



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

Highway Safety Performance- 1988

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

June 1990

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)

FOREWORD

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

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

This is the seventh report to Congress under Section 207. The reports contain an extension of a series of statistical data published annually since 1967 by the Federal Highway Administration (FHWA) as "Fatal and Injury Accident Rates on Federal-Aid and Other Highway Systems," until 1982 when it assumed its present title. The series has been a cooperative effort of the FHWA's Offices of Traffic Operations, Highway Safety, and Highway Information Management. The Office of Highway Information Management is the former Office of Highway Planning, Highway Statistics Division. The States have provided the data for this series through the Highway Performance Monitoring System (HPMS), and its predecessors, administered by the Office of Highway Information Management. Data from the Fatal Accident Reporting System (FARS) administered by the National Highway Traffic Safety Administration (NHTSA) have been used to verify the HPMS data.

SUMMARY

This report presents data which can be used in the evaluation of the highway safety performance of the States. The data were submitted by the States through the Highway Performance Monitoring System operated by the Federal Highway Administration. The traffic accident statistics for 1988 show an increase of about 700 fatalities over 1987. A disproportionate share of these fatalities occurred on non-Federal-Aid collector and local highways. The overall fatality rate per 100 million vehicle miles of travel was 2.32, which was lower than the record low of 2.41 set in 1987.

HIGHWAY SAFETY PERFORMANCE - 1988

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

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HIGHWAY SAFETY PERFORMANCE - 1988

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 that deviations from the standard definitions are not unusual. Most of the deviations are relatively minor, but some are not. Users of accident statistics should be constantly alert to the fact that statistical differences may reflect differences in terminology rather than differences in accident experience.

Terms used in this report are defined as follows:

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

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

A fatal injury is any injury that results in death.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Another difference in the reporting of fatalities which result from motor vehicle accidents is the treatment of deaths resulting from nontraffic accidents. Examples of motor vehicle nontraffic accidents are those which occur in the driveways of private homes or in other locations outside the rights-of-way or other boundaries of roads which are open for public use. Annual motor vehicle fatality figures for the United States reported by NCHS and the National Safety Council (NSC) generally include about 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 1988

The traffic accident statistics for 1988 show an increase of about 700 fatalities over 1987. A disproportionate share of these fatalities occurred on non-Federal-Aid collector and local highways. The overall fatality rate per 100 million vehicle miles of travel was 2.32, which was lower than the record low of 2.41 set in 1987.

Table 1 contains travel and accident data by highway system for the United States. It is a summary of the detailed data contained in Tables 2 through 6. Estimates have been included where data reported by the States were incomplete. Only one State, Tennessee, was unable to submit any nonfatal injury accident data in time for inclusion in this report. South Dakota, South Carolina and North Carolina were unable to submit nonfatal accident data for each highway system in time for publication.

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, including pedestrian data, by State. Pedestrian fatality rates remain virtually unchanged at 0.35 (per 100 million vehicle miles) over a 3-year period. The pedestrian injury rate declined by about 4 percent from 1985. The data are presented in greater detail in Tables 3 through 6. The number of pedestrians injured, fatally or nonfatally, are reported for each State together with pedestrian injury rates.

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TABLE 1. U.S. VEHICLE MILE RATES BY HIGHWAY SYSTEM - 1988

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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/
2 → INTERSTATE (ARTERIAL)											
RURAL	33,303	181,284	14,873	2,393	1.32	45,448	25.07	2,826	1.56	74,378	41.03
URBAN	11,326	258,662	62,399	2,113	0.82	116,725	45.13	2,301	0.89	178,966	69.19
TOTAL	44,629	439,946	26,934	4,506	1.02	162,173	36.86	5,127	1.17	283,344	57.59
5 → OTHER FEDERAL-AID											
PRIMARY (ARTERIAL)											
RURAL	225,724	308,438	3,733	9,166	2.97	214,162	69.43	10,748	3.48	362,297	117.46
URBAN	33,343	272,160	22,302	3,959	1.45	292,052	107.31	4,252	1.56	466,202	171.30
TOTAL	259,067	580,598	6,123	13,125	2.26	506,214	87.19	15,000	2.58	828,499	142.70
FEDERAL-AID URBAN											
ARTERIAL	91,826	370,152	11,014	6,932	1.87	582,250	157.30	7,496	2.03	888,367	240.00
COLLECTOR	55,210	74,509	3,687	1,139	1.53	111,532	149.69	1,230	1.65	164,187	220.36
TOTAL (ALL URBAN)	147,036	444,661	8,263	8,071	1.82	693,782	156.03	8,726	1.96	1,052,554	236.71
FEDERAL-AID SECONDARY (COLLECTOR) TOTAL (ALL RURAL)	400,081	175,429	1,198	6,029	3.44	167,218	95.32	6,771	3.86	264,775	150.93
NON-FEDERAL-AID											
ARTERIAL											
RURAL	2,510	3,598	3,917	263	7.31	12,735	353.94	295	8.20	21,807	606.07
URBAN	8,269	25,718	8,498	254	0.99	20,538	79.86	299	1.16	32,128	124.92
TOTAL	10,779	29,316	7,431	517	1.76	33,273	113.50	594	2.03	53,935	183.98
NON-FEDERAL-AID COLLECTOR											
RURAL	330,258	55,063	456	1,992	3.62	71,693	130.20	2,214	4.02	107,667	195.53
URBAN	22,360	24,742	3,023	289	1.17	18,974	76.69	313	1.27	28,506	115.21
TOTAL	352,618	79,805	618	2,281	2.86	90,667	113.61	2,527	3.17	136,173	170.63
NON-FEDERAL-AID LOCAL											
RURAL	2,139,793	93,745	120	4,433	4.73	198,408	211.65	4,839	5.16	294,526	314.18
URBAN	517,140	182,085	962	3,157	1.73	450,764	247.56	3,509	1.93	657,193	360.93
TOTAL	2,656,933	275,830	284	7,590	2.75	649,172	235.35	8,348	3.03	951,719	345.04
4 → ALL FEDERAL-AID											
RURAL	659,108	665,151	2,757	17,588	2.64	426,828	64.17	20,345	3.06	701,450	105.46
URBAN	191,705	975,483	13,903	14,143	1.45	1,102,559	113.03	15,279	1.57	1,697,722	174.04
TOTAL	850,813	1,640,634	5,269	31,731	1.93	1,529,387	93.22	35,624	2.17	2,399,172	146.23
7 → ALL NON-FEDERAL-AID											
RURAL	2,472,561	152,406	168	6,688	4.39	282,836	185.58	7,348	4.82	424,000	278.20
URBAN	547,769	232,545	1,160	3,700	1.59	430,276	210.83	4,121	1.77	717,827	308.68
TOTAL	3,020,330	384,951	348	10,388	2.70	773,112	200.83	11,469	2.98	1,141,827	296.62
3 → NON-INTERSTATE											
RURAL	3,098,366	636,273	561	21,883	3.44	664,216	104.30	24,867	3.91	1,051,072	165.70
URBAN	728,148	949,366	3,562	15,730	1.66	1,476,110	155.49	17,099	1.80	2,236,583	235.59
TOTAL	3,826,514	1,585,639	1,132	37,613	2.37	2,140,326	134.98	41,966	2.65	3,287,655	207.34
1 → TOTAL											
RURAL	3,131,669	817,557	713	24,276	2.97	709,664	86.80	27,693	3.39	1,125,450	137.66
URBAN	739,474	1,208,028	4,463	17,843	1.48	1,592,835	131.85	19,400	1.61	2,415,549	199.96
TOTAL	3,871,143	2,025,585	1,430	42,119	2.08	2,302,499	113.67	47,093	2.32	3,540,999	174.81

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

2/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1988. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1989 AND VEHICLE MILES

OF TRAVEL ARE FROM THE HPMS AREAWIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1989. FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR MAJOR HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-AID SYSTEM DATA WERE NOT REPORTED.

3/ RATES ARE PER 100 MILLION VEHICLE MILES.
 4/ TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE ESTIMATED BY FHWA FOR TENNESSEE, SOUTH CAROLINA, SOUTH DAKOTA, AND NORTH CAROLINA. PLEASE NOTE THAT TOTALS MAY NOT AGREE WITH U.S. TOTALS IN OTHER TABLES DUE TO COMPUTER ROUNDING.

