
COLORADO	77,680	27,176	482	1.61	25,544	94.06	384	1.48	42,020	158.75	47	0.17	651	3.50
CONNECTICUT	19,991	28,303	357	1.98	23,844	122.70	384	1.48	42,020	158.75	65	0.25	1,388	5.20
DELAWARE	5,444	8,548	121	1.85	5,304	81.00	138	2.11	8,427	128.70	21	0.32	224	3.42
DIST. OF COL.	1,102	3,407	48	1.35	3,432	278.60	48	1.41	13,219	388.00	19	0.56	1,289	37.83
FLORIDA	108,085	109,987	2,587	2.36	130,688	118.72	2,892	2.63	214,209	194.74	583	0.53	7,480	6.80
GEORGIA	109,601	72,746	1,410	1.94	83,403	87.16	1,562	2.15	98,884	135.90	181	0.25	2,602	5.58
HAWAII	4,099	8,068	155	1.92	6,825	106.93	177	2.19	12,424	154.03	31	0.38	600	7.44
IOWA	62,435	9,649	210	2.13	8,048	81.69	244	2.48	11,238	114.08	21	0.21	200	2.03
ILLINOIS	135,944	83,334	1,430	1.72	108,274	127.53	1,569	1.91	157,783	189.31	272	0.33	10,151	12.18
INDIANA	91,908	53,697	929	1.73	52,269	97.34	1,050	1.96	74,416	136.56	102	0.19	1,963	3.68
IOWA	112,541	22,989	404	1.76	20,577	89.49	465	2.02	30,233	131.49	32	0.14	625	3.59
KANSAS	133,578	22,648	391	1.71	20,089	87.83	444	1.94	30,254	132.41	98	0.16	1,184	5.18
KENTUCKY	69,688	35,639	752	2.24	35,870	106.04	846	2.51	54,832	163.00	70	0.21	1,393	4.14
LOUISIANA	58,620	37,867	831	2.21	48,895	124.34	956	2.54	78,182	207.58	135	0.36	1,629	4.32
MAINE	22,389	11,871	198	1.86	10,017	84.38	213	1.79	18,383	138.01	22	0.19	399	3.36
MARYLAND	28,752	40,538	839	1.56	48,940	120.73	882	1.88	80,410	198.37	123	0.30	4,167	10.28
MASSACHUSETTS	34,078	46,130	548	1.68	73,122	156.51	605	1.31	91,563	198.49	124	0.27	3,421	7.42
MICHIGAN	117,449	81,091	1,399	1.73	97,478	120.21	1,566	1.93	148,972	183.71	224	0.27	3,792	4.88
MINNESOTA	129,397	38,946	501	1.29	27,958	71.79	568	1.45	44,634	114.60	85	0.17	1,499	3.85
MISSISSIPPI	72,520	24,398	626	2.57	13,980	57.30	746	3.06	28,577	108.93	89	0.28	588	2.41
MISSOURI 2/	120,527	50,683	949	1.65	41,886	81.93	1,097	2.16	68,138	129.98	101	0.20	2,055	4.04
MONTANA	71,987	6,332	190	2.28	5,520	86.25	212	2.54	8,280	99.30	11	0.13	159	1.91
NEBRASKA	92,403	13,958	220	1.56	15,501	111.05	262	1.88	23,288	168.84	26	0.19	653	4.68
NEVADA	45,524	10,215	300	2.94	12,552	122.88	343	3.36	19,193	187.69	57	0.56	691	6.24
NEW HAMPSHIRE 2/	14,836	9,844	140	1.42	3,381	34.35	158	1.61	6,982	70.93	14	0.14	516	5.28
NEW JERSEY	34,252	58,923	617	1.95	102,380	174.72	888	1.50	182,574	275.91	202	0.34	7,332	12.44
NEW MEXICO	54,738	18,148	440	2.72	15,892	96.41	439	3.09	24,798	153.55	83	0.51	395	6.18
NEW YORK 2/	111,242	108,902	2,032	1.90	200,301	187.37	2,212	2.07	238,933	277.76	590	0.55	22,283	20.84
NORTH CAROLINA	62,707	82,707	1,250	1.99	248,825	396.49	1,365	2.21	117,973	186.13	167	0.30	2,673	4.58
NORTH DAKOTA	66,517	5,910	104	1.78	4,534	53.54	112	1.90	4,829	78.32	13	0.22	108	1.79
OHIO	113,800	66,972	1,479	1.70	120,195	136.20	1,836	1.88	201,716	231.93	198	0.23	4,475	5.15
OKLAHOMA	111,785	33,081	557	1.68	24,874	74.59	640	1.93	36,582	118.63	54	0.16	652	1.97
OREGON	94,690	26,738	500	1.87	22,412	83.82	579	2.17	35,201	131.65	66	0.25	478	7.00
PENNSYLVANIA	118,508	65,708	1,514	1.77	92,617	108.08	1,848	1.92	142,945	186.78	265	0.31	6,684	2.65
RHODE ISLAND	6,111	7,024	179	1.12	6,047	114.58	64	1.20	11,734	167.08	14	0.20	200	2.65
SOUTH CAROLINA	54,848	34,378	684	2.57	29,776	86.82	979	2.85	48,337	140.81	108	0.31	1,137	3.31
SOUTH DAKOTA	74,838	6,889	139	1.99	4,820	68.97	153	2.19	7,281	103.89	15	0.21	138	1.87
TENNESSEE 2/	84,839	48,710	1,044	2.24	46,805	100.30	1,176	2.52	72,554	154.69	107	0.23	1,950	4.17
TEXAS	305,951	182,232	2,881	1.78	162,424	100.12	3,241	2.00	262,576	181.85	484	0.30	5,684	3.49
UTAH	43,244	14,848	238	1.61	14,941	102.01	272	1.66	22,850	154.85	34	0.23	1,870	12.77
VERMONT	14,121	5,838	82	1.40	3,617	61.96	68	1.51	5,581	95.80	10	0.17	232	3.97
VIRGINIA	67,700	60,178	952	1.58	51,754	86.00	1,077	1.78	78,438	127.02	119	0.20	2,220	3.89
WASHINGTON	81,299	44,695	728	1.82	51,713	115.70	825	1.65	78,064	170.18	80	0.18	1,783	3.99
WEST VIRGINIA	34,592	15,418	407	2.84	18,138	117.64	481	3.12	27,997	181.59	38	0.25	552	3.58
WISCONSIN	109,876	44,277	878	1.53	42,394	95.75	769	1.74	62,530	141.22	84	0.14	2,180	4.92
WYOMING	99,213	5,833	105	1.80	3,408	58.44	125	2.14	5,367	92.01	8	0.14	99	1.70
TOTAL	3,880,151	2,147,501	39,779	1.85	2,501,187	116.47	44,529	2.07	3,600,307	167.65	8,468	0.30	135,163	6.29

1/ PER 100 MILLION VEHICLE MILES.
2/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1989 DATA.

D. National Trends

As illustrated in Figure 1, from a rate of more than 18 fatalities per 100 million vehicle miles in the mid-1920's the average rate has decreased more than 3 percent per year to a record low rate of 2.07.

Figures 2 and 3 illustrate national traffic fatality and injury rate trends from 1967 through 1990 for Interstate and other highway systems. Fatality rate trends were gradually downward for all systems through 1986. Although these trends were interrupted by relatively stable periods following a sharp drop in 1974, the downward movement resumed in 1981. In 1987 and 1988, fatality rates for rural Interstates rose and the fatality rates for urban roads off the Interstate system declined. In 1990, roads off the Interstate system in urban and rural areas reached an all time low fatality rate of 1.65 and 3.44, respectively. The rural Interstate fatality rate declined again in 1990 to 1.35, slightly below the rate of 1989. The urban Interstate fatality rate remained nearly constant. Trends for reported injury rates have also been generally downward during the 1967-1990 period.

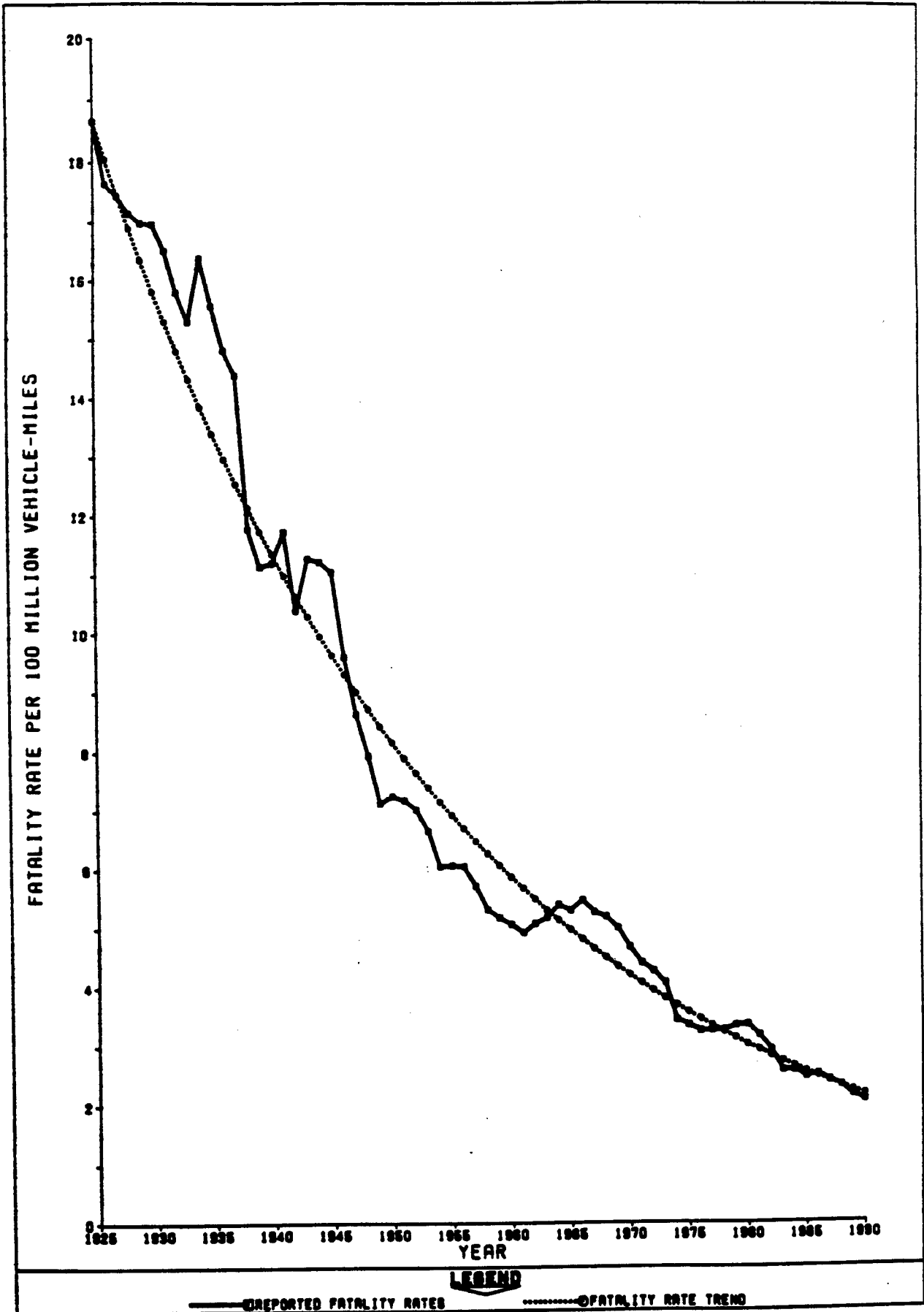
Figures 4 and 5 illustrate national fatality and injury rate trends from 1978 through 1990 by highway system. In the mid-1970's, non-Interstate Federal-Aid highway systems were realigned by adopting functional classifications as the basis for assignment of highways to each system. As a result of these changes, trend data are only available for a short period for most systems. The time period covered in Figures 4 and 5 corresponds to the period of relative trend stability which is apparent in Figures 2 and 3.

Decreases in fatality rates were reported for all highways except rural Non-Federal-Aid Arterial and Collector highways, which increased from their 1989 levels. A substantial increase was observed in the fatality rate for rural Non-Federal-Aid Arterial, increasing from 2.72 in 1989 to 6.56 in 1990. The major contributing factor was the State of Arkansas, which had an increase in fatal accidents from 7 in 1989 to 109 in 1990. A slightly smaller increase was seen for rural Non-Federal-Aid Collector highways from its 1989 level.

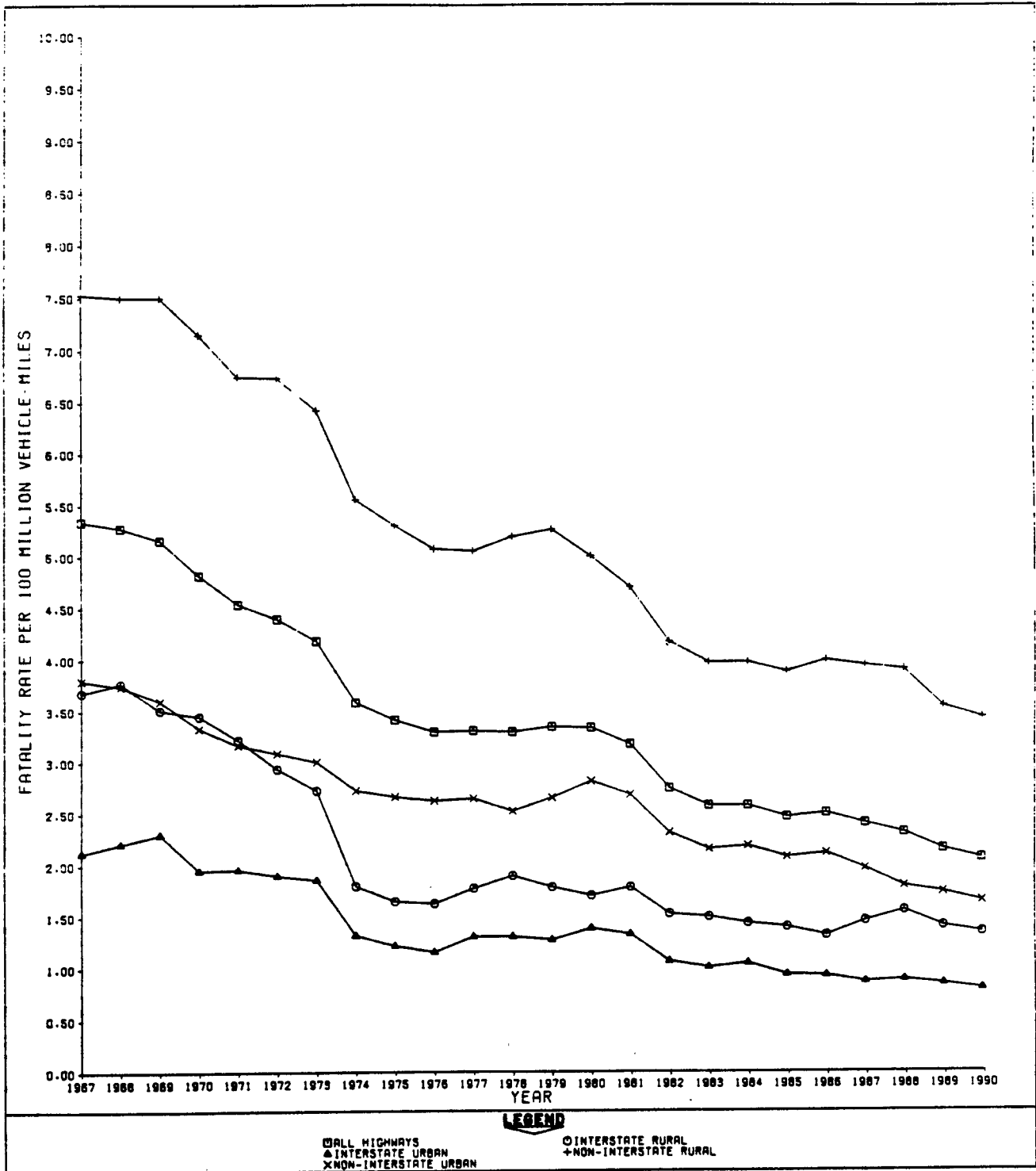
By 1988, 40 States had raised their speed limit on certain rural Interstate roads from 55 mph to 65 mph as allowed by the Surface Transportation and Uniform Relocation Assistance Act of 1987, enacted April 2, 1987. In December 1990, the National Highway Traffic Safety Administration reported an evaluation of the effects of the higher speed limit. They reported that about one-third of the fatality increase on rural Interstates results from greater vehicle miles of travel, and the remainder of the increase is attributed to other factors including greater speed.

FIGURE 1. U.S. MOTOR VEHICLE TRAFFIC FATALITY RATES

(1925 - 1990)



**FIGURE 2. U.S. FATALITY RATES
FOR INTERSTATE AND OTHER
HIGHWAY SYSTEMS (1967 - 1990)**



**FIGURE 3. U.S. NONFATAL INJURY RATES
FOR INTERSTATE AND OTHER
HIGHWAY SYSTEMS (1967 - 1990)**

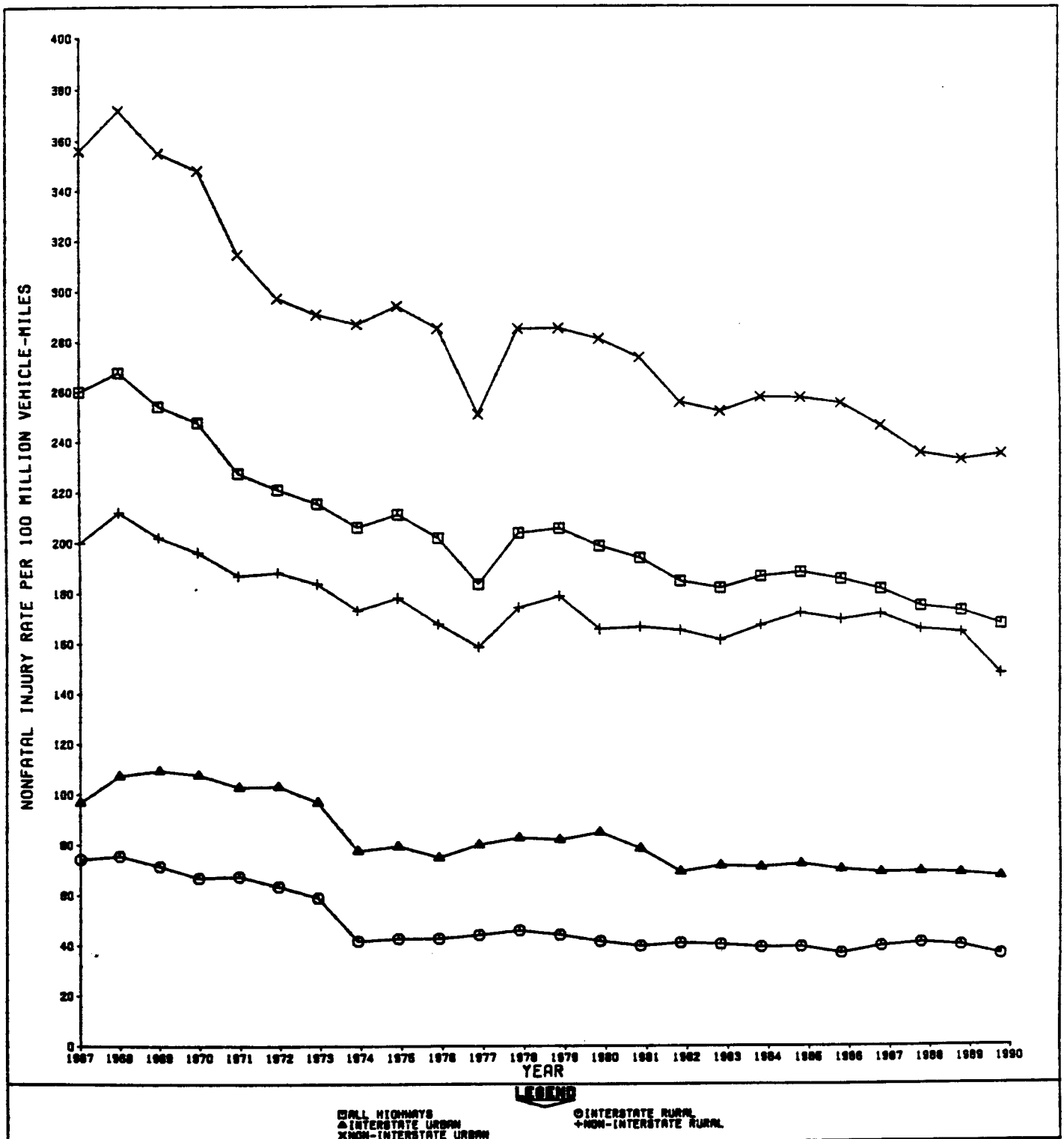
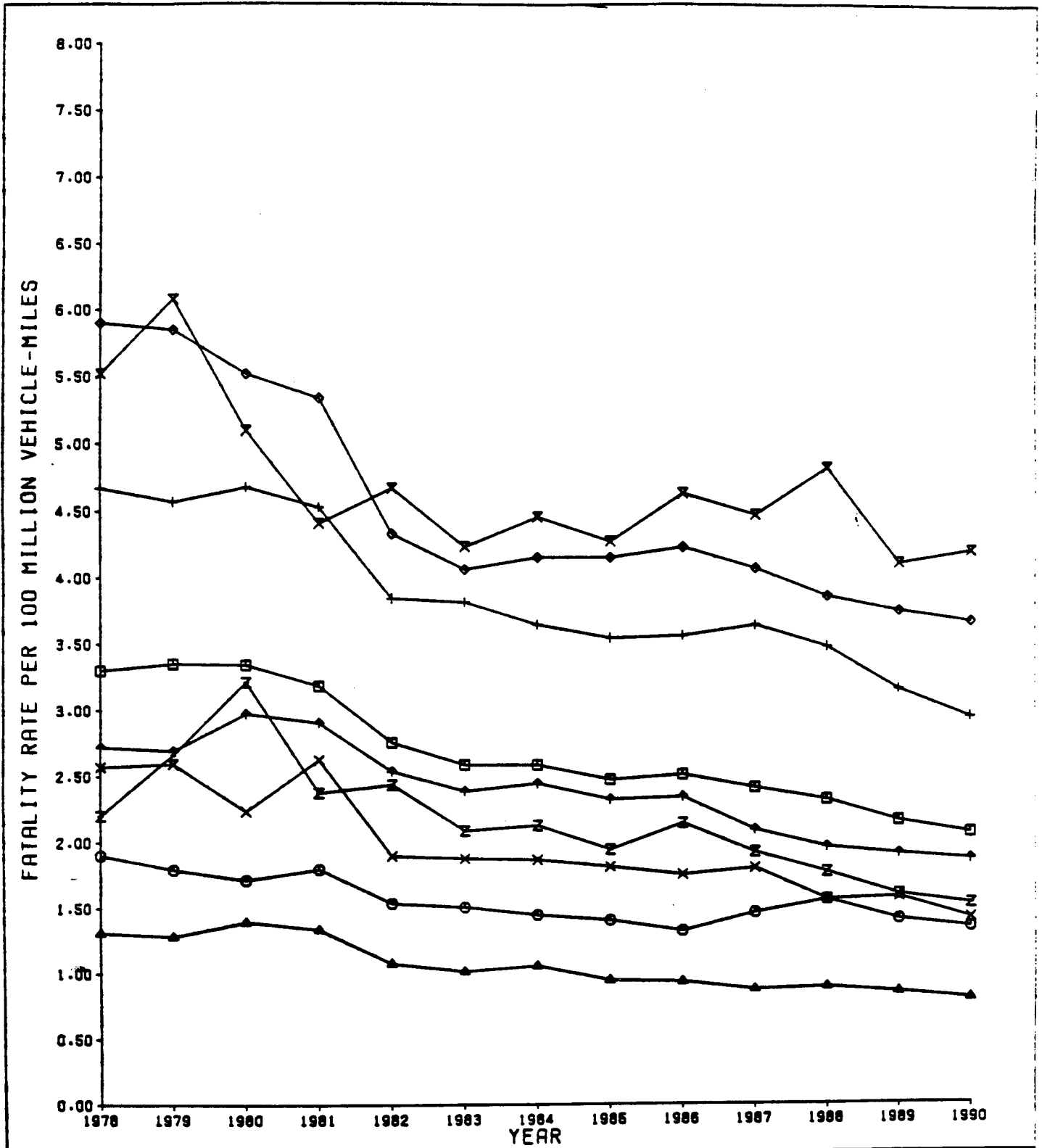


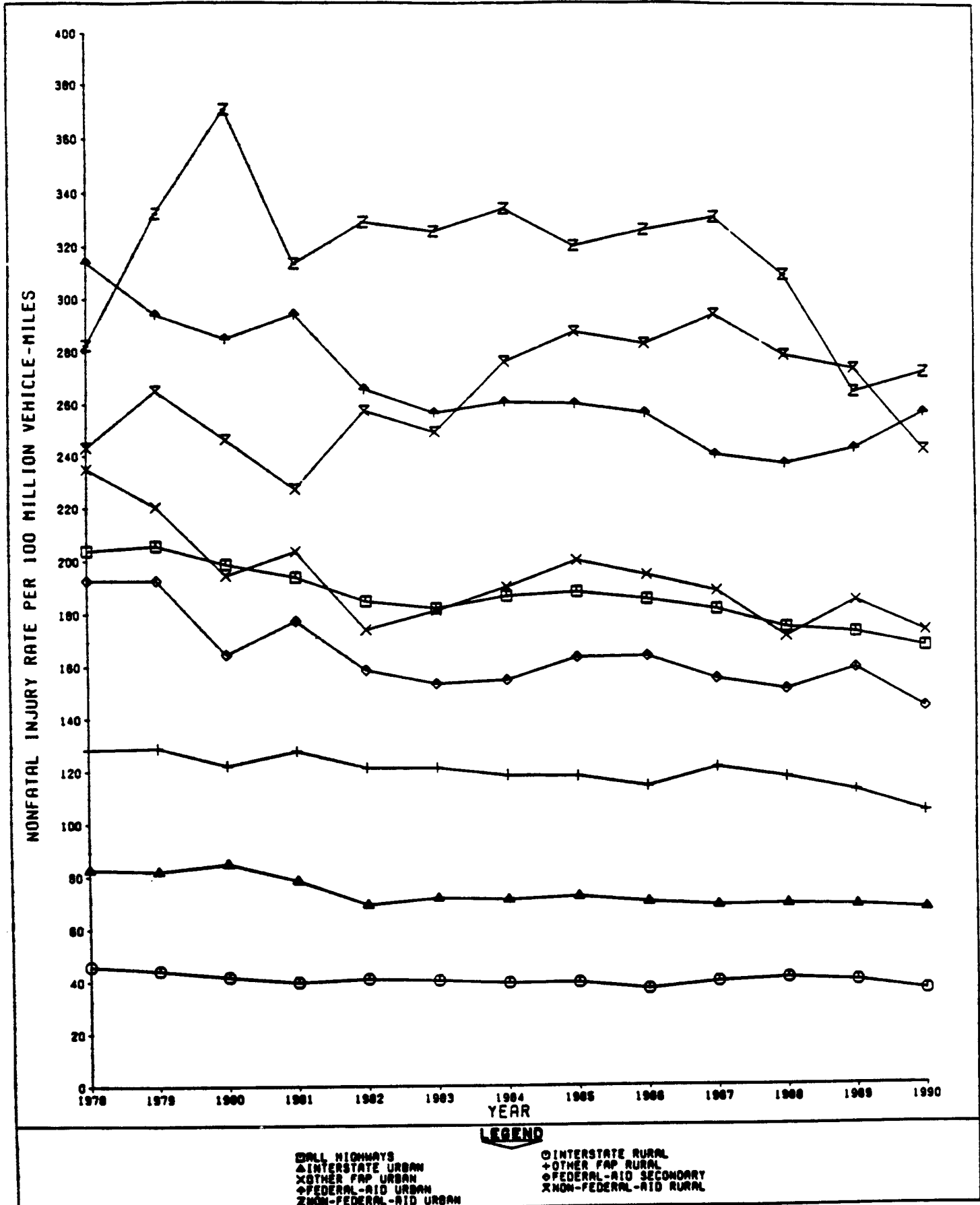
FIGURE 4. U.S. FATALITY RATES BY HIGHWAY SYSTEM (1978 - 1990)



LEGEND

- ALL HIGHWAYS
- ▲ INTERSTATE URBAN
- × OTHER FAP URBAN
- + FEDERAL-AID URBAN
- z NON-FEDERAL-AID URBAN
- INTERSTATE RURAL
- + OTHER FAP RURAL
- ◇ FEDERAL-AID SECONDARY
- × NON-FEDERAL-AID RURAL

FIGURE 5. U.S. NONFATAL INJURY RATES BY HIGHWAY SYSTEM (1978 - 1990)



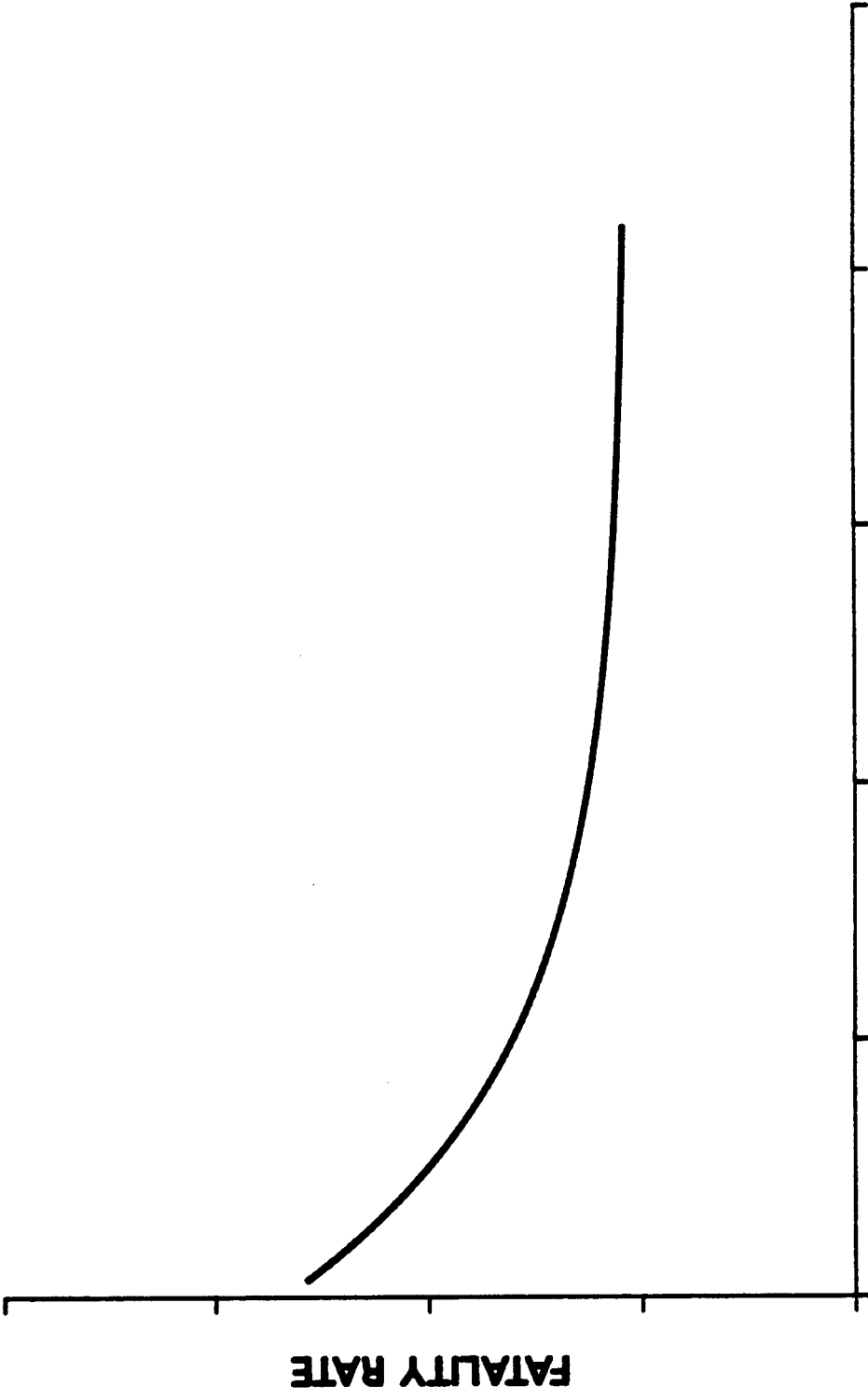
E. Comparison of State Statistics

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 the strengths and weaknesses of the data. For the most part, the data have been submitted by State highway agencies 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 highway departments. The quality of the reported data is generally high but varies from State to State. 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, reported data are generally consistent; however, variations in data collection procedures result in marginal differences. Variations may occasionally 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. In the 1976 "Highway Safety Needs Study," a DOT report to Congress, rate-density curves were used to illustrate the fatality rate reduction resulting from the adoption of safer design standards for Interstate highways. Fatality rates are normally higher on lightly traveled segments of the Interstate System than on segments where traffic is heavier. Large and 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 comparison focuses 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. In Sections V and VI of this report, rate-density relationships are used as a basis for fatality rate comparisons among States, by system, and within States, by year, respectively.



TRAVEL DENSITY

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 collected and widely publicized for over 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, nonfatal injury accidents, fatalities, and nonfatally injured persons (Tables 3 through 6, respectively).

The rates shown in these tables are uniformly carried out to two decimal places. This apparent precision surpasses the accuracy 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 are highly complex undertakings. Because of this complexity and the necessity of including subjective judgments in the process, computed rates should be regarded as approximations, not as precise measurements.

TABLE 3-A. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL				URBAN				STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		RATE
	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	
ALABAMA	642	4,444	10,985	52	1.17	247	3,551	39,368	37	1.04					
ALASKA	1,036	690	1,821	27	3.91	51	419	22,509	11	2.63					
ARIZONA	1,036	5,302	14,216	112	2.08	130	2,742	57,787	18	0.66					
ARKANSAS	419	2,621	17,136	35	1.34	123	1,601	35,661	17	1.06					
CALIFORNIA	1,416	14,732	20,504	264	1.72	963	51,287	142,942	390	0.64					
COLORADO	793	3,486	12,085	66	1.09	232	3,472	63,841	30	0.86					
CONNECTICUT	108	1,416	35,691	4	0.28	41	6,396	75,531	41	0.64					
DELAWARE	-	-	-	-	-	12	928	62,011	6	0.86					
DIST. OF COL.	-	-	-	-	-	416	464	105,936	4	0.86					
FLORIDA	1,010	8,907	24,161	104	1.17	416	10,391	66,434	121	1.16					
GEORGIA	879	8,809	27,645	86	0.98	372	9,612	72,264	87	0.89					
IDAHO	6	102	55,890	1	0.98	38	1,401	101,009	9	0.64					
ILLINOIS	630	1,484	7,871	21	1.42	75	618	22,575	5	0.81					
INDIANA	1,416	7,468	14,460	66	0.88	546	13,712	68,804	101	0.74					
INDIANA	663	6,640	21,080	46	0.72	285	5,279	50,747	34	0.64					
IOWA	645	3,278	13,924	19	0.58	137	1,343	26,857	13	0.77					
IOWA	712	2,472	9,512	22	0.89	160	2,066	35,377	16	0.99					
KANSAS	212	4,567	21,705	41	0.89	184	3,450	51,370	17	0.49					
KENTUCKY	579	4,377	18,260	61	1.17	188	3,040	44,302	33	1.09					
LOUISIANA	856	4,377	14,950	12	0.70	163	449	23,210	0	0.00					
LOUISIANA	313	2,795	45,311	20	0.72	231	8,204	97,302	46	0.56					
MARYLAND	169	2,084	33,586	6	0.29	397	10,347	71,405	13	0.13					
MASSACHUSETTS	170	6,850	20,761	51	0.67	455	11,114	66,922	46	0.41					
MICHIGAN	772	2,968	11,699	19	0.64	217	4,780	60,350	26	0.59					
MINNESOTA	608	2,665	13,038	33	1.24	124	1,209	26,712	16	1.32					
MISSISSIPPI	560	2,665	10,328	64	1.14	336	7,505	64,457	70	0.89					
MISSOURI	1,144	1,816	4,349	39	2.15	47	165	9,616	2	1.21					
MONTANA	444	1,905	11,755	12	0.63	37	623	46,131	4	0.64					
NEBRASKA	499	1,583	8,582	41	2.62	46	956	56,939	11	1.15					
NEVADA	190	1,359	20,685	11	0.61	44	673	41,905	4	0.59					
NEW HAMPSHIRE	126	1,912	41,574	8	0.42	270	8,337	91,597	62	0.74					
NEW JERSEY	906	3,466	10,481	72	2.08	94	1,068	31,126	12	1.12					
NEW MEXICO	854	5,639	18,091	38	0.67	646	13,913	59,006	127	0.91					
NEW YORK	709	8,433	24,743	58	0.91	228	3,708	44,557	38	1.02					
NORTH CAROLINA	630	923	4,771	7	0.76	40	177	12,129	2	1.13					
NORTH DAKOTA	847	8,044	26,019	62	0.77	725	15,531	58,691	70	0.45					
OHIO	723	3,630	13,755	54	1.49	207	3,221	42,631	31	0.96					
OKLAHOMA	596	3,611	16,627	38	1.05	132	2,732	56,704	17	0.62					
OREGON	1,188	7,947	18,720	60	0.63	403	7,108	48,322	28	0.39					
PENNSYLVANIA	21	2,206	28,676	0	0.00	49	1,051	58,764	7	0.67					
RHODE ISLAND	673	5,766	23,432	45	0.78	118	2,105	48,874	16	0.86					
SOUTH CAROLINA	631	1,340	5,818	13	0.97	47	226	13,174	1	0.44					
SOUTH DAKOTA	700	8,731	23,642	63	0.94	282	5,663	55,016	35	0.62					
TENNESSEE	2,282	11,645	17,901	174	1.49	947	23,075	66,757	216	0.94					
TEXAS	792	2,300	7,956	56	2.43	146	2,696	50,591	24	0.89					
UTAH	286	9,386	9,541	8	0.80	34	238	19,176	0	0.00					
VERMONT	286	7,861	24,897	68	0.93	299	8,052	73,780	45	0.56					
VIRGINIA	619	3,536	18,686	44	1.24	240	7,268	92,968	37	0.51					
WASHINGTON	427	2,554	16,387	35	1.37	90	1,079	32,846	13	1.20					
WEST VIRGINIA	516	3,904	20,720	21	0.54	124	2,600	57,446	9	0.35					
WISCONSIN	863	1,673	5,311	29	1.73	50	159	8,712	1	0.63					
WYOMING	-	-	-	-	-	-	-	-	-	-					
SUBTOTAL	33,547	200,573	16,360	2,258	1.13	11,527	278,404	66,171	1,965	0.71					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-B. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
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/
ALABAMA	5,867	8,541	3,975	287	9.36	ALABAMA	875	4,725	14,795	89	1.88
ALASKA	955	493	1,414	11	2.23	ALASKA	64	217	9,289	5	1.38
ARIZONA	9,216	3,777	3,216	134	9.55	ARIZONA	889	6,223	19,278	17	0.27
ARKANSAS	4,735	5,482	3,172	124	2.26	ARKANSAS	480	2,293	13,088	19	0.83
CALIFORNIA	9,512	23,224	6,685	701	3.02	CALIFORNIA	1,556	39,185	68,554	379	0.97
COLORADO	3,848	4,083	2,900	91	2.23	COLORADO	457	3,636	21,798	65	1.51
CONNECTICUT	889	2,262	6,985	28	1.24	CONNECTICUT	581	4,141	19,527	84	1.55
DELAWARE	337	1,712	13,918	28	1.64	DELAWARE	106	891	23,029	27	3.09
DIST. OF COL.						DIST. OF COL.					
FLORIDA	5,752	14,082	6,698	450	9.20	FLORIDA	1,781	19,767	28,182	27	1.47
GEORGIA	8,579	12,256	3,914	333	2.72	GEORGIA	2,258	17,377	23,984	284	1.44
HAWAII	390	1,309	3,196	48	3.67	HAWAII	1,543	1,456	30,854	179	1.03
IDAHO	7,822	2,080	2,110	77	3.74	IDAHO	62	394	32,967	35	2.40
ILLINOIS	2,675	9,806	3,435	234	2.39	ILLINOIS	2,055	13,882	13,184	5	1.27
INDIANA	4,234	9,713	6,285	182	1.87	INDIANA	771	4,553	18,507	218	1.57
IOWA	8,037	6,634	2,330	145	2.12	IOWA	716	2,417	9,248	74	1.74
KANSAS	7,715	5,847	2,005	120	2.13	KANSAS	335	1,615	13,208	16	0.99
KENTUCKY	3,366	5,897	4,797	163	2.76	KENTUCKY	478	2,724	15,613	46	1.89
LOUISIANA	2,849	4,678	4,638	141	3.02	LOUISIANA	483	9,012	17,085	60	1.99
MAINE	1,823	3,205	1,461	62	1.93	MAINE	187	934	13,684	21	2.25
MARYLAND	1,641	6,696	11,082	134	2.02	MARYLAND	564	6,685	32,474	105	1.57
MASSACHUSETTS	1,011	3,438	9,317	14	0.41	MASSACHUSETTS	1,199	8,885	20,302	52	0.69
MICHIGAN	8,267	12,448	5,441	249	2.00	MICHIGAN	960	9,268	26,450	105	1.13
MINNESOTA	8,680	6,238	2,600	144	1.75	MINNESOTA	823	3,738	16,438	37	0.99
MISSISSIPPI	5,434	6,133	3,092	232	3.78	MISSISSIPPI	343	1,539	12,293	37	2.40
MISSOURI	6,468	9,823	4,161	248	2.62	MISSOURI	562	9,564	17,689	37	1.04
MONTANA	6,351	2,572	1,317	79	3.07	MONTANA	103	463	12,315	0	0.00
NEBRASKA	6,931	4,086	1,618	82	2.01	NEBRASKA	263	1,447	15,074	9	0.62
NEVADA	1,787	1,418	2,171	49	3.48	NEVADA	169	930	36,927	15	1.61
NEW HAMPSHIRE	984	2,348	6,687	45	1.92	NEW HAMPSHIRE	189	1,100	17,833	14	1.27
NEW JERSEY	600	3,001	10,277	77	2.57	NEW JERSEY	879	8,981	36,238	121	1.95
NEW MEXICO	9,664	2,828	2,113	122	4.32	NEW MEXICO	224	1,162	14,212	36	3.10
NEW YORK	6,416	11,586	4,946	272	2.35	NEW YORK	2,028	21,984	29,699	332	1.61
NORTH CAROLINA	3,785	8,920	6,457	189	2.12	NORTH CAROLINA	659	5,252	21,835	35	0.67
NORTH DAKOTA	5,403	1,749	687	26	1.49	NORTH DAKOTA	137	452	9,039	5	1.37
OHIO	4,993	10,710	5,877	244	2.28	OHIO	1,596	8,520	16,342	130	1.47
OKLAHOMA	4,876	6,975	3,358	139	2.33	OKLAHOMA	432	2,349	14,897	26	1.11
OREGON	4,642	5,878	3,469	185	2.81	OREGON	404	2,984	20,238	44	1.47
PENNSYLVANIA	7,754	18,561	8,652	382	2.31	PENNSYLVANIA	2,159	15,130	19,200	210	1.39
RHODE ISLAND	163	800	8,088	8	1.67	RHODE ISLAND	271	1,544	15,609	16	1.04
SOUTH CAROLINA	4,956	8,553	4,728	258	3.02	SOUTH CAROLINA	726	4,795	18,095	85	1.77
SOUTH DAKOTA	5,691	2,283	1,099	53	2.32	SOUTH DAKOTA	108	481	12,202	4	0.63
TENNESSEE	5,227	6,547	4,690	288	2.97	TENNESSEE	938	5,790	18,912	122	2.11
TEXAS	14,614	21,908	4,052	475	3.17	TEXAS	1,960	18,913	26,437	286	1.41
UTAH	2,505	1,754	1,918	53	3.02	UTAH	110	616	15,342	11	1.79
VERMONT	1,041	1,514	3,985	26	1.72	VERMONT	83	343	11,322	3	0.67
VIRGINIA	4,753	10,640	6,248	256	2.36	VIRGINIA	660	5,201	21,590	60	1.15
WASHINGTON	4,373	5,323	3,335	153	2.87	WASHINGTON	650	5,414	22,820	55	1.02
WEST VIRGINIA	2,240	3,650	4,709	118	3.08	WEST VIRGINIA	207	1,044	13,818	22	2.11
WISCONSIN	8,358	11,114	3,644	251	2.26	WISCONSIN	970	5,666	16,003	58	0.99
WYOMING	2,866	1,555	1,486	35	2.25	WYOMING	124	406	8,970	6	1.48
SUBTOTAL	226,078	327,504	3,969	8,203	2.50	SUBTOTAL	34,195	288,919	22,988	3,718	1.30

