



**U.S. Department of
Transportation**

Highway Safety Performance - 1991

Fatal and Injury Accident Rates on Public Roads in the United States

September 1993

**Prepared by the Offices of
Highway Safety and Highway
Information Management**

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

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

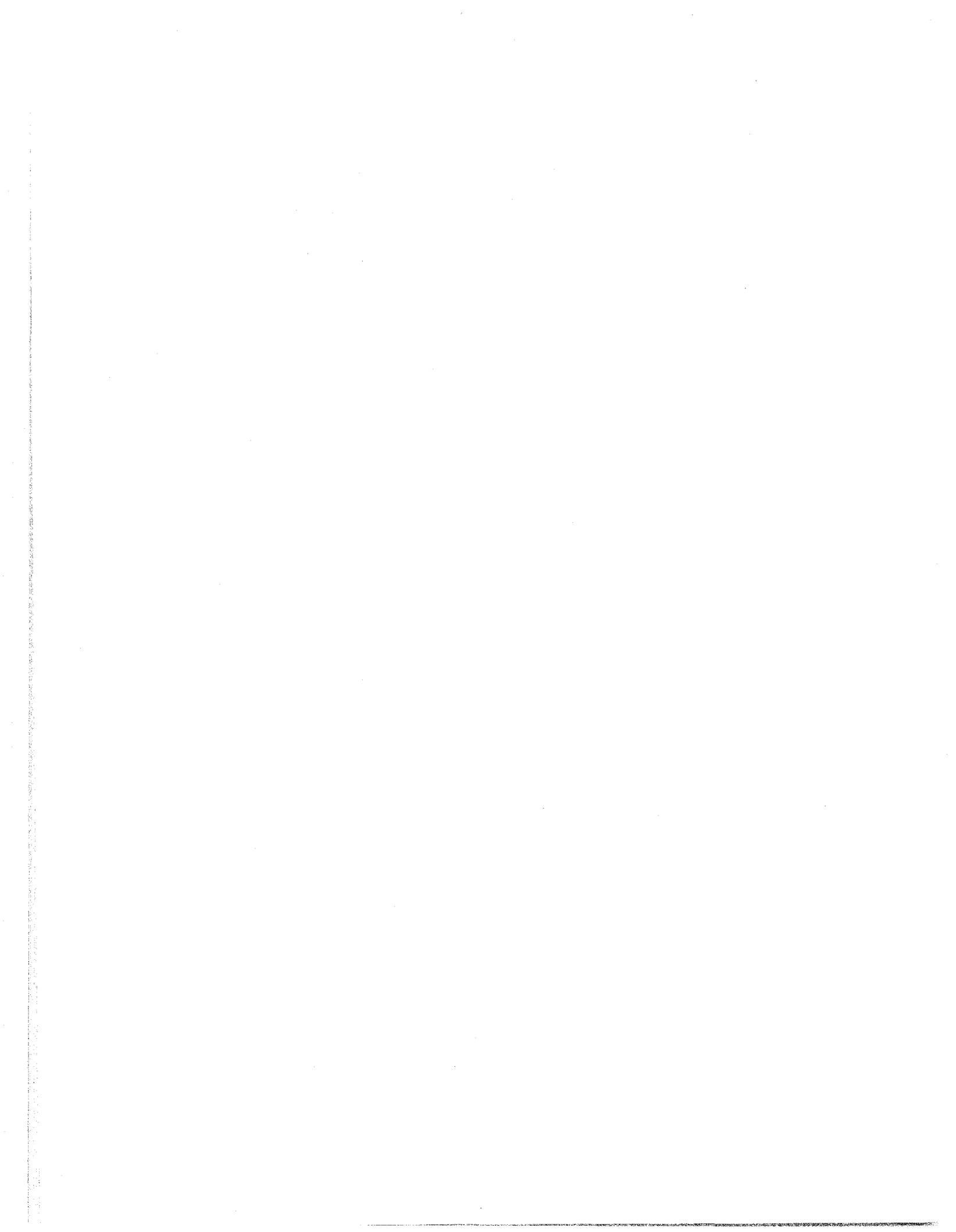


TABLE OF CONTENTS

EXECUTIVE SUMMARY	vii
SECTION I Introduction	1
A. Purpose of Report	1
B. Terminology	1
C. Highway Safety Performance in 1991	4
D. National Trends	7
E. Comparison of State Statistics	13
SECTION II Vehicle Mileage Rates	15
SECTION III Other Rates	49
A. Highway Mileage	49
B. Population	49
C. Licensed Drivers	49
D. Registered Vehicles	49
SECTION IV Puerto Rico	55
SECTION V Relationship of Fatality Rates to Travel Density	57
SECTION VI State Fatality Rate Trends	79
SECTION VII Summary	91
References	93

TABLES

Table 1	U.S. Vehicle Mile Rates by Highway System - 1991	5
Table 2	State Accident Summary - 1991	6
Table 3	Fatal Accidents by State and Highway System - 1991 (Tables 3-A through 3-H)	16-23
	3-A: Federal-Aid Interstate System	16
	3-B: Federal-Aid Primary System - Noninterstate	17
	3-C: Federal-Aid Urban System	18
	3-D: Federal-Aid Secondary System	19
	3-E: Nonfederal-Aid Arterial System	20
	3-F: Nonfederal-Aid Collector System	21
	3-G: Nonfederal-Aid Local System	22
	3-H: Total Rural and Urban Systems	23
Table 4	Nonfatal Injury Accidents by State and Highway System - 1991 (Tables 4-A through 4-H)	24-31
	4-A: Federal-Aid Interstate System	24
	4-B: Federal-Aid Primary System - Noninterstate	25
	4-C: Federal-Aid Urban System	26
	4-D: Federal-Aid Secondary System	27
	4-E: Nonfederal-Aid Arterial System	28
	4-F: Nonfederal-Aid Collector System	29
	4-G: Nonfederal-Aid Local System	30
	4-H: Total Rural and Urban Systems	31
Table 5	Fatalities by State and Highway System - 1991 (Tables 5-A through 5-H)	32-39
	5-A: Federal-Aid Interstate System	32
	5-B: Federal-Aid Primary System - Noninterstate	33
	5-C: Federal-Aid Urban System	34
	5-D: Federal-Aid Secondary System	35
	5-E: Nonfederal-Aid Arterial System	36
	5-F: Nonfederal-Aid Collector System	37
	5-G: Nonfederal-Aid Local System	38
	5-H: Total Rural and Urban Systems	39

Table 6	Nonfatally Injured Persons by State and Highway System - 1991 (Tables 6-A through 6-H)	40-47
	6-A: Federal-Aid Interstate System	40
	6-B: Federal-Aid Primary System - Noninterstate	41
	6-C: Federal-Aid Urban System	42
	6-D: Federal-Aid Secondary System	43
	6-E: Nonfederal-Aid Arterial System	44
	6-F: Nonfederal-Aid Collector System	45
	6-G: Nonfederal-Aid Local System	46
	6-H: Total Rural and Urban Systems	47
Table 7	U.S. Highway-Mile Rates by Highway System - 1991	50
Table 8	Fatal and Injury Accident Data Related to Population - 1991	51
Table 9	Fatal and Injury Accident Data Related to Licensed Drivers - 1991	52
Table 10	Fatal and Injury Accident Data Related to Vehicle Registrations - 1991	53
Table 11	Fatal and Injury Accidents in Puerto Rico - 1991	55

FIGURES

Figure 1	U.S. Motor Vehicle Traffic Fatality Rates (1925-1991)	8
Figure 2	U.S. Fatality Rates for Interstate and Other Highway Systems (1967-1991)	9
Figure 3	U.S. Nonfatal Injury Rates for Interstate and Other Highway Systems (1967-1991)	10
Figure 4	U.S. Fatality Rates by Highway System (1978-1991)	11
Figure 5	U.S. Nonfatal Injury Rates by Highway System (1978-1991)	12
Figure 6	Relationship Between Fatality Rates and Travel Density	14
Figure 7	State Fatality Rates by Highway System (Figures 7-A1 through 7-F2b)	60-78

7-A1:	Provisional Rate-Density Relationship - All Highways (1987 - 1990)	60
7-A2:	Fatality Rate by State - All Highways (1991)	61
7-B1:	Provisional Rate-Density Relationship - Rural and Urban Highways (1987 - 1990)	62
7-B2a:	Fatality Rate by State - All Rural Highways (1991)	63
7-B2b:	Fatality Rate by State - All Urban Highways (1991)	64
7-C1a:	Provisional Rate-Density Relationship - Interstate System (1987 - 1990)	65
7-C1b:	Provisional Rate-Density Relationship - Rural Interstate System (1987 - 1990)	66
7-C1c:	Provisional Rate-Density Relationship - Urban Interstate System (1987 - 1990)	67
7-C2a:	Fatality Rate by State - Rural Interstate Highways (1991)	68
7-C2b:	Fatality Rate by State - Urban Interstate Highways (1991)	69
7-D1:	Provisional Rate-Density Relationship - Other Federal-Aid Primary Highways (1987 - 1990)	70
7-D2a:	Fatality Rate by State - Other Rural Federal-Aid Primary Highways (1991)	71
7-D2b:	Fatality Rate by State - Other Urban Federal-Aid Primary Highways (1991)	72
7-E1:	Provisional Rate-Density Relationship - Federal-Aid Secondary and Urban Systems (1987 - 1990)	73
7-E2a:	Fatality Rate by State - Federal-Aid Secondary Highways (1991)	74
7-E2b:	Fatality Rate by State - Federal-Aid Urban System Highways (1991)	75
7-F1:	Provisional Rate-Density Relationship - Nonfederal-Aid Highways (1987 -1990)	76
7-F2a:	Fatality Rate by State - Rural Nonfederal-Aid Highways (1991)	77
7-F2b:	Fatality Rate by State - Urban Nonfederal-Aid Highways (1991)	78
Figure 8	State Fatality Rates (1987-1991)	80

EXECUTIVE SUMMARY

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

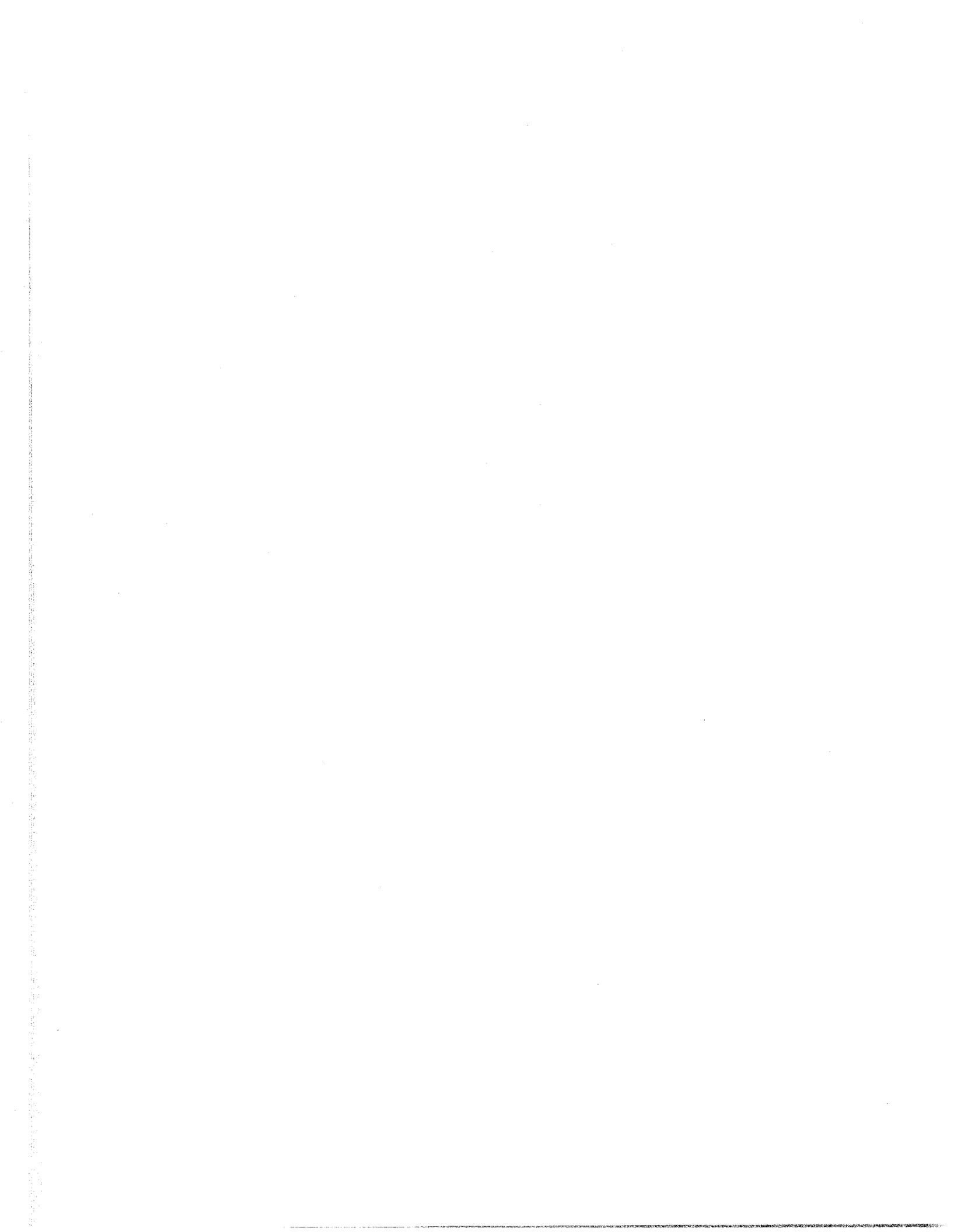
Sec. 207. The Secretary of Transportation shall prepare, publish, and submit to Congress not later than December 31 of each calendar year beginning after December 31, 1982, a report on the highway safety performance of each State in the preceding calendar year. Such report shall provide data on highway 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 report is a continuation of the data series published from 1967 to 1981 under the title, "Fatal and Injury Accident Rates on Federal-Aid and Other Highway Systems." It is the tenth report prepared as required by Section 207 of the Surface Transportation Assistance Act of 1982 (P.L. 97-424). The statistical data in the report are submitted by the States through the Federal Highway Administration's Highway Performance Monitoring System. The text of the report is primarily technical detail and background information which may assist those who analyze and interpret statistical data.

The traffic accident statistics for 1991 show a decrease of about 3,000 fatalities from 1990. A disproportionate share of these fatalities occurred on Federal-aid Secondary and non-Federal-aid rural highways. The overall fatality rate per 100 million vehicle miles of travel was 1.91, which was lower than the record low of 2.07 set in 1990.

From a rate of more than 18 fatalities per 100 million vehicle miles in the mid-1920's, the average rate has gone downward more than 3 percent per year to a record low rate of 1.91.

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



SECTION I - INTRODUCTION

A. Purpose of Report

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

B. Terminology

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

The two primary sources for the definitions which follow are Section 101 of Title 23 of the United States Code and the Manual on Classification of Motor Vehicle Traffic Accidents (ANSI D16.1-1989). The accident data in this report have been collected and processed by thousands of persons in State and local agencies and deviations from the standard definitions are not unusual. Most of the deviations are relatively minor, but some are not. Users of accident statistics should be constantly alert to the fact that statistical differences may reflect differences in terminology rather than differences in accident experience.

Terms used in this report are defined as follows:

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

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

A fatal injury is any injury that results in death.

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

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

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

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

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

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

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

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

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

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

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

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

The fatality statistics in this report differ somewhat from those reported elsewhere. For its motor vehicle traffic fatality statistics, the Department of Transportation (DOT) uses a 30-day counting rule.¹ Under this rule, deaths resulting from an

¹ Federal Highway Administration/National Highway Traffic Safety Administration; "Highway Fatality Counting Rule"; Federal Register, Volume 43, No. 191; pp. 45486-45488; October 2, 1978.

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 the reporting of fatalities which result from motor vehicle accidents is the treatment of deaths resulting from nontraffic accidents. Examples of motor vehicle nontraffic accidents are those which occur in the driveways of private homes or in other locations outside the rights-of-way or other boundaries of roads which are open for public use. Annual motor vehicle fatality figures for the United States reported by NCHS and the National Safety Council (NSC) generally include about 1,000 nontraffic fatalities--deaths which are not included in DOT reports.

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

C. Highway Safety Performance in 1991

The traffic accident statistics for 1991 show a decrease of about 3,000 fatalities from 1990. The overall fatality rate per 100 million vehicle miles of travel was 1.91, which was lower than the record low of 2.07 set in 1990.

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

Table 2 contains a summary of travel and accident data by state. In addition to data which are presented in greater detail in Tables 3 through 6, Table 2 includes pedestrian data. Pedestrian fatality rates dropped from 0.30 (per 100 million vehicle miles) in 1990 to 0.27 in 1991. 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 - 1991^{1/}

HIGHWAY SYSTEM	HIGHWAY MILES 2/	VEHICLE MILES (MILLIONS) 2/	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS 4/		FATALITIES		NONFATAL INJURED PERSONS 4/	
				NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/
INTERSTATE (ARTERIAL)											
RURAL	93,877	205,011	16,678	2,139	1.04	43,806	21.37	2,584	1.25	72,939	35.58
URBAN	11,803	285,325	67,372	1,729	0.61	117,131	41.05	1,908	0.67	182,561	63.98
TOTAL	45,280	490,336	29,668	3,868	0.79	160,937	32.82	4,472	0.91	255,500	52.11
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	222,794	330,295	4,062	7,758	2.35	192,423	58.26	9,248	2.80	328,348	99.41
URBAN	34,261	277,823	22,216	3,530	1.27	297,725	107.16	3,869	1.39	486,099	174.97
TOTAL	257,055	608,118	6,481	11,286	1.86	490,148	80.60	13,117	2.16	814,445	133.93
FEDERAL-AID URBAN ARTERIAL	92,829	402,831	11,915	6,005	1.49	609,879	161.40	6,480	1.81	948,306	236.41
COLLECTOR	55,258	82,050	4,068	1,010	1.23	118,340	144.23	1,077	1.31	175,095	213.40
TOTAL (ALL URBAN)	147,887	484,881	8,983	7,015	1.45	728,219	150.19	7,557	1.58	1,123,401	231.69
FEDERAL-AID SECONDARY (COLLECTOR) TOTAL (ALL RURAL)	400,315	185,966	1,273	5,363	2.88	163,230	87.77	6,120	3.29	258,351	137.85
NON-FEDERAL-AID ARTERIAL											
RURAL	4,790	4,554	2,605	98	2.15	1,792	39.35	122	2.68	3,189	70.03
URBAN	7,956	26,977	9,278	237	0.88	21,049	78.03	251	0.93	34,496	127.87
TOTAL	12,756	31,531	6,772	335	1.06	22,841	72.44	373	1.18	37,685	119.52
NON-FEDERAL-AID COLLECTOR											
RURAL	330,933	59,841	494	1,721	2.89	63,427	106.35	1,914	3.21	94,780	158.92
URBAN	22,025	25,222	3,137	185	0.73	25,742	102.06	201	0.80	31,783	128.01
TOTAL	352,958	84,863	659	1,906	2.25	89,169	105.07	2,115	2.49	126,563	149.14
NON-FEDERAL-AID LOCAL											
RURAL	2,148,926	98,154	125	4,070	4.15	177,037	180.37	4,445	4.53	262,908	267.85
URBAN	528,122	188,365	981	3,052	1.62	378,787	201.09	3,283	1.73	557,477	295.98
TOTAL	2,873,048	286,519	294	7,122	2.49	555,824	193.99	7,708	2.69	820,385	286.33
ALL FEDERAL-AID RURAL	658,788	721,272	3,009	15,258	2.12	399,459	55.38	17,932	2.49	857,636	91.18
URBAN	193,751	1,048,029	14,820	12,274	1.17	1,143,075	109.07	13,334	1.27	1,792,061	170.99
TOTAL	850,537	1,769,301	5,699	27,532	1.56	1,542,534	87.18	31,266	1.77	2,449,697	138.46
ALL NON-FEDERAL-AID RURAL	2,482,849	182,349	179	5,889	3.63	242,256	149.22	6,481	3.99	360,877	222.28
URBAN	558,113	240,564	1,185	3,474	1.44	425,578	176.91	3,715	1.54	623,756	259.29
TOTAL	3,038,762	402,913	363	9,363	2.32	667,834	165.75	10,196	2.53	984,633	244.38
NON-INTERSTATE											
RURAL	3,105,758	878,610	599	19,008	2.80	597,909	88.11	21,849	3.22	945,574	139.34
URBAN	738,261	1,003,268	3,723	14,019	1.40	1,451,522	144.68	15,141	1.51	2,233,256	222.60
TOTAL	3,844,019	1,881,878	1,199	33,027	1.96	2,049,431	121.85	36,990	2.20	3,178,830	189.00
TOTAL											
RURAL	3,139,435	883,621	771	21,147	2.39	641,715	72.82	24,413	2.76	1,018,513	115.27
URBAN	749,864	1,288,593	4,708	15,748	1.22	1,568,653	121.73	17,049	1.32	2,415,817	187.48
TOTAL	3,889,299	2,172,214	1,530	36,895	1.70	2,210,368	101.78	41,462	1.91	3,434,330	158.10

1/ U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND NORTHERN MARIANAS.

2/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1991. 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 100 MILLION VEHICLE MILES.

4/ ESTIMATES OF NONFATAL INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1990 DATA FOR HAWAII, MICHIGAN, OHIO, AND 1989 DATA FOR TENNESSEE.

TABLE 2. STATE ACCIDENT SUMMARY - 1991

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES (TOTAL)		NONFATALLY INJURED PERSONS		FATALLY INJURED PEDESTRIANS		NONFATALLY INJURED PEDESTRIANS	
			NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/
ALABAMA	90,709	42,924	980	2.28	27,993	65.22	1,112	2.59	41,581	98.87	102	0.24	560	1.30
ALASKA	13,524	4,021	90	2.24	4,289	108.52	101	2.51	8,317	157.10	17	0.42	88	2.19
ARIZONA	55,323	34,929	727	2.08	34,231	98.00	818	2.34	55,689	159.38	117	0.33	1,389	3.92
ARKANSAS	77,171	21,934	630	2.42	11,099	50.80	808	2.77	20,429	93.14	53	0.24	542	2.47
CALIFORNIA	185,881	267,978	4,191	1.82	224,004	86.83	4,685	1.82	350,068	135.70	883	0.34	17,388	6.73
COLORADO	77,880	27,744	480	1.73	25,308	91.22	543	1.96	38,402	138.42	48	0.17	952	3.43
CONNECTICUT	20,124	28,829	281	1.06	28,518	107.10	310	1.16	41,482	155.78	50	0.19	1,358	5.10
DELAWARE	5,612	8,721	80	1.34	4,914	73.11	102	1.52	7,849	116.78	16	0.24	273	4.06
DIST. OF COL.	1,102	3,430	80	1.75	9,502	277.03	63	1.84	13,543	394.84	24	0.70	1,257	36.85
FLORIDA	109,374	113,489	2,218	1.95	120,013	105.75	2,464	2.17	194,889	171.73	493	0.43	7,989	7.02
GEORGIA	110,482	73,005	1,226	1.88	61,274	83.93	1,389	1.90	97,038	132.92	161	0.22	2,381	3.26
HAWAII 2/	4,102	6,143	119	1.46	8,825	105.92	135	1.68	12,424	152.57	26	0.32	600	7.97
IDaho	82,209	10,318	221	2.14	6,490	82.90	284	2.56	10,438	101.14	17	0.18	206	2.00
ILLINOIS	196,171	85,430	1,289	1.51	99,048	115.94	1,448	1.89	145,610	170.44	220	0.28	9,808	11.25
INDIANA	92,029	54,268	903	1.86	47,132	86.85	1,022	1.88	89,280	127.87	88	0.18	1,803	3.32
IOWA	112,554	23,020	423	1.84	20,034	87.03	486	2.12	29,175	126.74	95	0.15	765	3.32
KANSAS	139,487	23,188	350	1.51	19,037	82.11	409	1.78	28,867	123.84	20	0.09	1,145	4.94
KENTUCKY	89,728	35,213	722	2.05	32,955	93.59	826	2.35	50,707	144.00	52	0.15	1,333	3.79
LOUISIANA	58,538	34,710	777	2.24	40,533	116.78	858	2.47	87,755	195.20	138	0.40	1,278	3.88
MAINE	22,444	11,849	100	1.52	10,840	91.48	204	1.72	15,699	132.49	9	0.08	384	3.24
MARYLAND	28,984	41,349	829	1.52	44,812	108.37	694	1.88	74,414	179.97	140	0.34	3,444	8.33
MASSACHUSETTS	34,323	48,537	510	1.10	66,863	143.25	552	1.19	84,004	180.51	108	0.23	3,028	6.51
MICHIGAN 2/	117,545	81,935	1,275	1.56	88,881	108.48	1,408	1.72	141,415	172.58	177	0.22	3,792	4.83
MINNESOTA	129,438	39,254	489	1.19	28,890	73.60	531	1.35	42,748	108.90	60	0.15	1,339	3.41
MISSISSIPPI	72,530	24,897	693	2.38	14,176	58.94	899	2.81	28,935	108.19	51	0.20	654	2.83
MISSOURI	121,055	50,982	908	1.78	43,914	86.14	1,011	1.98	87,895	132.78	73	0.14	2,087	4.05
MONTANA	70,787	8,314	172	2.07	5,514	66.32	200	2.41	8,449	101.62	14	0.17	182	2.19
NEBRASKA	92,888	14,095	242	1.72	15,287	108.48	275	1.95	22,888	162.98	18	0.13	605	4.29
NEVADA	45,578	10,510	280	2.47	12,022	114.39	297	2.83	18,322	174.33	40	0.38	806	5.77
NEW HAMPSHIRE	14,868	9,935	134	1.35	6,510	85.53	143	1.44	9,650	97.13	14	0.14	-	0.00
NEW JERSEY	34,288	59,289	738	1.24	91,301	153.99	784	1.32	144,198	243.21	179	0.30	6,503	10.97
NEW MEXICO	58,078	18,773	422	2.52	15,937	95.02	469	2.80	25,107	149.89	91	0.54	587	3.50
NEW YORK	111,442	107,881	1,828	1.70	189,310	175.84	2,009	1.87	280,282	260.34	488	0.45	21,458	19.93
NORTH CAROLINA	95,144	64,883	1,213	1.87	70,291	108.33	1,369	2.11	114,280	178.13	189	0.29	2,874	4.12
NORTH DAKOTA	88,825	5,951	86	1.45	3,332	55.99	94	1.58	4,935	82.93	6	0.10	110	1.85
OHIO 2/	113,565	93,002	1,451	1.58	124,548	133.92	1,835	1.78	210,430	226.26	189	0.18	4,889	5.26
OKLAHOMA	112,281	34,240	550	1.81	24,093	70.37	651	1.90	38,253	111.72	50	0.15	828	1.83
OREGON	98,302	25,782	424	1.85	20,035	77.77	484	1.88	31,141	120.88	53	0.21	700	2.72
PENNSYLVANIA	118,888	87,282	1,510	1.73	84,980	97.38	1,661	1.90	130,446	149.45	231	0.28	8,283	7.20
RHODE ISLAND	6,120	7,152	84	1.17	6,893	96.38	88	1.23	10,501	148.83	12	0.17	199	1.99
SOUTH CAROLINA	84,082	34,456	789	2.29	28,854	83.74	890	2.58	47,472	137.78	125	0.38	1,184	3.38
SOUTH DAKOTA	83,237	8,711	130	1.94	4,830	71.97	143	2.13	7,310	108.93	10	0.15	165	2.48
TENNESSEE 2/	84,852	47,287	1,002	2.12	46,795	99.00	1,113	2.35	72,254	152.86	101	0.21	1,950	4.13
TEXAS	293,509	158,758	2,697	1.70	181,470	101.71	3,078	1.94	263,430	165.93	511	0.32	5,318	3.35
UTAH	43,155	15,391	228	1.49	13,782	89.42	271	1.78	21,170	137.55	30	0.19	1,859	10.78
VERMONT	14,138	5,870	100	1.70	3,093	52.89	110	1.87	4,847	82.57	9	0.15	224	3.82
VIRGINIA	88,043	81,099	840	1.37	47,891	78.08	942	1.54	70,892	118.03	111	0.18	1,880	3.04
WASHINGTON	79,882	48,449	802	1.50	49,048	105.80	682	1.47	72,003	155.02	75	0.18	1,887	4.02
WEST VIRGINIA	34,773	18,028	372	2.32	17,344	108.22	415	2.59	26,558	185.71	33	0.21	592	3.89
WISCONSIN	110,372	45,458	877	1.49	40,918	90.01	797	1.75	60,055	132.11	80	0.13	2,140	4.71
WYOMING	38,897	5,998	104	1.73	3,345	55.77	122	2.03	5,219	87.01	2	0.03	108	1.77
TOTAL	3,885,299	2,172,214	38,895	1.70	2,210,368	101.76	41,482	1.81	3,434,330	158.10	5,797	0.27	127,988	5.89

1/ PER 100 MILLION VEHICLE MILES.

2/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1990 DATA FOR HAWAII, MICHIGAN, OHIO, AND 1989 DATA FOR TENNESSEE.

D. National Trends

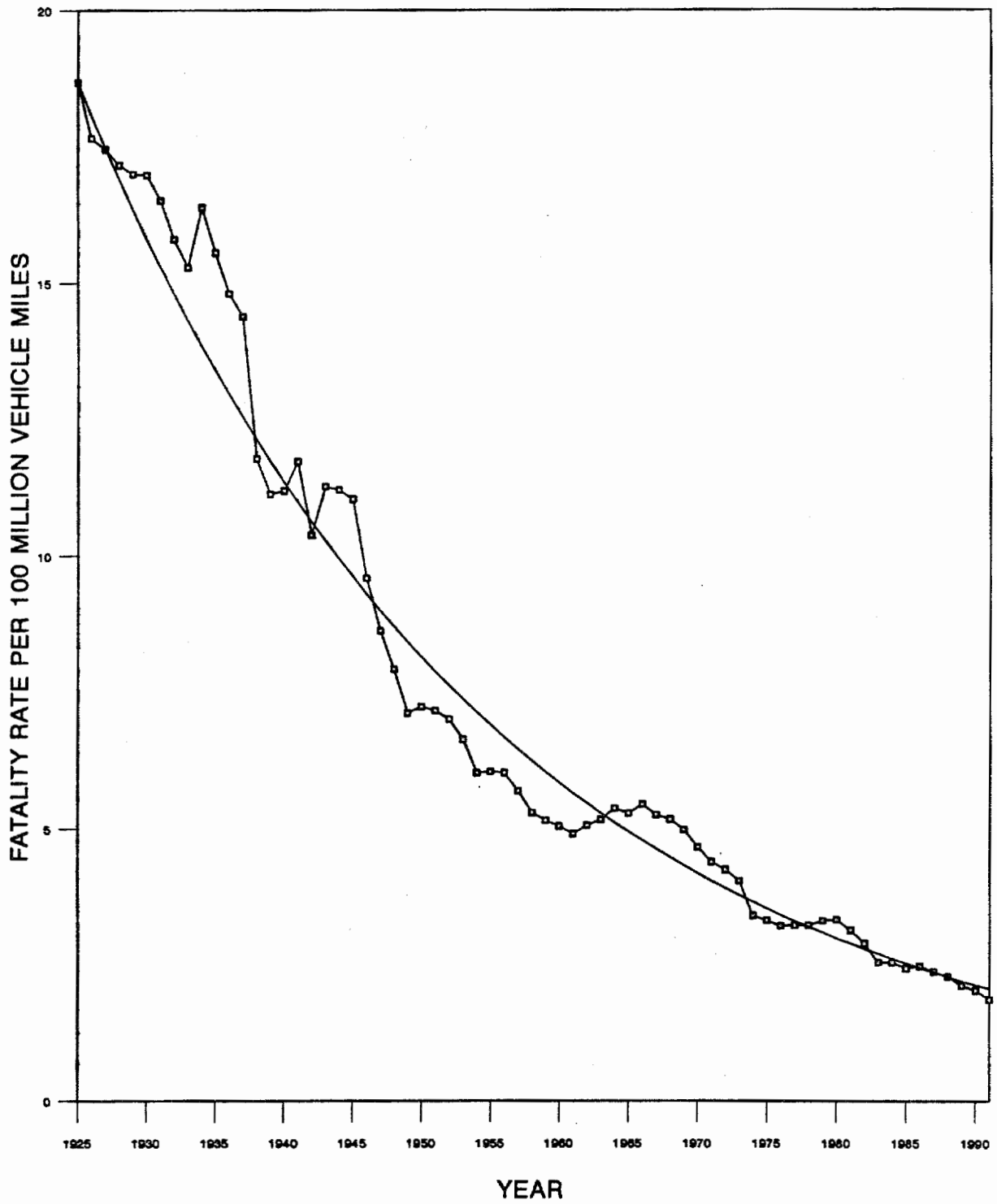
From a rate of more than 18 fatalities per 100 million vehicle miles in the mid-1920's, the average rate has gone down more than 3 percent per year to a record low rate of 1.91 in 1991.

Figures 2 and 3 graphically illustrate national traffic fatality and nonfatal injury rate trends from 1967 through 1991 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 at the same time the fatality rates for urban roads off the Interstate system declined. In 1991, roads off the Interstate system in urban and rural areas reached an all-time low fatality rate of 1.51 and 3.22, respectively. The rural Interstate fatality rate declined again in 1991 to 1.25. The urban Interstate fatality rate also declined in 1991 to 0.67. Trends for reported nonfatal injury rates were also generally downward during the 1967-1991 period.

Figures 4 and 5 illustrate national fatality and nonfatal injury rate trends from 1978 through 1991 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 largely with the period of relative trend stability which is apparent in Figures 2 and 3.

The 1967 through 1981 data used in Figures 3 through 5 were published in the annual Federal Highway Administration reports, "Fatal and Injury Accidents on Federal-Aid and Other Highway Systems."

**FIGURE 1. U.S. MOTOR VEHICLE TRAFFIC FATALITY RATES
(1925-1991)**



—□— Fatality Rates — Fatality Rate Trend

FIGURE 2. U.S. FATALITY RATES FOR INTERSTATE AND OTHER HIGHWAY SYSTEMS (1967-1991)

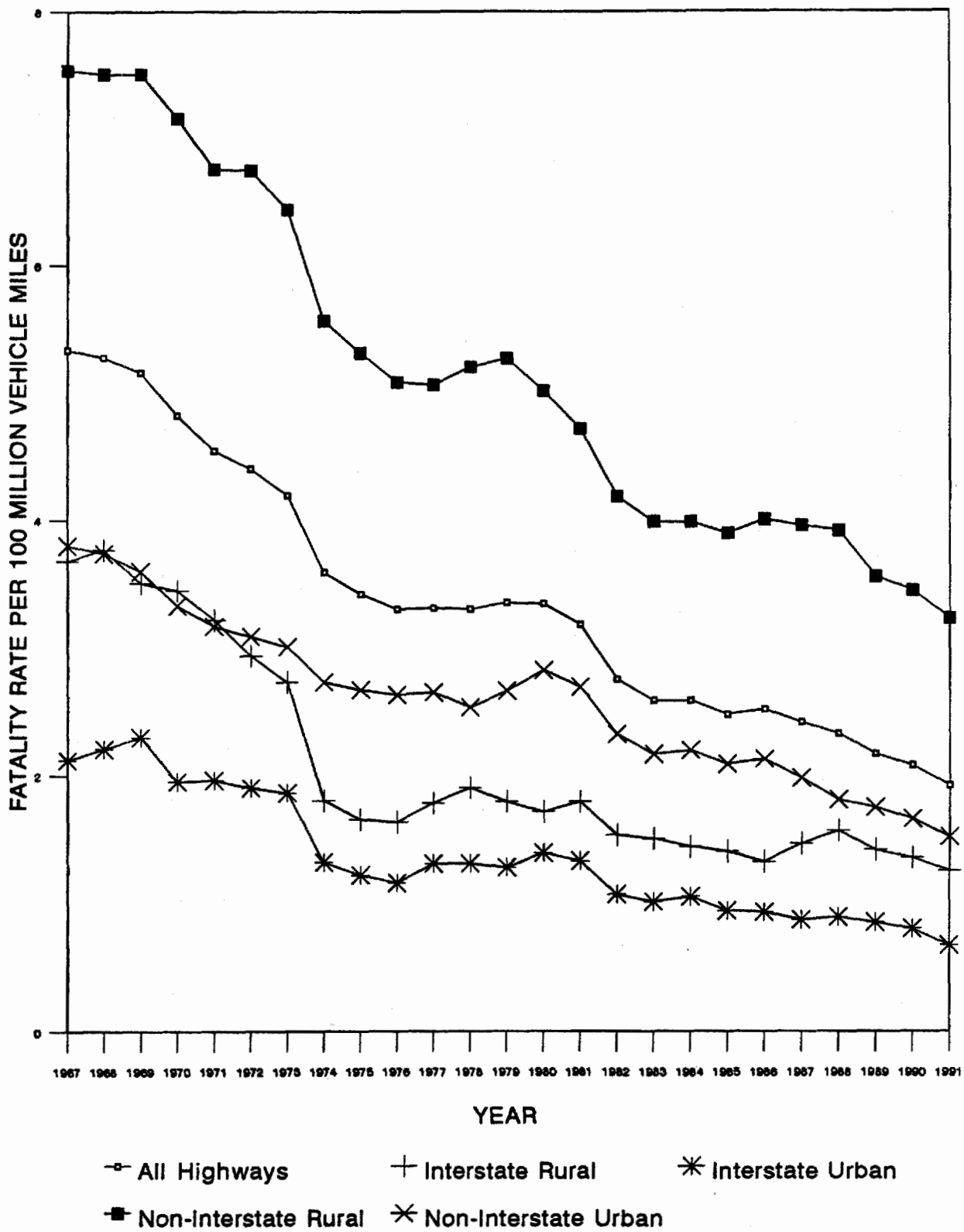
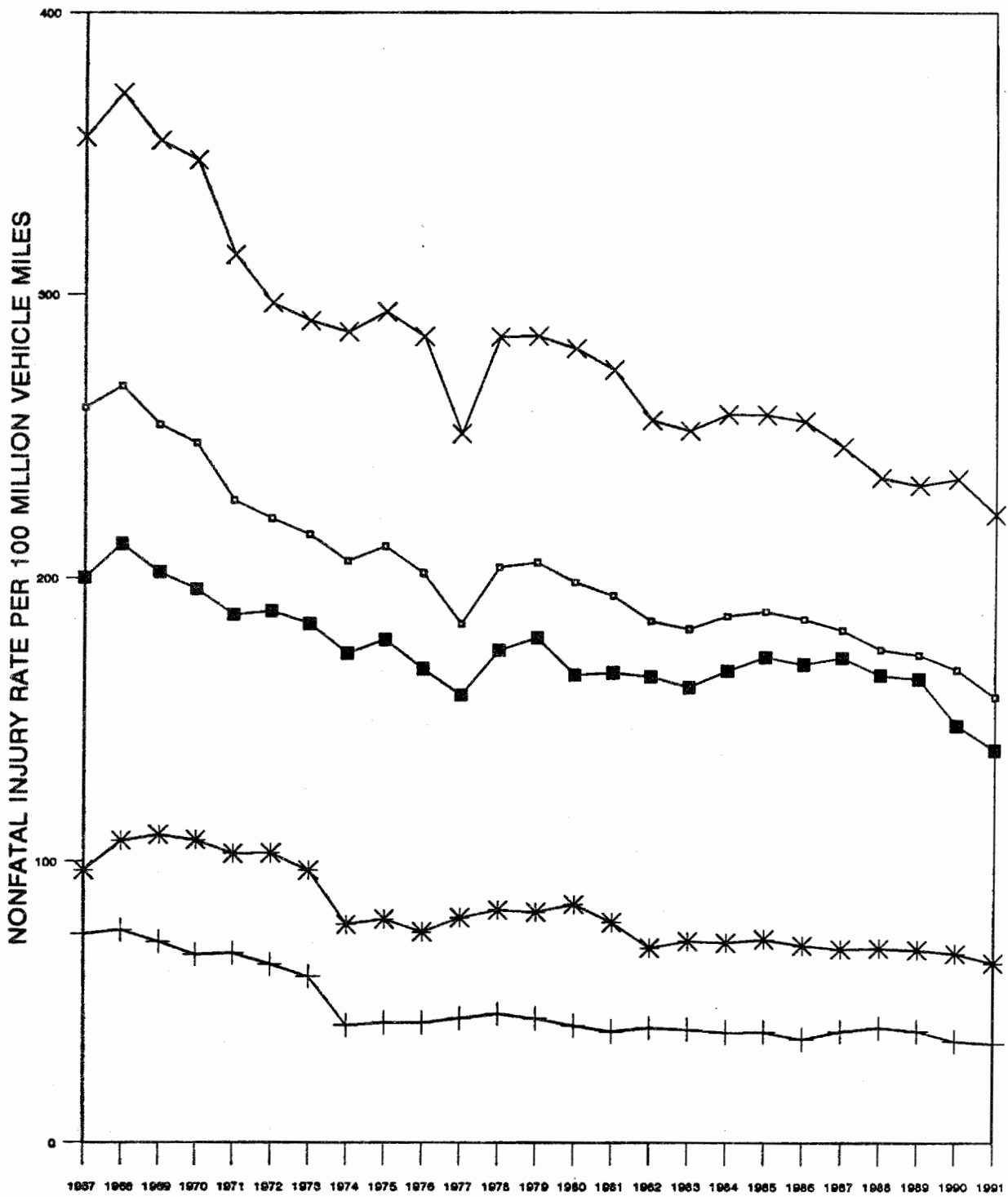


FIGURE 3. U.S. NONFATAL INJURY RATES FOR INTERSTATE AND OTHER HIGHWAY SYSTEMS (1967-1991)



All Highways
 Interstate Rural
 Interstate Urban
 Non-Interstate Rural
 Non-Interstate Urban

FIGURE 4. U.S. FATALITY RATES BY HIGHWAY SYSTEM (1978-1991)

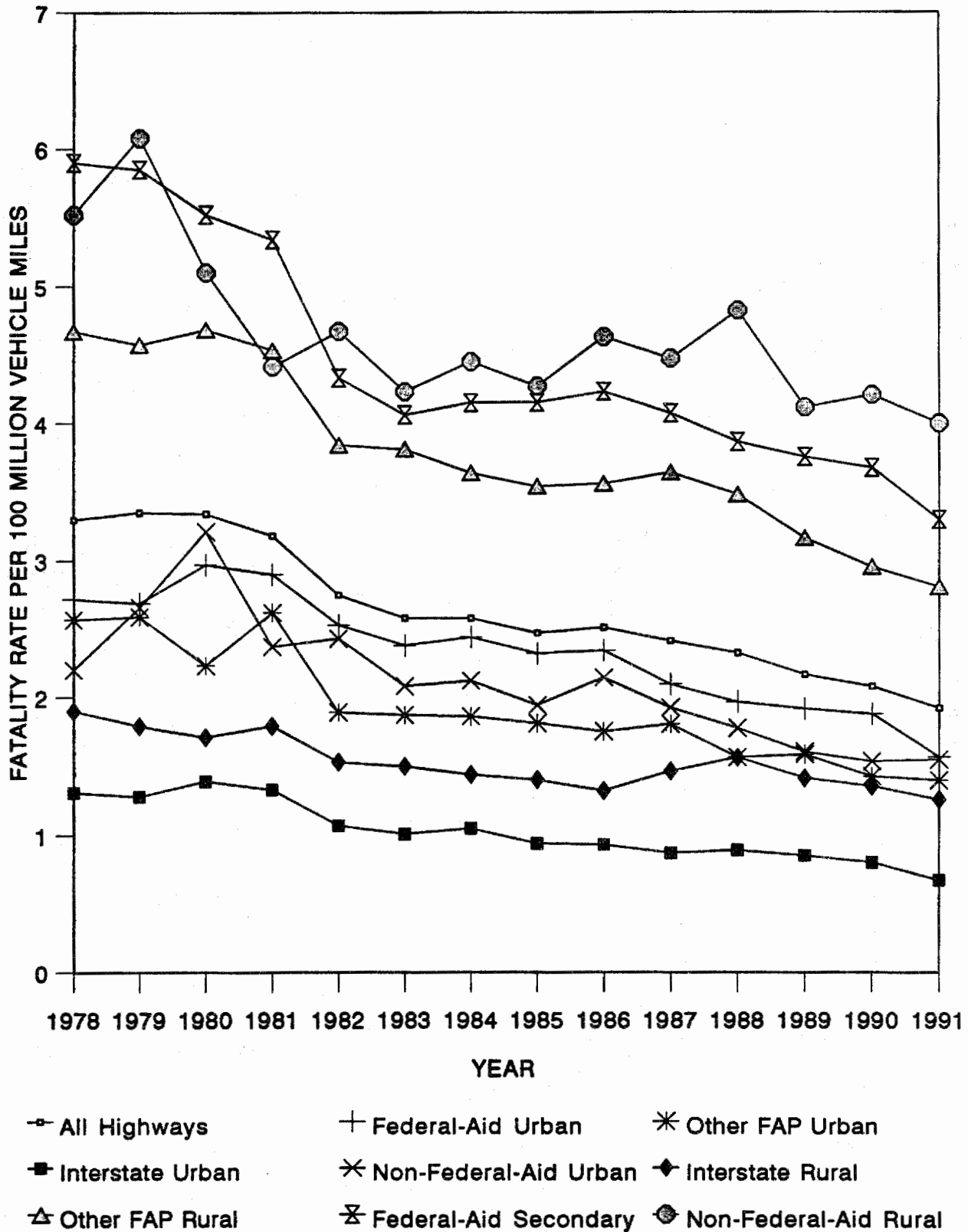
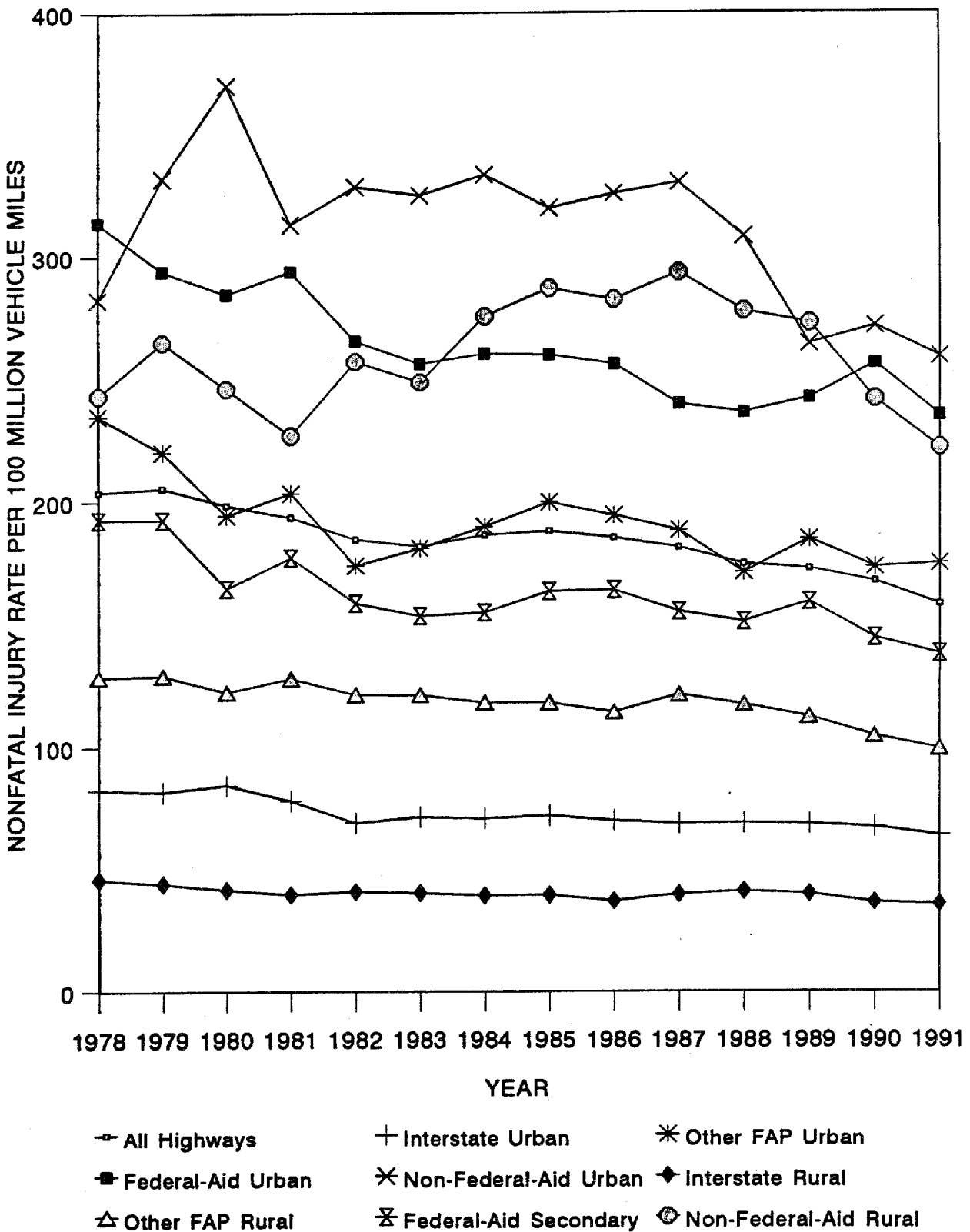


FIGURE 5. U.S. NONFATAL INJURY RATES BY HIGHWAY SYSTEM (1978-1991)



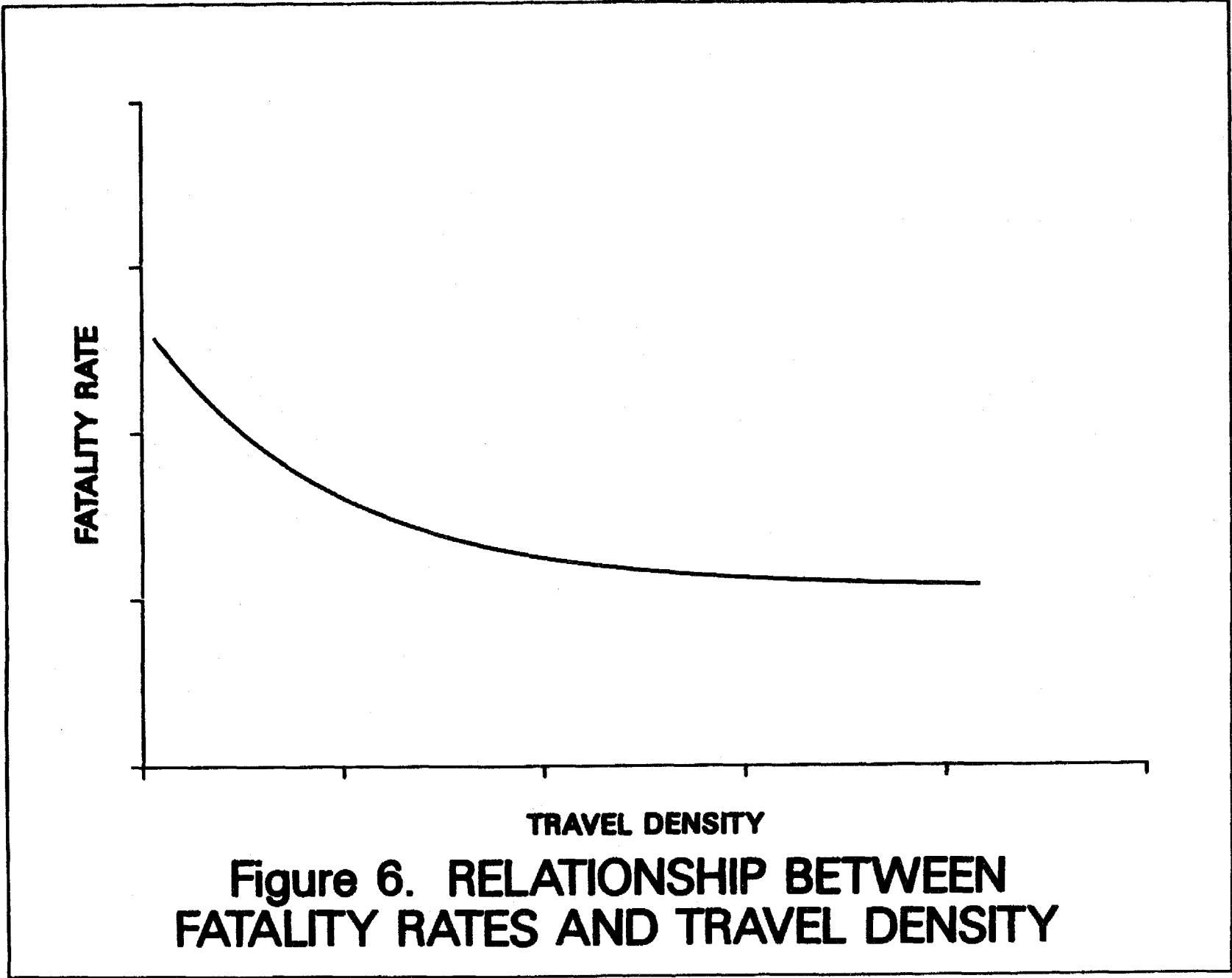
E. Comparison of State Statistics

This report was prepared to help meet the need for statistical data to be used in comparing and evaluating the highway safety performance of the States. Those who use the report should be aware of some of the strengths and weaknesses of the data. For the most part, the data have been submitted by State highway agencies through FHWA's Highway Performance Monitoring System. Accident data originate in police accident reporting systems, while the collection of travel and highway inventory data originates in the highway departments. The quality of the reported data is generally high but varies somewhat within the States.