TABLE 2. STATE ACCIDENT SUMMARY - 1988

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES		NONFATAL 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	90,418	39,684	921	2.32	29,993	75.58	1,023	2.58	44,081	111.08	117	0.29	980	2.47
ALASKA	12,189	3,841	86	2.24	3,500	91.12	97	2.53	5,215	135.77	21	0.55	155	4.04
ARIZONA	70,282	34,247	844	2.46	38,639	112.82	944	2.76	61,832	180.55	199	0.58	1,444	4.22
ARKANSAS	77,094	34,247	532	2.77	11,200	58.28	610	3.17	20,591	107.14	43	0.22	1,013	5.27
CALIFORNIA	162,562	241,575	4,873	2.02	235,491	97.48	5,390	2.23	356,945	147.76	1,041	0.43	16,745	6.93
COLORADO	77,149	27,665	450	1.63	25,620	92.61	497	1.80	38,795	140.23	44	0.16	982	3.55
CONNECTICUT	19,798	26,062	446	1.71	33,073	126.90	484	1.86	46,398	178.03	74	0.28	1,414	5.43
DELAWARE	5,387	6,404	143	2.23	5,748	89.76	160	2.50	9,026	140.94	26	0.41	199	3.11
DIST. OF COL.	1,102	3,405	55	1.62	9,236	271.25	60	1.76	13,390	391.48	25	0.73	1,150	33.77
FLORIDA	104,589	105,319	2,758	2.62	142,284	135.10	3,078	2.92	230,367	218.73	618	0.59	7,914	7.51
GEORGIA	107,388	62,262	1,487	2.39	63,372	101.78	1,653	2.65	97,073	155.91	224	0.36	2,482	3.99
HAWAII	4,081	7,419	128	1.73	8,709	117.39	148	1.99	12,236	164.93	30	0.40	742	10.00
IDaho	60,663	8,127	228	2.81	7,134	87.78	257	3.16	11,172	137.47	13	0.16	194	2.39
ILLINOIS	135,506	78,483	1,666	2.12	122,972	156.69	1,837	2.34	182,121	232.05	275	0.35	10,340	13.17
INDIANA	91,588	51,124	959	1.88	49,678	97.17	1,101	2.15	75,360	147.41	99	0.19	1,919	3.75
IOWA	112,488	21,907	494	2.25	19,123	87.29	557	2.54	27,577	125.88	34	0.16	795	3.63
KANSAS	132,965	21,161	406	1.92	21,461	101.42	483	2.28	32,067	151.54	29	0.14	1,167	5.51
KENTUCKY	69,848	31,614	717	2.27	34,164	108.07	838	2.65	52,158	164.98	73	0.23	1,476	4.67
LOUISIANA	58,422	34,682	822	2.37	39,244	113.15	925	2.67	76,925	221.80	118	0.34	1,482	4.27
MAINE	21,966	11,401	230	2.02	12,667	111.10	255	2.24	18,618	163.30	31	0.27	417	3.66
MARYLAND	28,233	37,498	711	1.90	51,416	137.12	782	2.09	84,928	226.49	145	0.39	3,334	8.89
MASSACHUSETTS	33,809	43,334	673	1.55	66,442	153.33	725	1.67	86,388	199.35	145	0.33	3,049	7.04
MICHIGAN	117,895	77,899	1,522	1.95	105,067	134.88	1,704	2.19	159,932	205.31	253	0.32	4,219	5.42
MINNESOTA	129,644	36,447	543	1.49	30,743	84.35	612	1.68	44,415	121.86	70	0.19	1,566	4.30
MISSISSIPPI	72,169	22,043	631	2.86	12,992	58.94	722	3.28	24,235	109.94	80	0.36	441	2.00
MISSOURI	119,888	45,570	978	2.15	44,431	97.50	1,103	2.42	69,173	151.79	98	0.22	2,258	4.96
MONTANA	71,471	8,138	183	2.25	5,495	67.52	198	2.43	8,232	101.15	16	0.20	185	2.27
NEBRASKA	92,495	13,407	234	1.75	14,892	111.08	261	1.95	22,214	165.69	21	0.16	612	4.56
NEVADA	44,833	8,989	256	2.85	10,167	113.10	286	3.18	15,496	172.39	47	0.52	960	10.68
NEW HAMPSHIRE	14,711	9,507	151	1.59	7,741	81.42	166	1.75	10,692	114.67	13	0.14	370	3.89
NEW JERSEY	34,197	58,671	966	1.65	96,193	163.95	1,051	1.79	151,569	258.34	240	0.41	6,818	11.62
NEW MEXICO	53,938	15,283	433	2.83	17,133	112.10	487	3.19	26,829	175.55	84	0.55	667	4.36
NEW YORK	110,613	103,692	2,063	1.99	196,719	189.71	2,255	2.17	288,780	278.50	573	0.55	22,135	21.35
NORTH CAROLINA	93,813	57,943	1,401	2.42	31,886	55.03	1,573	2.72	52,643	90.85	218	0.38	797	1.38
NORTH DAKOTA	85,311	5,765	92	1.60	3,417	59.27	104	1.80	4,618	83.67	10	0.17	100	1.73
OHIO	113,340	81,990	1,584	1.93	126,496	154.28	1,763	2.15	208,414	254.19	187	0.23	5,087	6.20
OKLAHOMA	111,403	32,388	557	1.72	20,134	62.16	634	1.96	31,532	97.36	69	0.21	642	1.88
OREGON	93,595	25,204	569	2.26	21,577	85.61	677	2.69	34,866	138.34	67	0.27	489	1.94
PENNSYLVANIA	116,084	81,238	1,770	2.18	100,241	123.39	1,931	2.38	154,018	189.59	258	0.32	7,053	8.68
RHODE ISLAND	5,846	5,853	118	2.02	8,532	145.77	125	2.14	10,845	185.29	22	0.38	233	3.98
SOUTH CAROLINA	63,702	31,759	910	2.87	31,065	97.81	1,034	3.26	50,713	159.68	118	0.37	1,146	3.53
SOUTH DAKOTA	73,420	6,634	127	1.91	4,455	67.15	147	2.22	6,579	99.17	14	0.21	149	2.25
TENNESSEE	83,638	44,193	1,116	2.53	2/	3/	1,266	2.86	2/	3/	115	0.26	2/	3/
TEXAS	300,444	156,458	3,002	1.92	152,004	97.15	3,393	2.17	238,845	152.66	461	0.29	5,502	3.52
UTAH	42,935	13,263	258	1.95	14,658	110.52	297	2.24	22,081	166.49	41	0.31	1,708	12.88
VERMONT	14,089	5,553	117	2.11	4,869	87.68	129	2.32	7,324	131.89	7	0.13	228	4.11
VIRGINIA	66,892	57,453	971	1.69	51,970	90.46	1,071	1.86	77,735	135.30	132	0.23	2,160	3.76
WASHINGTON	81,546	41,812	700	1.67	49,482	118.34	778	1.86	72,449	173.27	97	0.23	1,740	4.16
WEST VIRGINIA	34,573	13,884	405	2.92	18,440	132.81	460	3.31	28,357	204.24	49	0.35	675	4.86
WISCONSIN	109,629	42,458	704	1.66	40,769	96.02	807	1.89	58,929	138.79	71	0.17	2,191	5.16
WYOMING	40,502	5,658	129	2.28	3,348	59.17	155	2.74	5,158	91.16	5	0.09	98	1.73
SUM 4/	3,871,143	2,025,585	42,119	2.08	2,256,082	113.86	47,093	2.32	3,470,276	175.14	6,860	0.34	129,622	6.54
U.S. TOTAL 5/	3,871,143	2,025,585	42,119	2.08	2,302,499	113.67	47,093	2.32	3,540,999	174.81	6,860	0.34	131,122	6.47

1/ PER 100 MILLION VEHICLE MILES.
 2/ DATA NOT REPORTED BY STATE.
 3/ RATE CANNOT BE COMPUTED.
 4/ U.S. ESTIMATES ARE SHOWN ON PAGE 5. THE SUM REFLECTS THE TOTAL OF DATA SHOWN IN THIS TABLE. SEE FOOTNOTES. THE NONFATAL INJURY ACCIDENT, NONFATALLY INJURED PERSON, AND NONFATALLY INJURED PEDESTRIAN RATES ARE BASED

ON A TOTAL TRAVEL OF 1,981,392 MILLION VEHICLE MILES FOR STATES REPORTING THIS DATA.
 5/ ESTIMATES OF FATAL ACCIDENTS, FATALITIES AND FATAL INJURED PEDESTRIANS ARE BASED ON HPMS AND FARS DATA. ESTIMATES OF TRAVEL, INJURY ACCIDENTS, NONFATALLY INJURED PERSONS, AND NONFATALLY INJURED PEDESTRIANS WERE MADE BY FHWA.

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 2.32.