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-C. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
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	RATE 1/
ALABAMA	1,546	4,700	6,329	72	1.53	1,246	1,667	3,665	19	1.14	
ALASKA	120	571	13,037	14	2.45	118	117	2,717	1	0.65	
ARIZONA	1,113	5,660	14,474	223	3.79	720	899	3,421	5	0.56	
ARKANSAS	856	2,001	6,412	6	0.30	305	258	2,316	0	0.00	
CALIFORNIA	12,727	64,672	18,227	1,651	1.96	5,064	7,669	4,160	120	1.56	
COLORADO	1,766	5,747	8,908	101	1.76	828	440	1,926	6	0.82	
CONNECTICUT	1,235	3,213	7,126	79	2.46	1,720	1,237	1,970	36	2.91	
DELAWARE	166	676	14,458	15	1.71	155	332	5,668	8	1.61	
DIST. OF COL.	89	432	13,298	9	2.08	144	320	6,240	3	0.90	
FLORIDA	1,841	15,467	21,632	540	3.49	2,662	5,566	5,749	0	0.00	
GEORGIA	2,176	439	21,632	104	23.07	1,806	3,674	7,316	49	1.33	
HAWAII	143	668	16,630	16	1.26	179	476	7,316	6	1.26	
IDAHO	483	1,199	12,262	15	1.66	3,082	216	2,186	4	1.63	
ILLINOIS	3,553	15,777	12,166	293	1.86	3,072	6,469	5,732	115	1.78	
INDIANA	2,945	6,476	7,665	151	1.78	1,769	1,602	2,481	33	2.06	
IOWA	1,477	2,529	4,691	29	1.15	966	1,514	1,750	13	2.11	
KANSAS	1,154	3,341	7,932	41	1.23	497	456	2,514	4	0.66	
KENTUCKY	1,202	4,403	10,034	60	1.36	806	1,437	4,685	13	0.80	
LOUISIANA	1,374	5,283	10,534	111	2.10	793	979	3,362	19	1.84	
MAINE	344	1,067	6,657	6	0.74	382	368	2,937	4	1.03	
MARYLAND	1,467	6,104	15,136	133	1.64	666	1,367	5,523	22	1.59	
MASSACHUSETTS	3,336	10,283	8,429	108	1.06	2,599	2,771	2,955	51	1.64	
MICHIGAN	4,314	19,714	12,520	366	1.66	1,152	2,035	4,840	5	0.26	
MINNESOTA	1,622	6,471	6,930	62	0.96	1,634	560	2,420	7	1.25	
MISSISSIPPI	1,856	2,314	6,618	44	1.90	761	632	2,985	17	2.04	
MISSOURI	1,684	6,773	12,758	121	1.34	599	797	3,371	10	2.36	
MONTANA	242	1,596	6,747	8	1.39	100	64	2,301	2	0.41	
NEBRASKA	659	1,948	6,099	27	1.39	405	463	3,267	2	1.58	
NEVADA	460	2,767	16,599	65	3.06	87	190	5,366	3	1.58	
NEW HAMPSHIRE	306	1,164	6,360	8	0.68	336	327	2,851	4	1.22	
NEW JERSEY	3,565	6,501	6,533	270	3.16	1,823	2,903	4,363	46	1.56	
NEW MEXICO	445	2,130	13,114	35	1.64	128	232	4,966	6	2.59	
NEW YORK	5,172	24,844	13,160	606	2.44	3,561	5,032	3,871	101	2.61	
NORTH CAROLINA	2,640	6,880	10,056	92	0.95	355	580	2,933	10	2.63	
NORTH DAKOTA	286	667	4,443	7	1.50	213	175	2,251	4	2.29	
OHIO	3,220	11,637	6,716	215	1.82	4,148	4,198	2,273	110	2.62	
OKLAHOMA	2,240	6,807	6,826	63	0.93	755	683	2,478	16	0.66	
OREGON	1,206	3,961	9,029	54	1.36	848	1,161	3,751	14	1.21	
PENNSYLVANIA	3,662	14,044	9,963	206	1.47	3,191	4,714	4,114	34	0.71	
RHODE ISLAND	432	1,936	12,276	20	1.03	496	527	2,899	10	1.90	
SOUTH CAROLINA	634	2,563	11,162	56	1.36	534	1,030	5,284	0	0.00	
SOUTH DAKOTA	269	440	4,171	6	1.36	101	76	2,116	3	3.65	
TENNESSEE	1,357	6,762	13,632	116	1.75	1,611	2,367	3,611	40	1.68	
TEXAS	6,596	24,761	10,265	270	1.09	1,602	1,817	3,107	21	1.16	
UTAH	536	2,952	16,237	36	1.27	385	520	6,460	5	0.54	
VERMONT	171	7,810	7,810	7	1.47	176	172	2,647	2	1.16	
VIRGINIA	2,046	10,564	14,146	144	1.36	1,404	2,143	4,162	37	1.73	
WASHINGTON	2,500	9,708	10,339	133	1.37	1,736	2,366	3,734	39	1.65	
WEST VIRGINIA	406	1,409	9,500	16	1.26	432	466	3,312	7	1.44	
WISCONSIN	2,046	6,346	6,346	67	1.07	936	766	2,242	8	1.04	
WYOMING	243	401	4,621	9	2.24	315	223	1,940	3	1.35	
SUBTOTAL	92,109	379,670	11,293	6,936	1.63	55,571	76,746	3,764	1,067	1.42	

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-D. FATAL ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/
ALABAMA	11,581	4,712	1,115	175	3.71
ALASKA	1,816	487	735	8	1.64
ARIZONA	3,256	3,309	2,784	73	2.21
ARKANSAS	7,374	2,124	789	57	2.68
CALIFORNIA	11,176	10,369	2,542	469	4.52
COLORADO	3,410	1,441	1,158	43	2.98
CONNECTICUT	902	1,461	4,438	32	2.19
DELAWARE	605	645	2,921	22	3.41
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,396	2,818	1,756	66	2.34
GEORGIA	14,011	6,223	1,217	262	4.21
HAWAII	435	564	3,552	23	4.08
IDAHO	4,057	1,088	735	40	3.68
ILLINOIS	12,922	4,155	881	136	3.27
INDIANA	9,740	8,743	2,459	182	2.08
IOWA	13,566	2,509	507	60	2.39
KANSAS	22,655	2,688	325	76	2.83
KENTUCKY	7,172	5,039	1,925	194	3.85
LOUISIANA	7,349	5,297	1,975	220	4.15
MAINE	2,742	1,772	1,771	32	1.81
MARYLAND	1,911	2,309	3,310	80	3.46
MASSACHUSETTS	2,007	1,581	2,158	31	1.96
MICHIGAN	17,059	9,944	1,597	328	3.30
MINNESOTA	16,604	3,805	628	84	2.21
MISSISSIPPI	11,695	3,485	816	145	4.16
MISSOURI	18,093	5,771	874	243	4.21
MONTANA	4,744	738	426	25	3.39
NEBRASKA	11,458	1,247	298	29	2.33
NEVADA	2,315	867	1,026	44	5.07
NEW HAMPSHIRE	1,232	1,269	2,822	17	1.34
NEW JERSEY	1,687	2,470	4,011	63	2.55
NEW MEXICO	3,640	1,103	830	58	5.26
NEW YORK	6,293	5,473	2,383	157	2.87
NORTH CAROLINA	10,325	11,080	2,940	316	2.85
NORTH DAKOTA	10,628	775	200	20	2.58
OHIO	11,793	8,717	2,025	239	2.74
OKLAHOMA	11,809	3,953	917	86	2.18
OREGON	7,817	2,655	931	91	3.43
PENNSYLVANIA	7,980	6,115	2,099	201	3.29
RHODE ISLAND	201	151	2,058	8	5.30
SOUTH CAROLINA	8,534	5,093	1,635	207	4.06
SOUTH DAKOTA	11,094	952	235	31	3.26
TENNESSEE	5,456	3,189	1,601	134	4.20
TEXAS	32,638	13,684	1,149	454	3.32
UTAH	2,707	829	839	18	2.17
VERMONT	1,913	1,079	1,545	19	1.76
VIRGINIA	10,200	6,407	1,721	188	2.93
WASHINGTON	7,320	5,075	1,899	134	2.64
WEST VIRGINIA	6,351	3,416	1,474	144	4.22
WISCONSIN	13,040	4,481	941	125	2.79
WYOMING	2,266	455	550	9	1.98
SUBTOTAL	399,975	183,612	1,258	5,898	3.21

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-E. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
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/
ALABAMA	1	1	2,740	0	0.00	219	247	3,090	1	0.40	
ALASKA	-	-	-	-	-	24	24	21,918	1	4.17	
ARIZONA	363	276	2,076	109	39.64	40	109	7,466	0	0.00	
ARKANSAS	16	24	4,110	1	4.17	1,223	2,967	3,086	2	0.44	
CALIFORNIA	-	-	-	-	-	8	4	6,647	48	1.62	
CONNECTICUT	9	11	3,349	0	0.00	34	4	1,370	0	0.00	
DELAWARE	-	-	-	-	-	1	1	142,949	13	0.73	
DIST. OF COL.	-	-	-	-	-	8	3	2,740	0	0.00	
FLORIDA	336	1,338	10,943	63	3.96	410	2,761	18,450	28	1.01	
GEORGIA	10	1	274	0	0.00	9	1	304	0	0.00	
HAWAII	-	-	-	-	-	46	132	7,862	0	0.00	
IOWA	-	-	-	-	-	34	42	3,384	0	0.00	
ILLINOIS	2	1	1,370	0	0.00	30	75	6,849	2	2.67	
INDIANA	6	1	457	0	0.00	13	31	6,533	0	0.00	
IOWA	-	-	-	-	-	216	700	8,878	9	1.28	
KANSAS	26	3	316	0	0.00	1	1	2,740	0	0.00	
KENTUCKY	10	2	548	0	0.00	300	602	5,498	8	1.33	
LOUISIANA	1	1	2,740	0	0.00	3	6	5,479	0	0.00	
MAINE	-	-	-	-	-	9	21	6,393	0	0.00	
MARYLAND	-	-	-	-	-	3	1	913	0	0.00	
MASSACHUSETTS	-	-	-	-	-	467	781	4,465	4	0.53	
MICHIGAN	-	-	-	-	-	24	6	913	1	12.50	
MINNESOTA	-	-	-	-	-	14	18	3,523	0	0.00	
MISSISSIPPI	278	120	1,178	2	1.67	500	1,240	6,796	15	1.21	
MISSOURI	63	4	174	1	28.00	37	25	1,851	0	0.00	
MONTANA	-	-	-	-	-	-	-	-	-	-	
NEBRASKA	-	-	-	-	-	21	39	5,088	2	5.13	
NEVADA	-	-	-	-	-	21	154	20,091	0	0.00	
NEW HAMPSHIRE	18	218	31,435	17	0.46	269	6,678	68,364	35	0.40	
NEW JERSEY	128	1,364	29,898	0	0.00	124	490	10,826	4	0.82	
NEW MEXICO	6	1	548	0	0.00	127	888	14,842	1	0.16	
NEW YORK	257	158	1,664	3	1.90	856	1,968	6,264	6	0.41	
NORTH CAROLINA	2	1	1,370	0	0.00	-	-	-	-	-	
NORTH DAKOTA	-	-	-	-	-	-	-	-	-	-	
OHIO	224	23	281	1	4.35	162	93	1,573	0	0.00	
OKLAHOMA	61	116	3,924	2	1.72	26	87	9,168	0	0.00	
OREGON	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA	3	2	1,826	0	0.00	259	440	4,654	18	3.64	
RHODE ISLAND	-	-	-	-	-	8	6	2,055	0	0.00	
SOUTH CAROLINA	14	1	198	1	100.00	-	-	-	-	-	
SOUTH DAKOTA	-	-	-	-	-	1,798	6,000	9,143	15	0.25	
TENNESSEE	3	2	1,826	1	50.00	42	53	3,457	0	0.00	
TEXAS	39	16	1,124	0	0.00	-	-	-	-	-	
UTAH	-	-	-	-	-	125	705	15,452	0	0.00	
VERMONT	312	19	167	0	0.00	10	39	10,685	0	0.00	
VIRGINIA	-	-	-	-	-	1	1	2,740	0	0.00	
WASHINGTON	-	-	-	-	-	102	116	3,116	3	2.59	
WEST VIRGINIA	1	4	10,959	0	0.00	3	2	1,826	0	0.00	
WISCONSIN	253	15	162	2	13.33	-	-	-	-	-	
WYOMING	-	-	-	-	-	8,009	31,565	10,798	216	0.68	
SUBTOTAL	2,459	3,722	4,147	194	5.21	8,009	31,565	10,798	216	0.68	

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-F. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
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/
ALABAMA	6,871	1,152	453	39	3.39	461	263	1,662	6	2.12	
ALASKA	993	148	408	3	2.03	46	30	1,787	0	0.00	
ARIZONA	3,556	694	535	26	3.75	930	728	2,145	9	1.24	
ARKANSAS	11,606	1,764	421	37	3.07	701	346	1,348	0	0.00	
CALIFORNIA	11,836	4,191	987	153	3.65	2,683	3,956	4,840	54	1.37	
COLORADO	16,967	2,184	370	50	2.32	530	545	2,817	7	1.28	
CONNECTICUT	1,195	502	1,151	7	2.50	196	1,237	17,291	9	0.00	
DELAWARE	156	80	1,405	2	2.50	13	7	1,475	0	0.00	
DIST. OF COL.	-	-	-	-	-	12	3	685	0	0.00	
FLORIDA	5,485	1,699	849	118	6.95	2,116	3,502	4,530	0	0.00	
GEORGIA	7,288	1,976	743	45	2.28	1	1	1,370	0	0.00	
IDAHO	136	181	3,648	4	2.21	1	1	2,740	0	0.00	
ILLINOIS	4,833	294	782	6	2.72	113	99	2,400	1	1.01	
INDIANA	4,852	1,385	762	65	3.97	199	208	2,864	4	1.92	
IOWA	10,317	1,861	494	51	2.74	182	94	1,341	3	3.19	
KANSAS	16,400	795	123	23	3.15	81	70	2,368	0	0.00	
KENTUCKY	9,394	266	83	9	3.15	273	365	3,864	2	0.52	
KENTUCKY	9,315	2,021	594	105	5.20	95	19	542	0	0.00	
LOUISIANA	4,308	1,481	942	58	3.92	353	270	2,596	3	1.11	
LOUISIANA	4,308	1,481	942	58	3.92	353	270	2,596	3	1.11	
MAINE	2,788	1,038	1,020	26	2.41	32	32	2,740	0	0.00	
MARYLAND	1,893	762	1,103	19	2.49	486	588	3,371	11	1.64	
MASSACHUSETTS	1,951	372	522	11	2.96	156	106	1,862	2	1.89	
MICHIGAN	7,625	1,756	659	46	2.62	1,630	1,713	2,865	14	1.05	
MINNESOTA	11,878	1,122	259	32	2.85	1,209	2,007	4,540	21	0.00	
MISSISSIPPI	2,918	386	362	10	2.59	88	1	1,370	0	0.00	
MISSISSIPPI	5,439	416	210	12	2.88	898	893	1,370	6	0.67	
MISSOURI	11,188	476	117	14	2.94	126	101	2,196	2	1.86	
MONTANA	9,233	263	84	13	4.59	335	345	2,622	11	3.18	
NEBRASKA	2,468	221	245	9	4.07	4	4	2,055	0	0.00	
NEVADA	1,233	414	920	8	1.93	96	3	3,453	3	2.48	
NEW HAMPSHIRE	1,301	929	1,956	20	2.15	157	245	4,275	11	4.49	
NEW JERSEY	2,834	316	295	19	6.01	382	616	5,652	8	0.98	
NEW MEXICO	10,788	5,310	1,347	107	2.02	1,020	814	2,186	12	1.47	
NEW YORK	9,236	3,659	1,145	142	3.66	13	2	421	0	0.00	
NORTH CAROLINA	7,967	2,17	804	78	3.73	451	248	1,507	2	0.81	
NORTH CAROLINA	7,967	2,17	804	78	3.73	451	248	1,507	2	0.81	
NORTH DAKOTA	12,124	2,091	231	6	0.56	127	146	3,150	1	0.68	
OHIO	9,153	1,069	263	26	2.98	625	452	1,981	11	2.43	
OKLAHOMA	8,376	2,754	901	82	0.00	13	12	2,529	1	6.33	
OREGON	153	65	1,164	36	5.44	625	452	1,981	11	2.43	
PENNSYLVANIA	4,004	882	453	6	4.20	13	12	2,529	1	6.33	
RHODE ISLAND	7,369	180	67	6	4.44	5,281	6,960	3,092	3	0.06	
SOUTH CAROLINA	10,790	2,382	605	100	3.39	67	49	1,543	0	0.00	
SOUTH DAKOTA	29,824	9,184	366	108	3.62	1,020	814	2,186	12	1.47	
TENNESSEE	4,824	284	168	8	2.62	13	2	421	0	0.00	
TEXAS	986	182	506	2	1.10	625	452	1,981	11	2.43	
UTAH	2,405	493	562	28	5.68	41	63	4,210	0	0.00	
VERMONT	6,708	1,656	676	48	2.80	2	5	6,849	0	0.00	
VIRGINIA	2,182	346	438	13	3.76	491	490	2,734	5	1.02	
WASHINGTON	7,208	992	377	30	3.02	5	5	2,740	0	0.00	
WEST VIRGINIA	2,068	992	377	30	3.02	5	5	2,740	0	0.00	
WISCONSIN	7,874	433	155	8	1.85	22,677	27,010	3,263	222	0.82	
WYOMING	330,303	58,152	482	1,688	3.25	22,677	27,010	3,263	222	0.82	
SUBTOTAL	330,303	58,152	482	1,688	3.25	22,677	27,010	3,263	222	0.82	

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-6. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL					URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
ALABAMA	48,736	3,736	210	149	3.99	ALABAMA	12,260	4,588	1,025	55	1.20
ALASKA	7,134	458	176	6	1.75	ALASKA	1,147	525	776	3	0.92
ARIZONA	25,876	1,589	169	114	7.13	ARIZONA	10,845	4,104	1,037	53	1.29
ARKANSAS	44,911	1,128	89	95	6.42	ARKANSAS	4,812	647	368	20	3.09
CALIFORNIA	55,886	2,383	117	248	10.41	CALIFORNIA	49,876	14,247	786	274	1.92
COLORADO	42,400	533	34	30	5.63	COLORADO	7,734	1,625	576	11	0.60
CONNECTICUT	6,182	346	418	22	2.33	CONNECTICUT	6,907	1,708	877	22	1.28
DELAWARE	2,731	487	489	12	2.46	DELAWARE	1,133	589	1,424	1	0.17
DIST. OF COL.	43,073	3,144	200	401	12.76	DIST. OF COL.	348	348	1,436	3	0.87
FLORIDA	57,121	4,417	212	185	3.74	FLORIDA	36,229	20,555	1,473	422	2.06
GEORGIA	1,611	653	1,111	5	0.77	GEORGIA	15,820	7,761	1,344	100	1.29
HAWAII	48,111	1,905	108	28	1.47	HAWAII	1,030	1,052	2,786	6	0.57
ILLINOIS	78,930	3,325	118	97	2.82	ILLINOIS	7,105	7,105	864	111	1.58
INDIANA	48,884	2,433	138	116	4.77	INDIANA	4,227	1,159	875	53	1.25
IOWA	85,101	1,470	62	43	2.93	IOWA	5,398	1,721	588	17	1.47
KANSAS	83,997	1,472	48	57	3.67	KANSAS	6,470	1,721	729	19	1.10
KENTUCKY	41,516	2,324	153	85	3.68	KENTUCKY	4,925	1,735	965	28	1.61
LOUISIANA	31,358	1,008	194	83	3.74	LOUISIANA	8,428	6,428	2,001	44	2.68
MAINE	12,228	1,287	225	25	2.49	MAINE	1,519	245	444	7	0.68
MARYLAND	18,648	1,287	325	35	2.72	MARYLAND	8,845	1,748	541	34	3.63
MASSACHUSETTS	8,081	1,034	350	115	5.51	MASSACHUSETTS	17,690	5,248	1,090	201	3.63
MICHIGAN	59,060	2,842	118	43	4.62	MICHIGAN	3,948	611	735	70	0.67
MINNESOTA	77,338	2,577	91	43	1.67	MINNESOTA	8,879	2,652	948	23	0.67
MISSISSIPPI	44,278	3,815	242	88	1.69	MISSISSIPPI	1,783	1,783	848	24	1.35
MISSOURI	74,847	3,553	130	82	2.31	MISSOURI	2,582	689	689	36	1.38
MONTANA	48,626	754	17	44	2.25	MONTANA	1,816	538	912	1	0.19
NEBRASKA	59,385	1,258	58	36	2.67	NEBRASKA	3,588	678	518	6	0.88
NEVADA	35,371	305	24	12	3.83	NEVADA	2,058	598	794	18	3.02
NEW HAMPSHIRE	8,775	542	169	20	3.69	NEW HAMPSHIRE	1,469	255	476	8	3.14
NEW JERSEY	7,711	841	299	31	3.69	NEW JERSEY	10,685	1,667	684	64	0.59
NEW MEXICO	38,089	2,013	145	40	1.99	NEW MEXICO	15,800	1,098	694	25	2.26
NEW YORK	48,865	3,415	181	115	3.37	NEW YORK	8,202	8,202	884	168	2.05
NORTH CAROLINA	51,133	3,358	180	221	6.58	NORTH CAROLINA	25,987	7,117	1,446	128	1.77
NORTH DAKOTA	60,178	883	31	2	0.29	NORTH DAKOTA	13,485	289	707	4	1.38
OHIO	57,415	6,068	269	193	3.18	OHIO	21,241	10,280	1,323	198	1.35
OKLAHOMA	69,359	1,845	73	108	5.65	OKLAHOMA	7,836	3,185	1,114	35	1.10
OREGON	84,271	1,501	64	37	2.47	OREGON	5,865	1,008	487	11	1.09
PENNSYLVANIA	62,886	5,374	230	137	2.50	PENNSYLVANIA	18,729	5,783	843	184	3.19
RHODE ISLAND	982	72	201	3	1.17	RHODE ISLAND	3,338	990	813	7	0.71
SOUTH CAROLINA	38,536	2,189	164	114	5.21	SOUTH CAROLINA	6,447	718	305	30	5.29
SOUTH DAKOTA	48,183	695	40	17	2.45	SOUTH DAKOTA	295	295	692	1	0.34
TENNESSEE	47,046	1,831	95	91	5.58	TENNESSEE	10,952	3,238	810	75	2.32
TEXAS	143,614	4,237	61	314	7.41	TEXAS	27,046	1,050	1,050	584	2.08
UTAH	27,003	508	52	8	1.57	UTAH	1,829	1,829	1,047	15	0.92
VERMONT	6,715	478	151	15	3.13	VERMONT	714	380	1,381	0	0.00
VIRGINIA	34,002	3,238	281	87	2.69	VIRGINIA	10,717	5,454	1,364	41	0.75
WASHINGTON	48,116	1,174	70	44	3.75	WASHINGTON	11,093	3,073	760	39	1.27
WEST VIRGINIA	20,336	782	105	29	3.71	WEST VIRGINIA	9,968	621	621	8	1.79
WISCONSIN	88,380	2,895	120	61	2.60	WISCONSIN	9,728	5,015	1,413	22	0.44
WYOMING	23,339	346	41	3	0.68	WYOMING	1,212	158	357	0	0.00
SUBTOTAL	2,130,427	96,848	125	3,958	4.08	SUBTOTAL	533,275	198,778	1,011	3,240	1.65

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-H. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
TOTAL RURAL AND URBAN 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/
ALABAMA	73,816	22,598	638	702	ALABAMA	16,654	19,761	3,212	279	1.41	
ALASKA	11,936	2,278	522	57	ALASKA	1,549	1,703	3,012	3	1.94	
ARIZONA	36,945	14,771	1,095	459	ARIZONA	14,867	20,685	3,664	325	1.57	
ARKANSAS	89,406	34,414	1,529	467	ARKANSAS	7,677	7,597	2,711	64	0.84	
CALIFORNIA	89,652	34,923	1,876	1,626	CALIFORNIA	73,922	204,003	7,561	2,856	1.37	
COLORADO	66,406	11,709	463	280	COLORADO	11,272	15,469	3,760	212	1.34	
CONNECTICUT	9,066	6,597	1,969	93	CONNECTICUT	10,905	19,708	4,951	264	1.34	
DELAWARE	3,629	2,924	2,092	64	DELAWARE	1,615	3,624	6,148	57	1.57	
DIST. OF COL.	-	-	-	-	DIST. OF COL.	1,102	3,407	8,470	46	1.36	
FLORIDA	60,051	31,968	1,458	1,192	FLORIDA	46,034	78,029	4,451	1,395	1.79	
GEORGIA	87,673	33,681	1,650	681	GEORGIA	21,726	39,065	4,451	1,519	1.33	
HAWAII	2,587	2,810	2,976	81	HAWAII	1,512	3,256	9,524	74	1.41	
ILLINOIS	60,006	6,831	512	174	ILLINOIS	2,429	3,018	3,404	36	1.19	
INDIANA	103,941	26,139	869	568	INDIANA	32,003	67,195	4,696	842	1.47	
INDIANA	74,040	29,391	1,086	579	INDIANA	17,668	24,306	3,727	350	1.44	
IOWA	103,755	14,627	392	290	IOWA	8,768	8,166	2,548	114	1.40	
KANSAS	124,473	12,585	277	204	KANSAS	9,105	10,264	3,094	107	1.04	
KENTUCKY	16,976	19,671	876	586	KENTUCKY	7,692	13,768	4,904	184	1.19	
LOUISIANA	46,330	16,053	1,068	553	LOUISIANA	12,280	19,614	4,372	276	1.42	
MAINE	16,686	6,730	1,202	156	MAINE	2,394	3,141	3,450	40	1.27	
MARYLAND	16,462	13,781	2,285	266	MARYLAND	12,590	26,745	5,982	361	1.31	
MASSACHUSETTS	13,230	9,589	1,762	119	MASSACHUSETTS	20,646	37,621	4,944	427	1.14	
MICHIGAN	90,773	32,536	962	769	MICHIGAN	26,676	48,553	4,987	610	1.26	
MINNESOTA	115,169	16,730	702	322	MINNESOTA	14,208	20,218	2,888	179	0.69	
MISSISSIPPI	65,164	16,702	445	468	MISSISSIPPI	7,368	7,698	2,666	138	1.79	
MISSOURI	105,468	25,189	654	649	MISSOURI	15,039	25,694	4,681	294	1.14	
MONTANA	67,451	6,380	252	175	MONTANA	2,271	1,972	2,379	15	0.76	
NEBRASKA	42,440	4,372	252	172	NEBRASKA	4,352	5,179	2,865	48	0.93	
NEVADA	12,403	6,148	282	165	NEVADA	3,084	5,643	5,191	145	2.48	
NEW HAMPSHIRE	49,239	10,617	1,356	102	NEW HAMPSHIRE	2,433	3,698	4,162	36	1.03	
NEW JERSEY	73,329	31,423	2,452	216	NEW JERSEY	22,502	46,408	5,694	601	1.24	
NEW MEXICO	75,445	9,725	541	311	NEW MEXICO	6,498	6,423	3,201	129	2.01	
NEW YORK	33,778	31,423	1,174	689	NEW YORK	37,913	75,479	5,454	1,343	1.76	
NORTH CAROLINA	84,708	4,348	1,227	928	NORTH CAROLINA	19,245	26,929	4,116	1,321	1.11	
NORTH DAKOTA	82,172	35,628	1,166	62	NORTH DAKOTA	31,611	11,562	2,363	22	1.41	
OHIO	99,682	16,495	1,866	916	OHIO	12,083	51,344	4,476	663	1.28	
OKLAHOMA	66,559	14,638	453	394	OKLAHOMA	6,410	16,586	3,761	163	0.98	
OREGON	88,164	38,671	1,206	359	OREGON	26,344	12,099	3,941	141	1.17	
PENNSYLVANIA	1,523	976	1,115	662	PENNSYLVANIA	4,527	46,837	4,527	662	1.41	
RHODE ISLAND	54,703	22,253	1,115	19	RHODE ISLAND	4,568	6,048	3,612	60	0.98	
SOUTH CAROLINA	72,962	5,451	205	123	SOUTH CAROLINA	9,343	12,123	3,555	224	1.85	
SOUTH DAKOTA	66,286	22,680	905	654	SOUTH DAKOTA	15,340	23,630	2,430	16	1.04	
TENNESSEE	217,175	54,860	680	1,528	TENNESSEE	88,278	107,572	3,320	380	1.64	
TEXAS	37,669	6,691	414	143	TEXAS	3,575	8,355	3,320	1,355	1.26	
UTAH	12,941	4,260	900	70	UTAH	1,586	4,401	4,401	93	1.04	
VERMONT	52,448	28,059	1,466	625	VERMONT	16,251	32,119	5,770	12	0.76	
VIRGINIA	65,038	16,784	423	252	VIRGINIA	16,251	27,931	4,706	303	1.08	
WASHINGTON	31,516	10,946	952	339	WASHINGTON	3,078	4,470	3,981	68	1.52	
WEST VIRGINIA	95,481	23,390	671	508	WEST VIRGINIA	14,395	20,687	3,975	170	0.61	
WISCONSIN	37,261	4,479	329	86	WISCONSIN	1,952	1,954	1,900	19	1.40	
WYOMING	-	-	-	-	WYOMING	-	-	-	-	-	
SUBTOTAL	3,122,768	670,409	764	22,397	SUBTOTAL	757,363	1,277,092	4,620	17,382	1.36	

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-A. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL					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/
ALABAMA	642	4.444	18.965	750	16.88	247	3.551	39.988	934	26.30
ALASKA	1,038	690	1.821	330	47.83	51	4.19	22.509	301	71.84
ARIZONA	1,039	5,392	14,218	1,303	24.17	130	2,742	57,787	976	35.59
ARKANSAS	1,419	2,821	17,138	322	12.29	123	35,661	425	425	26.55
CALIFORNIA	1,418	14,732	28,504	3,226	21.90	983	51,287	142,942	15,682	30.58
COLORADO	793	3,498	12,085	1,196	34.19	149	3,472	63,841	1,995	57.46
CONNECTICUT	109	1,416	35,591	301	21.26	232	6,396	75,531	2,608	40.74
DELAWARE	-	-	-	-	-	41	928	62,011	261	28.13
DIST. OF COL.	-	-	-	-	-	12	484	108,936	255	54.96
FLORIDA	1,873	8,907	24,161	1,783	19.79	416	10,391	68,434	4,328	47.43
GEORGIA	1,873	8,907	27,645	1,327	15.06	372	9,812	72,284	4,367	44.51
HAWAII	5	102	55,890	45	44.12	98	1,401	101,009	826	58.96
ILLINOIS	530	1,484	7,671	420	28.30	75	6.18	22,575	197	31.88
INDIANA	1,415	7,468	14,460	1,594	21.34	546	13,712	68,804	7,087	51.68
INDIANA	863	6,640	21,080	1,679	25.29	285	5,279	50,747	797	15.10
IOWA	645	3,278	13,924	518	15.80	137	1,343	26,657	527	39.24
KANSAS	712	2,472	9,512	479	19.38	160	3,066	35,377	861	41.67
KENTUCKY	579	4,587	21,705	792	17.27	184	3,450	51,370	1,144	33.16
LOUISIANA	656	4,377	18,280	1,218	27.83	188	3,040	24,302	2,900	95.39
MAINE	313	1,708	14,950	573	33.55	53	4.49	43,210	230	51.22
MARYLAND	169	2,795	45,311	613	21.93	391	8,204	97,302	3,035	36.99
MASSACHUSETTS	772	2,084	33,586	167	8.01	231	10,347	71,405	1,524	14.73
MICHIGAN	688	5,850	20,761	406	95.79	455	11,114	66,922	1,488	44.13
MINNESOTA	560	2,888	13,038	314	13.59	217	4,780	60,350	319	26.39
MISSISSIPPI	841	2,865	13,038	821	11.78	124	1,209	26,712	319	47.88
MISSOURI	1,144	5,828	18,328	821	14.59	336	7,985	64,457	3,785	47.88
MONTANA	444	1,816	4,349	508	27.97	47	165	9,616	30	18.18
NEBRASKA	499	1,905	11,755	400	21.00	37	623	46,131	344	55.22
NEVADA	180	1,359	8,582	484	30.97	46	956	56,939	866	90.59
NEW HAMPSHIRE	126	1,912	20,685	111	8.17	44	673	41,905	44	6.54
NEW JERSEY	905	3,466	41,574	302	15.79	270	8,337	84,597	3,541	42.47
NEW MEXICO	854	5,639	18,481	971	28.01	94	1,068	31,128	565	52.90
NEW YORK	709	6,403	18,091	2,429	43.08	646	13,913	59,006	7,961	57.22
NORTH CAROLINA	530	6,403	24,743	1,543	24.10	228	3,708	44,557	751	20.25
NORTH DAKOTA	847	523	4,771	112	12.13	40	1,177	12,123	53	29.94
OHIO	723	8,044	26,019	1,719	21.37	725	15,531	56,691	7,799	50.22
OKLAHOMA	595	3,630	13,755	611	16.83	207	3,221	42,631	1,896	58.86
OREGON	1,166	3,611	16,627	596	16.51	132	2,732	56,704	1,250	45.75
PENNSYLVANIA	21	7,967	18,720	1,564	19.63	403	7,108	48,322	2,481	34.90
RHODE ISLAND	673	206	26,875	25	12.14	49	1,051	56,764	486	46.24
SOUTH CAROLINA	631	5,756	23,432	625	10.86	118	2,105	48,874	588	27.93
SOUTH DAKOTA	780	1,340	5,818	277	20.67	47	226	13,174	87	38.50
TENNESSEE	2,282	6,731	23,642	1,152	17.11	282	5,563	55,018	2,265	40.00
TEXAS	792	11,846	13,981	2,921	25.08	947	23,075	66,757	17,662	76.54
UTAH	286	2,300	7,956	721	31.35	146	2,696	50,591	1,069	39.65
VERMONT	777	996	9,541	171	17.17	34	238	19,178	28	11.76
VIRGINIA	519	7,061	24,897	1,211	17.15	299	8,052	73,780	2,434	30.23
WASHINGTON	427	3,536	16,666	1,023	26.93	240	7,268	82,968	4,531	62.34
WEST VIRGINIA	516	2,554	16,387	689	26.98	90	1,079	32,846	530	49.12
WISCONSIN	863	3,904	20,728	874	22.39	124	2,600	57,446	969	37.27
WYOMING	863	1,873	5,311	621	37.12	50	2,159	8,712	83	52.20
SUBTOTAL	33,547	200,573	16,380	43,911	21.89	11,527	278,404	66,171	120,668	43.34

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-B. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
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/
ALABAMA	5,807	6,541	3,975	4,187	ALABAMA	975	4,725	14,795	3,119	68.01	
ALASKA	955	493	1,414	151	ALASKA	64	217	9,289	280	129.03	
ARIZONA	3,218	3,777	3,216	2,484	ARIZONA	889	6,223	19,178	1,706	27.41	
ARKANSAS	4,735	5,482	3,172	2,235	ARKANSAS	480	2,293	13,088	1,675	73.05	
CALIFORNIA	3,612	23,224	6,689	10,885	CALIFORNIA	1,566	39,185	68,554	20,840	52.67	
COLORADO	3,848	4,083	2,907	1,912	COLORADO	457	3,636	21,798	4,337	119.28	
CONNECTICUT	609	2,282	8,995	1,452	CONNECTICUT	581	4,141	19,527	5,546	133.93	
DELAWARE	337	1,712	13,918	757	DELAWARE	106	891	23,029	1,200	134.68	
DIST. OF COL.	-	-	-	-	DIST. OF COL.	178	1,831	28,182	4,796	261.93	
FLORIDA	5,752	14,082	6,698	8,339	FLORIDA	2,258	19,787	23,984	21,935	110.48	
GEORGIA	6,578	12,286	3,914	7,818	GEORGIA	1,543	17,377	30,854	15,357	88.38	
HAWAII	390	1,309	9,196	919	HAWAII	121	1,456	32,967	1,745	119.85	
IDAH0	2,675	2,080	2,110	1,118	IDAH0	82	394	13,164	492	124.87	
ILLINOIS	7,822	9,808	3,435	5,997	ILLINOIS	2,055	13,862	18,507	22,452	161.73	
INDIANA	4,234	7,913	6,285	7,495	INDIANA	771	4,553	16,179	4,905	107.73	
IOWA	8,037	8,834	2,330	2,957	IOWA	716	2,417	9,248	4,165	172.32	
KANSAS	7,716	6,647	2,005	2,027	KANSAS	335	1,615	13,208	2,180	134.98	
KENTUCKY	3,368	5,897	4,797	4,398	KENTUCKY	478	2,724	15,613	4,090	150.16	
LOUISIANA	2,649	4,678	4,836	2,933	LOUISIANA	483	3,012	17,085	8,328	278.43	
MAINE	1,823	3,205	4,817	2,183	MAINE	187	934	13,684	1,635	175.05	
MARYLAND	1,641	6,638	11,082	4,158	MARYLAND	564	6,685	32,474	8,326	124.55	
MASSACHUSETTS	1,011	3,438	9,317	1,047	MASSACHUSETTS	1,199	8,885	20,302	6,594	74.21	
MICHIGAN	6,267	12,448	5,441	10,054	MICHIGAN	360	9,288	28,450	10,330	111.48	
MINNESOTA	5,434	6,238	3,092	3,407	MINNESOTA	623	3,738	18,438	3,627	97.03	
MISSISSIPPI	6,468	9,823	4,161	2,507	MISSISSIPPI	343	1,539	12,293	1,824	118.52	
MISSOURI	5,351	2,572	1,317	1,113	MISSOURI	552	3,584	17,689	3,310	92.87	
MONTANA	6,531	4,088	1,616	1,582	MONTANA	103	463	12,315	1,200	25.92	
NEBRASKA	1,787	1,418	2,171	869	NEBRASKA	283	1,447	15,074	2,825	195.23	
NEVADA	984	2,348	6,667	561	NEVADA	69	1,930	36,927	529	56.88	
NEW HAMPSHIRE	800	3,001	10,277	4,477	NEW HAMPSHIRE	169	1,100	17,833	426	38.73	
NEW JERSEY	3,684	2,826	2,113	149,18	NEW JERSEY	679	6,981	36,238	13,811	153.78	
NEW MEXICO	6,418	11,588	4,948	2,133	NEW MEXICO	2,024	1,162	14,212	1,957	171.86	
NEW YORK	3,785	8,520	6,487	5,123	NEW YORK	2,028	21,984	29,699	29,480	134.10	
NORTH CAROLINA	5,403	1,749	887	22,18	NORTH CAROLINA	659	5,252	21,835	3,346	63.71	
NORTH DAKOTA	4,993	10,710	5,877	368	NORTH DAKOTA	137	452	9,039	502	128.78	
OHIO	4,875	5,975	3,356	7,819	OHIO	1,598	9,520	16,342	17,546	184.51	
OKLAHOMA	4,642	5,678	3,469	2,084	OKLAHOMA	432	2,349	14,897	2,078	88.48	
OREGON	7,754	18,581	5,852	2,893	OREGON	404	2,984	20,238	3,481	116.66	
PENNSYLVANIA	183	8,563	8,088	12,450	PENNSYLVANIA	2,159	15,130	19,200	16,832	111.25	
RHODE ISLAND	4,958	2,263	1,028	47,71	RHODE ISLAND	726	4,795	18,095	2,238	144.82	
SOUTH CAROLINA	5,691	8,947	4,099	5,200	SOUTH CAROLINA	108	481	12,502	6,130	127.84	
SOUTH DAKOTA	5,227	21,900	4,052	8,483	SOUTH DAKOTA	938	5,790	16,912	7,903	187.73	
TENNESSEE	14,614	1,764	1,918	8,312	TENNESSEE	1,980	18,913	26,437	20,109	108.32	
TEXAS	2,505	1,514	3,965	900	TEXAS	1,110	616	15,342	737	119.64	
UTAH	1,041	10,840	6,285	757	UTAH	83	343	11,322	416	121.28	
VERMONT	4,753	3,323	4,753	6,508	VERMONT	860	5,201	21,590	6,004	115.44	
VIRGINIA	2,240	3,650	4,709	3,742	VIRGINIA	850	5,414	22,820	4,178	77.17	
WASHINGTON	2,373	3,650	4,395	4,165	WASHINGTON	207	1,044	13,818	1,905	162.47	
WEST VIRGINIA	8,368	11,114	3,644	6,904	WEST VIRGINIA	970	5,666	16,003	5,915	104.39	
WISCONSIN	2,888	1,555	1,488	492	WISCONSIN	124	406	8,970	448	110.34	
WYOMING	-	-	-	-	WYOMING	-	-	-	-	-	
SUBTOTAL	228,078	327,504	3,989	201,348	SUBTOTAL	34,195	286,919	22,988	313,957	109.42	