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

One useful device for comparing fatality rates is the rate-density curve. Other things being equal, fatality rates in terms of fatalities per 100 million vehicle miles tend to be highest where the travel density--the ratio of vehicle miles to highway miles--is low. The general shape of the rate-density curve--concave upward and sloping downward to the right--is shown in Figure 6. Rate-density curves in the 1976 "Highway Safety Needs Study," a DOT report to Congress, were used to illustrate the fatality rate reduction resulting from the adoption of safer design standards for Interstate highways. 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 tends to focus undue attention on sparsely populated States and encourages complacency in States which have high population and travel densities. A low-density State might have highly effective speed limit enforcement and highway safety improvement programs, for example, but still have fatality rates substantially above those of a high-density State with ineffective safety programs. 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.



SECTION II - VEHICLE MILEAGE RATES

The most commonly used measures of highway safety are fatality rates based on vehicle mileage. Such rates have been published and widely publicized for 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 degree of accuracy of much of the data on which the computed rates are based. Collection and classification of information about miles of highway, vehicle miles of travel, and motor vehicle traffic accidents is a highly complex undertaking. Because of this complexity and the necessity of subjective judgments at many points in the process, the computed rates should be regarded as approximations, not as precise measurements.

TABLE 3-A. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991

FEDERAL-AID INTERSTATE SYSTEM

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	844	4.515	19.208	53	1.17	ALABAMA	255	3.737	40.150	27	0.72
ALASKA	1,098	701	1,850	20	2.86	ALASKA	51	430	23,100	4	0.93
ARIZONA	1,039	5,014	13,221	101	2.01	ARIZONA	130	2,939	61,939	16	0.54
ARKANSAS	419	2,830	18,505	25	0.88	ARKANSAS	123	1,780	39,848	17	0.96
CALIFORNIA	1,415	14,754	28,567	217	1.47	CALIFORNIA	984	51,191	142,530	204	0.55
COLORADO	793	3,504	12,451	56	1.55	COLORADO	150	3,561	65,041	27	0.76
CONNECTICUT	109	1,421	35,717	10	0.70	CONNECTICUT	232	8,394	75,508	24	0.38
DELAWARE	-	-	-	-	-	DELAWARE	41	972	64,952	7	0.72
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	437	99,772	4	0.92
FLORIDA	1,022	9,115	24,435	104	1.14	FLORIDA	422	11,166	72,492	65	0.76
GEORGIA	873	9,013	28,285	57	0.63	GEORGIA	372	10,039	73,936	62	0.62
HAWAII	5	102	55,890	2	1.96	HAWAII	38	1,386	99,928	5	0.36
IDAHO	533	1,543	7,931	25	1.62	IDAHO	74	598	22,140	5	0.84
ILLINOIS	1,415	7,723	14,953	58	0.75	ILLINOIS	547	14,374	71,994	85	0.59
INDIANA	863	6,943	22,042	51	0.73	INDIANA	274	5,104	51,035	23	0.45
IOWA	644	3,307	14,069	22	0.67	IOWA	138	1,379	27,377	6	0.44
KANSAS	712	2,550	9,812	13	0.51	KANSAS	160	2,020	34,589	11	0.54
KENTUCKY	579	4,827	22,841	41	0.85	KENTUCKY	184	3,647	54,303	26	0.71
LOUISIANA	657	4,481	18,686	59	1.32	LOUISIANA	187	3,559	52,143	28	0.79
MAINE	313	1,694	14,828	18	1.06	MAINE	53	449	23,210	3	0.67
MARYLAND	241	3,179	36,139	21	0.66	MARYLAND	240	8,432	96,256	36	0.43
MASSACHUSETTS	170	2,098	33,811	8	0.38	MASSACHUSETTS	397	10,417	71,888	34	0.33
MICHIGAN	783	5,782	20,231	30	0.52	MICHIGAN	455	11,413	68,722	49	0.43
MINNESOTA	681	2,994	12,045	20	0.67	MINNESOTA	230	5,060	60,274	10	0.20
MISSISSIPPI	560	2,777	13,586	33	1.19	MISSISSIPPI	124	1,292	28,546	9	0.70
MISSOURI	841	5,570	18,145	62	1.11	MISSOURI	336	8,083	65,908	66	0.82
MONTANA	1,144	1,796	4,301	32	1.78	MONTANA	47	166	9,676	5	3.01
NEBRASKA	444	1,946	12,008	17	0.87	NEBRASKA	37	640	47,390	4	0.62
NEVADA	499	1,572	8,631	44	2.80	NEVADA	46	1,001	59,619	13	1.30
NEW HAMPSHIRE	180	1,363	20,746	15	1.10	NEW HAMPSHIRE	44	672	41,843	2	0.30
NEW JERSEY	131	2,190	45,801	7	0.32	NEW JERSEY	275	8,183	81,524	64	0.78
NEW MEXICO	906	3,452	10,439	89	2.58	NEW MEXICO	93	1,090	32,111	6	0.55
NEW YORK	856	5,666	18,135	42	0.74	NEW YORK	642	13,854	59,122	90	0.65
NORTH CAROLINA	703	6,801	26,505	44	0.65	NORTH CAROLINA	251	4,442	48,485	46	1.04
NORTH DAKOTA	530	949	4,906	6	0.83	NORTH DAKOTA	40	181	12,397	1	0.55
OHIO	847	7,945	25,699	44	0.55	OHIO	726	15,563	58,730	35	0.22
OKLAHOMA	723	3,620	13,718	37	1.02	OKLAHOMA	207	3,282	43,439	29	0.88
OREGON	595	3,698	17,028	35	0.95	OREGON	132	2,872	59,610	15	0.52
PENNSYLVANIA	1,166	8,027	18,861	58	0.72	PENNSYLVANIA	422	7,764	50,406	48	0.62
RHODE ISLAND	21	256	33,399	1	0.39	RHODE ISLAND	49	1,406	78,613	15	1.07
SOUTH CAROLINA	673	5,818	23,685	49	0.84	SOUTH CAROLINA	125	2,207	48,373	13	0.59
SOUTH DAKOTA	632	1,341	5,813	16	1.19	SOUTH DAKOTA	46	223	13,282	1	0.45
TENNESSEE	780	6,772	23,786	62	0.92	TENNESSEE	282	5,778	56,135	39	0.67
TEXAS	2,286	12,134	14,542	172	1.42	TEXAS	943	23,311	67,726	265	1.14
UTAH	792	2,431	8,409	19	2.02	UTAH	146	2,871	53,875	15	0.52
VERMONT	286	999	9,570	43	1.30	VERMONT	34	245	19,742	2	0.82
VIRGINIA	777	7,300	25,740	60	0.82	VIRGINIA	299	8,158	74,751	23	0.28
WASHINGTON	520	3,755	19,784	43	1.15	WASHINGTON	242	7,564	85,633	23	0.30
WEST VIRGINIA	458	2,836	16,965	46	1.62	WEST VIRGINIA	92	1,175	34,991	14	1.19
WISCONSIN	518	4,055	21,530	30	0.74	WISCONSIN	124	2,655	58,661	4	0.15
WYOMING	863	1,752	5,582	22	1.26	WYOMING	50	163	8,932	4	2.45
TOTAL	33,677	205,011	18,678	2,139	1.04	TOTAL	11,603	285,325	67,372	1,729	0.61

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-B. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991

FEDERAL-AID PRIMARY SYSTEM - NONINTERSTATE

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	5,882	8,544	3,980	271	3.17	ALABAMA	869	4,870	14,723	89	1.91
ALASKA	949	489	1,354	8	1.71	ALASKA	63	229	9,959	1	0.44
ARIZONA	3,254	3,718	3,130	146	3.93	ARIZONA	259	2,251	23,811	15	0.67
ARKANSAS	4,748	5,753	3,320	165	2.87	ARKANSAS	487	2,329	13,102	33	1.42
CALIFORNIA	9,501	23,345	6,732	598	2.56	CALIFORNIA	1,578	39,603	68,759	388	0.98
COLORADO	3,822	4,218	3,024	100	2.37	COLORADO	635	4,692	20,244	51	1.09
CONNECTICUT	712	2,340	9,004	29	1.24	CONNECTICUT	582	4,742	22,323	42	0.89
DELAWARE	934	1,705	13,986	26	1.52	DELAWARE	108	775	19,660	11	1.42
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	178	1,890	29,090	35	1.85
FLORIDA	5,742	14,098	6,727	363	2.57	FLORIDA	2,300	20,617	24,559	281	1.36
GEORGIA	8,616	12,422	3,950	308	2.48	GEORGIA	1,571	9,847	17,173	151	1.53
HAWAII	390	1,339	9,406	36	2.69	HAWAII	121	1,491	33,760	18	1.21
IDAHO	2,669	2,128	2,184	66	3.10	IDAHO	86	426	13,571	4	0.94
ILLINOIS	7,840	10,005	3,496	236	2.36	ILLINOIS	2,058	14,028	18,675	217	1.55
INDIANA	4,236	9,748	6,305	196	2.01	INDIANA	772	4,620	16,396	76	1.65
IOWA	8,051	6,930	2,358	157	2.27	IOWA	714	2,403	9,221	38	1.50
KANSAS	7,708	5,681	2,019	103	1.81	KANSAS	335	1,597	13,061	12	0.75
KENTUCKY	3,366	6,188	5,020	169	2.74	KENTUCKY	473	2,857	16,548	42	1.47
LOUISIANA	2,657	4,799	4,948	141	2.94	LOUISIANA	483	3,157	17,907	60	1.90
MAINE	1,823	3,203	4,814	49	1.53	MAINE	188	921	13,422	5	0.54
MARYLAND	1,565	6,363	11,174	113	1.77	MARYLAND	557	6,699	32,950	97	1.45
MASSACHUSETTS	1,011	3,505	9,498	32	0.91	MASSACHUSETTS	1,199	9,078	20,743	68	0.75
MICHIGAN	8,258	12,071	5,285	193	1.60	MICHIGAN	974	7,987	22,466	106	1.33
MINNESOTA	8,650	8,323	2,636	130	1.56	MINNESOTA	645	3,741	15,890	36	0.98
MISSISSIPPI	5,428	6,221	3,140	222	3.57	MISSISSIPPI	344	1,653	13,165	28	1.57
MISSOURI	6,461	10,135	4,298	239	2.36	MISSOURI	549	3,589	17,911	38	1.06
MONTANA	5,351	2,598	1,330	74	2.85	MONTANA	103	480	12,236	6	1.30
NEBRASKA	6,935	4,171	1,648	89	2.13	NEBRASKA	263	1,392	14,501	12	0.86
NEVADA	1,790	1,362	2,085	53	3.89	NEVADA	71	1,024	39,514	12	1.17
NEW HAMPSHIRE	964	2,443	8,943	40	1.64	NEW HAMPSHIRE	164	1,054	17,608	11	1.04
NEW JERSEY	797	3,579	12,303	68	1.90	NEW JERSEY	866	9,053	37,241	119	1.31
NEW MEXICO	3,662	2,897	2,187	123	4.25	NEW MEXICO	228	1,080	12,978	23	2.13
NEW YORK	6,402	11,546	4,941	228	1.97	NEW YORK	2,077	21,378	28,199	289	1.35
NORTH CAROLINA	3,761	9,221	6,717	149	1.62	NORTH CAROLINA	609	4,547	20,456	30	0.66
NORTH DAKOTA	5,437	1,773	893	26	1.47	NORTH DAKOTA	138	439	8,718	2	0.46
OHIO	4,978	10,930	6,018	293	2.68	OHIO	1,590	9,962	17,166	182	1.83
OKLAHOMA	4,876	5,812	3,266	132	2.27	OKLAHOMA	432	2,255	14,301	19	0.84
OREGON	4,640	5,111	3,018	134	2.62	OREGON	403	2,868	19,484	28	0.98
PENNSYLVANIA	7,772	16,748	5,904	418	2.50	PENNSYLVANIA	2,177	15,496	19,502	229	1.48
RHODE ISLAND	183	488	7,866	5	1.07	RHODE ISLAND	271	1,589	16,064	23	1.45
SOUTH CAROLINA	4,968	8,500	4,686	236	2.78	SOUTH CAROLINA	726	4,772	18,008	60	1.26
SOUTH DAKOTA	5,686	2,231	1,075	49	2.20	SOUTH DAKOTA	108	429	10,883	3	0.70
TENNESSEE	5,251	9,054	4,724	266	2.94	TENNESSEE	945	5,920	17,163	103	1.74
TEXAS	14,826	22,020	4,069	419	1.90	TEXAS	1,977	18,849	26,121	269	1.43
UTAH	2,508	1,801	1,969	43	2.39	UTAH	110	820	15,442	9	1.45
VERMONT	1,041	1,532	4,032	27	1.76	VERMONT	83	345	11,388	4	1.16
VIRGINIA	1,520	10,701	19,288	247	2.31	VIRGINIA	1,002	5,242	14,333	55	1.05
WASHINGTON	4,372	5,317	3,332	144	2.71	WASHINGTON	652	5,846	24,565	38	0.65
WEST VIRGINIA	2,202	3,751	4,667	117	3.12	WEST VIRGINIA	213	1,082	13,917	17	1.57
WISCONSIN	8,358	11,880	3,894	248	2.09	WISCONSIN	1,001	5,825	15,943	48	0.82
WYOMING	2,865	1,598	1,528	32	2.00	WYOMING	124	406	8,970	1	0.25
TOTAL	222,794	330,295	4,062	7,756	2.35	TOTAL	34,281	277,823	22,216	3,530	1.27

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-C. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991

FEDERAL-AID URBAN SYSTEM

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	1,548	4,893	8,860	97	1.98	1,253	1,877	4,104	18	1.01	
ALASKA	1,193	599	12,339	13	2.17	104	77	2,028	4	6.19	
ARIZONA	1,745	10,719	16,829	204	1.90	720	893	3,779	11	1.11	
ARKANSAS	451	2,014	6,484	22	1.09	306	266	2,982	1	0.38	
CALIFORNIA	12,785	83,126	17,813	1,420	1.71	5,081	7,717	4,181	108	1.40	
COLORADO	1,604	5,289	9,034	69	1.30	626	437	1,913	6	1.14	
CONNECTICUT	1,235	4,475	9,927	73	1.30	1,721	3,329	3,708	24	1.03	
DELAWARE	183	996	18,711	12	1.20	158	317	5,567	4	1.26	
DIST. OF COL.	89	421	12,960	7	1.66	144	322	8,128	5	1.55	
FLORIDA	2,025	18,475	22,290	411	2.49	2,740	6,085	8,064	0	0.00	
GEORGIA	2,198	7,788	9,749	113	1.45	1,602	3,877	5,590	39	1.06	
HAWAII	143	675	16,784	12	1.37	179	487	7,454	7	1.44	
IDAHO	474	1,267	7,323	13	1.20	275	271	2,271	1	0.44	
ILLINOIS	3,564	16,208	12,459	194	1.03	3,108	6,685	5,826	90	1.38	
INDIANA	2,952	8,270	8,270	116	1.30	1,777	1,838	2,822	32	1.98	
IOWA	1,483	2,478	4,578	27	1.09	968	1,684	2,822	10	1.70	
KANSAS	1,156	3,588	8,451	23	0.64	500	399	2,186	4	1.00	
KENTUCKY	1,215	4,577	10,321	50	1.08	792	1,455	4,952	15	1.03	
LOUISIANA	1,389	5,544	11,095	88	1.55	805	1,021	3,832	12	1.18	
MAINE	344	1,098	11,095	8	0.46	362	381	2,884	9	2.96	
MARYLAND	1,477	8,284	15,366	145	1.75	2,570	1,480	5,911	24	1.89	
MASSACHUSETTS	3,335	19,133	8,324	150	1.48	2,783	2,783	4,869	47	1.78	
MICHIGAN	4,125	19,213	12,761	391	1.72	2,790	1,404	4,869	25	1.04	
MINNESOTA	1,725	6,688	10,480	48	0.73	670	1,404	2,368	6	1.95	
MISSISSIPPI	959	2,384	6,754	32	1.35	761	820	2,952	18	1.95	
MISSOURI	1,891	6,777	12,716	127	1.45	585	790	3,700	9	1.14	
MONTANA	242	605	8,449	4	0.66	101	84	2,279	2	2.38	
NEBRASKA	657	1,940	9,090	14	0.72	405	484	3,274	6	1.24	
NEVADA	468	2,867	17,225	59	2.06	101	208	5,642	0	0.00	
NEW HAMPSHIRE	388	1,173	6,326	9	0.77	337	325	2,842	0	0.00	
NEW JERSEY	3,554	12,921	9,961	221	1.71	1,825	2,930	4,399	4	1.23	
NEW MEXICO	475	2,361	13,618	41	1.74	1,135	2,930	5,114	3	1.71	
NEW YORK	5,164	25,228	19,385	567	2.25	3,588	5,659	4,348	93	1.64	
NORTH CAROLINA	2,788	10,522	10,422	86	0.82	393	418	3,155	7	1.67	
NORTH DAKOTA	288	484	4,414	3	0.65	213	175	2,251	1	0.57	
OHIO	3,718	13,794	10,165	127	0.92	4,133	6,793	4,503	121	1.78	
OKLAHOMA	2,242	7,188	8,784	72	1.00	755	782	4,503	4	0.52	
OREGON	1,208	3,410	7,734	47	1.38	846	1,182	3,828	15	1.10	
PENNSYLVANIA	3,855	13,347	9,912	177	1.27	3,193	4,924	4,225	30	0.61	
RHODE ISLAND	432	1,780	11,289	19	1.07	501	573	3,133	7	1.22	
SOUTH CAROLINA	632	2,605	11,293	19	1.07	537	1,039	5,301	0	0.00	
SOUTH DAKOTA	291	456	4,293	8	2.18	102	84	2,256	0	0.00	
TENNESSEE	6,678	6,715	13,597	99	1.47	1,824	2,421	3,634	50	2.07	
TEXAS	540	3,131	15,885	258	1.00	1,811	1,824	3,102	5	0.27	
UTAH	171	468	17,498	51	1.63	390	998	7,011	8	1.74	
VERMONT	1,642	10,828	17,730	109	0.85	178	172	2,847	3	1.74	
VIRGINIA	2,497	9,940	10,608	104	1.03	1,404	2,142	4,180	29	1.35	
WASHINGTON	407	1,435	9,660	20	1.05	1,738	2,490	3,925	27	1.08	
WEST VIRGINIA	2,160	8,503	8,248	43	1.39	795	645	3,428	9	0.60	
WISCONSIN	2,239	8,592	4,494	4	0.68	323	230	2,223	12	1.86	
WYOMING				6	1.53			1,951	5	2.17	
TOTAL	92,629	402,831	11,915	6,005	1.49	55,258	82,050	4,068	1,010	1.23	

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-D. FATAL ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1991**

FEDERAL-AID SECONDARY SYSTEM

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/
ALABAMA	11,648	4,488	1,056	204	4.55
ALASKA	1,802	428	851	19	4.44
ARIZONA	3,238	2,871	2,429	77	2.68
ARKANSAS	7,389	2,120	786	90	4.25
CALIFORNIA	11,192	10,309	2,524	429	4.16
COLORADO	3,427	1,322	1,057	48	3.63
CONNECTICUT	879	1,378	4,295	23	1.67
DELAWARE	604	629	2,853	16	2.54
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,359	2,961	1,861	101	3.41
GEORGIA	14,012	6,444	1,260	202	3.13
HAWAII	435	583	3,672	15	2.57
IDAHO	4,182	1,153	755	46	3.99
ILLINOIS	12,942	4,305	911	140	3.25
INDIANA	9,759	8,363	2,348	171	2.04
IOWA	13,576	2,575	520	77	2.99
KANSAS	22,643	2,687	325	88	3.28
KENTUCKY	7,226	5,148	1,952	190	3.69
LOUISIANA	7,329	5,412	2,023	202	3.73
MAINE	2,742	1,783	1,782	37	2.08
MARYLAND	1,922	2,373	3,383	66	2.78
MASSACHUSETTS	2,007	1,637	2,235	23	1.41
MICHIGAN	17,080	10,859	1,742	250	2.30
MINNESOTA	16,650	3,698	608	103	2.79
MISSISSIPPI	11,699	3,514	823	138	3.93
MISSOURI	18,069	5,451	827	198	3.63
MONTANA	4,737	632	366	22	3.48
NEBRASKA	11,456	1,277	305	35	2.74
NEVADA	2,314	915	1,083	36	3.93
NEW HAMPSHIRE	1,235	1,250	2,773	22	1.76
NEW JERSEY	1,703	2,557	4,114	67	2.62
NEW MEXICO	3,645	1,228	923	49	3.99
NEW YORK	6,296	5,589	2,432	147	2.63
NORTH CAROLINA	10,329	11,403	3,025	254	2.23
NORTH DAKOTA	10,596	776	201	18	2.32
OHIO	11,790	9,240	2,147	143	1.55
OKLAHOMA	11,775	3,994	929	89	2.23
OREGON	7,781	2,632	927	87	3.31
PENNSYLVANIA	7,992	6,177	2,118	174	2.82
RHODE ISLAND	201	158	2,154	6	3.80
SOUTH CAROLINA	8,536	5,085	1,632	175	3.44
SOUTH DAKOTA	11,091	928	229	27	2.91
TENNESSEE	5,450	3,223	1,620	130	4.03
TEXAS	32,705	13,931	1,167	373	2.68
UTAH	2,724	864	869	20	2.31
VERMONT	1,913	1,079	1,545	22	2.04
VIRGINIA	10,206	6,677	1,792	177	2.65
WASHINGTON	7,376	5,253	1,951	107	2.04
WEST VIRGINIA	6,353	3,483	1,502	108	3.10
WISCONSIN	13,036	4,625	972	109	2.36
WYOMING	2,264	499	604	13	2.61
TOTAL	400,315	185,966	1,273	5,363	2.88

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-E. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991
NONFEDERAL-AID ARTERIAL SYSTEM

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	-	-	-	-	-	216	215	2,727	1	0.47	
ALASKA	6	17	5.822	0	0.00	11	49	12,204	4	8.16	
ARIZONA	-	-	-	-	-	63	240	10,437	0	0.00	
ARKANSAS	980	308	2,344	15	4.87	398	466	3,208	14	3.00	
CALIFORNIA	16	29	4,966	0	0.00	1,243	9,303	7,280	49	1.48	
COLORADO	26	1	105	0	0.00	8	8	2,740	1	12.50	
CONNECTICUT	9	1	904	0	0.00	34	88	5,479	9	13.24	
DELAWARE	-	-	-	-	-	1	13	35,616	0	0.00	
DIST. OF COL.	-	-	-	-	-	8	4	1,370	2	50.00	
FLORIDA	952	1,409	10,987	40	2.84	974	2,420	17,728	32	1.32	
GEORGIA	-	-	-	-	-	-	-	-	-	-	
HAWAII	10	1	274	0	0.00	-	-	-	-	-	
IDAHO	1	3	8,219	0	0.00	47	118	6,878	1	0.85	
ILLINOIS	-	-	-	-	-	92	39	3,339	2	5.13	
INDIANA	2	1	1,370	0	0.00	19	63	9,084	1	1.59	
IOWA	3	1	913	0	0.00	14	29	6,675	0	0.00	
KANSAS	-	-	-	-	-	216	659	8,359	9	1.37	
KENTUCKY	31	6	530	0	0.00	2	2	2,740	0	0.00	
LOUISIANA	10	4	1,096	0	0.00	291	821	5,847	4	0.64	
MAINE	1	3	8,219	1	33.33	2	5	6,849	0	0.00	
MARYLAND	-	-	-	-	-	11	23	5,729	0	0.00	
MASSACHUSETTS	-	-	-	-	-	3	1	913	0	0.00	
MICHIGAN	-	-	-	-	-	672	2,473	10,082	4	0.16	
MINNESOTA	-	-	-	-	-	27	16	1,624	0	0.00	
MISSISSIPPI	279	105	1,031	1	0.95	14	20	3,914	0	0.00	
MISSOURI	-	-	-	-	-	503	1,291	7,032	15	1.16	
MONTANA	83	4	174	1	25.00	37	27	1,999	2	7.41	
NEBRASKA	-	-	-	-	-	-	-	-	-	-	
NEVADA	-	-	-	-	-	21	46	8,001	2	4.35	
NEW HAMPSHIRE	21	234	30,528	1	0.43	26	187	19,705	0	0.00	
NEW JERSEY	124	1,504	33,230	24	1.80	286	3,646	34,927	24	0.66	
NEW MEXICO	5	1	548	0	0.00	92	320	9,529	7	2.19	
NEW YORK	-	-	-	-	-	129	782	16,183	0	0.00	
NORTH CAROLINA	257	158	1,684	2	1.27	820	1,939	8,478	8	0.41	
NORTH DAKOTA	2	1	1,370	0	0.00	-	-	-	-	-	
OHIO	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA	282	396	3,847	6	1.52	161	170	2,899	0	0.00	
OREGON	81	115	3,890	3	2.61	28	49	4,795	0	0.00	
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND	3	2	1,826	0	0.00	-	-	-	-	-	
SOUTH CAROLINA	-	-	-	-	-	259	440	4,654	17	3.86	
SOUTH DAKOTA	14	1	196	0	0.00	9	15	4,586	0	0.00	
TENNESSEE	-	-	-	-	-	-	-	-	-	-	
TEXAS	3	2	1,826	3	150.00	1,787	6,342	9,723	25	0.39	
UTAH	39	17	1,194	1	5.88	42	59	3,849	1	1.69	
VERMONT	-	-	-	-	-	-	-	-	-	-	
VIRGINIA	2,534	214	231	0	0.00	1	737	2,019,178	1	0.14	
WASHINGTON	-	-	-	-	-	9	47	14,307	0	0.00	
WEST VIRGINIA	-	-	-	-	-	1	1	2,740	0	0.00	
WISCONSIN	1	1	2,740	0	0.00	46	43	2,561	2	4.65	
WYOMING	253	15	162	0	0.00	3	1	913	0	0.00	
TOTAL	4,790	4,554	2,605	98	2.15	7,966	26,977	9,278	237	0.88	

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-F. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991

NONFEDERAL-AID COLLECTOR SYSTEM

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	6,978	1,120	440	54	4.82	ALABAMA	481	287	1,706	8	2.79
ALASKA	971	197	556	2	1.02	ALASKA	29	20	1,889	0	0.00
ARIZONA	3,234	281	238	9	3.20	ARIZONA	930	793	2,336	1	0.13
ARKANSAS	11,588	1,951	461	94	4.82	ARKANSAS	701	356	1,391	1	0.28
CALIFORNIA	11,602	4,245	1,002	140	3.30	CALIFORNIA	2,700	3,729	3,784	49	1.31
COLORADO	16,954	1,780	306	48	2.70	COLORADO	533	662	3,403	8	1.21
CONNECTICUT	1,199	816	1,405	12	1.95	CONNECTICUT	193	184	2,612	4	2.17
DELAWARE	156	80	1,405	0	0.00	DELAWARE	13	25	5,269	0	0.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	3	685	0	0.00
FLORIDA	5,496	2,062	1,028	87	4.22	FLORIDA	2,146	3,554	4,537	0	0.00
GEORGIA	7,258	2,066	780	46	2.23	GEORGIA	-	-	-	-	-
HAWAII	136	190	3,828	5	2.63	HAWAII	1	1	2,740	0	0.00
IDAHO	4,754	314	181	16	4.78	IDAHO	147	133	2,479	0	0.00
ILLINOIS	4,856	1,414	798	37	2.62	ILLINOIS	198	195	2,698	3	1.54
INDIANA	10,287	1,923	512	42	2.18	INDIANA	173	104	1,647	0	0.00
IOWA	16,390	750	125	29	3.87	IOWA	81	62	2,097	0	0.00
KANSAS	9,393	304	89	12	3.95	KANSAS	271	439	4,438	6	1.14
KENTUCKY	9,380	2,196	643	94	4.28	KENTUCKY	96	19	542	0	0.00
LOUISIANA	4,304	1,452	924	45	3.10	LOUISIANA	350	248	1,941	3	1.21
MAINE	2,787	1,038	1,020	21	2.02	MAINE	32	32	2,740	2	6.25
MARYLAND	1,880	782	1,140	16	2.05	MARYLAND	485	591	3,339	13	2.20
MASSACHUSETTS	1,951	414	581	17	4.11	MASSACHUSETTS	156	111	1,949	2	1.80
MICHIGAN	7,578	1,806	653	58	3.21	MICHIGAN	662	638	2,640	7	1.10
MINNESOTA	11,676	1,068	251	25	2.34	MINNESOTA	1,239	2,023	4,473	19	0.94
MISSISSIPPI	2,917	386	363	14	3.83	MISSISSIPPI	2	1	1,370	0	0.00
MISSOURI	5,444	412	207	18	4.37	MISSOURI	895	999	3,058	12	1.20
MONTANA	11,093	467	116	8	1.71	MONTANA	127	101	2,179	0	0.00
NEBRASKA	9,231	286	85	18	6.29	NEBRASKA	-	-	-	-	-
NEVADA	2,487	218	242	7	3.21	NEVADA	335	399	3,263	10	2.51
NEW HAMPSHIRE	1,232	429	954	10	2.33	NEW HAMPSHIRE	4	3	2,055	0	0.00
NEW JERSEY	1,300	977	2,059	25	2.56	NEW JERSEY	96	117	3,339	4	3.42
NEW MEXICO	2,875	392	374	22	5.61	NEW MEXICO	169	259	4,199	6	2.32
NEW YORK	10,833	5,455	1,380	98	1.80	NEW YORK	384	874	6,236	6	0.69
NORTH CAROLINA	9,237	3,878	1,150	149	3.84	NORTH CAROLINA	1,014	804	2,172	3	0.37
NORTH DAKOTA	7,959	217	76	9	4.15	NORTH DAKOTA	13	2	421	0	0.00
OHIO	7,117	2,265	872	1	0.04	OHIO	-	-	-	-	-
OKLAHOMA	12,725	1,216	262	7	0.58	OKLAHOMA	450	312	1,900	6	1.92
OREGON	9,206	903	269	20	2.21	OREGON	131	110	2,301	0	0.00
PENNSYLVANIA	8,371	2,804	918	75	2.67	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	153	65	1,164	1	1.54	RHODE ISLAND	-	-	-	-	-
SOUTH CAROLINA	4,006	652	446	32	4.91	SOUTH CAROLINA	624	432	1,897	3	0.69
SOUTH DAKOTA	7,366	171	64	9	5.26	SOUTH DAKOTA	14	13	2,544	0	0.00
TENNESSEE	10,797	2,459	624	91	3.70	TENNESSEE	-	-	-	-	-
TEXAS	24,204	3,296	373	80	2.43	TEXAS	5,284	5,852	3,034	1	0.02
UTAH	4,615	337	200	4	1.19	UTAH	82	49	1,637	1	2.04
VERMONT	989	180	499	4	2.22	VERMONT	-	-	-	-	-
VIRGINIA	3,410	521	419	17	3.26	VIRGINIA	186	2	29	0	0.00
WASHINGTON	6,541	1,759	737	43	2.44	WASHINGTON	40	62	4,247	0	0.00
WEST VIRGINIA	2,171	349	440	9	2.58	WEST VIRGINIA	2	1	1,370	0	0.00
WISCONSIN	7,227	1,063	403	28	2.63	WISCONSIN	559	816	3,019	8	1.30
WYOMING	7,661	436	156	14	3.21	WYOMING	5	5	2,740	0	0.00
TOTAL	390,933	59,841	494	1,721	2.89	TOTAL	22,025	25,222	3,137	185	0.73

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-6. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991
NONFEDERAL-AID LOCAL SYSTEM

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	48,888	9,910	220	114	2.92	12,283	4,888	1,049	43	0.92	
ALASKA	7,186	469	179	110	1.49	1,170	336	1,170	8	2.98	
ARIZONA	30,388	1,718	156	60	6.40	10,323	3,382	800	37	1.09	
ARKANSAS	44,884	1,117	68	252	4.48	4,617	644	368	3	0.47	
CALIFORNIA	67,308	2,412	115	52	10.45	50,476	14,213	771	257	1.81	
COLORADO	42,617	634	34	6	0.82	7,785	1,638	576	15	0.92	
CONNECTICUT	6,252	980	421	13	2.79	6,987	1,721	677	25	1.45	
DELAWARE	2,775	488	480	333	10.22	1,181	743	1,753	1	0.13	
DIST. OF COL.	44,856	3,259	200	135	3.00	659	353	1,488	7	1.86	
FLORIDA	57,888	4,503	214	13	1.97	37,740	20,282	1,472	361	1.88	
GEORGIA	1,819	1,819	1,115	40	2.03	16,124	7,208	1,472	113	1.57	
HAWAII	47,332	1,970	114	112	3.22	1,635	437	2,750	6	0.58	
IOWA	78,987	3,482	124	151	5.99	22,828	7,052	854	115	1.14	
ILLINOIS	48,960	2,520	141	45	3.08	11,955	4,330	992	44	1.02	
INDIANA	65,085	1,483	62	51	3.25	5,407	1,055	535	14	1.33	
IOWA	83,904	1,571	51	73	3.69	6,489	1,713	725	19	1.11	
KENTUCKY	41,467	2,568	170	90	3.69	4,922	1,745	971	22	1.28	
LOUISIANA	31,307	2,438	213	28	4.15	8,800	1,976	815	47	2.38	
MAINE	12,277	1,002	224	55	4.75	1,520	240	435	2	0.83	
MARYLAND	18,187	1,043	350	34	3.28	8,955	1,798	1,798	43	2.39	
MASSACHUSETTS	59,081	2,600	121	126	4.85	13,367	6,317	550	95	1.79	
MICHIGAN	76,884	2,448	87	49	2.00	19,087	5,689	817	98	1.69	
MINNESOTA	44,287	3,959	245	68	2.22	10,281	2,721	727	23	0.85	
MISSISSIPPI	75,207	3,408	124	97	2.85	5,158	1,785	948	14	0.78	
MISSOURI	48,104	724	43	15	2.07	10,274	2,477	661	25	1.01	
MONTANA	59,841	1,252	58	43	3.43	1,618	650	1,101	4	0.15	
NEBRASKA	35,352	940	169	11	3.61	3,599	707	538	1	0.57	
NEVADA	7,712	544	24	16	2.94	2,172	593	764	13	2.19	
NEW HAMPSHIRE	39,514	2,272	156	37	2.34	15,795	258	480	4	1.55	
NEW JERSEY	48,594	3,429	192	111	1.63	4,477	1,169	1,654	43	0.40	
NEW MEXICO	51,285	3,386	181	236	3.24	26,099	8,221	883	16	1.91	
NORTH CAROLINA	60,290	6,851	31	16	8.92	19,749	7,354	1,485	200	2.72	
NORTH DAKOTA	57,448	6,151	293	289	2.34	1,119	289	708	4	1.38	
OHIO	69,463	1,884	74	116	4.70	21,220	10,359	1,337	216	2.09	
OKLAHOMA	82,989	1,538	85	29	6.18	8,170	3,349	1,129	33	0.99	
OREGON	36,541	2,197	165	162	2.94	18,751	5,693	630	13	1.02	
PENNSYLVANIA	58,897	1,551	127	3	11.11	8,610	881	881	139	2.38	
RHODE ISLAND	47,098	1,650	96	100	5.64	3,445	709	301	23	3.24	
SOUTH CAROLINA	143,270	4,148	79	281	2.90	6,455	288	622	1	0.37	
SOUTH DAKOTA	28,847	520	53	12	8.08	11,071	3,276	810	62	1.89	
TENNESSEE	8,711	3,257	151	20	6.78	57,937	21,363	1,010	548	2.56	
UTAH	34,187	2,211	261	44	4.31	4,322	1,693	1,073	15	0.68	
VIRGINIA	44,504	2,577	479	31	2.49	10,675	5,522	1,391	1	0.27	
WASHINGTON	20,500	984	129	126	3.22	11,971	3,205	1,391	41	0.74	
WEST VIRGINIA	68,682	2,395	98	6	5.26	9,972	446	620	7	1.57	
WISCONSIN	22,811	98,154	41	6	1.78	1,238	181	1,431	19	0.37	
WYOMING	2,148,926	98,154	125	4,070	4.15	528,122	188,365	981	3,052	1.82	
TOTAL											

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-H. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991

TOTAL RURAL AND URBAN SYSTEMS

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	73,838	22,577	838	898	3.08	ALABAMA	18,885	20,347	3,305	284	1.40
ALASKA	11,983	2,281	522	58	2.48	ALASKA	1,581	1,740	3,054	34	1.95
ARIZONA	41,153	13,802	906	443	3.28	ARIZONA	14,170	21,327	4,124	284	1.33
ARKANSAS	69,488	14,079	555	439	3.12	ARKANSAS	7,883	7,855	2,801	91	1.18
CALIFORNIA	91,094	55,094	1,858	1,636	2.97	CALIFORNIA	74,847	202,882	7,426	2,555	1.26
COLORADO	68,539	11,459	472	304	2.65	COLORADO	11,341	16,285	3,934	176	1.08
CONNECTICUT	9,180	6,715	2,008	80	1.19	CONNECTICUT	10,964	19,913	4,976	201	1.01
DELAWARE	3,869	2,880	2,039	55	1.91	DELAWARE	1,643	3,841	6,405	35	0.91
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	1,102	3,430	8,527	50	1.75
FLORIDA	61,627	32,904	1,463	1,028	3.12	FLORIDA	47,747	80,579	4,624	1,190	1.48
GEORGIA	88,425	34,448	1,067	748	2.17	GEORGIA	22,057	38,557	4,789	478	1.24
HAWAII	2,595	2,874	3,034	71	2.47	HAWAII	1,507	5,269	9,579	48	0.91
IDAHO	59,471	7,111	328	192	2.70	IDAHO	2,738	3,207	3,209	29	0.90
ILLINOIS	104,040	28,929	709	583	2.16	ILLINOIS	32,131	58,501	4,988	708	1.21
INDIANA	74,107	29,498	1,091	611	2.07	INDIANA	17,922	24,768	3,786	292	1.18
IOWA	103,749	15,026	397	330	2.20	IOWA	8,805	7,994	2,487	93	1.18
KANSAS	124,360	12,793	282	267	2.09	KANSAS	9,107	10,393	3,127	83	0.80
KENTUCKY	62,029	20,911	924	567	2.71	KENTUCKY	14,302	7,697	5,091	155	1.08
LOUISIANA	48,264	18,584	1,101	537	2.89	LOUISIANA	12,272	16,126	3,600	240	1.49
MAINE	19,943	8,723	1,198	154	1.77	MAINE	2,501	3,126	3,424	28	0.83
MARYLAND	16,575	14,042	2,321	271	1.93	MARYLAND	12,409	27,307	6,029	358	1.31
MASSACHUSETTS	13,308	8,897	1,791	114	1.31	MASSACHUSETTS	21,017	37,840	4,933	396	1.05
MICHIGAN	90,780	33,118	999	657	1.98	MICHIGAN	28,765	48,817	4,997	618	1.27
MINNESOTA	114,641	18,528	443	327	1.76	MINNESOTA	14,797	20,726	3,838	142	0.69
MISSISSIPPI	65,170	16,982	713	496	2.92	MISSISSIPPI	7,360	7,935	2,954	97	1.22
MISSOURI	105,022	24,976	645	614	2.48	MISSOURI	15,033	26,006	4,740	292	1.12
MONTANA	68,492	8,221	249	152	2.44	MONTANA	2,275	2,093	2,621	20	0.98
NEBRASKA	87,707	8,932	279	202	2.26	NEBRASKA	4,981	5,163	2,851	40	0.77
NEVADA	42,422	4,372	282	151	3.45	NEVADA	3,156	6,138	5,328	109	1.78
NEW HAMPSHIRE	12,435	8,263	1,380	104	1.68	NEW HAMPSHIRE	2,433	3,672	4,135	30	0.82
NEW JERSEY	11,767	11,747	2,735	213	1.81	NEW JERSEY	22,501	47,542	5,789	525	1.10
NEW MEXICO	50,407	10,242	557	320	3.12	NEW MEXICO	5,869	6,531	3,156	102	1.56
NEW YORK	73,381	31,885	1,183	626	1.98	NEW YORK	38,061	75,976	5,469	1,202	1.58
NORTH CAROLINA	75,572	34,857	1,264	833	2.39	NORTH CAROLINA	19,572	30,026	4,203	380	1.27
NORTH DAKOTA	64,814	4,401	142	75	1.70	NORTH DAKOTA	1,811	1,550	2,345	11	0.71
OHIO	82,178	36,531	1,218	770	2.11	OHIO	31,387	56,471	4,929	681	1.21
OKLAHOMA	99,844	18,922	464	387	2.29	OKLAHOMA	12,417	17,318	3,821	163	0.94
OREGON	86,944	13,995	441	308	2.20	OREGON	9,358	11,767	3,445	116	0.99
PENNSYLVANIA	88,290	39,258	1,218	887	2.28	PENNSYLVANIA	28,358	48,024	4,833	623	1.30
RHODE ISLAND	1,623	976	1,756	16	1.64	RHODE ISLAND	4,597	6,176	3,681	68	1.10
SOUTH CAROLINA	54,724	22,252	1,114	616	2.77	SOUTH CAROLINA	9,358	12,204	3,573	173	1.42
SOUTH DAKOTA	81,486	5,223	176	117	2.24	SOUTH DAKOTA	1,751	1,488	2,328	13	0.87
TENNESSEE	89,378	23,158	915	649	2.80	TENNESSEE	15,478	24,109	4,288	353	1.46
TEXAS	217,294	55,529	700	1,328	2.39	TEXAS	76,215	103,227	3,711	1,369	1.33
UTAH	37,523	5,970	436	129	2.16	UTAH	5,632	9,421	4,583	100	1.08
VERMONT	12,940	4,269	904	86	2.01	VERMONT	1,196	1,601	3,567	14	0.87
VIRGINIA	52,634	28,670	1,492	582	2.03	VIRGINIA	15,409	32,429	5,766	258	0.80
WASHINGTON	63,313	17,295	748	981	2.20	WASHINGTON	16,569	29,154	4,821	221	0.76
WEST VIRGINIA	31,684	11,383	984	311	2.73	WEST VIRGINIA	3,089	4,643	4,118	61	1.31
WISCONSIN	95,820	24,019	687	541	2.25	WISCONSIN	14,552	21,439	4,036	136	0.63
WYOMING	38,717	4,840	346	87	1.87	WYOMING	1,980	1,358	1,879	17	1.25
TOTAL	3,139,435	883,621	771	21,147	2.39	TOTAL	749,884	1,286,593	4,708	15,748	1.22