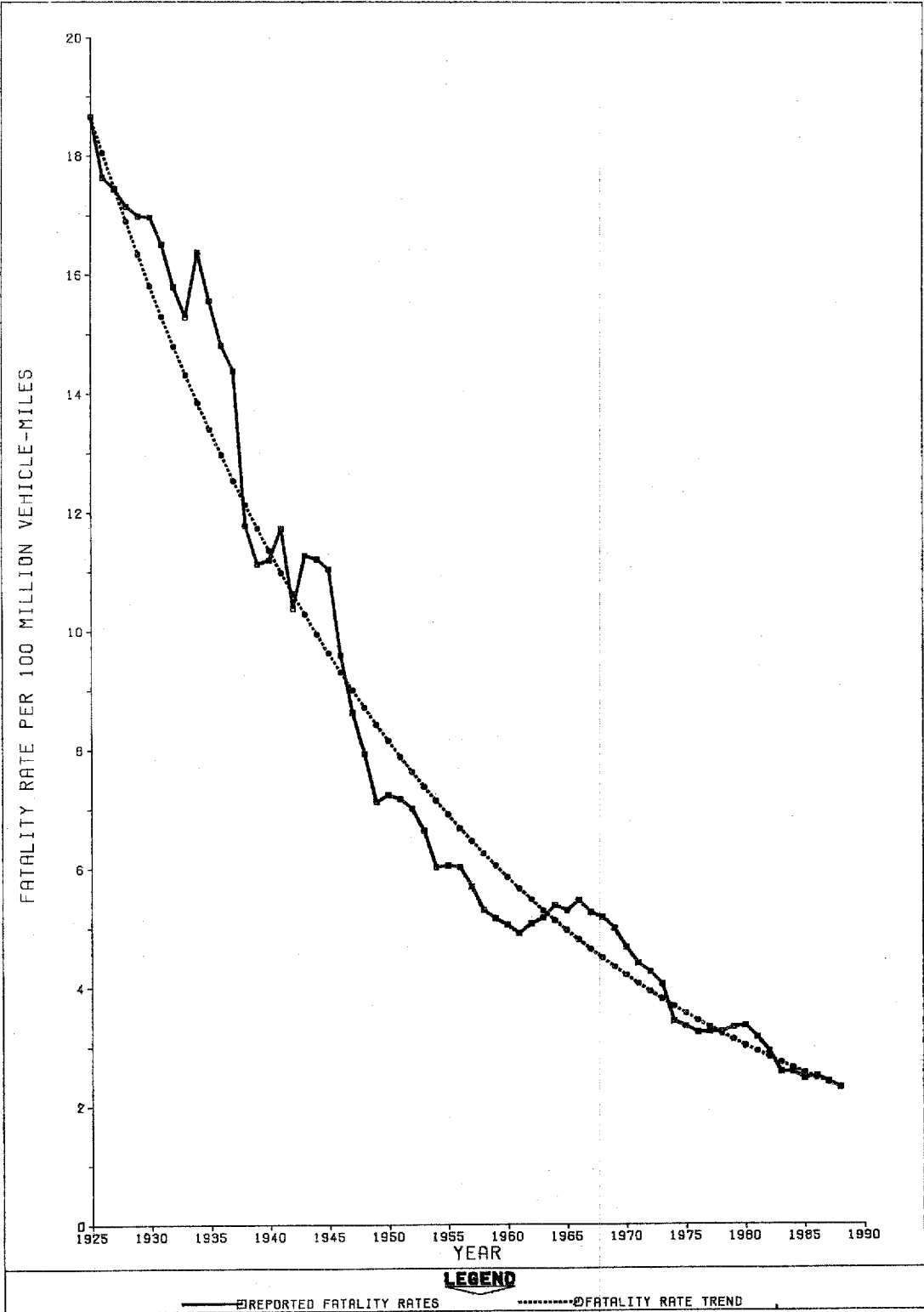
Figures 2 and 3 graphically illustrate national traffic fatality and injury rate trends from 1967 through 1988 for Interstate and other highway systems. Fatality rate trends were gradually downward for all systems through 1986. Although these trends were interrupted by relatively stable periods following 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 1988, roads off the Interstate system in urban areas reached an all time low fatality rate of 1.80. The rural Interstate fatality rate of 1.56 in 1988 is still below the most recent high of 1.79 in 1981. Rates for urban Interstate and rural roads off the Interstate system remained nearly constant. Trends for reported injury rates have also been generally downward during the 1967-1988 period.

Figures 4 and 5 illustrate national fatality and injury rate trends from 1978 through 1988 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 stability which is apparent in Figures 2 and 3.

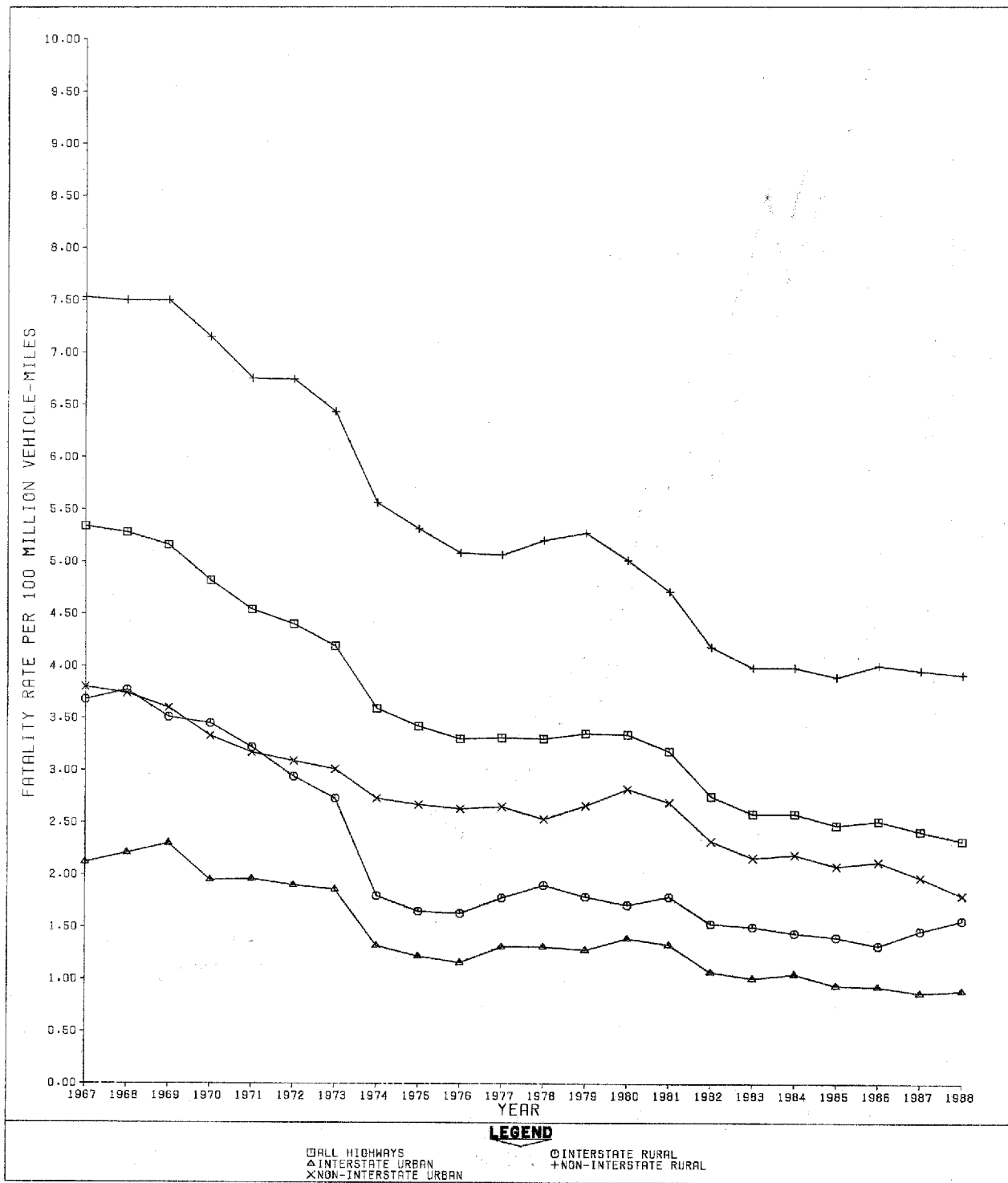
There are decreases in fatality rates for urban highways, both Federal-Aid and non-Federal-Aid, Federal-Aid Secondary and non-Federal-Aid rural. Also in Figure 4, a 2-year increase is seen for Interstate rural and a slightly smaller increase in 1988 for urban Other Federal-Aid Primary roads.

In 1988, forty States had raised their speed limit on certain rural Interstate roads from 55 mph to 65 mph as allowed by the Surface Transportation and Uniform Relocation Assistance Act of 1987, enacted April 2, 1987. The National Highway Traffic Safety Administration reported in October, 1989 in an evaluation of the effects of the higher speed limit that about one-third of the fatality increase on rural Interstates is attributed to greater vehicle miles of travel, and the remainder of the increase is attributed to other factors including greater speed.