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-C. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
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/
ALABAMA	1,546	4,700	6,329	4,203	89.43	1,245	1,667	3,865	3,368	202.04	
ALASKA	120	571	13,037	1,119	195.97	116	117	2,717	112	96.73	
ARIZONA	1,113	5,680	14,474	20,988	358.94	720	899	3,421	899	100.00	
ARKANSAS	655	2,001	6,412	1,819	90.90	305	258	2,318	113	49.80	
CALIFORNIA	12,727	84,672	18,227	103,770	122.56	5,064	7,689	4,160	17,818	231.73	
COLORADO	1,768	5,747	6,906	9,455	164.52	626	440	1,928	513	116.59	
CONNECTICUT	1,295	3,219	7,126	9,296	289.32	1,720	1,237	1,970	9,555	287.39	
DELAWARE	168	676	14,458	1,191	195.96	155	332	5,858	448	134.34	
DIST. OF COL.	89	432	13,298	1,700	393.52	144	328	6,240	1,633	497.87	
FLORIDA	1,941	15,467	21,832	33,123	214.46	2,662	5,586	5,749	1,336	2.43	
GEORGIA	2,176	439	853	10,859	2,479.57	1,806	3,674	5,574	4,468	121.61	
HAWAII	143	688	16,850	2,131	246.51	179	478	7,518	844	176.57	
IDAHO	453	1,199	7,262	1,716	143.29	272	218	2,198	274	125.89	
ILLINOIS	3,553	15,777	12,166	27,425	173.63	3,092	6,469	5,732	10,496	162.24	
INDIANA	2,945	6,476	7,865	6,800	103.82	1,769	1,602	2,481	1,210	175.53	
IOWA	1,477	2,529	4,891	4,343	171.73	968	1,617	1,750	1,370	222.04	
IOWA	1,464	3,341	7,932	5,488	161.67	497	456	2,514	400	87.72	
KANSAS	1,164	3,341	7,932	5,488	161.67	497	456	2,514	400	87.72	
KENTUCKY	1,202	4,402	10,634	7,389	167.86	806	1,437	4,865	1,733	120.60	
LOUISIANA	1,374	5,269	10,534	7,487	141.72	793	979	3,362	186	18.90	
LOUISIANA	1,374	5,269	10,534	7,487	141.72	793	979	3,362	186	18.90	
MAINE	344	1,067	6,657	1,736	159.71	362	988	2,937	541	139.43	
MARYLAND	1,467	6,104	15,136	16,392	202.27	988	1,387	5,523	3,035	218.62	
MASSACHUSETTS	3,336	10,263	8,429	19,768	192.59	2,569	2,771	2,955	7,130	257.31	
MICHIGAN	4,514	19,714	12,520	29,086	147.13	1,152	2,036	4,840	5,357	263.24	
MINNESOTA	1,622	6,471	10,930	6,886	134.23	634	560	2,420	1,012	180.71	
MISSISSIPPI	958	2,314	6,816	3,078	193.02	761	832	2,995	1,080	129.61	
MISSISSIPPI	958	2,314	6,816	3,078	193.02	761	832	2,995	1,080	129.61	
MISSOURI	1,884	6,773	12,756	7,297	133.18	599	737	3,371	506	68.68	
MISSOURI	1,884	6,773	12,756	7,297	133.18	599	737	3,371	506	68.68	
MONTANA	242	598	6,747	370	62.08	100	84	2,301	154	183.33	
NEBRASKA	659	1,948	8,099	5,102	261.91	405	463	3,257	1,082	224.02	
NEBRASKA	659	1,948	8,099	5,102	261.91	405	463	3,257	1,082	224.02	
NEVADA	460	2,787	18,599	6,880	247.22	97	190	5,366	255	134.21	
NEVADA	460	2,787	18,599	6,880	247.22	97	190	5,366	255	134.21	
NEW HAMPSHIRE	388	1,184	6,360	754	63.68	336	327	2,651	227	89.42	
NEW HAMPSHIRE	388	1,184	6,360	754	63.68	336	327	2,651	227	89.42	
NEW JERSEY	3,685	8,501	6,533	45,775	538.47	1,823	2,903	4,363	9,276	319.53	
NEW JERSEY	3,685	8,501	6,533	45,775	538.47	1,823	2,903	4,363	9,276	319.53	
NEW MEXICO	445	2,130	13,114	3,996	187.70	128	232	4,968	672	289.68	
NEW MEXICO	445	2,130	13,114	3,996	187.70	128	232	4,968	672	289.68	
NEW YORK	5,172	24,644	13,160	45,275	182.24	3,561	5,032	3,671	6,592	131.00	
NEW YORK	5,172	24,644	13,160	45,275	182.24	3,561	5,032	3,671	6,592	131.00	
NORTH CAROLINA	2,640	9,680	10,058	9,248	95.42	355	380	2,933	379	99.74	
NORTH CAROLINA	2,640	9,680	10,058	9,248	95.42	355	380	2,933	379	99.74	
NORTH DAKOTA	288	487	4,433	524	112.21	213	175	2,251	230	131.43	
NORTH DAKOTA	288	487	4,433	524	112.21	213	175	2,251	230	131.43	
OHIO	3,720	11,837	8,718	33,116	279.77	4,148	4,196	2,773	15,128	360.49	
OHIO	3,720	11,837	8,718	33,116	279.77	4,148	4,196	2,773	15,128	360.49	
OKLAHOMA	2,240	6,807	8,326	6,312	122.11	755	683	2,478	815	119.33	
OKLAHOMA	2,240	6,807	8,326	6,312	122.11	755	683	2,478	815	119.33	
OREGON	1,208	3,981	9,029	7,380	165.36	848	1,161	3,751	2,041	175.60	
OREGON	1,208	3,981	9,029	7,380	165.36	848	1,161	3,751	2,041	175.60	
PENNSYLVANIA	3,662	14,044	9,993	17,952	127.63	3,191	4,792	4,114	2,858	59.64	
PENNSYLVANIA	3,662	14,044	9,993	17,952	127.63	3,191	4,792	4,114	2,858	59.64	
RHODE ISLAND	432	1,936	12,278	3,481	179.60	498	527	2,899	802	152.18	
RHODE ISLAND	432	1,936	12,278	3,481	179.60	498	527	2,899	802	152.18	
SOUTH CAROLINA	634	2,583	11,182	5,530	214.09	534	1,030	5,284	4	0.39	
SOUTH CAROLINA	634	2,583	11,182	5,530	214.09	534	1,030	5,284	4	0.39	
SOUTH DAKOTA	289	440	4,171	184,777	164.77	101	78	2,116	153	196.16	
SOUTH DAKOTA	289	440	4,171	184,777	164.77	101	78	2,116	153	196.16	
TENNESSEE	1,367	6,752	13,632	11,147	166.09	1,811	2,367	3,611	3,814	159.78	
TENNESSEE	1,367	6,752	13,632	11,147	166.09	1,811	2,367	3,611	3,814	159.78	
TEXAS	6,696	24,761	10,285	22,323	90.15	1,602	1,817	3,107	1,222	6.71	
TEXAS	6,696	24,761	10,285	22,323	90.15	1,602	1,817	3,107	1,222	6.71	
UTAH	536	2,992	15,237	5,985	200.03	178	920	6,480	1,474	160.22	
UTAH	536	2,992	15,237	5,985	200.03	178	920	6,480	1,474	160.22	
VERMONT	171	475	7,610	7,116	151.16	104	172	2,847	2,177	126.16	
VERMONT	171	475	7,610	7,116	151.16	104	172	2,847	2,177	126.16	
VIRGINIA	2,046	10,564	14,146	16,110	152.50	1,736	2,366	3,734	3,378	157.63	
VIRGINIA	2,046	10,564	14,146	16,110	152.50	1,736	2,366	3,734	3,378	157.63	
WASHINGTON	2,500	9,708	10,638	9,964	102.84	1,736	2,366	3,734	2,984	126.12	
WASHINGTON	2,500	9,708	10,638	9,964	102.84	1,736	2,366	3,734	2,984	126.12	
WEST VIRGINIA	408	1,409	9,508	2,825	200.50	402	466	3,312	427	87.86	
WEST VIRGINIA	408	1,409	9,508	2,825	200.50	402	466	3,312	427	87.86	
MISCOUNSIN	2,046	6,234	6,348	10,898	174.62	938	768	2,242	1,899	247.91	
MISCOUNSIN	2,046	6,234	6,348	10,898	174.62	938	768	2,242	1,899	247.91	
WYOMING	243	401	4,521	407	101.50	315	223	1,940	1,305	136.77	
WYOMING	243	401	4,521	407	101.50	315	223	1,940	1,305	136.77	
SUBTOTAL	92,109	379,670	11,293	623,042	164.10	65,571	76,746	3,784	123,519	160.95	

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 4-D. NONFATAL INJURY ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS NUMBER	RATE 1/
ALABAMA	11.581	4.712	1.115	1.604	34.04
ALASKA	1.816	487	735	593	121.77
ARIZONA	3.256	3.309	2.784	1.181	35.69
ARKANSAS	7.374	2.124	789	952	44.82
CALIFORNIA	11.176	10.369	2.542	8.166	78.75
COLORADO	3.410	1.441	1.158	913	63.36
CONNECTICUT	902	1.461	4.438	1.091	74.67
DELAWARE	605	645	2.921	434	67.29
DIST. OF COL.	-	-	-	-	-
FLORIDA	4.396	2.818	1.756	3.212	113.98
GEORGIA	14.011	6.223	1.217	4.404	70.77
HAWAII	435	564	3.552	474	84.04
IDAHO	4.057	1.088	735	725	66.64
ILLINOIS	12.922	4.155	881	3.727	89.70
INDIANA	9.740	8.743	2.459	6.671	76.30
IOWA	13.566	2.509	507	1.561	62.22
KANSAS	22.655	2.688	325	1.767	65.74
KENTUCKY	7.172	5.039	1.925	5.817	115.44
LOUISIANA	7.349	5.297	1.975	5.368	101.34
MAINE	2.742	1.772	1.771	32	1.81
MARYLAND	1.911	2.309	3.310	2.367	102.51
MASSACHUSETTS	2.007	1.581	2.158	1.139	72.04
MICHIGAN	17.059	9.944	1.597	12.358	124.28
MINNESOTA	16.604	3.805	628	2.382	62.60
MISSISSIPPI	11.695	3.485	816	1.383	39.68
MISSOURI	18.093	5.771	874	4.896	84.84
MONTANA	4.744	738	426	378	51.22
NEBRASKA	11.458	1.247	298	1.008	80.83
NEVADA	2.315	867	1.026	433	49.94
NEW HAMPSHIRE	1.232	1.269	2.822	403	31.76
NEW JERSEY	1.687	2.470	4.011	4.516	182.83
NEW MEXICO	3.640	1.103	830	924	83.77
NEW YORK	6.293	5.473	2.383	14.044	256.60
NORTH CAROLINA	10.325	11.080	2.940	8.825	79.65
NORTH DAKOTA	10.628	775	200	259	33.42
OHIO	11.793	8.717	2.025	9.362	107.40
OKLAHOMA	11.809	3.953	917	1.422	35.97
OREGON	7.817	2.655	931	1.708	64.33
PENNSYLVANIA	7.980	6.115	2.099	6.210	101.55
RHODE ISLAND	201	151	2.058	107	70.86
SOUTH CAROLINA	8.534	5.093	1.635	3.925	77.07
SOUTH DAKOTA	11.094	952	235	495	52.00
TENNESSEE	5.456	3.189	1.601	3.155	98.93
TEXAS	32.638	13.684	1.149	9.352	68.34
UTAH	2.707	829	839	570	68.76
VERMONT	1.913	1.079	1.545	633	58.67
VIRGINIA	10.200	6.407	1.721	6.419	100.19
WASHINGTON	7.320	5.075	1.899	9.300	183.25
WEST VIRGINIA	6.351	3.416	1.474	5.491	160.74
WISCONSIN	13.040	4.481	941	3.812	85.07
WYOMING	2.266	455	550	204	44.84
SUBTOTAL	399.975	183.612	1.258	166.172	90.50

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-E. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
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/
ALABAMA	1	1	2.740	0	0.00	219	247	3.090	64	34.01	
ALASKA	-	-	-	-	-	3	24	21.916	36	150.00	
ARIZONA	-	-	-	-	-	40	109	7.468	39	34.88	
ARKANSAS	363	275	2.076	100	36.36	401	452	3.888	307	67.92	
CALIFORNIA	16	24	4.110	15	62.50	1,225	2,867	6.847	5,183	174.85	
COLORADO	-	-	-	-	-	34	4	1.370	0	0.00	
CONNECTICUT	9	11	3.349	21	190.91	8	1,774	142.849	210	11.84	
DELAWARE	-	-	-	-	-	1	1	2.740	1	100.00	
DIST. OF COL.	-	-	-	-	-	6	3	1.027	189	6,300.00	
FLORIDA	335	1,338	10.843	824	61.58	410	2,761	16.450	2,122	78.88	
GEORGIA	-	-	-	-	-	9	1	304	15	1,500.00	
HAWAII	10	1	274	0	0.00	-	-	-	-	-	
IDAH0	-	-	-	-	-	46	132	7.862	49	37.12	
ILLINOIS	-	-	-	-	-	34	42	3.364	140	333.35	
INDIANA	2	1	1.370	92	9,200.00	30	75	6.849	2,423	3,230.67	
IOWA	6	1	457	3	0.00	13	31	6.533	0	0.00	
KANSAS	-	-	-	3	0.00	216	700	8.879	1,879	239.88	
KENTUCKY	28	3	316	0	0.00	1	1	2.740	0	0.00	
LOUISIANA	10	2	548	0	0.00	300	802	5.498	416	88.10	
MAINE	1	1	2,740	2	200.00	3	6	5.478	22	268.67	
MARYLAND	-	-	-	-	-	9	21	6.393	45	214.29	
MASSACHUSETTS	-	-	-	-	-	5	1	913	6	800.00	
MICHIGAN	-	-	-	-	-	487	761	4.485	731	98.08	
MINNESOTA	-	-	-	-	-	24	10	913	227	2,637.50	
MISSISSIPPI	278	120	1,178	44	36.67	14	18	3,523	24	133.33	
MISSOURI	-	-	-	-	-	500	1,240	6.795	998	80.48	
MONTANA	63	4	174	1	25.00	37	25	1.851	142	588.00	
NEBRASKA	-	-	-	-	-	-	-	-	-	-	
NEVADA	-	-	-	-	-	21	39	5.088	71	182.05	
NEW HAMPSHIRE	19	218	31,435	11	5.05	21	154	20,091	19	12.34	
NEW JERSEY	125	1,384	20,696	682	50.00	289	6,878	88,384	2,390	27.54	
NEW MEXICO	5	1	548	0	0.00	124	490	10,826	763	153.67	
NEW YORK	-	-	-	-	-	127	888	14,842	0	0.00	
NORTH CAROLINA	267	158	1,684	75	47.47	658	1,988	6,284	882	44.82	
NORTH DAKOTA	2	1	1,370	0	0.00	-	-	-	-	-	
OHIO	-	-	-	-	-	162	93	1,573	73	78.49	
OKLAHOMA	224	23	281	72	313.04	28	87	9,168	83	96.40	
OREGON	61	116	3,924	58	48.28	-	-	-	-	-	
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND	3	2	1,826	0	0.00	259	440	4,854	1,036	235.23	
SOUTH CAROLINA	-	-	-	-	-	8	6	2,055	19	318.67	
SOUTH DAKOTA	14	1	196	5	500.00	-	-	-	-	-	
TENNESSEE	-	-	-	-	-	1,798	6,000	9,143	1,226	20.43	
TEXAS	3	2	1,826	0	0.00	42	53	3,457	78	147.17	
UTAH	39	16	1,124	0	0.00	-	-	-	-	-	
VERMONT	-	-	-	-	-	125	706	15,452	79	11.21	
VIRGINIA	312	19	167	0	0.00	10	39	10,885	0	0.00	
WASHINGTON	-	-	-	-	-	102	116	2,740	0	0.00	
WEST VIRGINIA	-	-	-	-	-	102	116	3,116	463	390.52	
WISCONSIN	1	4	10,859	0	0.00	5	2	1,828	0	0.00	
WYOMING	263	15	182	65	568.67	-	-	-	-	-	
SUBTOTAL	2,459	3,722	4,147	2,088	58.10	8,009	31,585	10,798	22,250	70.49	

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-F. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					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/
ALABAMA	6,971	1,152	453	545	47.31	461	283	1,682	1,064	375.97
ALASKA	993	148	408	78	52.70	48	30	1,787	81	270.00
ARIZONA	3,558	694	535	412	59.57	930	728	2,145	577	79.28
ARIZONA	11,606	1,784	421	965	54.09	2,089	3,956	4,048	676	195.94
CALIFORNIA	11,636	4,191	987	5,817	138.80	2,689	5,545	3,408	8,862	218.96
COLORADO	15,957	2,164	370	1,449	67.27	530	1,237	2,817	942	172.84
CONNECTICUT	1,195	502	151	572	113.94	198	1,237	17,291	297	24.01
DELAWARE	158	80	1,405	86	107.50	13	7	1,475	33	471.43
DIST. OF COL.	-	-	-	-	-	12	3	685	38	1,268.67
FLORIDA	5,485	1,699	849	668	39.32	2,118	3,502	4,530	0	0.00
FLORIDA	7,289	1,976	743	900	45.55	1	1	1,370	0	0.00
GEORGIA	136	181	3,846	49	27.07	1	1	2,740	0	0.00
HAWAII	4,632	294	174	929	315.99	113	99	2,400	51	51.52
ILLINOIS	10,317	1,881	782	1,194	66.21	199	208	2,864	361	173.58
INDIANA	16,400	1,736	494	1,861	83.27	192	94	1,341	642	895.74
INDIANA	9,394	286	123	812	83.22	81	70	2,368	0	0.00
KANSAS	9,315	2,021	594	2,758	136.47	273	365	3,864	542	140.78
KENTUCKY	4,308	1,481	942	1,335	90.14	98	19	542	0	0.00
LOUISIANA	2,788	1,038	1,020	949	91.43	353	270	2,096	29	10.74
LOUISIANA	1,893	782	1,103	334	122.57	32	32	2,740	24	75.00
MASSACHUSETTS	1,951	372	522	780	209.68	486	598	3,371	853	142.84
MICHIGAN	11,625	1,758	631	2,391	136.16	1,638	1,066	1,862	151	142.45
MINNESOTA	11,870	1,122	259	810	72.19	1,209	2,007	2,865	4,847	282.95
MISSISSIPPI	5,439	388	362	112	29.02	2	1	4,548	2,762	137.62
MISSISSIPPI	2,918	418	210	268	64.42	898	893	1,370	71	0.00
MISSOURI	11,188	478	117	322	67.65	126	101	2,724	12	11.88
MONTANA	9,233	283	64	339	119.79	-	-	2,196	-	-
NEBRASKA	2,468	221	245	148	66.97	335	345	2,822	830	240.58
NEBRASKA	1,233	414	920	160	43.48	96	3	2,055	0	0.00
NEW HAMPSHIRE	2,934	318	1,956	332	168.57	157	245	3,453	197	162.81
NEW JERSEY	10,799	5,310	1,347	13,817	105.06	382	816	4,275	498	341.83
NEW MEXICO	9,236	3,859	1,145	4,135	260.21	1,020	814	5,852	305	61.03
NEW YORK	7,967	217	75	289	107.15	13	2	2,186	6	37.47
NORTH CAROLINA	7,124	2,091	604	2,913	133.18	-	-	421	-	300.00
NORTH DAKOTA	12,692	1,069	231	195	18.24	451	248	1,507	285	114.92
OHIO	9,153	878	263	337	38.38	127	146	3,150	143	97.95
OHIO	8,378	2,764	901	3,307	120.08	-	-	-	-	-
OKLAHOMA	163	85	1,164	44	67.69	625	452	1,981	628	138.94
OKLAHOMA	4,004	882	453	502	75.83	13	12	2,529	86	718.67
PENNSYLVANIA	7,369	1,800	67	1,115	63.89	-	-	-	-	-
RHODE ISLAND	10,790	2,302	605	2,368	99.33	-	-	-	-	-
SOUTH CAROLINA	29,824	3,184	366	1,500	47.11	5,281	5,960	3,092	63	1.06
SOUTH DAKOTA	4,824	284	188	225	79.23	87	49	1,543	87	177.55
TENNESSEE	966	182	508	131	71.98	-	-	-	-	-
UTAH	2,405	493	562	699	141.78	-	-	-	-	-
VERMONT	6,709	1,658	676	3,419	206.46	41	63	4,210	0	0.00
VIRGINIA	2,162	348	438	471	136.13	2	5	6,849	0	0.00
WEST VIRGINIA	7,200	992	377	1,270	128.02	491	490	2,734	1,233	261.63
WISCONSIN	7,674	433	155	217	50.12	5	5	2,740	0	0.00
WYOMING	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	330,303	58,152	482	65,251	112.21	22,677	27,010	3,263	28,113	104.08

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-6. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL				STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
			NUMBER	RATE 1/					NUMBER	RATE 1/
ALABAMA	48,736	3,736	210	3,757	100.56	12,260	4,588	1,025	6,630	144.51
ALASKA	7,134	458	178	252	55.02	1,147	325	776	586	180.92
ARIZONA	25,876	1,599	69	1,882	117.70	10,845	4,104	1,037	5,163	125.80
ARKANSAS	42,911	1,128	169	741	65.69	4,612	647	368	1,356	209.58
CALIFORNIA	58,896	2,383	117	3,646	153.00	49,676	14,247	786	32,932	231.15
COLORADO	42,400	633	34	1,014	190.24	7,734	1,625	578	1,638	113.11
CONNECTICUT	6,182	945	419	960	101.59	6,907	1,708	677	3,737	218.79
DELAWARE	2,731	487	489	478	97.74	1,193	589	1,424	419	71.14
DIST. OF COL.	-	-	-	-	-	659	346	1,438	881	254.62
FLORIDA	49,073	3,144	200	18,802	534.41	38,229	20,565	1,473	36,787	178.97
GEORGIA	57,121	4,417	212	4,111	92.07	15,820	7,761	1,344	9,979	128.58
HAWAII	1,611	853	1,111	407	62.33	1,030	1,052	2,798	1,185	112.64
IDaho	48,111	1,905	108	1,246	65.41	1,388	7,105	864	21,833	307.29
ILLINOIS	78,930	3,325	118	4,069	122.38	22,524	4,227	975	10,343	244.69
INDIANA	48,864	2,433	136	5,451	224.04	11,876	1,159	588	2,916	199.83
IOWA	65,101	1,470	62	2,208	150.20	5,396	1,159	729	2,873	168.94
KANSAS	83,997	1,472	48	1,612	109.51	6,470	1,721	985	4,093	235.91
KENTUCKY	41,516	2,324	153	3,458	148.80	8,799	6,428	2,001	11,062	172.09
LOUISIANA	31,568	2,220	194	5,578	261.17	1,513	245	444	7,282	155.92
MAINE	12,228	1,008	225	1,708	169.78	8,645	1,746	541	7,280	418.95
MARYLAND	10,848	1,207	325	1,904	147.94	13,186	5,248	1,090	28,178	536.93
MASSACHUSETTS	8,091	1,034	350	8,638	841.97	17,690	3,948	611	20,748	272.24
MICHIGAN	59,050	2,542	91	4,657	122.24	9,679	2,562	735	1,802	101.07
MINNESOTA	77,339	2,577	242	3,150	38.15	5,154	1,783	948	1,802	101.07
MISSISSIPPI	44,278	3,913	242	1,493	196.51	10,270	2,582	689	8,019	310.57
MISSOURI	74,647	3,653	130	6,982	71.35	1,816	538	912	1,832	340.52
MONTANA	48,628	754	44	538	123.73	3,588	678	518	1,265	188.58
NEBRASKA	59,385	1,258	58	1,554	70.62	2,056	596	794	1,261	211.58
NEVADA	36,371	305	24	218	70.62	1,469	255	478	147	57.65
NEW HAMPSHIRE	8,776	542	169	498	91.88	15,800	10,885	1,687	13,547	124.48
NEW JERSEY	7,711	841	299	2,870	341.28	4,328	1,038	694	12,145	195.71
NEW MEXICO	38,089	2,013	146	1,210	60.11	25,997	6,202	864	34,579	421.59
NEW YORK	48,985	3,415	191	24,293	711.36	13,485	7,117	1,448	195,516	2,747.17
NORTH CAROLINA	51,133	3,358	160	18,499	550.89	1,120	299	707	637	220.42
NORTH DAKOTA	80,178	883	31	84	12.90	21,241	10,260	1,323	16,879	164.51
OHIO	57,415	8,086	289	7,916	130.60	7,636	3,185	1,114	9,971	124.68
OKLAHOMA	69,359	1,845	73	2,860	155.01	5,886	1,068	487	1,714	170.04
OREGON	64,271	1,501	64	730	48.63	18,729	5,783	843	21,450	372.20
PENNSYLVANIA	62,688	5,474	238	7,513	137.25	3,338	990	813	2,518	59.60
RHODE ISLAND	36,538	2,189	164	3,091	141.21	6,447	718	305	2,451	350.70
SOUTH CAROLINA	48,183	896	95	3,653	93.98	1,168	295	692	6,647	152.88
SOUTH DAKOTA	47,048	1,631	40	3,365	206.32	10,952	3,238	1,050	68,643	248.41
TENNESSEE	143,614	4,237	61	12,191	287.73	70,582	27,046	1,047	118,533	116.33
TEXAS	27,003	508	52	1,200	236.22	4,283	1,829	1,047	1,895	248.41
UTAH	8,715	479	151	400	63.51	714	360	1,381	146	40.58
VERMONT	34,002	3,233	281	4,009	123.77	10,717	5,454	1,394	4,903	89.90
VIRGINIA	46,118	1,174	70	5,942	506.13	11,083	3,073	760	6,630	215.75
WEST VIRGINIA	20,386	1,174	105	1,425	182.23	1,588	446	621	210	47.09
WISCONSIN	68,380	2,895	120	4,382	151.96	9,728	5,015	1,413	3,785	75.47
WYOMING	23,339	2,348	41	188	53.45	1,212	158	357	361	228.48
SUBTOTAL	2,130,427	96,848	125	189,870	196.05	533,275	196,778	1,011	600,978	305.41

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-H. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1990
TOTAL RURAL AND URBAN 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/}
ALABAMA	73,816	22,586	636	10,843	48.01	16,854	19,781	3,212	19,402	96.18	
ALASKA	11,936	2,278	522	1,404	61.69	1,549	1,703	3,012	2,517	147.80	
ARIZONA	36,945	14,771	1,095	7,262	49.16	14,687	20,885	3,884	30,347	146.71	
ARKANSAS	89,408	13,414	529	5,315	39.62	7,677	7,557	2,711	6,371	83.86	
CALIFORNIA	98,852	54,923	1,678	31,855	58.00	73,922	204,003	7,661	204,887	100.34	
COLORADO	86,408	11,709	463	6,484	55.38	11,272	16,489	3,760	19,080	123.34	
CONNECTICUT	9,098	6,597	1,989	4,397	88.65	10,905	19,708	4,951	25,247	128.12	
DELAWARE	3,828	2,524	2,092	1,753	63.95	1,102	3,624	6,148	3,651	97.89	
DIST. OF COL.	90,051	31,988	1,458	31,800	98.87	46,034	78,029	6,470	9,492	278.85	
FLORIDA	97,873	33,681	1,050	16,358	54.51	21,728	39,065	4,451	98,981	128.85	
GEORGIA	2,567	2,810	1,978	1,894	67.40	1,512	5,258	4,926	45,045	115.31	
HAWAII	60,006	6,631	312	4,436	64.94	2,429	3,018	9,524	6,731	128.08	
ILLINOIS	103,941	26,139	669	16,481	63.05	32,003	57,195	3,404	89,793	119.62	
INDIANA	74,040	29,381	1,088	22,849	78.06	17,868	24,308	4,896	29,520	156.99	
IOWA	103,755	14,827	392	7,658	52.98	6,786	8,186	2,546	12,721	155.78	
KANSAS	124,475	12,565	277	6,126	48.75	9,105	10,284	3,094	13,943	195.58	
KENTUCKY	81,976	19,871	678	17,221	86.66	7,692	13,760	4,904	18,448	134.00	
LOUISIANA	46,330	18,053	1,068	16,430	91.01	12,280	19,814	4,372	30,405	155.02	
MAINE	19,895	8,730	2,295	5,447	62.39	2,494	3,141	3,450	4,570	145.50	
MARYLAND	16,462	13,791	1,762	9,971	72.32	12,290	26,745	6,862	38,986	145.89	
MASSACHUSETTS	13,230	6,509	982	9,771	114.85	2,846	37,821	4,844	65,951	188.39	
MICHIGAN	90,773	32,538	1,176	31,554	89.88	28,678	40,553	4,967	65,924	135.76	
MINNESOTA	115,189	16,730	445	10,155	54.22	14,208	20,216	3,688	17,603	88.08	
MISSISSIPPI	85,184	16,702	702	5,853	35.04	7,356	25,694	4,881	6,127	105.60	
MISSOURI	105,488	25,189	654	17,700	70.27	15,039	25,694	4,881	29,988	93.35	
MONTANA	89,116	6,360	252	2,860	44.97	4,952	1,972	2,379	2,680	134.89	
NEBRASKA	97,451	8,779	275	4,883	55.82	4,952	5,178	2,865	10,618	205.02	
NEVADA	42,440	4,372	262	1,850	42.31	3,084	5,843	5,191	10,702	183.18	
NEW HAMPSHIRE	12,403	6,146	1,358	1,784	28.89	2,433	3,698	1,817	1,817	49.75	
NEW JERSEY	11,750	10,517	2,452	14,413	137.04	3,084	5,843	5,191	10,702	183.18	
NEW MEXICO	48,238	9,725	541	4,325	50.84	5,498	6,423	3,201	8,637	162.90	
NEW YORK	73,328	31,423	1,174	76,916	241.59	22,502	48,408	6,823	10,967	170.76	
NORTH CAROLINA	76,445	33,778	1,227	36,200	113.09	19,245	26,929	5,454	124,385	164.79	
NORTH DAKOTA	84,706	4,348	141	1,132	28.03	1,811	1,562	2,363	210,425	727.38	
OHIO	82,172	35,628	1,188	29,729	63.44	31,428	61,344	4,476	90,486	130.09	
OKLAHOMA	99,882	16,495	453	7,244	43.17	12,063	16,588	3,761	17,430	178.20	
OREGON	86,559	14,639	463	6,320	43.17	8,410	12,899	3,841	16,092	105.09	
PENNSYLVANIA	88,184	36,871	1,208	31,044	75.86	28,344	48,837	4,527	61,573	131.46	
RHODE ISLAND	1,523	2,253	1,758	450	46.11	4,586	6,048	3,612	7,597	125.61	
SOUTH CAROLINA	54,703	22,253	1,115	13,343	53.96	9,345	12,123	3,555	16,433	135.55	
SOUTH DAKOTA	72,982	6,451	205	2,396	43.98	1,734	1,538	2,430	2,424	157.61	
TENNESSEE	89,299	22,880	905	16,501	87.75	8,778	10,572	3,320	31,304	131.36	
TEXAS	217,175	54,680	690	34,278	62.71	5,575	6,955	4,401	128,148	119.13	
UTAH	37,668	6,691	414	3,616	63.54	5,575	6,955	4,401	11,325	128.47	
VERMONT	12,941	4,250	900	2,092	49.22	1,180	1,588	3,867	1,525	128.47	
VIRGINIA	52,449	20,059	1,468	16,846	82.17	15,251	32,119	6,770	32,908	102.46	
WASHINGTON	85,038	16,784	708	23,426	139.74	16,280	27,931	4,706	28,287	101.27	
WEST VIRGINIA	31,516	10,948	952	12,241	111.81	3,078	4,470	3,961	5,897	191.92	
WISCONSIN	95,481	23,390	671	17,242	73.72	14,395	20,867	3,975	25,152	120.42	
WYOMING	37,281	4,479	329	1,805	40.30	1,952	1,354	1,800	1,604	118.46	
SUBTOTAL	3,122,786	870,409	764	668,640	76.82	757,363	1,277,092	4,820	1,832,527	143.49	

^{1/} NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 5-A. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1990
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/
ALABAMA	642	4,444	18,885	64	1.44	247	9,551	39,388	39	1.10	
ALASKA	1,036	880	1,821	32	4.64	51	419	22,509	11	2.63	
ARIZONA	1,039	5,382	14,218	123	2.26	130	2,742	57,787	22	0.60	
ARKANSAS	419	2,821	17,136	38	1.49	123	1,601	36,861	15	1.19	
CALIFORNIA	1,416	14,732	28,504	286	2.01	963	51,267	142,842	380	0.74	
COLORADO	793	3,498	12,086	78	2.17	149	3,372	63,841	33	0.86	
CONNECTICUT	108	1,418	36,591	5	0.35	232	6,368	75,831	34	0.69	
DELAWARE	-	-	-	-	-	41	928	62,011	9	0.97	
DIST. OF COL.	1,010	8,907	24,181	131	1.47	416	10,391	106,936	6	1.08	
FLORIDA	873	9,803	27,845	198	1.11	372	9,812	66,434	139	1.34	
GEORGIA	5	102	58,890	1	0.98	38	1,401	72,284	193	0.86	
HAWAII	590	1,484	7,871	22	1.46	75	818	22,575	8	1.29	
ILLINOIS	1,415	7,488	14,460	83	1.11	548	13,712	68,804	113	0.62	
INDIANA	663	6,640	21,080	66	0.98	286	5,278	50,717	42	0.60	
INDIANA	645	3,278	13,924	23	0.70	137	1,343	28,857	15	0.97	
IOWA	712	2,472	9,512	29	1.17	180	2,088	36,377	19	0.82	
KANSAS	578	4,587	21,705	46	1.00	188	3,450	51,370	22	0.64	
KENTUCKY	668	4,377	18,280	65	1.48	100	3,040	44,302	40	1.32	
LOUISIANA	313	1,708	14,960	14	0.82	53	449	23,210	0	0.00	
MAINE	168	2,785	48,311	24	0.86	231	8,204	97,302	51	0.62	
MARYLAND	170	2,084	9,586	8	0.38	397	10,347	71,405	14	0.14	
MASSACHUSETTS	772	5,850	20,781	54	0.92	455	11,114	68,922	55	0.48	
MICHIGAN	668	2,988	11,699	21	0.70	217	4,780	80,350	31	0.65	
MINNESOTA	580	2,685	13,038	42	1.58	124	1,209	26,712	17	1.41	
MISSISSIPPI	841	5,828	18,328	65	1.51	338	7,905	84,457	81	1.02	
MISSOURI	1,144	1,818	4,348	44	2.42	47	185	9,818	4	0.21	
MONTANA	444	1,905	11,755	12	0.43	37	623	46,131	4	0.21	
NEBRASKA	499	1,583	8,882	50	3.20	46	856	56,939	11	1.15	
NEVADA	160	1,359	20,885	14	1.03	44	873	41,905	4	0.59	
NEW HAMPSHIRE	128	1,912	41,574	13	0.88	270	8,337	84,597	88	0.79	
NEW JERSEY	908	3,488	10,461	62	2.37	94	1,086	31,128	12	1.12	
NEW MEXICO	854	5,638	18,091	48	0.85	646	13,913	59,008	148	1.08	
NEW YORK	709	8,403	24,743	74	1.16	228	3,788	44,557	47	1.27	
NORTH CAROLINA	530	8,923	4,771	11	1.19	40	177	12,123	2	0.13	
NORTH DAKOTA	847	8,044	28,018	78	0.97	725	15,531	58,691	77	0.50	
OHIO	723	3,830	13,755	60	1.65	207	5,221	42,631	39	1.21	
OKLAHOMA	595	3,811	18,627	48	1.35	132	2,732	56,704	19	0.70	
OREGON	1,166	7,967	18,720	58	0.70	403	7,106	48,322	34	0.48	
PENNSYLVANIA	21	208	28,675	0	0.00	49	1,051	58,764	8	0.78	
RHODE ISLAND	873	5,758	23,432	53	0.92	118	2,185	48,874	20	0.95	
SOUTH CAROLINA	831	1,340	5,818	13	0.97	282	5,863	13,174	1	0.44	
SOUTH DAKOTA	780	6,731	23,642	64	1.25	947	23,075	88,757	43	1.01	
TENNESSEE	2,282	11,845	13,981	209	1.79	146	2,698	60,591	29	1.08	
TEXAS	782	2,300	7,856	68	2.67	34	136	19,178	0	0.00	
UTAH	286	986	9,541	8	0.80	148	6,052	73,780	52	0.65	
VERMONT	777	7,081	24,887	79	1.12	289	7,288	82,968	40	0.55	
VIRGINIA	519	3,538	18,866	58	1.58	240	1,078	32,648	13	1.20	
WASHINGTON	427	2,564	16,387	47	1.84	90	1,078	32,648	10	0.38	
WEST VIRGINIA	516	3,904	20,728	25	2.61	124	2,800	57,446	1	0.63	
WISCONSIN	863	1,873	5,311	37	0.82	50	159	8,712	1	0.80	
WYOMING	33,547	200,573	16,380	2,713	1.35	11,527	278,404	88,171	2,228	0.80	
SUBTOTAL											

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-C. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL				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/
ALABAMA	1,548	4,700	8,329	77	1.84	1,248	1,687	3,685	22	1.32
ALASKA	120	5,671	13,037	14	2.45	118	117	2,717	1	0.65
ARIZONA	1,113	5,880	14,474	240	4.08	720	899	3,421	5	0.58
ARKANSAS	855	2,001	6,412	6	0.30	305	258	2,318	0	0.00
CALIFORNIA	12,727	84,672	18,227	1,748	2.08	5,084	7,889	4,160	128	1.62
COLORADO	1,768	5,747	6,606	104	1.61	628	440	1,928	8	1.62
CONNECTICUT	1,235	3,213	7,128	77	2.40	1,720	1,237	1,970	39	3.15
DELAWARE	188	678	14,458	18	2.05	155	332	5,868	6	1.81
DIST. OF COL.	89	432	13,288	10	2.31	144	328	6,240	3	0.01
FLORIDA	1,941	15,487	21,832	581	3.78	2,682	5,588	5,749	0	0.00
GEORGIA	2,178	15,439	16,630	110	25.08	1,608	3,874	5,574	57	1.55
HAWAII	143	888	16,630	18	2.07	179	478	7,316	6	1.28
IDaho	453	1,199	7,252	15	1.25	272	218	2,198	5	2.29
ILLINOIS	3,553	15,777	12,186	311	1.97	3,092	6,469	5,732	121	1.67
INDIANA	2,945	8,478	7,685	160	1.69	1,802	1,602	2,481	39	2.43
IOWA	1,477	2,528	4,891	29	1.15	1,789	817	1,750	13	2.11
KANSAS	1,154	3,341	7,832	43	1.28	497	458	2,514	4	0.68
KENTUCKY	1,202	4,402	10,034	63	1.43	808	1,437	4,885	13	0.90
LOUISIANA	1,374	5,283	10,534	83	2.21	785	979	3,382	23	2.35
MAINE	344	1,087	8,657	117	0.83	362	368	2,937	4	1.03
MARYLAND	1,467	10,104	15,135	137	1.89	688	1,367	5,523	22	1.59
MASSACHUSETTS	3,336	10,263	6,429	120	1.17	2,569	2,771	2,955	56	1.98
MICHIGAN	4,314	19,714	12,520	368	1.97	1,152	2,036	4,840	8	0.29
MINNESOTA	1,822	8,471	10,930	64	0.99	634	560	2,420	7	1.25
MISSISSIPPI	1,858	2,314	8,618	45	1.94	591	737	2,995	17	2.04
MISSOURI	1,864	8,773	12,758	128	1.46	769	717	3,371	10	2.38
MONTANA	242	598	6,747	8	1.34	100	84	2,301	2	0.41
NEBRASKA	658	1,948	8,099	27	1.39	405	483	3,267	3	1.58
NEVADA	460	2,787	16,589	93	3.34	338	327	2,851	3	1.83
NEW HAMPSHIRE	368	1,184	6,360	10	0.84	1,823	2,903	4,363	49	1.69
NEW JERSEY	3,585	8,501	6,533	295	3.35	1,28	232	4,986	6	2.58
NEW MEXICO	445	2,130	13,114	38	1.78	3,561	5,032	9,871	105	2.08
NORTH CAROLINA	5,172	24,844	13,160	851	2.62	355	380	2,933	10	2.83
NORTH CAROLINA	2,840	9,890	10,056	97	1.00	213	125	2,251	4	2.28
NORTH DAKOTA	288	487	4,443	7	1.50	4,148	4,198	2,773	118	2.81
OHIO	3,720	11,837	8,718	240	2.03	755	883	2,478	6	0.88
OKLAHOMA	2,240	6,807	9,328	71	1.04	1,181	848	3,751	14	1.21
OREGON	1,208	3,981	9,029	57	1.43	3,191	4,792	4,114	36	0.75
PENNSYLVANIA	3,862	14,044	9,863	218	1.54	498	527	2,899	10	1.90
RHODE ISLAND	432	1,938	12,278	20	1.03	534	1,030	5,284	0	0.00
SOUTH CAROLINA	834	2,583	11,182	59	2.28	101	78	2,116	3	3.85
SOUTH DAKOTA	289	440	4,171	7	1.59	1,811	2,387	3,611	40	1.88
TENNESSEE	1,357	6,752	13,632	128	1.87	1,802	1,817	3,107	21	1.18
TEXAS	6,586	24,781	10,285	294	1.19	1,689	920	6,480	6	0.65
UTAH	536	2,892	15,237	38	1.27	389	172	2,647	2	1.16
VERMONT	171	475	7,610	8	1.68	1,404	2,143	4,182	40	1.87
VIRGINIA	2,048	10,584	14,146	152	1.44	1,736	2,386	3,734	40	1.69
WASHINGTON	2,500	9,708	10,508	143	1.47	402	486	3,312	9	1.65
WEST VIRGINIA	408	1,409	8,348	23	1.63	936	788	2,242	8	1.04
WISCONSIN	2,048	8,234	8,348	71	1.14	315	223	1,940	4	1.79
WYOMING	243	401	4,521	10	2.49					
SUBTOTAL	92,108	379,670	11,293	7,393	1.94	55,571	76,748	3,784	1,158	1.51