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-A. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991¹
FEDERAL-AID INTERSTATE SYSTEM

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 2/					NUMBER	RATE 2/
ALABAMA	644	4,515	19,208	733	18.23	ALABAMA	265	3,737	40,150	696	18.62
ALASKA	1,038	701	1,850	428	61.06	ALASKA	51	430	23,100	319	74.19
ARIZONA	1,039	6,014	13,221	1,243	24.79	ARIZONA	130	2,939	61,939	880	29.94
ARKANSAS	419	2,830	18,505	277	9.79	ARKANSAS	123	1,780	39,648	398	22.38
CALIFORNIA	1,415	14,754	28,587	3,059	20.73	CALIFORNIA	984	61,191	142,530	15,570	30.42
COLORADO	793	3,604	12,451	1,259	34.93	COLORADO	150	3,561	65,041	2,005	58.30
CONNECTICUT	109	1,421	35,717	268	18.86	CONNECTICUT	232	6,394	75,508	2,323	36.33
DELAWARE	-	-	-	-	-	DELAWARE	41	972	64,952	258	26.54
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	437	99,772	257	56.81
FLORIDA	1,022	9,115	24,435	1,591	17.45	FLORIDA	422	11,166	72,492	4,043	36.21
GEORGIA	873	9,019	28,285	1,363	15.12	GEORGIA	372	10,039	73,936	4,169	41.53
HAWAII	5	102	55,890	45	44.12	HAWAII	38	1,386	99,928	828	59.60
IDAHO	533	1,543	7,931	421	27.28	IDAHO	74	598	22,140	157	28.25
ILLINOIS	1,415	7,723	14,953	1,473	19.07	ILLINOIS	547	14,374	71,994	8,781	47.18
INDIANA	863	6,943	22,042	1,541	22.20	INDIANA	274	5,104	51,035	734	14.38
IOWA	844	3,307	14,069	478	14.45	IOWA	138	1,379	27,377	428	30.89
KANSAS	712	2,550	9,812	488	19.14	KANSAS	160	2,020	34,589	828	40.99
KENTUCKY	579	4,827	22,841	765	15.85	KENTUCKY	184	3,647	54,303	1,130	30.98
LOUISIANA	857	4,481	18,686	1,135	25.33	LOUISIANA	187	3,559	52,143	1,971	55.38
MAINE	313	1,694	14,828	396	23.38	MAINE	53	449	23,210	212	47.22
MARYLAND	241	3,179	36,139	475	14.94	MARYLAND	240	8,432	96,258	2,680	31.78
MASSACHUSETTS	170	2,098	33,811	994	47.38	MASSACHUSETTS	397	10,417	71,888	3,993	38.33
MICHIGAN	783	5,782	20,231	2,094	36.22	MICHIGAN	455	11,413	68,722	4,905	42.98
MINNESOTA	681	2,994	12,045	526	17.57	MINNESOTA	230	5,080	60,274	1,584	31.30
MISSISSIPPI	560	2,777	13,586	323	11.63	MISSISSIPPI	124	1,292	28,548	326	25.23
MISSOURI	841	5,570	18,145	1,117	20.05	MISSOURI	336	8,083	65,908	3,675	45.47
MONTANA	1,144	1,796	4,301	528	29.40	MONTANA	47	166	9,676	45	27.11
NEBRASKA	444	1,946	12,008	381	18.55	NEBRASKA	37	640	47,390	361	56.41
NEVADA	499	1,572	8,631	448	28.37	NEVADA	46	1,001	59,619	920	91.91
NEW HAMPSHIRE	180	1,363	20,746	224	16.43	NEW HAMPSHIRE	44	672	41,843	93	13.84
NEW JERSEY	131	2,190	45,801	268	12.24	NEW JERSEY	275	8,183	81,524	3,140	38.37
NEW MEXICO	906	3,452	10,439	904	26.19	NEW MEXICO	93	1,090	32,111	530	46.62
NEW YORK	856	5,666	18,135	2,296	40.52	NEW YORK	642	13,854	59,122	7,524	54.31
NORTH CAROLINA	703	6,801	28,505	1,677	24.66	NORTH CAROLINA	251	4,442	48,485	706	15.89
NORTH DAKOTA	530	949	4,306	133	14.01	NORTH DAKOTA	40	181	12,397	48	26.62
OHIO	847	7,945	25,699	1,677	21.11	OHIO	726	15,563	58,730	7,609	48.89
OKLAHOMA	723	3,620	13,718	658	18.18	OKLAHOMA	207	3,282	43,439	1,687	51.40
OREGON	595	3,698	17,028	449	12.14	OREGON	132	2,872	59,610	1,098	36.23
PENNSYLVANIA	1,186	8,027	18,861	1,522	18.96	PENNSYLVANIA	422	7,764	50,406	2,237	28.81
RHODE ISLAND	21	256	33,399	26	10.16	RHODE ISLAND	49	1,406	78,613	520	36.98
SOUTH CAROLINA	873	5,818	23,685	640	11.00	SOUTH CAROLINA	125	2,207	48,373	662	30.00
SOUTH DAKOTA	632	1,341	5,813	281	20.95	SOUTH DAKOTA	46	223	13,282	99	44.39
TENNESSEE	780	6,772	23,786	1,152	17.01	TENNESSEE	282	6,778	58,135	2,265	39.20
TEXAS	2,286	12,134	14,542	2,866	23.62	TEXAS	943	23,311	67,726	17,626	76.47
UTAH	792	2,431	8,409	739	30.40	UTAH	146	2,871	53,875	960	33.44
VERMONT	288	999	9,570	142	14.21	VERMONT	34	245	19,742	26	10.61
VIRGINIA	777	7,300	25,740	1,116	15.29	VIRGINIA	299	8,158	74,751	2,243	27.49
WASHINGTON	520	3,755	19,784	1,002	26.68	WASHINGTON	242	7,564	85,633	3,897	51.52
WEST VIRGINIA	458	2,838	16,965	693	24.44	WEST VIRGINIA	92	1,175	34,991	475	40.43
WISCONSIN	516	4,055	21,530	908	22.39	WISCONSIN	124	2,655	58,661	944	35.68
WYOMING	863	1,752	5,562	606	34.69	WYOMING	50	163	8,932	70	42.94
TOTAL	93,677	205,011	16,678	43,806	21.37	TOTAL	11,603	285,325	67,372	117,131	41.06

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE

OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.

2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-B. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991¹

FEDERAL-AID PRIMARY SYSTEM - NONINTERSTATE

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 2/					NUMBER	RATE 2/
ALABAMA	5,882	8,544	3,980	4,762	55.74	ALABAMA	869	4,670	14,723	2,825	80.49
ALASKA	949	469	1,354	237	50.53	ALASKA	63	229	9,958	308	133.62
ARIZONA	3,254	3,718	3,130	2,484	66.81	ARIZONA	259	2,251	23,811	1,556	69.12
ARKANSAS	4,748	5,753	9,320	2,095	38.42	ARKANSAS	487	2,329	13,102	1,520	65.26
CALIFORNIA	9,501	23,345	6,732	10,349	44.33	CALIFORNIA	1,578	39,603	68,759	19,889	50.22
COLORADO	3,822	4,218	3,024	1,904	45.14	COLORADO	695	4,692	20,244	4,210	89.73
CONNECTICUT	712	2,340	9,004	1,511	64.57	CONNECTICUT	582	4,742	22,323	5,375	113.35
DELAWARE	334	1,705	13,988	879	39.82	DELAWARE	108	775	19,860	1,018	131.35
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	178	1,890	29,090	4,826	255.34
FLORIDA	6,742	14,098	8,727	7,064	50.11	FLORIDA	2,300	20,617	24,559	20,872	101.24
GEORGIA	8,616	12,422	3,950	7,161	57.85	GEORGIA	1,571	9,847	17,173	14,634	148.61
HAWAII	390	1,339	9,406	919	68.63	HAWAII	121	1,491	33,760	1,741	116.77
IDAHO	2,669	2,128	2,184	970	45.58	IDAHO	86	426	13,571	422	99.06
ILLINOIS	7,840	10,005	3,496	5,655	56.52	ILLINOIS	2,059	14,028	18,675	21,445	152.87
INDIANA	4,236	9,748	6,305	5,970	61.24	INDIANA	772	4,620	16,398	5,161	111.71
IOWA	8,051	8,990	2,358	2,881	38.69	IOWA	714	2,403	9,221	3,964	164.98
KANSAS	7,708	5,881	2,019	1,956	34.43	KANSAS	335	1,597	13,061	1,967	123.17
KENTUCKY	3,368	8,168	5,020	3,967	64.32	KENTUCKY	473	2,857	16,548	3,915	137.03
LOUISIANA	2,657	4,799	4,948	2,855	59.49	LOUISIANA	483	3,157	17,907	7,373	233.54
MAINE	1,823	3,203	4,814	2,012	82.82	MAINE	188	921	13,422	2,197	238.55
MARYLAND	1,565	6,383	11,174	3,670	57.50	MARYLAND	557	8,699	32,950	7,696	114.88
MASSACHUSETTS	1,011	3,305	9,498	2,992	85.36	MASSACHUSETTS	1,199	9,078	20,743	8,921	98.27
MICHIGAN	6,268	12,071	5,285	10,054	83.29	MICHIGAN	974	7,987	22,466	1,733	21.70
MINNESOTA	8,850	8,323	2,636	3,226	38.78	MINNESOTA	645	3,741	15,890	3,392	90.67
MISSISSIPPI	5,428	8,221	3,140	2,514	40.41	MISSISSIPPI	344	1,653	13,165	1,878	113.61
MISSOURI	6,481	10,135	4,298	4,076	40.21	MISSOURI	549	3,589	17,911	3,502	97.58
MONTANA	5,351	2,598	1,330	1,109	42.89	MONTANA	103	460	12,236	160	34.78
NEBRASKA	6,935	4,171	1,848	1,574	37.74	NEBRASKA	283	1,392	14,501	2,732	198.26
NEVADA	1,790	1,362	2,085	508	37.30	NEVADA	71	1,024	39,514	558	54.30
NEW HAMPSHIRE	984	2,443	8,943	1,073	43.92	NEW HAMPSHIRE	164	1,054	17,608	899	85.29
NEW JERSEY	797	3,579	12,303	3,970	110.92	NEW JERSEY	666	9,053	37,241	12,248	135.29
NEW MEXICO	3,862	2,897	2,167	1,535	52.99	NEW MEXICO	228	1,080	12,978	1,894	175.37
NEW YORK	6,402	11,548	4,941	20,181	174.61	NEW YORK	2,077	21,378	28,199	27,862	130.33
NORTH CAROLINA	3,761	9,221	6,717	4,897	53.11	NORTH CAROLINA	609	4,547	20,456	3,298	72.53
NORTH DAKOTA	5,437	1,773	893	567	31.98	NORTH DAKOTA	138	439	8,716	574	130.75
OHIO	4,976	10,930	6,018	7,807	71.43	OHIO	1,590	9,962	17,168	18,718	187.89
OKLAHOMA	4,876	5,812	3,266	1,938	33.34	OKLAHOMA	432	2,255	14,301	1,845	81.82
OREGON	4,840	5,111	3,018	2,471	48.35	OREGON	403	2,868	19,484	3,245	113.22
PENNSYLVANIA	7,772	18,748	5,904	11,317	67.57	PENNSYLVANIA	2,177	15,495	19,502	15,611	100.74
RHODE ISLAND	183	468	7,866	212	45.30	RHODE ISLAND	271	1,589	16,084	1,873	117.87
SOUTH CAROLINA	4,988	8,500	4,588	5,025	59.12	SOUTH CAROLINA	726	4,772	18,008	5,845	122.49
SOUTH DAKOTA	5,886	2,231	1,075	787	35.28	SOUTH DAKOTA	108	429	10,883	831	193.71
TENNESSEE	5,251	9,054	4,724	5,453	60.23	TENNESSEE	945	5,920	17,163	7,431	125.52
TEXAS	14,828	22,020	4,089	8,132	36.93	TEXAS	1,977	18,849	26,121	19,831	105.21
UTAH	2,508	1,801	1,989	849	47.14	UTAH	110	620	15,442	721	118.29
VERMONT	1,041	1,532	4,032	651	42.49	VERMONT	89	345	11,388	324	93.91
VIRGINIA	1,520	10,701	19,288	5,997	56.04	VIRGINIA	1,002	5,242	14,333	5,533	105.55
WASHINGTON	4,372	5,317	3,332	3,573	67.20	WASHINGTON	652	5,846	24,565	3,993	68.30
WEST VIRGINIA	2,202	3,751	4,667	3,803	101.39	WEST VIRGINIA	213	1,082	13,917	1,833	169.41
WISCONSIN	8,358	11,880	3,894	6,748	56.80	WISCONSIN	1,001	5,825	16,943	7,019	120.50
WYOMING	2,885	1,598	1,528	504	31.54	WYOMING	124	406	8,970	511	125.86
TOTAL	222,794	330,295	4,062	192,423	58.26	TOTAL	34,281	277,823	22,216	297,725	107.18

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE

OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.

2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-C. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991¹

FEDERAL-AID URBAN SYSTEM

STATE	ARTERIAL				STATE	COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
			NUMBER	RATE 2/					NUMBER	RATE 2/
ALABAMA	1,648	4,899	4,877	99.67	ALABAMA	1,283	1,877	4.104	4,205	223.87
ALASKA	133	599	1,375	229.65	ALASKA	104	77	2.028	215	279.22
ARIZONA	1,745	16,829	19,792	184.64	ARIZONA	720	993	3,779	1,035	104.23
ARKANSAS	1,851	2,014	1,929	95.78	ARKANSAS	306	268	2,982	210	78.95
CALIFORNIA	12,785	83,126	105,330	126.71	CALIFORNIA	5,081	7,717	4.161	14,861	192.45
COLORADO	1,604	5,289	9,211	174.15	COLORADO	626	437	1,913	485	110.98
CONNECTICUT	1,295	4,475	9,927	114.56	CONNECTICUT	1,721	317	3,708	3,430	147.27
DELAWARE	163	996	1,141	114.56	DELAWARE	144	322	6.126	368	116.09
DIST. OF COL.	89	421	1,711	406.41	DIST. OF COL.	2,740	8,065	6.064	1,648	511.80
FLORIDA	2,025	18,475	33,059	200.66	FLORIDA	1,802	3,877	5.590	65	115.91
GEORGIA	2,188	7,788	10,771	138.34	GEORGIA	1,802	3,877	7.454	4,262	115.91
HAWAII	143	875	2,135	244.00	HAWAII	275	228	2.271	844	173.31
IDAHO	474	1,267	1,631	128.73	IDAHO	275	228	2.271	242	106.14
ILLINOIS	3,584	16,208	24,200	128.73	ILLINOIS	3,106	6,605	5.828	242	146.03
INDIANA	2,952	8,911	10,133	119.31	INDIANA	1,777	1,836	2.522	1,929	117.91
IOWA	1,483	2,478	3,485	140.64	IOWA	968	588	1.684	1,099	186.90
KANSAS	1,156	3,586	5,444	152.66	KANSAS	500	399	2.186	413	103.51
KENTUCKY	1,215	4,577	6,883	150.38	KENTUCKY	805	1,455	4.952	1,723	118.42
LOUISIANA	1,369	5,544	7,478	134.88	LOUISIANA	792	1,021	3.532	176	17.24
MAINE	344	1,098	1,877	170.95	MAINE	362	381	2.884	627	184.57
MARYLAND	1,477	8,284	14,598	176.22	MARYLAND	686	1,480	6.911	2,894	195.54
MASSACHUSETTS	3,335	10,139	21,399	211.18	MASSACHUSETTS	2,570	2,783	2,967	7,780	279.55
MICHIGAN	4,125	19,213	29,006	160.97	MICHIGAN	790	1,404	4.869	5,357	361.65
MINNESOTA	1,725	6,568	10,460	123.37	MINNESOTA	670	579	2,368	911	157.34
MISSISSIPPI	959	2,364	3,132	132.49	MISSISSIPPI	761	820	2,952	1,068	130.24
MISSOURI	1,891	8,777	11,500	111.50	MISSOURI	585	780	3,700	1,861	108.99
MONTANA	242	605	9,785	73.55	MONTANA	101	84	2,279	180	130.48
NEBRASKA	657	1,940	5,080	261.86	NEBRASKA	406	484	3,274	1,092	225.62
NEVADA	456	2,867	6,381	222.57	NEVADA	101	208	3,274	291	136.90
NEW HAMPSHIRE	386	1,173	1,520	129.58	NEW HAMPSHIRE	337	325	6.842	449	139.15
NEW JERSEY	3,554	12,921	40,595	314.18	NEW JERSEY	1,825	2,930	4,999	8,226	200.75
NEW MEXICO	475	13,618	4,290	161.70	NEW MEXICO	1,135	252	5.114	540	214.29
NEW YORK	5,164	25,228	42,782	169.62	NEW YORK	3,586	5,659	4,348	6,231	110.11
NORTH CAROLINA	2,788	10,522	6,832	126.72	NORTH CAROLINA	383	418	3.155	303	73.14
NORTH DAKOTA	288	464	588	83.94	NORTH DAKOTA	213	175	2.251	226	129.14
OHIO	3,718	13,794	34,368	249.15	OHIO	4,133	8,793	4.503	15,177	223.42
OKLAHOMA	2,242	7,188	7,795	108.44	OKLAHOMA	755	762	2.765	741	97.24
OREGON	1,208	3,410	6,847	200.79	OREGON	848	1,182	3,828	1,708	144.33
PENNSYLVANIA	3,855	13,947	16,134	115.66	PENNSYLVANIA	3,193	4,924	4.295	2,614	53.09
RHODE ISLAND	432	1,760	2,911	163.54	RHODE ISLAND	501	573	3.133	655	114.31
SOUTH CAROLINA	632	2,805	5,454	209.37	SOUTH CAROLINA	537	1,039	5.301	1	0.10
SOUTH DAKOTA	291	458	975	213.82	SOUTH DAKOTA	102	84	2.286	123	146.43
TENNESSEE	1,353	6,715	11,147	166.35	TENNESSEE	1,611	2,421	3.834	9,814	157.54
TEXAS	6,676	25,688	22,180	86.35	TEXAS	1,611	1,824	3.102	122	6.69
UTAH	540	3,131	5,641	180.17	UTAH	390	998	7,011	1,390	139.28
VERMONT	171	488	558	119.23	VERMONT	178	172	2.647	1,218	126.74
VIRGINIA	1,642	10,628	14,845	138.70	VIRGINIA	1,404	2,142	4.180	3,113	145.33
WASHINGTON	2,497	9,940	14,845	99.33	WASHINGTON	1,736	2,490	3.925	2,820	113.25
WEST VIRGINIA	407	1,435	2,873	188.99	WEST VIRGINIA	402	503	3,428	377	74.95
WISCONSIN	2,160	6,503	10,104	155.37	WISCONSIN	795	645	2,223	1,383	214.42
WYOMING	239	4,494	428	109.18	WYOMING	323	230	1.951	1,228	99.13
TOTAL	92,629	402,891	609,879	151.40	TOTAL	55,258	82,050	4.058	118,340	144.23

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 4-D. NONFATAL INJURY ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1991¹**

FEDERAL-AID SECONDARY SYSTEM

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS NUMBER	RATE 2/
ALABAMA	11.648	4.488	1.056	1.861	41.47
ALASKA	1.802	428	651	408	95.33
ARIZONA	3.238	2,871	2.429	1.145	39.88
ARKANSAS	7.389	2,120	786	1.105	52.12
CALIFORNIA	11.192	10,309	2.524	6,868	66.62
COLORADO	3.427	1,322	1.057	932	70.50
CONNECTICUT	879	1,378	4.295	1,156	83.89
DELAWARE	604	629	2.853	381	60.57
DIST. OF COL.	-	-	-	-	-
FLORIDA	4.359	2.961	1.861	6.136	207.23
GEORGIA	14.012	6.444	1,260	4.350	67.50
HAWAII	435	583	3,672	474	81.30
IDAHO	4.182	1.153	755	629	54.55
ILLINOIS	12.942	4,305	911	3,655	84.90
INDIANA	9.759	8,363	2,348	4,952	59.21
IOWA	13.576	2,575	520	2,153	83.61
KANSAS	22.643	2,687	325	1,628	60.59
KENTUCKY	7.226	5,148	1,952	5,215	101.30
LOUISIANA	7.329	5,412	2,023	5,204	96.16
MAINE	2.742	1,783	1,782	1,098	61.58
MARYLAND	1.922	2,373	3,383	2,244	94.56
MASSACHUSETTS	2.007	1,637	2,235	2,352	143.68
MICHIGAN	17.080	10,859	1,742	12,358	113.80
MINNESOTA	16.650	3,698	608	2,056	55.60
MISSISSIPPI	11.699	3,514	823	1,396	39.73
MISSOURI	18.069	5,451	827	4,194	76.94
MONTANA	4.737	632	366	407	64.40
NEBRASKA	11.456	1,277	305	990	77.53
NEVADA	2.314	915	1,083	433	47.32
NEW HAMPSHIRE	1.235	1,250	2,773	671	53.68
NEW JERSEY	1.703	2,557	4,114	4,005	156.63
NEW MEXICO	3.645	1,228	923	756	61.56
NEW YORK	6.296	5,589	2,432	13,273	237.48
NORTH CAROLINA	10.329	11,403	3,025	8,463	74.22
NORTH DAKOTA	10.596	776	201	275	35.44
OHIO	11.790	9,240	2,147	10,395	112.50
OKLAHOMA	11.775	3,994	929	1,354	33.90
OREGON	7.781	2,632	927	1,525	57.94
PENNSYLVANIA	7.992	6,177	2,118	5,504	89.10
RHODE ISLAND	201	158	2,154	89	56.33
SOUTH CAROLINA	8.536	5,085	1,632	3,762	73.98
SOUTH DAKOTA	11.091	928	229	462	49.78
TENNESSEE	5.450	3,223	1,620	3,155	97.89
TEXAS	32.705	13,931	1,167	9,144	65.64
UTAH	2.724	864	869	551	63.77
VERMONT	1.913	1,079	1,545	542	50.23
VIRGINIA	10.206	6,677	1,792	5,915	88.59
WASHINGTON	7.376	5,253	1,951	8,562	162.99
WEST VIRGINIA	6.353	3,483	1,502	5,310	152.45
WISCONSIN	13.036	4,625	972	3,518	76.06
WYOMING	2.264	499	604	219	43.89
TOTAL	400.315	185.966	1.273	163.230	87.77

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.

2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-E. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991¹
NONFEDERAL-AID ARTERIAL SYSTEM

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 2/					NUMBER	RATE 2/
ALABAMA	-	-	-	-	-	ALABAMA	216	215	2,727	174	80.99
ALASKA	8	17	5.822	8	95.29	ALASKA	11	49	12,204	71	144.90
ARIZONA	-	-	-	-	-	ARIZONA	83	240	10,437	91	37.92
ARKANSAS	380	308	2,344	98	31.82	ARKANSAS	398	488	3,208	532	114.16
CALIFORNIA	16	29	4,986	14	48.28	CALIFORNIA	1,243	3,303	7,280	5,553	188.12
COLORADO	26	1	105	0	0.00	COLORADO	8	8	2,740	45	582.50
CONNECTICUT	9	1	304	19	1,900.00	CONNECTICUT	34	88	6,479	183	289.12
DELAWARE	-	-	-	-	-	DELAWARE	1	13	35,816	2	15.38
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	8	4	1,370	190	4,750.00
FLORIDA	352	1,409	10,987	710	50.39	FLORIDA	374	2,420	17,728	1,818	88.78
GEORGIA	-	-	-	-	-	GEORGIA	-	-	-	-	-
HAWAII	10	1	274	0	0.00	HAWAII	-	-	-	-	-
IDAHO	1	3	8,219	0	0.00	IDAHO	47	118	6,878	51	43.22
ILLINOIS	-	-	-	-	-	ILLINOIS	32	39	3,339	158	400.00
INDIANA	2	1	1,370	0	0.00	INDIANA	19	83	9,084	328	517.48
IOWA	3	1	913	0	0.00	IOWA	14	29	5,875	0	0.00
KANSAS	-	-	-	-	-	KANSAS	216	659	8,359	1,841	249.01
KENTUCKY	31	8	530	0	0.00	KENTUCKY	2	2	2,740	0	0.00
LOUISIANA	10	4	1,098	0	0.00	LOUISIANA	291	821	5,847	425	88.44
MAINE	1	3	8,219	0	0.00	MAINE	2	5	6,849	11	220.00
MARYLAND	-	-	-	-	-	MARYLAND	11	23	5,729	22	95.65
MASSACHUSETTS	-	-	-	-	-	MASSACHUSETTS	3	1	913	5	500.00
MICHIGAN	-	-	-	-	-	MICHIGAN	672	2,473	10,082	731	29.56
MINNESOTA	-	-	-	-	-	MINNESOTA	27	18	1,824	184	1,025.00
MISSISSIPPI	279	105	1,031	47	44.76	MISSISSIPPI	14	20	3,914	31	155.00
MISSOURI	-	-	-	-	-	MISSOURI	503	1,291	7,032	2,189	189.58
MONTANA	83	4	174	0	0.00	MONTANA	37	27	1,999	180	592.59
NEBRASKA	-	-	-	-	-	NEBRASKA	-	-	-	-	-
NEVADA	-	-	-	-	-	NEVADA	21	48	6,001	95	208.52
NEW HAMPSHIRE	21	234	30,528	14	5.88	NEW HAMPSHIRE	28	187	19,705	24	12.83
NEW JERSEY	124	1,504	33,230	605	40.23	NEW JERSEY	286	3,848	34,927	2,120	58.15
NEW MEXICO	5	1	548	0	0.00	NEW MEXICO	92	320	9,529	789	240.31
NEW YORK	-	-	-	-	-	NEW YORK	129	782	18,183	0	0.00
NORTH CAROLINA	257	158	1,884	81	51.27	NORTH CAROLINA	820	1,939	6,478	817	42.14
NORTH DAKOTA	2	1	1,370	0	0.00	NORTH DAKOTA	-	-	-	-	-
OHIO	-	-	-	-	-	OHIO	-	-	-	-	-
OKLAHOMA	282	398	3,847	48	12.12	OKLAHOMA	181	170	2,893	85	50.00
OREGON	81	115	3,890	59	51.30	OREGON	28	49	4,795	88	134.69
PENNSYLVANIA	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	3	2	1,826	0	0.00	RHODE ISLAND	-	-	-	-	-
SOUTH CAROLINA	-	-	-	-	-	SOUTH CAROLINA	258	440	4,654	1,045	237.50
SOUTH DAKOTA	14	1	198	2	200.00	SOUTH DAKOTA	9	15	4,566	10	88.67
TENNESSEE	-	-	-	-	-	TENNESSEE	-	-	-	-	-
TEXAS	3	2	1,826	2	100.00	TEXAS	1,787	6,342	9,723	1,383	21.49
UTAH	39	17	1,194	3	17.85	UTAH	42	59	9,849	75	127.12
VERMONT	-	-	-	-	-	VERMONT	-	-	-	-	-
VIRGINIA	2,534	214	231	0	0.00	VIRGINIA	1	737	2,019,178	73	9.91
WASHINGTON	-	-	-	-	-	WASHINGTON	9	47	14,307	0	0.00
WEST VIRGINIA	-	-	-	-	-	WEST VIRGINIA	1	1	2,740	0	0.00
WISCONSIN	1	1	2,740	0	0.00	WISCONSIN	48	43	2,581	138	320.93
WYOMING	253	15	182	83	553.33	WYOMING	3	1	913	0	0.00
TOTAL	4,790	4,554	2,805	1,792	39.35	TOTAL	7,966	26,977	9,278	21,049	78.03

^{1/} INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND

UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
^{2/} NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-F. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991¹

NONFEDERAL-AID COLLECTOR SYSTEM

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 2/					NUMBER	RATE 2/
ALABAMA	6,976	1,120	440	592	52.86	ALABAMA	461	287	1,706	520	181.18
ALASKA	971	197	556	118	59.90	ALASKA	29	20	1,889	32	180.00
ARIZONA	9,234	281	238	319	111.39	ARIZONA	930	799	2,336	234	29.51
ARKANSAS	11,588	1,951	461	1,008	51.67	ARKANSAS	701	356	1,391	361	101.40
CALIFORNIA	11,602	4,245	1,002	3,180	74.91	CALIFORNIA	2,700	3,729	3,784	7,082	189.92
COLORADO	15,954	1,780	306	1,421	79.83	COLORADO	533	662	3,403	957	144.56
CONNECTICUT	1,199	615	1,405	554	90.08	CONNECTICUT	193	184	2,812	282	153.26
DELAWARE	158	80	1,405	78	95.00	DELAWARE	13	25	6,269	22	88.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	3	886	34	1,133.33
FLORIDA	5,498	2,082	1,028	4,044	196.12	FLORIDA	2,148	3,554	4,537	3	0.08
GEORGIA	7,258	2,066	780	857	41.48	GEORGIA	-	-	-	-	-
HAWAII	136	190	3,828	49	25.79	HAWAII	1	1	2,740	0	0.00
IDAHO	4,754	314	181	81	25.80	IDAHO	147	133	2,479	50	37.59
ILLINOIS	4,856	1,414	798	1,074	75.95	ILLINOIS	198	195	2,698	293	150.26
INDIANA	10,287	1,923	512	2,178	113.18	INDIANA	173	104	1,847	353	339.42
IOWA	18,390	750	125	844	112.53	IOWA	81	62	2,097	0	0.00
KANSAS	9,393	304	89	192	63.16	KANSAS	271	439	4,436	405	92.26
KENTUCKY	2,196	2,196	643	2,573	117.17	KENTUCKY	96	19	542	0	0.00
LOUISIANA	4,304	1,452	924	1,301	89.60	LOUISIANA	350	248	1,941	43	17.34
MAINE	2,787	1,038	1,020	753	72.54	MAINE	32	32	2,740	30	93.75
MARYLAND	1,880	782	1,140	868	110.74	MARYLAND	485	591	3,339	774	130.96
MASSACHUSETTS	1,951	414	581	895	218.18	MASSACHUSETTS	156	111	1,949	153	137.84
MICHIGAN	7,578	1,806	653	2,331	132.39	MICHIGAN	662	638	2,840	4,847	769.72
MINNESOTA	11,676	1,068	251	618	67.87	MINNESOTA	1,239	2,023	4,473	2,600	128.52
MISSISSIPPI	2,917	386	363	119	30.83	MISSISSIPPI	2	1	1,370	0	0.00
MISSOURI	5,444	412	207	353	85.68	MISSOURI	895	999	3,068	1,559	156.06
MONTANA	11,093	467	115	51	10.92	MONTANA	127	101	2,179	35	34.65
NEBRASKA	9,231	286	85	328	113.99	NEBRASKA	-	-	-	-	-
NEVADA	2,467	218	242	147	67.43	NEVADA	335	399	3,263	766	189.22
NEW HAMPSHIRE	1,232	429	954	280	65.27	NEW HAMPSHIRE	4	3	2,055	0	0.00
NEW JERSEY	1,300	977	2,059	1,389	142.17	NEW JERSEY	96	117	3,339	175	149.57
NEW MEXICO	2,875	392	374	291	74.23	NEW MEXICO	169	259	4,199	855	330.12
NEW YORK	10,833	5,455	1,380	13,058	239.38	NEW YORK	384	874	6,236	470	53.78
NORTH CAROLINA	9,237	3,878	1,150	4,108	105.93	NORTH CAROLINA	1,014	804	2,172	302	37.56
NORTH DAKOTA	7,959	217	75	104	47.93	NORTH DAKOTA	13	2	421	2	100.00
OHIO	7,117	2,285	872	3,151	139.12	OHIO	-	-	-	-	-
OKLAHOMA	12,725	1,216	262	195	16.04	OKLAHOMA	450	312	1,900	304	97.44
OREGON	9,206	903	269	279	30.90	OREGON	131	110	2,301	99	90.00
PENNSYLVANIA	6,371	2,804	918	3,052	108.84	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	153	85	1,164	29	44.62	RHODE ISLAND	-	-	-	-	-
SOUTH CAROLINA	4,008	652	446	467	71.63	SOUTH CAROLINA	824	432	1,897	548	126.85
SOUTH DAKOTA	7,366	171	84	112	65.50	SOUTH DAKOTA	14	13	2,544	96	738.48
TENNESSEE	10,797	2,459	624	2,368	96.22	TENNESSEE	-	-	-	-	-
TEXAS	24,204	3,296	373	1,443	43.78	TEXAS	6,284	6,852	3,034	67	0.97
UTAH	4,615	337	200	228	67.66	UTAH	82	49	1,637	83	169.39
VERMONT	989	180	499	105	58.33	VERMONT	-	-	-	-	-
VIRGINIA	3,410	521	419	644	123.61	VIRGINIA	186	2	29	0	0.00
WASHINGTON	6,541	1,759	737	3,277	186.30	WASHINGTON	40	82	4,247	0	0.00
WEST VIRGINIA	2,171	349	440	487	139.54	WEST VIRGINIA	2	1	1,370	0	0.00
WISCONSIN	7,227	1,063	403	1,208	113.64	WISCONSIN	559	818	3,019	1,327	215.42
WYOMING	7,681	436	156	182	41.74	WYOMING	5	5	2,740	0	0.00
TOTAL	330,933	59,641	494	63,427	106.35	TOTAL	22,025	25,222	3,137	25,742	102.06

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE

OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.

2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-G. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991¹

NONFEDERAL-AID LOCAL SYSTEM

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 2/					NUMBER	RATE 2/
ALABAMA	48,888	3,910	220	2,521	84.48	ALABAMA	12,263	4,668	1,043	4,230	90.62
ALASKA	7,195	489	179	218	48.08	ALASKA	1,170	336	787	552	184.29
ARIZONA	30,388	1,718	155	1,778	103.38	ARIZONA	10,323	3,392	900	3,682	108.55
ARKANSAS	44,984	1,117	68	462	41.36	ARKANSAS	4,817	644	366	1,104	171.43
CALIFORNIA	57,308	2,412	115	2,803	118.21	CALIFORNIA	50,476	14,213	771	29,456	207.25
COLORADO	42,517	634	34	1,019	190.82	COLORADO	7,785	1,638	578	1,880	113.69
CONNECTICUT	6,252	960	421	962	100.21	CONNECTICUT	6,967	1,721	877	3,579	207.98
DELAWARE	2,775	466	460	498	106.87	DELAWARE	1,161	743	1,753	470	63.26
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	659	353	1,468	836	236.83
FLORIDA	44,856	3,259	200	13,821	424.09	FLORIDA	37,740	20,282	1,472	28,989	133.07
GEORGIA	57,666	4,503	214	3,990	88.61	GEORGIA	18,124	7,208	1,225	9,717	134.81
HAWAII	1,819	859	1,115	407	61.76	HAWAII	1,025	1,029	2,750	1,185	115.16
IDAHO	47,332	1,970	114	1,025	52.03	IDAHO	1,635	437	732	811	185.58
ILLINOIS	76,987	3,482	124	4,051	116.34	ILLINOIS	22,826	7,052	854	20,819	292.37
INDIANA	48,960	2,520	141	5,328	211.43	INDIANA	11,955	4,330	992	8,529	196.97
IOWA	85,085	1,483	62	3,046	208.20	IOWA	5,407	1,055	535	1,858	176.11
KANSAS	83,904	1,571	51	1,651	105.09	KANSAS	6,469	1,713	725	2,424	141.51
KENTUCKY	41,467	2,566	170	3,320	129.38	KENTUCKY	4,922	1,745	971	3,464	198.51
LOUISIANA	31,307	2,436	213	5,589	229.43	LOUISIANA	8,800	1,976	615	6,983	353.39
MAINE	12,277	1,002	224	1,157	115.47	MAINE	1,520	240	433	470	195.83
MARYLAND	10,967	1,325	331	1,838	138.72	MARYLAND	8,953	1,798	550	7,055	392.38
MASSACHUSETTS	8,187	1,043	350	2,443	234.23	MASSACHUSETTS	13,357	5,317	1,091	14,736	277.15
MICHIGAN	59,081	2,800	121	4,657	179.12	MICHIGAN	19,087	5,689	817	10,748	188.93
MINNESOTA	76,984	2,445	87	2,554	104.46	MINNESOTA	10,261	2,721	727	3,134	115.18
MISSISSIPPI	44,287	3,959	245	1,521	38.42	MISSISSIPPI	5,156	1,785	948	1,821	102.02
MISSOURI	75,207	3,408	124	8,054	236.33	MISSOURI	10,274	2,477	681	4,549	183.65
MONTANA	46,104	724	43	271	37.43	MONTANA	1,618	650	1,101	2,143	329.69
NEBRASKA	59,641	1,252	58	1,521	121.49	NEBRASKA	3,599	707	538	1,250	176.80
NEVADA	35,352	305	24	213	69.84	NEVADA	2,126	593	784	1,277	215.35
NEW HAMPSHIRE	8,803	644	169	982	180.51	NEW HAMPSHIRE	1,472	258	480	281	108.91
NEW JERSEY	7,712	940	934	2,545	270.74	NEW JERSEY	15,799	10,692	1,854	12,015	112.37
NEW MEXICO	39,314	2,272	158	1,340	58.98	NEW MEXICO	4,477	1,169	715	2,233	191.02
NEW YORK	48,994	3,429	192	22,960	669.58	NEW YORK	26,099	8,221	863	32,683	397.55
NORTH CAROLINA	51,285	3,396	181	17,173	505.68	NORTH CAROLINA	13,749	7,354	1,465	19,634	266.98
NORTH DAKOTA	80,290	885	31	195	28.47	NORTH DAKOTA	1,119	289	708	620	214.53
OHIO	57,448	6,151	293	8,622	140.17	OHIO	21,220	10,359	1,337	17,024	184.34
OKLAHOMA	69,463	1,884	74	2,948	156.48	OKLAHOMA	8,170	3,349	1,123	4,495	134.22
OREGON	64,641	1,536	65	651	42.38	OREGON	6,610	1,278	530	1,540	120.50
PENNSYLVANIA	62,989	6,502	239	7,292	132.53	PENNSYLVANIA	18,751	5,893	861	19,697	334.24
RHODE ISLAND	982	27	75	28	96.30	RHODE ISLAND	3,344	828	678	552	66.87
SOUTH CAROLINA	38,541	2,197	165	3,018	137.28	SOUTH CAROLINA	6,465	709	301	2,389	336.95
SOUTH DAKOTA	56,697	551	27	613	111.25	SOUTH DAKOTA	1,181	268	622	439	163.81
TENNESSEE	47,098	1,650	96	3,365	209.94	TENNESSEE	11,071	3,275	810	6,647	202.96
TEXAS	143,270	4,146	79	12,254	295.56	TEXAS	57,937	21,363	1,010	68,250	310.12
UTAH	26,847	520	53	784	150.77	UTAH	4,322	1,693	1,073	1,738	102.66
VERMONT	8,711	479	151	401	83.72	VERMONT	730	371	1,392	126	93.96
VIRGINIA	34,187	3,257	261	3,694	113.42	VIRGINIA	10,875	5,522	1,391	4,518	81.82
WASHINGTON	44,504	1,211	75	5,641	465.81	WASHINGTON	11,391	3,205	771	8,410	200.00
WEST VIRGINIA	20,500	964	129	1,470	152.49	WEST VIRGINIA	1,972	448	620	184	41.28
WISCONSIN	66,682	2,395	98	4,172	174.20	WISCONSIN	9,867	5,152	1,431	3,447	66.91
WYOMING	22,811	340	41	179	52.65	WYOMING	1,238	161	357	335	208.07
TOTAL	2,146,926	98,154	126	177,037	180.37	TOTAL	526,122	188,365	981	378,787	201.09

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE

OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-H. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1991¹
TOTAL RURAL AND URBAN SYSTEMS

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	RATE 2/
			NUMBER	RATE 2/						
ALABAMA	79,938	22,577	10,469	48.37	16,885	20,347	9.305	17,524	86.13	
ALASKA	11,983	2,281	1,413	61.95	1,581	1,740	3,054	2,870	184.94	
ARIZONA	41,153	13,602	6,981	51.16	14,170	21,327	4,124	27,270	127.87	
ARKANSAS	69,488	14,079	5,046	35.83	7,883	7,855	2,801	6,054	77.07	
CALIFORNIA	91,034	65,094	26,273	47.69	74,847	202,882	7,426	197,731	97.46	
COLORADO	66,539	11,459	6,535	57.03	11,341	16,285	3,934	18,773	115.28	
CONNECTICUT	9,180	6,715	4,470	66.57	10,964	19,313	4,976	24,048	120.77	
DELAWARE	3,889	2,680	1,635	56.77	1,643	3,841	6,405	3,279	85.37	
DIST. OF COL.					1,102	3,430	8,527	3,209	277.03	
FLORIDA	61,827	32,904	33,366	101.40	47,747	80,579	4,624	96,647	107.53	
GEORGIA	88,425	34,448	17,721	51.44	22,057	38,557	4,789	43,553	112.96	
HAWAII	2,695	2,874	1,894	65.90	1,507	5,269	9,579	6,731	127.75	
IDAHO	59,471	7,111	3,126	43.96	2,738	3,207	3,209	3,364	104.90	
ILLINOIS	104,040	26,929	15,908	59.07	32,131	58,501	4,988	93,138	142.11	
INDIANA	74,107	19,428	19,967	67.69	17,922	24,768	3,786	27,185	109.68	
IOWA	103,749	15,406	9,202	61.24	8,805	7,994	2,487	10,832	135.50	
KANSAS	124,360	22,793	5,915	46.24	9,107	10,393	3,127	13,122	126.28	
KENTUCKY	62,029	20,911	15,840	75.75	7,697	14,302	5,091	17,115	119.67	
LOUISIANA	46,264	18,584	16,084	86.55	12,272	16,126	3,600	24,449	151.61	
MAINE	19,943	8,723	6,418	62.09	2,501	3,126	3,424	5,424	173.51	
MARYLAND	13,308	14,042	9,093	64.76	12,409	27,307	6,029	35,719	130.81	
MASSACHUSETTS	90,780	8,697	9,676	111.26	21,017	37,840	4,933	56,987	150.60	
MICHIGAN	114,641	93,118	31,554	95.28	26,785	48,817	4,997	67,327	117.43	
MINNESOTA	85,170	16,962	8,980	48.47	14,797	20,728	9,898	19,910	117.43	
MISSISSIPPI	106,022	24,976	5,920	34.90	16,033	26,006	2,954	8,256	96.08	
MISSOURI	88,492	6,221	17,793	71.24	15,033	26,006	4,740	28,121	104.05	
MONTANA	67,707	8,532	2,366	38.03	2,275	2,093	2,851	3,148	150.41	
NEBRASKA	42,422	4,372	4,772	53.43	4,961	5,163	2,851	10,315	203.66	
NEVADA	12,435	6,263	1,747	39.96	3,439	6,138	5,328	10,315	167.40	
NEW HAMPSHIRE	11,767	11,747	3,244	51.80	2,293	3,672	5,328	10,315	167.40	
NEW JERSEY	60,407	10,242	12,782	108.81	22,601	47,542	5,789	3,288	86.94	
NEW MEXICO	73,381	31,685	4,826	47.12	5,889	6,531	3,156	78,619	165.16	
NEW YORK	75,572	94,857	71,748	226.44	38,061	75,976	5,469	117,111	170.13	
NORTH CAROLINA	84,814	4,401	36,399	104.42	19,572	30,028	4,203	33,892	154.74	
NORTH DAKOTA	82,170	1,218	1,274	28.95	1,811	1,550	2,345	2,068	132.88	
OHIO	39,844	16,922	31,652	86.64	31,387	58,471	4,929	92,896	184.50	
OKLAHOMA	88,290	13,995	7,141	42.20	12,417	17,318	4,821	16,952	97.89	
OREGON	88,290	39,258	5,434	36.63	9,358	11,767	3,445	14,601	124.08	
PENNSYLVANIA	1,623	22,252	28,687	79.07	28,398	48,024	4,633	56,293	117.22	
RHODE ISLAND	54,724	5,223	12,382	39.14	4,597	6,176	3,681	6,511	105.42	
SOUTH CAROLINA	81,488	23,158	2,257	43.21	9,358	12,204	3,573	15,944	130.65	
SOUTH DAKOTA	69,376	55,629	15,491	66.89	1,751	1,488	2,328	15,944	130.65	
TENNESSEE	217,294	5,970	33,841	60.94	15,476	24,109	4,268	31,304	172.92	
TEXAS	37,523	4,269	3,154	52.83	78,216	109,227	9,711	127,629	123.64	
UTAH	12,940	4,904	3,154	43.12	5,632	8,421	4,583	10,608	112.60	
VERMONT	62,634	26,670	17,386	60.57	15,409	32,429	3,686	30,325	78.20	
VIRGINIA	83,313	17,295	22,055	103.34	16,589	29,154	4,821	26,993	92.59	
WASHINGTON	31,684	11,363	11,763	103.34	3,089	4,164	4,118	5,581	120.20	
WEST VIRGINIA	24,019	4,840	16,554	68.92	14,552	21,438	4,096	24,382	113.63	
WISCONSIN	38,717	4,640	1,773	38.21	1,960	1,358	1,879	1,572	115.76	
WYOMING										
TOTAL	3,139,435	883,621	841,715	72.62	749,864	1,286,599	4,708	1,568,853	121.73	