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



**FIGURE 1. U.S. MOTOR VEHICLE TRAFFIC FATALITY RATES
(1925 - 1988)**



**FIGURE 2. U.S. FATALITY RATES
FOR INTERSTATE AND OTHER
HIGHWAY SYSTEMS (1967 - 1988)**

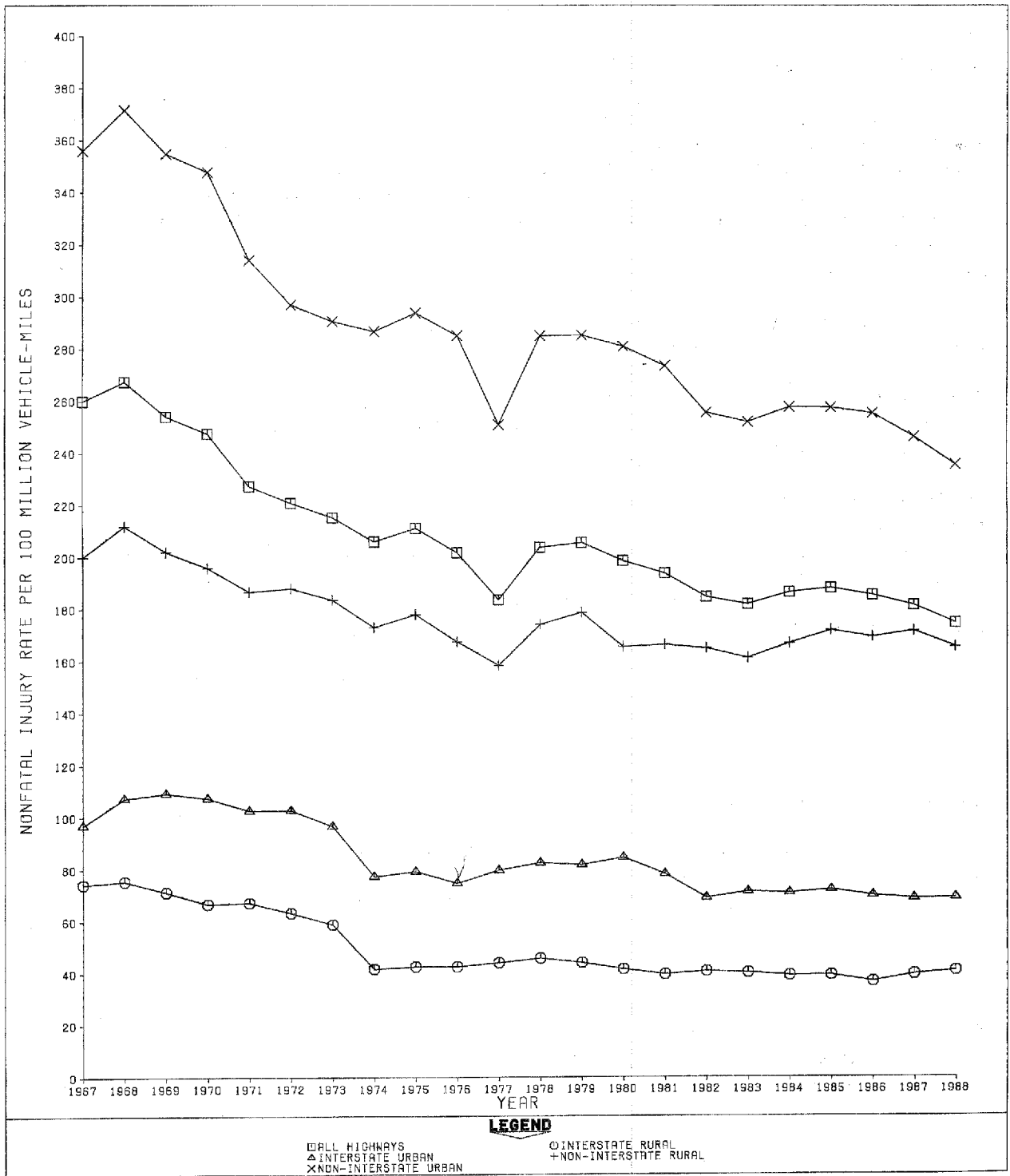


FIGURE 3. U.S. NONFATAL INJURY RATES FOR INTERSTATE AND OTHER HIGHWAY SYSTEMS (1967 - 1988)

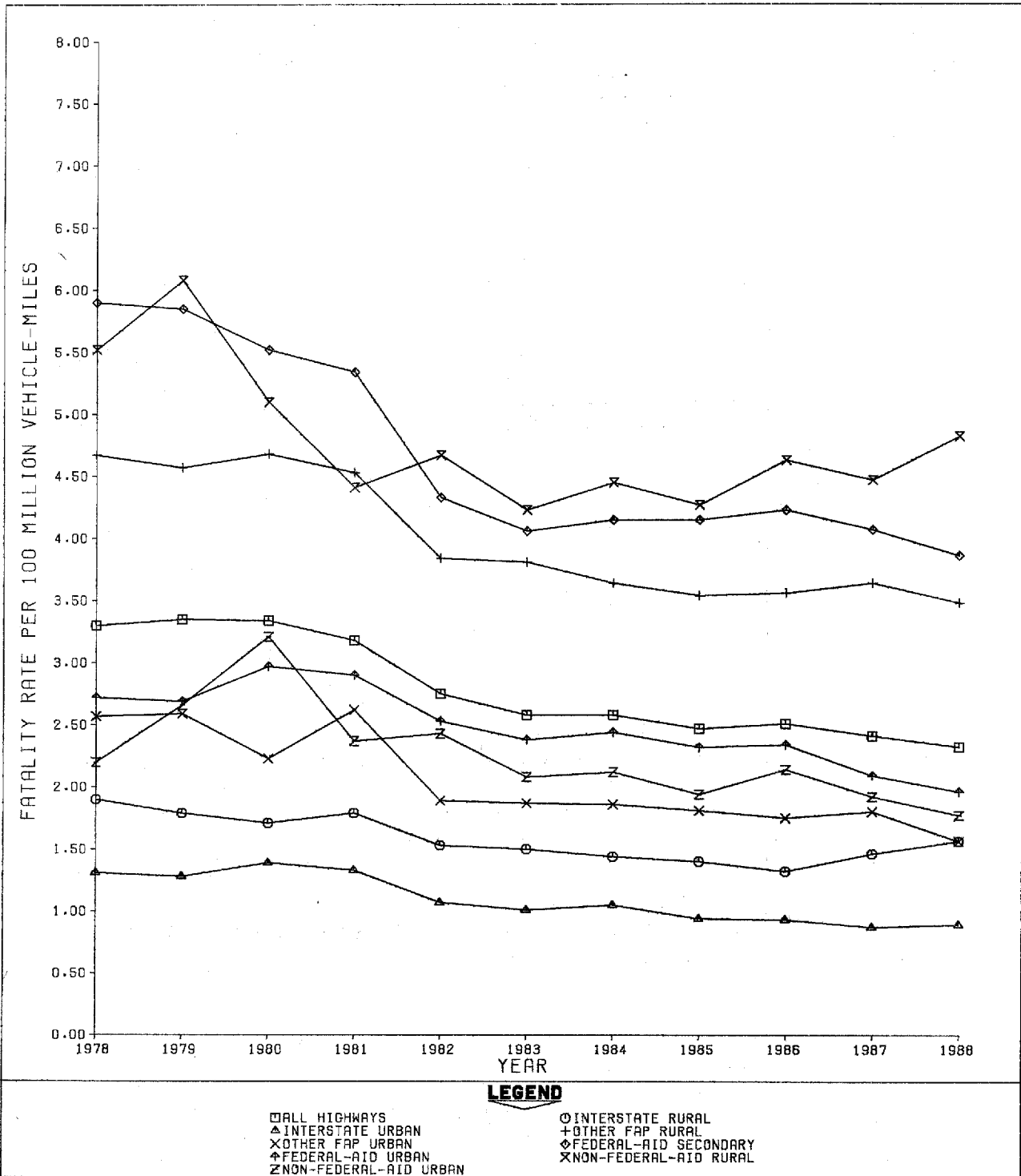


FIGURE 4. U.S. FATALITY RATES BY HIGHWAY SYSTEM (1978 - 1988)