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-D. FATALITIES
BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11.581	4.712	1.115	193	4.10
ALASKA	1.816	487	735	8	1.64
ARIZONA	3.256	3.309	2.784	82	2.48
ARKANSAS	7.374	2.124	789	66	3.11
CALIFORNIA	11.176	10.369	2.542	552	5.32
COLORADO	3.410	1.441	1.158	49	3.40
CONNECTICUT	902	1.461	4.438	35	2.40
DELAWARE	605	645	2.921	26	4.03
DIST. OF COL.	-	-	-	-	-
FLORIDA	4.396	2.818	1.756	122	4.33
GEORGIA	14.011	6.223	1.217	286	4.60
HAWAII	435	564	3.552	30	5.32
IDAHO	4.057	1.088	735	47	4.32
ILLINOIS	12.922	4.155	881	153	3.68
INDIANA	9.740	8.743	2.459	212	2.42
IOWA	13.566	2.509	507	74	2.95
KANSAS	22.655	2.688	325	85	3.16
KENTUCKY	7.172	5.039	1.925	220	4.37
LOUISIANA	7.349	5.297	1.975	258	4.87
MAINE	2.742	1.772	1.771	36	2.03
MARYLAND	1.911	2.309	3.310	87	3.77
MASSACHUSETTS	2.007	1.581	2.158	33	2.09
MICHIGAN	17.059	9.944	1.597	375	3.77
MINNESOTA	16.604	3.805	628	95	2.50
MISSISSIPPI	11.695	3.485	816	169	4.85
MISSOURI	18.093	5.771	874	276	4.78
MONTANA	4.744	738	426	26	3.52
NEBRASKA	11.458	1.247	298	37	2.97
NEVADA	2.315	867	1.026	53	6.11
NEW HAMPSHIRE	1.232	1.269	2.822	18	1.42
NEW JERSEY	1.687	2.470	4.011	66	2.67
NEW MEXICO	3.640	1.103	830	63	5.71
NEW YORK	6.293	5.473	2.383	170	3.11
NORTH CAROLINA	10.325	11.080	2.940	347	3.13
NORTH DAKOTA	10.628	775	200	21	2.71
OHIO	11.793	8.717	2.025	276	3.17
OKLAHOMA	11.809	3.953	917	93	2.35
OREGON	7.817	2.655	931	105	3.95
PENNSYLVANIA	7.980	6.115	2.099	226	3.70
RHODE ISLAND	201	151	2.058	9	5.96
SOUTH CAROLINA	8.534	5.093	1.635	228	4.48
SOUTH DAKOTA	11.094	952	235	33	3.47
TENNESSEE	5.456	3.189	1.601	152	4.77
TEXAS	32.638	13.684	1.149	539	3.94
UTAH	2.707	829	839	20	2.41
VERMONT	1.913	1.079	1.545	21	1.95
VIRGINIA	10.200	6.407	1.721	207	3.23
WASHINGTON	7.320	5.075	1.899	150	2.96
WEST VIRGINIA	6.351	3.416	1.474	159	4.65
WISCONSIN	13.040	4.481	941	134	2.99
WYOMING	2.266	455	550	15	3.30
SUBTOTAL	399.975	183.612	1.258	6.737	3.67
INCOMPLETE DATA					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-E. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1990
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 λ	NUMBER	RATE λ
ALABAMA	1	1	2,740	0	0.00	219	247	3,090	2	0.81	
ALASKA	-	-	-	-	-	3	24	21,918	1	4.17	
ARIZONA	383	276	2,078	138	50.18	40	109	7,468	0	0.00	
ARKANSAS	18	24	4,110	1	4.17	401	452	3,086	2	0.44	
CALIFORNIA	-	-	-	-	-	1,223	2,987	6,847	50	1.86	
COLORADO	8	11	3,349	0	0.00	8	4	1,370	0	0.00	
CONNECTICUT	-	-	-	-	-	34	6	1,370	0	0.00	
DELAWARE	-	-	-	-	-	1	1	142,849	15	0.85	
DIST. OF COL.	335	1,338	10,843	68	5.08	6	3	2,740	0	0.00	
FLORIDA	10	1	274	0	0.00	410	2,781	18,450	30	1.08	
GEORGIA	-	-	-	-	-	9	1	304	0	0.00	
HAWAII	-	-	-	-	-	46	132	7,862	0	0.00	
IDAH0	-	-	-	-	-	34	42	3,384	0	0.00	
ILLINOIS	2	1	1,370	0	0.00	30	76	8,848	2	2.87	
INDIANA	8	1	467	0	0.00	13	31	8,533	0	0.00	
IOWA	-	-	-	-	-	216	700	8,878	9	1.28	
KANSAS	28	3	318	0	0.00	1	1	2,740	0	0.00	
KENTUCKY	10	2	548	0	0.00	300	602	5,488	6	1.33	
LOUISIANA	1	1	2,740	0	0.00	3	6	5,479	0	0.00	
MAINE	-	-	-	-	-	9	21	8,113	0	0.00	
MARYLAND	-	-	-	-	-	3	1	4,465	0	0.00	
MASSACHUSETTS	-	-	-	-	-	487	761	9,913	6	0.78	
MICHIGAN	-	-	-	-	-	24	8	3,523	1	12.50	
MINNESOTA	278	120	1,178	2	1.67	14	18	6,795	0	0.00	
MISSISSIPPI	63	4	174	1	25.00	500	1,240	1,851	18	1.29	
MISSOURI	-	-	-	-	-	37	25	1,851	0	0.00	
MONTANA	-	-	-	-	-	-	-	-	-	-	
NEBRASKA	-	-	-	-	-	-	-	-	-	-	
NEVADA	19	218	31,435	1	0.48	21	39	5,088	3	7.69	
NEW HAMPSHIRE	125	1,364	29,988	22	1.61	21	154	20,091	0	0.00	
NEW JERSEY	5	1	548	0	0.00	289	8,678	68,384	39	0.45	
NEW MEXICO	-	-	-	-	-	124	490	10,826	4	0.82	
NEW YORK	257	158	1,884	3	1.90	127	688	14,842	1	0.15	
NORTH CAROLINA	2	1	1,370	0	0.00	858	1,988	6,284	8	0.41	
NORTH DAKOTA	-	-	-	-	-	-	-	-	-	-	
OHIO	224	23	281	1	4.35	182	93	1,573	0	0.00	
OKLAHOMA	81	118	3,924	2	1.72	28	87	9,188	0	0.00	
OREGON	3	2	1,828	0	0.00	-	-	-	-	-	
PENNSYLVANIA	14	1	188	1	100.00	259	440	4,854	17	3.86	
RHODE ISLAND	-	-	-	-	-	8	8	2,055	0	0.00	
SOUTH CAROLINA	3	2	1,828	2	100.00	1,788	6,000	9,143	15	0.25	
SOUTH DAKOTA	39	16	1,124	0	0.00	42	53	3,457	0	0.00	
TENNESSEE	-	-	-	-	-	-	-	-	-	-	
TEXAS	312	19	167	0	0.00	125	705	15,452	0	0.00	
UTAH	-	-	-	-	-	10	39	10,685	0	0.00	
VERMONT	-	-	-	-	-	1	1	2,740	0	0.00	
VIRGINIA	-	-	-	-	-	102	116	3,116	3	2.59	
WEST VIRGINIA	1	4	10,959	0	0.00	3	2	1,826	0	0.00	
WISCONSIN	253	15	182	2	18.33	3	2	1,826	0	0.00	
WYOMING	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL	2,459	3,722	4,147	244	6.56	6,009	31,565	10,798	232	0.73	

λ / FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-F. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1990
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	6,971	1,152	453	41	3.56	COMPLETE DATA	461	283	1,682	6	2.12
ALABAMA	993	146	408	3	2.03	ALABAMA	46	30	1,787	0	0.00
ALASKA	3,556	694	535	37	5.33	ALASKA	930	728	2,145	9	1.24
ARIZONA	11,608	1,784	421	97	2.07	ARIZONA	701	345	1,348	0	0.00
ARKANSAS	4,191	1,636	970	164	3.91	ARKANSAS	2,683	3,956	4,040	54	1.37
CALIFORNIA	15,957	2,154	987	59	2.74	CALIFORNIA	530	545	2,817	7	1.26
COLORADO	1,185	602	1,151	8	1.59	COLORADO	196	1,237	17,291	9	0.73
CONNECTICUT	156	80	1,405	5	6.25	CONNECTICUT	13	7	1,475	0	0.00
DELAWARE	-	-	-	-	-	DELAWARE	12	3	685	0	0.00
DIST. OF COL.	5,465	1,699	849	129	7.59	DIST. OF COL.	2,112	3,502	4,530	0	0.00
FLORIDA	7,289	1,976	743	4	2.48	FLORIDA	1	1	1,370	0	0.00
GEORGIA	136	181	3,646	4	2.21	GEORGIA	1	1	2,740	0	0.00
HAWAII	4,833	294	174	9	3.08	HAWAII	113	99	2,400	1	1.01
IDAHO	4,852	1,385	782	63	4.55	IDAHO	199	208	2,864	4	1.92
ILLINOIS	10,317	1,681	494	53	2.85	ILLINOIS	182	94	1,341	3	3.19
INDIANA	18,400	735	123	25	3.40	INDIANA	81	70	2,360	0	0.00
IOWA	9,394	286	83	9	3.15	IOWA	273	385	3,864	3	0.78
KANSAS	9,315	2,021	594	115	5.69	KANSAS	96	19	542	0	0.00
KENTUCKY	4,308	1,481	942	17	4.19	KENTUCKY	353	270	2,096	3	1.11
LOUISIANA	2,788	1,038	1,020	25	2.41	LOUISIANA	32	32	2,740	0	0.00
MAINE	1,893	782	1,103	20	2.62	MAINE	486	598	3,371	13	2.17
MARYLAND	1,951	372	522	17	4.57	MARYLAND	156	108	1,862	2	1.89
MASSACHUSETTS	7,625	1,755	631	48	2.73	MASSACHUSETTS	1,638	1,713	2,865	16	0.93
MICHIGAN	11,878	1,122	259	36	3.21	MICHIGAN	1,209	2,007	4,548	23	1.15
MINNESOTA	2,918	366	362	12	3.11	MINNESOTA	2	1	1,570	0	0.00
MISSISSIPPI	5,439	418	210	17	4.09	MISSISSIPPI	898	893	2,724	6	0.67
MISSOURI	11,188	478	117	15	3.15	MISSOURI	126	101	2,196	2	1.98
MONTANA	9,233	283	84	18	6.36	MONTANA	335	345	2,822	11	3.19
NEBRASKA	2,460	221	245	10	4.52	NEBRASKA	9	3	2,055	0	0.00
NEVADA	1,233	414	920	8	1.93	NEVADA	4	121	3,453	3	2.48
NEW HAMPSHIRE	1,301	929	1,958	25	2.69	NEW HAMPSHIRE	157	245	4,275	11	4.49
NEW JERSEY	2,934	318	295	24	7.59	NEW JERSEY	382	618	5,852	6	0.98
NEW MEXICO	10,789	5,310	1,347	120	2.26	NEW MEXICO	1,020	814	2,186	14	1.72
NEW YORK	9,236	3,659	1,145	150	3.89	NEW YORK	13	2	421	0	0.00
NORTH CAROLINA	7,987	217	76	28	12.90	NORTH CAROLINA	-	-	-	-	-
NORTH DAKOTA	12,692	2,091	804	80	3.83	NORTH DAKOTA	451	248	1,507	2	0.81
OHIO	9,153	1,069	231	7	0.65	OHIO	127	146	3,150	1	0.68
OKLAHOMA	8,376	678	263	32	3.64	OKLAHOMA	-	-	-	-	-
OREGON	4,004	2,754	901	89	3.23	OREGON	625	452	1,981	14	3.10
PENNSYLVANIA	7,369	65	453	42	6.34	PENNSYLVANIA	13	12	2,529	1	8.33
RHODE ISLAND	10,790	180	87	9	5.00	RHODE ISLAND	5,281	5,960	3,092	3	0.05
SOUTH CAROLINA	23,824	3,184	366	116	4.70	SOUTH CAROLINA	87	49	1,543	0	0.00
SOUTH DAKOTA	4,624	284	188	9	3.64	SOUTH DAKOTA	-	-	-	-	-
TENNESSEE	9,966	182	506	2	3.17	TENNESSEE	-	-	-	-	-
UTAH	2,405	493	562	30	1.10	UTAH	41	63	4,210	0	0.00
VERMONT	6,709	1,658	676	52	3.14	VERMONT	2	5	6,649	0	0.00
VIRGINIA	2,162	348	438	13	3.76	VIRGINIA	491	490	2,734	5	1.02
WASHINGTON	7,208	992	377	38	3.83	WASHINGTON	5	5	2,740	0	0.00
WEST VIRGINIA	7,674	433	155	8	1.85	WEST VIRGINIA	22,677	27,010	3,263	234	0.87
WISCONSIN	930,303	58,152	482	2,084	3.58	WISCONSIN	-	-	-	-	-
WYOMING	-	-	-	-	-	WYOMING	-	-	-	-	-
SUBTOTAL	930,303	58,152	482	2,084	3.58	SUBTOTAL	22,677	27,010	3,263	234	0.87
INCOMPLETE DATA	-	-	-	-	-	INCOMPLETE DATA	-	-	-	-	-

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-6. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1990
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	48,736	3,736	210	171	4.56	COMPLETE DATA	12,260	4,588	1.025	60	1.31
ALABAMA	7,134	458	176	8	1.75	ALABAMA	1,147	325	1.147	3	0.92
ALASKA	25,876	1,589	189	116	7.38	ALASKA	10,845	4,104	1.037	54	1.32
ARIZONA	44,911	1,128	69	103	9.13	ARIZONA	4,812	847	3.68	21	3.25
ARKANSAS	55,886	2,363	117	274	11.50	ARKANSAS	49,676	14,247	7.68	288	2.01
CALIFORNIA	42,400	633	34	31	5.82	CALIFORNIA	1,625	576	5.76	12	0.74
COLORADO	6,162	945	419	24	2.54	COLORADO	6,907	1,708	6.77	24	1.41
CONNECTICUT	2,731	487	489	15	3.08	CONNECTICUT	1,133	589	1.424	2	0.87
DELAWARE	43,079	3,144	200	422	13.42	DELAWARE	659	948	1.424	3	0.64
DIST. OF COL.	57,121	4,417	212	180	4.06	DIST. OF COL.	38,229	20,555	1.473	432	2.10
FLORIDA	1,811	853	1,111	5	0.77	FLORIDA	7,761	1,473	1.344	108	1.39
GEORGIA	48,111	1,905	108	94	1.78	GEORGIA	1,030	1,052	2.798	8	0.57
HAWAII	76,830	3,325	138	107	3.22	HAWAII	707	707	7.07	7	1.96
IDAH0	48,884	2,435	138	126	5.18	IDAH0	22,524	7,105	864	172	1.72
ILLINOIS	85,101	1,470	62	47	3.20	ILLINOIS	5,396	1,159	975	56	1.32
INDIANA	63,997	1,472	48	69	4.69	INDIANA	6,470	1,721	588	18	1.55
IOWA	31,358	2,220	194	98	4.04	IOWA	4,925	1,735	729	20	1.18
KANSAS	12,228	1,008	225	27	2.68	KANSAS	8,799	6,428	965	28	1.61
KENTUCKY	10,848	1,287	325	98	4.41	KENTUCKY	2,001	2,001	2.001	47	0.73
LOUISIANA	8,091	1,034	350	38	2.95	LOUISIANA	8,445	245	44	8	3.27
MAINE	59,050	2,572	118	129	5.07	MAINE	1,513	1,748	541	34	1.85
MARYLAND	77,339	3,913	242	63	2.69	MARYLAND	13,186	5,248	1,030	222	4.23
MASSACHUSETTS	44,278	3,559	130	129	5.07	MASSACHUSETTS	17,690	3,948	6.11	72	1.82
MICHIGAN	74,847	3,559	130	78	1.90	MICHIGAN	9,879	2,652	735	24	0.90
MINNESOTA	38,089	2,013	191	48	1.90	MINNESOTA	5,154	1,793	948	25	1.40
MISSISSIPPI	48,965	3,415	180	92	2.59	MISSISSIPPI	10,270	2,582	899	39	1.51
MISSOURI	69,359	1,845	73	21	2.79	MISSOURI	1,616	538	912	1	0.19
MONTANA	46,826	754	44	21	3.26	MONTANA	3,588	878	518	8	1.18
NEBRASKA	35,371	1,258	58	41	4.26	NEBRASKA	2,056	255	794	18	3.02
NEVADA	8,775	542	24	13	3.87	NEVADA	1,469	476	476	18	3.14
NEW HAMPSHIRE	7,711	841	189	21	3.69	NEW HAMPSHIRE	15,800	10,885	1,887	87	0.62
NEW JERSEY	38,089	2,013	191	43	2.14	NEW JERSEY	4,326	1,038	694	25	2.28
NEW MEXICO	48,965	3,415	180	128	3.75	NEW MEXICO	25,997	8,202	864	172	2.10
NEW YORK	51,133	3,558	180	254	6.97	NEW YORK	13,485	7,117	1,446	147	2.07
NORTH CAROLINA	60,176	889	31	209	0.29	NORTH CAROLINA	1,120	289	707	4	1.38
NORTH DAKOTA	57,415	6,088	289	126	3.45	NORTH DAKOTA	21,241	10,250	1,323	142	1.58
OHIO	69,359	1,845	73	209	6.83	OHIO	7,836	3,185	1,114	39	1.22
OKLAHOMA	62,868	1,501	64	126	2.60	OKLAHOMA	5,665	1,008	487	13	1.29
OREGON	64,271	5,474	238	39	2.59	OREGON	18,729	5,763	843	188	3.26
PENNSYLVANIA	62,868	72	201	142	4.17	PENNSYLVANIA	3,338	990	813	7	0.71
RHODE ISLAND	36,536	2,189	36	3	5.62	RHODE ISLAND	6,447	718	305	38	5.29
SOUTH CAROLINA	48,163	695	40	17	2.45	SOUTH CAROLINA	1,168	295	692	1	0.34
SOUTH DAKOTA	47,046	1,631	95	98	5.89	SOUTH DAKOTA	10,952	3,238	810	60	2.47
TENNESSEE	143,814	4,237	81	345	8.14	TENNESSEE	70,592	27,048	1,050	607	2.24
TEXAS	27,003	508	52	8	1.57	TEXAS	4,263	1,829	1,047	17	1.04
UTAH	8,715	479	151	17	3.55	UTAH	714	360	1,381	0	0.00
VERMONT	34,002	3,239	281	99	3.06	VERMONT	10,717	5,454	1,394	44	0.81
VIRGINIA	46,118	1,174	70	52	4.43	VIRGINIA	11,083	3,073	760	41	1.33
WASHINGTON	20,336	1,782	105	39	4.99	WASHINGTON	1,968	448	621	11	2.47
WEST VIRGINIA	66,360	2,895	120	85	2.94	WEST VIRGINIA	9,726	5,015	1,413	23	0.46
WISCONSIN	23,339	96,846	41	3	0.86	WISCONSIN	1,212	158	357	0	0.00
WYOMING	2,130,427	96,846	125	4,339	4.48	WYOMING	539,275	196,778	1,011	3,434	1.75
INCOMPLETE DATA						INCOMPLETE DATA					
SUBTOTAL						SUBTOTAL					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 6-A. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID INTERSTATE 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/
ALABAMA	642	4,444	10,065	1,186	26.69	247	3,551	39,388	1,294	36.44	
ALASKA	1,036	680	1,921	586	85.67	51	419	22,509	1,452	107.86	
ARIZONA	1,036	5,362	14,218	2,294	42.54	130	2,742	57,767	1,516	56.36	
ARKANSAS	419	2,821	17,136	680	28.18	123	1,601	35,661	736	45.97	
CALIFORNIA	1,416	14,752	28,604	8,036	40.97	963	51,287	142,842	25,286	49.30	
COLORADO	793	3,498	12,065	2,071	59.21	149	3,472	63,641	2,981	85.20	
CONNECTICUT	109	1,416	56,591	434	30.65	232	6,396	75,631	3,791	58.27	
DELAWARE	-	-	-	-	-	41	926	62,011	424	45.69	
DIST. OF COL.	1,010	6,607	24,161	3,393	37.76	12	464	105,936	397	85.58	
FLORIDA	673	6,609	27,846	2,416	27.43	416	10,391	68,434	6,804	82.80	
GEORGIA	5	102	66,890	67	66.89	372	9,612	72,264	6,846	87.75	
IDAHO	530	1,484	7,671	667	48.29	36	1,401	101,009	1,243	96.72	
ILLINOIS	1,415	7,486	14,460	2,685	35.69	546	13,712	22,576	280	46.31	
INDIANA	663	6,640	21,060	2,525	38.03	265	13,712	68,604	10,789	78.60	
IOWA	645	3,278	13,924	862	26.30	205	5,279	60,747	10,789	78.60	
KANSAS	712	2,472	6,512	763	31.67	150	1,343	26,657	782	56.74	
KENTUCKY	576	4,597	21,705	1,367	29.60	184	2,066	35,377	1,214	56.78	
KENTUCKY	576	4,597	21,705	1,367	29.60	184	2,066	35,377	1,214	56.78	
LOUISIANA	656	4,377	18,280	2,186	29.84	186	3,450	51,370	1,698	49.22	
MAINE	315	1,708	14,960	2,186	48.94	186	3,450	51,370	1,698	49.22	
MARYLAND	189	2,795	45,311	943	48.54	33	449	23,210	321	71.49	
MASSACHUSETTS	170	2,084	53,566	219	33.74	231	6,204	97,302	4,963	60.49	
MICHIGAN	772	6,850	20,761	3,129	10.51	397	10,347	71,405	1,930	18.65	
MINNESOTA	686	2,988	11,989	619	53.49	455	11,114	66,922	7,060	63.52	
MISSISSIPPI	560	2,865	13,038	555	20.72	217	1,208	80,350	1,972	41.26	
MISSISSIPPI	560	2,865	13,038	555	20.72	217	1,208	80,350	1,972	41.26	
MISSOURI	841	5,828	18,328	1,620	20.79	124	1,209	26,712	602	49.79	
MISSOURI	841	5,828	18,328	1,620	20.79	124	1,209	26,712	602	49.79	
MONTANA	1,144	1,818	4,348	832	45.61	37	7,185	64,457	5,020	83.50	
MONTANA	1,144	1,818	4,348	832	45.61	37	7,185	64,457	5,020	83.50	
NEBRASKA	444	1,906	11,755	699	38.69	37	185	9,616	67	40.61	
NEBRASKA	444	1,906	11,755	699	38.69	37	185	9,616	67	40.61	
NEVADA	499	1,563	6,562	919	58.80	46	623	46,131	491	78.61	
NEVADA	499	1,563	6,562	919	58.80	46	623	46,131	491	78.61	
NEW HAMPSHIRE	180	1,359	20,865	175	12.88	44	679	56,839	1,332	198.33	
NEW HAMPSHIRE	180	1,359	20,865	175	12.88	44	679	56,839	1,332	198.33	
NEW JERSEY	126	1,912	41,574	430	22.49	270	8,337	64,597	70	10.40	
NEW JERSEY	126	1,912	41,574	430	22.49	270	8,337	64,597	70	10.40	
NEW MEXICO	906	3,468	10,461	1,704	49.16	94	1,088	31,120	849	78.49	
NEW MEXICO	906	3,468	10,461	1,704	49.16	94	1,088	31,120	849	78.49	
NEW YORK	654	6,839	18,081	2,745	48.68	846	13,813	59,006	11,593	83.32	
NEW YORK	654	6,839	18,081	2,745	48.68	846	13,813	59,006	11,593	83.32	
NORTH CAROLINA	709	6,493	24,743	2,615	40.64	228	3,708	44,657	1,282	34.57	
NORTH CAROLINA	709	6,493	24,743	2,615	40.64	228	3,708	44,657	1,282	34.57	
NORTH DAKOTA	530	823	4,371	170	18.42	40	177	12,123	1,277	43.50	
NORTH DAKOTA	530	823	4,371	170	18.42	40	177	12,123	1,277	43.50	
OHIO	847	8,043	28,519	2,735	34.00	725	16,531	58,691	13,119	84.47	
OHIO	847	8,043	28,519	2,735	34.00	725	16,531	58,691	13,119	84.47	
OKLAHOMA	723	3,630	13,755	1,080	29.73	207	3,221	42,631	2,865	89.57	
OKLAHOMA	723	3,630	13,755	1,080	29.73	207	3,221	42,631	2,865	89.57	
OREGON	595	3,611	16,627	978	27.03	132	2,732	56,704	1,982	72.55	
OREGON	595	3,611	16,627	978	27.03	132	2,732	56,704	1,982	72.55	
PENNSYLVANIA	1,168	7,967	18,720	2,571	32.27	403	7,108	48,322	3,916	56.09	
PENNSYLVANIA	1,168	7,967	18,720	2,571	32.27	403	7,108	48,322	3,916	56.09	
RHODE ISLAND	21	206	28,675	98	16.45	49	1,051	58,764	717	68.22	
RHODE ISLAND	21	206	28,675	98	16.45	49	1,051	58,764	717	68.22	
SOUTH CAROLINA	631	1,340	5,816	1,065	16.85	118	2,105	48,874	873	41.47	
SOUTH CAROLINA	631	1,340	5,816	1,065	16.85	118	2,105	48,874	873	41.47	
SOUTH DAKOTA	780	6,791	23,642	1,909	32.46	47	226	13,174	119	52.85	
SOUTH DAKOTA	780	6,791	23,642	1,909	32.46	47	226	13,174	119	52.85	
TENNESSEE	2,282	11,645	13,881	5,058	49.42	292	5,663	55,016	3,450	80.92	
TENNESSEE	2,282	11,645	13,881	5,058	49.42	292	5,663	55,016	3,450	80.92	
TEXAS	792	2,560	7,956	5,058	67.67	947	23,075	88,757	28,782	124.85	
TEXAS	792	2,560	7,956	5,058	67.67	947	23,075	88,757	28,782	124.85	
UTAH	286	7,998	9,841	1,331	57.87	146	2,696	50,591	1,573	58.35	
UTAH	286	7,998	9,841	1,331	57.87	146	2,696	50,591	1,573	58.35	
VERMONT	777	7,061	24,897	310	31.12	34	238	19,178	36	16.97	
VERMONT	777	7,061	24,897	310	31.12	34	238	19,178	36	16.97	
VIRGINIA	519	3,536	16,666	1,980	27.76	299	8,052	73,760	3,594	44.63	
VIRGINIA	519	3,536	16,666	1,980	27.76	299	8,052	73,760	3,594	44.63	
WASHINGTON	427	2,554	18,367	1,039	44.46	240	7,268	82,968	6,415	68.26	
WASHINGTON	427	2,554	18,367	1,039	44.46	240	7,268	82,968	6,415	68.26	
WEST VIRGINIA	516	3,964	20,720	1,406	38.01	90	1,079	32,846	789	71.27	
WEST VIRGINIA	516	3,964	20,720	1,406	38.01	90	1,079	32,846	789	71.27	
WISCONSIN	663	1,673	5,311	1,016	60.73	124	2,600	57,446	1,448	55.89	
WISCONSIN	663	1,673	5,311	1,016	60.73	124	2,600	57,446	1,448	55.89	
WYOMING	33,547	200,673	16,380	72,921	38.36	50	159	8,712	119	74.84	
WYOMING	33,547	200,673	16,380	72,921	38.36	50	159	8,712	119	74.84	
SUBTOTAL						11,527	278,404	68,171	187,509	87.35	

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-B. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1990
OTHER FEDERAL-AID PRIMARY 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/
ALABAMA	5,697	6,541	3,975	6,763	79.16	675	4,725	14,795	4,744	100.40	
ALASKA	955	483	1,414	226	48.25	64	217	9,269	401	184.79	
ARIZONA	3,218	3,777	3,126	4,413	116.04	669	6,223	19,176	2,719	43.69	
ARKANSAS	4,735	5,462	3,172	4,415	80.54	480	2,263	13,088	3,183	136.61	
CALIFORNIA	9,512	23,224	6,666	18,103	92.26	1,566	39,185	68,554	32,367	182.60	
COLORADO	3,648	4,083	2,907	3,182	77.93	457	3,836	21,796	6,716	184.76	
CONNECTICUT	669	2,282	6,995	2,085	91.29	581	4,141	19,627	7,921	191.28	
DELAWARE	337	1,712	13,916	1,371	60.06	-	691	23,029	1,962	220.20	
DIST. OF COL.	-	-	-	-	-	-	1,831	26,182	6,596	360.24	
FLORIDA	5,752	14,082	6,696	16,036	114.05	2,256	19,767	23,984	36,261	163.44	
GEORGIA	8,578	12,256	3,914	12,949	105.85	1,543	17,377	30,654	23,874	137.39	
HAWAII	390	1,368	2,196	1,823	116.36	121	1,356	32,967	2,605	176.91	
IDAHOW	2,676	2,068	2,110	1,894	91.84	52	394	15,164	2,808	205.33	
ILLINOIS	7,622	9,808	3,436	9,839	98.30	2,055	13,982	16,507	34,397	247.78	
INDIANA	4,234	9,713	6,285	10,277	105.81	771	4,563	16,179	7,003	163.61	
IOWA	8,037	6,634	2,330	4,766	69.74	716	2,417	9,248	6,235	267.96	
KANSAS	7,715	5,647	2,005	3,350	58.32	335	1,615	13,208	3,376	209.04	
KENTUCKY	3,968	5,697	4,787	7,461	126.52	478	2,724	15,613	6,434	296.20	
LOUISIANA	2,849	4,678	4,836	5,322	114.09	483	3,012	17,065	14,378	477.36	
MAINE	1,823	3,205	4,817	3,322	166.77	187	934	13,684	2,322	248.61	
MARYLAND	1,841	6,638	11,062	7,371	111.04	584	6,685	32,474	14,579	218.09	
MASSACHUSETTS	1,011	3,438	9,317	1,504	43.75	1,199	6,865	26,302	8,649	87.34	
MICHIGAN	6,267	12,446	5,441	16,462	132.27	980	9,268	26,560	15,529	167.55	
MINNESOTA	8,660	6,238	2,600	5,814	68.15	623	3,736	16,338	5,483	146.68	
MISSISSIPPI	5,334	6,133	3,092	5,449	88.85	343	1,539	12,293	3,569	231.90	
MISSOURI	4,468	9,623	4,161	7,320	74.52	552	3,564	17,689	5,240	147.03	
MONTANA	6,351	2,572	1,317	2,039	78.26	103	1,447	12,315	187	40.39	
NEBRASKA	6,931	4,086	1,616	2,864	65.17	283	1,447	15,074	4,353	300.63	
NEVADA	1,787	1,418	2,171	948	66.74	69	930	36,927	609	66.99	
NEW HAMPSHIRE	964	2,346	6,667	1,098	43.01	169	1,100	17,833	641	58.27	
NEW JERSEY	600	3,001	10,277	7,133	237.89	679	6,961	36,236	23,366	260.17	
NEW MEXICO	3,664	2,826	2,113	2,594	91.79	224	1,162	14,212	3,228	277.60	
NEW YORK	6,418	11,586	4,846	37,627	324.76	2,026	21,964	29,689	44,948	204.46	
NORTH CAROLINA	3,785	6,920	6,457	9,222	103.39	659	5,252	21,635	5,701	108.65	
NORTH DAKOTA	5,403	1,749	697	3,57	39.57	137	452	9,039	662	195.13	
OHIO	4,993	10,710	5,677	13,783	126.69	1,596	9,520	16,342	30,906	324.66	
OKLAHOMA	4,875	5,975	3,368	3,533	59.13	432	2,349	14,897	3,309	140.87	
OREGON	4,842	5,678	3,469	5,193	86.35	404	2,964	20,236	2,309	183.06	
PENNSYLVANIA	7,754	16,561	6,652	20,424	123.33	2,159	15,130	19,200	27,074	178.94	
RHODE ISLAND	163	480	374	77.92	107.14	271	1,544	16,609	3,320	215.03	
SOUTH CAROLINA	4,856	6,553	4,728	9,164	107.14	726	4,795	16,095	10,135	211.37	
SOUTH DAKOTA	5,891	2,283	1,099	1,412	61.65	108	461	12,021	1,384	267.79	
TENNESSEE	5,227	6,547	4,690	9,230	103.18	936	5,790	16,912	11,693	205.41	
TEXAS	14,814	21,508	4,652	14,987	88.41	1,960	18,913	26,437	33,426	178.74	
UTAH	2,506	1,764	1,914	1,291	65.29	110	816	15,342	1,169	193.62	
VERMONT	1,041	1,514	3,985	1,531	86.80	83	343	11,322	609	177.65	
VIRGINIA	4,753	10,640	6,248	10,654	98.26	650	5,201	21,590	9,075	174.49	
WASHINGTON	2,240	5,323	3,335	6,095	114.50	680	5,414	22,820	6,062	111.97	
WEST VIRGINIA	3,650	1,650	4,709	177.97	100.67	207	1,044	13,818	3,029	290.13	
WISCONSIN	6,358	11,114	3,644	11,189	100.67	970	5,666	16,003	6,801	155.33	
WYOMING	2,688	1,555	1,466	1,642	54.15	124	406	8,970	6,677	168.75	
SUBTOTAL	226,078	327,504	3,969	342,401	104.55	34,195	286,919	22,968	497,823	173.51	

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-C. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL				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/
ALABAMA	1,646	4,700	6,329	5,674	120.72	1,246	1,667	3,665	5,024	301.36
ALASKA	1,120	5,571	13,037	1,800	260.21	118	117	2,717	167	142.74
ARIZONA	1,113	5,660	14,474	36,113	614.17	305	699	3,421	1,332	148.16
ARKANSAS	666	2,001	6,412	3,270	163.42	505	250	2,318	283	109.69
CALIFORNIA	12,727	64,672	16,227	162,097	181.44	6,084	7,989	4,160	24,859	323.31
COLORADO	1,768	6,747	6,906	14,478	251.89	628	440	1,928	723	164.32
CONNECTICUT	1,295	3,213	7,128	13,415	417.52	1,720	1,237	1,970	4,939	399.27
DELAWARE	168	676	1,458	1,862	212.56	155	332	6,866	661	199.10
DIST. OF COL.	89	432	13,298	2,456	566.96	144	328	6,240	2,326	709.15
FLORIDA	1,941	15,467	21,932	55,823	360.52	2,662	5,566	5,749	2,13	3.61
GEORGIA	2,176	439	553	16,715	9.807	1,806	3,574	5,574	6,697	162.28
HAWAII	143	660	2,589	2,673	930.99	179	478	7,316	1,153	241.21
IDAHO	453	1,199	7,252	2,589	215.93	272	218	2,196	400	183.49
ILLINOIS	3,553	15,777	12,166	40,905	259.27	3,092	6,469	5,732	14,965	231.33
INDIANA	2,945	8,476	7,885	12,550	148.16	1,769	1,502	2,481	1,728	107.67
IOWA	1,777	2,629	4,891	6,156	243.38	966	617	1,750	1,437	121.71
KANSAS	1,154	3,341	7,932	8,147	253.91	806	456	2,514	565	177.59
KENTUCKY	1,202	4,402	10,034	11,177	243.85	793	979	4,885	2,552	32.58
LOUISIANA	1,374	5,283	10,534	12,530	297.18	362	388	2,937	747	192.63
MAINE	344	1,087	8,857	2,723	222.91	688	368	5,523	4,942	356.31
MARYLAND	1,467	8,104	15,135	27,744	342.35	2,589	2,771	2,955	9,002	324.86
MASSACHUSETTS	3,336	10,265	6,429	24,891	242.53	1,552	2,035	4,840	8,364	411.01
MICHIGAN	4,314	18,714	12,520	42,461	215.49	634	560	2,420	1,368	244.29
MINNESOTA	1,622	6,471	10,930	12,266	189.55	761	832	2,995	1,999	240.26
MISSISSIPPI	950	2,314	6,618	2,222	60	599	737	3,371	854	115.68
MISSOURI	1,684	6,773	12,758	12,891	146.94	100	84	2,301	187	222.62
MONTANA	242	598	6,747	475	79.70	405	483	3,267	1,558	322.57
NEBRASKA	659	1,948	8,099	7,299	374.69	405	483	3,267	1,558	185.79
NEVADA	460	2,787	16,599	10,445	374.76	97	190	6,366	321	98.17
NEW HAMPSHIRE	360	1,184	8,360	2,801	236.57	338	327	2,651	321	98.17
NEW JERSEY	3,565	8,501	6,533	72,973	858.40	1,823	2,903	4,363	14,348	494.25
NEW MEXICO	445	2,130	13,114	6,159	289.15	1,823	2,322	4,986	1,012	436.21
NEW YORK	5,172	24,644	13,160	72,625	292.52	3,561	5,032	3,871	8,088	159.74
NORTH CAROLINA	2,840	9,690	10,056	14,981	154.60	355	380	2,933	607	157.71
NORTH DAKOTA	288	467	4,443	14,989	149.89	213	175	2,251	276	157.71
OHIO	3,720	11,897	8,718	7,000	484.40	4,148	4,196	2,773	25,152	599.43
OKLAHOMA	2,240	6,607	8,326	12,929	189.94	755	683	2,478	1,216	178.04
OREGON	1,208	3,981	9,029	11,202	281.39	848	1,161	3,751	2,570	255.81
PENNSYLVANIA	3,662	14,044	9,963	28,371	202.02	3,191	4,792	4,114	4,268	89.07
RHODE ISLAND	432	1,936	12,278	5,019	269.25	498	527	2,899	1,165	221.06
SOUTH CAROLINA	634	2,583	11,162	6,607	333.22	534	1,030	5,284	6	0.58
SOUTH DAKOTA	289	440	4,171	243.41	243.41	101	78	2,116	205	262.82
TENNESSEE	1,357	6,752	13,632	17,171	254.31	1,602	2,367	3,611	5,701	236.84
TEXAS	6,596	24,761	10,285	37,097	149.62	1,602	1,817	3,107	2,201	11.06
UTAH	538	2,992	15,237	9,267	309.73	369	520	6,480	2,175	236.41
VERMONT	171	476	7,610	1,054	221.89	178	172	2,647	307	178.49
VIRGINIA	2,046	10,564	14,146	24,002	227.21	1,404	2,143	4,182	4,960	231.45
WASHINGTON	2,600	9,700	14,287	14,287	147.17	1,736	2,366	3,734	4,219	178.32
WEST VIRGINIA	408	1,409	9,508	4,150	294.53	402	486	3,734	644	132.51
WISCONSIN	2,046	6,234	6,348	15,532	249.15	936	766	2,242	2,692	351.44
WYOMING	243	401	4,521	840	169.60	316	223	1,940	449	201.35
SUBTOTAL	92,109	379,670	11,293	974,481	256.67	55,571	76,746	3,784	180,999	235.84

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

**TABLE 6-D. NONFATALLY INJURED PERSONS
BY STATE AND HIGHWAY SYSTEM - 1990
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11.581	4.712	1.115	2.552	54.16
ALASKA	1.816	487	735	903	185.42
ARIZONA	3.256	3.309	2.784	2.034	61.47
ARKANSAS	7.374	2.124	789	1.740	81.92
CALIFORNIA	11.176	10.369	2,542	12,933	124.73
COLORADO	3.410	1.441	1,158	1,445	100.28
CONNECTICUT	902	1.461	4.438	1,554	106.37
DELAWARE	605	645	2.921	717	111.16
DIST. OF COL.	-	-	-	-	-
FLORIDA	4.396	2.818	1.756	7.088	251.53
GEORGIA	14.011	6.223	1.217	7.164	115.12
HAWAII	435	564	3,552	712	126.24
IDAHO	4.057	1.088	735	1,196	109.93
ILLINOIS	12.922	4.155	881	5,731	137.93
INDIANA	9.740	8.743	2,459	9,553	109.26
IOWA	13.566	2.509	507	2,321	92.51
KANSAS	22.655	2.688	325	2,634	97.99
KENTUCKY	7.172	5.039	1,925	9,252	183.61
LOUISIANA	7.349	5.297	1,975	9,338	176.29
MAINE	2.742	1.772	1,771	2,022	114.11
MARYLAND	1,911	2,309	3,310	3,792	164.23
MASSACHUSETTS	2.007	1,581	2,158	1,573	99.49
MICHIGAN	17.059	9,944	1,597	18,840	189.46
MINNESOTA	16.604	3,805	628	3,762	98.87
MISSISSIPPI	11.695	3,485	816	2,676	76.79
MISSOURI	18.093	5,771	874	6,700	116.10
MONTANA	4,744	738	426	575	77.91
NEBRASKA	11,458	1,247	298	1,550	124.30
NEVADA	2,315	867	1,026	777	89.62
NEW HAMPSHIRE	1,232	1,269	2,822	699	55.08
NEW JERSEY	1,687	2,470	4,011	6,693	270.97
NEW MEXICO	3,640	1,103	830	1,486	134.72
NEW YORK	6,293	5,473	2,383	21,615	394.94
NORTH CAROLINA	10,325	11,080	2,940	15,037	135.71
NORTH DAKOTA	10,628	775	200	376	48.52
OHIO	11,793	8,717	2,025	15,329	175.85
OKLAHOMA	11,809	3,953	917	2,379	60.18
OREGON	7,817	2,655	931	2,763	104.07
PENNSYLVANIA	7,980	6,115	2,099	9,633	157.53
RHODE ISLAND	201	151	2,058	156	103.31
SOUTH CAROLINA	8,534	5,093	1,635	6,457	126.78
SOUTH DAKOTA	11,094	952	235	734	77.10
TENNESSEE	5,456	3,189	1,601	4,926	154.47
TEXAS	32,638	13,684	1,149	15,781	115.32
UTAH	2,707	829	839	945	113.99
VERMONT	1,913	1,079	1,545	994	92.12
VIRGINIA	10,200	6,407	1,721	9,572	149.40
WASHINGTON	7,320	5,075	1,899	13,914	274.17
WEST VIRGINIA	6,351	3,416	1,474	8,325	243.71
WISCONSIN	13,040	4,481	941	5,679	126.74
WYOMING	2,266	455	550	341	74.95
SUBTOTAL	399.975	183.612	1.258	264.968	144.31
INCOMPLETE DATA					