^{1/} INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
^{2/} NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 5-A. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1991
FEDERAL-AID INTERSTATE SYSTEM

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	844	4,515	19,208	62	1.37	255	3,737	40,150	31	0.83	
ALASKA	1,036	701	1,850	24	3.42	51	430	23,100	4	0.93	
ARIZONA	1,039	5,014	15,221	122	2.43	130	2,938	61,939	17	0.58	
ARKANSAS	1,419	2,830	18,505	29	1.02	123	1,780	39,848	12	1.07	
CALIFORNIA	1,415	14,754	28,567	276	1.87	984	51,191	142,530	315	0.62	
COLORADO	793	3,604	12,451	61	1.69	150	9,561	65,041	28	0.79	
CONNECTICUT	109	1,421	35,717	11	0.77	232	8,394	75,508	28	0.44	
DELAWARE	-	-	-	-	-	41	8,972	84,952	9	0.92	
DIST. OF COL.	-	-	-	-	-	12	437	99,772	4	0.92	
FLORIDA	1,022	9,115	24,435	131	1.44	422	11,186	72,492	94	0.84	
GEORGIA	873	9,013	28,285	167	0.74	372	10,039	75,938	70	0.70	
HAWAII	5	102	55,890	2	1.96	38	10,338	93,928	5	0.36	
ILLINOIS	533	1,543	7,931	27	1.75	74	1,598	22,140	5	0.84	
INDIANA	1,415	7,723	14,953	70	0.91	547	14,374	71,934	94	0.85	
IOWA	863	6,943	22,042	61	0.88	274	6,104	51,035	24	0.47	
KANSAS	644	3,307	14,069	28	0.79	138	1,379	34,689	10	0.73	
KENTUCKY	712	2,550	9,812	17	0.67	160	2,020	54,303	12	0.59	
LOUISIANA	575	4,827	16,886	45	0.93	184	3,647	52,143	30	0.82	
MAINE	657	4,461	16,828	22	1.50	187	3,559	23,210	4	0.84	
MARYLAND	313	1,694	36,139	30	1.30	240	4,49	96,256	4	0.69	
MASSACHUSETTS	241	3,179	36,811	50	0.94	200	8,432	71,888	38	0.43	
MICHIGAN	170	2,098	20,231	9	0.35	397	10,417	86,722	35	0.34	
MINNESOTA	783	5,782	12,045	32	0.55	455	11,413	60,274	58	0.49	
MISSISSIPPI	681	2,994	13,586	24	0.80	230	5,080	28,546	10	0.20	
MISSOURI	580	2,777	18,145	40	1.44	124	1,292	85,908	9	0.70	
MONTANA	841	5,570	4,301	61	1.45	336	8,083	9,878	68	0.84	
NEBRASKA	1,144	1,946	12,008	35	1.95	47	188	47,390	5	3.01	
NEVADA	444	1,572	6,831	20	1.03	37	640	59,819	8	0.94	
NEW HAMPSHIRE	489	1,363	20,746	51	3.24	46	1,001	41,843	13	1.30	
NEW JERSEY	180	2,190	45,601	17	1.32	44	672	81,524	2	0.88	
NEW MEXICO	131	3,452	10,439	14	0.32	275	8,183	32,111	12	0.64	
NEW YORK	906	6,566	18,135	104	3.01	83	13,854	59,122	77	0.69	
NORTH CAROLINA	858	6,801	26,505	63	0.93	642	4,442	48,465	86	1.42	
NORTH DAKOTA	703	6,801	4,906	7	0.74	251	4,181	12,397	83	0.55	
OHIO	530	7,945	25,699	52	0.85	726	15,583	58,730	35	0.22	
OKLAHOMA	647	3,820	13,718	45	1.24	40	3,282	49,439	16	0.94	
OREGON	723	3,598	17,028	39	1.05	207	2,872	59,610	31	0.56	
PENNSYLVANIA	585	8,027	18,961	72	0.90	422	7,784	50,406	53	0.88	
RHODE ISLAND	21	256	39,399	1	0.39	49	1,408	78,613	15	1.07	
SOUTH CAROLINA	873	5,818	5,813	1	0.98	125	2,207	48,373	17	0.77	
SOUTH DAKOTA	632	6,772	23,766	17	1.27	48	2,223	13,282	1	0.45	
TENNESSEE	780	6,772	14,542	72	1.06	282	5,778	56,135	41	0.71	
TEXAS	2,286	12,134	8,408	208	1.70	146	29,811	67,728	295	1.27	
UTAH	792	2,431	9,570	68	2.80	94	28,871	53,675	18	0.63	
VERMONT	286	999	25,740	13	1.30	34	8,158	19,742	2	0.92	
VIRGINIA	777	7,300	16,965	85	0.89	299	7,584	86,633	23	0.28	
WASHINGTON	520	3,755	19,784	54	1.44	242	1,175	94,981	23	0.50	
WEST VIRGINIA	458	2,838	16,965	49	1.73	92	1,175	58,661	17	1.45	
WISCONSIN	516	4,055	21,530	91	0.76	124	2,855	58,661	5	0.19	
WYOMING	863	1,752	5,562	28	1.60	150	2,183	8,832	4	2.45	
TOTAL	39,677	205,011	16,878	2,564	1.25	11,603	285,325	87,372	1,908	0.67	

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-B. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1991

FEDERAL-AID PRIMARY SYSTEM - NONINTERSTATE

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	5,882	8,544	3,980	325	3.80	ALABAMA	869	4,670	14,723	89	2.12
ALASKA	949	469	1,954	8	1.71	ALASKA	63	2,229	9,959	1	0.44
ARIZONA	3,254	3,718	3,130	179	4.81	ARIZONA	269	2,251	23,911	15	0.67
ARKANSAS	4,748	5,753	3,320	186	3.23	ARKANSAS	487	2,329	13,102	35	1.50
CALIFORNIA	9,601	23,345	6,732	719	3.08	CALIFORNIA	1,578	39,603	68,759	493	1.09
COLORADO	3,822	4,218	3,024	128	3.03	COLORADO	635	4,692	20,244	54	1.15
CONNECTICUT	712	2,340	9,004	31	1.32	CONNECTICUT	582	4,742	22,323	48	1.01
DELAWARE	334	1,705	13,986	90	1.76	DELAWARE	108	775	19,660	13	1.68
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	178	1,890	29,090	38	1.90
FLORIDA	5,742	14,098	6,727	410	2.91	FLORIDA	2,300	20,817	24,559	305	1.48
GEORGIA	8,618	12,422	3,950	368	2.96	GEORGIA	1,571	9,847	17,173	166	1.69
HAWAII	390	1,339	9,406	45	3.36	HAWAII	121	1,491	33,760	19	1.27
IDAHO	2,669	2,128	2,184	87	4.09	IDAHO	86	426	13,571	4	0.94
ILLINOIS	7,840	10,005	3,496	280	2.80	ILLINOIS	2,058	14,028	18,675	242	1.73
INDIANA	4,236	9,748	6,305	242	2.48	INDIANA	772	4,820	16,396	84	1.82
IOWA	8,051	6,930	2,358	194	2.80	IOWA	714	2,403	9,221	39	1.82
KANSAS	7,708	5,681	2,019	132	2.32	KANSAS	335	1,597	13,061	13	0.81
KENTUCKY	3,388	6,168	5,020	211	3.42	KENTUCKY	473	2,857	16,548	46	1.61
LOUISIANA	2,657	4,799	4,948	161	3.35	LOUISIANA	483	3,157	17,907	64	2.03
MAINE	1,823	3,203	4,814	52	1.62	MAINE	188	921	13,422	7	0.76
MARYLAND	1,565	6,383	11,174	132	2.07	MARYLAND	557	6,699	32,950	105	1.57
MASSACHUSETTS	1,011	3,505	9,498	36	1.03	MASSACHUSETTS	1,199	9,078	20,743	77	0.85
MICHIGAN	8,258	12,071	5,285	223	1.85	MICHIGAN	974	7,987	22,486	112	1.40
MINNESOTA	8,850	8,323	2,636	158	1.90	MINNESOTA	645	3,741	15,890	39	1.04
MISSISSIPPI	5,428	6,221	3,140	281	4.52	MISSISSIPPI	344	1,653	13,165	30	1.81
MISSOURI	8,481	10,135	4,298	280	2.76	MISSOURI	549	3,589	17,911	41	1.14
MONTANA	5,351	2,598	1,330	95	3.66	MONTANA	103	460	12,236	6	1.30
NEBRASKA	8,935	4,171	1,648	100	2.40	NEBRASKA	263	1,392	14,501	13	0.93
NEVADA	1,790	1,962	2,085	68	4.99	NEVADA	71	1,024	39,514	18	1.56
NEW HAMPSHIRE	984	2,443	6,943	41	1.88	NEW HAMPSHIRE	164	1,054	17,608	11	1.04
NEW JERSEY	797	3,579	12,303	74	2.07	NEW JERSEY	668	9,053	37,241	123	1.36
NEW MEXICO	3,662	2,897	2,167	143	4.94	NEW MEXICO	228	1,080	12,978	23	2.19
NEW YORK	8,402	11,546	4,941	269	2.33	NEW YORK	2,077	21,378	28,199	321	1.50
NORTH CAROLINA	3,761	9,221	6,717	184	2.00	NORTH CAROLINA	609	4,547	20,456	32	0.70
NORTH DAKOTA	5,437	1,773	893	30	1.69	NORTH DAKOTA	138	439	8,716	2	0.46
OHIO	4,976	10,930	6,018	368	3.37	OHIO	1,590	9,962	17,166	192	1.93
OKLAHOMA	4,878	5,812	3,266	186	2.86	OKLAHOMA	432	2,255	14,301	20	0.89
OREGON	4,640	5,111	3,018	171	3.35	OREGON	403	2,866	19,484	30	1.05
PENNSYLVANIA	7,772	16,748	5,904	477	2.85	PENNSYLVANIA	2,177	16,496	19,502	253	1.63
RHODE ISLAND	189	468	7,866	6	1.28	RHODE ISLAND	271	1,589	16,064	24	1.51
SOUTH CAROLINA	4,968	8,500	4,688	287	3.14	SOUTH CAROLINA	726	4,772	18,008	66	1.38
SOUTH DAKOTA	5,686	2,231	1,075	57	2.55	SOUTH DAKOTA	108	429	10,883	3	0.70
TENNESSEE	5,251	9,054	4,724	306	3.38	TENNESSEE	945	5,920	17,163	108	1.82
TEXAS	14,826	22,020	4,069	507	2.30	TEXAS	1,977	18,849	26,121	309	1.64
UTAH	2,508	1,801	1,969	49	2.72	UTAH	110	820	15,442	11	1.77
VERMONT	1,041	1,532	4,032	31	2.02	VERMONT	83	345	11,388	4	1.16
VIRGINIA	1,520	10,701	19,288	285	2.66	VIRGINIA	1,002	5,242	14,333	61	1.16
WASHINGTON	4,372	5,317	3,332	173	3.25	WASHINGTON	652	5,846	24,565	42	0.72
WEST VIRGINIA	2,202	3,751	4,667	128	3.41	WEST VIRGINIA	213	1,082	13,917	17	1.57
WISCONSIN	8,358	11,880	3,894	318	2.66	WISCONSIN	1,001	5,825	15,943	54	0.93
WYOMING	2,865	1,598	1,528	39	2.44	WYOMING	124	408	8,970	1	0.25
TOTAL	222,794	330,295	4,062	9,248	2.80	TOTAL	34,261	277,823	22,216	3,869	1.39

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-C. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1991
FEDERAL-AID URBAN SYSTEM

STATE	ARTERIAL				STATE	COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		MIDWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		
				NUMBER					RATE 1/	NUMBER	RATE 1/
ALABAMA	1,548	4,893	8,680	107	2.19	1,253	1,877	4,104	20	1.07	
ALASKA	1,399	10,599	12,339	16	2.67	104	77	2,028	4	5.19	
ARIZONA	1,748	10,719	16,629	211	1.97	720	993	9,779	13	1.31	
ARKANSAS	851	8,484	17,813	25	1.24	5,081	286	2,282	1	0.38	
CALIFORNIA	12,785	83,128	178,813	1,515	1.82	5,081	7,717	4,161	109	1.41	
COLORADO	1,804	5,289	9,034	73	1.38	1,721	437	3,708	5	1.14	
CONNECTICUT	1,235	4,475	9,927	79	1.77	1,721	2,329	3,708	25	1.07	
DELAWARE	163	898	16,741	13	1.31	156	317	5,567	4	1.26	
DIST. OF COL.	89	421	12,960	9	2.14	144	322	6,126	5	1.85	
FLORIDA	2,025	18,475	22,290	49	2.73	2,740	6,065	8,064	0	0.00	
GEORGIA	2,168	7,786	12,220	49	1.57	1,802	3,877	5,590	39	1.06	
HAWAII	143	875	16,764	12	1.37	1,802	487	7,454	7	1.44	
IDAHO	474	1,267	7,323	18	1.42	275	228	2,271	1	0.44	
ILLINOIS	3,564	18,208	12,459	215	1.33	3,106	6,505	5,826	94	1.42	
INDIANA	2,852	8,911	8,270	128	1.44	1,777	1,536	2,522	35	2.14	
IOWA	1,483	2,478	4,578	28	1.13	968	588	1,664	10	1.70	
KANSAS	1,156	3,568	8,451	24	0.67	500	399	2,186	5	1.25	
KENTUCKY	1,215	4,577	10,321	54	1.18	806	1,456	4,952	15	1.03	
LOUISIANA	1,369	5,544	11,095	54	1.70	792	1,021	9,532	12	1.18	
MAINE	344	1,098	8,745	6	0.55	362	381	2,884	9	2.36	
MARYLAND	1,477	8,284	15,366	153	1.85	686	686	5,911	26	1.76	
MASSACHUSETTS	3,395	8,324	8,324	166	1.64	2,570	2,783	4,869	48	1.72	
MICHIGAN	4,125	19,213	12,761	357	1.88	2,790	1,404	4,869	25	1.78	
MINNESOTA	1,725	6,588	10,460	51	0.77	670	578	2,388	8	1.58	
MISSISSIPPI	659	2,364	6,754	34	1.44	761	820	2,952	16	1.95	
MISSOURI	1,891	8,777	12,716	143	1.63	585	790	3,700	9	1.14	
MONTANA	242	605	6,849	4	0.68	405	84	2,279	2	2.38	
NEBRASKA	657	1,940	8,090	15	0.77	101	484	3,274	6	1.24	
NEVADA	456	2,867	17,225	60	2.09	101	208	5,642	0	0.00	
NEW HAMPSHIRE	388	1,173	8,326	9	0.77	337	325	2,642	8	1.85	
NEW JERSEY	3,554	12,921	9,961	231	1.79	1,825	2,930	4,399	52	1.77	
NEW MEXICO	475	2,361	13,618	43	1.82	135	852	5,114	3	1.19	
NEW YORK	5,164	25,228	13,385	606	2.40	3,586	5,659	4,348	102	1.60	
NORTH CAROLINA	2,768	10,522	10,422	96	0.91	213	418	3,156	1	1.67	
NORTH DAKOTA	288	484	4,414	3	0.66	263	175	2,251	1	0.57	
OHIO	3,718	13,794	10,165	137	0.99	4,755	6,793	4,503	144	2.12	
OKLAHOMA	2,242	7,188	8,784	92	1.14	3,193	762	2,785	4	0.52	
OREGON	1,208	3,410	7,734	50	1.47	846	1,182	3,828	14	1.18	
PENNSYLVANIA	3,855	13,947	9,912	189	1.36	1,993	4,924	4,225	31	0.63	
RHODE ISLAND	432	1,780	11,289	21	1.18	501	573	3,133	7	1.22	
SOUTH CAROLINA	632	2,605	11,293	50	2.30	537	1,039	6,301	0	0.00	
SOUTH DAKOTA	291	456	4,293	6	1.75	102	84	2,256	0	0.00	
TENNESSEE	1,353	8,715	13,597	106	1.68	1,825	2,421	3,634	51	2.11	
TEXAS	8,876	25,688	10,541	292	1.14	1,611	1,824	9,102	5	0.27	
UTAH	540	3,131	15,885	52	1.66	390	998	7,011	9	0.90	
VERMONT	171	468	7,498	6	1.28	178	172	2,847	3	1.74	
VIRGINIA	1,642	10,628	17,730	117	1.10	1,404	2,142	4,180	31	1.45	
WASHINGTON	2,497	9,940	10,906	113	1.14	1,738	2,480	3,925	33	1.33	
WEST VIRGINIA	407	1,435	9,660	29	2.02	402	503	3,428	3	0.60	
WISCONSIN	2,160	6,503	12,248	43	0.66	795	845	2,223	12	1.86	
WYOMING	239	392	4,494	6	1.53	323	230	1,951	6	2.61	
TOTAL	92,829	402,831	11,915	8,480	1.61	55,258	82,050	4,068	1,077	1.31	

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-D. FATALITIES
BY STATE AND HIGHWAY SYSTEM - 1991**

FEDERAL-AID SECONDARY SYSTEM

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/
ALABAMA	11,648	4,488	1,056	230	5.12
ALASKA	1,802	428	651	22	5.14
ARIZONA	3,238	2,871	2,429	89	3.10
ARKANSAS	7,389	2,120	786	105	4.95
CALIFORNIA	11,192	10,309	2,524	502	4.87
COLORADO	3,427	1,322	1,057	58	4.39
CONNECTICUT	879	1,378	4,295	23	1.67
DELAWARE	604	629	2,853	16	2.54
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,359	2,961	1,861	111	3.75
GEORGIA	14,012	6,444	1,260	233	3.62
HAWAII	435	583	3,672	19	3.26
IDAHO	4,182	1,153	755	51	4.42
ILLINOIS	12,942	4,305	911	155	3.60
INDIANA	9,759	8,363	2,348	196	2.34
IOWA	13,576	2,575	520	86	3.34
KANSAS	22,643	2,687	325	99	3.68
KENTUCKY	7,226	5,148	1,952	219	4.25
LOUISIANA	7,329	5,412	2,023	224	4.14
MAINE	2,742	1,783	1,782	41	2.30
MARYLAND	1,922	2,373	3,383	77	3.24
MASSACHUSETTS	2,007	1,637	2,235	25	1.53
MICHIGAN	17,080	10,859	1,742	272	2.50
MINNESOTA	16,650	3,698	608	121	3.27
MISSISSIPPI	11,699	3,514	823	153	4.35
MISSOURI	18,069	5,451	827	209	3.83
MONTANA	4,737	632	366	24	3.80
NEBRASKA	11,456	1,277	305	43	3.37
NEVADA	2,314	915	1,083	45	4.92
NEW HAMPSHIRE	1,235	1,250	2,773	25	2.00
NEW JERSEY	1,703	2,557	4,114	71	2.78
NEW MEXICO	3,645	1,228	923	52	4.23
NEW YORK	6,296	5,589	2,432	167	2.99
NORTH CAROLINA	10,329	11,403	3,025	287	2.52
NORTH DAKOTA	10,596	776	201	18	2.32
OHIO	11,790	9,240	2,147	200	2.16
OKLAHOMA	11,775	3,994	929	109	2.73
OREGON	7,781	2,632	927	95	3.61
PENNSYLVANIA	7,992	6,177	2,118	188	3.04
RHODE ISLAND	201	158	2,154	6	3.80
SOUTH CAROLINA	8,536	5,085	1,632	196	3.85
SOUTH DAKOTA	11,091	928	229	29	3.13
TENNESSEE	5,450	3,223	1,620	146	4.53
TEXAS	32,705	13,931	1,167	444	3.19
UTAH	2,724	864	869	25	2.89
VERMONT	1,913	1,079	1,545	25	2.32
VIRGINIA	10,206	6,677	1,792	211	3.16
WASHINGTON	7,376	5,253	1,951	121	2.30
WEST VIRGINIA	6,353	3,483	1,502	124	3.56
WISCONSIN	13,036	4,625	972	120	2.59
WYOMING	2,264	499	604	13	2.61
TOTAL	400,315	185,966	1,273	6,120	3.29

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-E. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1991

NONFEDERAL-AID ARTERIAL SYSTEM

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	8	17	5.822	0	0.00	216	215	2.727	2	0.93	
ALASKA						11	49	12.264	4	8.16	
ARIZONA	380	508	2.344	19	8.17	83	240	10.437	4	0.00	
ARKANSAS	16	29	4.988	0	0.00	398	486	3.208	18	3.43	
CALIFORNIA	28	1	1.05	0	0.00	1,243	3,303	7.280	50	1.51	
COLORADO	9	1	304	0	0.00	8	88	2.740	1	12.50	
CONNECTICUT						34	88	5.479	10	14.71	
DELAWARE						1	13	35.616	0	0.00	
DIST. OF COL.	352	1,409	10.987	52	3.89	8	4	1.370	2	50.00	
FLORIDA	10	1	274	0	0.00	374	2,420	17.728	34	1.40	
GEORGIA	1	3	8.219	0	0.00						
HAWAII						47	118	8.878	2	1.89	
IDAHO	2	1	1.370	0	0.00	32	39	3.339	2	5.13	
ILLINOIS	3	1	913	0	0.00	19	63	9.084	1	1.59	
INDIANA	31	6	530	0	0.00	14	29	5.675	0	0.00	
IOWA	10	4	1,098	0	0.00	216	859	8.359	9	1.37	
KANSAS	1	3	8.219	1	33.33	291	821	2.740	0	0.00	
KENTUCKY						2	5	5.847	4	0.64	
LOUISIANA						2	5	6.849	0	0.00	
MAINE						11	23	5.729	0	0.00	
MARYLAND						3	1	9.13	0	0.00	
MASSACHUSETTS						872	2,473	10.082	4	0.16	
MICHIGAN						27	18	1.624	0	0.00	
MINNESOTA	278	105	1,031	2	1.90	14	20	3.914	0	0.00	
MISSISSIPPI	63	4	174	1	25.00	503	1,291	7.032	15	1.16	
MISSOURI						37	27	1.899	2	7.41	
MONTANA											
NEBRASKA						21	48	6.001	2	4.35	
NEVADA						26	187	19.705	0	0.00	
NEW HAMPSHIRE	124	294	30.528	1	0.43	286	3,848	34.927	24	0.68	
NEW JERSEY	5	1,504	33.230	27	1.80	92	360	9.529	8	2.50	
NEW MEXICO						129	782	18.183	0	0.00	
NEW YORK	257	158	1,684	2	1.27	820	1,939	6.478	8	0.41	
NORTH CAROLINA	2	1	1,370	0	0.00						
NORTH DAKOTA						161	170	2.893	0	0.00	
OHIO	282	396	3,847	7	1.77	28	49	4.795	0	0.00	
OKLAHOMA	81	115	3,890	3	2.81						
OREGON	3	2	1,826	0	0.00	259	440	4.654	21	4.77	
PENNSYLVANIA	14	1	198	0	0.00	9	15	4.566	0	0.00	
RHODE ISLAND						1,787	6,342	9.723	25	0.39	
SOUTH CAROLINA						42	59	3.849	1	1.89	
SOUTH DAKOTA	39	17	1,194	2	11.76						
TENNESSEE						1	737	2,019.178	2	0.27	
TEXAS	2,534	214	231	0	0.00	9	47	14.307	0	0.00	
UTAH						1	1	2.740	0	0.00	
VERMONT						46	43	2.581	2	4.65	
VIRGINIA	1	15	162	0	0.00	3	1	913	0	0.00	
WASHINGTON											
WEST VIRGINIA											
WISCONSIN											
WYOMING											
TOTAL	4,780	4,554	2,605	122	2.88	7,986	26,977	9,278	251	0.93	

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-F. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1991

NONFEDERAL-AID COLLECTOR SYSTEM

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	6,876	1,120	440	59	5.27	ALABAMA	461	287	1,708	9	3.14
ALASKA	971	197	558	2	1.02	ALASKA	29	20	1,889	0	0.00
ARIZONA	3,234	281	238	12	4.27	ARIZONA	930	793	2,338	1	0.13
ARKANSAS	11,588	1,951	461	110	5.64	ARKANSAS	701	356	1,391	1	0.28
CALIFORNIA	11,802	4,245	1,002	155	3.65	CALIFORNIA	2,700	3,729	3,784	51	1.37
COLORADO	15,954	1,780	308	53	2.98	COLORADO	533	682	3,403	10	1.51
CONNECTICUT	1,199	615	1,405	15	2.44	CONNECTICUT	193	184	2,812	6	2.72
DELAWARE	158	80	1,405	0	0.00	DELAWARE	13	25	5,289	0	0.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	3	685	0	0.00
FLORIDA	5,496	2,082	1,028	95	4.61	FLORIDA	2,148	3,554	4,537	0	0.00
GEORGIA	7,258	2,088	780	49	2.37	GEORGIA	-	-	-	-	-
HAWAII	138	190	3,828	8	3.18	HAWAII	1	1	2,740	0	0.00
IDAHO	4,754	314	181	19	6.05	IDAHO	147	133	2,479	0	0.00
ILLINOIS	4,858	1,414	798	44	3.11	ILLINOIS	198	195	2,698	3	1.54
INDIANA	10,287	1,923	512	48	2.39	INDIANA	173	104	1,647	0	0.00
IOWA	18,390	750	125	29	3.87	IOWA	61	82	2,097	0	0.00
KANSAS	9,393	304	89	12	3.95	KANSAS	271	439	4,438	6	1.37
KENTUCKY	9,360	2,198	843	104	4.74	KENTUCKY	98	19	542	0	0.00
LOUISIANA	4,304	1,452	924	47	3.24	LOUISIANA	350	248	1,941	3	1.21
MAINE	2,787	1,038	1,020	24	2.31	MAINE	32	32	2,740	2	6.25
MARYLAND	1,880	782	1,140	17	2.17	MARYLAND	485	591	3,339	13	2.20
MASSACHUSETTS	1,951	414	581	19	4.59	MASSACHUSETTS	158	111	1,949	2	1.80
MICHIGAN	7,578	1,808	653	82	3.43	MICHIGAN	662	838	2,840	16	2.51
MINNESOTA	11,878	1,088	251	25	2.34	MINNESOTA	1,239	2,023	4,473	19	0.94
MISSISSIPPI	2,917	386	383	20	5.18	MISSISSIPPI	2	1	1,370	0	0.00
MISSOURI	5,444	412	207	21	5.10	MISSOURI	895	999	3,058	12	1.20
MONTANA	11,093	487	115	10	2.14	MONTANA	127	101	2,179	0	0.00
NEBRASKA	9,231	288	85	20	6.89	NEBRASKA	-	-	-	-	-
NEVADA	2,467	218	242	7	3.21	NEVADA	335	399	3,263	10	2.51
NEW HAMPSHIRE	1,232	429	954	10	2.33	NEW HAMPSHIRE	4	3	2,055	0	0.00
NEW JERSEY	1,300	977	2,059	27	2.76	NEW JERSEY	96	117	3,339	4	3.42
NEW MEXICO	2,876	392	374	25	6.38	NEW MEXICO	169	259	4,189	6	2.32
NEW YORK	10,833	5,455	1,380	106	1.94	NEW YORK	384	874	6,236	6	0.69
NORTH CAROLINA	9,237	3,878	1,150	159	4.10	NORTH CAROLINA	1,014	804	2,172	3	0.37
NORTH DAKOTA	7,959	217	75	12	5.53	NORTH DAKOTA	13	2	421	0	0.00
OHIO	7,117	2,285	872	2	0.09	OHIO	-	-	-	-	-
OKLAHOMA	12,725	1,218	262	10	0.82	OKLAHOMA	450	312	1,900	6	1.92
OREGON	9,208	909	289	24	2.66	OREGON	131	110	2,301	0	0.00
PENNSYLVANIA	8,371	2,804	918	79	2.82	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	153	85	1,184	1	1.54	RHODE ISLAND	-	-	-	-	-
SOUTH CAROLINA	4,008	652	446	38	5.83	SOUTH CAROLINA	824	432	1,897	3	0.69
SOUTH DAKOTA	7,368	171	84	9	5.28	SOUTH DAKOTA	14	13	2,544	0	0.00
TENNESSEE	10,797	2,459	824	102	4.15	TENNESSEE	-	-	-	-	-
TEXAS	24,204	3,286	373	90	2.73	TEXAS	5,284	5,852	3,034	1	0.02
UTAH	4,615	337	200	6	1.78	UTAH	82	49	1,637	1	2.04
VERMONT	989	180	499	5	2.78	VERMONT	-	-	-	-	-
VIRGINIA	3,410	521	419	18	3.45	VIRGINIA	186	2	29	0	0.00
WASHINGTON	6,541	1,759	737	45	2.58	WASHINGTON	40	82	4,247	0	0.00
WEST VIRGINIA	2,171	349	440	9	2.58	WEST VIRGINIA	2	1	1,370	0	0.00
WISCONSIN	7,227	1,083	403	37	3.48	WISCONSIN	559	618	3,019	8	1.30
WYOMING	7,661	438	156	18	4.13	WYOMING	5	6	2,740	0	0.00
TOTAL	330,933	59,641	494	1,914	3.21	TOTAL	22,025	25,222	3,137	201	0.80

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-6. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1991

NONFEDERAL-AID LOCAL SYSTEM

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 /V	NUMBER	RATE /V
ALABAMA	48,886	3,310	220	123	3.15	12,263	4,868	1,043	45	0.98	
ALASKA	7,196	469	179	17	1.49	1,170	338	787	9	2.68	
ARIZONA	30,388	1,718	156	120	8.98	10,923	3,392	900	37	1.70	
ARKANSAS	44,984	1,117	88	58	5.19	4,817	844	368	4	0.62	
CALIFORNIA	57,308	2,412	115	278	11.53	69,476	14,213	771	282	1.98	
COLORADO	42,517	534	34	65	10.30	7,785	1,838	578	17	1.04	
CONNECTICUT	5,252	980	421	7	0.73	8,987	1,721	877	28	1.63	
DELAWARE	2,775	488	460	15	3.22	1,161	1,743	1,753	2	0.27	
DIST. OF COL.											
FLORIDA	44,858	3,269	200	365	11.20	37,740	353	1,458	7	1.98	
GEORGIA	57,886	4,503	214	162	3.36	1,472	20,282	1,472	418	2.08	
HAWAII	1,619	669	114	14	2.12	16,124	7,208	1,225	123	1.71	
IDAHO	47,332	1,970	114	45	2.28	1,025	1,029	2,750	6	0.58	
ILLINOIS	78,987	3,482	124	125	3.59	1,635	437	732	5	1.14	
INDIANA	49,960	2,520	141	161	6.39	22,526	7,052	854	124	1.78	
IOWA	85,085	1,483	62	50	3.42	4,330	992	92	18	1.52	
KANSAS	41,467	1,571	51	65	3.50	5,407	1,055	535	25	1.46	
KENTUCKY	31,307	2,586	173	79	3.08	4,469	1,713	726	23	1.32	
LOUISIANA	12,277	1,002	224	100	4.11	8,800	1,745	871	50	2.53	
MAINE	10,987	1,525	331	83	3.29	1,820	1,976	615	3	1.26	
MASSACHUSETTS	8,167	1,043	350	58	3.46	8,853	1,798	550	47	2.61	
MICHIGAN	59,081	2,600	121	145	5.68	13,357	5,317	1,091	99	1.88	
MINNESOTA	76,984	2,445	87	63	2.17	19,087	5,689	817	104	0.85	
MISSISSIPPI	44,287	3,959	245	97	2.45	2,721	2,721	727	29	0.65	
MISSOURI	75,207	3,408	124	107	3.14	5,156	1,785	948	17	0.95	
MONTANA	48,104	724	43	15	2.07	10,274	2,477	661	25	1.01	
NEBRASKA	59,641	1,252	59	48	3.83	1,618	650	1,101	1	0.15	
NEVADA	35,352	505	24	12	3.83	3,598	707	598	4	0.57	
NEW HAMPSHIRE	8,603	544	169	16	3.83	2,126	593	784	13	2.19	
NEW JERSEY	7,712	940	334	22	2.94	1,472	258	480	4	1.55	
NEW MEXICO	39,314	2,272	158	39	1.72	15,799	10,692	1,854	50	0.47	
NEW YORK	48,594	3,429	192	125	3.65	4,477	1,189	715	16	1.37	
NORTH CAROLINA	51,285	3,398	181	255	7.51	26,099	8,221	863	157	1.91	
NORTH DAKOTA	60,260	665	31	16	2.34	13,749	7,354	1,465	210	2.88	
OHIO	57,448	6,151	293	289	4.70	1,119	289	708	4	1.38	
OKLAHOMA	69,463	1,884	74	198	7.22	21,220	10,359	1,337	216	2.09	
OREGON	84,641	1,538	65	29	1.89	6,170	3,348	1,123	35	1.05	
PENNSYLVANIA	82,989	5,502	239	171	3.11	8,610	1,278	530	13	1.02	
RHODE ISLAND	38,541	2,197	185	141	11.11	3,344	828	881	4	0.46	
SOUTH CAROLINA	58,697	551	27	18	6.42	6,465	709	301	24	3.39	
SOUTH DAKOTA	47,098	1,650	96	113	3.27	1,181	288	622	1	0.37	
TENNESSEE	143,270	4,146	78	309	7.45	11,071	3,275	810	88	2.08	
TEXAS	26,647	520	53	12	2.31	57,937	21,363	1,010	690	2.78	
UTAH	8,711	479	151	20	4.18	4,322	1,893	1,073	17	1.00	
VERMONT	34,187	3,257	281	84	2.58	10,875	3,371	1,392	1	0.27	
VIRGINIA	44,504	1,211	75	49	4.05	11,391	5,522	1,391	45	0.81	
WEST VIRGINIA	20,500	964	129	32	3.92	1,872	3,205	771	29	0.90	
WISCONSIN	68,882	2,395	96	147	6.14	9,867	5,148	620	7	1.57	
WYOMING	22,611	340	41	8	1.76	1,236	5,161	1,357	22	0.62	
TOTAL	2,148,926	96,154	125	4,445	4.53	528,122	186,385	981	3,263	1.73	

/V FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-H. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1991

TOTAL RURAL AND URBAN SYSTEMS

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	73,638	22,577	838	799	3.54	18,865	20,347	3,305	313	1.54	
ALASKA	11,883	2,261	522	63	3.54	1,561	1,740	3,054	30	2.10	
ARIZONA	41,183	13,602	505	522	3.64	14,170	21,327	4,124	284	1.38	
ARKANSAS	89,488	14,079	555	507	3.60	7,865	7,865	2,801	101	1.28	
CALIFORNIA	91,034	65,084	1,858	1,930	3.50	74,847	202,882	7,426	2,755	1.36	
COLORADO	86,639	11,459	365	87	3.10	11,341	16,285	3,834	188	1.15	
CONNECTICUT	9,180	6,715	2,008	87	1.30	10,964	19,913	5,978	223	1.12	
DELAWARE	3,869	2,680	2,039	61	2.12	1,843	3,841	6,405	41	1.07	
DIST. OF COL.	-	-	-	-	-	1,102	3,430	8,527	63	1.84	
FLORIDA	81,827	32,904	1,463	1,164	3.54	47,747	80,579	4,824	1,300	1.61	
GEORGIA	88,425	34,448	1,067	869	2.52	22,057	38,557	4,789	1,520	1.35	
HAWAII	2,585	2,674	3,034	88	2.99	1,507	5,289	9,579	49	1.09	
IDAHO	59,471	7,111	328	229	3.22	2,738	3,207	3,209	35	1.09	
ILLINOIS	104,040	26,929	708	674	2.50	32,131	58,501	4,988	774	1.52	
INDIANA	74,107	29,498	1,091	708	2.58	17,922	24,788	3,786	916	1.28	
IOWA	103,749	15,028	385	385	2.56	6,805	7,994	2,487	103	1.28	
KANSAS	124,360	12,793	292	315	2.48	9,107	10,393	3,127	94	0.90	
KENTUCKY	62,029	20,911	924	658	3.15	7,697	14,302	5,091	188	1.17	
LOUISIANA	46,264	18,584	1,101	599	3.22	12,272	16,128	3,800	257	1.59	
MAINE	19,943	6,723	1,158	173	1.98	2,501	3,128	3,424	31	0.99	
MARYLAND	18,575	14,042	2,321	314	2.24	12,409	17,307	6,028	380	1.38	
MASSACHUSETTS	13,368	8,697	1,791	125	1.44	12,017	27,840	4,933	427	1.38	
MICHIGAN	90,780	33,118	998	734	2.22	26,765	48,817	4,987	674	1.38	
MINNESOTA	114,641	18,528	493	381	2.06	14,797	20,728	3,838	160	0.72	
MISSISSIPPI	65,170	16,982	713	599	3.50	7,360	7,935	2,954	108	1.34	
MISSOURI	106,022	24,976	845	698	2.79	15,033	26,008	4,740	319	1.20	
MONTANA	68,492	6,221	249	180	2.89	2,275	2,093	2,521	20	0.98	
NEBRASKA	87,707	8,832	279	231	2.59	4,961	5,163	2,851	44	0.85	
NEVADA	42,422	4,372	282	189	4.19	3,156	6,138	5,328	114	1.88	
NEW HAMPSHIRE	27,707	6,263	1,380	111	1.77	2,433	3,752	4,135	32	0.87	
NEW JERSEY	12,435	11,747	2,735	328	1.94	22,501	47,542	5,728	556	1.17	
NEW MEXICO	50,407	10,242	557	363	3.84	5,689	6,531	3,158	106	1.62	
NORTH CAROLINA	73,361	31,685	1,183	721	2.28	38,061	76,978	5,459	1,288	1.70	
NORTH DAKOTA	75,572	34,857	1,264	960	2.73	19,572	30,028	4,203	1,419	1.40	
OHIO	84,814	4,401	1,42	83	1.69	1,811	1,650	2,345	11	0.71	
OKLAHOMA	62,178	36,531	1,218	911	2.49	31,387	56,471	4,929	724	1.28	
OREGON	99,844	18,922	484	473	2.80	12,417	17,318	3,821	178	1.03	
PENNSYLVANIA	86,944	13,995	441	361	2.58	9,358	11,767	3,445	129	1.05	
RHODE ISLAND	88,200	39,258	1,218	987	2.51	28,398	46,024	4,633	674	1.40	
SOUTH CAROLINA	1,523	1,758	1,758	17	1.74	4,897	6,176	3,881	71	1.15	
SOUTH DAKOTA	54,724	22,252	1,114	699	3.14	9,358	12,204	3,673	191	1.57	
TENNESSEE	81,486	8,223	1,178	130	2.49	15,476	24,109	2,328	13	0.87	
TEXAS	89,376	23,158	815	739	3.19	16,476	24,109	4,268	374	1.56	
UTAH	217,294	55,529	700	1,581	2.81	78,215	109,227	3,711	1,517	1.47	
VERMONT	37,523	5,970	436	162	2.71	5,832	9,421	4,583	109	1.16	
VIRGINIA	12,940	4,289	904	94	2.20	1,196	1,801	1,987	18	1.00	
WASHINGTON	52,834	28,670	1,492	663	2.31	15,409	32,429	5,768	279	0.88	
WEST VIRGINIA	63,313	17,285	748	442	2.58	18,568	29,154	4,821	240	1.82	
WEST VIRGINIA	31,684	11,383	924	342	3.00	3,088	4,843	4,118	73	0.87	
WISCONSIN	56,820	24,019	877	651	2.71	14,552	21,438	4,038	148	0.68	
WYOMING	38,717	4,840	348	104	2.24	1,980	1,358	1,879	18	1.33	
TOTAL	3,139,435	883,621	771	24,413	2.78	749,884	1,208,693	4,708	17,049	1.32	

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 6-A. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1991¹
FEDERAL-AID INTERSTATE SYSTEM

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 2/					NUMBER	RATE 2/
ALABAMA	844	4.515	19.208	1,183	28.20	ALABAMA	256	3,737	40,150	982	28.28
ALASKA	1,038	701	1,850	735	104.85	ALASKA	51	430	23,100	453	105.35
ARIZONA	1,039	5,014	13,221	2,494	49.74	ARIZONA	130	2,939	61,939	1,856	63.12
ARKANSAS	419	2,830	18,505	550	19.43	ARKANSAS	123	1,780	39,648	729	40.98
CALIFORNIA	1,415	14,754	28,587	5,975	40.50	CALIFORNIA	984	51,191	142,530	25,361	49.54
COLORADO	793	3,604	12,451	2,115	58.80	COLORADO	150	3,561	65,041	2,997	84.18
CONNECTICUT	109	1,421	35,717	405	28.50	CONNECTICUT	232	8,394	75,508	3,409	53.32
DELAWARE	-	-	-	-	-	DELAWARE	41	972	64,952	450	48.30
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	437	99,772	407	93.14
FLORIDA	1,022	9,115	24,435	3,105	34.06	FLORIDA	422	11,166	72,492	6,914	61.92
GEORGIA	873	9,013	28,285	2,328	25.83	GEORGIA	372	10,039	73,938	6,244	82.20
HAWAII	5	102	55,890	67	65.69	HAWAII	38	1,386	99,926	1,243	89.68
IDAHO	533	1,543	7,931	758	49.13	IDAHO	74	598	22,140	253	42.31
ILLINOIS	1,415	7,723	14,953	2,369	30.67	ILLINOIS	547	14,374	71,994	10,163	70.70
INDIANA	883	6,943	22,042	2,320	33.41	INDIANA	274	5,104	51,035	992	19.44
IOWA	844	3,307	14,069	734	22.20	IOWA	138	1,379	27,377	598	43.36
KANSAS	712	2,550	9,812	799	31.33	KANSAS	160	2,020	34,589	1,181	58.47
KENTUCKY	579	4,827	22,841	1,267	26.25	KENTUCKY	184	3,647	54,303	1,706	46.78
LOUISIANA	657	4,481	18,886	1,991	44.43	LOUISIANA	187	3,559	52,143	3,331	93.59
MAINE	313	1,694	14,828	586	34.59	MAINE	53	449	23,210	315	70.16
MARYLAND	241	3,175	36,139	798	25.10	MARYLAND	240	8,432	96,256	4,405	52.24
MASSACHUSETTS	170	2,098	33,811	1,251	59.63	MASSACHUSETTS	397	10,417	71,888	4,871	48.76
MICHIGAN	783	5,782	20,231	3,129	54.12	MICHIGAN	455	11,413	68,722	7,060	61.86
MINNESOTA	881	2,994	12,045	798	26.65	MINNESOTA	230	5,060	60,274	2,242	44.31
MISSISSIPPI	560	2,777	13,586	572	20.80	MISSISSIPPI	124	1,292	28,546	516	47.68
MISSOURI	841	5,570	18,145	1,868	33.54	MISSOURI	336	8,083	65,908	5,529	66.40
MONTANA	1,144	1,796	4,301	832	46.33	MONTANA	47	166	9,678	65	39.16
NEBRASKA	444	1,946	12,008	610	31.95	NEBRASKA	37	640	47,390	497	77.66
NEVADA	499	1,572	8,631	828	52.67	NEVADA	48	1,001	59,619	1,391	138.96
NEW HAMPSHIRE	180	1,363	20,746	347	25.46	NEW HAMPSHIRE	44	672	41,843	120	17.86
NEW JERSEY	131	2,190	45,801	381	17.40	NEW JERSEY	275	8,183	81,524	5,257	64.24
NEW MEXICO	906	3,452	10,439	1,683	48.75	NEW MEXICO	93	1,090	32,111	784	71.93
NEW YORK	858	5,666	18,135	2,590	45.71	NEW YORK	642	13,854	59,122	10,946	79.01
NORTH CAROLINA	703	6,801	26,505	3,005	44.18	NORTH CAROLINA	251	4,442	48,485	1,239	27.89
NORTH DAKOTA	530	949	4,906	220	23.18	NORTH DAKOTA	40	181	12,397	57	31.49
OHIO	847	7,945	25,699	2,828	35.59	OHIO	726	15,569	58,730	12,837	82.48
OKLAHOMA	723	3,620	13,718	1,188	32.82	OKLAHOMA	207	3,282	43,439	2,620	79.83
OREGON	595	3,898	17,028	787	21.28	OREGON	132	2,872	59,610	1,728	60.17
PENNSYLVANIA	1,166	8,027	18,861	2,469	30.76	PENNSYLVANIA	422	7,764	50,406	3,608	46.45
RHODE ISLAND	21	256	33,399	52	20.31	RHODE ISLAND	49	1,408	78,613	852	60.60
SOUTH CAROLINA	873	5,818	23,685	1,088	18.70	SOUTH CAROLINA	125	2,207	48,373	1,021	46.26
SOUTH DAKOTA	832	1,341	5,813	445	33.18	SOUTH DAKOTA	46	223	13,282	141	63.23
TENNESSEE	780	6,772	23,786	1,909	28.19	TENNESSEE	282	5,778	56,135	3,450	59.71
TEXAS	2,286	12,134	14,542	5,049	41.61	TEXAS	943	23,311	87,726	29,220	125.35
UTAH	792	2,431	8,409	1,374	56.52	UTAH	146	2,871	53,875	1,450	50.51
VERMONT	286	999	5,570	260	26.03	VERMONT	34	245	19,742	52	21.22
VIRGINIA	777	7,300	25,740	1,818	24.90	VIRGINIA	299	8,158	74,751	3,333	40.88
WASHINGTON	520	3,755	19,784	1,508	40.16	WASHINGTON	242	7,564	85,639	5,489	72.30
WEST VIRGINIA	458	2,838	18,985	1,044	36.81	WEST VIRGINIA	92	1,175	34,991	873	57.28
WISCONSIN	516	4,055	21,530	1,403	34.60	WISCONSIN	124	2,655	58,661	1,350	50.85
WYOMING	863	1,752	5,562	1,024	58.46	WYOMING	50	169	8,932	97	59.51
TOTAL	33,877	205,011	18,678	72,939	35.58	TOTAL	11,603	285,325	87,372	182,561	83.98

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND

UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.