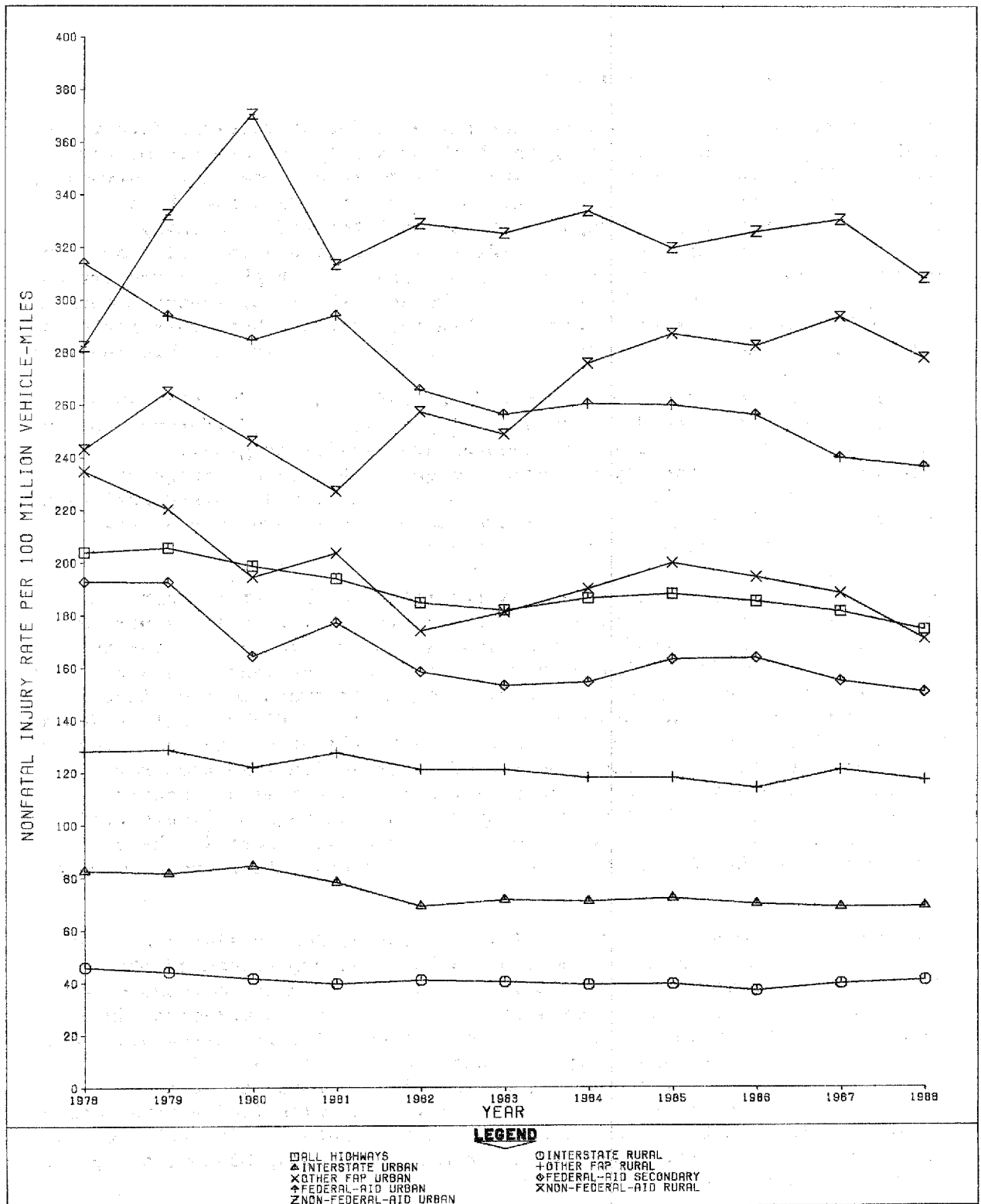


FIGURE 5. U.S. NONFATAL INJURY RATES BY HIGHWAY SYSTEM (1978 - 1988)

E. Comparison of State Statistics

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

Because all States report accident and related data to FHWA through a single system, reported data are generally consistent. 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.

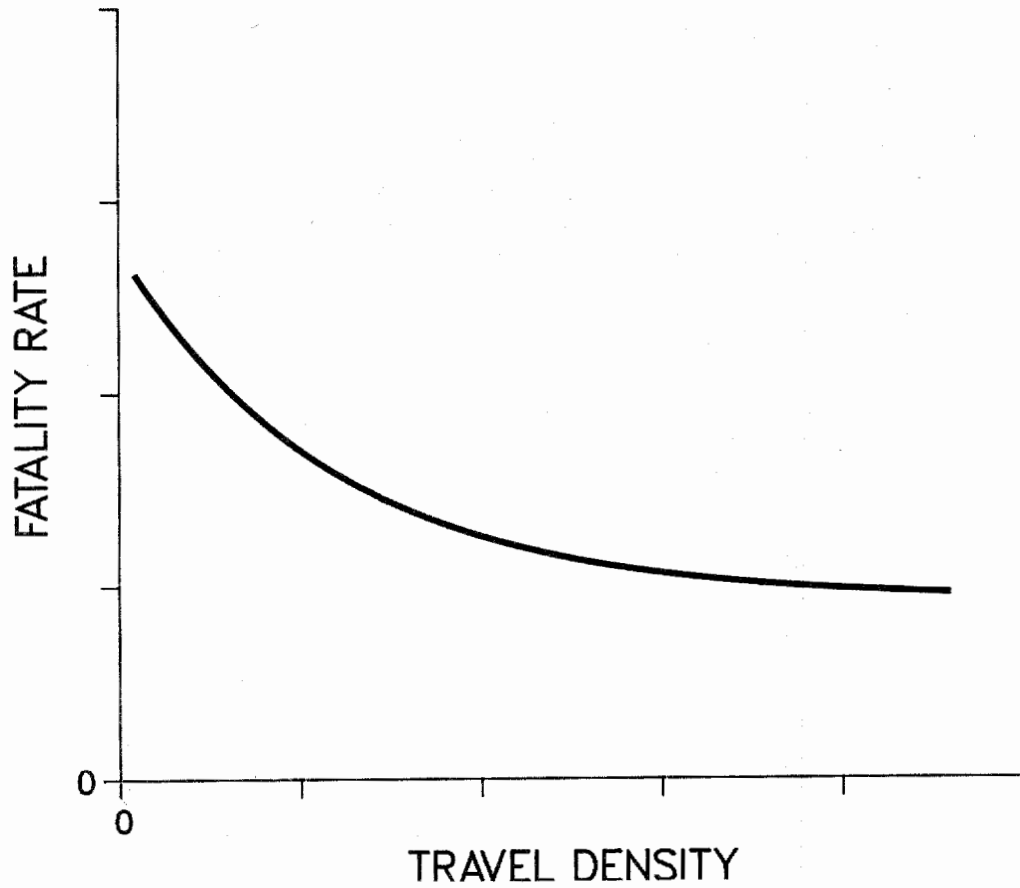


Figure 6. RELATIONSHIP BETWEEN FATALITY RATES AND TRAVEL DENSITY

SECTION II--VEHICLE MILEAGE RATES

The most commonly used measures of highway safety are fatality rates based on vehicle mileage. Such rates have been published and widely publicized for 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 - 1988
FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	625	3,951	17.272	57	1.44	ALABAMA	258	3,321	35.170	35	1.05
ALASKA	1,039	655	1.722	20	3.05	ALASKA	50	384	20.984	3	0.78
ARIZONA	1,039	4,449	11.699	116	2.61	ARIZONA	123	2,191	48.669	20	0.91
ARKANSAS	419	2,425	15.813	31	1.28	ARKANSAS	123	1,522	33.809	17	1.12
CALIFORNIA	1,412	12,530	24.246	231	1.84	CALIFORNIA	978	47,821	133,598	363	0.76
COLORADO	789	3,082	10.673	53	1.72	COLORADO	152	3,328	59,822	32	0.96
CONNECTICUT	109	1,369	34.316	6	0.44	CONNECTICUT	233	6,381	74,826	46	0.72
DELAWARE	-	-	-	-	-	DELAWARE	41	902	60,109	18	2.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	429	97,678	6	1.40
FLORIDA	993	7,836	21.561	160	2.04	FLORIDA	396	9,391	64,794	73	0.78
GEORGIA	884	7,954	24.584	69	0.87	GEORGIA	360	9,092	69,004	79	0.87
HAWAII	5	82	44,809	0	0.00	HAWAII	34	1,176	94,503	11	0.94
IDAHO	534	1,381	7,066	31	2.24	IDAHO	71	468	18,010	3	0.64
ILLINOIS	1,417	6,866	13,239	73	1.06	ILLINOIS	522	12,149	63,590	105	0.86
INDIANA	851	5,511	17,694	70	1.27	INDIANA	266	4,479	46,006	15	0.33
IOWA	650	3,119	13,111	29	0.93	IOWA	132	1,251	25,894	10	0.80
KANSAS	711	2,285	8,781	24	1.05	KANSAS	159	1,820	31,275	11	0.60
KENTUCKY	579	4,271	20,154	43	1.01	KENTUCKY	184	3,230	47,963	18	0.56
LOUISIANA	571	4,061	19,432	53	1.31	LOUISIANA	180	3,142	47,693	32	1.02
MAINE	313	1,602	13,984	19	1.19	MAINE	53	473	24,384	5	1.06
MARYLAND	169	2,571	41,566	22	0.86	MARYLAND	224	7,301	89,054	45	0.62
MASSACHUSETTS	170	2,127	34,185	14	0.56	MASSACHUSETTS	394	10,665	73,958	42	0.39
MICHIGAN	766	5,392	19,233	59	1.09	MICHIGAN	445	10,495	64,438	67	0.64
MINNESOTA	688	2,556	10,151	21	0.82	MINNESOTA	217	4,441	55,916	20	0.45
MISSISSIPPI	560	2,443	11,919	45	1.84	MISSISSIPPI	124	1,113	24,524	22	1.98
MISSOURI	843	4,689	15,197	53	1.13	MISSOURI	334	7,707	63,046	75	0.97
MONTANA	1,144	1,651	3,943	25	1.51	MONTANA	47	153	8,894	5	3.27
NEBRASKA	444	1,751	10,776	20	1.14	NEBRASKA	37	583	43,051	5	0.86
NEVADA	503	1,421	7,719	32	2.25	NEVADA	42	798	51,913	9	1.13
NEW HAMPSHIRE	180	1,277	19,384	15	1.17	NEW HAMPSHIRE	44	622	38,624	2	0.32
NEW JERSEY	125	1,848	40,393	10	0.54	NEW JERSEY	267	8,548	87,473	79	0.92
NEW MEXICO	904	3,085	9,324	77	2.50	NEW MEXICO	95	1,019	29,307	16	1.57
NEW YORK	855	5,323	17,010	41	0.77	NEW YORK	646	13,235	55,977	116	0.88
NORTH CAROLINA	615	5,221	23,195	71	1.36	NORTH CAROLINA	221	2,833	35,025	27	0.95
NORTH DAKOTA	530	842	4,341	10	1.19	NORTH DAKOTA	40	152	10,383	2	1.32
OHIO	847	7,550	24,355	46	0.61	OHIO	718	13,971	53,164	90	0.64
OKLAHOMA	723	3,615	13,661	43	1.19	OKLAHOMA	204	3,050	40,850	24	0.79
OREGON	595	3,248	14,915	36	1.11	OREGON	132	2,578	53,361	10	0.39
PENNSYLVANIA	1,142	7,244	17,331	65	0.90	PENNSYLVANIA	386	6,424	45,471	74	1.15
RHODE ISLAND	21	199	25,891	1	0.50	RHODE ISLAND	49	988	55,091	12	1.21
SOUTH CAROLINA	673	5,217	21,180	36	0.69	SOUTH CAROLINA	117	1,978	46,191	10	0.51
SOUTH DAKOTA	631	1,275	5,521	20	1.57	SOUTH DAKOTA	46	204	12,117	1	0.49
TENNESSEE	787	6,227	21,618	75	1.20	TENNESSEE	275	5,259	52,250	57	1.08
TEXAS	2,277	10,962	13,154	219	2.00	TEXAS	930	21,276	62,507	262	1.23
UTAH	771	1,921	6,808	47	2.45	UTAH	140	2,343	45,726	15	0.64
VERMONT	300	1,000	9,107	16	1.60	VERMONT	20	131	17,896	0	0.00
VIRGINIA	771	6,518	23,098	64	0.98	VIRGINIA	296	7,558	69,296	54	0.71
WASHINGTON	519	3,311	17,431	40	1.21	WASHINGTON	244	6,808	76,234	48	0.71
WEST VIRGINIA	429	2,324	14,801	29	1.25	WEST VIRGINIA	90	966	29,326	8	0.83
WISCONSIN	517	3,504	18,518	24	0.68	WISCONSIN	123	2,366	52,557	10	0.42
WYOMING	864	1,543	4,879	32	2.07	WYOMING	50	147	8,033	4	2.72
SUBTOTAL	33,303	181,284	14,873	2,393	1.32	SUBTOTAL	11,326	258,662	62,399	2,113	0.82
INCOMPLETE DATA						INCOMPLETE DATA					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-B. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988

OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5,884	7,973	3,702	245	3.07	ALABAMA	858	4,722	15,037	102	2.16
ALASKA	947	424	1,223	7	1.65	ALASKA	38	178	12,798	5	2.81
ARIZONA	3,279	3,868	3,232	128	3.31	ARIZONA	230	1,715	20,373	36	2.10
ARKANSAS	4,735	5,069	2,924	179	3.53	ARKANSAS	477	2,071	11,863	33	1.59
CALIFORNIA	9,530	21,296	6,106	771	3.62	CALIFORNIA	1,556	39,651	69,625	424	1.07
COLORADO	3,835	3,941	2,807	96	2.44	COLORADO	445	3,610	22,165	49	1.36
CONNECTICUT	688	2,270	3,015	53	2.33	CONNECTICUT	577	4,792	22,691	62	1.29
DELAWARE	334	1,737	14,209	35	2.01	DELAWARE	101	889	24,049	21	2.36
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	178	1,772	27,200	32	1.81
FLORIDA	5,767	13,016	6,167	753	5.79	FLORIDA	2,288	19,399	23,166	230	1.19
GEORGIA	8,573	11,278	3,534	354	3.14	GEORGIA	1,519	6,890	15,991	204	2.29
HAWAII	388	1,065	7,500	38	3.57	HAWAII	124	1,457	32,104	22	1.51
IDAHO	2,622	1,924	2,005	57	2.96	IDAHO	47	180	10,484	4	2.22
ILLINOIS	7,739	9,065	3,200	273	3.01	ILLINOIS	1,902	12,654	18,178	262	2.42
INDIANA	4,198	9,093	5,918	259	2.85	INDIANA	774	4,222	14,904	60	1.47
IOWA	8,102	6,305	2,126	161	2.55	IOWA	705	2,271	8,881	47	2.07
KANSAS	7,724	5,553	1,964	123	2.22	KANSAS	329	1,490	12,374	16	1.07
KENTUCKY	3,349	5,586	4,557	156	2.79	KENTUCKY	468	2,674	15,611	28	1.05
LOUISIANA	2,646	4,723	4,877	181	3.83	LOUISIANA	498	3,646	20,004	33	0.91
MAINE	1,823	3,095	4,639	66	2.13	MAINE	185	886	13,085	7	0.79
MARYLAND	1,639	6,239	10,401	135	2.16	MARYLAND	564	5,625	27,250	111	1.97
MASSACHUSETTS	1,013	3,195	8,617	33	1.03	MASSACHUSETTS	1,201	11,173	25,418	96	0.86
MICHIGAN	6,246	11,435	5,002	356	3.11	MICHIGAN	982	10,570	29,409	143	1.35
MINNESOTA	8,680	7,439	2,342	147	1.98	MINNESOTA	623	3,684	16,157	35	0.95
MISSISSIPPI	5,420	5,839	2,943	213	3.65	MISSISSIPPI	342	1,548	12,367	32	2.07
MISSOURI	6,446	8,646	3,665	255	2.95	MISSOURI	547	3,805	19,005	47	1.24
MONTANA	5,352	2,389	1,220	76	3.14	MONTANA	105	395	10,278	7	1.77
NEBRASKA	6,927	3,996	1,576	70	1.75	NEBRASKA	267	1,277	13,068	17	1.33
NEVADA	1,788	1,285	1,964	47	3.66	NEVADA	60	488	22,222	7	1.43
NEW HAMPSHIRE	957	2,324	6,635	30	1.29	NEW HAMPSHIRE	169	1,097	17,735	14	1.28
NEW JERSEY	811	3,448	11,616	90	2.61	NEW JERSEY	661	10,085	41,686	153	1.52
NEW MEXICO	3,347	2,744	2,240	94	3.43	NEW MEXICO	227	1,074	12,927	26	2.42
NEW YORK	6,407	10,673	4,551	334	3.13	NEW YORK	1,985	20,699	28,491	386	1.86
NORTH CAROLINA	3,844	8,609	6,119	220	2.66	NORTH CAROLINA	661	4,837	19,994	50	1.03
NORTH DAKOTA	5,402	1,708	864	26	1.52	NORTH DAKOTA	137	445	8,875	5	1.12
OHIO	4,999	9,892	5,407	256	2.59	OHIO	1,581	8,301	14,346	176	2.12
OKLAHOMA	4,875	5,551	3,111	136	2.45	OKLAHOMA	438	2,724	16,992	26	0.95
OREGON	4,669	5,636	3,298	196	3.48	OREGON	393	2,706	18,813	44	1.63
PENNSYLVANIA	7,795	15,593	5,466	526	3.37	PENNSYLVANIA	2,163	15,227	19,234	268	1.76
RHODE ISLAND	158	386	6,676	12	3.11	RHODE ISLAND	238	1,542	17,702	20	1.30
SOUTH CAROLINA	4,959	8,049	4,435	251	3.12	SOUTH CAROLINA	712	4,439	17,034	23	0.52
SOUTH DAKOTA	5,704	2,159	1,034	38	1.76	SOUTH DAKOTA	418	951	6,216	15	1.58
TENNESSEE	5,198	8,431	4,432	294	3.49	TENNESSEE	907	5,786	17,430	119	2.06
TEXAS	14,828	21,605	3,981	477	2.21	TEXAS	1,921	18,525	26,348	256	1.38
UTAH	2,490	1,645	1,805	53	3.22	UTAH	106	593	15,285	14	2.36
VERMONT	1,047	1,523	3,974	36	2.36	VERMONT	73	300	11,228	3	1.00
VIRGINIA	4,736	10,334	5,962	277	2.68	VIRGINIA	647	5,452	23,023	64	1.17
WASHINGTON	4,387	4,933	3,072	159	3.22	WASHINGTON	651	4,676	19,625	49	1.05
WEST VIRGINIA	2,251	3,488	4,234	131	3.76	WEST VIRGINIA	191	970	13,876	16	1.65
WISCONSIN	8,327	10,518	3,451	232	2.21	WISCONSIN	949	5,605	16,137	55	0.98
WYOMING	2,866	1,445	1,378	32	2.21	WYOMING	125	392	8,568	5	1.28
SUBTOTAL	225,724	308,438	3,733	9,166	2.97	SUBTOTAL	33,343	272,160	22,302	3,959	1.45
INCOMPLETE DATA						INCOMPLETE DATA					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-C. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988

FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL					STATE	COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	1,533	4,126	7.354	64	1.55	ALABAMA	1,248	1,524	3,336	23	1.51
ALASKA	102	447	11,974	6	1.34	ALASKA	151	214	3,872	2	0.93
ARIZONA	2,299	11,737	13,949	242	2.06	ARIZONA	707	1,121	4,332	8	0.71
ARKANSAS	843	1,772	5,743	37	2.09	ARKANSAS	300	230	2,095	3	1.30
CALIFORNIA	12,607	75,447	16,351	1,692	2.24	CALIFORNIA	5,003	6,106	3,335	127	2.08
COLORADO	1,743	5,259	8,244	67	1.27	COLORADO	554	364	1,795	1	0.27
CONNECTICUT	1,235	4,035	8,927	92	2.28	CONNECTICUT	1,722	2,203	3,495	50	2.27
DELAWARE	162	844	14,235	18	2.13	DELAWARE	149	335	6,143	9	2.69
DIST. OF COL.	85	465	14,947	9	1.94	DIST. OF COL.	152	323	5,806	3	0.93
FLORIDA	1,925	14,391	20,426	323	2.24	FLORIDA	2,665	6,624	6,791	0	0.00
GEORGIA	2,151	6,903	8,768	138	2.00	GEORGIA	1,819	2,297	3,450	67	2.92
HAWAII	143	876	16,737	15	1.71	HAWAII	179	440	6,716	5	1.14
IDAHO	442	1,259	7,783	20	1.59	IDAHO	281	219	2,129	4	1.83
ILLINOIS	3,667	15,498	11,547	320	2.06	ILLINOIS	3,086	6,314	5,590	114	1.81
INDIANA	2,883	8,700	8,245	97	1.11	INDIANA	1,697	1,379	2,220	25	1.81
IOWA	1,473	2,536	4,704	45	1.77	IOWA	965	646	1,829	11	1.70
KANSAS	1,107	3,101	7,654	31	1.00	KANSAS	483	409	2,314	7	1.71
KENTUCKY	1,125	4,030	9,787	60	1.49	KENTUCKY	794	1,206	4,150	11	0.91
LOUISIANA	1,379	3,861	7,650	96	2.49	LOUISIANA	787	875	3,038	20	2.29
MAINE	344	1,069	8,491	8	0.75	MAINE	361	381	2,884	6	1.57
MARYLAND	1,447	8,138	15,366	156	1.92	MARYLAND	682	1,362	5,456	21	1.54
MASSACHUSETTS	3,337	7,996	6,547	160	2.00	MASSACHUSETTS	2,569	2,690	2,861	58	2.16
MICHIGAN	4,441	17,781	10,939	385	2.17	MICHIGAN	1,204	2,739	6,216	33	1.20
MINNESOTA	1,572	6,043	10,503	66	1.09	MINNESOTA	631	726	3,144	6	0.83
MISSISSIPPI	961	2,233	6,349	45	2.02	MISSISSIPPI	780	693	2,491	15	2.16
MISSOURI	1,840	7,835	11,634	129	1.65	MISSOURI	594	853	3,924	6	0.70
MONTANA	246	598	6,642	8	1.34	MONTANA	114	95	2,277	3	3.16
NEBRASKA	652	1,945	8,151	14	0.72	NEBRASKA	403	468	3,173	6	1.28
NEVADA	460	2,546	15,122	69	2.71	NEVADA	99	130	3,568	10	7.69
NEW HAMPSHIRE	389	1,200	8,429	20	1.87	NEW HAMPSHIRE	338	316	2,554	7	2.22
NEW JERSEY	3,544	13,189	10,168	335	2.54	NEW JERSEY	1,808	3,163	4,780	54	1.71
NEW MEXICO	450	2,198	13,345	47	2.14	NEW MEXICO	119	163	3,742	5	3.07
NEW YORK	5,196	25,272	13,289	580	2.30	NEW YORK	3,553	5,097	3,920	77	1.51
NORTH CAROLINA	2,483	8,811	9,695	105	1.19	NORTH CAROLINA	321	344	2,928	5	1.45
NORTH DAKOTA	282	466	4,515	2	0.43	NORTH DAKOTA	205	171	2,279	5	2.92
OHIO	3,717	10,605	7,795	236	2.23	OHIO	4,125	3,689	2,443	105	2.85
OKLAHOMA	2,222	6,283	7,726	63	1.00	OKLAHOMA	753	718	2,605	6	0.84
OREGON	1,075	3,533	8,980	80	2.26	OREGON	923	1,143	3,383	20	1.75
PENNSYLVANIA	3,864	13,262	9,378	181	1.36	PENNSYLVANIA	3,177	4,402	3,786	37	0.84
RHODE ISLAND	480	1,529	8,703	36	2.35	RHODE ISLAND	444	353	2,172	13	3.68
SOUTH CAROLINA	640	2,516	10,741	27	1.07	SOUTH CAROLINA	534	871	4,457	3	0.34
TENNESSEE	1,347	6,254	12,686	127	2.03	SOUTH DAKOTA	162	127	2,142	1	0.79
TEXAS	6,116	23,479	10,489	273	1.16	TENNESSEE	1,784	2,270	3,477	48	2.11
UTAH	533	2,754	14,117	33	1.20	TEXAS	1,573	1,985	3,450	2	0.10
VERMONT	149	448	8,215	5	1.12	UTAH	388	872	6,140	14	1.61
VIRGINIA	2,024	9,921	13,393	137	1.38	VERMONT	132	134	2,774	0	0.00
WASHINGTON	2,447	9,696	10,826	136	1.42	VIRGINIA	1,392	2,089	4,100	30	1.44
WEST VIRGINIA	366	1,189	8,416	21	1.77	WASHINGTON	1,734	2,231	3,515	35	1.57
WISCONSIN	2,035	5,666	7,604	64	1.13	WEST VIRGINIA	397	453	3,118	8	1.77
WYOMING	242	410	4,629	10	2.44	WISCONSIN	911	741	2,222	9	1.21
						WYOMING	276	210	2,064	1	0.48
SUBTOTAL	91,826	370,152	11,014	6,932	1.87	SUBTOTAL	55,210	74,509	3,687	1,139	1.53
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH DAKOTA											

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-D. FATAL ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1988
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11,484	4,305	1,024	156	3.62
ALASKA	1,951	481	674	12	2.49
ARIZONA	3,294	2,522	2,092	89	3.53
ARKANSAS	7,249	1,989	750	65	3.27
CALIFORNIA	11,064	9,788	2,417	441	4.51
COLORADO	3,411	1,430	1,145	46	3.22
CONNECTICUT	902	1,439	4,359	36	2.50
DELAWARE	602	625	2,837	24	3.84
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,391	2,728	1,697	159	5.83
GEORGIA	14,008	5,723	1,116	259	4.53
HAWAII	455	445	2,672	18	4.04
IDAHO	4,194	1,143	745	47	4.11
ILLINOIS	12,957	3,398	717	178	5.24
INDIANA	9,593	10,308	2,936	150	1.46
IOWA	13,506	2,370	479	103	4.35
KANSAS	22,605	2,637	319	70	2.65
KENTUCKY	7,320	4,878	1,821	216	4.43
LOUISIANA	7,353	4,876	1,812	244	5.00
MAINE	2,742	1,732	1,726	49	2.83
MARYLAND	1,907	2,136	3,060	72	3.37
MASSACHUSETTS	2,007	1,657	2,256	32	1.93
MICHIGAN	17,106	9,797	1,565	235	2.40
MINNESOTA	16,619	3,602	592	103	2.86
MISSISSIPPI	11,718	3,417	797	133	3.89
MISSOURI	18,062	4,981	753	255	5.12
MONTANA	4,732	805	465	18	2.24
NEBRASKA	11,449	1,235	295	30	2.43
NEVADA	2,315	721	851	46	6.38
NEW HAMPSHIRE	1,235	1,187	2,626	24	2.02
NEW JERSEY	1,723	2,936	4,656	75	2.55
NEW MEXICO	3,936	1,161	806	51	4.39
NEW YORK	6,308	5,232	2,266	148	2.83
NORTH CAROLINA	10,297	10,170	2,699	369	3.63
NORTH DAKOTA	10,577	760	196	20	2.63
OHIO	11,649	8,376	1,965	279	3.33
OKLAHOMA	11,663	3,878	908	100	2.58
OREGON	7,811	2,594	907	91	3.51
PENNSYLVANIA	7,978	5,773	1,977	193	3.34
RHODE ISLAND	203	162	2,180	11	6.79
SOUTH CAROLINA	8,519	4,419	1,417	17	0.38
SOUTH DAKOTA	11,478	914	218	28	3.06
TENNESSEE	5,448	3,027	1,518	151	4.99
TEXAS	32,600	13,907	1,166	517	3.72
UTAH	2,644	754	779	14	1.86
VERMONT	1,946	1,083	1,521	30	2.77
VIRGINIA	10,203	5,918	1,585	201	3.40
WASHINGTON	7,270	4,313	1,621	122	2.83
WEST VIRGINIA	6,370	3,095	1,328	148	4.78
WISCONSIN	12,960	4,176	860	139	3.33
WYOMING	2,267	426	513	15	3.52
SUBTOTAL	400,081	175,429	1,198	6,029	3.44
INCOMPLETE DATA					
1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.					