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-E. NONFATALITY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1990

NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS NUMBER		RATE 1/	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS NUMBER	RATE 1/
ALABAMA	1	-	2,740	0	0.00	219	247	3,090	176	72.06	
ALASKA	-	-	-	-	-	3	24	21,918	55	229.17	
ARIZONA	363	275	2,076	194	70.55	40	109	7,466	68	62.39	
ARKANSAS	16	24	4,110	26	106.33	401	452	3,088	511	119.05	
CALIFORNIA	-	-	-	-	-	1,223	2,867	6,647	7,953	268.05	
COLORADO	9	11	3,349	29	263.84	6	4	1,370	0	0.00	
CONNECTICUT	-	-	-	-	-	34	1,774	142,949	286	16.12	
DELAWARE	-	-	-	-	-	1	1	2,740	2	200.00	
DIST. OF COL.	395	1,398	10,943	1,566	117.04	8	3	1,027	298	7,939.33	
FLORIDA	-	-	-	-	-	410	2,761	16,450	3,531	127.89	
GEORGIA	10	1	274	0	0.00	9	-	304	29	2,900.00	
HAWAII	-	-	-	-	-	46	132	7,862	72	54.55	
IDAH0	-	-	-	-	-	34	42	3,964	209	497.62	
ILLINOIS	2	1	1,370	132	13,200.00	30	75	6,849	3,457	4,609.33	
INDIANA	6	1	457	0	0.00	13	31	6,533	0	0.00	
IOWA	-	-	-	3	0.00	216	700	8,878	2,615	373.57	
KANSAS	26	3	316	0	0.00	1	1	2,740	0	0.00	
KENTUCKY	10	2	548	0	0.00	300	602	5,498	694	115.28	
LOUISIANA	1	1	2,740	2	200.00	3	6	5,479	32	539.33	
MAINE	-	-	-	-	-	9	21	8,393	71	938.09	
MARYLAND	-	-	-	-	-	3	1	913	13	1,300.00	
MASSACHUSETTS	-	-	-	-	-	467	761	4,465	2,014	264.85	
MICHIGAN	-	-	-	-	-	24	8	3,523	319	9,987.50	
MINNESOTA	278	120	1,178	91	75.83	14	18	6,795	41	227.78	
MISSISSIPPI	-	-	-	-	-	500	1,240	6,795	1,534	123.71	
MISSOURI	63	4	174	5	125.00	37	25	1,851	164	658.00	
MONTANA	-	-	-	-	-	-	-	-	-	-	
NEBRASKA	-	-	-	-	-	21	39	5,088	96	246.15	
NEVADA	-	-	-	-	-	21	154	20,091	24	15.58	
NEW HAMPSHIRE	19	218	91,435	19	6.72	269	6,678	88,384	3,982	45.66	
NEW JERSEY	125	1,364	29,696	1,124	62.40	124	490	10,826	1,085	221.43	
NEW MEXICO	5	1	548	0	0.00	127	688	14,842	0	0.00	
NEW YORK	257	158	1,684	111	70.25	658	1,868	6,284	1,366	68.41	
NORTH CAROLINA	2	1	1,370	0	0.00	-	-	-	-	-	
NORTH DAKOTA	-	-	-	-	-	-	-	-	-	-	
OHIO	224	23	281	119	517.39	162	93	1,573	112	120.43	
OKLAHOMA	81	116	3,924	93	80.17	26	87	9,168	127	149.98	
OREGON	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA	9	2	1,826	0	0.00	-	-	-	-	-	
RHODE ISLAND	-	-	-	-	-	259	440	4,854	1,796	408.18	
SOUTH CAROLINA	14	1	196	7	700.00	6	6	2,055	34	568.67	
SOUTH DAKOTA	-	-	-	-	-	1,798	6,000	9,143	2,084	34.73	
TENNESSEE	3	2	1,826	0	0.00	42	53	3,457	112	211.32	
TEXAS	39	16	1,124	0	0.00	-	-	-	-	-	
UTAH	312	19	167	0	0.00	-	-	-	-	-	
VERMONT	-	-	-	-	-	125	705	15,452	111	15.74	
VIRGINIA	-	-	-	-	-	10	39	10,885	0	0.00	
WASHINGTON	-	-	-	-	-	1	1	2,740	0	0.00	
WEST VIRGINIA	1	4	10,959	0	0.00	102	116	3,116	642	553.45	
WISCONSIN	253	15	162	152	1,013.33	3	2	1,826	0	0.00	
WYOMING	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL	2,459	3,722	4,147	3,673	98.68	8,009	31,565	10,798	35,637	112.90	

1/ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-F. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1990
NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
ALABAMA	6,971	1,152	453	720	62.50	ALABAMA	461	283	1,682	1,936	472.08
ALASKA	993	148	408	114	77.03	ALASKA	46	30	1,787	123	410.00
ARIZONA	9,556	694	535	806	116.14	ARIZONA	930	728	2,145	675	120.19
ARKANSAS	11,606	1,784	421	1,748	97.98	ARKANSAS	701	345	1,348	1,064	308.41
CALIFORNIA	11,636	4,191	987	10,593	252.76	CALIFORNIA	2,683	3,956	4,040	12,086	305.51
COLORADO	15,957	2,154	370	2,274	105.57	COLORADO	530	545	2,817	1,358	249.17
CONNECTICUT	1,195	502	1,151	737	146.81	CONNECTICUT	196	1,237	17,291	47	33.79
DELAWARE	158	80	1,405	135	168.75	DELAWARE	13	7	1,475	66	671.43
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	3	685	66	2,200.00
FLORIDA	5,485	1,699	849	926	54.50	FLORIDA	2,118	3,502	4,530	0	0.00
GEORGIA	7,289	1,976	743	1,487	75.25	GEORGIA	2	1	1,370	0	0.00
HAWAII	136	181	3,646	61	33.70	HAWAII	1	1	2,740	0	0.00
IDAHO	4,633	294	174	155	52.72	IDAHO	113	99	2,400	72	72.73
ILLINOIS	8,852	1,385	782	1,957	141.30	ILLINOIS	199	208	2,864	528	253.85
INDIANA	10,317	1,861	494	2,348	126.17	INDIANA	192	94	1,341	1,201	1,277.66
IOWA	18,400	735	123	915	124.49	IOWA	81	70	2,368	0	0.00
KANSAS	9,394	286	83	354	123.78	KANSAS	273	385	3,864	862	223.90
KENTUCKY	9,315	2,021	594	4,164	206.04	KENTUCKY	96	19	542	49	18.15
LOUISIANA	4,308	1,481	942	2,217	149.70	LOUISIANA	353	270	2,096	49	18.15
MAINE	2,788	1,038	1,020	1,357	130.73	MAINE	32	32	2,740	40	129.00
MARYLAND	1,893	762	1,103	1,421	185.48	MARYLAND	486	598	3,371	1,260	210.70
MASSACHUSETTS	1,951	372	522	1,115	299.73	MASSACHUSETTS	156	106	1,862	183	172.64
MICHIGAN	7,825	1,756	639	3,644	207.52	MICHIGAN	1,638	1,713	2,865	7,567	441.74
MINNESOTA	11,878	1,122	259	1,271	113.28	MINNESOTA	1,209	2,007	4,548	3,845	191.58
MISSISSIPPI	2,918	386	362	217	56.22	MISSISSIPPI	2	893	1,370	101	0.00
MISSOURI	5,439	416	210	513	123.32	MISSOURI	898	101	2,724	23	11.31
MONTANA	11,188	476	117	422	88.66	MONTANA	126	101	2,196	22	22.77
NEBRASKA	9,233	283	84	519	183.39	NEBRASKA	-	345	2,822	1,223	354.49
NEVADA	2,468	221	245	226	102.26	NEVADA	335	3	2,065	0	0.00
NEW HAMPSHIRE	1,233	414	920	269	64.98	NEW HAMPSHIRE	4	4	3,453	323	268.94
NEW JERSEY	1,301	929	1,956	2,252	242.41	NEW JERSEY	96	121	4,275	1,261	544.69
NEW MEXICO	2,934	316	295	543	171.84	NEW MEXICO	382	816	5,852	712	87.25
NEW YORK	10,799	5,310	1,347	19,328	363.99	NEW YORK	1,020	814	2,186	491	60.32
NORTH CAROLINA	9,236	3,859	1,145	6,332	164.08	NORTH CAROLINA	13	2	421	7	350.00
NORTH DAKOTA	7,967	217	75	458	211.06	NORTH DAKOTA	-	-	-	-	-
OHIO	7,124	2,091	804	4,597	219.85	OHIO	451	248	1,507	416	167.74
OKLAHOMA	12,692	1,069	231	306	28.62	OKLAHOMA	127	146	3,150	201	137.67
OREGON	9,153	878	263	543	61.85	OREGON	-	-	-	-	-
PENNSYLVANIA	8,376	2,754	901	4,822	175.09	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	153	65	58	58	89.23	RHODE ISLAND	-	-	-	-	-
SOUTH CAROLINA	4,004	682	453	760	114.80	SOUTH CAROLINA	625	452	1,981	1,023	226.33
SOUTH DAKOTA	7,368	180	67	201	111.67	SOUTH DAKOTA	13	12	2,529	129	1,075.00
TENNESSEE	10,790	2,382	605	3,524	147.94	TENNESSEE	-	-	-	-	-
TEXAS	23,824	3,184	366	2,359	74.09	TEXAS	5,291	5,960	3,092	106	1.78
UTAH	4,624	284	168	359	126.41	UTAH	87	49	1,543	140	285.71
VERMONT	986	162	506	196	107.69	VERMONT	-	-	-	-	-
VIRGINIA	2,405	493	562	1,010	204.87	VIRGINIA	-	-	-	-	-
WASHINGTON	6,709	1,656	676	5,069	306.10	WASHINGTON	41	63	4,210	0	0.00
WEST VIRGINIA	2,162	346	438	693	200.29	WEST VIRGINIA	2	5	6,849	0	0.00
WISCONSIN	7,208	992	377	1,826	184.07	WISCONSIN	491	490	2,734	1,748	356.73
WYOMING	7,674	433	155	361	83.37	WYOMING	5	5	2,740	0	0.00
SUBTOTAL	330,303	58,152	482	98,262	169.01	SUBTOTAL	22,677	27,010	3,263	40,884	151.37

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-6. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1990
NONFEDERAL-AID LOCAL 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/
ALABAMA	46,736	3,736	210	5,622	150.48	12,260	4,588	1,025	9,547	208.09	
ALASKA	7,134	458	176	3,088	72.49	1,147	325	1.025	788	242.46	
ARIZONA	25,876	1,599	169	3,088	193.12	10,845	4,104	1,037	5,487	133.70	
ARKANSAS	44,911	1,128	69	1,306	115.76	4,812	647	366	2,473	382.23	
CALIFORNIA	55,896	2,383	117	6,472	271.59	49,676	14,247	788	45,948	322.51	
COLORADO	42,400	533	34	1,565	233.62	7,734	1,625	576	2,410	148.31	
CONNECTICUT	6,182	945	419	1,321	139.79	6,907	1,708	677	5,110	299.18	
DELAWARE	2,731	487	489	688	141.27	1,133	589	1,424	558	94.74	
DIST. OF COL.						659	346	1,438	1,138	326.90	
FLORIDA	43,073	3,144	200	25,994	826.78	38,229	20,555	1,473	54,802	268.61	
GEORGIA	57,121	4,417	212	6,402	144.94	15,820	7,761	1,344	14,483	186.61	
HAWAII	1,611	653	1,111	635	97.24	1,030	1,052	2,798	1,552	147.53	
IDAH0	48,111	1,905	108	1,909	100.21	1,388	358	707	1,173	327.65	
ILLINOIS	76,930	3,325	118	5,882	176.90	22,824	7,105	864	30,096	423.59	
INDIANA	48,684	2,433	136	7,725	317.51	11,876	4,227	975	14,745	348.83	
INDIANA	65,101	1,470	62	3,303	224.69	5,396	1,159	588	3,166	273.17	
IOWA	83,997	1,472	48	2,378	161.55	6,470	1,721	729	3,983	231.44	
KANSAS	41,516	2,324	153	5,169	222.42	4,925	1,735	965	5,558	275.39	
KENTUCKY	31,358	2,220	194	8,518	383.69	8,799	6,428	2,001	17,702	205.71	
LOUISIANA	12,228	1,006	225	2,362	234.79	1,513	245	444	504	607.73	
MAINE	10,848	1,287	325	2,713	210.80	8,845	1,746	541	10,674	649.28	
MARYLAND	8,091	1,034	118	8,410	813.35	13,186	5,248	1,090	34,074	607.73	
MASSACHUSETTS	59,050	2,542	91	7,101	279.35	17,690	3,948	611	16,781	425.05	
MICHIGAN	77,339	2,577	242	4,616	179.12	9,879	2,652	735	3,499	131.94	
MINNESOTA	44,278	3,913	130	3,011	76.95	5,154	1,783	948	3,216	186.37	
MISSISSIPPI	74,647	3,553	44	11,011	309.91	10,270	2,582	689	3,334	516.42	
MISSOURI	46,626	754	130	1,918	121.75	1,616	538	912	2,386	443.49	
MONTANA	59,385	1,256	58	2,381	107.87	3,588	678	794	1,774	261.65	
NEBRASKA	35,371	305	24	329	140.96	2,056	596	476	1,739	291.78	
NEVADA	8,775	542	169	764	107.87	1,469	255	74	190	74.51	
NEW HAMPSHIRE	7,711	841	299	3,870	460.17	15,800	10,885	1,687	20,175	185.35	
NEW JERSEY	38,089	2,013	145	1,921	95.43	4,326	1,096	694	2,954	269.53	
NEW MEXICO	48,965	3,415	191	33,052	967.85	29,997	8,202	864	44,600	543.77	
NEW YORK	51,133	3,358	180	29,176	868.85	13,485	7,117	1,446	31,052	436.31	
NORTH CAROLINA	60,176	683	31	124	18.16	1,120	289	707	867	300.00	
NORTH DAKOTA	57,415	6,066	289	12,227	199.92	21,241	10,260	1,323	26,628	259.53	
OHIO	69,359	1,845	73	4,538	245.96	7,836	3,185	1,114	5,760	180.85	
OKLAHOMA	64,271	1,501	64	1,163	77.48	5,665	1,008	487	2,525	250.50	
OREGON	62,888	5,474	238	10,647	194.50	18,729	5,763	843	31,219	541.71	
PENNSYLVANIA	982	72	164	60	83.33	3,338	990	305	827	83.54	
RHODE ISLAND	36,536	2,189	40	4,719	215.58	6,447	718	313	3,712	516.99	
SOUTH CAROLINA	48,163	695	95	3,008	130.65	1,168	295	622	622	210.85	
SOUTH DAKOTA	47,046	1,631	81	4,919	301.59	10,952	3,238	810	9,531	294.35	
TENNESSEE	143,614	4,237	81	19,229	453.83	70,592	27,046	1,050	103,488	382.64	
TEXAS	27,003	508	52	1,382	272.05	4,263	1,629	1,047	2,646	162.43	
UTAH	8,715	479	151	593	123.80	714	360	1,381	181	50.28	
VERMONT	34,002	3,239	261	4,517	139.46	10,717	5,454	1,334	6,981	128.00	
VIRGINIA	46,118	1,174	70	8,969	763.97	11,083	3,073	760	9,462	307.91	
WASHINGTON	20,336	782	105	2,207	282.22	1,968	446	621	64.80	289	
WEST VIRGINIA	66,360	2,895	120	6,200	214.16	1,968	5,015	1,413	5,367	107.02	
WISCONSIN	23,339	348	41	295	84.77	1,212	158	357	5,367	300.63	
WYOMING											
SUBTOTAL	2,130,427	96,846	125	282,541	291.74	533,275	196,778	1,011	618,188	314.15	

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-H. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1990
TOTAL RURAL AND URBAN 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/
ALABAMA	73,818	22,586	838	16,843	74.57	16,854	19,761	3.212	27,797	140.67	
ALASKA	11,936	2,276	522	2,175	95.56	1,549	1,703	3.012	3,586	210.57	
ARIZONA	36,945	14,771	1,095	12,635	85.54	14,667	20,685	3.864	48,112	232.59	
ARKANSAS	69,408	13,414	529	10,063	75.02	7,677	7,597	2.711	11,520	151.64	
CALIFORNIA	89,852	64,923	1,678	55,162	100.44	73,922	204,003	7.561	310,596	152.25	
COLORADO	66,408	11,709	483	10,537	89.99	11,272	15,469	3.760	28,646	185.18	
CONNECTICUT	9,086	6,597	1,989	6,140	93.07	10,905	19,706	4.951	35,860	162.08	
DELAWARE	3,829	2,924	2,092	2,911	99.56	1,615	3,624	6.148	5,516	152.21	
DIST. OF COL.	-	-	-	-	-	1,102	3,407	8.470	13,219	388.00	
FLORIDA	60,051	31,968	1,458	54,975	171.97	48,034	78,029	4.451	159,234	204.07	
GEORGIA	97,873	33,681	1,050	30,418	90.31	21,728	39,065	4.926	68,446	176.21	
HAWAII	2,687	2,976	2,998	2,998	106.69	1,512	5,256	9.524	9,426	179.34	
ILLINOIS	60,006	6,831	312	5,841	85.51	2,429	3,018	3.404	5,395	178.76	
INDIANA	103,941	26,139	689	25,874	98.99	32,003	57,195	4.896	131,889	230.60	
INDIANA	74,040	29,391	1,088	32,560	110.78	17,868	24,306	3.727	41,856	172.20	
IOWA	103,755	14,827	392	12,167	82.06	8,786	8,166	2.546	18,066	221.23	
KANSAS	124,473	12,565	277	9,502	75.82	9,105	10,284	3.904	20,752	201.79	
KENTUCKY	61,976	19,871	678	27,413	137.95	7,692	13,768	4.904	19,915	199.15	
LOUISIANA	46,330	18,053	1,068	27,694	114.48	12,290	19,614	4.372	50,588	257.92	
MAINE	19,895	8,730	1,202	9,994	152.85	2,494	3,141	3.450	6,389	203.41	
MARYLAND	16,462	13,791	2,295	16,240	117.76	26,745	26,745	5.962	64,170	239.93	
MASSACHUSETTS	13,230	8,509	1,762	12,821	150.68	20,846	37,621	4.944	78,742	209.30	
MICHIGAN	90,773	32,538	982	49,176	151.13	26,676	48,553	4.987	99,796	205.54	
MINNESOTA	115,189	16,730	445	15,882	84.79	14,208	20,216	3.898	28,752	142.22	
MISSISSIPPI	65,164	16,702	702	11,999	84.79	7,356	7,696	2.866	14,578	189.42	
MISSOURI	105,488	25,189	654	27,164	107.84	15,039	25,694	4.681	38,974	151.69	
MONTANA	69,116	6,360	252	4,791	75.33	2,271	1,972	2.379	3,489	176.93	
NEBRASKA	87,451	8,779	275	7,813	89.00	4,952	5,179	2.865	19,475	296.80	
NEVADA	42,440	4,372	282	3,196	73.10	3,084	5,843	5.191	15,997	273.78	
NEW HAMPSHIRE	12,403	6,148	1,358	2,935	47.74	2,433	3,696	4.162	4,047	109.50	
NEW JERSEY	11,750	10,517	2,452	2,935	204.45	22,502	48,406	5.894	141,072	291.43	
NEW MEXICO	49,238	9,725	541	8,248	84.81	5,498	6,423	3.201	16,548	257.64	
NEW YORK	73,529	31,423	1,174	114,367	363.96	37,913	75,479	5.454	182,566	241.88	
NORTH CAROLINA	75,445	33,778	1,227	62,493	185.01	19,245	28,929	4.118	55,480	191.78	
NORTH CAROLINA	84,706	4,348	141	1,820	41.86	1,811	1,562	2.363	2,809	179.83	
NORTH DAKOTA	82,172	35,628	1,188	48,571	136.33	31,428	51,344	4.476	153,145	298.27	
OHIO	99,682	16,495	453	11,955	72.48	12,063	16,586	3.761	26,627	160.54	
OKLAHOMA	66,559	14,639	463	10,731	73.30	8,410	12,099	3.941	24,470	202.25	
OREGON	88,164	38,871	1,208	48,097	123.73	28,344	46,837	4.527	94,848	202.51	
PENNSYLVANIA	1,523	976	1,756	686	70.29	4,588	6,048	3.612	11,048	182.67	
RHODE ISLAND	54,703	22,253	1,115	22,185	99.69	9,343	12,123	3.555	26,152	215.72	
SOUTH CAROLINA	72,962	5,451	205	3,697	67.82	1,734	1,538	2.430	3,564	231.73	
SOUTH DAKOTA	69,299	22,880	905	24,508	107.12	15,340	23,830	4.256	47,746	200.36	
TENNESSEE	217,175	54,660	690	57,412	105.03	88,776	107,572	3.320	205,164	190.72	
TEXAS	37,669	5,691	414	5,548	97.49	5,575	8,955	4.401	17,102	190.98	
UTAH	12,941	4,250	900	3,392	79.61	1,180	1,588	3.687	2,189	137.85	
VERMONT	62,449	26,059	1,466	27,713	98.77	15,251	32,119	5.770	48,723	151.70	
VIRGINIA	55,039	16,764	706	35,619	212.47	16,260	27,931	4.706	40,445	144.80	
WASHINGTON	62,039	10,948	952	19,116	174.61	3,076	4,881	3.987	8,881	198.68	
WEST VIRGINIA	95,481	23,390	671	26,300	112.44	14,395	20,487	3.975	36,230	174.46	
WISCONSIN	37,261	4,479	329	3,007	67.14	1,992	1,354	1.900	2,360	174.30	
WYOMING	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL	3,122,788	870,409	764	1,064,786	122.33	757,363	1,277,092	4.620	2,535,521	198.54	

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

SECTION III - OTHER RATES

A. Highway Mileage

Vehicle mileage rates for the United States are the most common measure of safety performance (Table 1). For some purposes, rates per mile of highway may be more useful (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 useful for comparing motor vehicle accidents with other public health problems. In 1989, 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. States' accident, fatality, and injury rates per licensed driver are listed in Table 9.

D. Registered Vehicles

The number of accidents per registered vehicle is also affected by how carefully the vehicle is driven and the amount of travel under various conditions. States' rates per registered vehicle are listed in Table 10.

TABLE 7. U.S. HIGHWAY-MILE RATES BY HIGHWAY SYSTEM - 1990

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)	93,547	200,573	16.380	2,258	67.31	43,911	1,308.94	2,713	80.87	72,921	2,173.70
RURAL	11,627	278,404	150.869	1,965	170.47	120,568	10,488.29	2,228	193.29	187,509	16,266.94
URBAN	45,074	478,977	29.114	4,223	33.69	164,579	3,681.31	4,941	109.62	280,430	5,777.63
OTHER FEDERAL-AID PRIMARY (ARTERIAL)	226,078	327,504	3.969	8,203	36.28	201,348	890.61	9,662	42.74	942,401	1,514.53
RURAL	94,195	286,919	22.988	3,716	108.67	313,957	9,181.37	4,081	119.34	497,823	14,558.38
URBAN	260,273	614,423	6.468	11,919	45.79	615,305	1,979.86	13,743	52.80	840,224	3,228.24
FEDERAL-AID URBAN ARTERIAL COLLECTOR	92,109	379,870	11.293	6,936	75.30	623,042	6,764.18	7,383	80.16	974,481	10,579.65
TOTAL (ALL URBAN)	55,571	76,746	3.784	1,087	19.56	123,519	2,222.72	1,158	20.84	180,999	3,257.08
	147,680	456,418	8.467	8,023	54.33	746,561	5,055.26	8,541	57.83	1,155,480	7,824.21
FEDERAL-AID SECONDARY (COLLECTOR)	399,975	183,612	1.258	5,898	14.75	166,172	415.46	6,737	16.84	264,968	662.46
TOTAL (ALL RURAL)											
NON-FEDERAL-AID ARTERIAL	2,459	3,722	4.147	194	78.89	2,088	849.13	244	99.23	9,673	1,493.70
RURAL	6,009	31,565	10.798	216	26.97	22,250	2,778.12	232	28.97	35,637	4,449.62
URBAN	10,468	35,287	9.235	410	39.17	24,338	2,324.99	476	45.47	39,310	3,765.25
TOTAL											
NON-FEDERAL-AID COLLECTOR	330,303	58,152	4.62	1,688	5.72	65,251	197.55	2,084	6.31	98,282	297.55
RURAL	22,677	27,010	3.263	222	9.79	28,113	1,239.71	234	10.32	40,684	1,802.88
URBAN	352,980	85,162	6.81	2,110	5.98	93,364	264.50	2,318	6.57	139,166	394.26
TOTAL											
NON-FEDERAL-AID LOCAL	2,130,427	96,846	1.25	3,956	1.86	189,870	89.12	4,339	2.04	282,541	132.62
RURAL	533,275	196,778	1.011	3,240	6.08	600,978	1,126.96	3,434	6.44	618,188	1,159.23
URBAN	2,663,702	293,624	3.02	7,196	2.70	790,848	296.90	7,773	2.92	900,729	338.15
TOTAL											
ALL FEDERAL-AID	659,600	711,689	2.956	16,359	24.80	411,431	623.76	19,112	28.98	680,290	1,031.97
RURAL	193,402	1,021,738	14.474	13,704	70.86	1,181,186	6,107.41	14,850	76.78	1,840,812	9,518.06
URBAN	863,002	1,733,428	5.568	30,063	35.24	1,532,617	1,867.07	33,962	39.81	2,521,102	2,955.56
TOTAL											
ALL NON-FEDERAL-AID	2,483,189	158,720	1.77	6,038	2.45	257,209	104.42	6,667	2.71	384,496	156.10
RURAL	583,961	255,353	1.241	3,678	6.52	651,341	1,154.94	3,900	6.92	694,709	1,231.84
URBAN	3,027,150	414,073	3.21	9,716	3.21	908,550	300.13	10,567	3.49	1,079,205	366.51
TOTAL											
NON-INTERSTATE	3,089,242	669,836	5.94	20,139	6.52	624,729	202.23	23,066	7.47	991,865	321.07
RURAL	745,836	998,688	3.669	15,417	20.67	1,711,869	2,295.22	16,522	22.15	2,348,012	3,148.16
URBAN	3,836,078	1,668,524	1.166	35,556	9.27	2,336,586	609.27	39,586	10.32	3,339,877	670.88
TOTAL											
TOTAL RURAL	3,122,788	870,409	7.64	22,397	7.17	668,640	214.12	25,779	8.26	1,064,786	340.97
URBAN	757,963	1,277,092	4.620	17,392	22.95	1,832,527	2,419.62	18,750	24.76	2,535,521	3,347.83
TOTAL	3,880,751	2,147,501	1.518	39,779	10.25	2,501,167	644.61	44,529	11.48	3,600,307	927.88

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/ TRAVEL AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1990. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AND VEHICLE MILES OF TRAVEL ARE FROM THE HPMS AREAWIDE SUMMARY TABLES. 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 1,000 HIGHWAY MILES.

4/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1989 DATA FOR ARKANSAS, MISSISSIPPI, NEW HAMPSHIRE, NEW YORK, OHIO, AND TENNESSEE.

**TABLE 8. FATAL AND INJURY ACCIDENT DATA
RELATED TO POPULATION - 1990**

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	4.041	10.479	0.24	0.28	7.48	11.05
ALASKA	550	7.235	0.16	0.17	7.13	10.47
ARIZONA	3.665	9.674	0.21	0.24	10.26	16.57
ARKANSAS 1/	2.350	8.941	0.22	0.26	4.97	9.18
CALIFORNIA	29.760	8.700	0.16	0.17	7.95	12.29
COLORADO	3.294	8.251	0.15	0.17	7.76	11.90
CONNECTICUT	3.287	8.002	0.11	0.12	9.02	12.78
DELAWARE	666	9.832	0.18	0.21	7.96	12.65
DIST. OF COL.	607	5.613	0.08	0.08	15.64	21.78
FLORIDA	12.938	8.502	0.20	0.22	10.09	16.56
GEORGIA	6.478	11.230	0.22	0.24	9.79	15.26
HAWAII	1.108	7.280	0.14	0.16	7.78	11.21
IDAHO	1.007	9.781	0.21	0.24	7.99	11.16
ILLINOIS	11.431	7.290	0.13	0.14	9.30	13.80
INDIANA	5.544	9.686	0.17	0.19	9.43	13.42
IOWA	2.777	8.280	0.15	0.17	7.41	10.89
KANSAS	2.478	9.221	0.16	0.18	8.10	12.21
KENTUCKY	3.685	9.129	0.20	0.23	9.68	14.88
LOUISIANA	4.220	8.926	0.20	0.23	11.10	18.53
MAINE	1.228	9.667	0.16	0.17	8.16	13.34
MARYLAND	4.781	8.479	0.13	0.14	10.24	16.82
MASSACHUSETTS	6.016	7.668	0.09	0.10	12.15	15.22
MICHIGAN	9.295	8.724	0.15	0.17	10.49	16.03
MINNESOTA	4.375	8.902	0.11	0.13	6.39	10.20
MISSISSIPPI	2.573	9.482	0.24	0.29	5.43	10.33
MISSOURI 1/	5.117	9.944	0.18	0.21	8.15	12.93
MONTANA	799	10.428	0.24	0.27	6.91	10.36
NEBRASKA	1.578	8.845	0.14	0.17	9.82	14.76
NEVADA	1.202	8.498	0.25	0.29	10.44	15.97
NEW HAMPSHIRE 1/	1.109	8.876	0.13	0.14	3.05	6.30
NEW JERSEY	7.730	7.623	0.11	0.11	13.32	21.03
NEW MEXICO	1.515	10.659	0.29	0.33	10.49	16.37
NEW YORK 1/	17.990	5.942	0.11	0.12	11.13	16.51
NORTH CAROLINA	6.629	9.459	0.19	0.21	37.51	17.80
NORTH DAKOTA	639	9.249	0.16	0.18	4.95	7.24
OHIO 1/	10.847	8.018	0.14	0.15	11.08	18.60
OKLAHOMA	3.146	10.515	0.18	0.20	7.84	12.26
OREGON	2.842	9.408	0.18	0.20	7.89	12.39
PENNSYLVANIA	11.882	7.213	0.13	0.14	7.79	12.03
RHODE ISLAND	1.003	7.003	0.08	0.08	8.02	11.70
SOUTH CAROLINA	3.487	9.858	0.25	0.28	8.54	13.86
SOUTH DAKOTA	696	10.042	0.20	0.22	6.93	10.43
TENNESSEE 1/	4.877	9.578	0.21	0.24	9.60	14.82
TEXAS	16.987	9.550	0.17	0.19	9.56	15.46
UTAH	1.723	8.500	0.14	0.16	8.67	13.15
VERMONT	563	10.369	0.15	0.16	6.42	9.91
VIRGINIA	6.187	9.727	0.15	0.17	8.36	12.35
WASHINGTON	4.867	9.183	0.15	0.17	10.63	15.63
WEST VIRGINIA	1.793	8.599	0.23	0.27	10.12	15.61
WISCONSIN	4.892	9.051	0.14	0.16	8.67	12.78
WYOMING	454	12.848	0.23	0.28	7.51	11.82
U.S. TOTAL	248.708	8.635	0.16	0.18	10.06	14.48

1/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1989 DATA.

**TABLE 9. FATAL AND INJURY ACCIDENT DATA
RELATED TO LICENSED DRIVERS - 1990**

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	2,753	15,382	0.36	0.41	10.99	16.22
ALASKA	314	12,672	0.29	0.30	12.49	18.35
ARIZONA	2,393	14,817	0.33	0.36	15.72	25.39
ARKANSAS 1/	1,722	12,202	0.30	0.35	6.79	12.53
CALIFORNIA	19,846	13,047	0.24	0.26	11.92	18.43
COLORADO	2,043	13,303	0.24	0.27	12.51	19.18
CONNECTICUT	2,214	11,880	0.16	0.17	13.39	18.98
DELAWARE	485	13,501	0.25	0.28	10.94	17.38
DIST. OF COL.	412	8,269	0.11	0.12	23.04	32.08
FLORIDA	9,231	11,916	0.28	0.31	14.15	23.21
GEORGIA	4,478	16,245	0.31	0.35	14.16	22.08
HAWAII	678	11,897	0.23	0.26	12.72	18.32
IDAHO	704	13,990	0.30	0.35	11.43	15.96
ILLINOIS	7,295	11,423	0.20	0.22	14.57	21.63
INDIANA	3,601	14,912	0.26	0.29	14.52	20.67
IOWA	1,872	12,263	0.22	0.25	10.99	16.15
KANSAS	1,715	13,323	0.23	0.26	11.70	17.64
KENTUCKY	2,402	14,005	0.31	0.35	14.85	22.83
LOUISIANA	2,575	14,628	0.32	0.37	18.19	30.36
MAINE	887	13,383	0.22	0.24	11.29	18.47
MARYLAND	3,362	12,057	0.19	0.20	14.56	23.92
MASSACHUSETTS	4,229	10,908	0.13	0.14	17.29	21.65
MICHIGAN	6,440	12,592	0.22	0.24	15.14	23.13
MINNESOTA	2,529	15,400	0.20	0.22	11.05	17.65
MISSISSIPPI	1,885	12,943	0.33	0.40	7.42	14.10
MISSOURI 1/	3,688	13,797	0.26	0.30	11.30	17.93
MONTANA	604	13,795	0.31	0.35	9.14	13.71
NEBRASKA	1,089	12,817	0.20	0.24	14.23	21.38
NEVADA	846	12,074	0.35	0.41	14.84	22.69
NEW HAMPSHIRE 1/	843	11,677	0.17	0.19	4.01	8.28
NEW JERSEY	5,585	10,550	0.15	0.16	18.43	29.11
NEW MEXICO	1,074	15,035	0.41	0.46	14.80	23.09
NEW YORK 1/	10,254	10,425	0.20	0.22	19.53	28.96
NORTH CAROLINA	4,551	13,779	0.27	0.30	54.63	25.92
NORTH DAKOTA	425	13,906	0.24	0.26	7.44	10.89
OHIO 1/	7,427	11,710	0.20	0.22	16.18	27.16
OKLAHOMA	2,278	14,522	0.24	0.28	10.83	16.94
OREGON	2,212	12,088	0.23	0.26	10.13	15.91
PENNSYLVANIA	7,899	10,850	0.19	0.21	11.73	18.10
RHODE ISLAND	671	10,468	0.12	0.13	11.99	17.49
SOUTH CAROLINA	2,373	14,486	0.37	0.41	12.55	20.37
SOUTH DAKOTA	492	14,205	0.28	0.31	9.80	14.76
TENNESSEE 1/	3,334	14,010	0.31	0.35	14.04	21.67
TEXAS 2/	11,137	14,567	0.26	0.29	14.58	23.58
UTAH	1,046	14,002	0.23	0.26	14.28	21.65
VERMONT	412	14,170	0.20	0.21	8.78	13.55
VIRGINIA	4,389	13,711	0.22	0.25	11.79	17.42
WASHINGTON	3,377	13,235	0.21	0.24	15.31	22.52
WEST VIRGINIA	1,284	12,008	0.32	0.37	14.13	21.80
WISCONSIN	3,328	13,304	0.20	0.23	12.74	18.79
WYOMING	334	17,464	0.31	0.37	10.21	16.07
U.S. TOTAL	167,017	12,858	0.24	0.27	14.98	21.56

1/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1989 DATA.

**TABLE 10. FATAL AND INJURY ACCIDENT DATA
RELATED TO VEHICLE REGISTRATIONS - 1990**

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	3.744	11.311	0.26	0.30	8.08	11.92
ALASKA	477	8.342	0.19	0.20	8.22	12.08
ARIZONA	2.825	12.551	0.28	0.31	13.31	21.50
ARKANSAS 1/	1.448	14.510	0.36	0.42	8.07	14.91
CALIFORNIA	21.926	11.809	0.21	0.24	10.79	16.68
COLORADO	3.155	8.614	0.16	0.17	8.10	12.42
CONNECTICUT	2.623	10.028	0.14	0.15	11.30	16.02
DELAWARE	526	12.449	0.23	0.26	10.08	16.02
DIST. OF COL.	262	13.004	0.18	0.18	36.23	50.45
FLORIDA	10.950	10.045	0.24	0.26	11.93	19.56
GEORGIA	5.489	13.253	0.26	0.28	11.55	18.01
HAWAII	771	10.462	0.20	0.23	11.19	16.11
IDAHO	1.054	9.344	0.20	0.23	7.63	10.86
ILLINOIS	7.873	10.585	0.18	0.20	13.50	20.04
INDIANA	4.366	12.299	0.21	0.24	11.97	17.04
IOWA	2.632	8.736	0.15	0.18	7.82	11.49
KANSAS	2.012	11.356	0.19	0.22	9.97	15.04
KENTUCKY	2.909	11.564	0.26	0.29	12.26	18.85
LOUISIANA	2.995	12.577	0.28	0.32	15.64	26.10
MAINE	977	12.150	0.20	0.22	10.25	16.77
MARYLAND	3.607	11.238	0.18	0.19	13.57	22.29
MASSACHUSETTS	3.726	12.381	0.15	0.16	19.62	24.57
MICHIGAN	7.209	11.249	0.19	0.22	13.52	20.66
MINNESOTA	3.508	11.102	0.14	0.16	7.97	12.72
MISSISSIPPI	1.875	13.012	0.33	0.40	7.46	14.17
MISSOURI 1/	3.905	13.030	0.24	0.28	10.68	16.94
MONTANA	783	10.641	0.24	0.27	7.05	10.57
NEBRASKA	1.384	10.085	0.16	0.19	11.20	16.83
NEVADA	853	11.975	0.35	0.40	14.72	22.50
NEW HAMPSHIRE 1/	946	10.406	0.15	0.17	3.57	7.38
NEW JERSEY	5.652	10.425	0.14	0.16	18.21	28.76
NEW MEXICO	1.301	12.412	0.34	0.38	12.22	19.06
NEW YORK 1/	10.196	10.485	0.20	0.22	19.65	29.12
NORTH CAROLINA	5.162	12.148	0.24	0.27	48.16	22.85
NORTH DAKOTA	630	9.381	0.17	0.18	5.02	7.35
OHIO 1/	8.410	10.341	0.18	0.19	14.29	23.99
OKLAHOMA	2.649	12.488	0.21	0.24	9.31	14.56
OREGON	2.445	10.936	0.20	0.24	9.17	14.40
PENNSYLVANIA	7.971	10.752	0.19	0.21	11.62	17.93
RHODE ISLAND	672	10.452	0.12	0.13	11.97	17.46
SOUTH CAROLINA	2.520	13.641	0.35	0.39	11.82	19.18
SOUTH DAKOTA	704	9.928	0.20	0.22	6.85	10.31
TENNESSEE 1/	4.444	10.511	0.23	0.26	10.53	16.26
TEXAS	12.800	12.674	0.23	0.25	12.69	20.51
UTAH	1.206	12.144	0.20	0.23	12.39	18.78
VERMONT	462	12.636	0.18	0.19	7.83	12.08
VIRGINIA	4.938	12.187	0.19	0.22	10.48	15.48
WASHINGTON	4.257	10.499	0.17	0.19	12.15	17.87
WEST VIRGINIA	1.225	12.586	0.33	0.39	14.81	22.85
WISCONSIN	3.672	12.058	0.18	0.21	11.55	17.03
WYOMING	528	11.047	0.20	0.24	6.46	10.16
U.S. TOTAL	188.654	11.383	0.21	0.24	13.26	19.08

1/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1989 DATA.

SECTION IV - PUERTO RICO

Table 11 contains the travel and accident data reported by Puerto Rico for calendar year 1990.

TABLE 11. FATAL AND INJURY ACCIDENTS IN PUERTO RICO - 1990

HIGHWAY SYSTEM	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	INJURY ACCIDENTS				PERSONS INJURED			
			FATAL		NONFATAL		FATAL		NONFATAL	
			Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
FEDERAL-AID										
Interstate (Rural)	83	754	37	4.91	1,663	220.56	38	5.04	2,165	287.14
Interstate (Urban)	115	2,331	66	2.83	3,333	142.99	76	3.26	3,661	157.06
Other Primary (Rural)	307	1,035	64	6.18	3,389	327.44	69	6.67	5,186	501.06
Other Primary (Urban)	216	2,020	1	0.05	4,042	200.10	1	0.05	5,198	257.33
Urban Arterial (Urban)	422	2,238	31	1.39	6,930	309.65	32	1.43	8,348	373.01
Urban Collector (Urban)	181	557	21	3.77	1,461	262.30	21	3.77	1,690	303.41
Secondary (Rural)	855	891	42	4.71	3,310	371.49	45	5.05	4,335	486.53
All Federal-Aid	2,179	9,826	262	2.67	24,128	245.55	282	2.87	30,583	311.25
NON-FEDERAL-AID										
Arterial (Rural)	-	-	-	-	-	-	-	-	-	-
Arterial (Urban)	55	164	0	0.00	610	371.95	0	0.00	819	499.39
Collector (Rural)	679	545	17	3.12	2,092	383.85	17	3.12	2,887	529.72
Collector (Urban)	295	584	6	1.03	1,470	251.71	6	1.03	1,900	325.34
Local (Rural)	7,443	619	66	10.66	6,073	981.10	66	10.66	7,212	1,165.11
Local (Urban)	2,745	1,120	96	8.57	5,523	493.13	102	9.11	6,419	573.13
All Non-Federal-Aid	11,217	3,032	185	6.10	15,768	520.05	191	6.30	19,237	634.47
All Rural Highways	9,367	3,844	226	5.88	16,527	429.94	235	6.11	21,785	566.73
All Urban Highways	4,029	9,014	221	2.45	23,369	259.25	238	2.64	28,035	311.02
TOTAL	13,396	12,858	447	3.48	39,896	310.28	473	3.68	49,820	387.46
* Per 100 Million Vehicle-Miles										

SECTION V - RELATIONSHIP OF FATALITY RATES TO TRAVEL DENSITY

The vehicle mile fatality rate is the measure 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 States, not all States will have similar fatality rates. Many reasons other than variation in travel density affect 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 1986 through 1989. The relationships must be regarded as provisional because they are based on incomplete data that is known to contain errors. Nevertheless, 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.

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. A degree of statistical regularity exists, however, that permits 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 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 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. As the number of vehicle miles or flips of a coin increase, ratios vary at random. The amount of variation can be computed by applying the binomial probability law for the appropriate number of vehicle miles or flips. Approximations of the binomial law are commonly used to simplify computation.

The application of the binomial probability law to accident rates yields results that approximate observed experience. This procedure is widely used by the States to

identify hazardous sections of highway. It does not give precise results primarily because the probability of a fatality (or other event of interest) is not the same for every attempt that is made to drive a vehicle mile without an accident.