2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 6-B. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1991
FEDERAL-AID PRIMARY SYSTEM - NONINTERSTATE

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 2/	NUMBER	RATE 2/
ALABAMA	5,882	8,544	3,980	7,355	869	4,870	14,723	4,098	87.71		
ALASKA	3,294	3,669	1,354	73.99	63	2,229	19,959	2,430	107.77		
ARIZONA	4,748	3,718	3,130	4,506	289	2,251	23,611	2,404	106.60		
ARKANSAS	9,501	5,753	3,320	4,506	487	2,329	13,102	2,872	123.31		
CALIFORNIA	3,822	23,345	6,732	18,112	1,578	39,809	88,759	31,795	80.28		
COLORADO	712	4,218	3,024	3,158	635	4,892	20,244	6,568	140.41		
CONNECTICUT	334	2,340	9,004	2,255	582	4,742	22,323	7,908	166.72		
DELAWARE	5,742	1,705	13,986	1,303	108	775	19,660	1,643	212.00		
DIST. OF COL.	8,616	14,098	6,727	13,550	178	1,890	29,090	6,759	357.62		
FLORIDA	8,300	12,422	3,950	12,674	2,300	20,817	24,559	34,488	187.25		
GEORGIA	2,869	1,339	9,406	1,523	1,571	9,847	17,173	23,338	237.01		
HAWAII	7,840	2,128	2,184	1,649	121	1,491	33,760	2,600	174.38		
IDAH0	2,869	10,005	3,486	9,297	86	4,28	13,671	892	102.44		
ILLINOIS	4,236	9,748	6,305	9,423	2,058	14,028	18,575	32,538	231.95		
INDIANA	8,051	6,930	2,358	9,423	772	4,820	16,396	7,679	166.21		
IOWA	7,708	6,681	2,019	4,410	714	2,403	19,221	5,910	245.94		
KANSAS	3,368	6,188	5,020	3,217	335	1,597	13,061	3,117	195.18		
KENTUCKY	2,857	4,799	4,948	6,817	473	2,857	16,548	6,120	214.21		
LOUISIANA	1,823	3,203	4,814	108.42	483	3,157	17,907	12,774	404.62		
MAINE	1,585	6,383	11,174	94.41	188	971	13,422	3,078	334.20		
MARYLAND	1,011	3,505	6,498	6,588	557	6,698	32,950	13,510	201.67		
MASSACHUSETTS	6,258	12,071	5,285	10,462	1,199	7,907	22,466	15,829	154.43		
MICHIGAN	8,650	8,323	2,836	5,352	374	3,741	15,890	5,036	134.62		
MINNESOTA	5,428	8,221	3,140	8,507	645	1,853	13,165	3,572	216.09		
MISSISSIPPI	6,481	10,135	4,298	6,917	549	3,589	17,911	5,548	154.58		
MISSOURI	6,935	2,598	1,330	1,637	103	460	12,236	220	47.63		
MONTANA	1,790	4,171	1,648	2,600	71	1,392	14,501	4,125	296.34		
NEBRASKA	984	2,445	2,095	859	283	1,024	39,514	842	92.23		
NEVADA	797	3,579	6,943	1,803	164	1,054	17,808	1,251	116.69		
NEW HAMPSHIRE	3,662	2,897	12,303	6,310	666	9,053	37,241	20,731	229.00		
NEW JERSEY	6,402	11,546	2,167	2,678	228	1,060	12,578	3,089	284.17		
NEW MEXICO	3,761	4,941	6,717	35,502	2,077	21,378	26,199	42,438	186.51		
NORTH CAROLINA	5,437	9,221	1,773	8,479	609	4,547	20,456	5,541	121.86		
NORTH DAKOTA	4,976	1,773	893	908	138	6,716	8,716	860	195.90		
OHIO	4,876	10,930	6,018	13,724	1,590	9,962	17,166	33,578	397.06		
OKLAHOMA	4,840	5,812	3,266	3,371	432	2,255	14,301	3,036	134.63		
OREGON	7,772	5,111	3,018	85.33	403	2,868	19,484	5,000	174.46		
PENNSYLVANIA	4,868	18,748	5,904	18,775	2,177	15,498	19,502	24,942	160.96		
RHODE ISLAND	5,868	468	7,858	339	271	1,589	18,064	2,610	176.84		
SOUTH CAROLINA	5,868	8,500	4,688	6,815	726	4,772	18,008	3,805	295.47		
SOUTH DAKOTA	5,251	2,231	1,075	1,335	108	5,429	10,808	1,284	200.84		
TENNESSEE	14,826	9,054	4,074	9,230	945	5,920	17,163	11,893	200.90		
TEXAS	2,506	22,020	4,069	14,538	1,878	18,849	26,121	33,552	176.00		
UTAH	1,041	1,801	1,969	1,423	110	1,177	15,442	1,177	189.84		
VERMONT	1,520	1,532	1,041	79.01	83	345	11,368	481	139.42		
VIRGINIA	4,372	10,701	19,288	9,881	1,002	5,242	14,333	6,417	160.57		
WASHINGTON	2,202	3,917	3,332	5,888	652	5,848	24,565	5,697	97.45		
WEST VIRGINIA	6,358	3,751	4,687	164.41	213	1,082	13,917	2,748	253.97		
WISCONSIN	2,865	11,680	3,894	10,843	1,001	5,825	15,843	10,267	178.26		
WYOMING	2,865	1,598	1,828	645	124	408	6,970	10,746	183.74		
TOTAL	222,794	330,295	4,062	328,348	94,261	277,823	22,216	486,099	174.97		

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
 2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 6-C. NONFATAL INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1991¹

FEDERAL-AID URBAN SYSTEM

STATE	ARTERIAL				COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURED PERSONS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURED PERSONS	
				NUMBER	RATE 2/				NUMBER	RATE 2/
ALABAMA	1,548	4,893	8,860	7,074	144.57	1,253	1,877	4,104	8,095	324.72
ALASKA	1,133	599	12,339	1,975	325.72	104	77	2,028	301	360.91
ARIZONA	1,715	10,710	16,829	31,615	254.94	720	993	3,779	1,102	110.96
ARKANSAS	861	2,014	8,484	3,442	170.90	308	288	2,362	389	134.96
CALIFORNIA	12,786	89,128	17,813	183,717	198.95	5,081	7,717	4,161	22,176	287.37
COLORADO	1,804	5,289	9,034	13,738	259.75	626	437	1,913	4,877	165.22
CONNECTICUT	1,236	4,475	9,927	13,180	294.52	1,721	2,329	3,708	4,877	209.40
DELAWARE	163	998	16,741	1,775	178.21	156	317	6,567	560	176.86
DIST. OF COL.	89	421	12,960	2,519	596.94	144	322	6,126	2,382	738.75
FLORIDA	2,025	16,475	22,290	64,953	338.55	2,740	3,065	6,064	8,480	176.23
GEORGIA	2,168	7,788	9,749	16,317	217.27	1,602	3,677	5,590	6,480	176.23
HAWAII	143	1,875	16,784	2,878	328.91	179	487	7,454	1,153	236.76
IDAH0	474	1,287	7,323	2,488	196.21	276	228	2,271	340	149.12
ILLINOIS	3,564	16,208	12,459	35,679	220.13	3,106	6,605	5,826	13,535	204.92
INDIANA	2,952	8,911	8,270	14,363	161.18	1,777	1,636	2,522	2,715	165.95
IOWA	1,483	2,478	4,578	4,884	197.09	968	588	1,864	1,367	135.88
KANSAS	1,158	3,568	8,451	8,082	226.64	500	399	2,186	582	235.88
KENTUCKY	1,215	4,877	10,321	10,413	227.51	905	1,455	4,952	2,508	172.97
KENTUCKY	1,369	6,844	11,095	12,405	223.76	792	1,021	9,532	28,500	28.50
LOUISIANA	344	1,098	6,745	2,729	248.54	362	381	2,884	878	230.45
MAINE	1,477	8,284	15,966	2,729	248.54	362	381	2,884	878	230.45
MARYLAND	3,335	8,284	15,966	304.62	304.62	686	1,480	5,911	4,727	319.39
MASSACHUSETTS	456	1,940	8,324	27,028	266.71	2,570	2,783	2,967	9,883	358.71
MICHIGAN	4,125	19,213	12,781	42,481	221.11	790	1,404	4,869	8,364	595.73
MINNESOTA	1,725	6,586	10,460	11,504	174.67	670	579	2,368	1,236	213.47
MISSISSIPPI	1,959	2,354	6,754	5,187	219.42	761	920	2,952	2,020	248.34
MISSISSIPPI	1,891	6,777	12,716	15,825	180.50	585	790	3,700	1,439	182.15
MONTANA	242	805	6,849	847	106.94	101	84	2,279	229	261.90
NEBRASKA	656	2,867	377.16	7,317	377.16	405	484	3,274	1,579	326.24
NEVADA	386	1,173	17,225	9,673	337.39	101	208	6,642	448	214.42
NEW HAMPSHIRE	9,554	12,921	8,328	2,077	177.07	337	325	2,642	647	199.08
NEW JERSEY	475	2,361	9,961	64,745	501.08	1,825	2,930	4,399	12,730	434.47
NEW MEXICO	6,164	25,228	13,365	68,570	282.80	1,335	2,522	5,114	7,836	328.57
NEW YORK	2,768	10,522	10,422	14,442	271.80	3,586	5,659	4,348	4,488	134.94
NORTH CAROLINA	288	464	4,414	177.37	177.37	213	175	2,251	297	169.71
NORTH CAROLINA	9,718	13,794	10,165	59,703	432.82	4,133	6,793	4,503	25,417	374.16
NORTH DAKOTA	2,242	7,168	8,784	12,288	170.95	755	762	2,765	1,109	145.54
OKLAHOMA	1,208	3,410	7,734	10,257	301.08	846	1,182	3,828	2,458	207.95
OREGON	3,655	13,947	9,912	25,156	180.37	3,193	4,924	4,225	3,895	207.95
PENNSYLVANIA	432	1,780	4,374	8,658	245.73	501	573	3,133	1,019	145.54
RHODE ISLAND	632	2,805	11,293	332.36	332.36	537	1,039	6,301	190	236.19
SOUTH CAROLINA	291	456	4,293	325.22	325.22	102	84	2,258	228	26.48
SOUTH DAKOTA	1,353	6,715	13,957	17,171	255.71	1,825	2,421	3,634	5,701	236.19
TENNESSEE	8,678	25,886	10,541	37,208	144.85	1,611	1,824	9,102	5,200	10.96
TEXAS	540	3,131	15,895	8,771	280.13	390	998	7,011	2,025	202.91
UTAH	171	1,488	7,498	6,775	165.60	178	172	2,847	386	172.09
VERMONT	1,642	10,828	17,790	22,283	209.51	1,404	2,142	4,160	4,800	214.75
VIRGINIA	2,487	9,940	10,908	14,173	141.73	1,738	2,490	3,925	4,169	187.43
WASHINGTON	407	1,435	9,660	4,066	223.34	402	503	3,428	551	109.54
WEST VIRGINIA	2,160	8,503	6,248	14,367	220.93	795	645	2,223	1,959	303.72
WISCONSIN	2,239	392	4,434	15,617	157.40	323	290	1,951	318	136.26
WYOMING										
TOTAL	92,629	402,831	11,915	948,308	235.41	55,258	82,050	4,068	176,095	213.40

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 6-D. NONFATALLY INJURED PERSONS
BY STATE AND HIGHWAY SYSTEM - 1991¹**

FEDERAL-AID SECONDARY SYSTEM

STATE	MAJOR COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 2/
ALABAMA	11.648	4.488	1.056	2.851	63.52
ALASKA	1.802	428	651	635	148.36
ARIZONA	3.238	2.871	2.429	2.268	79.00
ARKANSAS	7.389	2.120	786	2.016	95.09
CALIFORNIA	11.192	10.309	2.524	9,794	95.00
COLORADO	3.427	1.322	1.057	1.446	109.38
CONNECTICUT	879	1.378	4.295	1.646	119.45
DELAWARE	604	629	2.853	598	95.07
DIST. OF COL.	-	-	-	-	-
FLORIDA	4.359	2.961	1.861	9,444	318.95
GEORGIA	14.012	6.444	1.260	7,008	108.75
HAWAII	435	583	3.672	712	122.13
IDAHO	4.182	1,153	755	1,068	92.63
ILLINOIS	12.942	4,305	911	5,531	128.48
INDIANA	9.759	8,363	2.348	7,502	89.70
IOWA	13.576	2,575	520	3,105	120.58
KANSAS	22.643	2,687	325	2,445	90.99
KENTUCKY	7.226	5,148	1,952	8,403	163.23
LOUISIANA	7.329	5,412	2,023	9,023	166.72
MAINE	2,742	1,783	1,782	1,617	90.69
MARYLAND	1,922	2,373	3,383	3,521	148.38
MASSACHUSETTS	2,007	1,637	2,235	3,045	186.01
MICHIGAN	17,080	10,859	1,742	18,840	173.50
MINNESOTA	16,650	3,698	608	3,171	85.75
MISSISSIPPI	11,699	3,514	823	2,691	76.58
MISSOURI	18,069	5,451	827	6,570	120.53
MONTANA	4,737	632	366	599	94.78
NEBRASKA	11,456	1,277	305	1,547	121.14
NEVADA	2,314	915	1,083	686	74.97
NEW HAMPSHIRE	1,235	1,250	2,773	1,173	93.84
NEW JERSEY	1,703	2,557	4,114	5,925	231.72
NEW MEXICO	3,645	1,228	923	1,297	105.62
NEW YORK	6,296	5,589	2,432	20,395	364.91
NORTH CAROLINA	10,329	11,403	3,025	14,242	124.90
NORTH DAKOTA	10,596	776	201	420	54.12
OHIO	11,790	9,240	2,147	17,235	186.53
OKLAHOMA	11,775	3,994	929	2,215	55.46
OREGON	7,781	2,632	927	2,526	95.97
PENNSYLVANIA	7,992	6,177	2,118	8,408	136.12
RHODE ISLAND	201	158	2,154	172	108.86
SOUTH CAROLINA	8,536	5,085	1,632	6,309	124.07
SOUTH DAKOTA	11,091	928	229	694	74.78
TENNESSEE	5,450	3,223	1,620	4,926	152.84
TEXAS	32,705	13,931	1,167	15,314	109.93
UTAH	2,724	864	859	918	106.25
VERMONT	1,913	1,079	1,545	823	85.54
VIRGINIA	10,206	6,677	1,792	8,878	132.96
WASHINGTON	7,376	5,253	1,951	12,865	244.91
WEST VIRGINIA	6,353	3,483	1,502	8,095	232.41
WISCONSIN	13,036	4,625	972	5,257	113.66
WYOMING	2,264	499	604	382	76.55
TOTAL	400.315	185.966	1.273	256.351	137.85

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.

2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 6-E. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1991
NONFEDERAL-AID ARTERIAL SYSTEM

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 2/	NUMBER	RATE 2/
ALABAMA	8	17	5,822	8	47.06	216	215	2,727	252	117.21	
ALASKA						11	49	12,204	181	369.39	
ARIZONA	360	308	2,344	193	62.66	63	240	10,437	132	55.00	
ARKANSAS	16	29	4,966	25	86.21	398	465	3,208	933	200.21	
CALIFORNIA	26	1	105	0	0.00	1,243	3,303	7,280	8,589	260.04	
COLORADO	9	1	304	28	2,800.00	8	8	2,740	67	837.50	
CONNECTICUT						34	68	5,479	283	416.18	
DELAWARE						1	13	35,616	4	30.77	
DIST. OF COL.	352	1,409	10,967	1,387	98.44	8	4	1,370	241	6,025.00	
FLORIDA						374	2,420	17,728	2,581	106.65	
GEORGIA	10	1	274	0	0.00						
HAWAII	1	3	8,219	0	0.00						
IDAH0						47	118	6,878	80	67.80	
ILLINOIS						32	39	3,339	220	564.10	
INDIANA	2	1	1,370	0	0.00	19	63	9,084	465	738.09	
IOWA	3	1	913	0	0.00	14	28	5,675	0	0.00	
KANSAS						216	659	8,359	2,518	382.09	
KENTUCKY	31	6	530	0	0.00	2	2	2,740	0	0.00	
LOUISIANA	10	4	1,096	0	0.00	291	621	5,647	762	122.71	
MAINE	1	3	8,219	0	0.00	2	5	6,849	16	320.00	
MARYLAND						11	23	5,729	32	139.13	
MASSACHUSETTS						3	1	913	7	700.00	
MICHIGAN						672	2,473	10,082	2,014	81.44	
MINNESOTA						27	16	1,624	224	1,400.00	
MISSISSIPPI	279	105	1,031	74	70.48	14	20	3,914	47	235.00	
MISSOURI						503	1,291	7,032	3,643	282.18	
MONTANA	63	4	174	0	0.00	37	1,999	1,999	220	814.81	
NEBRASKA											
NEVADA						21	48	6,001	133	289.13	
NEW HAMPSHIRE	21	234	30,528	21	8.97	26	187	19,705	36	19.25	
NEW JERSEY	124	1,504	33,230	999	66.42	286	3,648	34,927	3,515	96.41	
NEW MEXICO	5	1	548	0	0.00	92	320	9,529	1,156	361.25	
NEW YORK						129	752	16,183	0	0.00	
NORTH CAROLINA	257	158	1,684	122	77.22	820	1,939	6,478	1,329	66.23	
NORTH DAKOTA	2	1	1,370	0	0.00						
OHIO						161	170	2,893	126	74.12	
OKLAHOMA	282	396	3,847	69	17.42	28	49	4,795	107	218.37	
OREGON	81	115	3,690	93	80.67						
PENNSYLVANIA											
RHODE ISLAND	3	2	1,826	0	0.00						
SOUTH CAROLINA	14	1	196	4	400.00	259	440	4,654	1,773	402.95	
SOUTH DAKOTA						9	15	4,566	19	126.67	
TENNESSEE	3	2	1,826	4	200.00						
TEXAS	39	17	1,194	3	17.65	1,787	6,342	9,723	2,391	37.70	
UTAH						42	59	3,849	108	183.05	
VERMONT											
VIRGINIA	2,534	214	231	0	0.00						
WASHINGTON						9	47	2,019,178	102	13.84	
WEST VIRGINIA						1	1	14,307	0	0.00	
WISCONSIN	1	1	2,740	0	0.00	46	43	2,740	196	455.81	
WYOMING	253	15	162	158	1,053.33	3	1	2,561	0	0.00	
TOTAL	4,790	4,554	2,605	3,189	70.03	7,866	26,977	9,278	34,496	127.87	

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
 2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 6-F. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1991¹

NONFEDERAL-AID COLLECTOR SYSTEM

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 2/					NUMBER	RATE 2/
ALABAMA	6,976	1,120	440	900	80.36	ALABAMA	461	287	1,706	754	262.72
ALASKA	971	197	556	103	92.89	ALASKA	29	20	1,889	39	195.00
ARIZONA	3,234	281	238	455	161.92	ARIZONA	930	793	2,336	941	118.66
ARKANSAS	11,588	1,951	461	1,843	94.46	ARKANSAS	701	356	1,391	818	173.60
CALIFORNIA	11,602	4,246	1,002	4,700	110.72	CALIFORNIA	2,700	3,729	3,784	10,663	286.95
COLORADO	15,954	1,780	306	2,155	121.07	COLORADO	533	662	3,403	1,381	208.61
CONNECTICUT	1,199	615	1,405	801	130.24	CONNECTICUT	193	184	2,612	410	222.83
DELAWARE	156	80	1,405	115	143.75	DELAWARE	13	25	5,269	31	124.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	3	685	68	2,266.87
FLORIDA	5,496	2,062	1,028	6,078	294.87	FLORIDA	2,146	3,554	4,537	3	0.08
GEORGIA	7,256	2,066	780	1,319	63.84	GEORGIA	-	-	-	-	-
HAWAII	136	190	3,828	61	32.11	HAWAII	1	1	2,740	0	0.00
IDAHO	4,754	314	181	174	55.41	IDAHO	147	133	2,479	70	52.63
ILLINOIS	4,856	1,414	798	1,684	119.09	ILLINOIS	198	195	2,698	425	217.95
INDIANA	10,287	1,923	512	3,232	168.07	INDIANA	173	104	1,647	499	479.81
IOWA	16,390	750	125	1,225	163.33	IOWA	81	62	2,097	0	0.00
KANSAS	9,393	304	89	297	97.70	KANSAS	271	439	4,438	592	134.85
KENTUCKY	9,360	2,196	643	3,921	178.55	KENTUCKY	96	19	542	0	0.00
LOUISIANA	4,304	1,452	924	2,152	148.21	LOUISIANA	350	248	1,941	63	25.40
MAINE	2,787	1,038	1,020	1,106	106.55	MAINE	32	32	2,740	40	125.00
MARYLAND	1,880	782	1,140	1,301	166.37	MARYLAND	485	591	3,339	1,189	201.18
MASSACHUSETTS	1,951	414	581	1,197	289.13	MASSACHUSETTS	156	111	1,949	218	194.59
MICHIGAN	7,578	1,806	653	3,644	201.77	MICHIGAN	662	638	2,640	10	1.57
MINNESOTA	11,876	1,068	251	855	80.06	MINNESOTA	1,239	2,023	4,473	3,604	178.15
MISSISSIPPI	2,917	386	369	221	57.25	MISSISSIPPI	2	1	1,370	0	0.00
MISSOURI	5,444	412	207	562	136.41	MISSOURI	895	999	3,058	2,595	259.76
MONTANA	11,093	467	115	96	20.56	MONTANA	127	101	2,179	35	34.85
NEBRASKA	9,231	288	85	507	177.27	NEBRASKA	-	-	-	-	-
NEVADA	2,467	216	242	212	97.25	NEVADA	335	399	3,263	1,104	276.69
NEW HAMPSHIRE	1,232	429	954	418	97.44	NEW HAMPSHIRE	4	3	2,055	0	0.00
NEW JERSEY	1,300	977	2,059	1,994	204.09	NEW JERSEY	96	117	3,339	287	245.30
NEW MEXICO	2,875	392	374	453	115.56	NEW MEXICO	169	259	4,199	1,276	492.68
NEW YORK	10,833	5,455	1,380	18,237	334.32	NEW YORK	384	874	8,236	872	76.89
NORTH CAROLINA	9,237	3,878	1,150	6,347	163.87	NORTH CAROLINA	1,014	804	2,172	474	58.98
NORTH DAKOTA	7,959	217	75	172	79.26	NORTH DAKOTA	13	2	421	2	100.00
OHIO	7,117	2,265	872	5,017	221.50	OHIO	-	-	-	-	-
OKLAHOMA	12,725	1,216	262	345	28.37	OKLAHOMA	450	312	1,900	452	144.87
OREGON	9,208	903	269	478	52.93	OREGON	131	110	2,301	137	124.55
PENNSYLVANIA	8,371	2,804	918	4,543	162.02	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	153	65	1,164	45	69.23	RHODE ISLAND	-	-	-	-	-
SOUTH CAROLINA	4,006	652	446	785	117.33	SOUTH CAROLINA	824	432	1,897	910	210.65
SOUTH DAKOTA	7,366	171	64	169	98.83	SOUTH DAKOTA	14	13	2,544	133	1,023.08
TENNESSEE	10,797	2,459	624	3,524	143.31	TENNESSEE	-	-	-	-	-
TEXAS	24,204	3,296	373	2,287	89.39	TEXAS	5,284	6,852	3,034	92	1.57
UTAH	4,815	337	200	337	100.00	UTAH	82	49	1,637	118	240.82
VERMONT	989	180	499	153	85.00	VERMONT	-	-	-	-	-
VIRGINIA	3,410	521	419	936	179.65	VIRGINIA	186	2	29	0	0.00
WASHINGTON	6,541	1,759	737	4,817	273.85	WASHINGTON	40	62	4,247	0	0.00
WEST VIRGINIA	2,171	349	440	717	205.44	WEST VIRGINIA	2	1	1,370	0	0.00
WISCONSIN	7,227	1,063	403	1,737	163.41	WISCONSIN	559	618	3,019	1,880	305.19
WYOMING	7,661	438	156	295	67.66	WYOMING	5	5	2,740	0	0.00
TOTAL	330,933	59,641	494	94,780	158.92	TOTAL	22,025	25,222	3,137	31,783	126.01

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND

UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.

2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 6-6. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1991

NONFEDERAL-AID LOCAL SYSTEM

STATE	RURAL				STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS NUMBER		RATE 2/	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS NUMBER
ALABAMA	48,688	3,910	220	3,903	99.82	12,253	4,688	1,043	6,198	131.45
ALASKA	7,195	489	179	287	61.19	1,170	336	787	743	221.19
ARIZONA	30,368	1,718	155	2,785	162.11	10,323	3,392	900	5,110	150.65
ARKANSAS	44,994	1,117	68	839	75.11	4,817	644	366	1,853	287.73
CALIFORNIA	57,308	2,412	115	4,038	167.41	50,476	14,213	771	45,123	317.48
COLORADO	42,517	534	34	1,593	298.31	7,785	1,636	576	2,442	149.27
CONNECTICUT	6,252	960	421	1,270	132.29	6,967	1,721	677	5,012	291.23
DELAWARE	2,775	486	460	749	160.73	1,161	1,743	1,753	620	83.45
DIST. OF COL.						659	963	1,488	1,167	330.59
FLORIDA	44,656	3,259	200	20,497	628.94	37,740	20,282	1,472	41,793	206.06
GEORGIA	57,666	4,503	214	6,154	136.66	16,124	7,208	1,225	14,576	202.22
HAWAII	1,619	659	1,115	635	66.36	1,025	1,029	2,750	1,552	150.83
IDAHO	47,332	1,970	114	1,709	86.75	1,635	437	732	1,157	264.76
ILLINOIS	76,967	3,482	124	5,992	172.08	22,626	7,052	854	28,177	399.56
INDIANA	48,950	2,520	141	8,018	316.17	11,955	4,330	992	12,072	237.25
IOWA	65,065	1,463	62	4,419	302.05	5,407	1,055	535	2,503	278.60
KANSAS	63,904	1,871	51	2,517	160.22	6,469	1,713	725	3,320	193.81
KENTUCKY	41,467	2,666	170	4,997	194.74	8,800	1,745	971	4,555	261.03
LOUISIANA	31,307	2,436	213	8,593	352.75	1,976	1,976	615	1,167	565.19
MAINE	12,277	1,002	224	1,628	162.48	1,520	240	433	682	284.17
MARYLAND	10,967	1,325	331	2,768	208.91	8,953	1,798	550	10,342	575.19
MASSACHUSETTS	8,167	1,043	350	3,268	313.33	19,357	5,317	1,091	17,665	332.61
MICHIGAN	59,081	2,600	121	7,101	273.12	19,087	5,609	817	16,781	294.97
MINNESOTA	76,984	2,445	87	4,097	167.57	10,261	2,721	727	4,829	170.12
MISSISSIPPI	44,287	3,959	245	3,197	80.75	5,156	1,785	948	3,231	181.01
MISSOURI	75,207	3,408	124	11,356	333.22	10,274	2,477	661	5,843	235.89
MONTANA	46,104	3,408	43	398	54.97	1,618	650	1,101	3,280	504.62
NEBRASKA	59,641	1,252	724	2,354	188.82	3,559	707	538	1,742	246.96
NEVADA	36,352	544	24	336	110.16	2,126	533	764	1,812	305.56
NEW HAMPSHIRE	6,803	544	169	1,352	246.53	1,472	258	480	405	166.98
NEW JERSEY	7,712	940	334	3,425	364.36	15,799	10,692	1,854	17,899	167.41
NEW MEXICO	39,314	2,272	158	2,071	91.15	4,477	1,169	715	3,135	268.18
NEW YORK	48,994	3,423	192	31,186	909.48	26,059	8,221	863	42,110	512.22
NORTH CAROLINA	51,285	3,398	181	27,168	800.00	13,749	7,354	1,465	31,410	427.11
NORTH DAKOTA	60,280	685	31	308	44.98	1,119	289	708	870	301.04
OHIO	57,448	6,151	293	13,357	217.15	21,220	10,359	1,337	26,734	268.07
OKLAHOMA	69,463	1,684	74	4,733	251.22	6,170	3,349	1,123	6,701	200.09
OREGON	64,641	1,536	66	968	63.02	6,610	1,278	530	2,231	174.57
PENNSYLVANIA	62,968	5,602	239	10,385	188.75	18,751	5,839	861	28,267	479.67
RHODE ISLAND	962	27	75	34	125.93	3,344	828	678	613	98.19
SOUTH CAROLINA	36,541	2,197	165	4,729	125.25	6,455	709	301	3,598	507.48
SOUTH DAKOTA	58,697	551	27	857	155.54	6,222	258	622	578	214.93
TENNESSEE	47,056	1,650	96	4,919	298.12	11,071	3,275	810	9,531	291.02
TEXAS	183,270	4,148	79	19,237	483.99	57,937	21,963	1,010	104,342	486.42
UTAH	28,847	520	53	1,021	196.36	4,322	1,639	1,073	2,445	144.42
VERMONT	6,711	479	151	535	124.22	730	371	1,392	184	44.20
VIRGINIA	34,187	3,257	261	4,189	128.62	10,875	5,522	1,391	6,475	117.26
WASHINGTON	44,504	1,211	75	8,434	698.45	11,391	3,205	1,771	9,070	283.00
WEST VIRGINIA	20,500	964	129	2,208	229.05	1,972	446	620	287	64.35
WISCONSIN	66,602	2,395	98	5,912	246.85	9,867	5,152	1,431	4,884	94.60
WYOMING	22,611	2,340	41	312	91.76	1,236	181	367	425	263.98
TOTAL	2,148,926	98,154	125	262,908	267.85	526,122	188,365	981	657,477	295.96

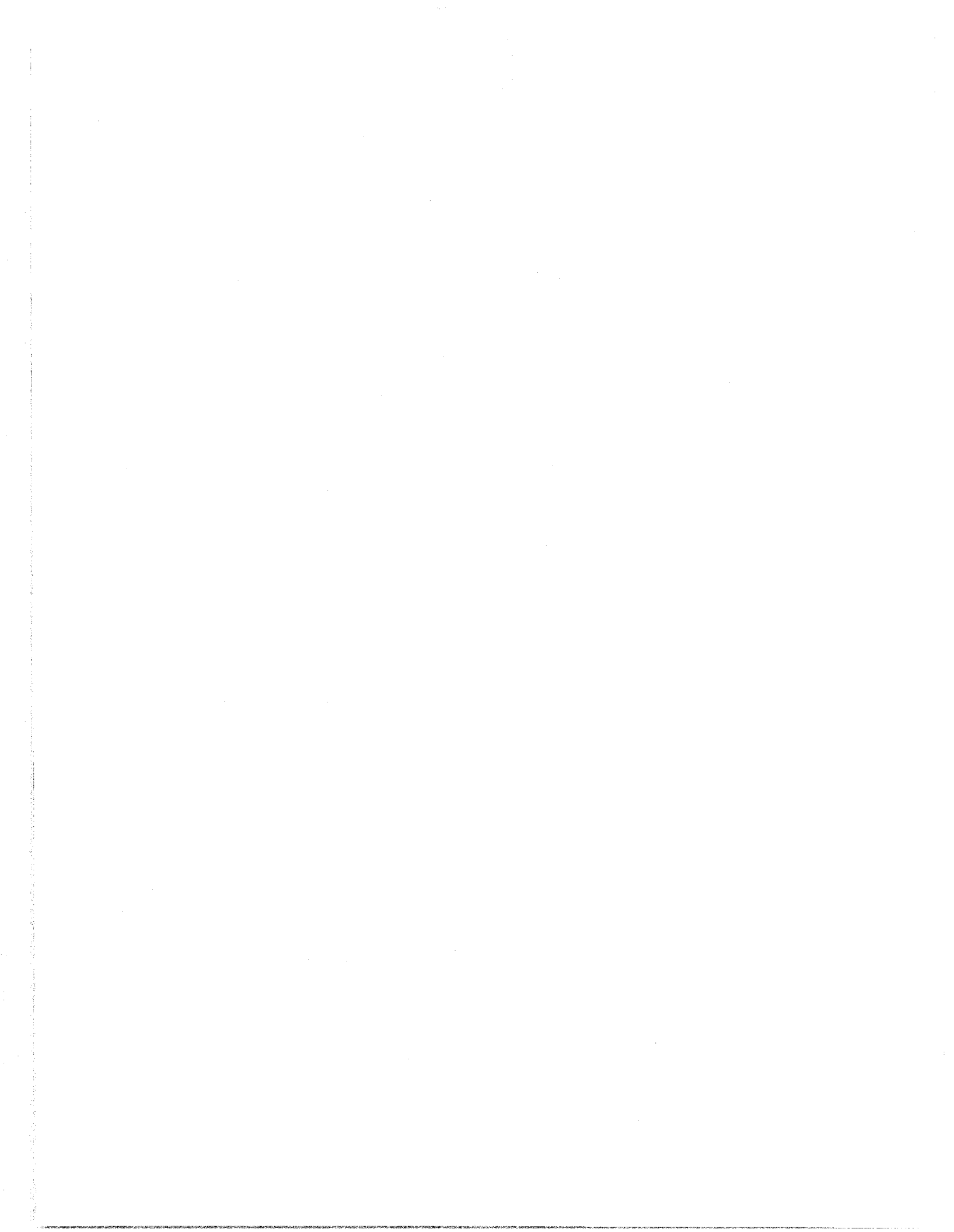
1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS. 2/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 6-H. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1991

TOTAL RURAL AND URBAN SYSTEMS

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 2/					NUMBER	RATE 2/
ALABAMA	73,838	22,577	838	16,192	71.72	16,865	20,347	3,305	25,389	124.78	
ALASKA	11,963	2,261	522	2,195	96.23	1,561	1,740	3,054	4,122	236.90	
ARIZONA	41,153	13,602	908	12,510	91.97	14,170	21,327	4,124	43,159	202.37	
ARKANSAS	69,488	14,079	555	9,623	68.35	7,683	1,855	2,801	10,806	137.57	
CALIFORNIA	91,034	55,094	1,858	42,644	77.40	74,847	202,882	7,426	307,424	151.53	
COLORADO	68,539	11,459	472	16,467	91.34	11,541	16,285	3,934	27,936	171.54	
CONNECTICUT	9,160	6,715	2,008	6,405	95.38	10,964	19,913	4,976	35,077	176.15	
DELAWARE	3,869	2,880	2,039	2,766	96.04	1,643	3,841	6,405	5,083	132.34	
DIST. OF COL.						1,102	3,430	8,527	13,543	394.84	
FLORIDA	81,627	32,904	1,463	54,059	164.29	47,747	80,579	4,624	140,830	174.77	
GEORGIA	88,425	34,448	1,067	29,483	86.59	22,057	38,557	4,789	67,555	175.91	
HAWAII	2,595	2,874	3,034	2,998	104.31	1,507	5,269	9,579	9,426	178.90	
IDaho	59,471	7,111	328	5,358	75.35	2,131	3,207	3,209	5,078	158.34	
ILLINOIS	104,040	26,929	709	24,873	92.37	3,207	5,501	4,988	120,737	206.36	
INDIANA	74,107	29,498	1,091	30,495	103.38	17,922	24,768	3,786	38,785	156.59	
IOWA	103,749	15,026	397	13,853	92.46	8,605	7,994	3,127	15,282	191.17	
KANSAS	124,360	12,793	282	9,275	72.50	9,107	10,393	5,091	19,392	186.59	
KENTUCKY	62,029	20,911	924	25,405	121.49	7,697	14,302	5,091	25,302	176.91	
LOUISIANA	46,284	18,584	1,101	26,962	145.08	12,272	16,126	3,600	40,793	252.96	
MAINE	19,843	6,723	1,198	7,961	91.26	2,501	3,126	3,424	7,738	247.54	
MARYLAND	16,575	14,042	2,321	14,974	108.64	12,409	27,307	6,029	59,440	217.67	
MASSACHUSETTS	13,306	8,697	1,791	12,623	145.14	37,840	49,176	4,933	71,381	188.64	
MICHIGAN	80,780	33,118	999	45,176	148.49	26,765	48,817	4,997	92,239	188.95	
MINNESOTA	114,641	16,852	443	14,273	77.03	14,797	20,766	3,838	28,475	137.59	
MISSISSIPPI	65,170	18,852	713	12,252	72.29	7,360	7,935	2,954	14,673	184.91	
MISSOURI	106,022	24,976	645	27,273	109.20	15,033	26,006	4,740	40,422	155.43	
MONTANA	68,492	6,221	249	3,762	60.47	2,275	2,093	2,521	4,687	223.94	
NEBRASKA	87,707	8,932	279	7,628	85.40	4,961	5,163	2,851	15,260	295.56	
NEVADA	42,422	4,372	282	2,921	66.81	3,433	6,138	5,328	15,401	250.91	
NEW HAMPSHIRE	12,435	6,263	1,380	5,114	81.65	2,156	3,672	4,135	4,536	123.53	
NEW JERSEY	11,747	11,767	2,735	19,034	162.03	3,672	4,542	3,789	125,164	263.27	
NEW MEXICO	50,407	10,242	557	8,182	75.89	5,669	6,531	3,156	16,925	289.15	
NEW YORK	73,381	31,685	1,183	107,910	340.57	38,061	75,976	5,469	172,372	226.88	
NORTH CAROLINA	75,572	34,657	1,264	59,363	170.30	19,572	30,026	4,203	54,917	182.90	
NORTH DAKOTA	84,814	4,401	1,218	2,026	46.03	1,811	1,550	2,345	2,909	187.68	
OHIO	82,178	36,531	1,428	52,161	142.79	31,387	56,471	4,929	158,269	280.27	
OKLAHOMA	99,844	16,922	464	11,921	70.45	12,417	17,318	3,821	26,332	152.05	
OREGON	66,944	13,995	441	9,213	65.83	9,358	11,764	3,445	21,928	186.35	
PENNSYLVANIA	88,290	39,258	1,218	44,580	113.56	28,398	48,024	4,633	85,866	178.90	
RHODE ISLAND	1,523	976	1,758	642	65.78	4,597	6,176	3,681	9,868	159.78	
SOUTH CAROLINA	54,724	22,252	1,114	21,706	97.55	9,558	12,204	3,573	25,766	211.13	
SOUTH DAKOTA	81,486	5,223	116	3,504	67.09	1,751	1,488	2,328	3,606	255.78	
TENNESSEE	69,476	23,158	916	24,508	105.83	15,476	24,109	4,268	47,746	188.04	
TEXAS	217,294	55,529	700	56,427	101.62	76,215	103,227	3,711	207,003	200.53	
UTAH	37,523	5,970	436	85,03	85.03	5,632	9,421	4,583	16,094	170.83	
VERMONT	12,940	4,269	904	3,079	72.12	1,196	1,601	3,667	1,768	110.43	
VIRGINIA	52,634	28,670	1,492	25,702	89.65	15,409	32,429	5,766	45,190	139.35	
WASHINGTON	63,313	17,295	748	33,510	193.76	16,569	29,154	4,821	38,493	132.03	
WEST VIRGINIA	31,684	11,383	984	18,231	160.16	3,089	4,643	4,118	8,325	179.30	
WISCONSIN	95,820	24,019	587	25,152	104.72	14,552	21,439	4,036	34,903	162.80	
WYOMING	36,717	4,640	346	3,016	65.00	1,980	1,358	1,879	2,203	162.22	
TOTAL	9,139,435	883,621	771	1,018,513	115.27	749,864	1,288,593	4,708	2,415,817	187.48	

1/ INCOMPLETE DATA WERE REPORTED BY A NUMBER OF STATES; SOME RATES ARE EXTREMELY HIGH OR LOW AS A RESULT OF MINIMAL MILEAGE IN A GIVEN HIGHWAY CATEGORY; OTHER EXTREME RATES APPEAR TO RESULT FROM THE OVER AND UNDER ASSIGNMENT OF NON-FATAL INJURY ACCIDENTS AND INJURED PERSONS TO GIVEN HIGHWAY SYSTEMS.
2/ NONFATAL INJURY ACCIDENTS 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 most useful for comparing motor vehicle accidents with other public health problems. In 1990, 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

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

TABLE 7. U.S. HIGHWAY-MILE RATES BY HIGHWAY SYSTEM - 1991^{1/}

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	39,877	206,011	16.678	2,139	63.52	43,806	1,300.77	2,584	76.14	72,939	2,165.84
URBAN	11,803	285,325	67.372	1,729	149.01	117,131	10,094.89	1,908	164.44	182,581	15,733.95
TOTAL	45,280	490,336	29.668	3,868	86.42	160,937	3,554.26	4,472	98.78	255,500	6,642.67
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	222,794	330,295	4.062	7,756	34.81	192,423	863.68	9,248	41.51	928,346	1,473.77
URBAN	34,281	277,823	22.216	3,530	103.03	297,725	8,689.91	3,869	112.93	486,099	14,188.11
TOTAL	257,055	608,118	6.481	11,286	43.91	490,148	1,906.78	13,117	51.03	814,445	3,168.37
FEDERAL-AID URBAN ARTERIAL											
COLLECTOR	92,629	402,831	11.915	6,005	64.83	609,879	6,584.10	6,480	69.98	948,306	10,237.68
TOTAL (ALL URBAN)	55,258	82,050	4.068	1,010	18.28	118,340	2,141.59	1,077	19.49	176,095	3,168.88
TOTAL (ALL URBAN)	147,887	484,881	8.983	7,015	47.43	728,219	4,924.16	7,557	51.10	1,123,401	7,596.35
FEDERAL-AID SECONDARY (COLLECTOR)											
TOTAL (ALL RURAL)	400,315	185,966	1.273	5,363	13.40	163,230	407.75	6,120	15.29	256,351	640.37
NON-FEDERAL-AID ARTERIAL											
RURAL	4,790	4,554	2.605	98	20.46	1,792	374.11	122	25.47	3,189	865.76
URBAN	7,966	26,977	9.278	237	29.75	21,049	2,642.36	251	31.51	34,496	4,330.40
TOTAL	12,756	31,531	6.772	335	26.26	22,841	1,790.61	373	29.24	37,685	2,954.30
NON-FEDERAL-AID COLLECTOR											
RURAL	330,933	59,841	494	1,721	5.20	63,427	191.66	1,914	5.78	94,780	286.40
URBAN	22,025	25,222	3,137	185	8.40	25,742	1,168.76	201	9.13	31,783	1,443.04
TOTAL	352,958	84,863	859	1,906	5.40	89,169	252.63	2,115	5.99	126,563	358.58
NON-FEDERAL-AID LOCAL											
RURAL	2,146,926	98,154	125	4,070	1.90	177,037	82.46	4,445	2.07	262,908	122.46
URBAN	526,122	188,365	981	3,052	5.80	378,787	719.96	3,263	6.20	557,477	1,059.60
TOTAL	2,873,048	286,519	294	7,122	2.66	555,824	207.94	7,708	2.88	820,385	306.91
ALL FEDERAL-AID											
RURAL	656,766	721,272	3,009	15,258	23.23	399,459	608.20	17,932	27.30	657,636	1,001.29
URBAN	193,751	1,048,029	14,820	12,274	63.35	1,143,075	5,899.71	13,334	68.82	1,792,061	9,249.30
TOTAL	850,537	1,769,301	5,699	27,532	32.37	1,542,534	1,813.60	31,266	36.76	2,449,697	2,880.18
ALL NON-FEDERAL-AID											
RURAL	2,482,849	162,349	179	5,889	2.37	242,256	97.58	6,481	2.61	360,877	145.96
URBAN	566,113	240,564	1,185	3,474	8.25	425,578	765.27	3,715	6.68	623,756	1,121.64
TOTAL	3,038,762	402,913	363	9,363	3.08	667,834	219.77	10,196	3.36	984,633	324.02
NON-INTERSTATE											
RURAL	3,185,758	878,610	599	19,008	8.12	597,909	192.52	21,849	7.03	945,574	304.46
URBAN	738,261	1,003,268	3,723	14,019	18.99	1,451,522	1,966.14	15,141	20.51	2,233,256	3,025.02
TOTAL	3,944,019	1,881,878	1,199	33,027	8.59	2,049,431	633.15	36,990	9.62	3,178,830	826.95
TOTAL											
RURAL	3,139,435	883,821	771	21,147	8.74	641,715	204.40	24,413	7.78	1,018,513	324.43
URBAN	749,864	1,288,593	4,708	15,748	21.00	1,568,653	2,091.92	17,049	22.74	2,415,817	3,221.67
TOTAL	3,989,299	2,172,414	1,530	36,895	9.49	2,210,368	568.32	41,462	10.66	3,434,330	883.02

1/ U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND NORTHERN MARIANAS.

2/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1991. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AND VEHICLE MILES OF TRAVEL ARE FROM THE HPMS AREA-WIDE 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 HIGHWAY MILES.

4/ ESTIMATES OF NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1990 DATA FOR HAWAII, MICHIGAN, OHIO, AND 1989 DATA FOR TENNESSEE.

**TABLE 8. FATAL AND INJURY ACCIDENT DATA
RELATED TO POPULATION - 1991**

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	4.089	10.497	0.24	0.27	6.85	10.17
ALASKA	570	7.054	0.16	0.18	7.51	11.08
ARIZONA	3.750	9.314	0.19	0.22	9.13	14.85
ARKANSAS	2.372	9.247	0.22	0.26	4.68	8.61
CALIFORNIA	30.380	8.492	0.14	0.15	7.37	11.52
COLORADO	3.377	8.216	0.14	0.16	7.49	11.37
CONNECTICUT	3.291	8.091	0.09	0.09	8.67	12.60
DELAWARE	680	9.884	0.13	0.15	7.23	11.54
DIST. OF COL.	598	5.736	0.10	0.11	15.89	22.65
FLORIDA	13.277	8,547	0.17	0.19	9.04	14.68
GEORGIA	6.623	11,023	0.19	0.21	9.25	14.65
HAWAII 1/	1.135	7.174	0.10	0.12	7.60	10.95
IDAHO	1.039	9.931	0.21	0.25	6.25	10.04
ILLINOIS	11.543	7.401	0.11	0.13	8.58	12.61
INDIANA	5.610	9.673	0.16	0.18	8.40	12.35
IOWA	2.795	8.236	0.15	0.17	7.17	10.44
KANSAS	2.495	9,293	0.14	0.16	7.63	11.49
KENTUCKY	3.713	9.484	0.19	0.22	8.88	13.66
LOUISIANA	4.252	8.163	0.18	0.20	9.53	15.93
MAINE	1.235	9.594	0.15	0.17	8.78	12.71
MARYLAND	4.860	8.508	0.13	0.14	9.22	15.31
MASSACHUSETTS	5.996	7.761	0.09	0.09	11.12	14.01
MICHIGAN 1/	9.368	8.746	0.14	0.15	9.49	15.10
MINNESOTA	4.432	8.857	0.11	0.12	6.52	9.65
MISSISSIPPI	2.592	9.605	0.23	0.27	5.47	10.39
MISSOURI	5.158	9.884	0.18	0.20	8.51	13.12
MONTANA	808	10,290	0.21	0.25	6.82	10.46
NEBRASKA	1.593	8.848	0.15	0.17	9.60	14.37
NEVADA	1.284	8.185	0.20	0.23	9.36	14.27
NEW HAMPSHIRE	1.105	8.991	0.12	0.13	5.89	8.73
NEW JERSEY	7.760	7.640	0.10	0.10	11.77	18.58
NEW MEXICO	1.548	10.835	0.27	0.30	10.30	16.22
NEW YORK	18.058	5.952	0.10	0.11	10.48	15.52
NORTH CAROLINA	6.737	9.631	0.18	0.20	10.43	16.96
NORTH DAKOTA	635	9.372	0.14	0.15	5.25	7.77
OHIO 1/	10.939	8.502	0.13	0.15	11.39	19.24
OKLAHOMA	3.175	10.784	0.17	0.21	7.59	12.05
OREGON	2.922	8.817	0.15	0.17	6.86	10.66
PENNSYLVANIA	11.961	7.297	0.13	0.14	7.10	10.91
RHODE ISLAND	1.004	7.124	0.08	0.09	6.87	10.47
SOUTH CAROLINA	3.560	9.679	0.22	0.25	8.11	13.33
SOUTH DAKOTA	703	9.546	0.18	0.20	6.87	10.40
TENNESSEE 1/	4.953	9.543	0.20	0.22	9.45	14.59
TEXAS	17.349	9.151	0.16	0.18	9.31	15.18
UTAH	1.770	8.695	0.13	0.15	7.78	11.96
VERMONT	567	10.353	0.18	0.19	5.46	8.55
VIRGINIA	6.286	9.720	0.13	0.15	7.59	11.28
WASHINGTON	5.018	9.256	0.12	0.14	9.77	14.35
WEST VIRGINIA	1.801	8.898	0.21	0.23	9.63	14.75
WISCONSIN	4.955	9.174	0.14	0.16	8.26	12.12
WYOMING	460	13.039	0.23	0.27	7.27	11.35
U.S. TOTAL	252.181	8.614	0.15	0.16	8.77	13.62

1/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1990 DATA FOR HAWAII, MICHIGAN, OHIO, AND 1989 DATA FOR TENNESSEE.

**TABLE 9. FATAL AND INJURY ACCIDENT DATA
RELATED TO LICENSED DRIVERS - 1991**

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	2,938	14,610	0.33	0.38	9.53	14.15
ALASKA	318	12,645	0.26	0.32	13.47	19.86
ARIZONA	2,400	14,554	0.30	0.34	14.26	23.20
ARKANSAS	1,720	12,752	0.31	0.35	6.45	11.88
CALIFORNIA	19,931	12,943	0.21	0.24	11.24	17.56
COLORADO	2,084	13,313	0.23	0.26	12.14	18.43
CONNECTICUT	2,213	12,033	0.13	0.14	12.89	18.74
DELAWARE	495	13,578	0.18	0.21	9.93	15.86
DIST. OF COL.	406	8,448	0.15	0.16	23.40	33.36
FLORIDA	9,693	11,708	0.23	0.25	12.38	20.11
GEORGIA	4,610	15,836	0.27	0.30	13.29	21.05
HAWAII 1/	700	11,633	0.17	0.19	12.32	17.75
IDAHO	712	14,492	0.31	0.37	9.12	14.66
ILLINOIS	7,360	11,607	0.18	0.20	13.46	19.78
INDIANA	3,453	15,716	0.26	0.30	13.65	20.06
IOWA	1,857	12,396	0.23	0.26	10.79	15.71
KANSAS	1,781	13,019	0.20	0.23	10.69	16.10
KENTUCKY	2,414	14,587	0.30	0.34	13.65	21.01
LOUISIANA	2,595	13,376	0.30	0.33	15.62	26.11
MAINE	889	13,328	0.20	0.23	12.19	17.66
MARYLAND	3,214	12,865	0.20	0.22	13.94	23.15
MASSACHUSETTS	4,206	11,064	0.12	0.13	15.85	19.97
MICHIGAN 1/	6,434	12,735	0.20	0.22	13.81	21.98
MINNESOTA	2,546	15,418	0.18	0.21	11.35	16.79
MISSISSIPPI	1,925	12,934	0.31	0.36	7.36	13.99
MISSOURI	3,732	13,661	0.24	0.27	11.77	18.14
MONTANA	580	14,334	0.30	0.34	9.51	14.57
NEBRASKA	1,069	13,185	0.23	0.26	14.30	21.41
NEVADA	909	11,562	0.29	0.33	13.23	20.16
NEW HAMPSHIRE	848	11,716	0.16	0.17	7.68	11.38
NEW JERSEY	5,660	10,475	0.13	0.14	16.13	25.48
NEW MEXICO	1,081	15,516	0.39	0.43	14.74	23.23
NEW YORK	10,267	10,486	0.18	0.20	18.44	27.30
NORTH CAROLINA	4,547	14,269	0.27	0.30	15.46	25.13
NORTH DAKOTA	426	13,969	0.20	0.22	7.82	11.58
OHIO 1/	7,470	12,450	0.19	0.22	16.67	28.17
OKLAHOMA	2,283	14,998	0.24	0.29	10.55	16.76
OREGON	2,374	10,852	0.18	0.20	8.44	13.12
PENNSYLVANIA	7,951	10,977	0.19	0.21	10.69	16.41
RHODE ISLAND	676	10,580	0.12	0.13	10.20	15.55
SOUTH CAROLINA	2,402	14,345	0.33	0.37	12.01	19.76
SOUTH DAKOTA	501	13,395	0.26	0.29	9.64	14.58
TENNESSEE 1/	3,393	13,931	0.30	0.33	13.79	21.30
TEXAS	11,293	14,058	0.24	0.27	14.30	23.33
UTAH	1,067	14,425	0.21	0.25	12.90	19.84
VERMONT	412	14,248	0.24	0.27	7.51	11.76
VIRGINIA	4,651	13,137	0.18	0.20	10.25	15.24
WASHINGTON	3,491	13,305	0.17	0.20	14.05	20.63
WEST VIRGINIA	1,286	12,462	0.29	0.32	13.49	20.65
WISCONSIN	3,394	13,394	0.20	0.23	12.06	17.69
WYOHING	341	17,589	0.30	0.36	9.81	15.30
U.S. TOTAL	168,998	12,853	0.22	0.25	13.08	20.32

1/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1990 DATA FOR HAWAII, MICHIGAN, OHIO, AND 1989 DATA FOR TENNESSEE.

**TABLE 10. FATAL AND INJURY ACCIDENT DATA
RELATED TO VEHICLE REGISTRATIONS - 1991**

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	3.699	11,604	0.26	0.30	7.57	11.24
ALASKA	471	8,537	0.19	0.21	9.09	13.41
ARIZONA	2,849	12,260	0.26	0.29	12.02	19.54
ARKANSAS	1,480	14,820	0.36	0.41	7.50	13.80
CALIFORNIA	22,253	11,593	0.19	0.21	10.07	15.73
COLORADO	3,045	9,111	0.16	0.18	8.31	12.61
CONNECTICUT	2,589	10,285	0.11	0.12	11.02	16.02
DELAWARE	534	12,586	0.17	0.19	9.20	14.70
DIST. OF COL.	246	13,943	0.24	0.26	38.63	55.05
FLORIDA	9,980	11,371	0.22	0.25	12.03	19.53
GEORGIA	5,714	12,777	0.21	0.24	10.72	16.98
HAWAII 1/	785	10,373	0.15	0.17	10.99	15.83
IDAHO	1,055	9,780	0.21	0.25	6.15	9.89
ILLINOIS	8,193	10,427	0.16	0.18	12.09	17.77
INDIANA	4,414	12,294	0.20	0.23	10.68	15.70
IOWA	2,668	8,628	0.16	0.18	7.51	10.94
KANSAS	1,879	12,340	0.19	0.22	10.13	15.26
KENTUCKY	2,963	11,884	0.24	0.28	11.12	17.11
LOUISIANA	3,046	11,395	0.26	0.28	13.31	22.24
MAINE	979	12,103	0.18	0.21	11.07	16.04
MARYLAND	3,630	11,391	0.17	0.19	12.34	20.50
MASSACHUSETTS	3,664	12,701	0.14	0.15	18.19	22.93
MICHIGAN 1/	7,245	11,309	0.18	0.19	12.27	19.52
MINNESOTA	3,273	11,993	0.14	0.16	8.83	13.06
MISSISSIPPI	1,887	13,194	0.31	0.37	7.51	14.27
MISSOURI	3,950	12,907	0.23	0.26	11.12	17.14
MONTANA	766	10,854	0.22	0.26	7.20	11.03
NEBRASKA	1,404	10,039	0.17	0.20	10.89	16.30
NEVADA	881	11,930	0.30	0.34	13.65	20.80
NEW HAMPSHIRE	906	10,966	0.15	0.16	7.19	10.65
NEW JERSEY	5,519	10,743	0.13	0.14	16.54	26.13
NEW MEXICO	1,320	12,707	0.32	0.36	12.07	19.02
NEW YORK	9,771	11,018	0.19	0.21	19.37	28.69
NORTH CAROLINA	5,216	12,439	0.23	0.26	13.48	21.91
NORTH DAKOTA	629	9,461	0.14	0.15	5.30	7.85
OHIO 1/	8,685	10,708	0.17	0.19	14.34	24.23
OKLAHOMA	2,669	12,829	0.21	0.24	9.03	14.33
OREGON	2,507	10,276	0.17	0.19	7.99	12.42
PENNSYLVANIA	8,038	10,859	0.19	0.21	10.57	16.23
RHODE ISLAND	628	11,389	0.13	0.14	10.98	16.74
SOUTH CAROLINA	2,471	13,944	0.32	0.36	11.68	19.21
SOUTH DAKOTA	702	9,560	0.19	0.20	6.88	10.41
TENNESSEE 1/	4,542	10,407	0.22	0.25	10.30	15.91
TEXAS	12,697	12,503	0.21	0.24	12.72	20.75
UTAH	1,230	12,513	0.19	0.22	11.19	17.21
VERMONT	447	13,132	0.22	0.25	6.92	10.84
VIRGINIA	5,022	12,166	0.17	0.19	9.50	14.12
WASHINGTON	4,404	10,547	0.14	0.15	11.14	16.35
WEST VIRGINIA	1,273	12,589	0.29	0.33	13.62	20.86
WISCONSIN	3,685	12,336	0.18	0.22	11.10	16.30
WYOMING	469	12,789	0.22	0.26	7.13	11.13
U.S. TOTAL	188,372	11,532	0.20	0.22	11.73	18.23

1/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1990 DATA FOR HAWAII, MICHIGAN, OHIO, AND 1989 DATA FOR TENNESSEE.



SECTION IV - PUERTO RICO AND U.S. TERRITORIES

Table 11 contains the travel and accident data reported by Puerto Rico for calendar year 1991.

TABLE 11. FATAL AND INJURY ACCIDENTS IN PUERTO RICO - 1991

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	25	3.32	1,600	212.20	27	3.58	2,950	391.25
Interstate (Urban)	115	2,331	58	2.49	3,178	136.34	65	2.79	2,187	93.82
Other Primary (Rural)	306	1,035	52	5.02	3,033	293.04	57	5.51	5,316	513.62
Other Primary (Urban)	217	2,042	12	0.59	673	32.96	13	0.64	2,440	119.49
Urban Arterial (Urban)	420	2,206	16	0.73	524	23.75	18	0.82	2,321	105.21
Urban Collector (Urban)	181	577	22	3.81	1,248	216.29	22	3.81	1,926	333.80
Secondary (Rural)	855	888	53	5.97	3,732	420.27	58	6.53	5,726	644.82
All Federal-Aid	2,177	9,833	238	2.42	13,988	142.26	260	2.64	22,866	232.54
NON-FEDERAL-AID										
Arterial (Rural)	-	-	-	-	-	-	-	-	-	-
Arterial (Urban)	55	174	0	0.00	336	193.10	0	0.00	751	431.61
Collector (Rural)	679	548	24	4.38	1,693	308.94	27	4.93	2,621	478.28
Collector (Urban)	295	564	3	0.53	1,024	181.56	3	0.53	1,890	335.11
Local (Rural)	6,989	619	64	10.34	4,657	752.34	65	10.50	6,542	1056.87
Local (Urban)	3,291	1,120	68	6.07	4,755	424.55	71	6.34	6,957	621.16
All Non-Federal-Aid	11,309	3,025	159	5.26	12,465	412.07	166	5.49	18,761	620.20
All Rural Highways	8,912	3,844	218	5.67	14,715	382.80	234	6.09	23,155	602.37
All Urban Highways	4,574	9,014	179	1.99	11,738	130.22	192	2.13	18,472	204.93
TOTAL	13,486	12,858	397	3.09	26,453	205.73	426	3.31	41,627	323.74
* Per 100 Million Vehicle-Miles										



SECTION V - RELATIONSHIP OF FATALITY RATES TO TRAVEL DENSITY

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

The general characteristics of the relationship between fatality rates and travel density were described in Section I. Curves illustrating provisional rate-density relationships have been derived from reported data for the 4-year period from 1987 through 1990. The relationships must be regarded as provisional because they are based on data which are incomplete and known to contain errors. Despite their flaws, the curves provide a more suitable base than the national fatality rate for evaluating State rates. A curve describing the provisional rate-density relationship for all highways in the States is shown in Figure 7-A1.

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

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

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 1991 fatality rate is shown along with a provisional range centered upon a value taken from the rate density curve in Figure 7-A1. If variations from rates on the rate-density curve in Figure 7-A1 followed a binomial distribution, the probability would be 99 out of 100 that each observed rate would fall within the provisional range shown in Figure 7-A2. Conversely, the chances would be only 1 in 100 that an observed rate would fall outside the provisional range if the risk were the same in 1991 as in the preceding 4 years and variation from the rate-density curve were random. If a rate falls above or below the range shown, it is likely that it is unusually high or low for some reason other than random variation. Figure 7-A2 shows that most State fatality rates varied significantly from the provisional rate-density curve. The 1991 fatality rates were about the same for California and Vermont. Yet, Vermont'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 Vermont 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 the information in Figures 7-A1 and 7-A2.

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

For every system, most fatality rates observed in 1991 were rarely above the provisional range based on 1987 through 1990 experience (Figure 7).

USING RATE-DENSITY RELATIONSHIPS

Rate-density curves may be regarded as sets of provisional national norms for fatality rates. Figure 7-A1 on page 60 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 61. Differences in the width of provisional ranges reflect differences in volumes of travel; ranges are widest in the States with the least travel. When State rates fall above or below the provisional ranges, the deviation from the provisional national norm is likely to be caused by something other than random variation. Possible causes include effective safety programs, hazardous highways, inconsistent data, and many other contributing factors.

Figure 7 may be used to answer questions such as:

1. **Where are successful safety programs most likely found?**

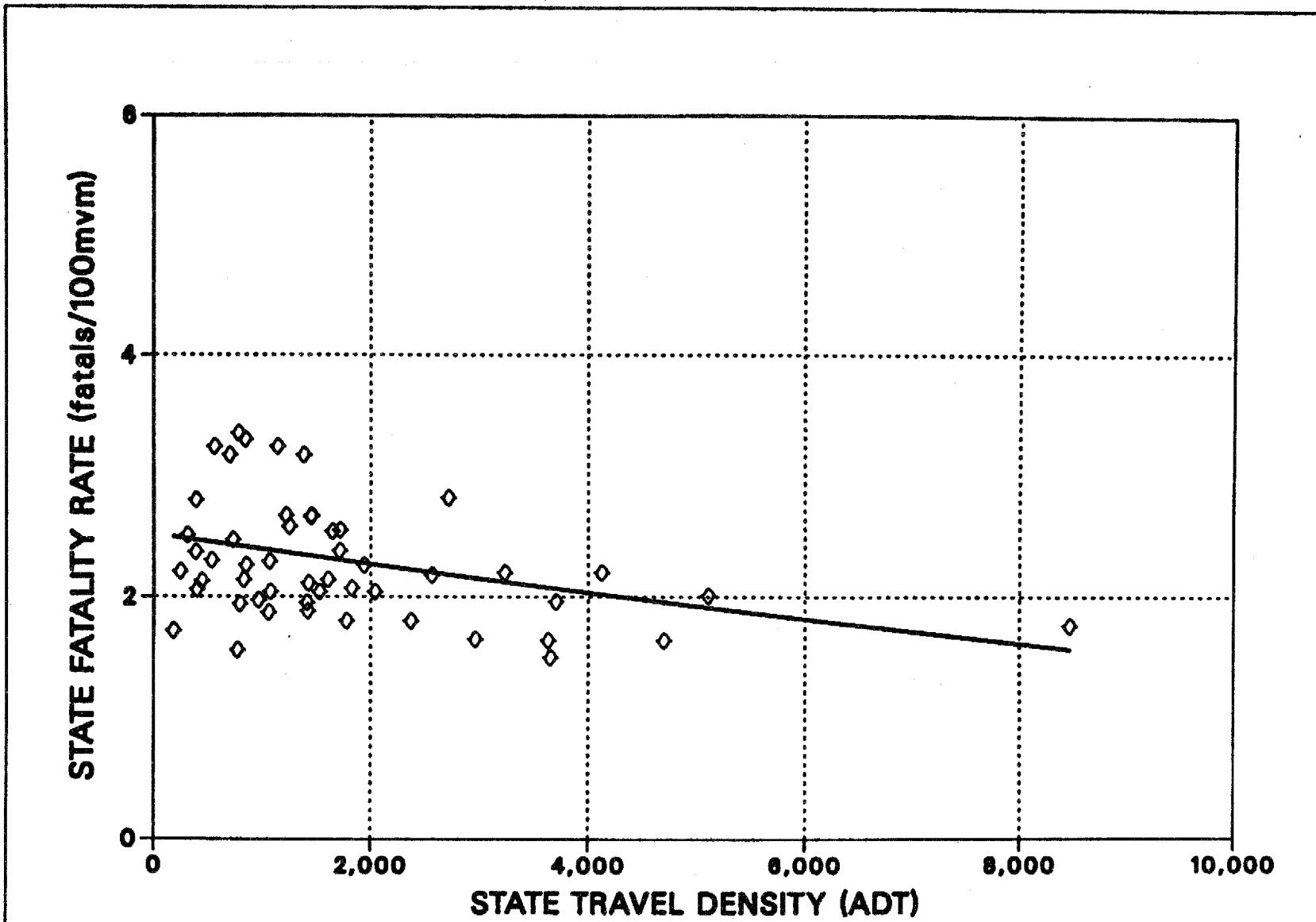
Those States where the 1991 fatality rate is to the left of the provisional range are most likely to have successful safety programs. See Figures 7-A2, 7-B2, etc.

2. **Are safety programs in a particular state more likely to have been successful on some systems than on others?**

Safety programs are more likely to have been successful on those highway systems where the 1991 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 improvement of safety programs likely to be found?**

The greatest potential for reduction of traffic deaths in a State is likely to be on those highway systems where the 1991 fatality rate is to the right of the provisional range. See Figures 7-C2, 7-D2, etc.



**Fig. 7-A1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
ALL HIGHWAYS**

FATALITIES PER 100 MILLION VEHICLE MILES

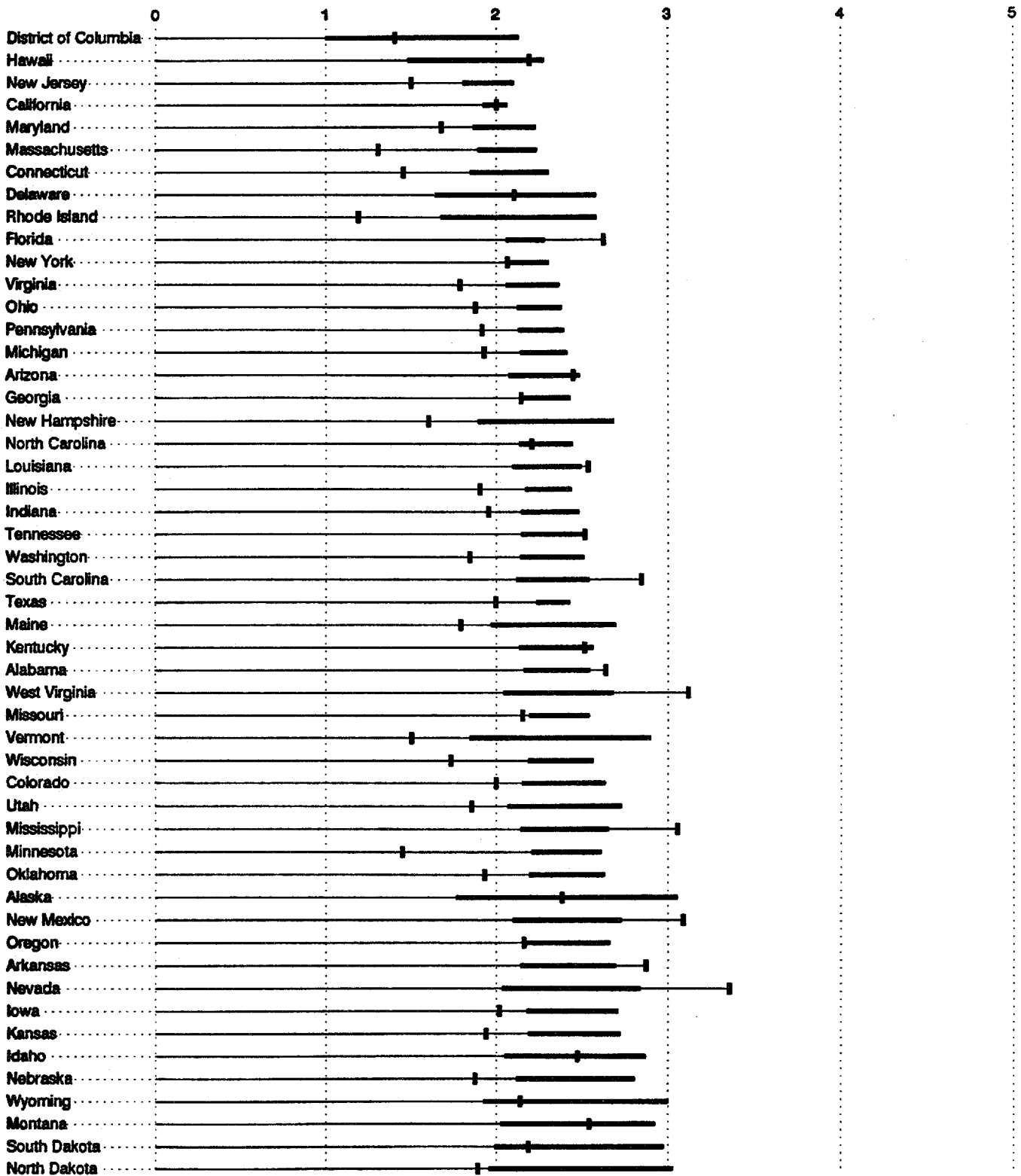


Figure 7-A2 FATALITY RATE BY STATE - ALL HIGHWAYS (1991)

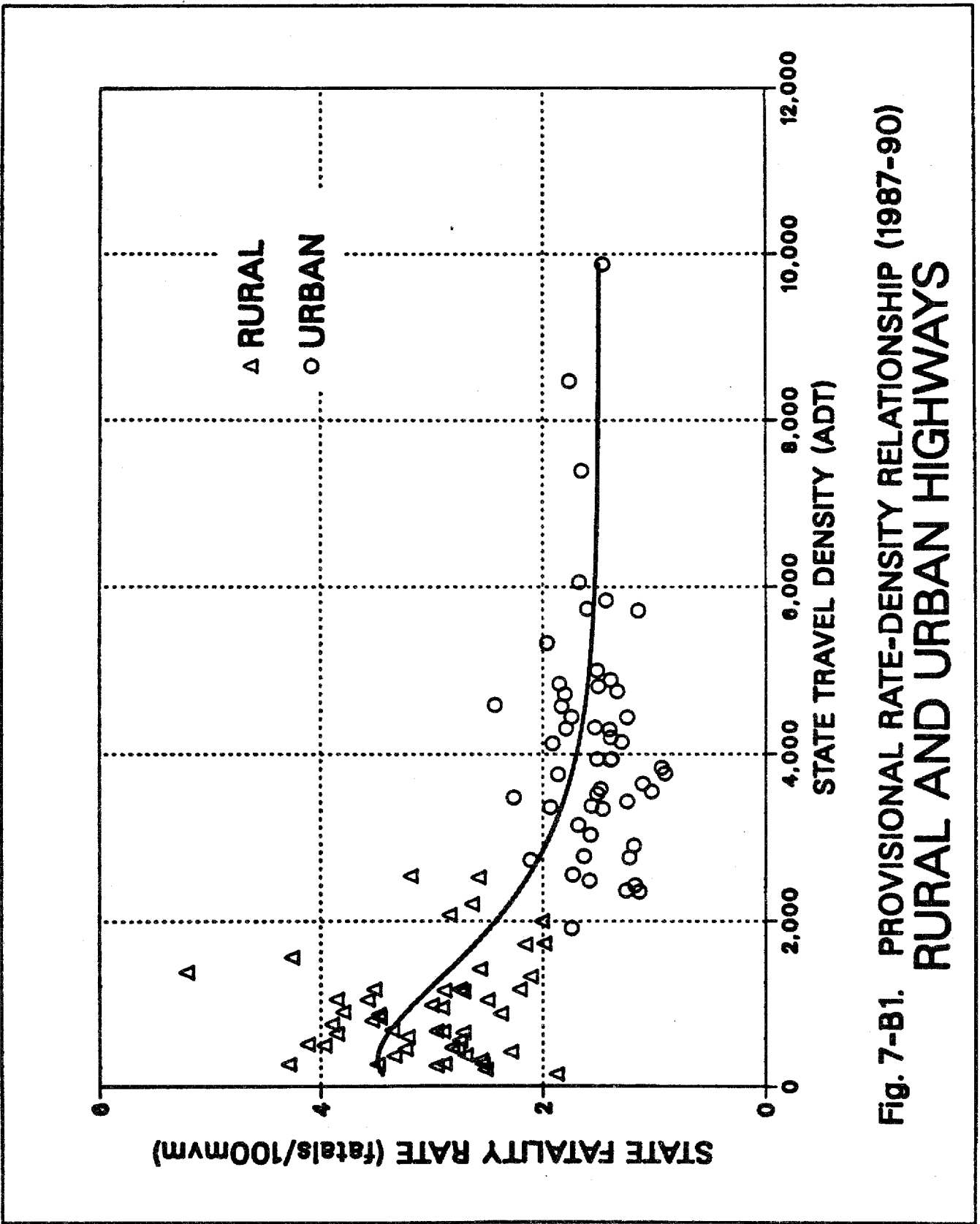


Fig. 7-B1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
RURAL AND URBAN HIGHWAYS

FATALITIES PER 100 MILLION VEHICLE MILES

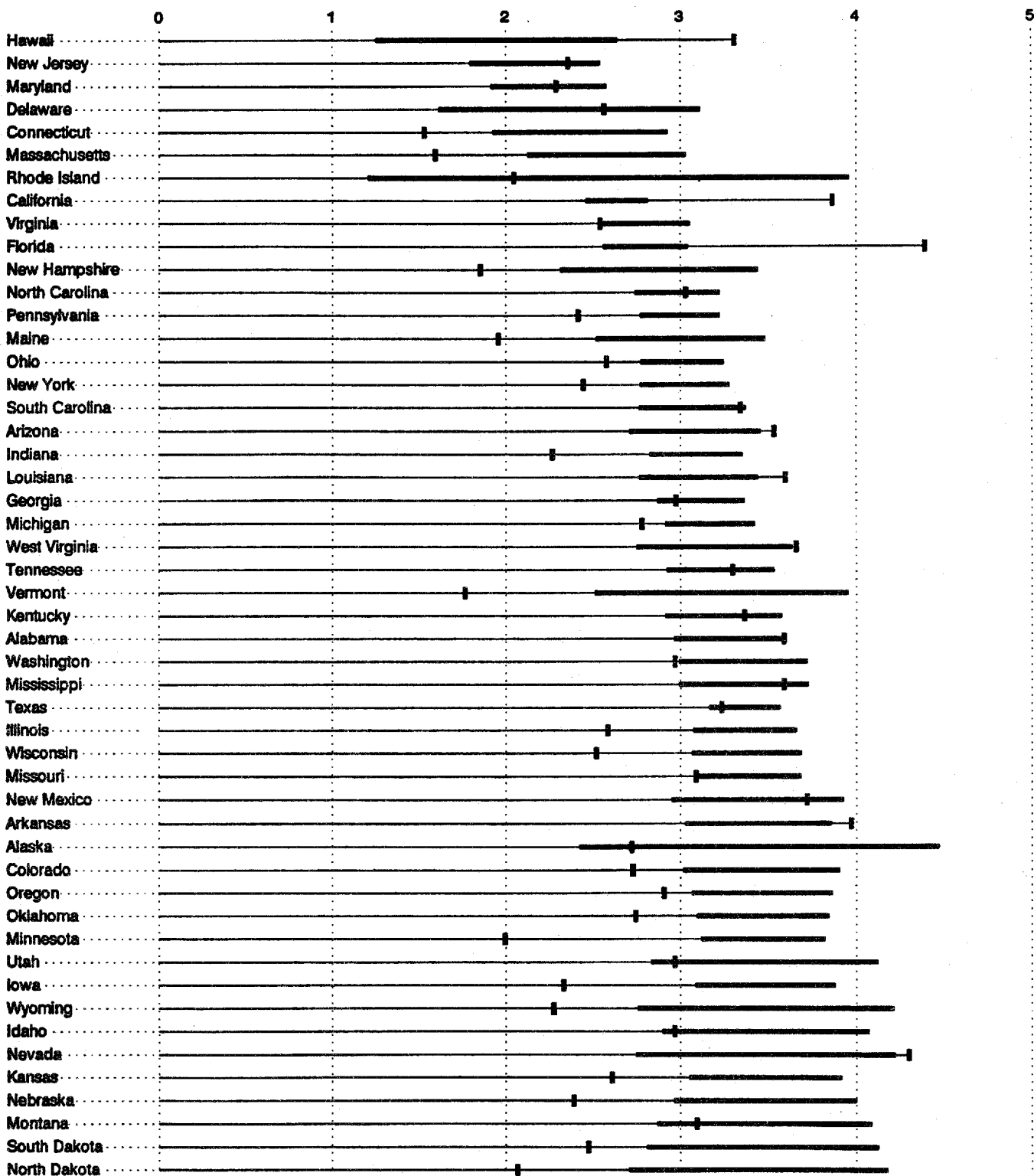


Figure 7-B2a FATALITY RATE BY STATE - ALL RURAL HIGHWAYS (1991)

FATALITIES PER 100 MILLION VEHICLE MILES

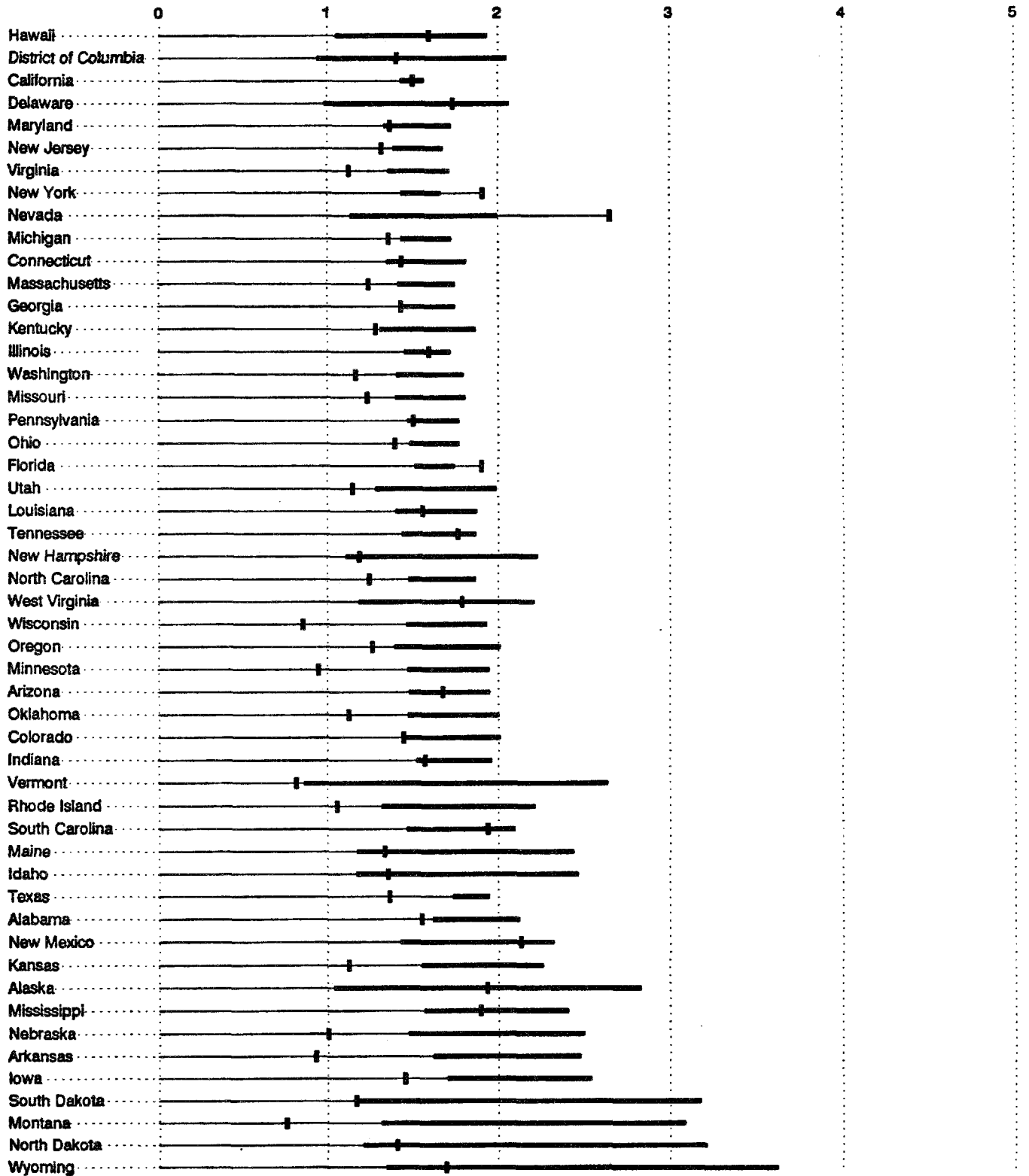
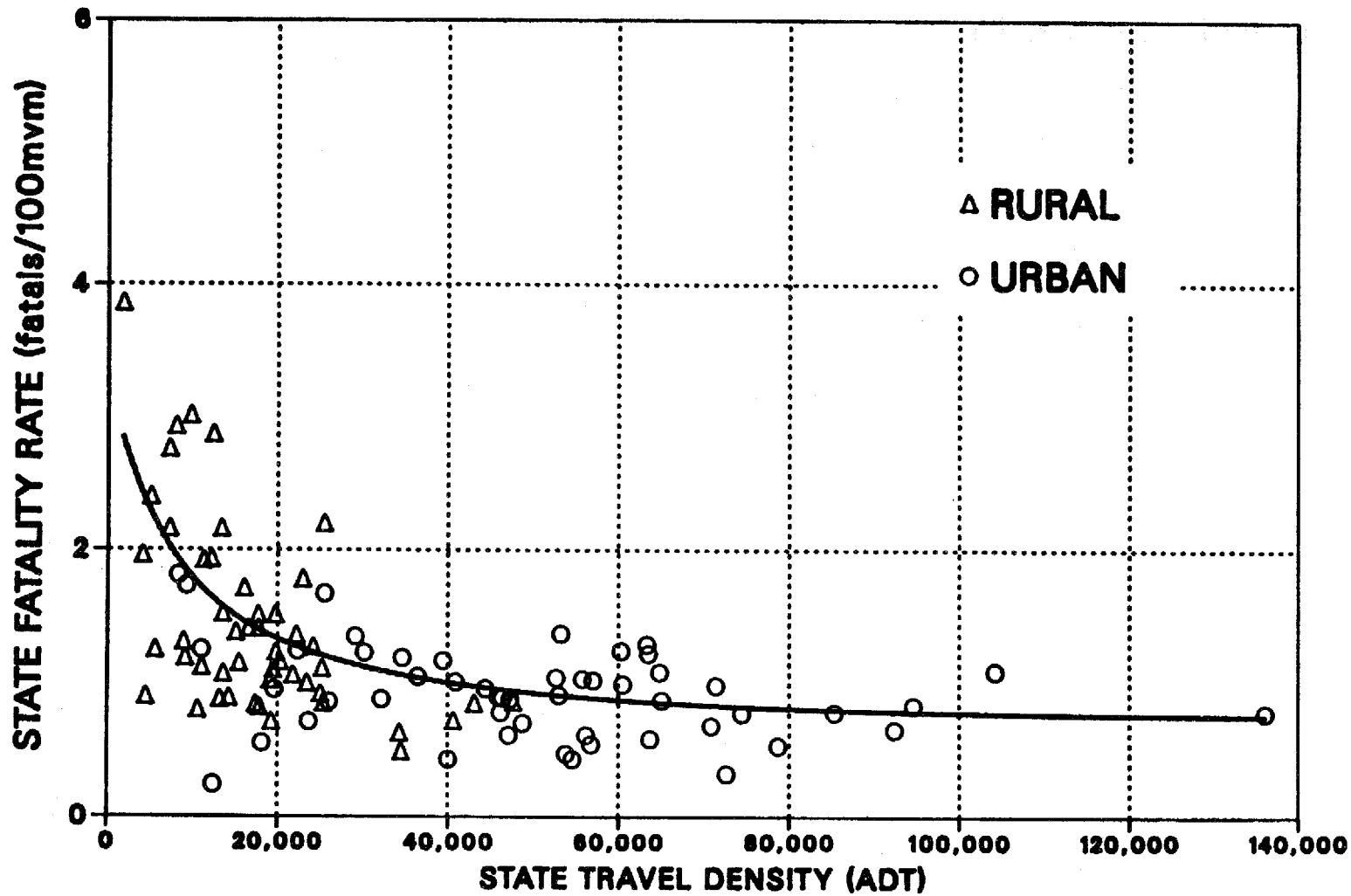


Figure 7-B2b FATALITY RATE BY STATE - ALL URBAN HIGHWAYS (1991)



**Fig. 7-C1a. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
INTERSTATE SYSTEM**

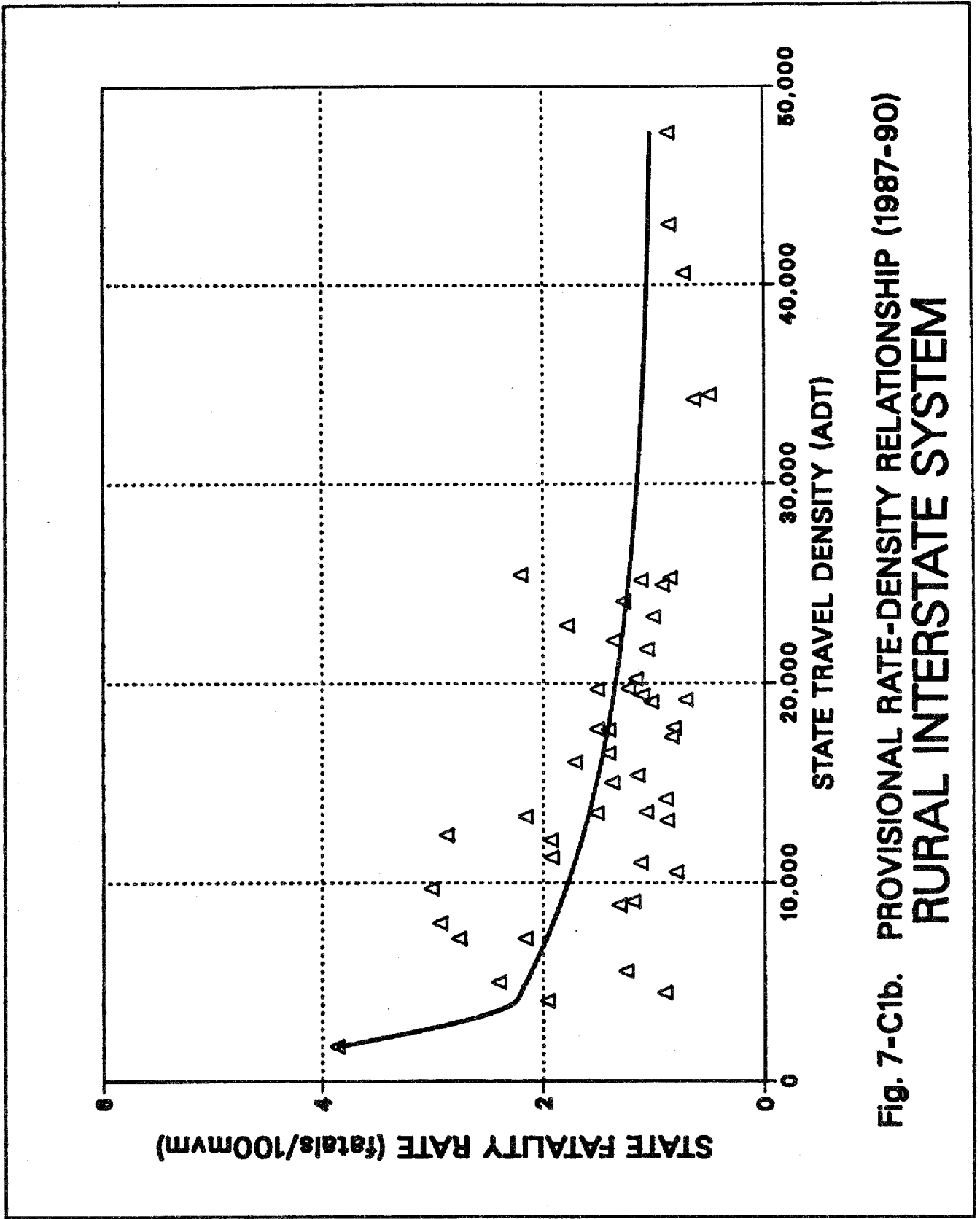
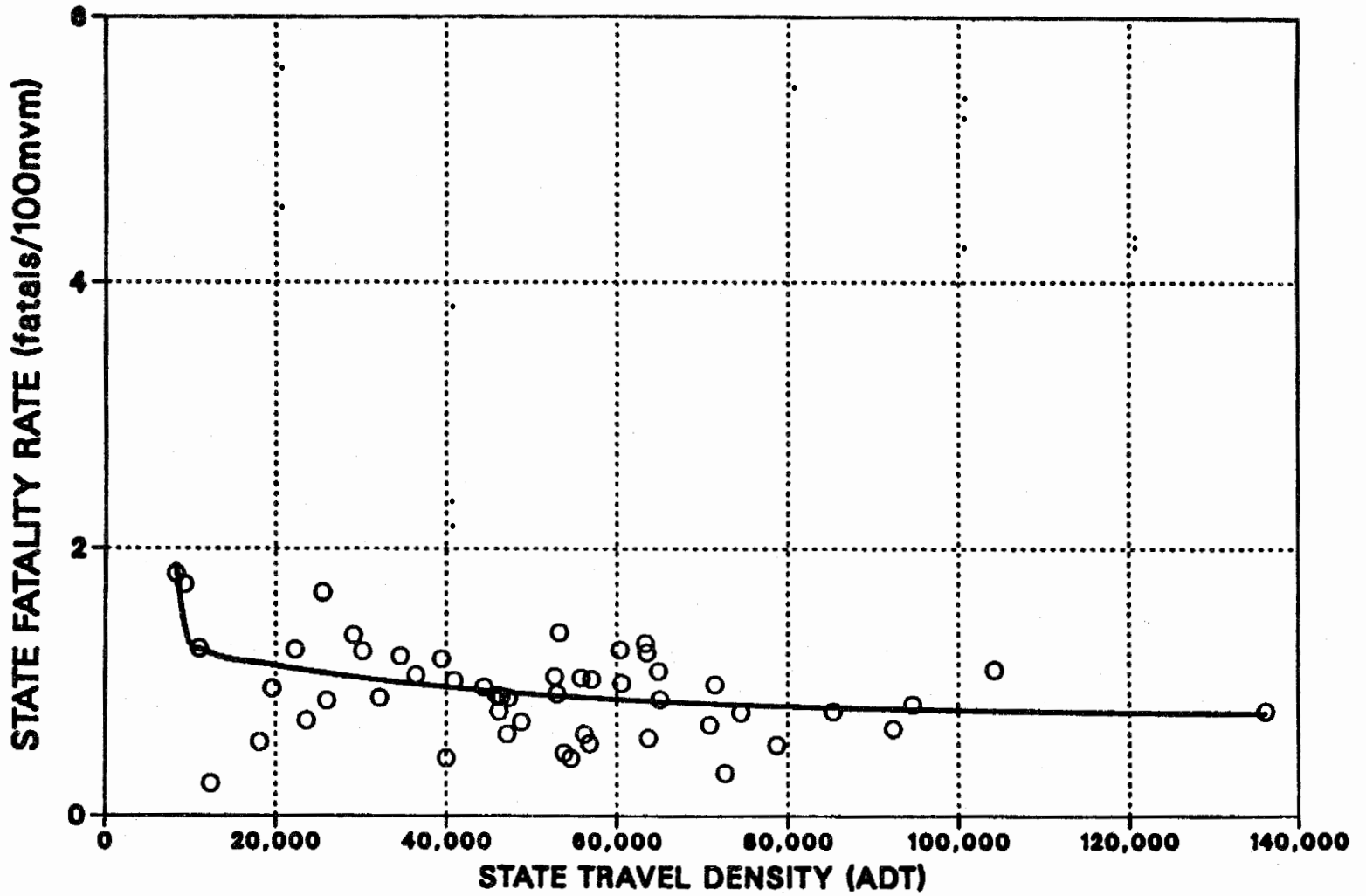


Fig. 7-C1b. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
RURAL INTERSTATE SYSTEM