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

Because the volume of travel is different for each State, the magnitude of random variation is also different. To illustrate the effect of the differences, provisional ranges have been computed (Figure 7-A2). For each State, the observed 1990 fatality rate is related to a provisional range centered on 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 1990 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 probably 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. The 1990 fatality rates were about the same for California and Oklahoma. Yet, Oklahoma's rate was substantially lower than State rates observed for a similar travel density in the preceding 4-year period. California'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.

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

Other provisional range relationships, 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.

For every system, seldom the fatality rates observed in 1990 were above the provisional range based on 1986 through 1989 experience (Figure 7).

USING RATE-DENSITY RELATIONSHIPS

Rate-density curves may be regarded as provisional national norms for fatality rates. Figure 7-A1 on page 62 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 2.5 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 63. 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 probably results from something other than random variation. Possible causes include effective safety programs, hazardous highways, inconsistent data, and other factors.

The illustrations that make up Figure 7 may be used to answer questions such as:

1. Where can successful safety programs be found?

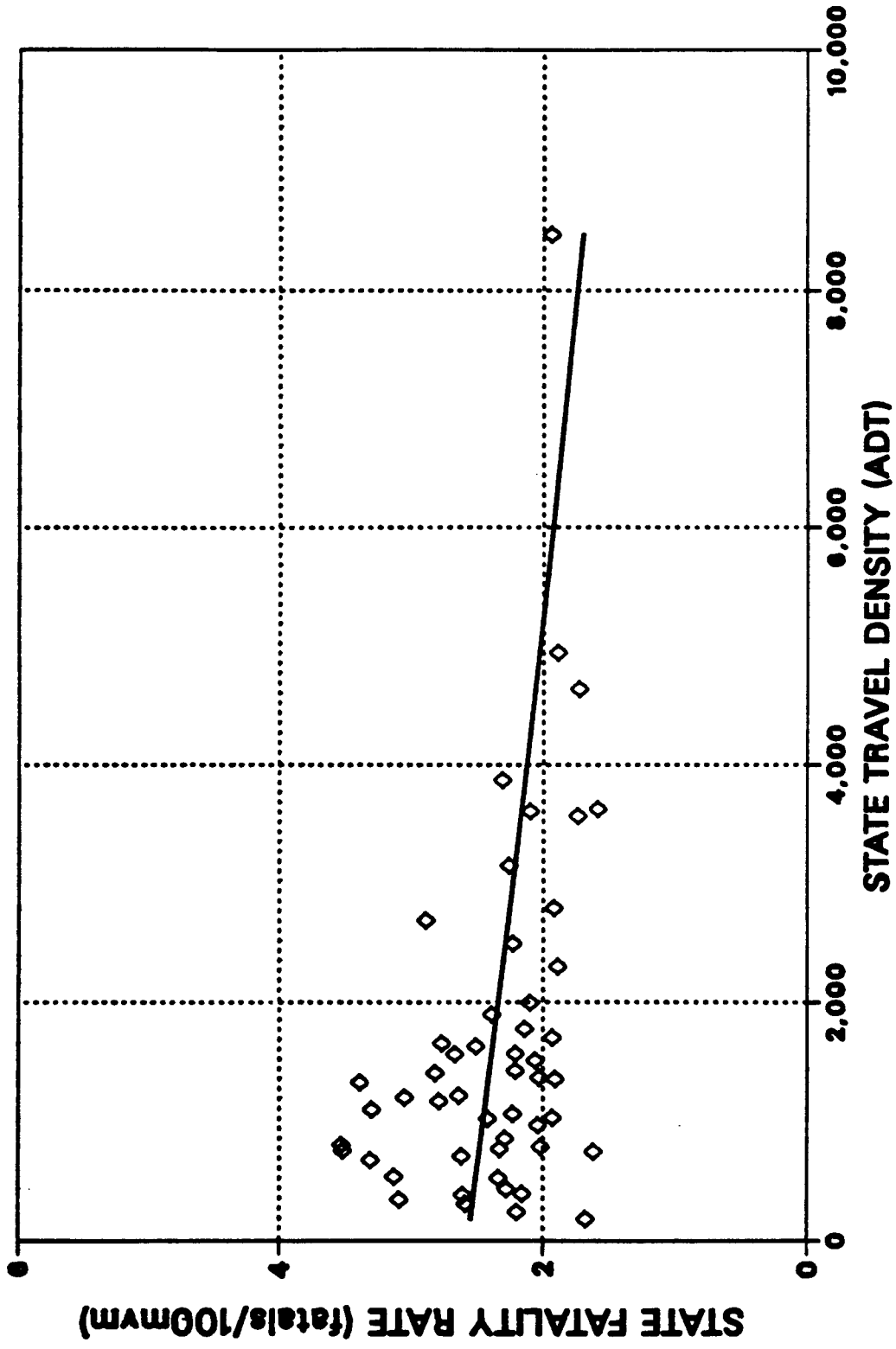
States in which the 1990 fatality rate is to the left of the provisional range are most likely to have successful safety programs. See Figures 7-A2, 7-B2, etc.

2. Are safety programs in a particular state more successful on some systems than on others?

Safety programs are likely to be more successful on highway systems in which the 1990 fatality rate is to the left of the provisional range. See Figures 7-C2, 7-D2, etc.

3. Where, in a particular State, is the greatest potential for the improvement of safety programs?

The greatest potential for reduction of traffic deaths in a State is likely to be on highway systems in which the 1990 fatality rate is to the right of the provisional range. See Figures 7-C2, 7-D2, etc.



**Fig. 7-A1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
ALL HIGHWAYS**

FATALITIES PER 100 MILLION VEHICLE MILES

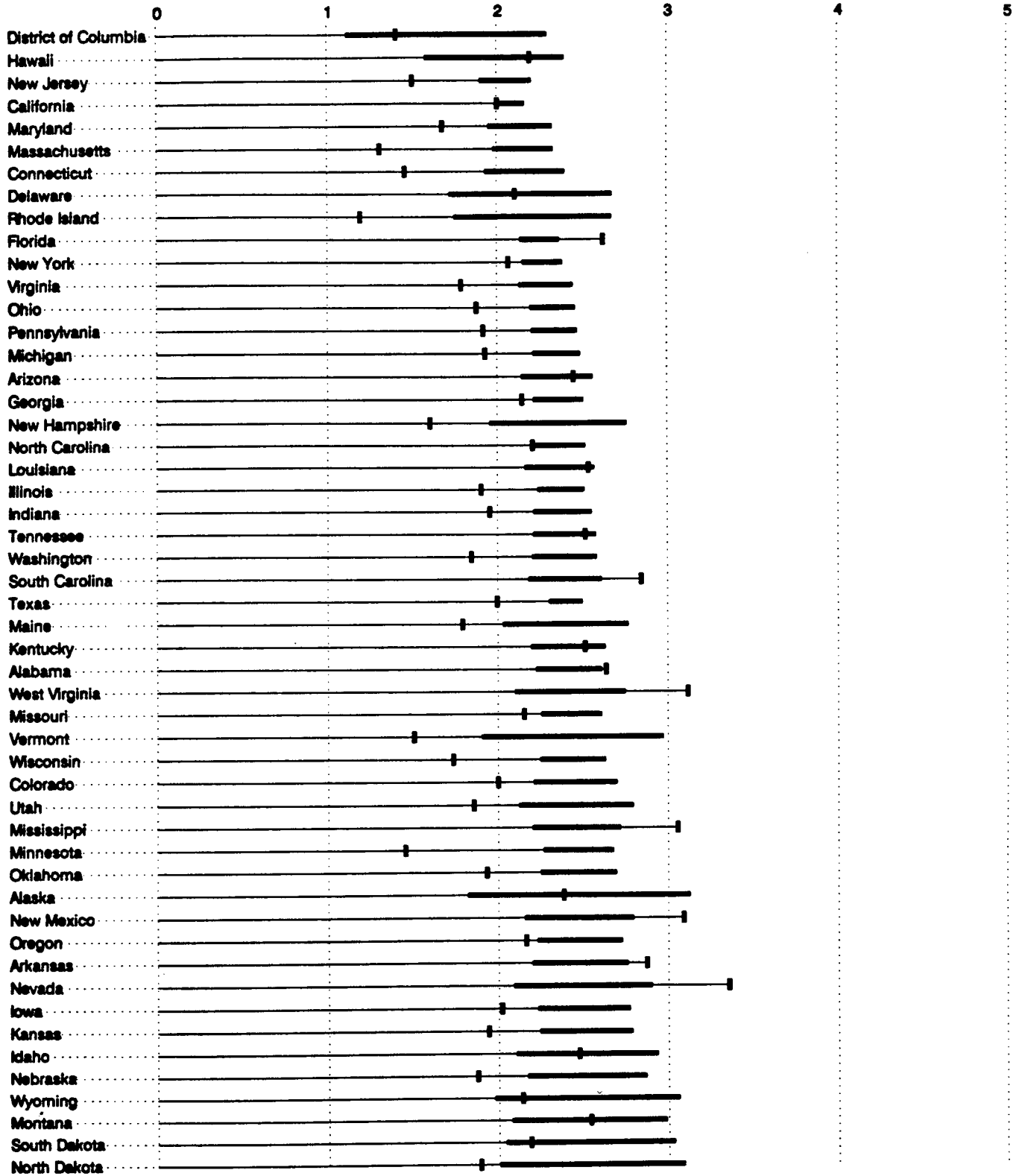
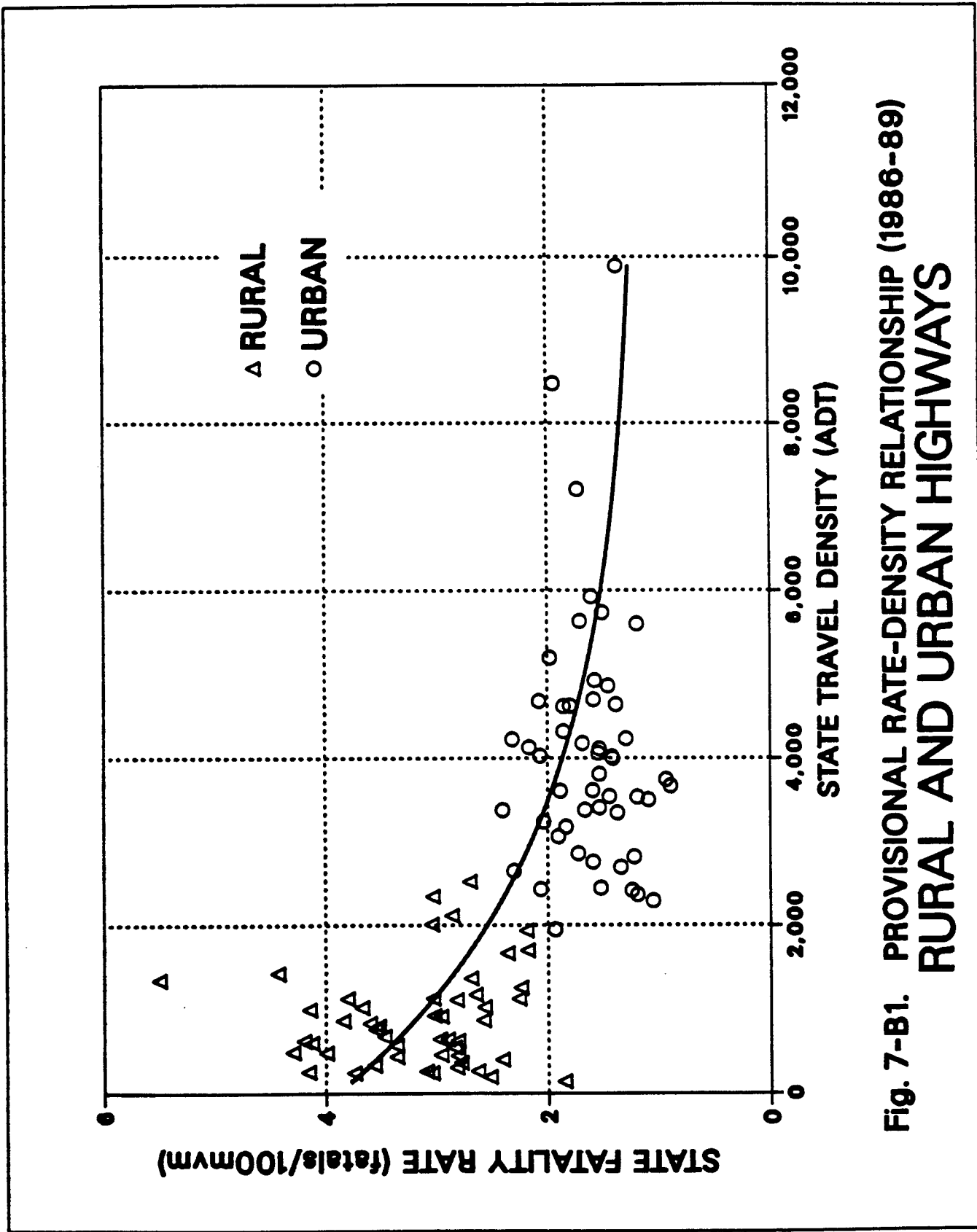


Figure 7-A2 FATALITY RATE BY STATE - ALL HIGHWAYS (1990)



**Fig. 7-B1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
RURAL AND URBAN HIGHWAYS**

FATALITIES PER 100 MILLION VEHICLE MILES

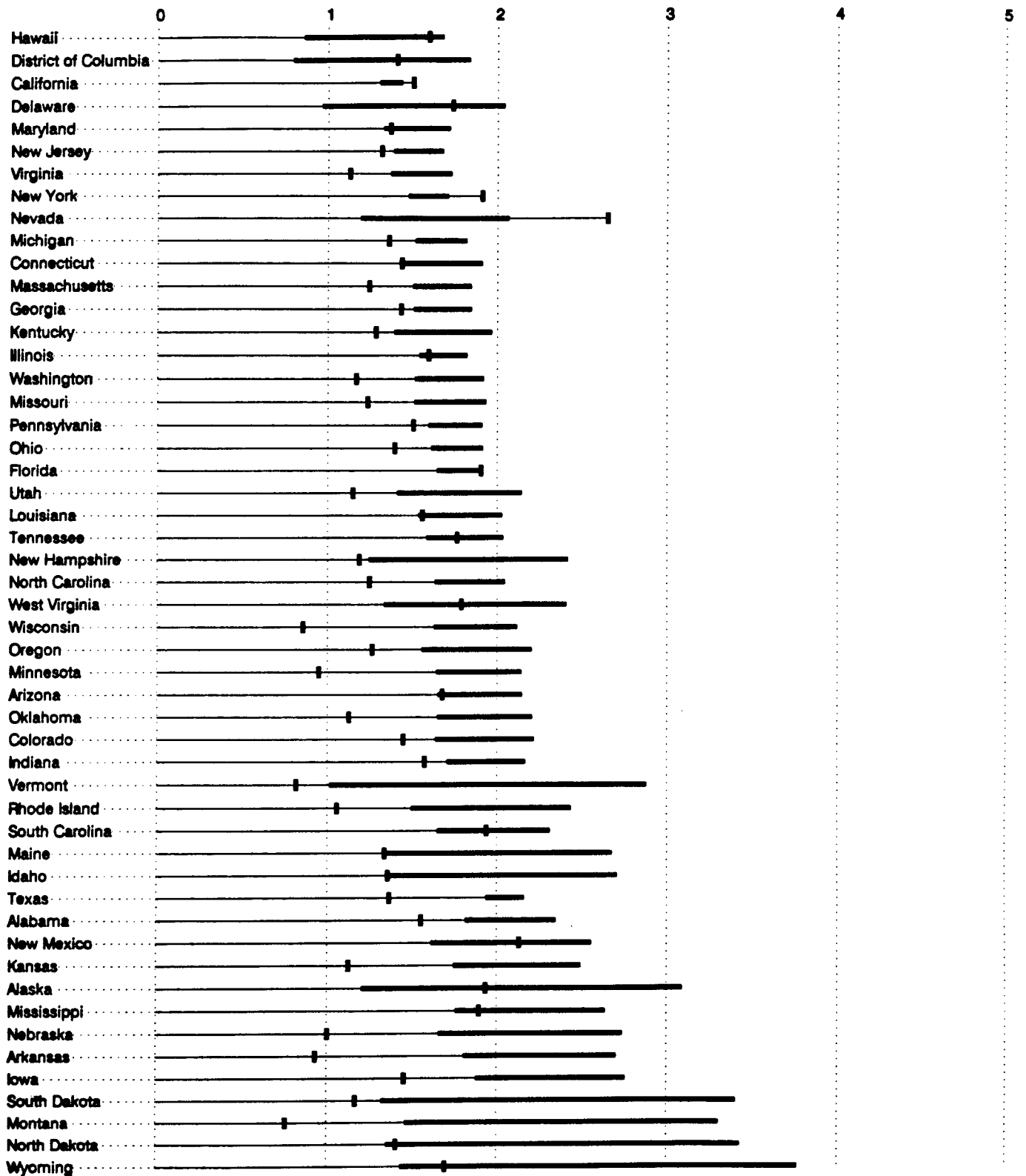


Figure 7-B2b FATALITY RATE BY STATE - ALL URBAN HIGHWAYS (1990)

FATALITIES PER 100 MILLION VEHICLE MILES

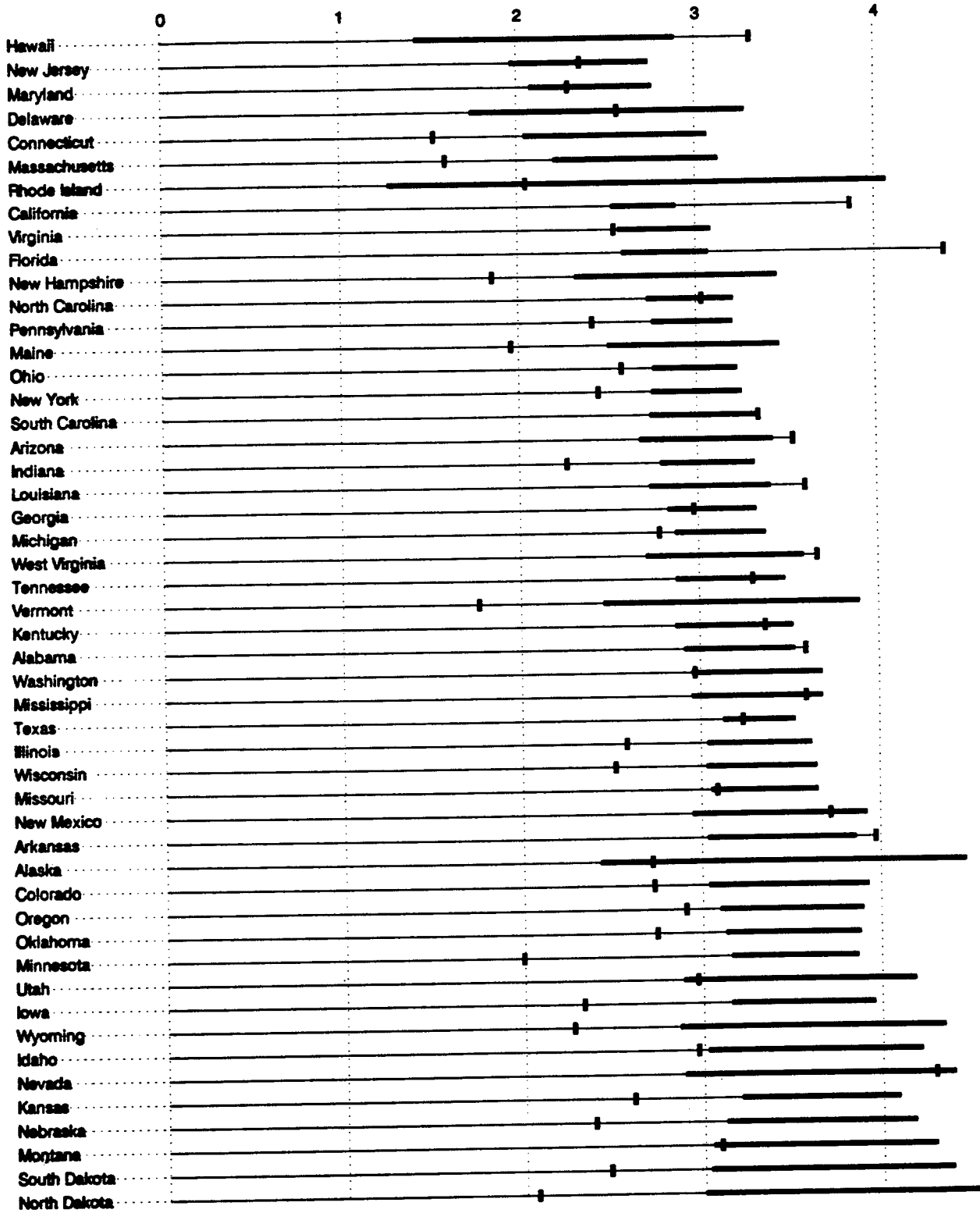
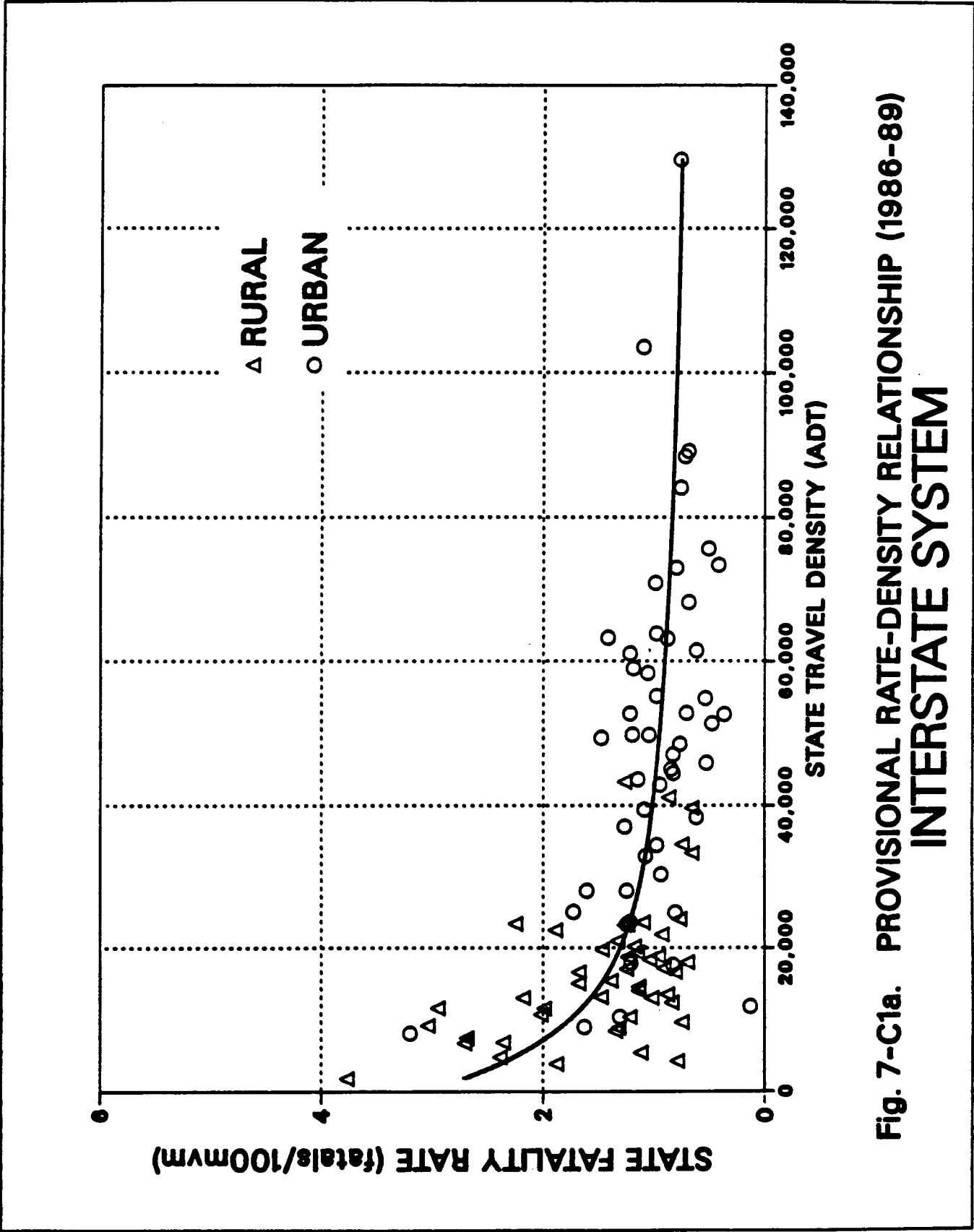
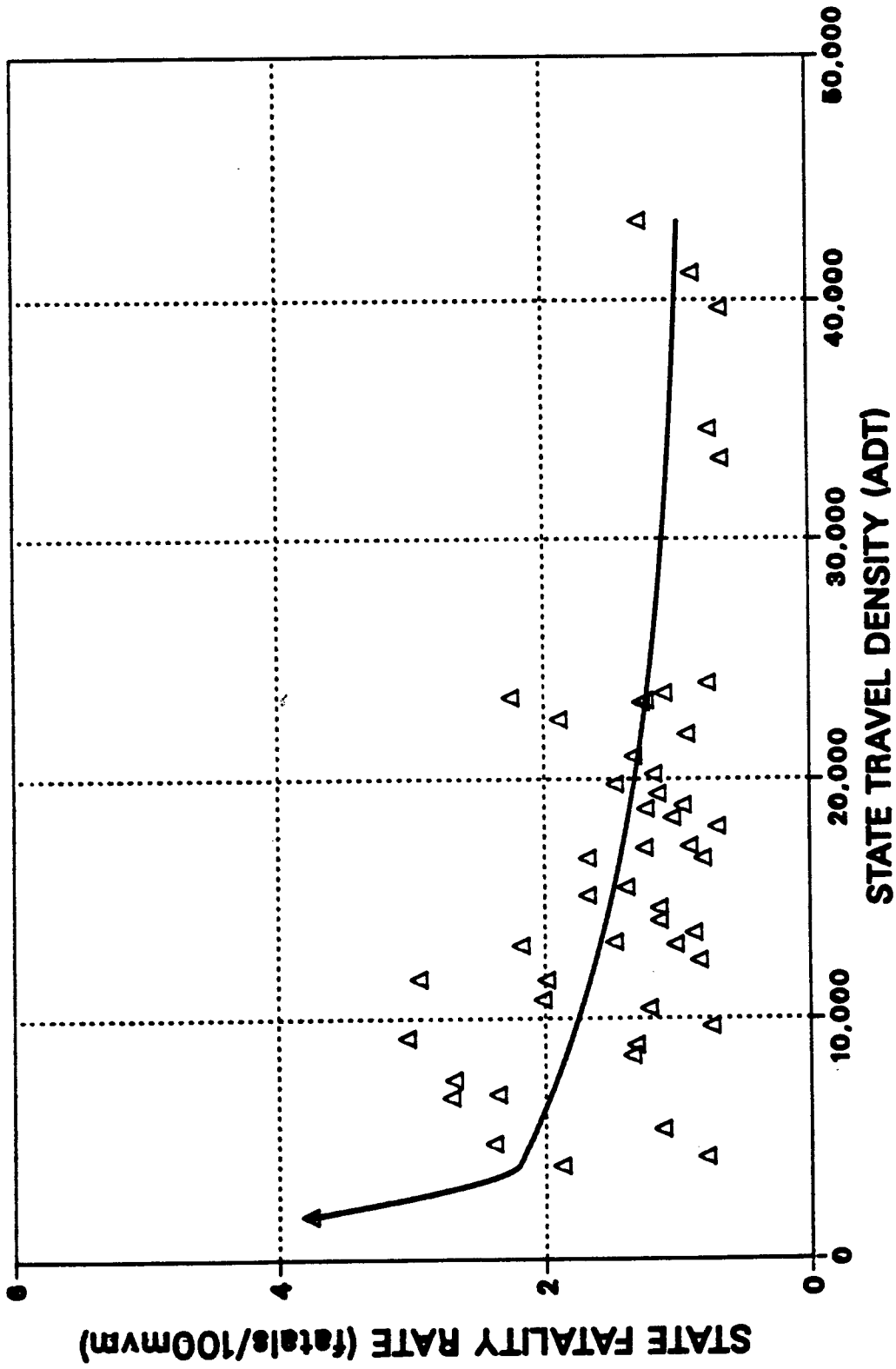


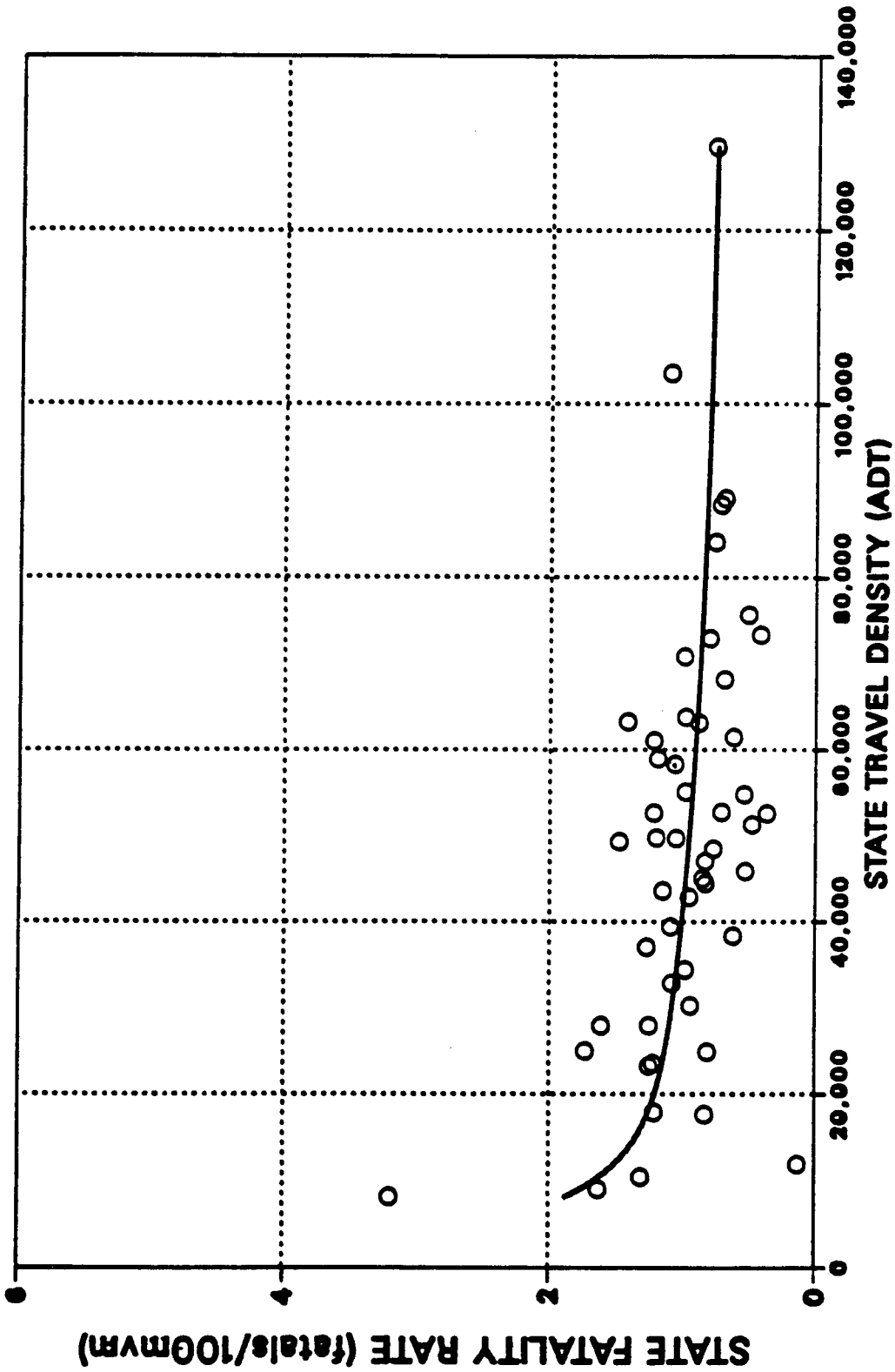
Figure 7-B2a FATALITY RATE BY STATE - ALL RURAL HIGHWAYS (1990)



**Fig. 7-C1a. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
INTERSTATE SYSTEM**



**Fig. 7-C1b. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
RURAL INTERSTATE SYSTEM**



**Fig. 7-C1c. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
URBAN INTERSTATE SYSTEM**

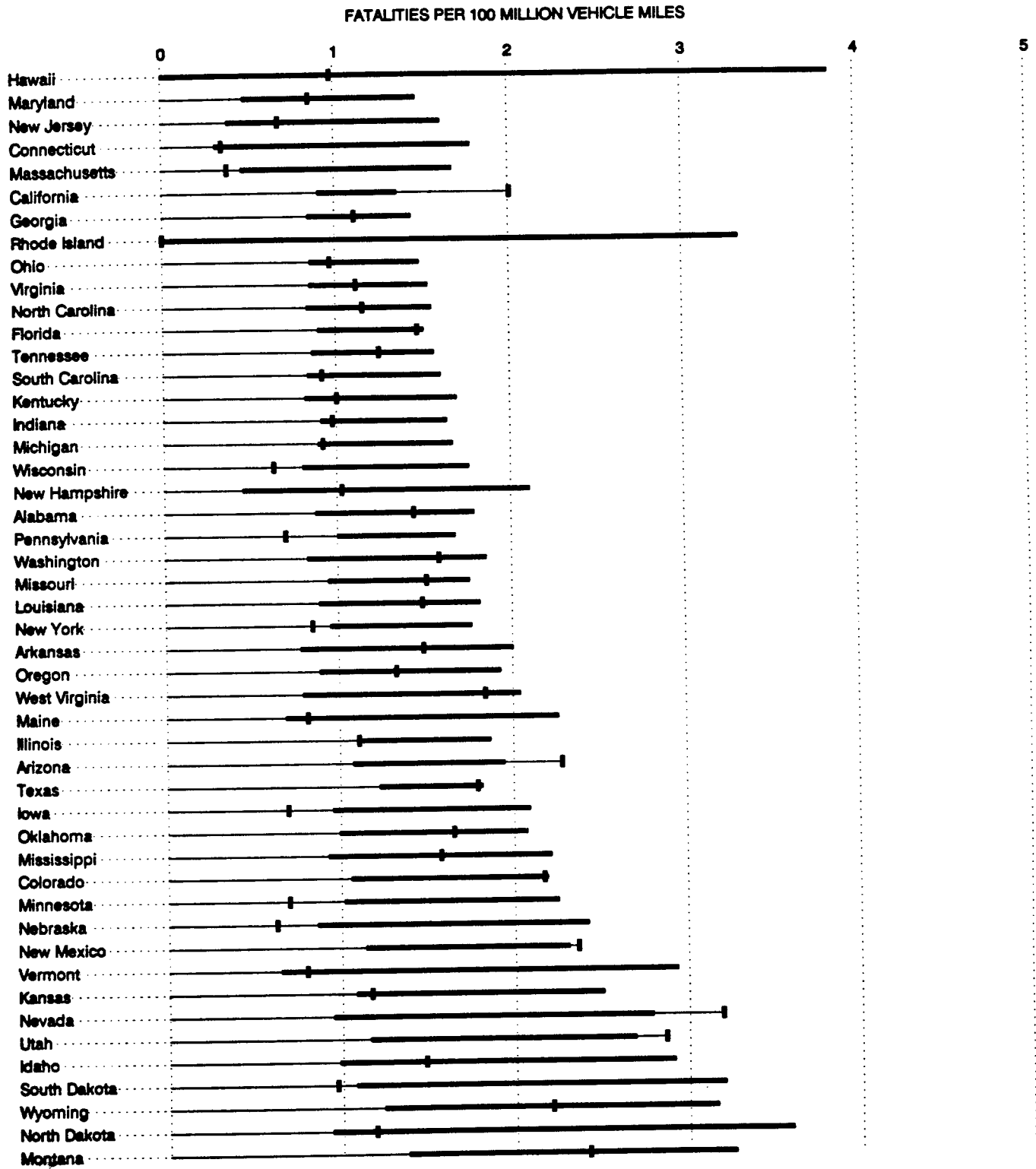


Figure 7-C2a FATALITY RATE BY STATE - RURAL INTERSTATE HIGHWAYS (1990)

FATALITIES PER 100 MILLION VEHICLE MILES

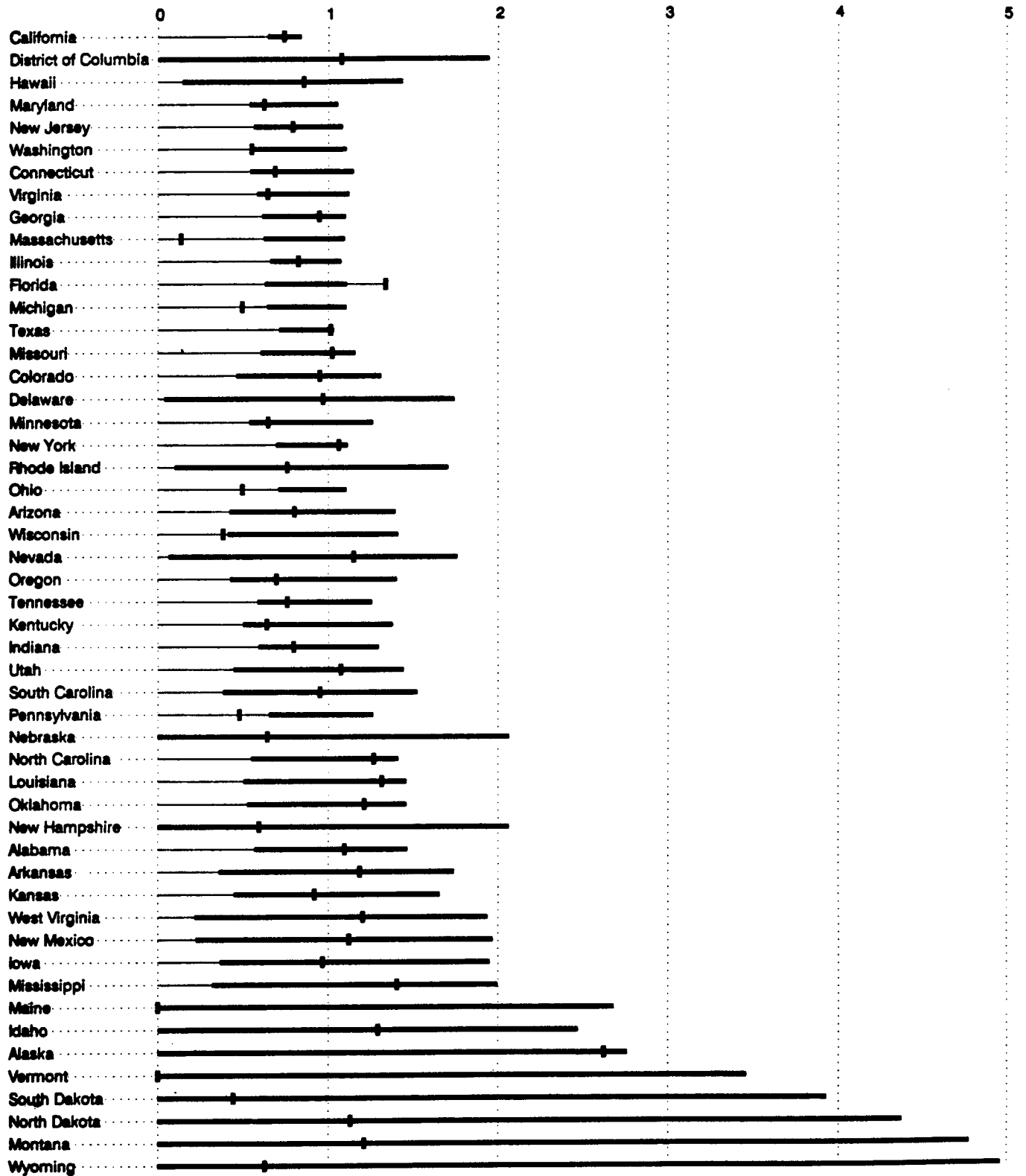
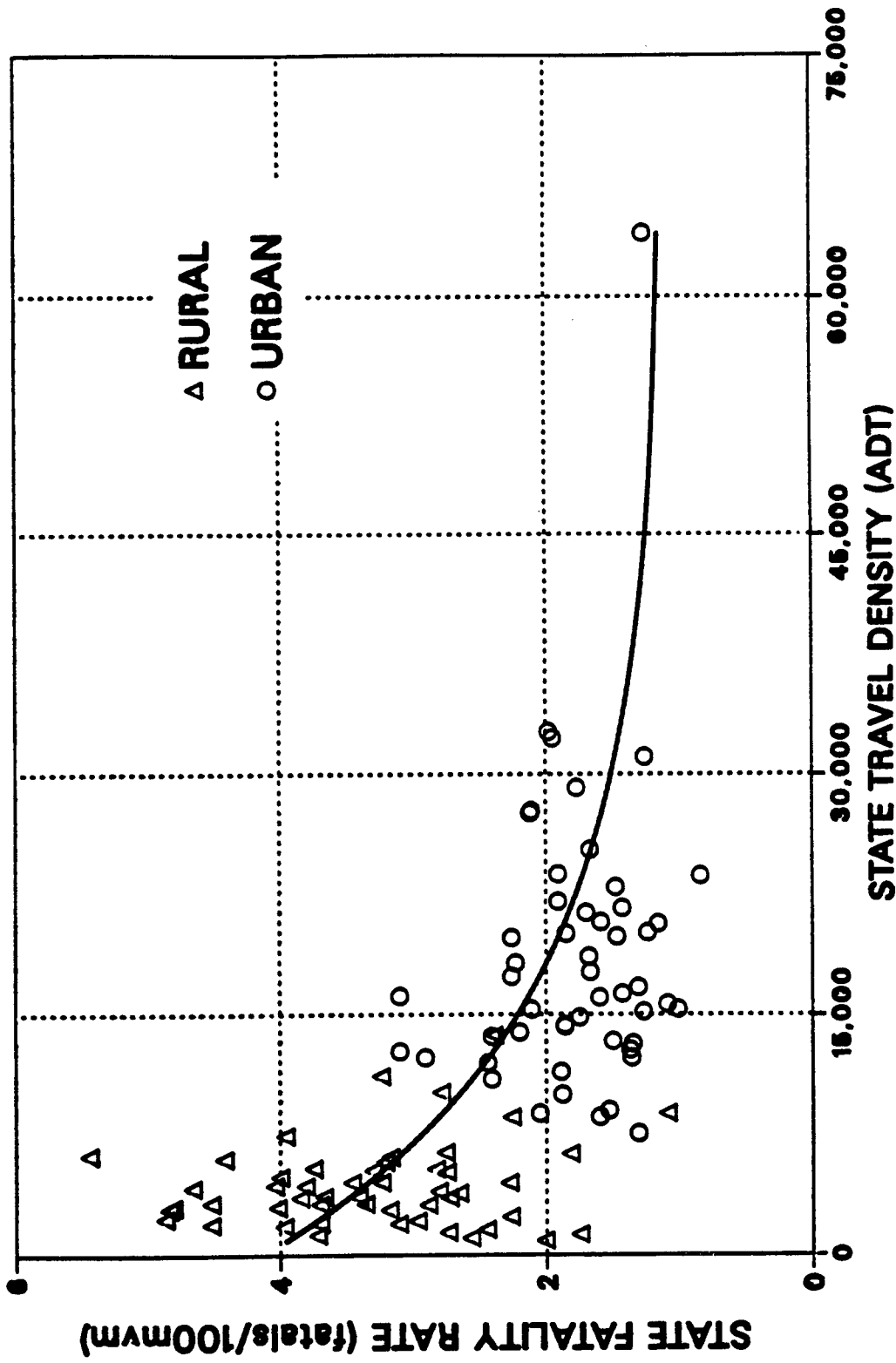