**Fig. 7-C1c. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
URBAN INTERSTATE SYSTEM**

FATALITIES PER 100 MILLION VEHICLE MILES

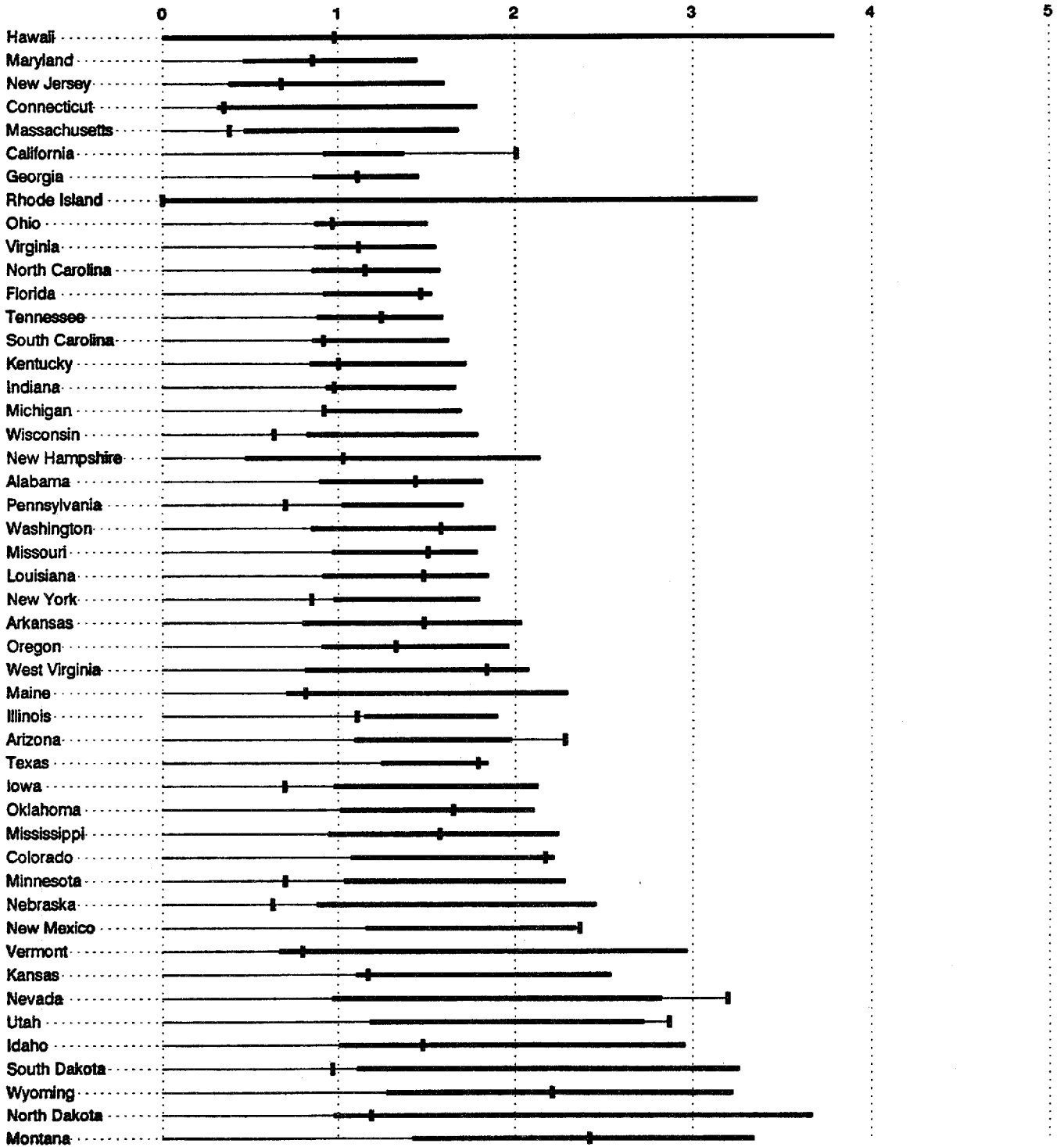


Figure 7-C2a FATALITY RATE BY STATE - RURAL INTERSTATE HIGHWAYS (1991)

FATALITIES PER 100 MILLION VEHICLE MILES

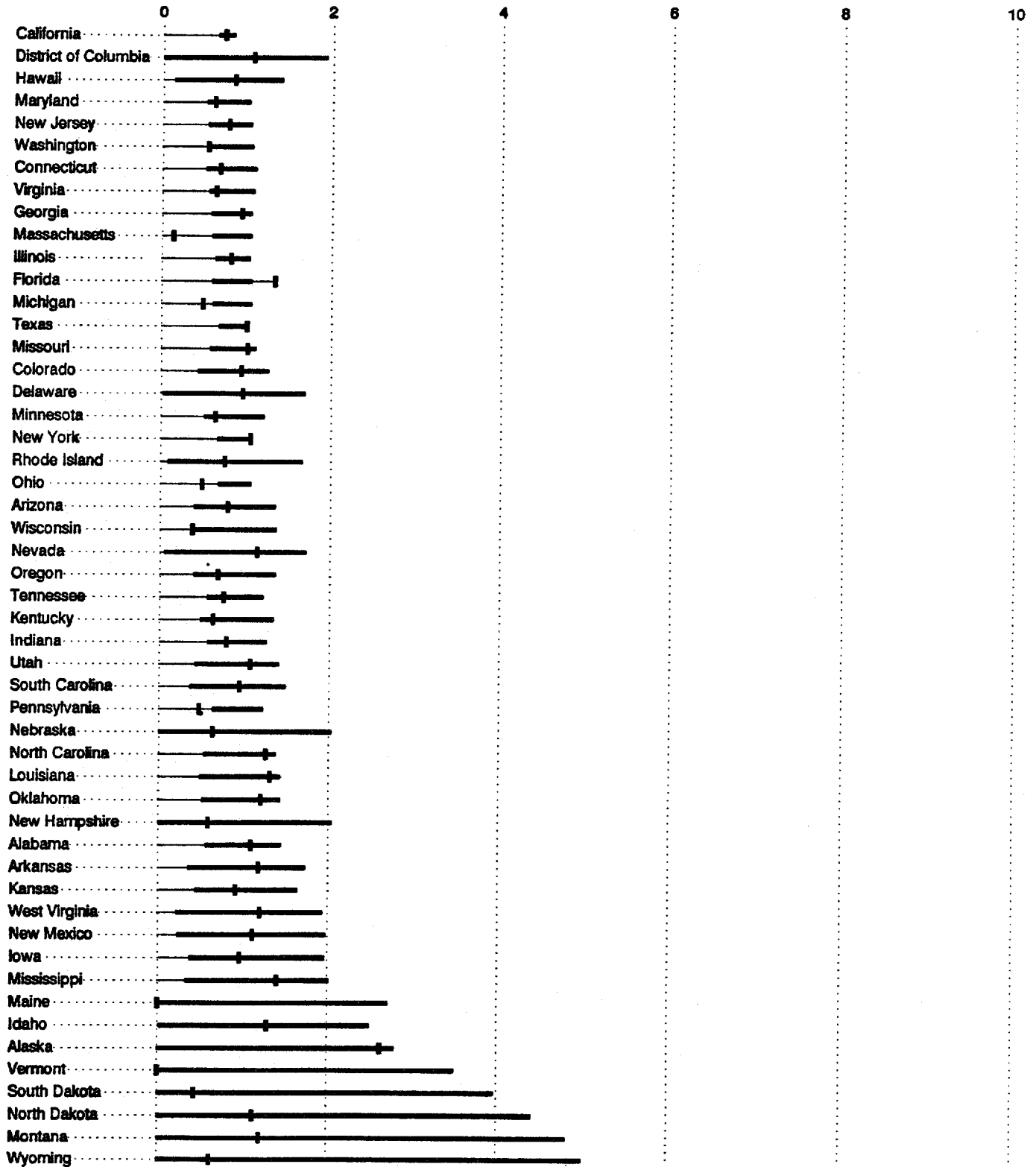


Figure 7-C2b FATALITY RATE BY STATE - URBAN INTERSTATE HIGHWAYS (1991)

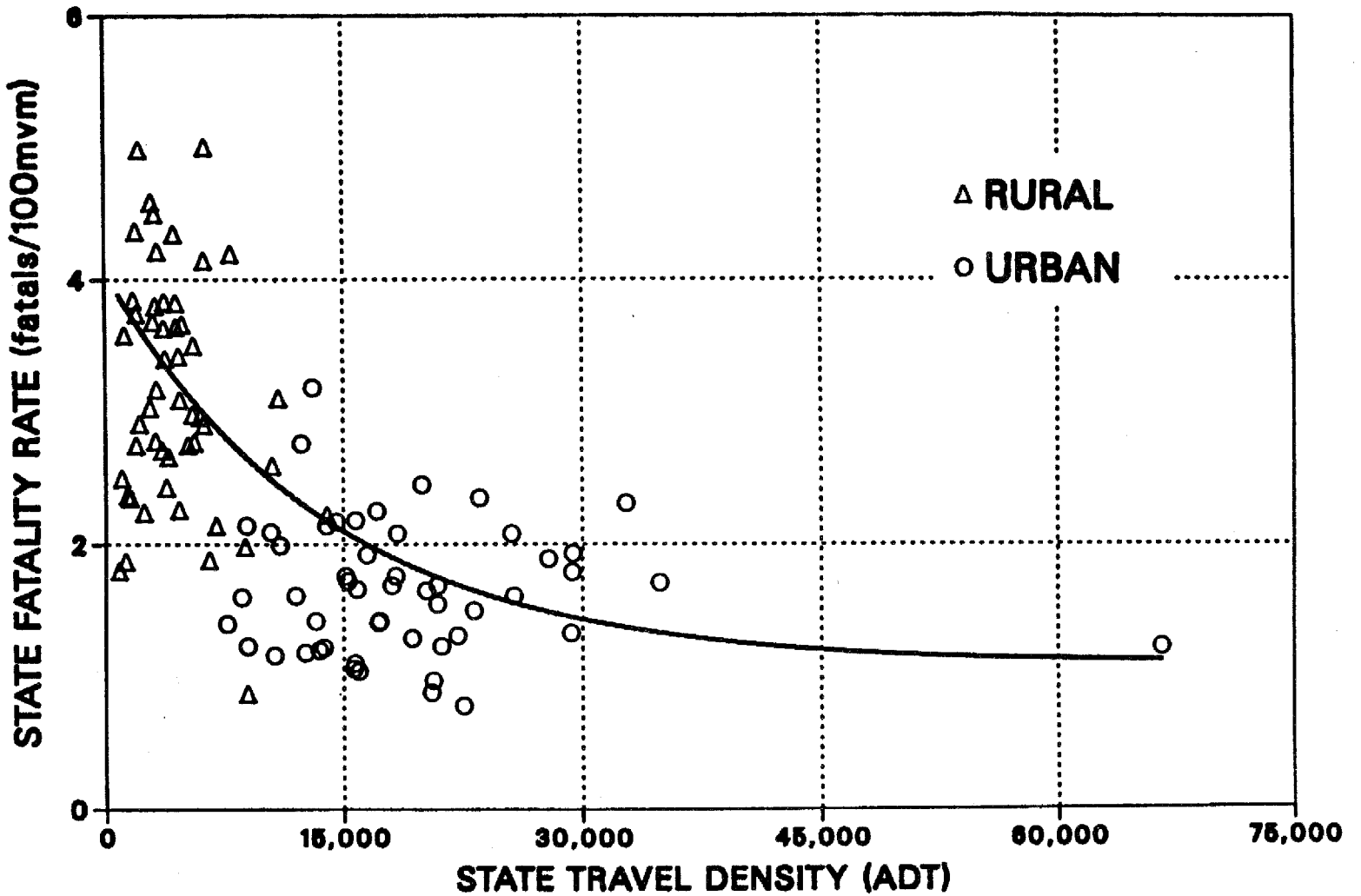


Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
OTHER FEDERAL-AID PRIMARY HIGHWAYS

FATALITIES PER 100 MILLION VEHICLE MILES

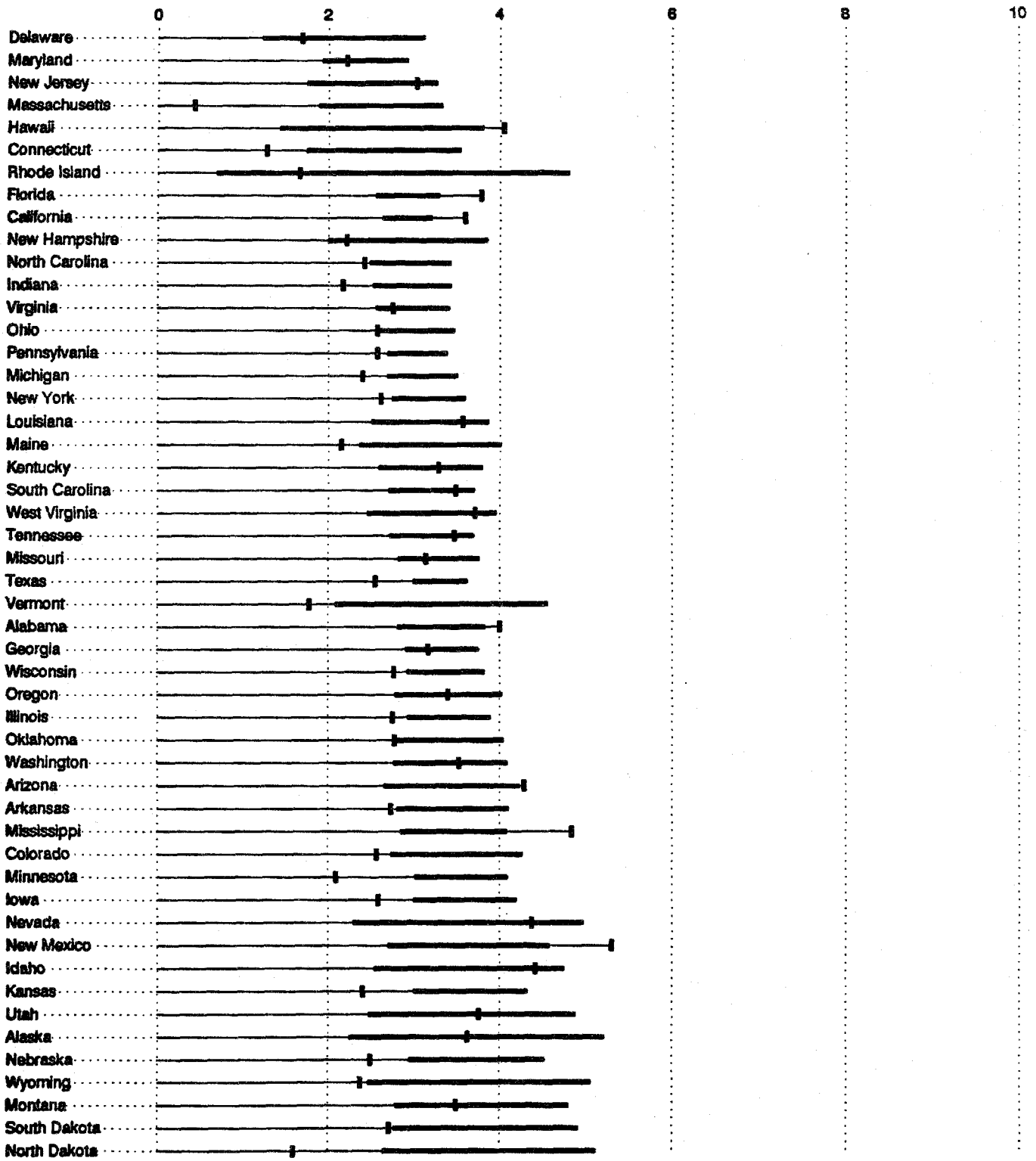


Figure 7-D2a FATALITY RATE BY STATE - OTHER RURAL FEDERAL-AID PRIMARY HIGHWAYS (1991)

FATALITIES PER 100 MILLION VEHICLE MILES

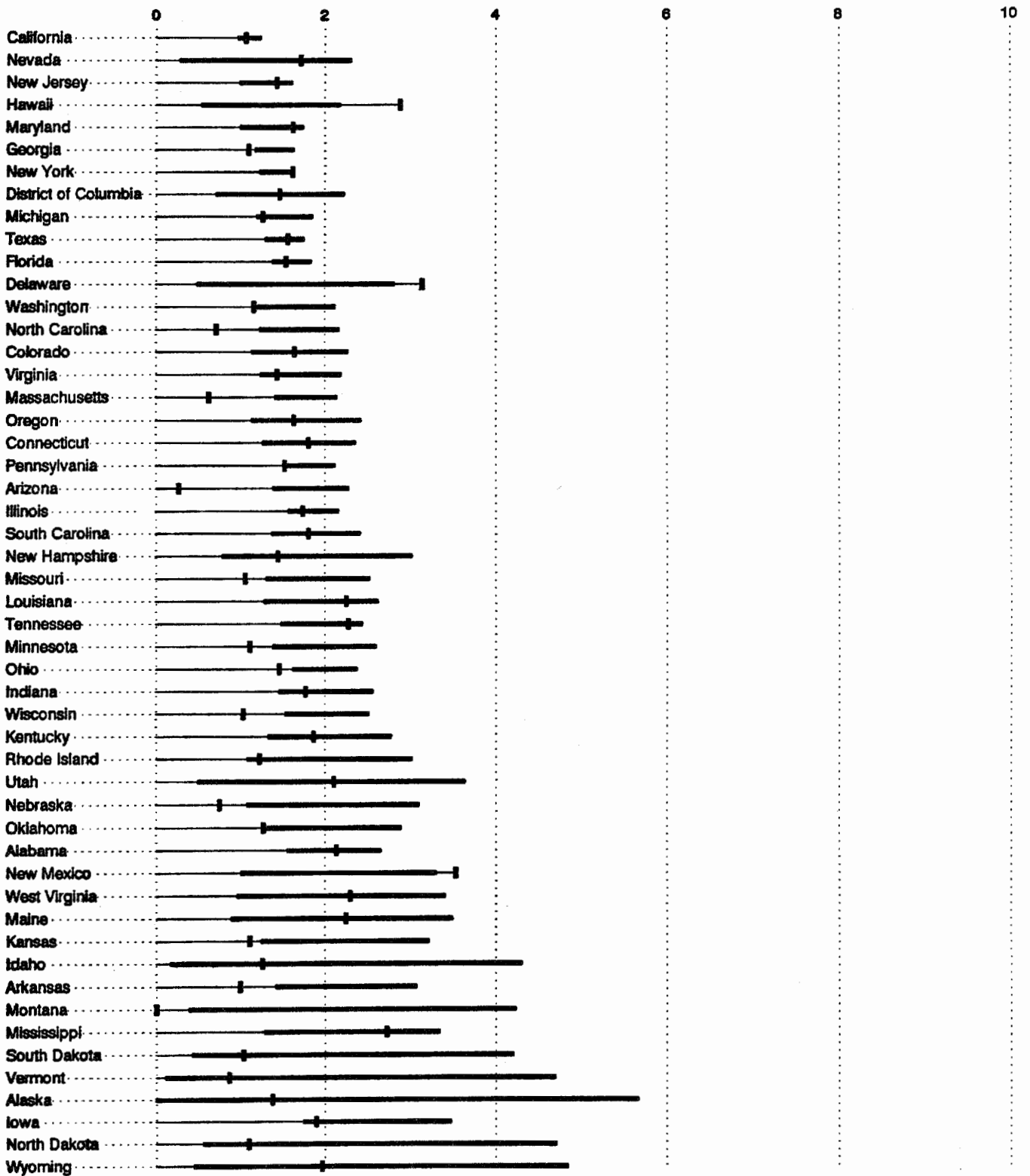
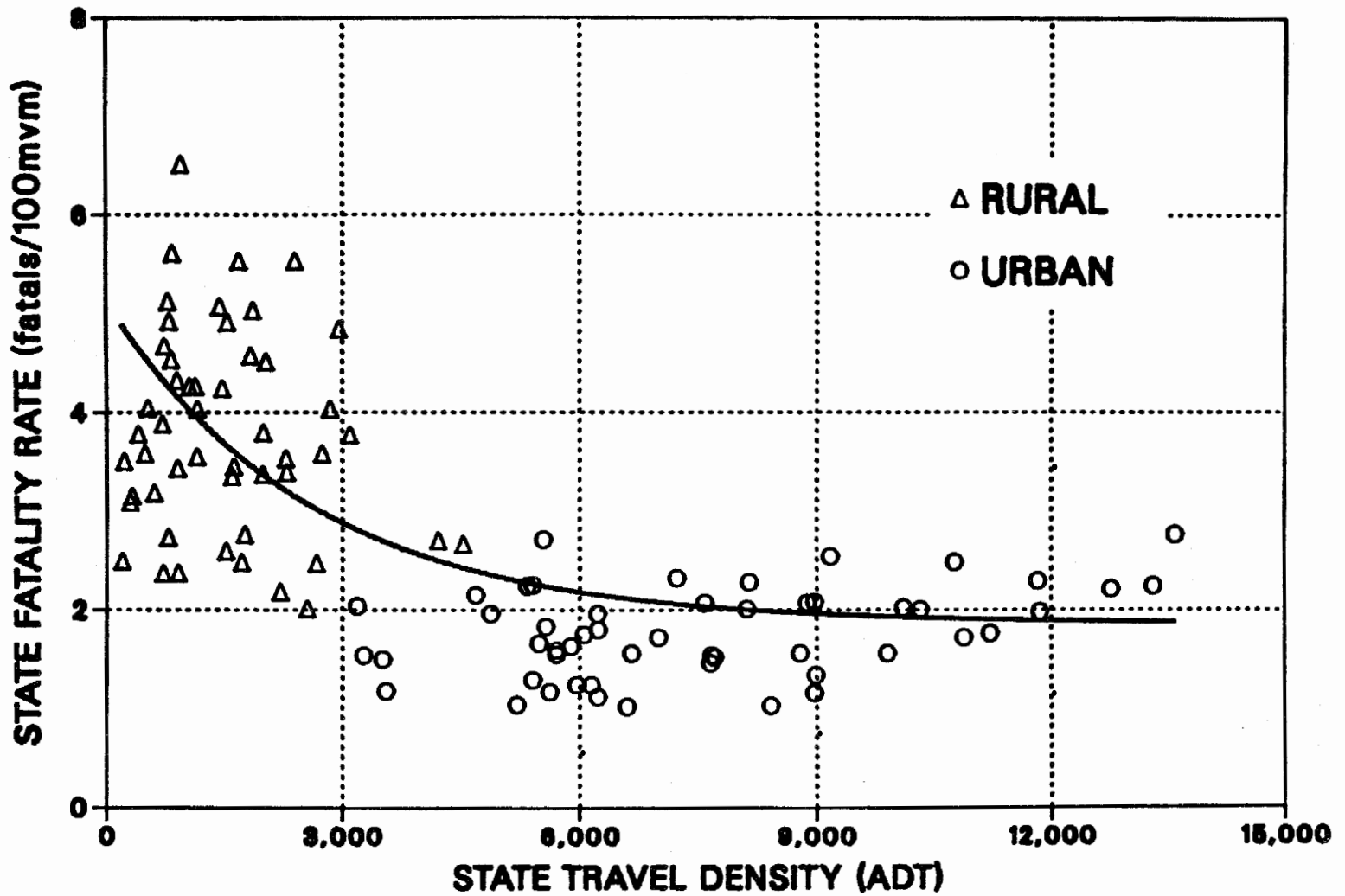


Figure 7-D2b FATALITY RATE BY STATE - OTHER URBAN FEDERAL-AID PRIMARY HIGHWAYS (1991)



**Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
FEDERAL-AID SECONDARY AND URBAN SYSTEMS**

FATALITIES PER 100 MILLION VEHICLE MILES

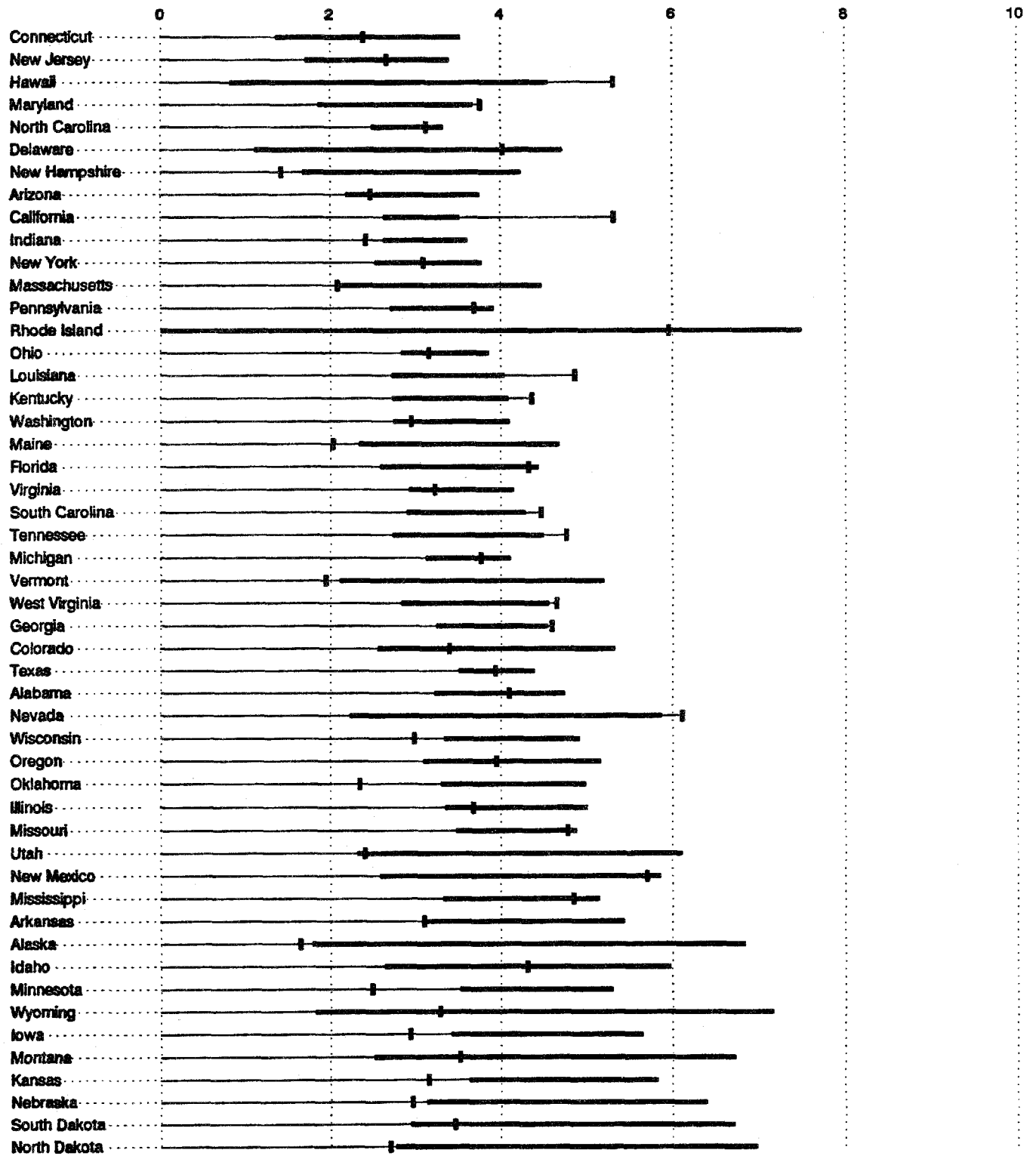


Figure 7-E2a FATALITY RATE BY STATE - FEDERAL-AID SECONDARY HIGHWAYS (1991)

FATALITIES PER 100 MILLION VEHICLE MILES

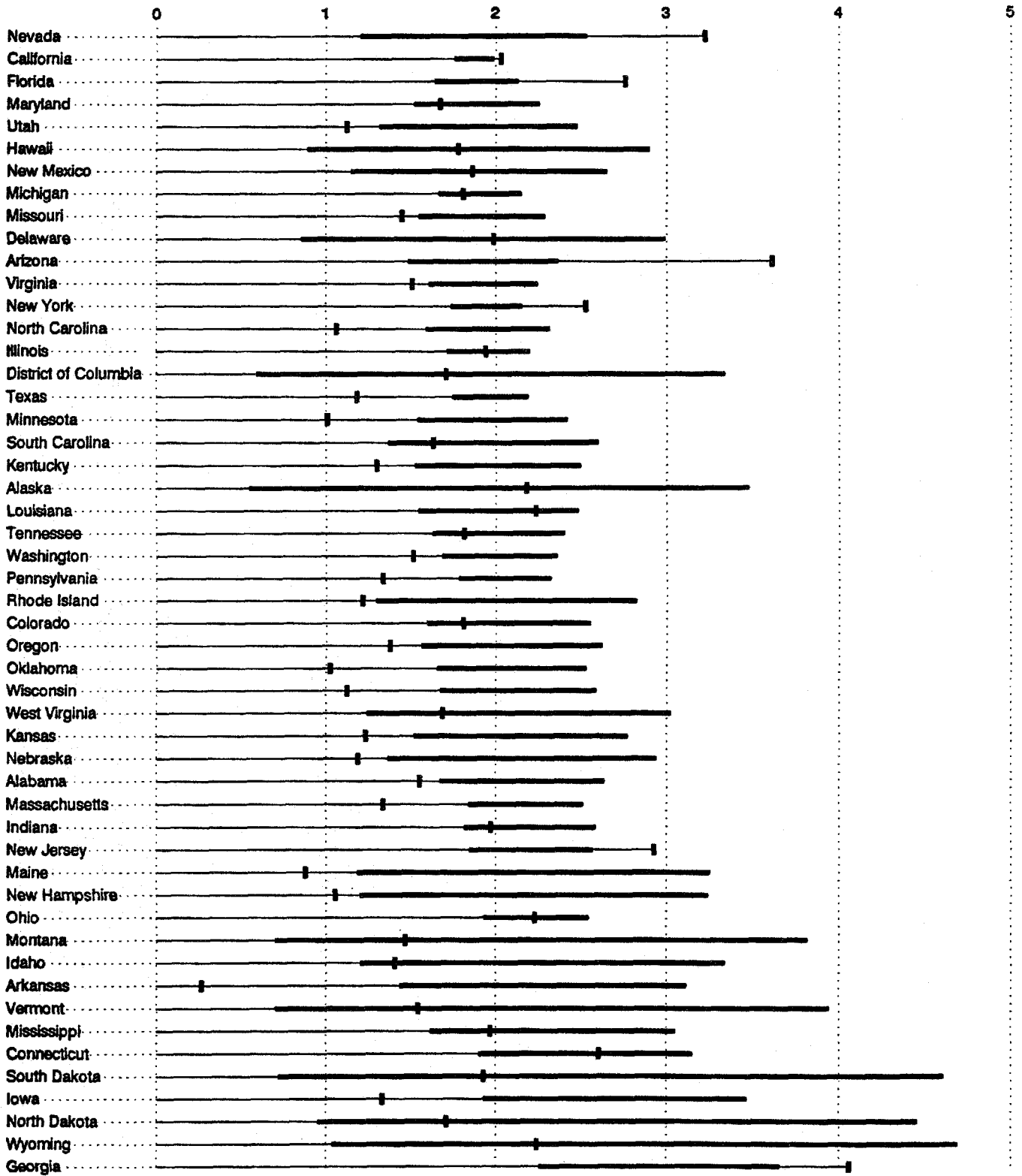


Figure 7-E2b FATALITY RATE BY STATE - FEDERAL-AID URBAN SYSTEM HIGHWAYS (1991)

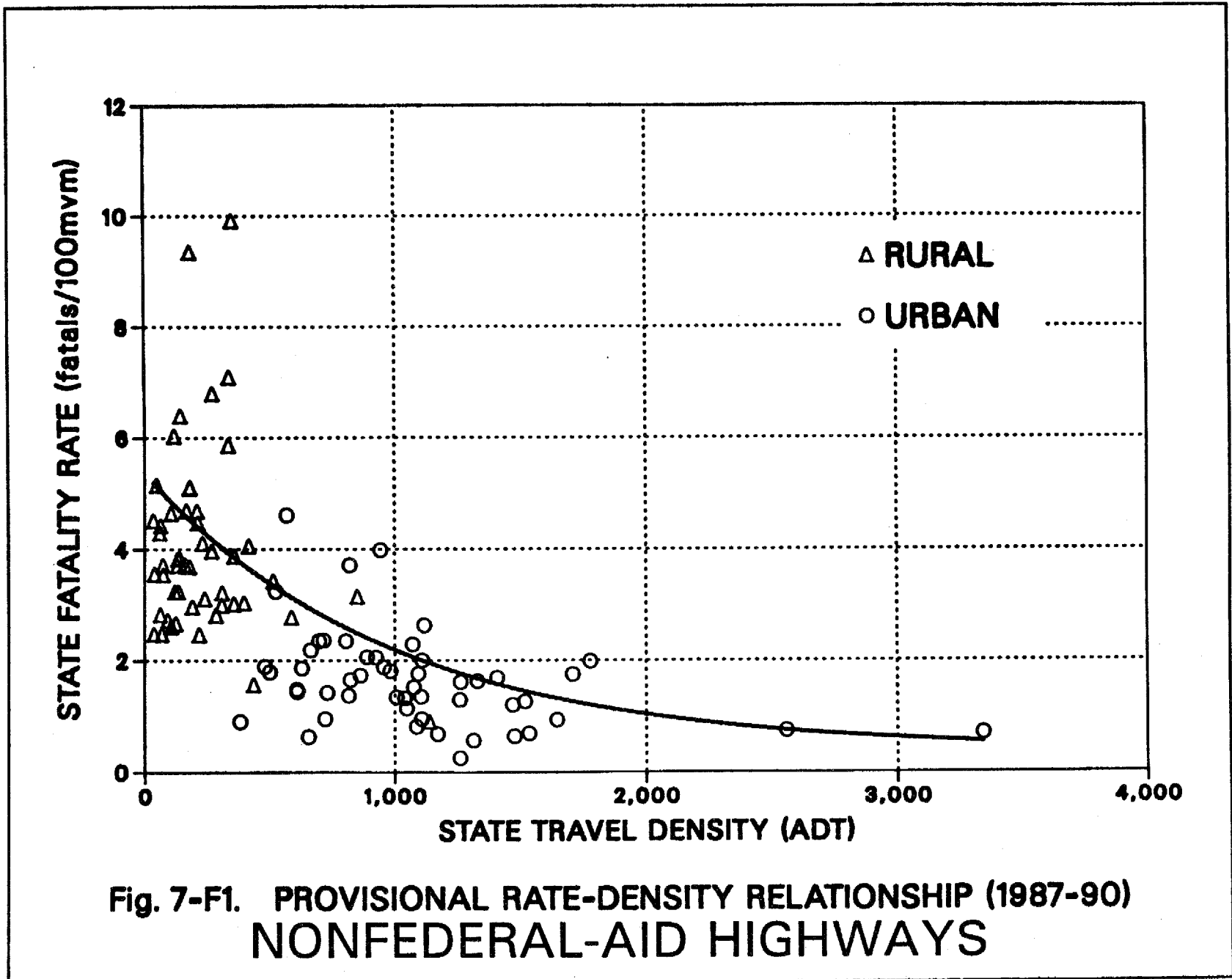


Fig. 7-F1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1987-90)
NONFEDERAL-AID HIGHWAYS

FATALITIES PER 100 MILLION VEHICLE MILES

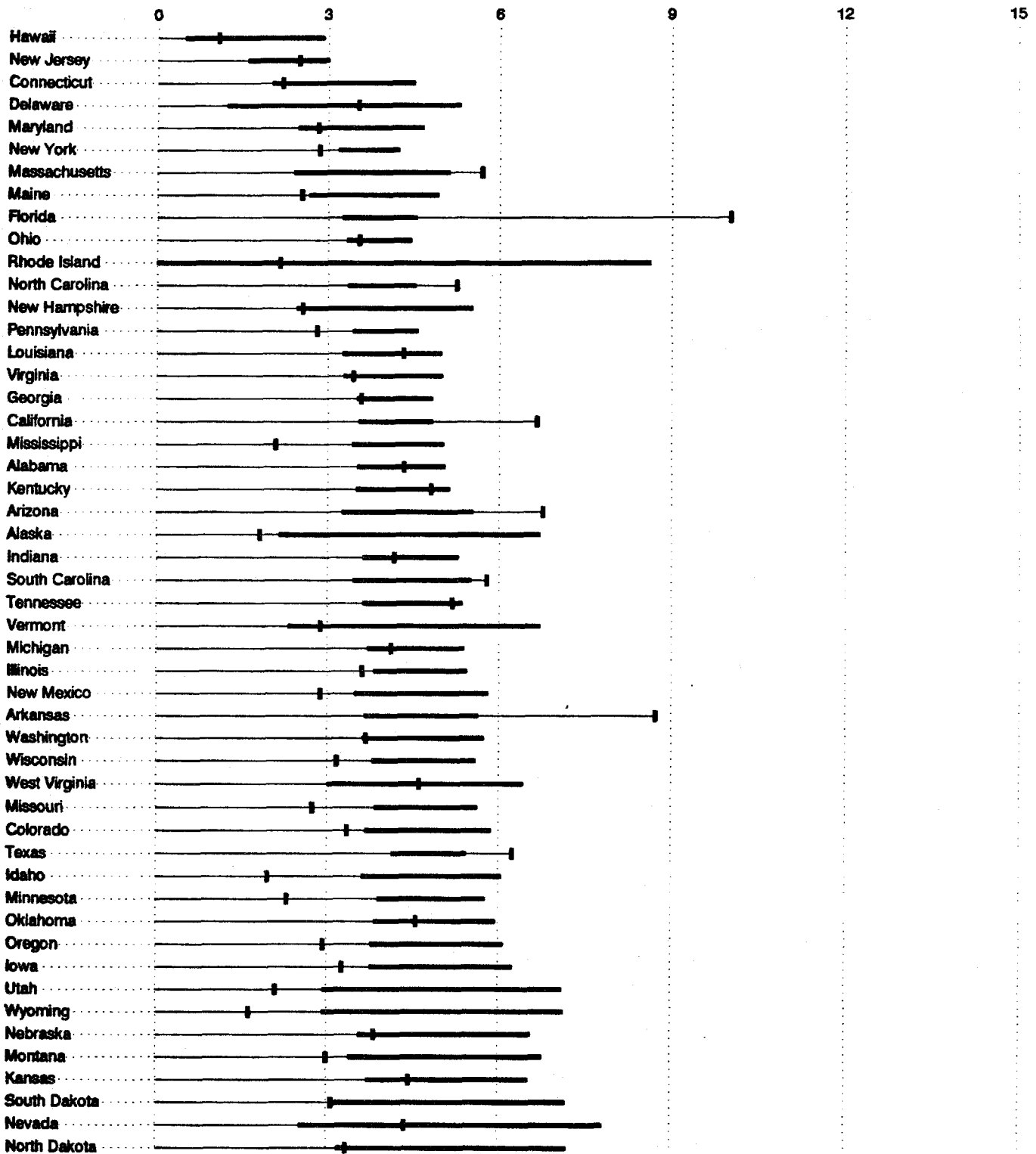


Figure 7-F2a FATALITY RATE BY STATE - RURAL NONFEDERAL-AID HIGHWAYS (1991)

FATALITIES PER 100 MILLION VEHICLE MILES

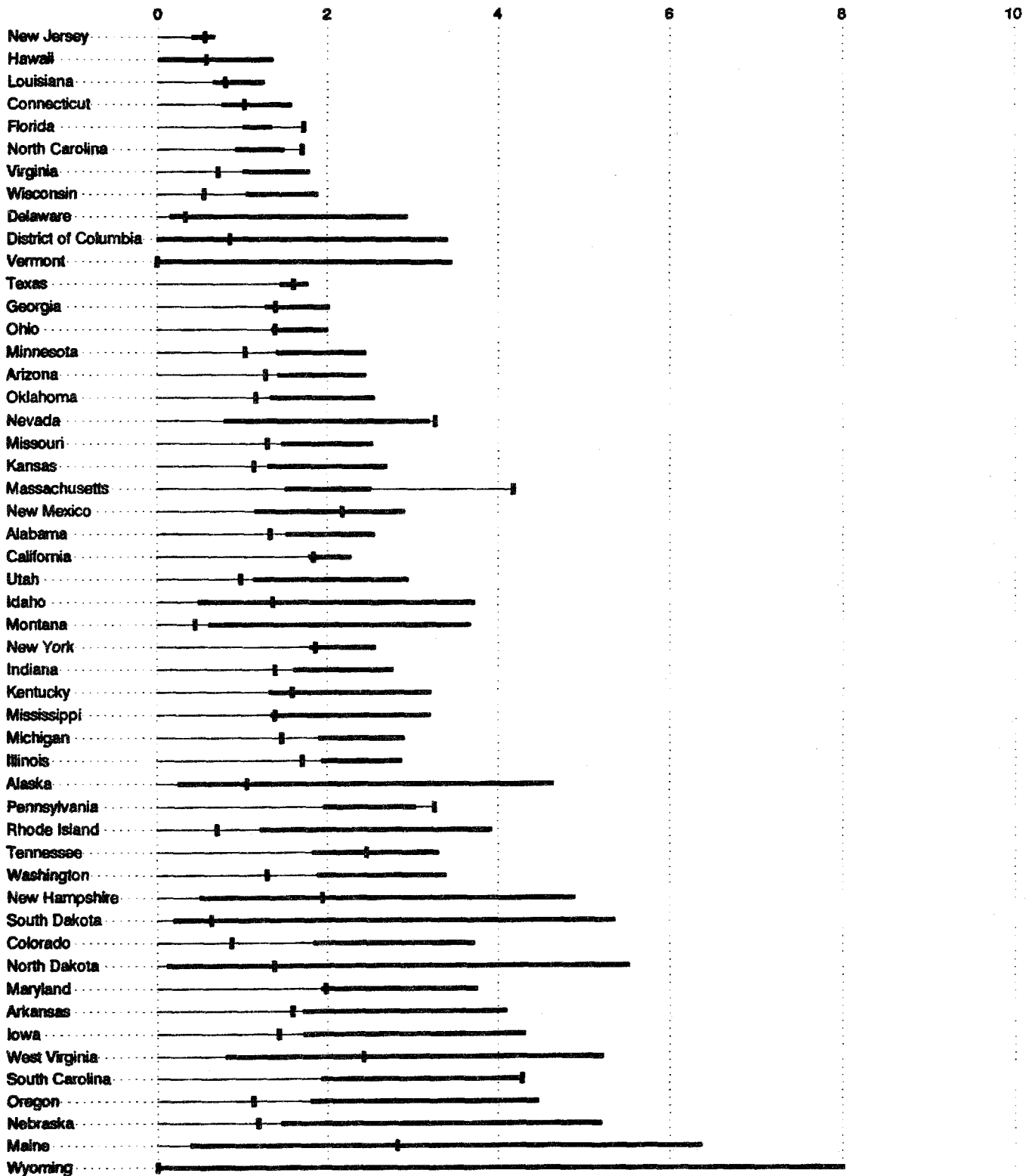


Figure 7-F2b FATALITY RATE BY STATE - URBAN NONFEDERAL-AID HIGHWAYS (1991)

SECTION VI - STATE FATALITY RATE TRENDS

It is sometimes more useful to know the trend within a State than to know how that State compares with others. Figure 8 illustrates changes in State rates over the 5-year period from 1987 through 1991. 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. It is not intended that Figure 8 be used to compare the magnitude of fatality rates in different States.

While Kansas demonstrates decreasing fatality rates throughout the 5-year period, others report little improvement since 1987. In more than half the States, the rate reported for 1991 is lower than the rates for the preceding year. There were six States which had a 1991 fatality rate above the provisional range. By comparison, the lowest number 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?

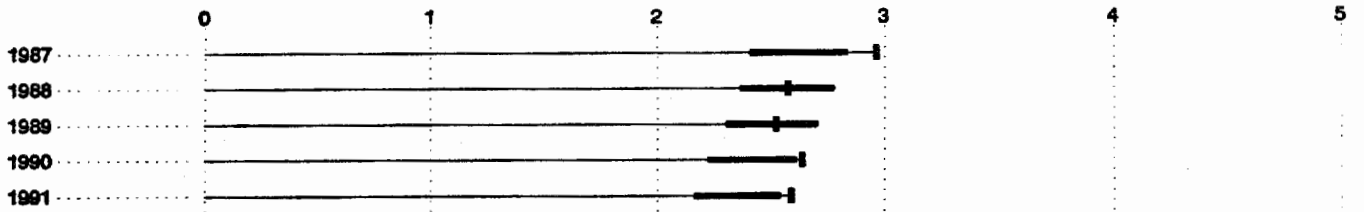
Most States show steadily improving fatality rates; a few do not. See pages 80-90.

2. How have fatality rates in a particular State compared with those in the rest of the United States over the past 5 years?

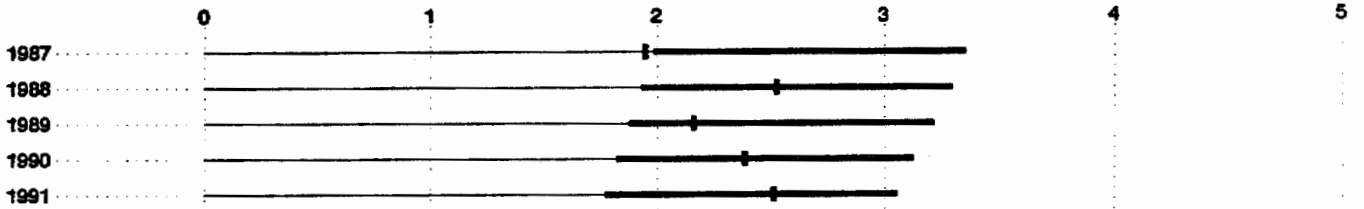
For any year in a selected State, a fatality rate to the left of the provisional range indicates that the State fatality rate is significantly below the 1987-1991 national experience for States with similar travel density. A fatality rate to the right of the provisional range is significantly above such national experience. See pages 80-90.