Figure 7-C2b FATALITY RATE BY STATE - URBAN INTERSTATE HIGHWAYS (1990)



**Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
OTHER FEDERAL-AID PRIMARY HIGHWAYS**

FATALITIES PER 100 MILLION VEHICLE MILES

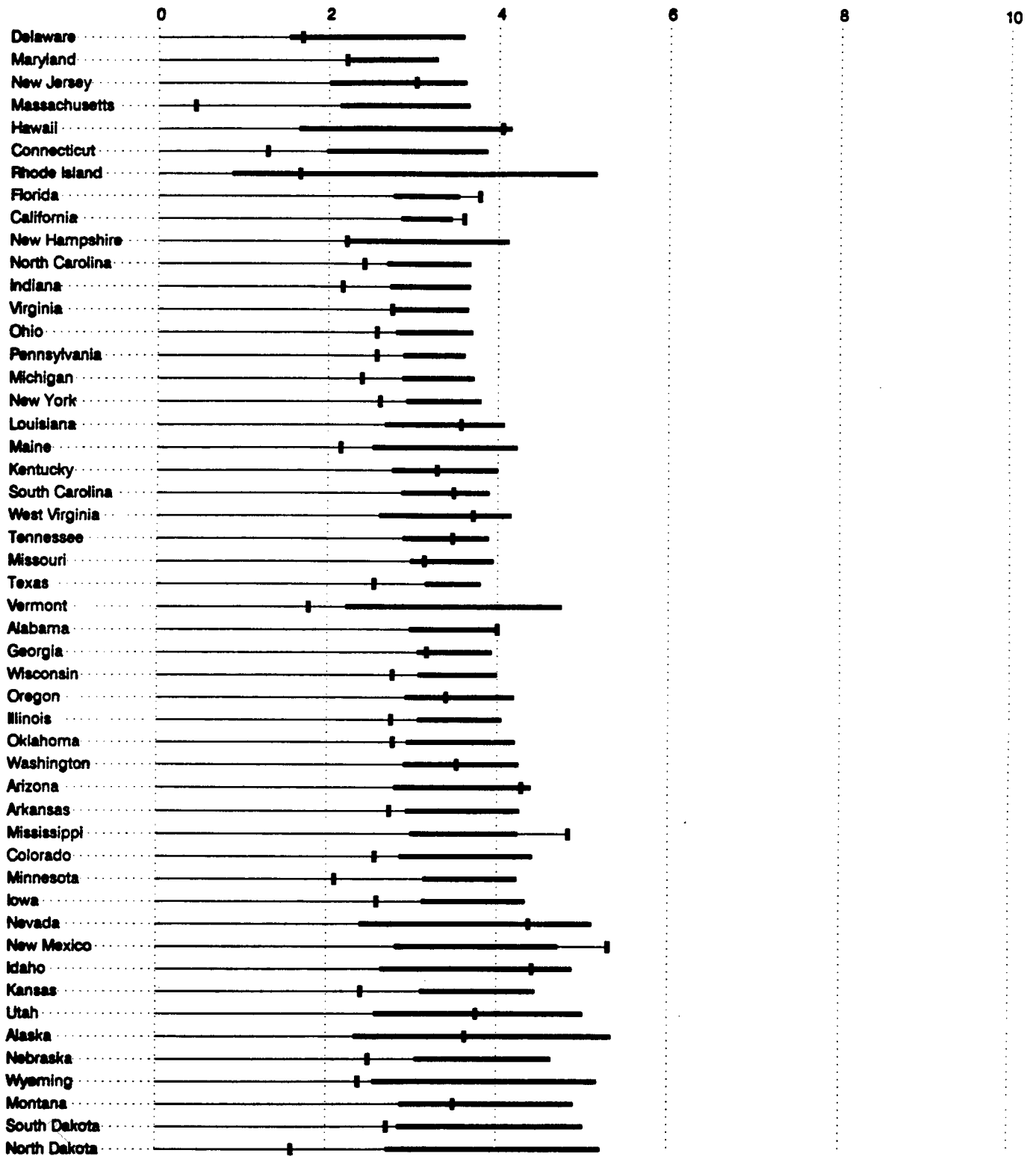


Figure 7-D2a FATALITY RATE BY STATE - OTHER RURAL FEDERAL-AID PRIMARY HIGHWAYS (1990)

FATALITIES PER 100 MILLION VEHICLE MILES

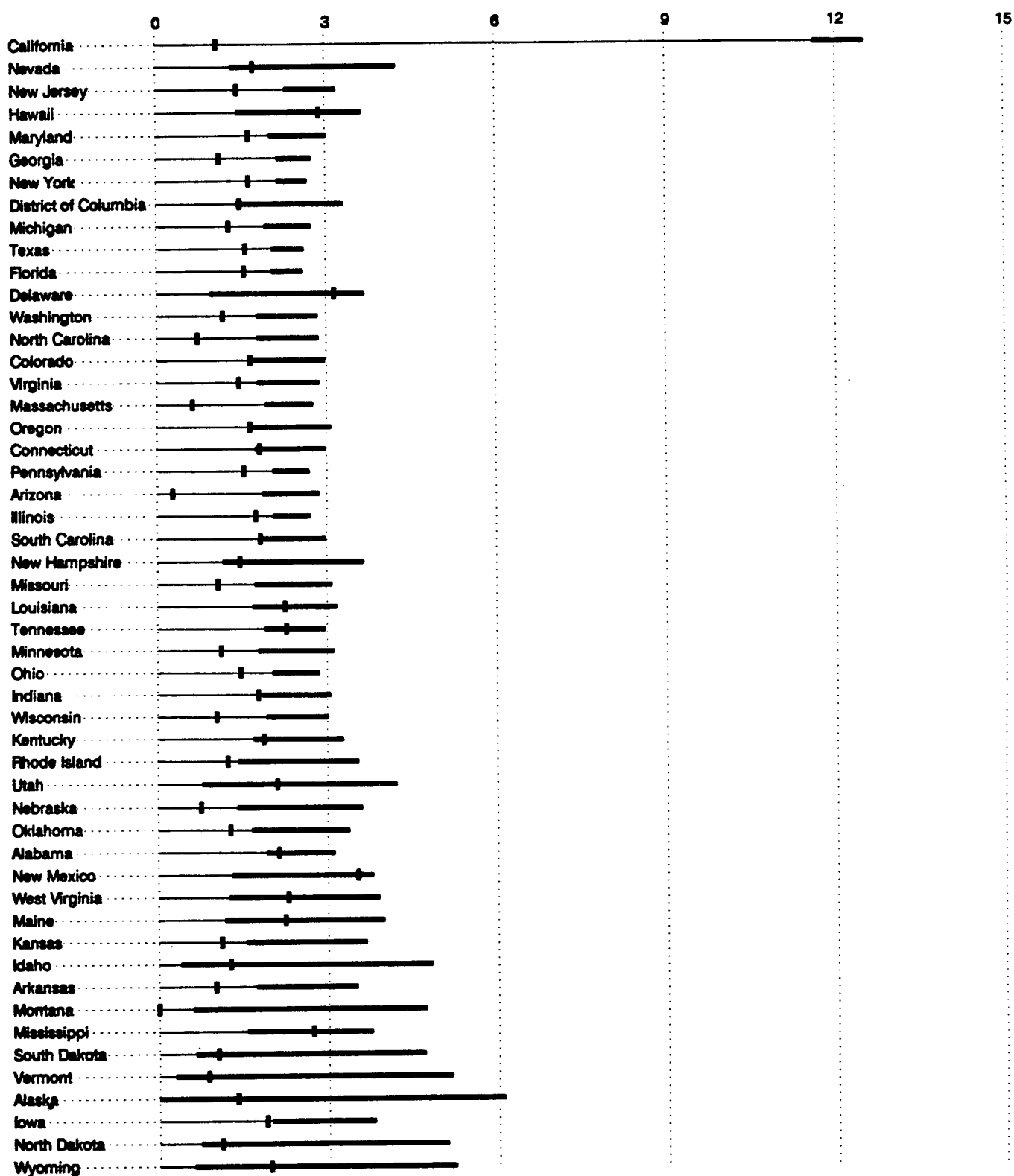
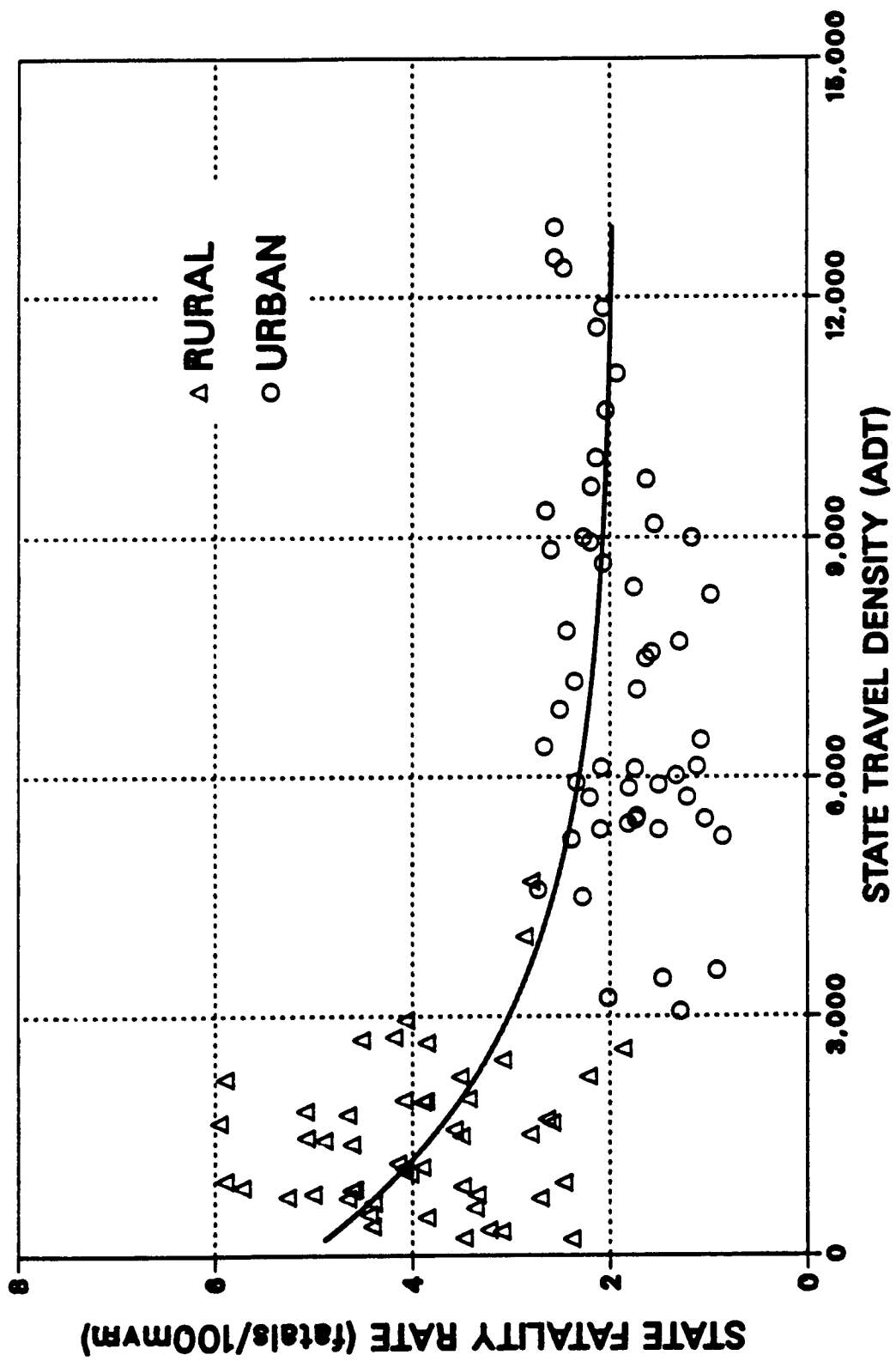


Figure 7-D2b FATALITY RATE BY STATE - OTHER URBAN FEDERAL-AID PRIMARY HIGHWAYS (1990)



**Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
FEDERAL-AID SECONDARY AND URBAN SYSTEMS**

FATALITIES PER 100 MILLION VEHICLE MILES

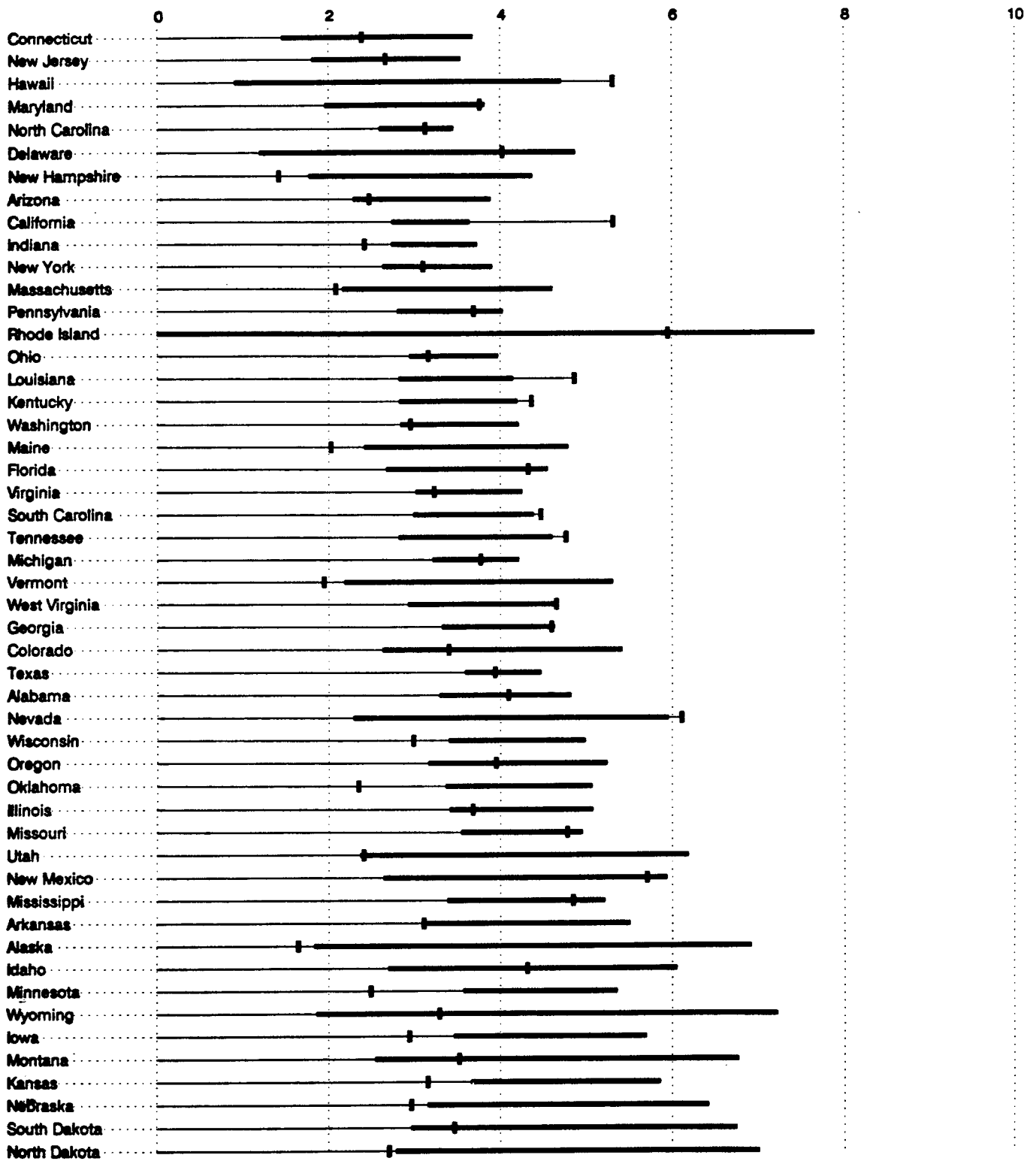


Figure 7-E2a FATALITY RATE BY STATE - FEDERAL-AID SECONDARY HIGHWAYS (1990)

FATALITIES PER 100 MILLION VEHICLE MILES

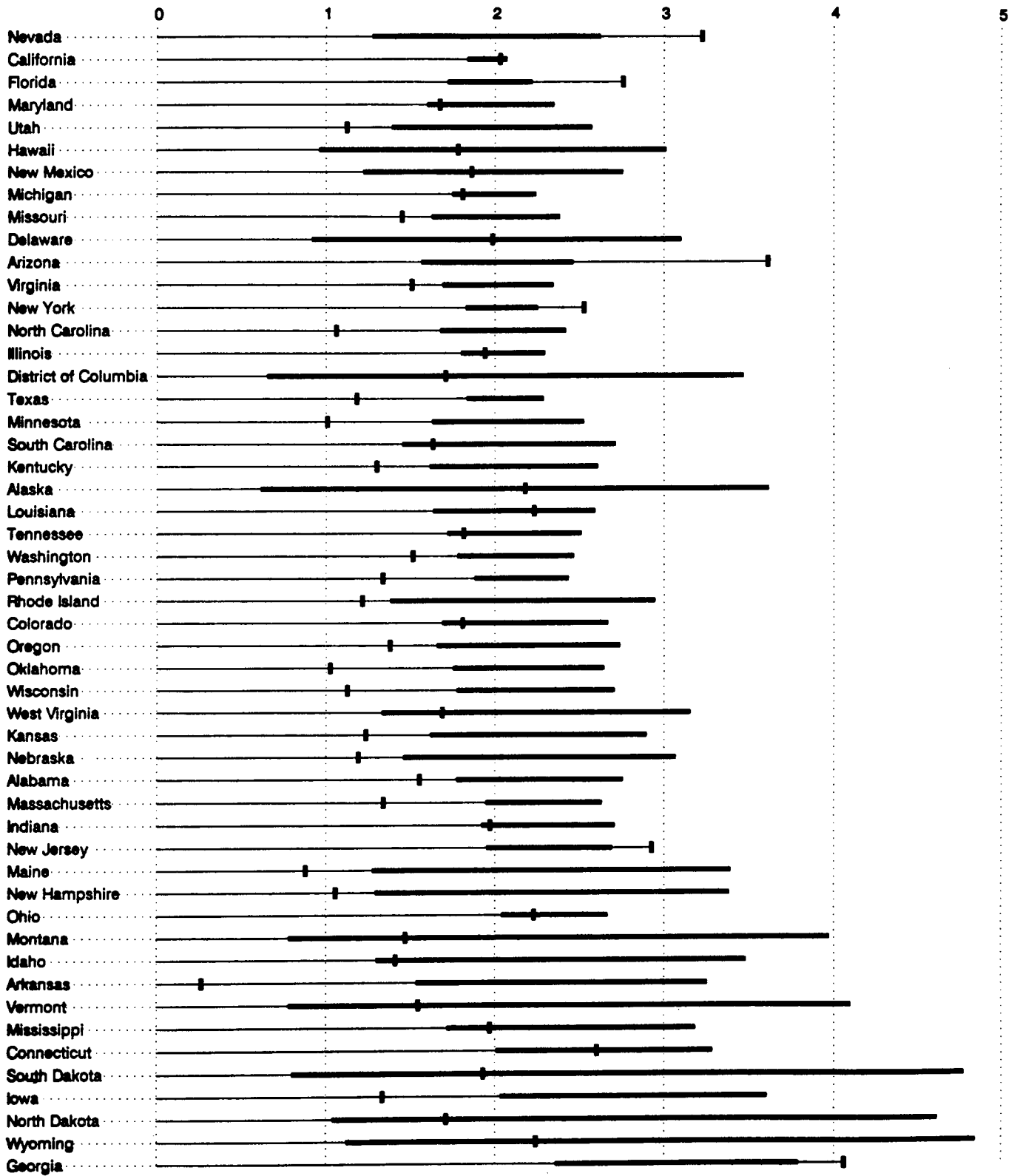
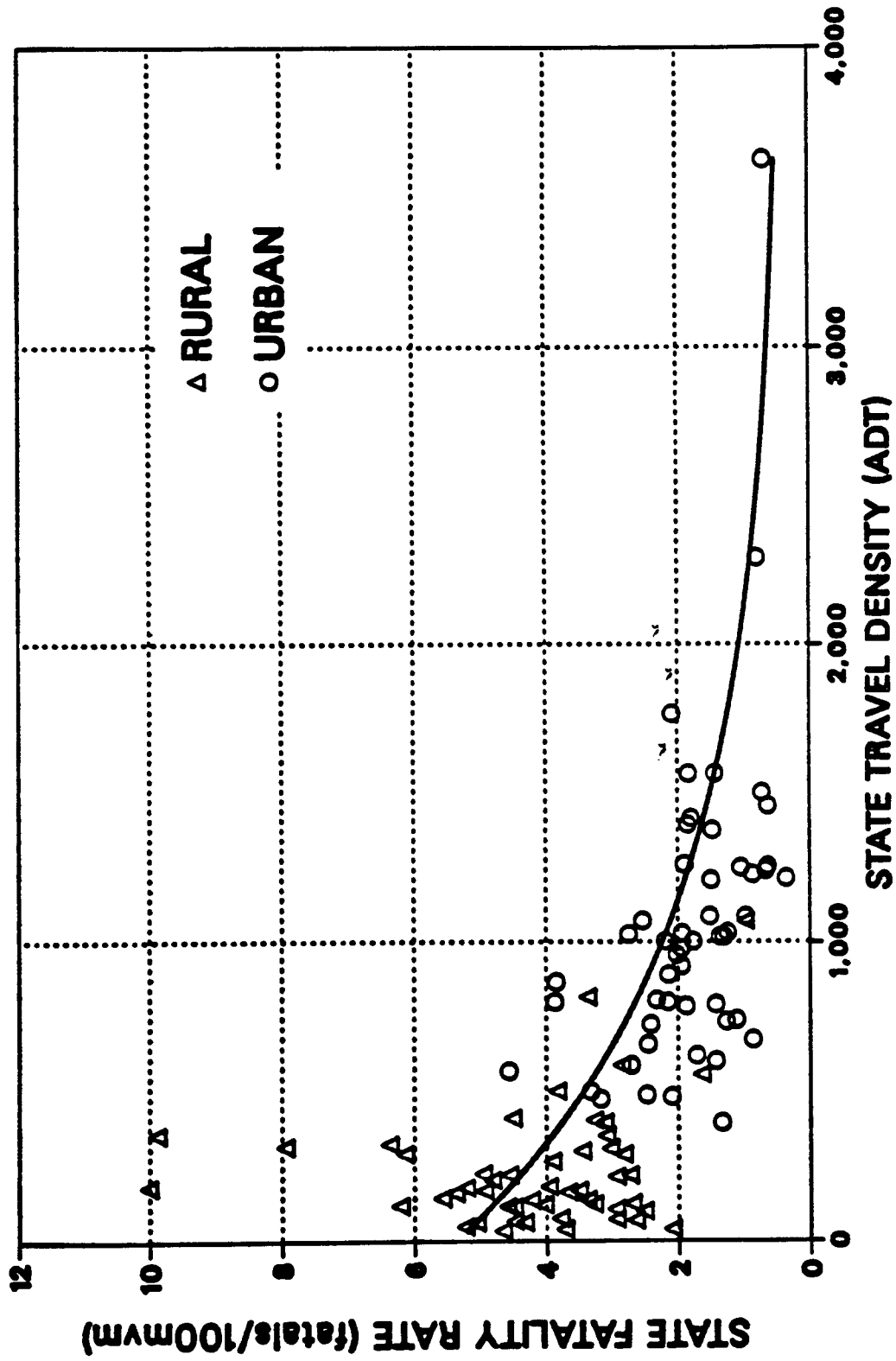


Figure 7-E2b FATALITY RATE BY STATE - FEDERAL-AID URBAN SYSTEM HIGHWAYS (1990)



**Fig. 7-F1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1986-89)
NON-FEDERAL-AID HIGHWAYS**

FATALITIES PER 100 MILLION VEHICLE MILES

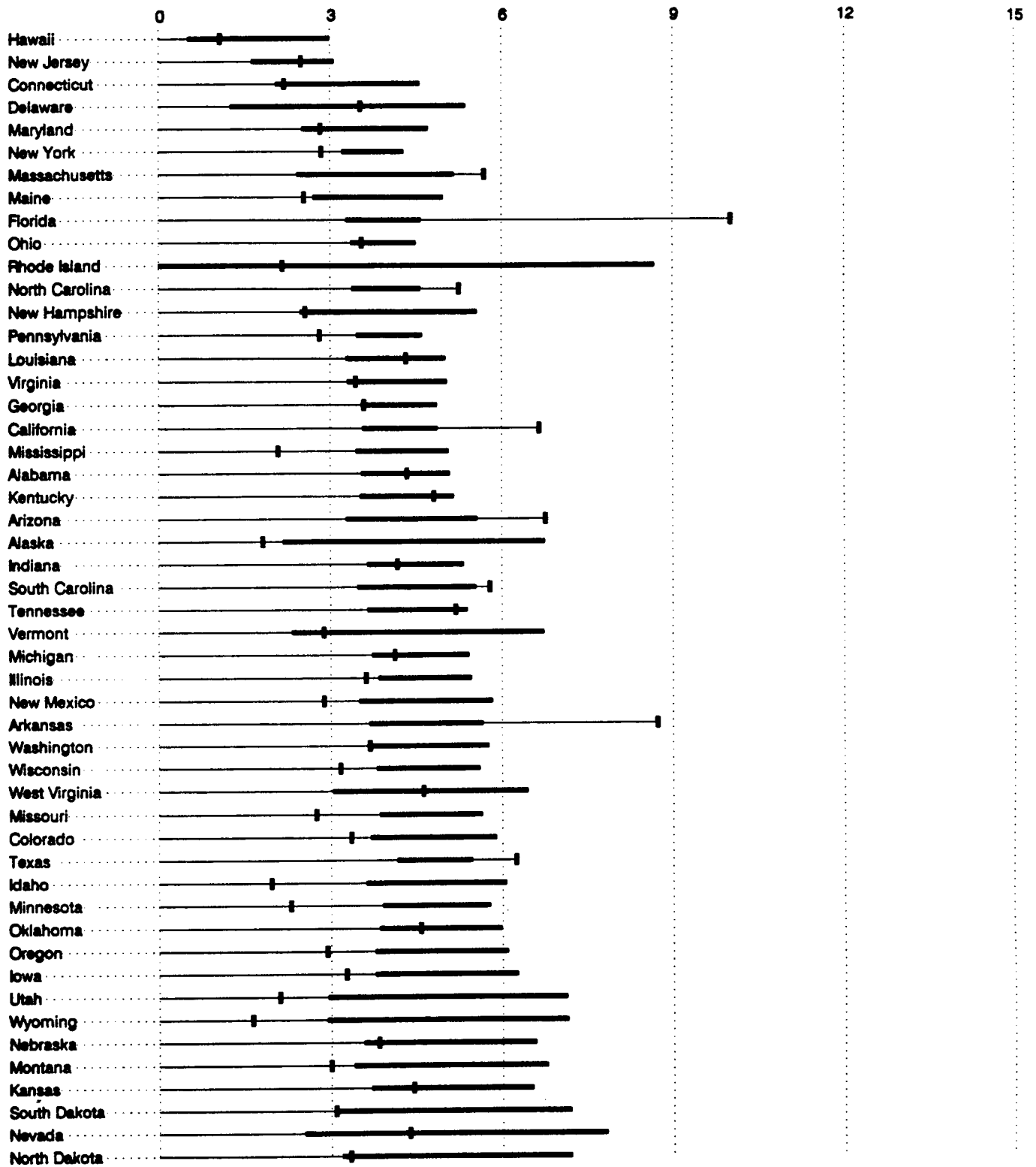


Figure 7-F2a FATALITY RATE BY STATE - RURAL NON-FEDERAL-AID HIGHWAYS (1990)

FATALITIES PER 100 MILLION VEHICLE MILES

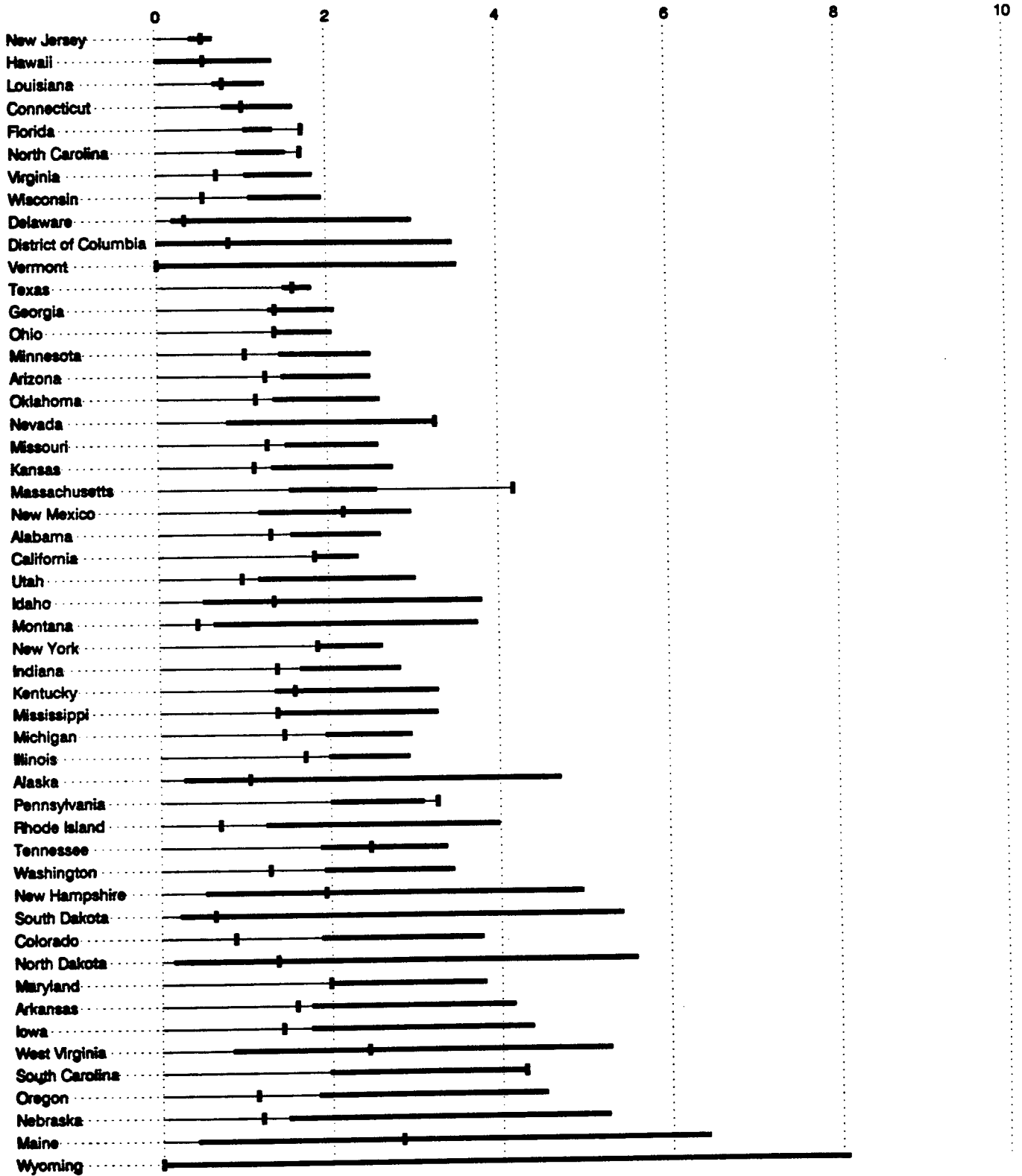


Figure 7-F2b FATALITY RATE BY STATE - URBAN NON-FEDERAL-AID HIGHWAYS (1990)

SECTION VI - STATE FATALITY RATE TRENDS

Knowing the fatality rate trend within a State is sometimes more useful than knowing how that State compares with others. Figure 8 illustrates changes in State rates over the 5-year period from 1986 through 1990. The provisional range for each of the 5 years is based on the provisional rate-density curve for the 4-year period preceding each year. This is a change from the way the provisional ranges were presented in this series of reports for Figure 8 since the 1982-1987 reports.

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. Figure 8 should not be used to compare the magnitude of fatality rates in different States.

While Kansas demonstrates decreasing fatality rates throughout the 5-year period, other States report little improvement since 1986. In more than half the States, the rate reported for 1990 is lower than the rates for the preceding year. Eight States had a 1990 fatality rate above the provisional range. By comparison, the lowest number of States reporting rates above the provisional range occurred in 1985 when the number of States was five.

Figure 8 may be used to answer questions such as:

1. Are the fatality rates in a State improving?

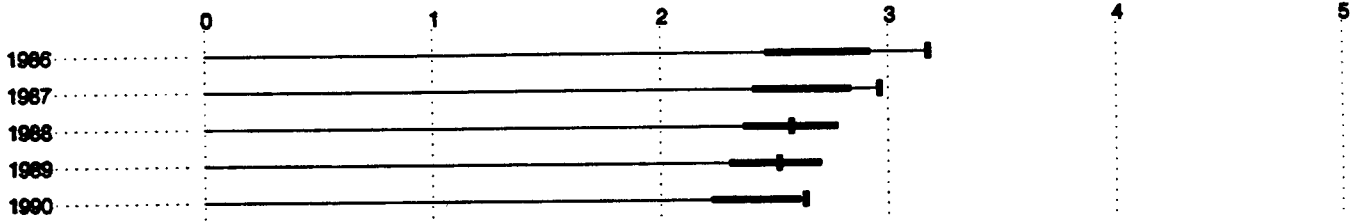
Most States show steadily improving fatality rates. A few do not. See pages 82-92.

2. How have fatality rates in a particular State compared with those in the rest of the United States over the past five years?

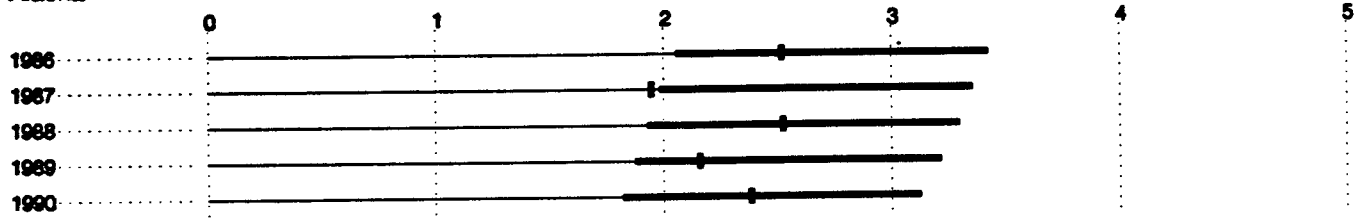
A fatality rate to the left of the provisional range indicates that the State fatality rate is significantly below the 1986-1989 national experience for States with similar travel density. A fatality rate to the right of the provisional range is significantly above such national experience. See pages 82-92.

FATALITIES PER 100 MILLION VEHICLE MILES

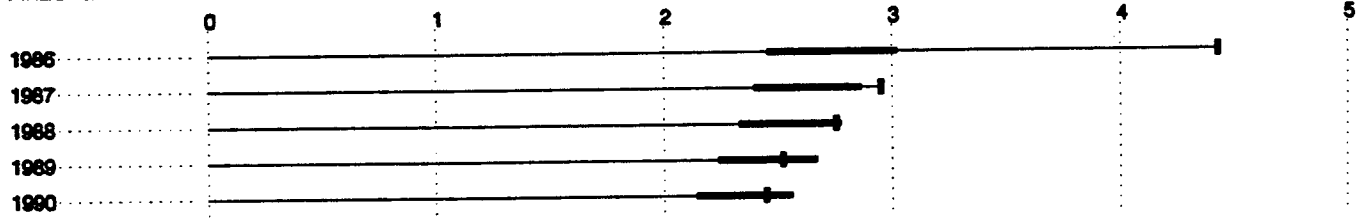
Alabama



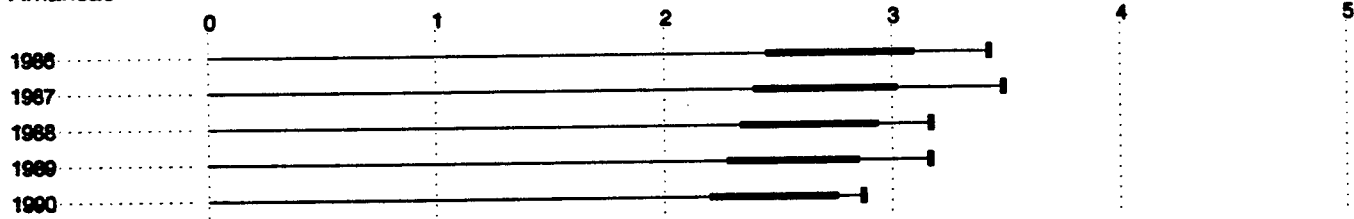
Alaska



Arizona



Arkansas



California

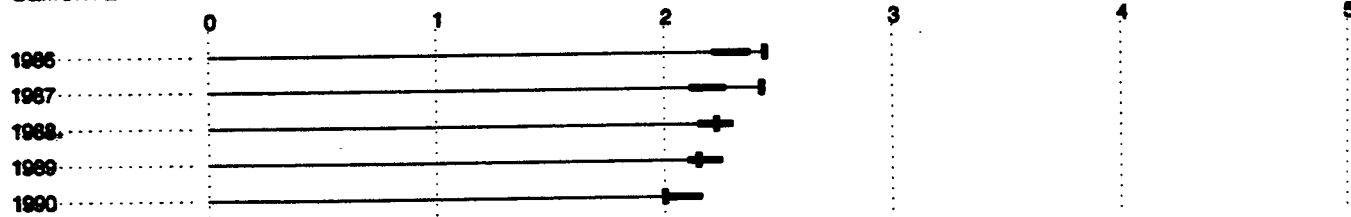
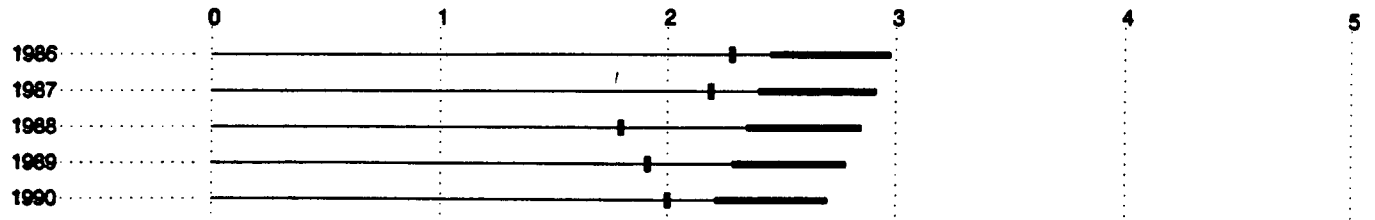


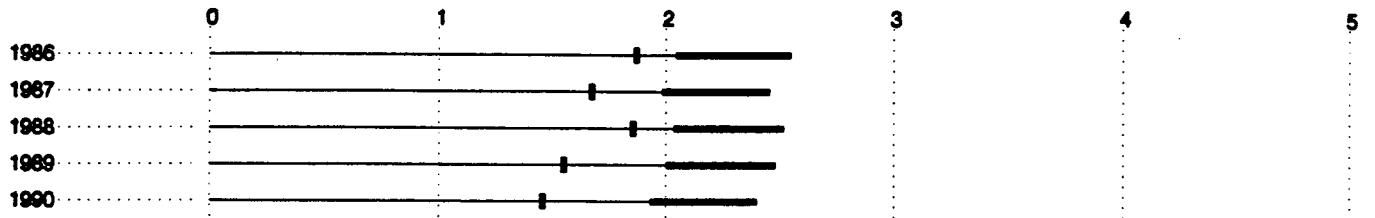
Figure 8 FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