FATALITIES PER 100 MILLION VEHICLE MILES

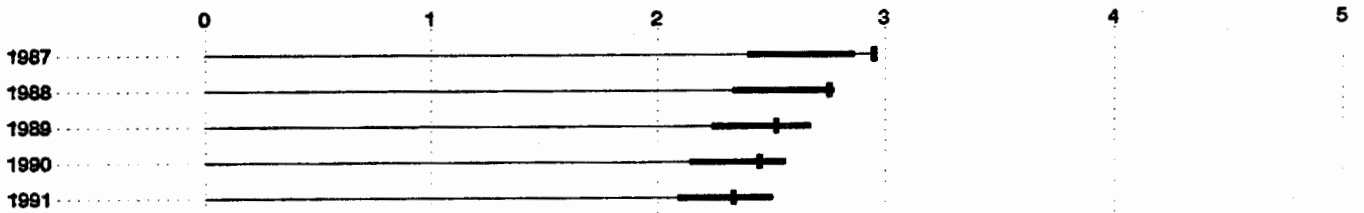
Alabama



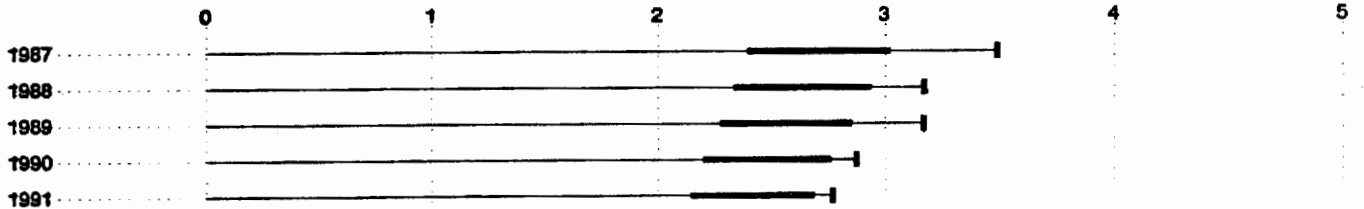
Alaska



Arizona



Arkansas



California

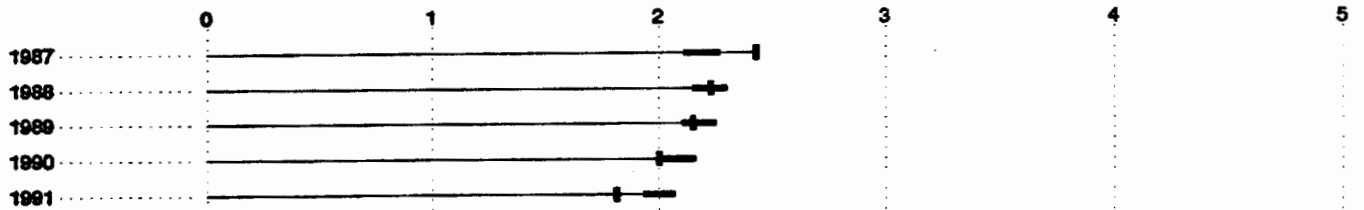
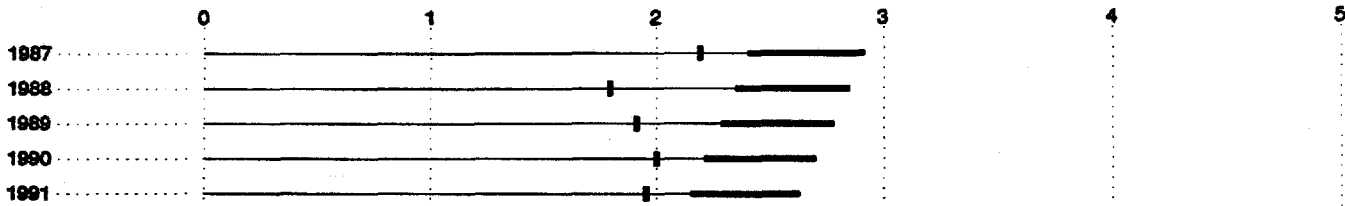


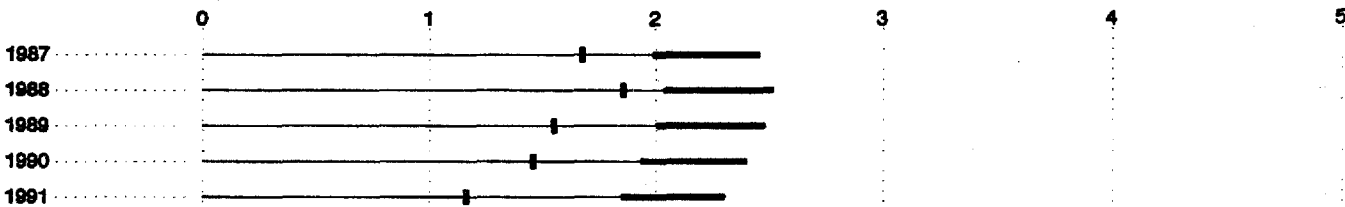
Figure 8 STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

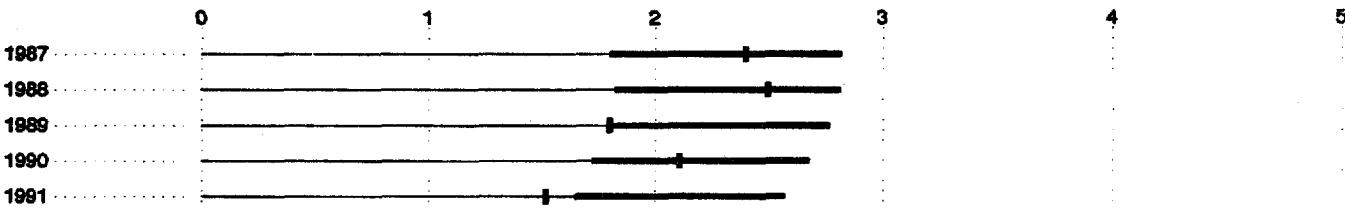
Colorado



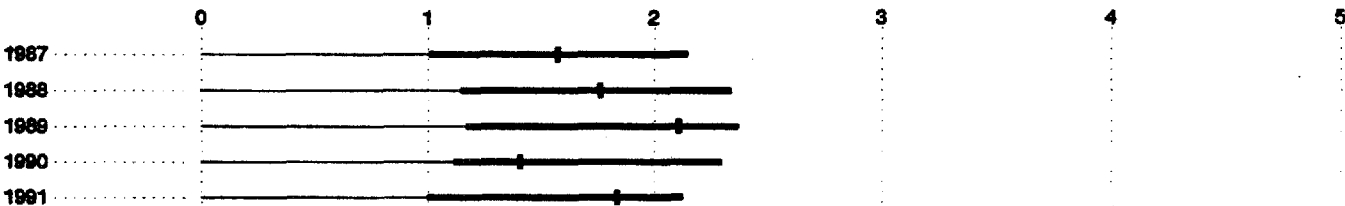
Connecticut



Delaware



District of Columbia



Florida

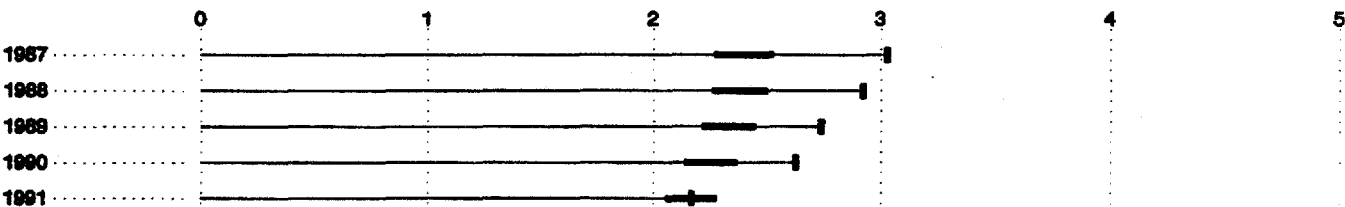
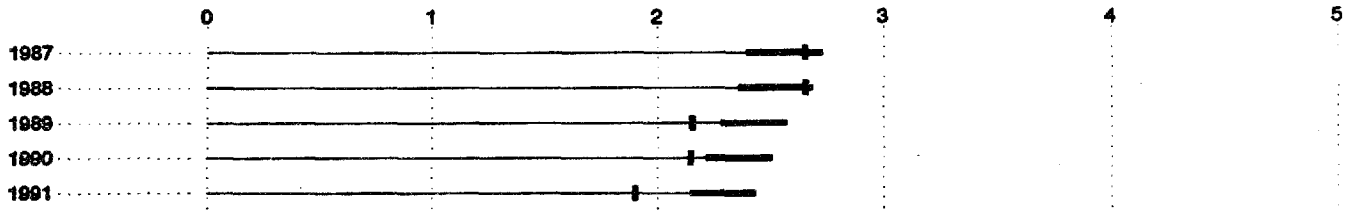


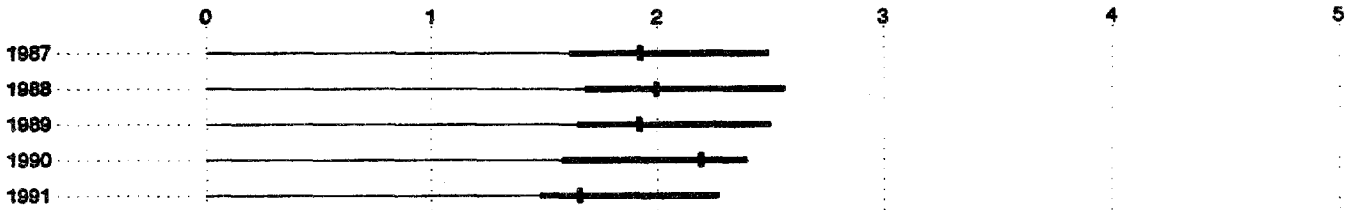
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

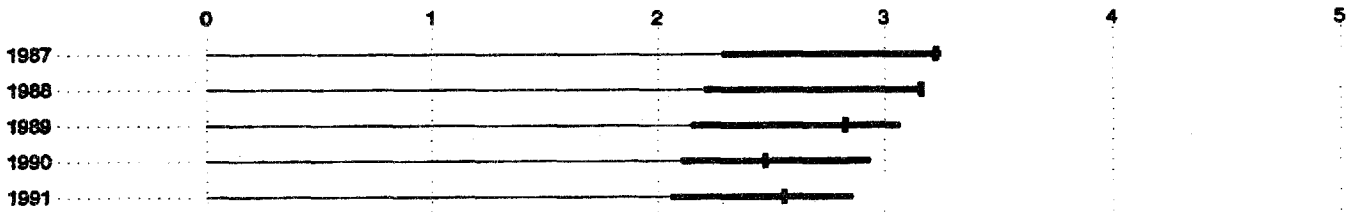
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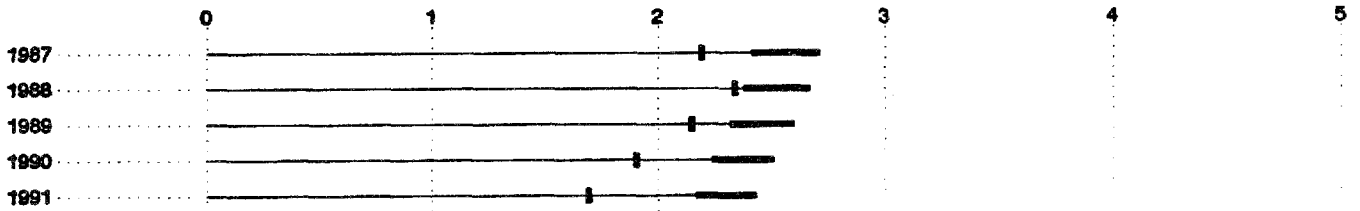
Hawaii



Idaho



Illinois



Indiana

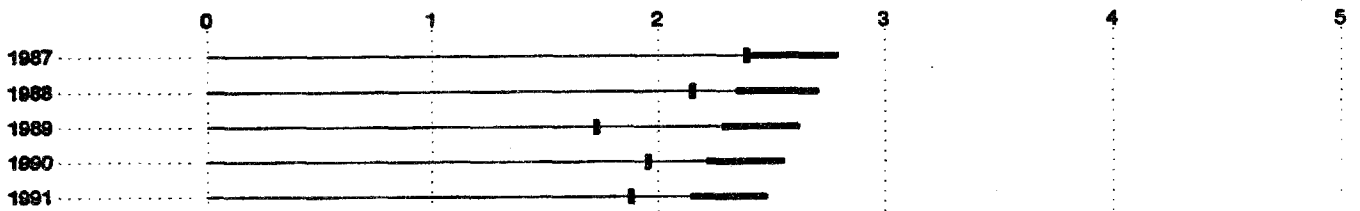
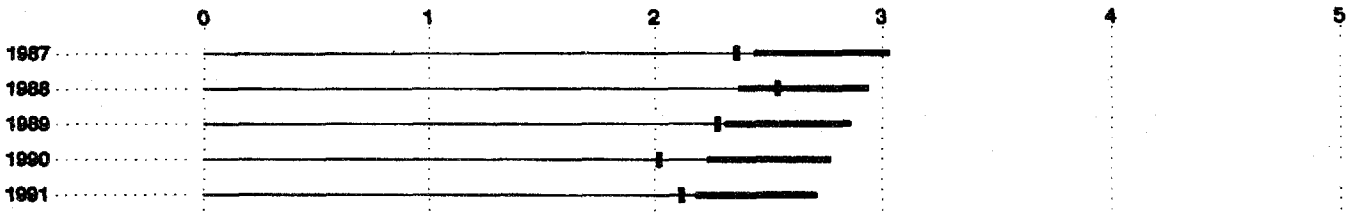


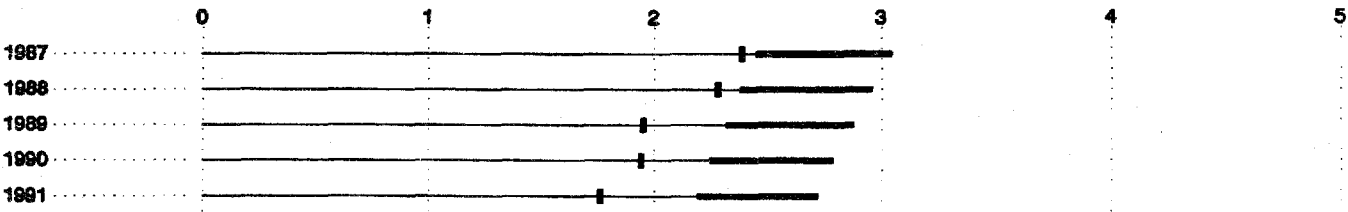
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

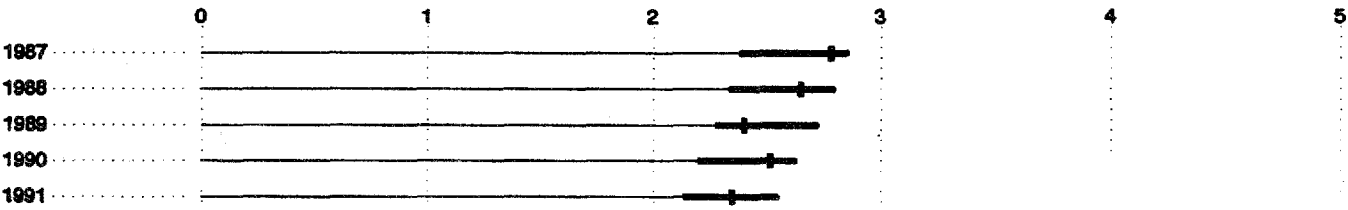
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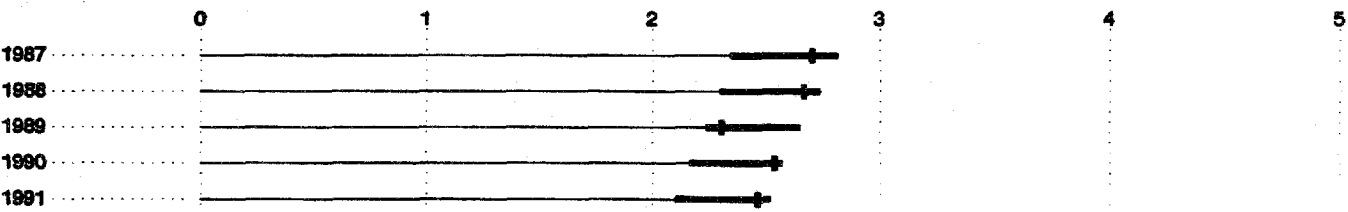
Kansas



Kentucky



Louisiana



Maine

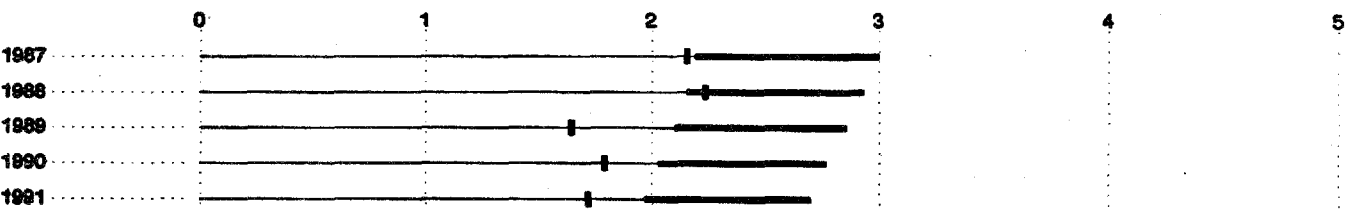
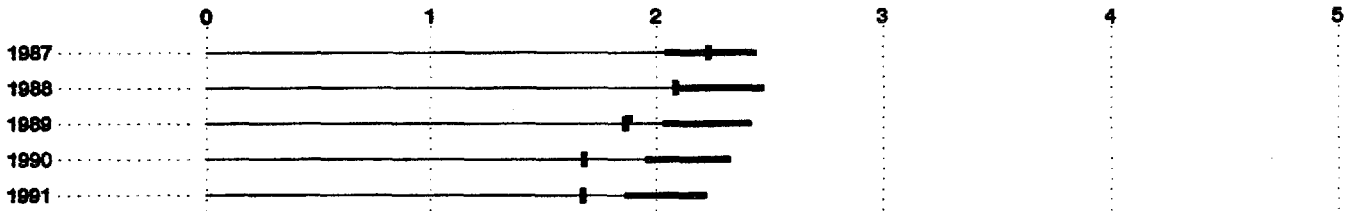


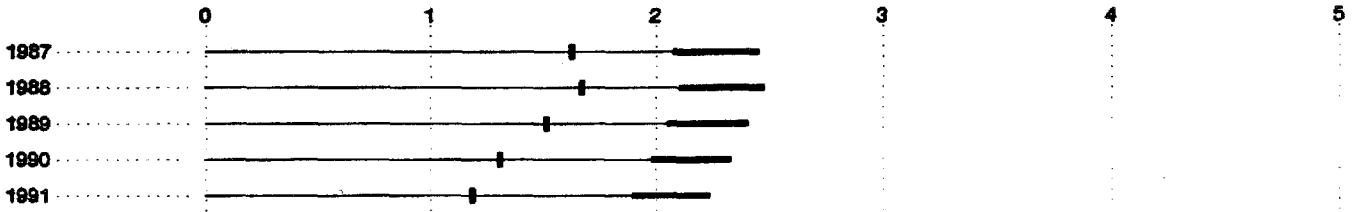
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

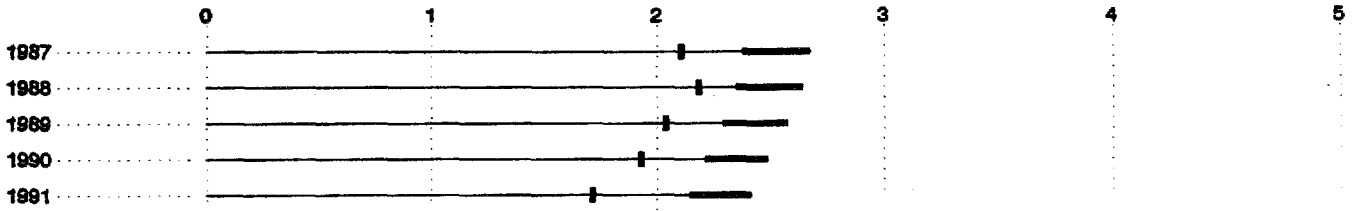
Maryland



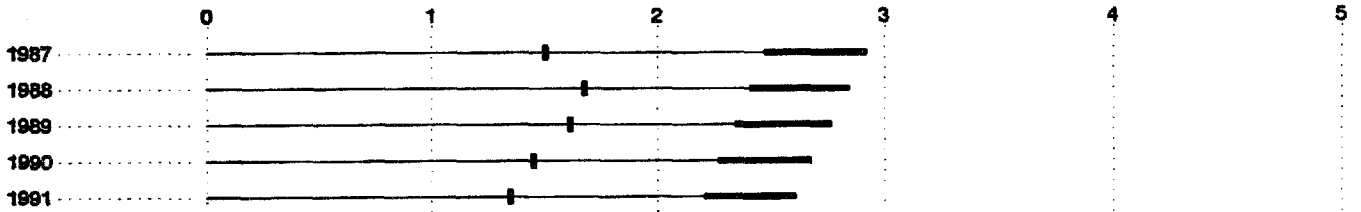
Massachusetts



Michigan



Minnesota



Mississippi

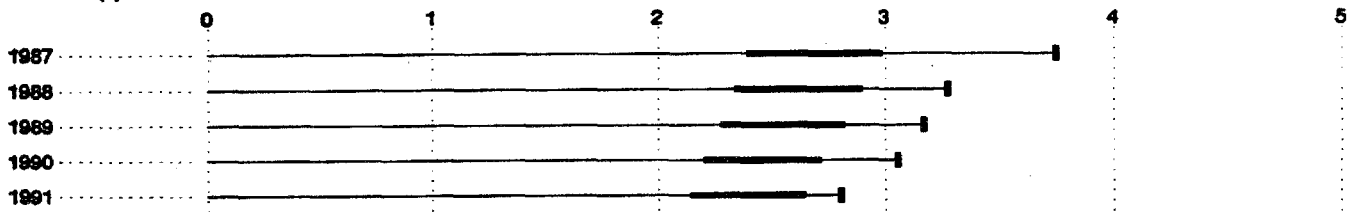
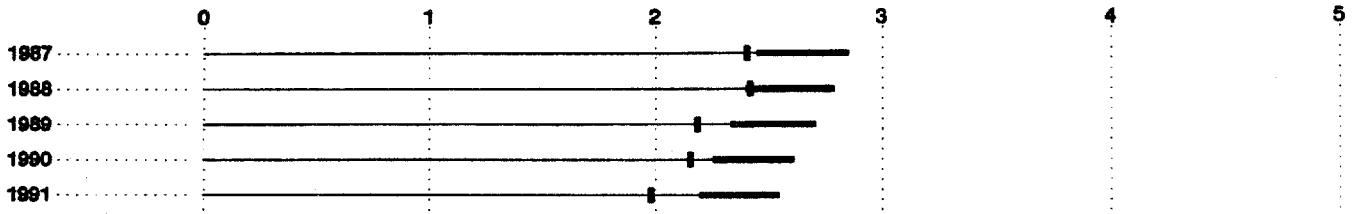


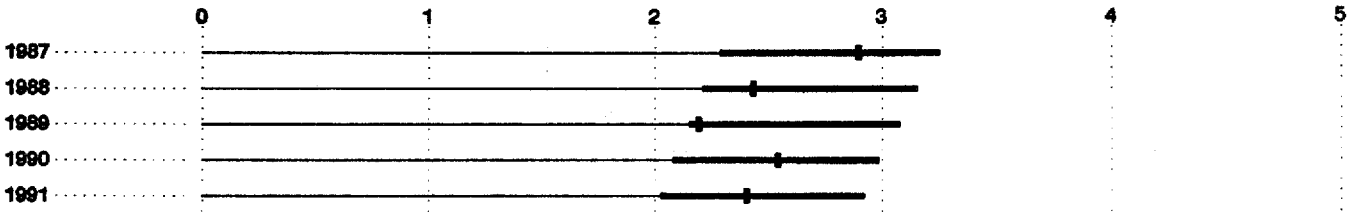
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

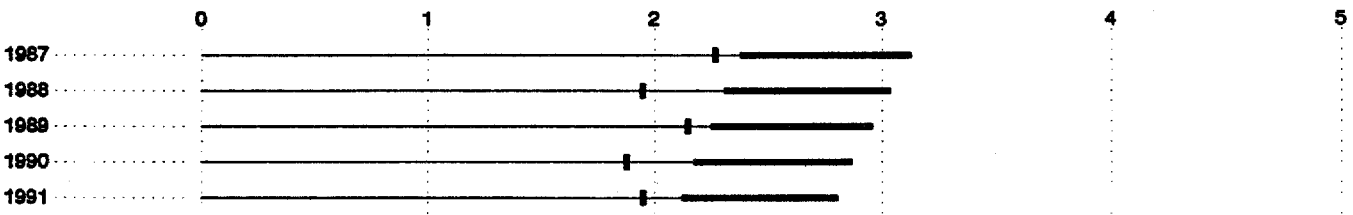
Missouri



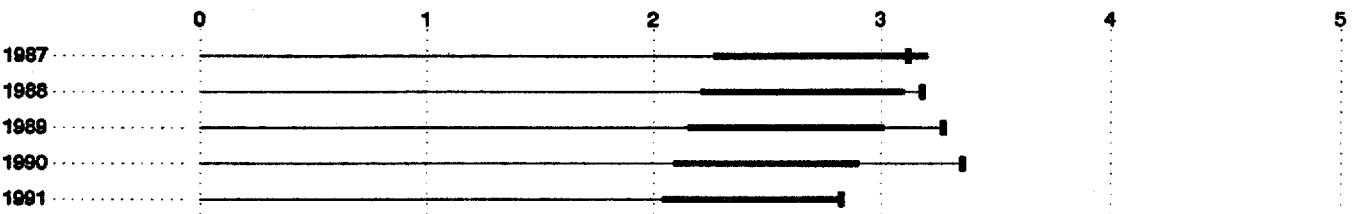
Montana



Nebraska



Nevada



New Hampshire

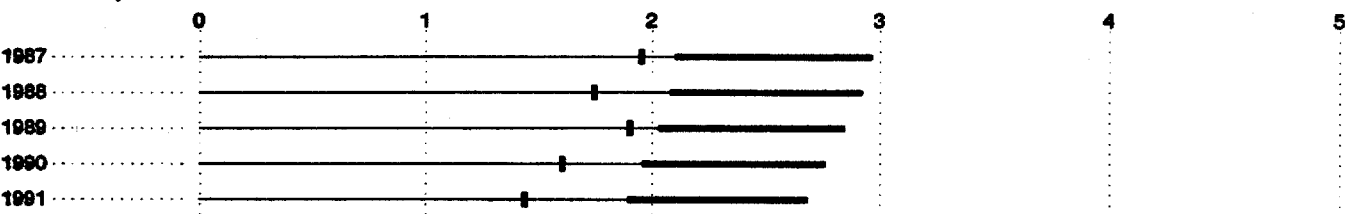
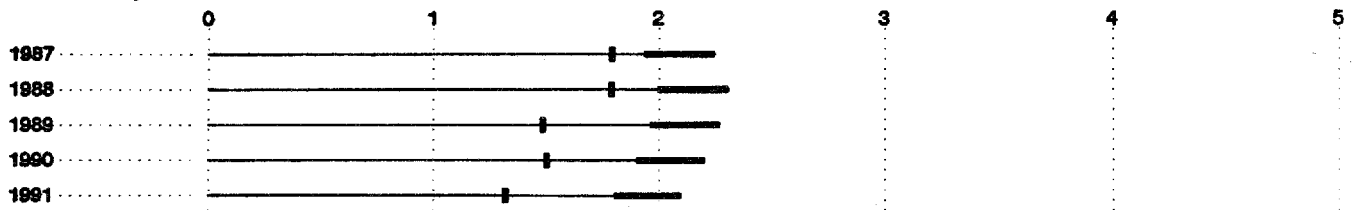


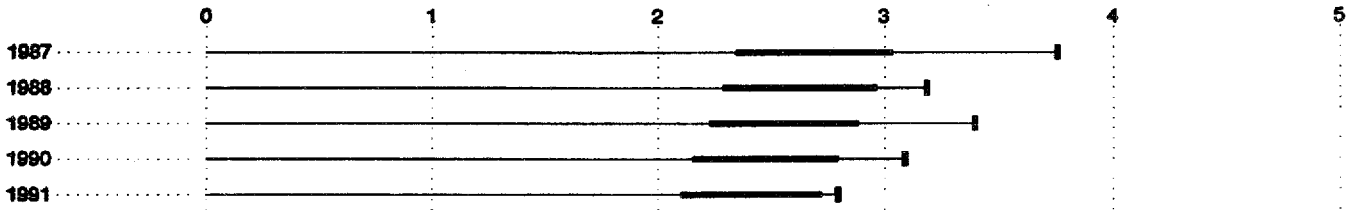
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

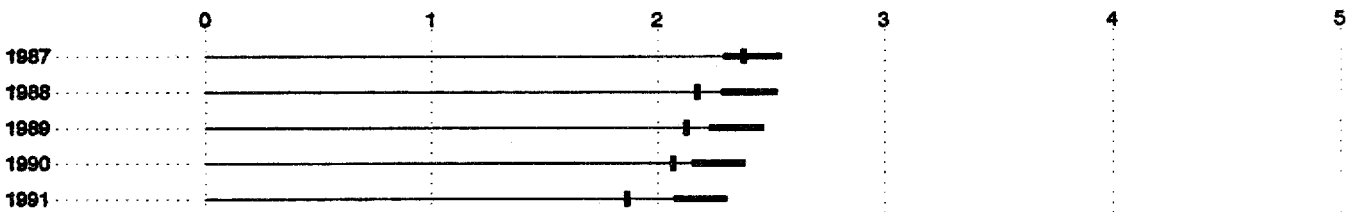
New Jersey



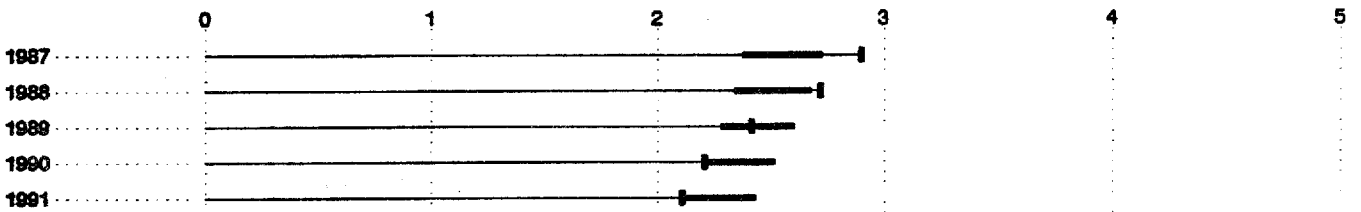
New Mexico



New York



North Carolina



North Dakota

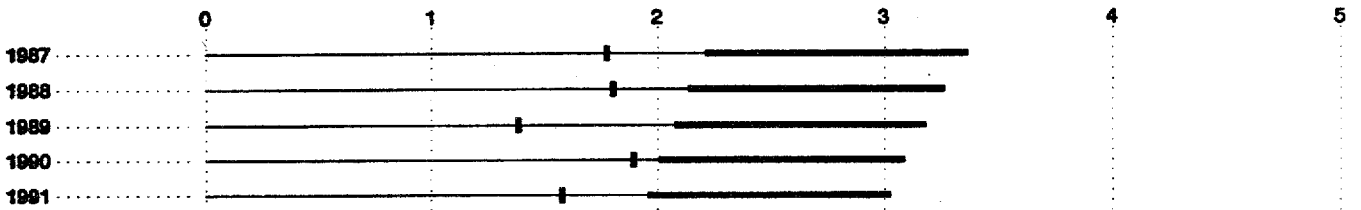
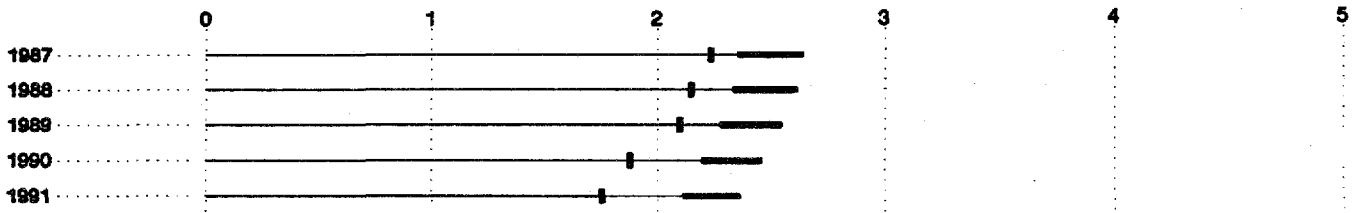


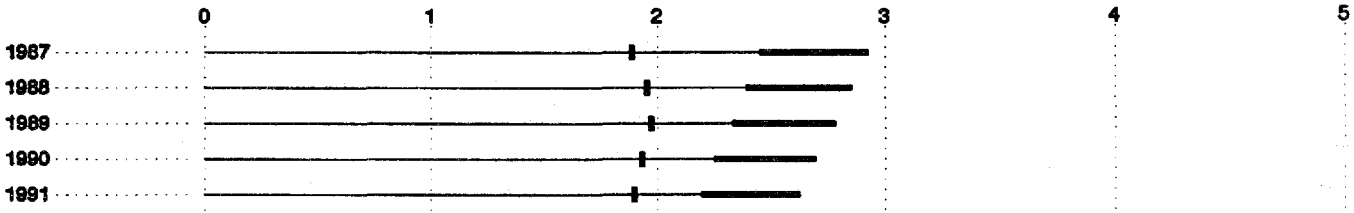
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

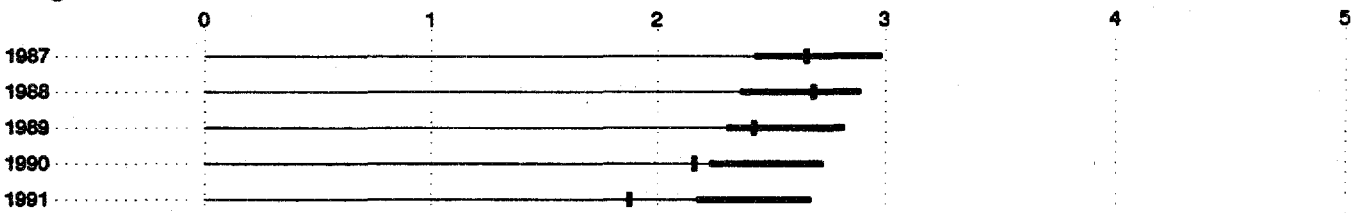
Ohio



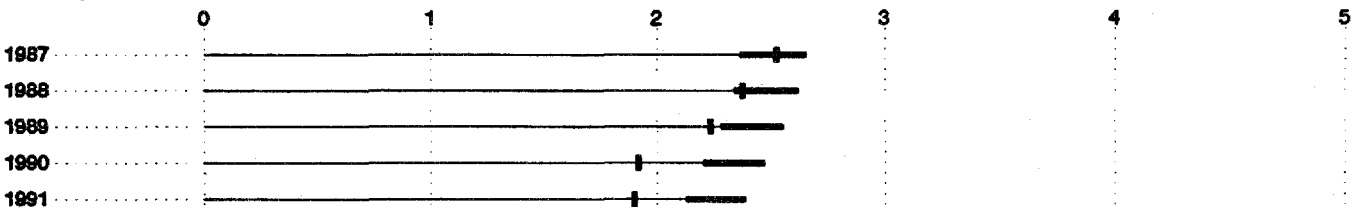
Oklahoma



Oregon



Pennsylvania



Rhode Island

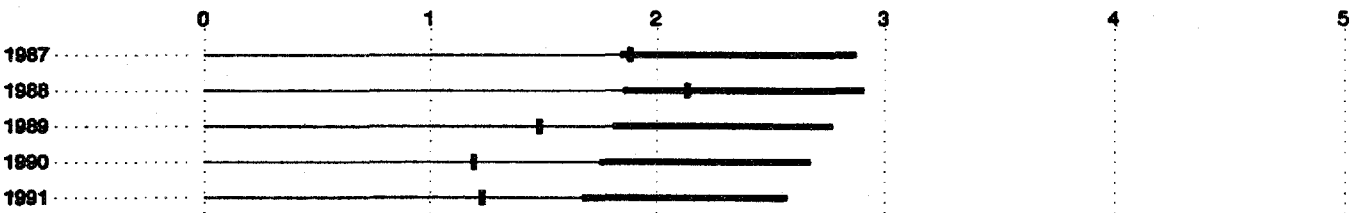
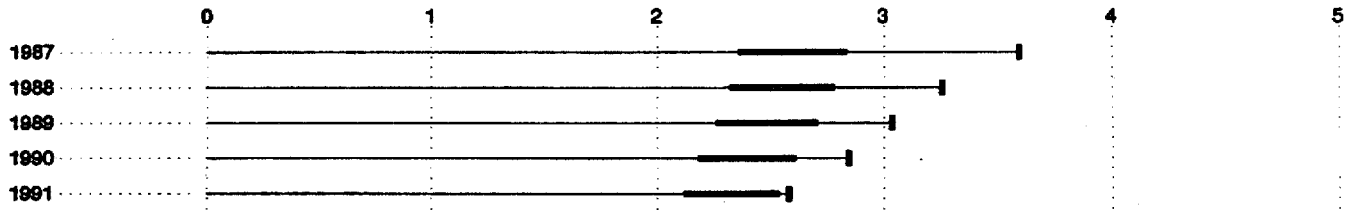


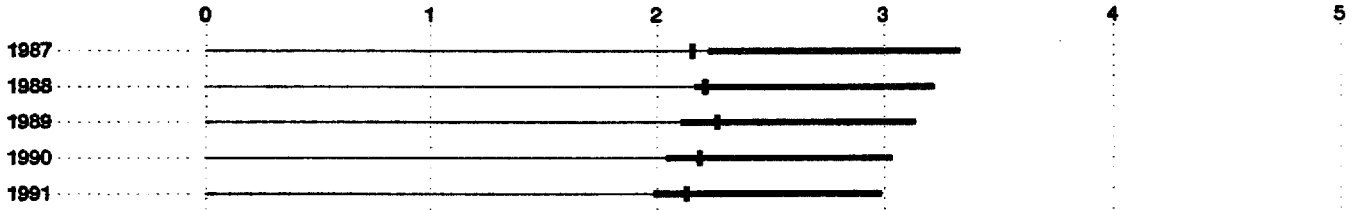
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

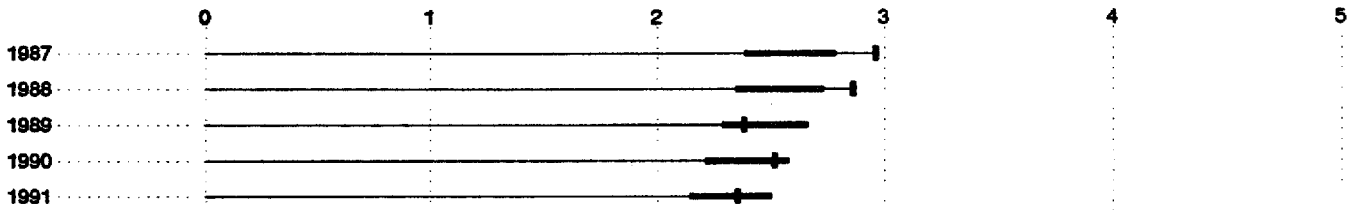
South Carolina



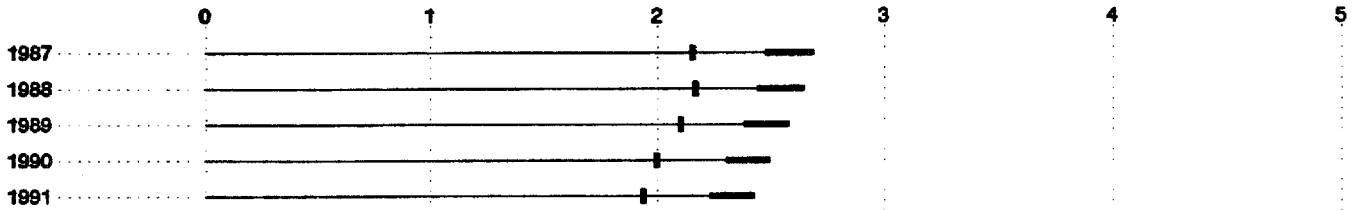
South Dakota



Tennessee



Texas



Utah

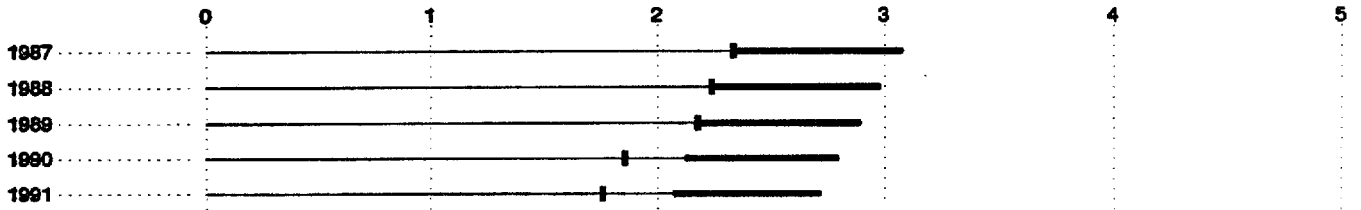
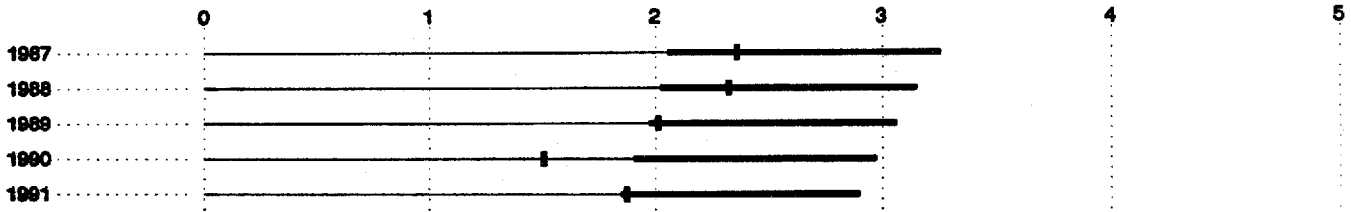


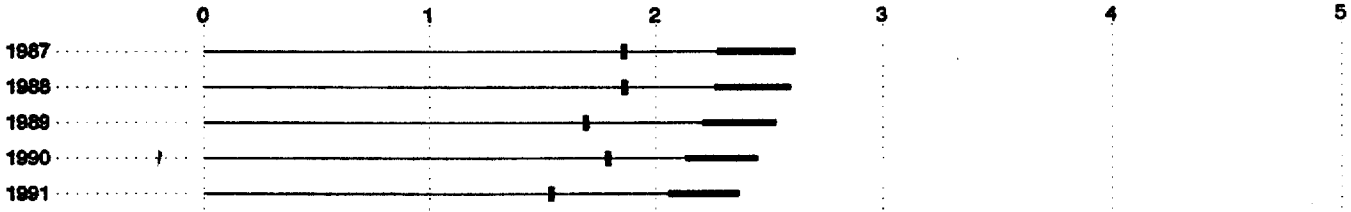
Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

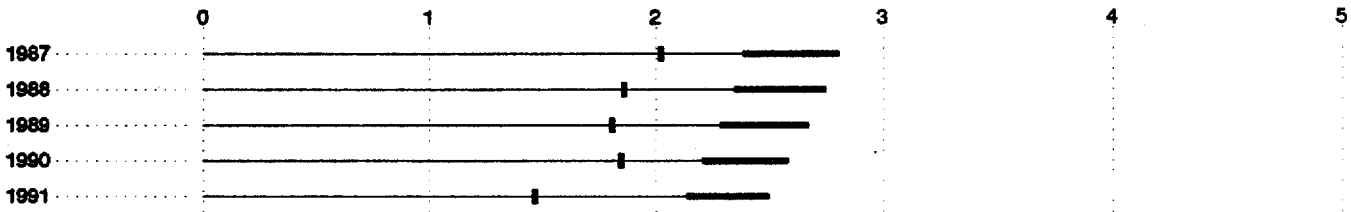
Vermont



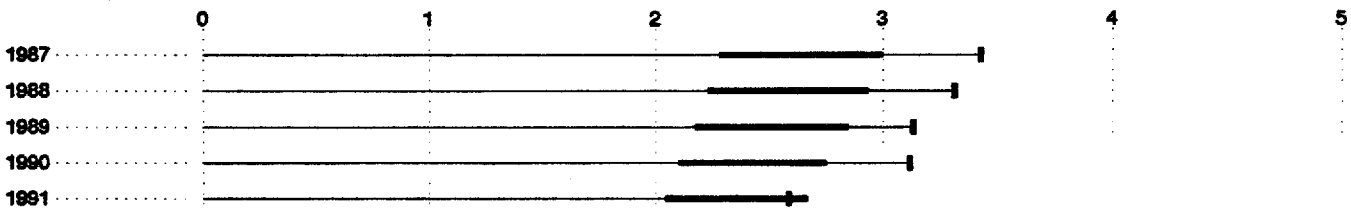
Virginia



Washington



West Virginia



Wisconsin

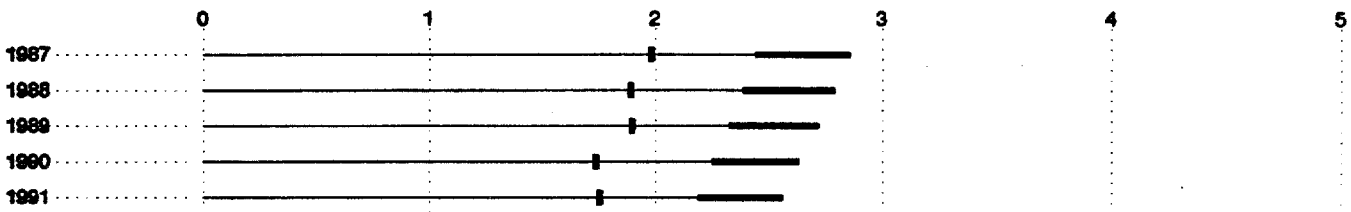


Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

FATALITIES PER 100 MILLION VEHICLE MILES

Wyoming

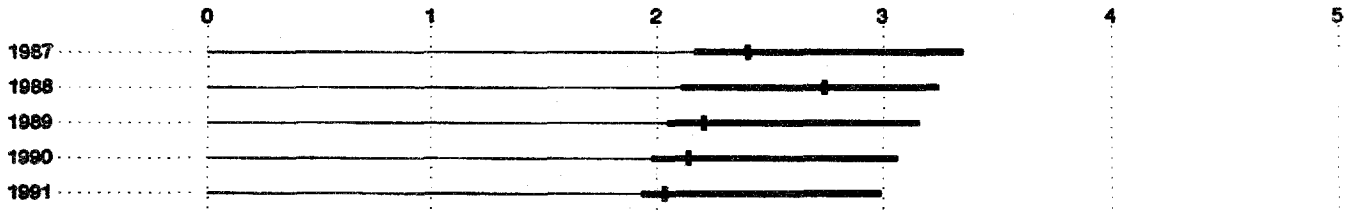


Figure 8 (continued) STATE FATALITY RATES (1987 - 1991)

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 FHWA.

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.

The traffic accident statistics for 1991 show a decrease of about 3,000 fatalities from 1990. The overall fatality rate per 100 million vehicle miles of travel was 1.91, which was lower than the record low of 2.07 set in 1990.



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

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

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

Provisional Rates:

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