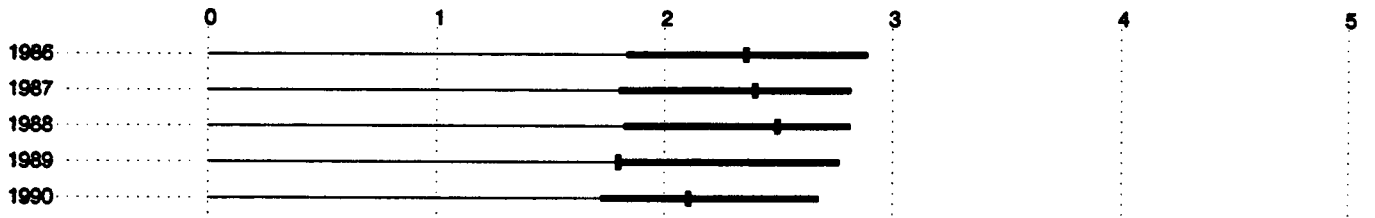
Colorado



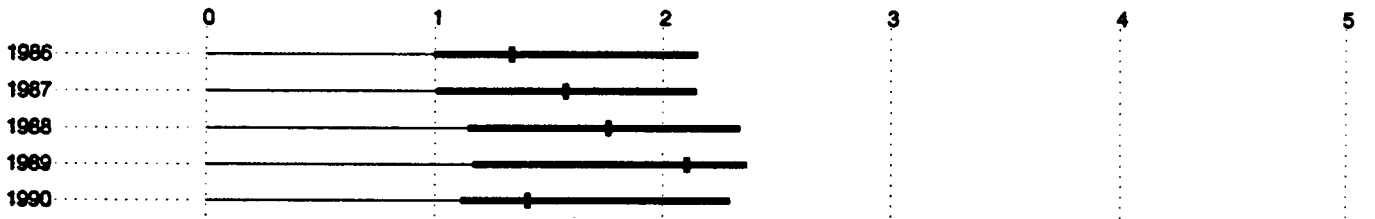
Connecticut



Delaware



District of Columbia



Florida

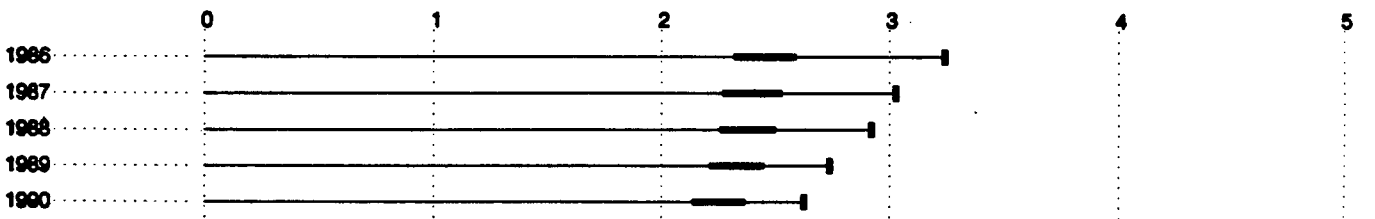
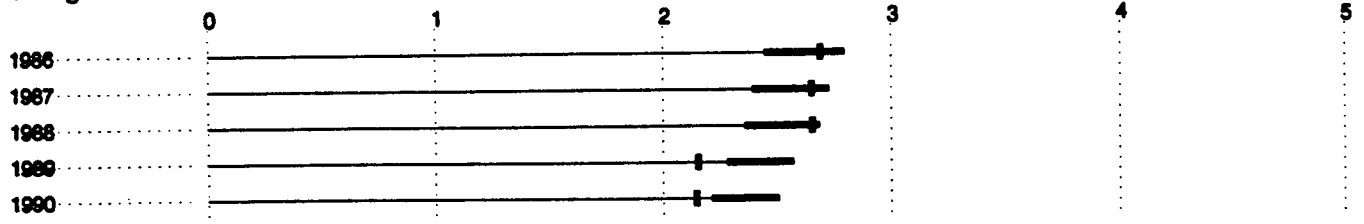


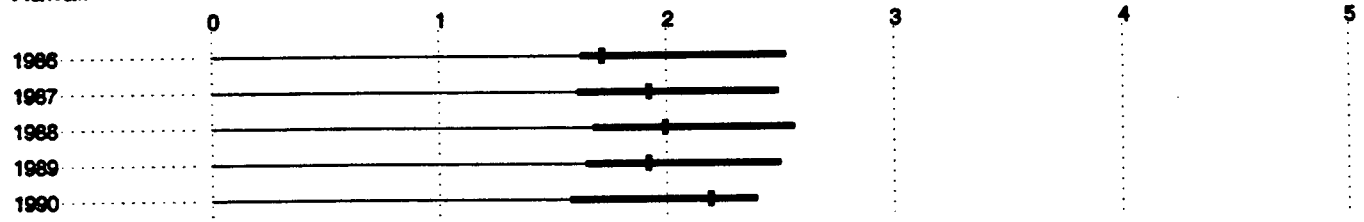
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

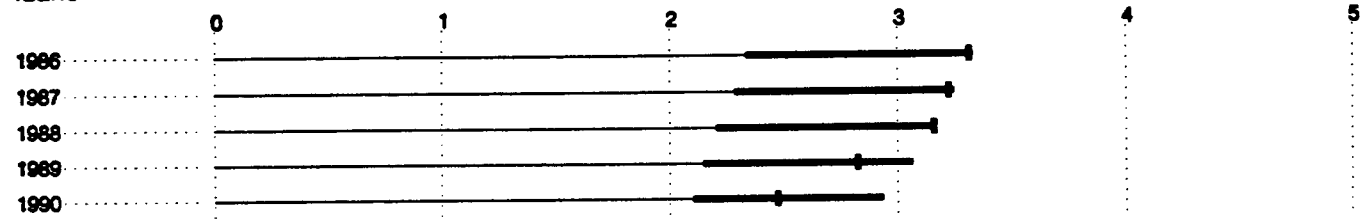
Georgia



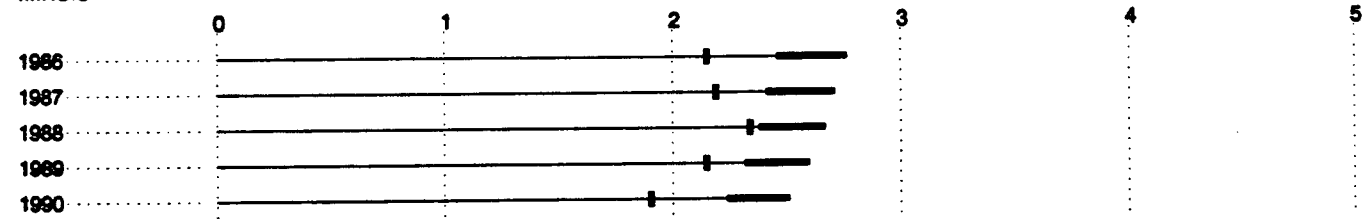
Hawaii



Idaho



Illinois



Indiana

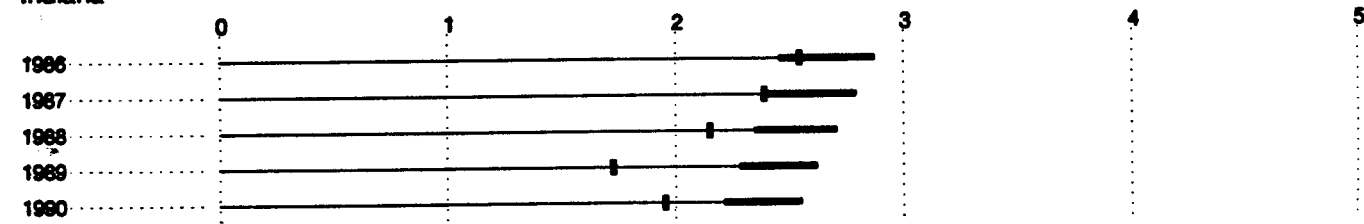
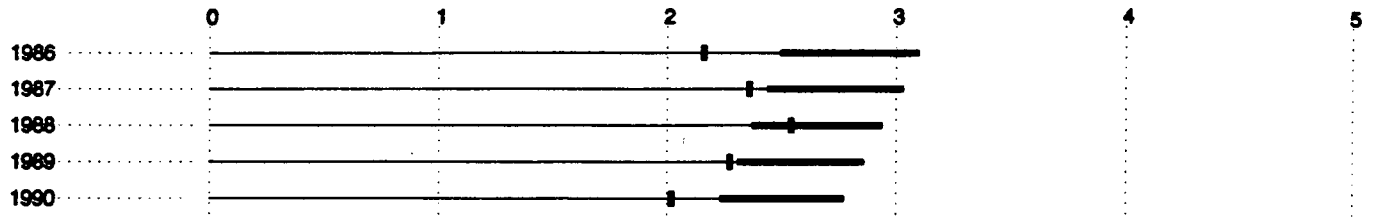


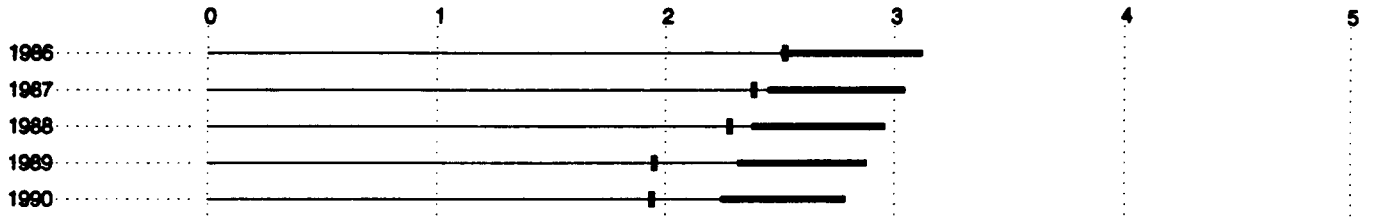
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

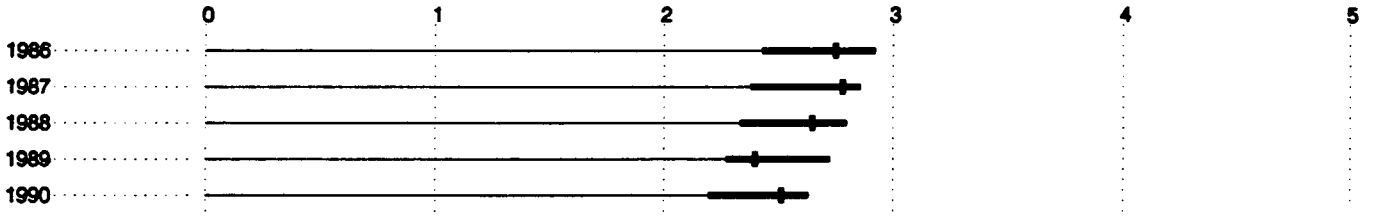
Iowa



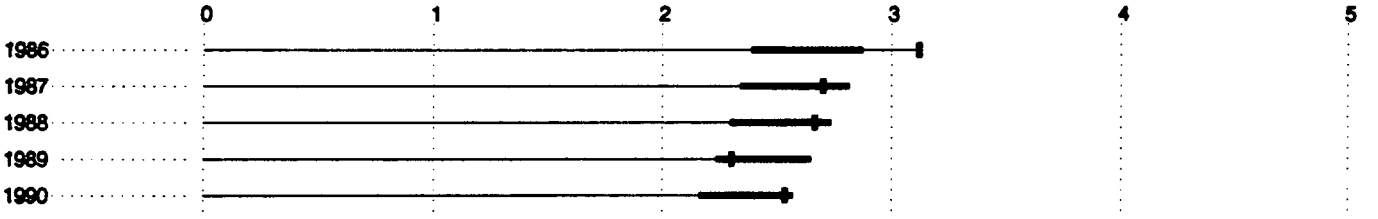
Kansas



Kentucky



Louisiana



Maine

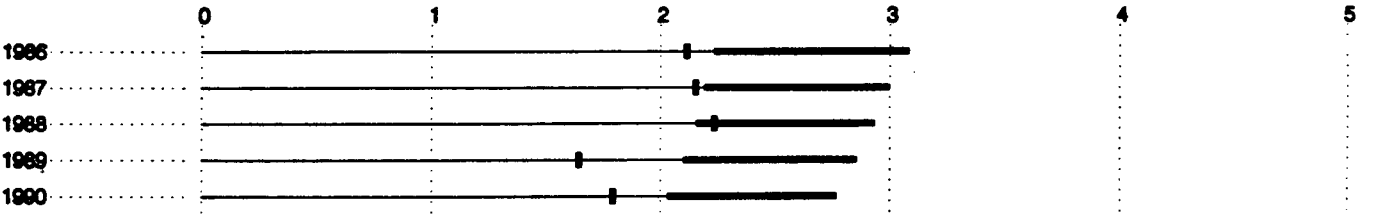
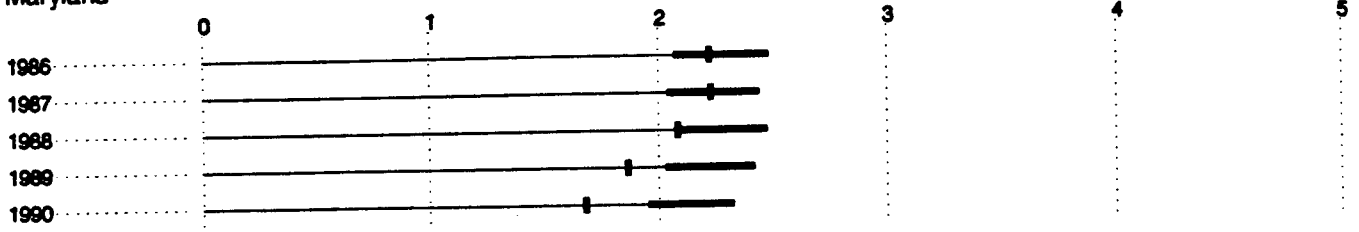


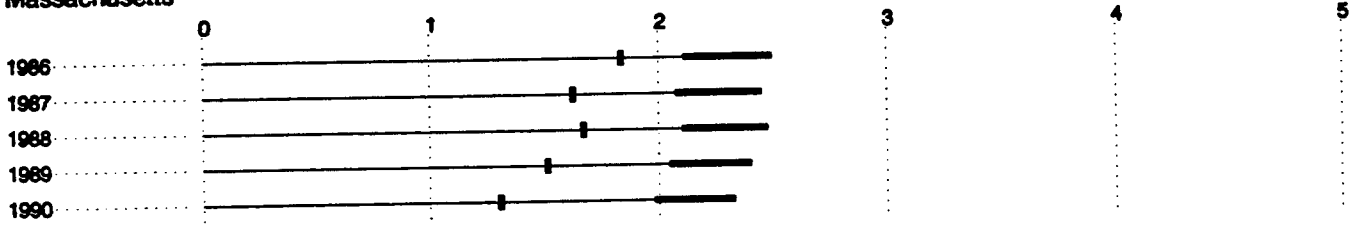
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

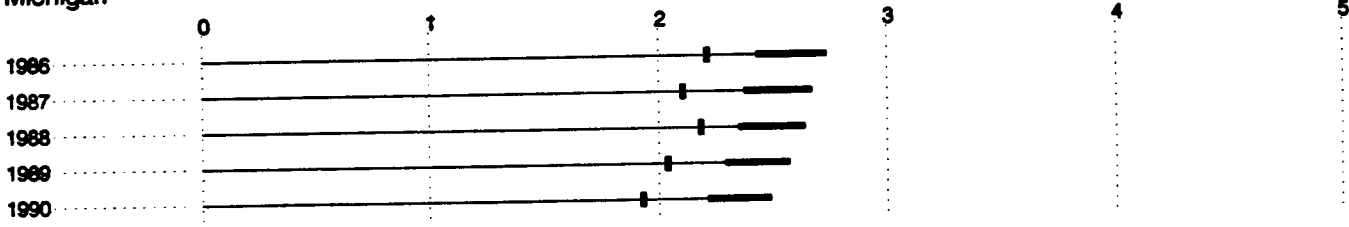
Maryland



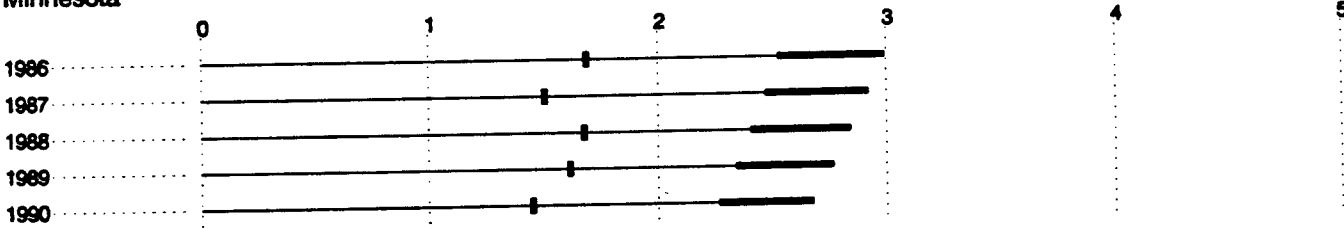
Massachusetts



Michigan



Minnesota



Mississippi

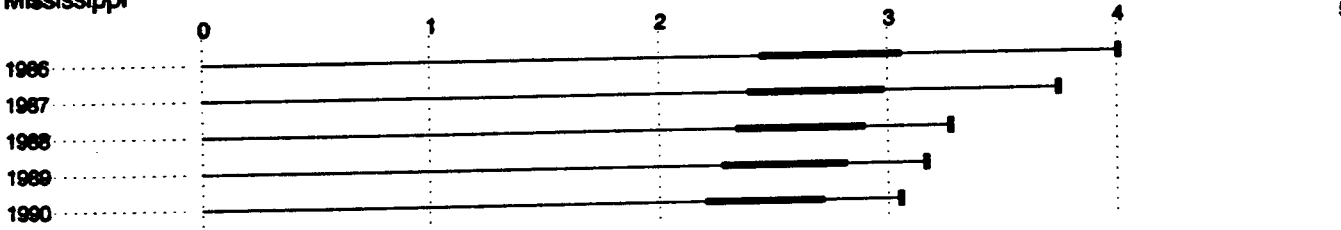
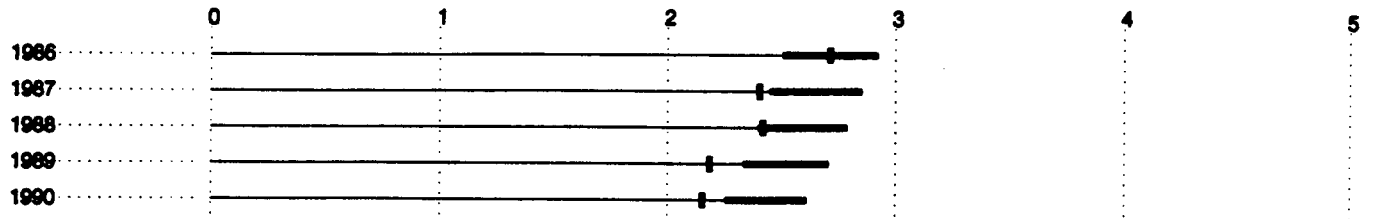


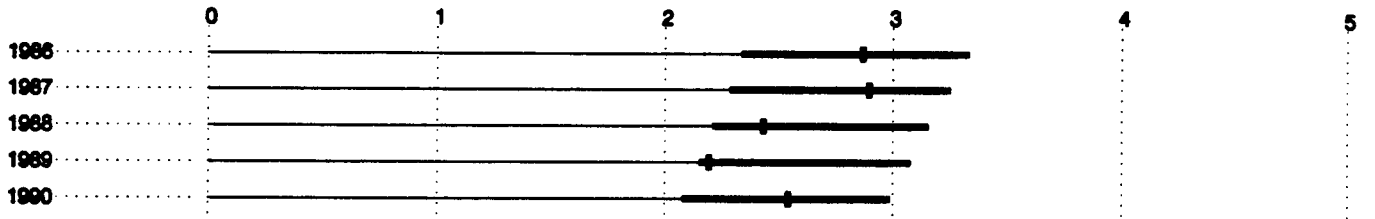
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

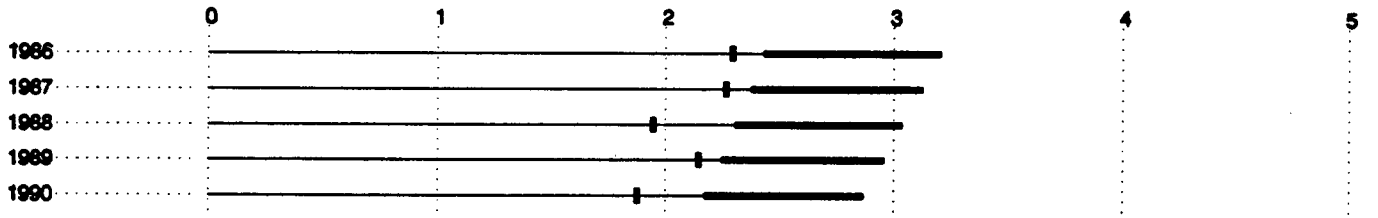
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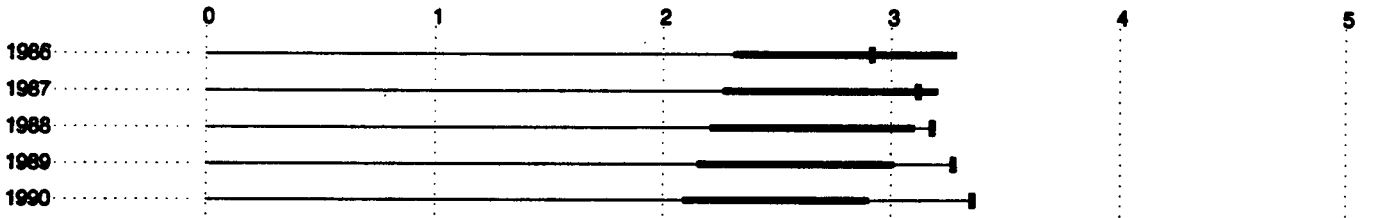
Montana



Nebraska



Nevada



New Hampshire

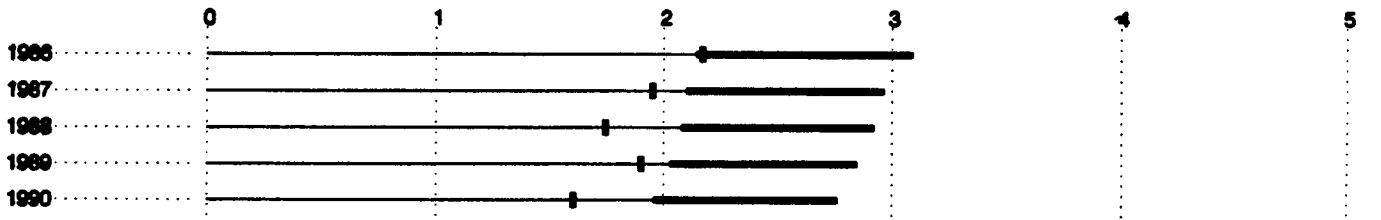
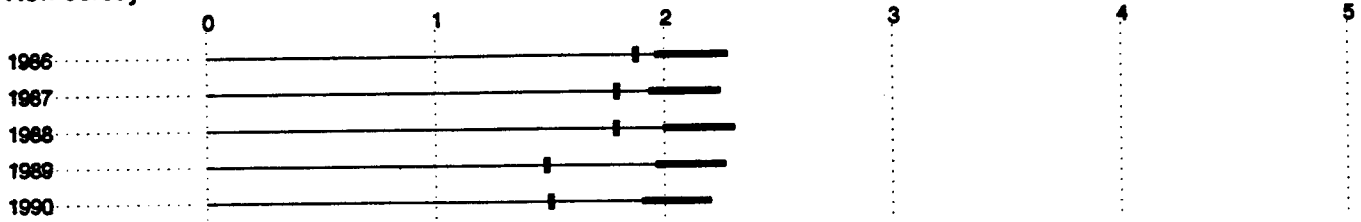


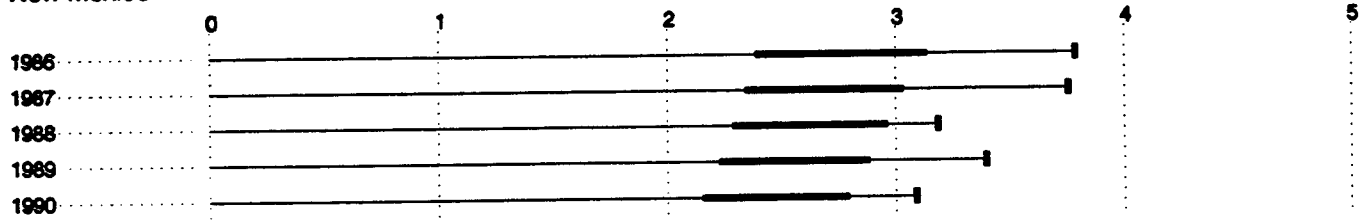
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

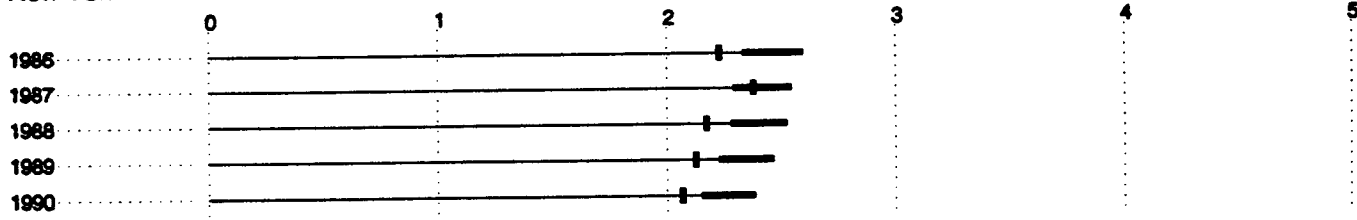
New Jersey



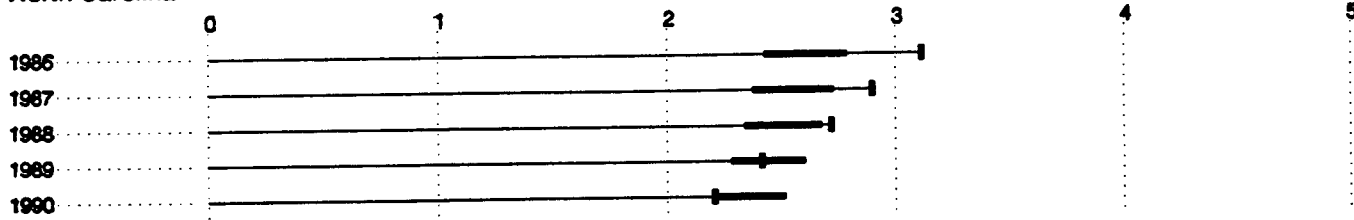
New Mexico



New York



North Carolina



North Dakota

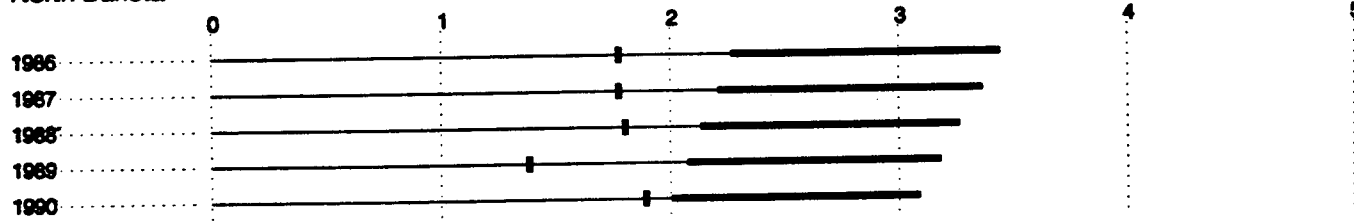
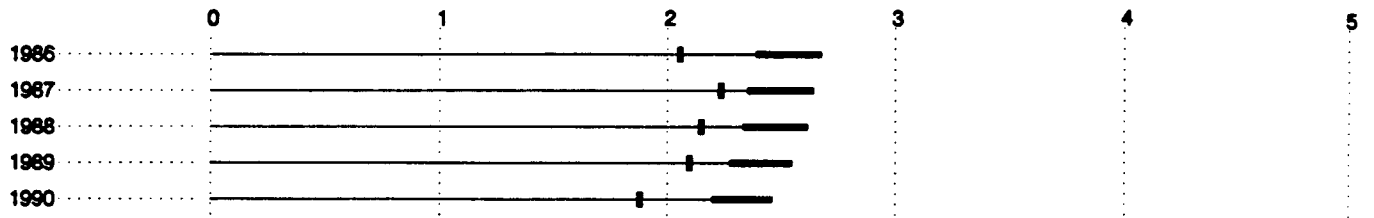


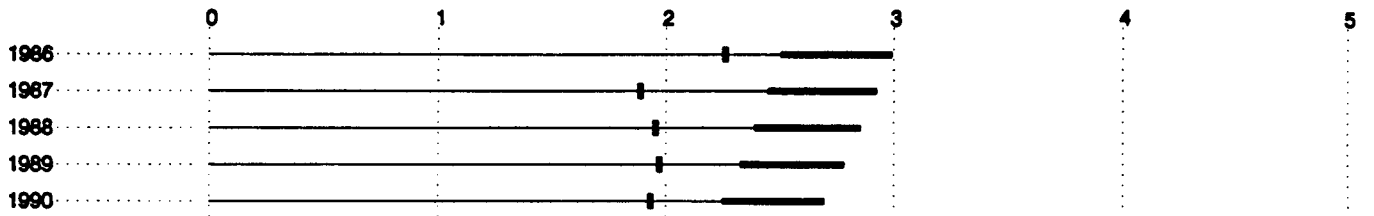
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

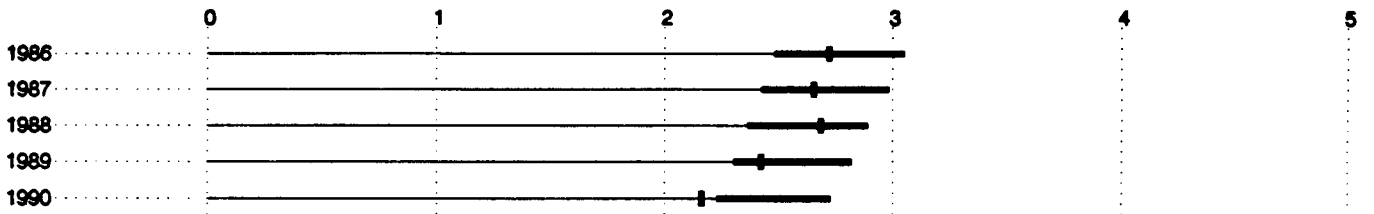
Ohio



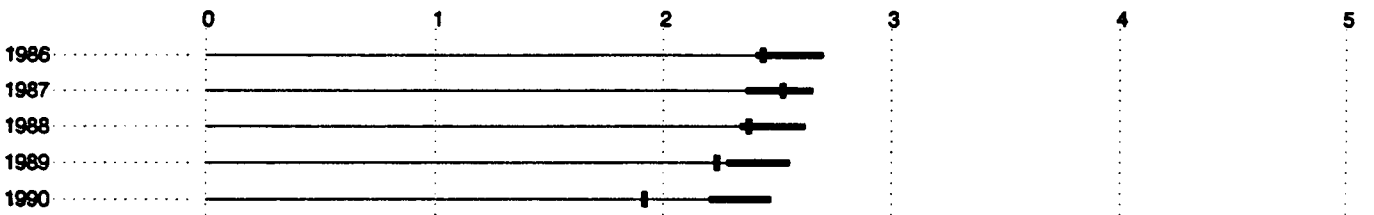
Oklahoma



Oregon



Pennsylvania



Rhode Island

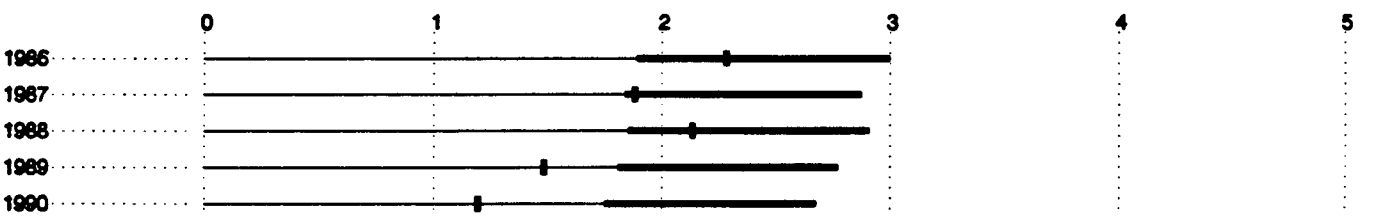
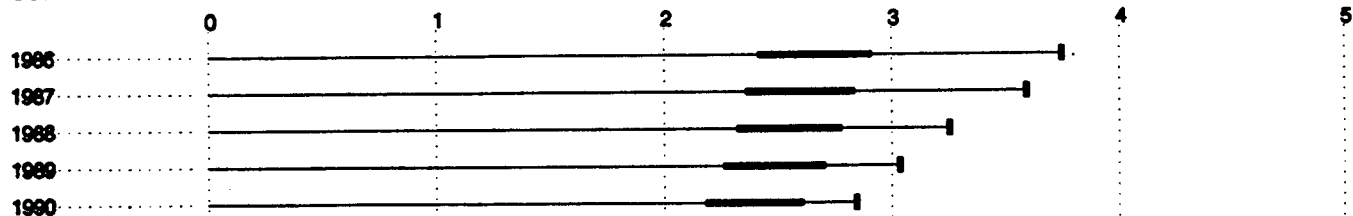


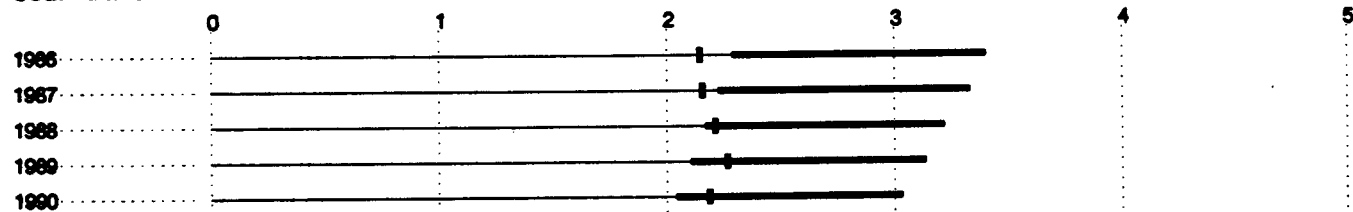
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

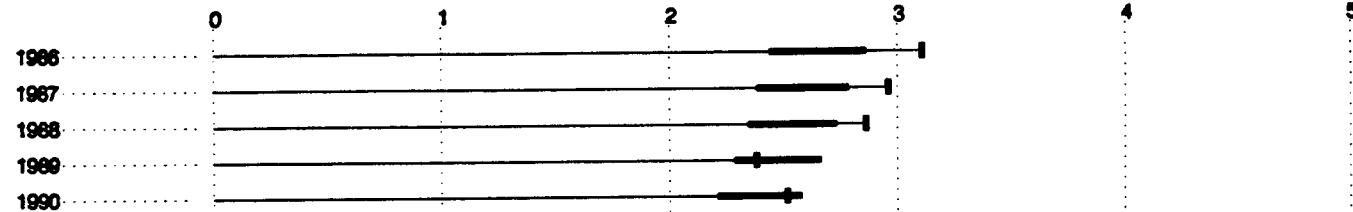
South Carolina



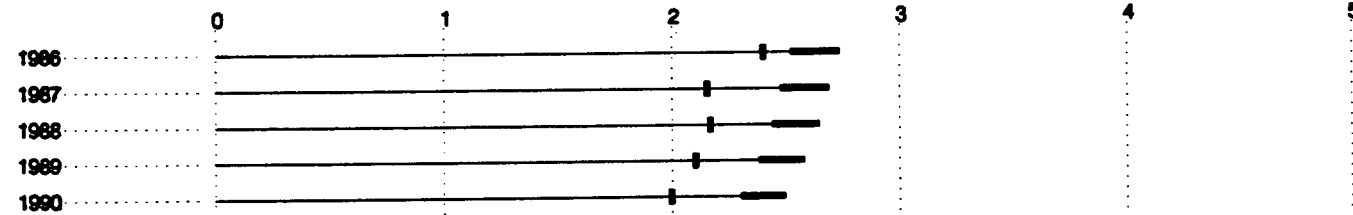
South Dakota



Tennessee



Texas



Utah

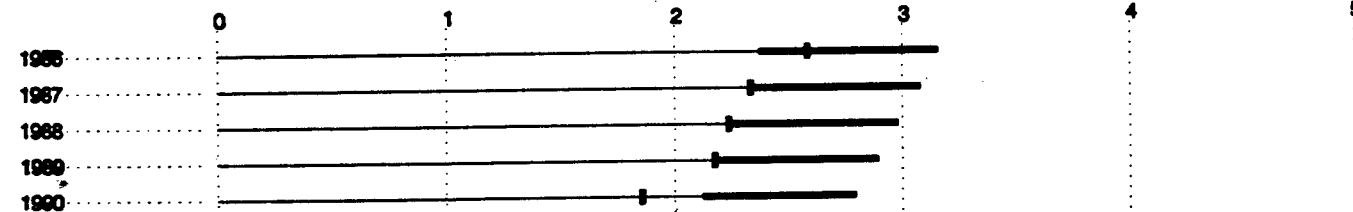
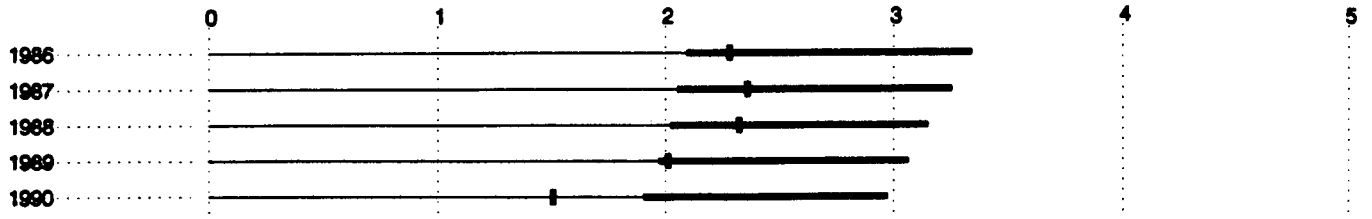


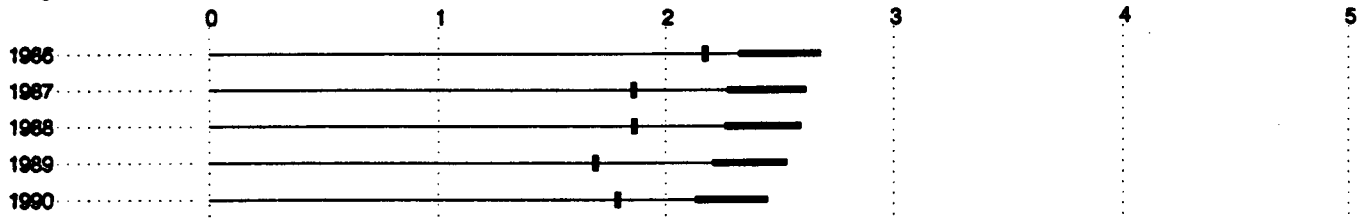
Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

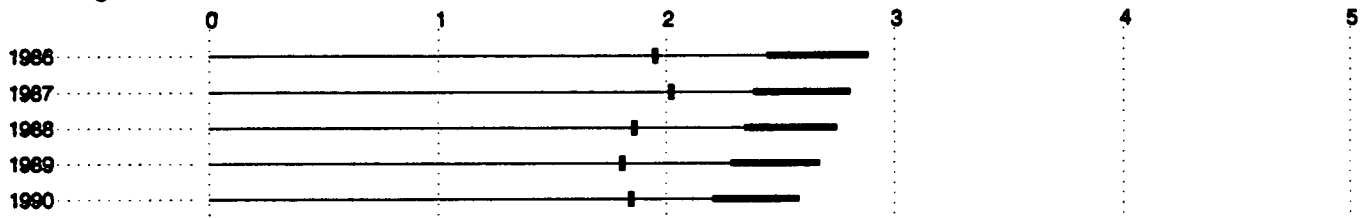
Vermont



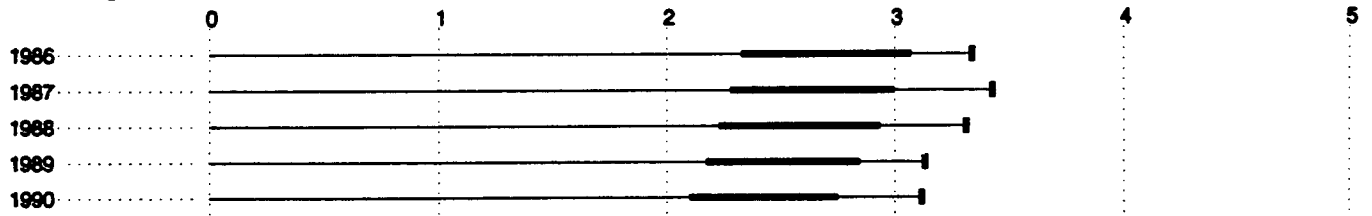
Virginia



Washington



West Virginia



Wisconsin

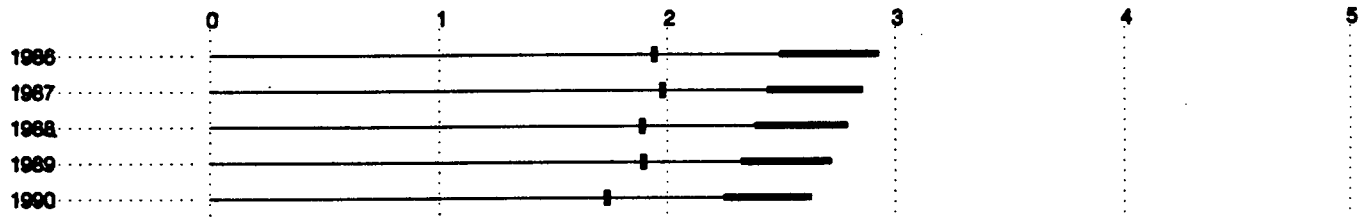


Figure 8 (continued) FATALITY RATES (1986 - 1990)

FATALITIES PER 100 MILLION VEHICLE MILES

Wyoming

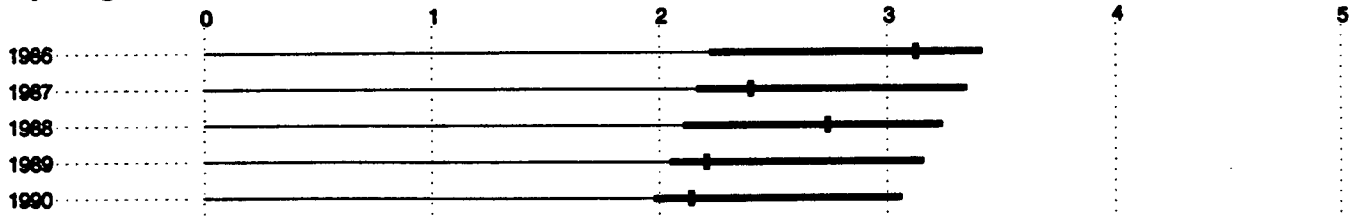


Figure 8 (continued) FATALITY RATES (1986 - 1990)

SECTION VII - SUMMARY

This report presents data which can be used 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.

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 for States whose data reports were incomplete. Six States, Arkansas, Missouri, New Hampshire, New York, Ohio, and Tennessee, were unable to submit any nonfatal injury accident data in time for inclusion in this report.

The traffic accident statistics for 1990 show a decrease of about 1,000 fatalities from 1989. The overall fatality rate per 100 million vehicle miles of travel was 2.07, which is lower than the record low of 2.16 set in 1989.

REFERENCES

Rate-Density Relationships:

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

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