TABLE 3-E. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988
NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL				STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	RATE 1/
COMPLETE DATA					COMPLETE DATA					
ALABAMA	1	4	10,929	0	0.00	224	343	4,184	5	1.46
ALASKA										0.00
ARIZONA	15	18	3,279	0	0.00	33	5	3,415	0	0.00
ARKANSAS	363	188	1,415	6	3.19	404	122	10,101	1	0.82
CALIFORNIA	17	18	2,893	2	11.11	1,274	484	3,273	9	1.86
COLORADO	7	6	2,342	0	0.00	24	12	9,724	72	1.59
CONNECTICUT	9	23	6,962	3	13.04	34	205	1,366	0	0.00
DELAWARE	1	9	24,590	0	0.00	4	4	16,474	3	1.46
DIST. OF COL.						12	67	6,831	0	0.00
FLORIDA	358	1,288	9,830	217	16.85	386	2,931	15,255	2	2.99
GEORGIA						11	30	20,747	11	0.38
HAWAII	10	25	6,831	0	0.00			7,452	0	0.00
IDAH0						53	118	6,083	0	0.00
ILLINOIS						34	43	3,455	2	4.65
INDIANA						56	176	8,587	53	30.11
IOWA						9	14	4,250	0	0.00
KANSAS						207	558	7,365	15	2.69
KENTUCKY										
LOUISIANA	10	2	546	0	0.00	284	969	9,322	1	0.10
MAINE	1	2	5,454	0	0.00	3	6	5,464	0	0.00
MARYLAND						9	49	14,876	1	2.04
MASSACHUSETTS						4	24	16,393	0	0.00
MICHIGAN						489	497	2,777	2	0.40
MINNESOTA										
MISSISSIPPI	267	95	972	3	3.16	14	23	4,489	1	4.35
MISSOURI						514	1,354	7,197	16	1.18
MONTANA	50	10	546	0	0.00	32	47	4,013	1	2.13
NEBRASKA										
NEVADA						25	129	14,098	0	0.00
NEW HAMPSHIRE	19	147	21,139	0	0.00	19	150	21,570	1	0.67
NEW JERSEY	121	777	17,545	20	2.57	262	1,989	20,742	11	0.55
NEW MEXICO						152	545	9,797	16	1.10
NEW YORK						112	515	12,563	1	0.13
NORTH CAROLINA	257	129	1,371	5	3.88	898	1,811	5,510	13	0.72
NORTH DAKOTA	2	1	1,366	0	0.00			2,732	0	0.00
OHIO										
OKLAHOMA	224	348	4,245	2	0.57	167	58	949	2	3.45
OREGON	169	136	2,199	1	0.74	153	92	4,743	2	2.17
PENNSYLVANIA										
RHODE ISLAND	3	1	911	0	0.00	14	24	4,684	0	0.00
TEXAS	34	11	12,760	0	0.00	262	912	5,339	1	0.20
UTAH						1,890	6,147	10,929	0	0.00
VERMONT						41	135	8,844	16	0.26
VIRGINIA	310	223	1,965	0	0.00			2,332	0	0.00
WASHINGTON						125	847	16,514	3	0.35
WEST VIRGINIA	3	2	1,821	0	0.00	10	31	8,470	0	0.00
WISCONSIN	265	107	1,166	4	3.74					
WYOMING						108	206	5,211	3	1.46
SUBTOTAL	2,510	3,588	3,917	253	7.31	8,269	25,718	8,498	254	0.99
INCOMPLETE DATA										
SOUTH CAROLINA										
NORTH CAROLINA										
TENNESSEE										

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-F. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988

NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	6.996	1.148	448	23	2.00	ALABAMA	465	289	1.698	5	1.73
ALASKA	840	143	465	9	6.29	ALASKA	53	53	2.732	2	3.77
ARIZONA	3.825	600	429	4	0.67	ARIZONA	324	138	1.164	1	0.72
ARKANSAS	11.723	1,514	353	76	5.02	ARKANSAS	704	282	1.094	5	1.77
CALIFORNIA	11.661	4,010	940	177	4.41	CALIFORNIA	2,682	4,996	5.090	75	1.50
COLORADO	15.907	1,678	288	51	3.04	COLORADO	606	629	2.836	13	2.07
CONNECTICUT	1.194	503	1,151	19	3.78	CONNECTICUT	196	166	2.314	8	4.82
DELAWARE	158	72	1,245	4	5.56	DELAWARE	23	11	1.307	1	9.09
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	4	10	6.831	0	0.00
FLORIDA	5.492	1,718	855	100	5.82	FLORIDA	2,119	2,488	3,208	8	0.00
GEORGIA	7.362	931	346	54	5.80	GEORGIA	1	1	2.732	0	0.00
HAWAII	138	183	3,623	0	0.00	HAWAII	1	3	6.197	0	0.00
IDAHO	4.548	314	189	1	0.32	IDAHO	104	106	2.785	0	0.00
ILLINOIS	4.902	1,975	1,101	55	2.78	ILLINOIS	192	194	2.761	7	3.61
INDIANA	10.410	1,687	443	38	2.25	INDIANA	228	224	2.684	20	8.93
IOWA	16.398	714	119	30	4.20	IOWA	75	41	1.494	0	0.00
KANSAS	9.406	284	82	20	7.04	KANSAS	295	252	2.334	6	2.38
KENTUCKY	9.351	1,894	553	95	5.02	KENTUCKY	107	119	3.039	0	0.00
LOUISIANA	4.306	1,371	870	60	4.38	LOUISIANA	349	418	3.272	1	0.24
MAINE	2.790	943	923	23	2.44	MAINE	31	20	1.763	0	0.00
MARYLAND	1.894	748	1,079	36	4.81	MARYLAND	492	556	3.088	16	2.88
MASSACHUSETTS	1.950	391	548	23	5.88	MASSACHUSETTS	156	142	2.487	1	0.70
MICHIGAN	7.584	1,608	579	52	3.23	MICHIGAN	1,681	1,102	1.791	7	0.64
MINNESOTA	11.905	1,068	245	46	4.31	MINNESOTA	1,203	1,777	4.036	24	1.35
MISSISSIPPI	2.434	333	310	11	3.30	MISSISSIPPI	2	1	1.366	0	0.00
MISSOURI	6.465	374	187	11	2.94	MISSOURI	839	889	2.895	6	0.67
MONTANA	11.363	451	108	13	2.88	MONTANA	115	75	1.782	0	0.00
NEBRASKA	9.236	277	82	5	1.81	NEBRASKA	-	-	-	-	-
NEVADA	2.464	161	179	7	4.35	NEVADA	339	415	3.345	0	0.00
NEW HAMPSHIRE	1.239	383	845	9	2.35	NEW HAMPSHIRE	3	3	2.732	0	0.00
NEW JERSEY	1.285	960	2,041	23	2.40	NEW JERSEY	94	98	2.849	4	4.08
NEW MEXICO	2.638	246	255	16	6.50	NEW MEXICO	220	293	3.639	13	4.44
NEW YORK	10.795	5,586	1,414	111	1.99	NEW YORK	384	566	4.027	4	0.71
NORTH CAROLINA	9.305	3,490	1,025	155	4.44	NORTH CAROLINA	1,039	730	1.920	9	1.23
NORTH DAKOTA	8.010	233	79	2	0.66	NORTH DAKOTA	21	11	1.431	0	0.00
OHIO	7.293	2,218	831	69	3.11	OHIO	-	-	-	-	-
OKLAHOMA	12.836	1,016	216	27	2.66	OKLAHOMA	452	247	1.493	6	2.43
OREGON	6.920	778	238	19	2.44	OREGON	220	268	3.328	2	0.75
PENNSYLVANIA	8.418	2,604	845	78	3.00	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	140	52	1,015	0	0.00	RHODE ISLAND	4	2	1.366	0	0.00
SOUTH CAROLINA	4.005	609	415	113	18.55	SOUTH CAROLINA	620	429	1.891	46	10.72
SOUTH DAKOTA	6.874	161	64	5	3.11	TENNESSEE	14	9	1.756	0	0.00
TENNESSEE	10.762	2,200	559	88	4.00	TEXAS	5,238	5,957	3,107	2	0.03
TEXAS	23.868	2,933	336	97	3.31	UTAH	91	46	1.381	1	2.17
UTAH	4.688	224	131	2	0.89	VERMONT	-	-	-	-	-
VERMONT	1.019	194	520	8	4.12	VIRGINIA	-	-	-	-	-
VIRGINIA	2.408	466	529	25	5.36	WASHINGTON	42	160	10,409	0	0.00
WASHINGTON	6.539	1,666	696	30	1.80	WEST VIRGINIA	3	1	911	0	0.00
WEST VIRGINIA	2.170	333	419	10	3.00	WISCONSIN	511	514	2,748	4	0.78
WISCONSIN	7.159	1,168	446	42	3.60	WYOMING	18	11	1.670	0	0.00
WYOMING	7.685	450	160	20	4.44						
SUBTOTAL	330,258	55,063	456	1,992	3.62	SUBTOTAL	22,360	24,742	3,023	289	1.17
INCOMPLETE DATA						INCOMPLETE DATA					
						SOUTH DAKOTA					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-G. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988
NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL					STATE	URBAN						
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			
				NUMBER	RATE 1/					NUMBER	RATE 1/		
COMPLETE DATA						COMPLETE DATA							
ALABAMA	48,584	3,556	200	130	3.66	ALABAMA	12,258	4,422	986	76	1.72		
ALASKA	5,652	388	188	12	3.09	ALASKA	1,362	469	941	8	1.71		
ARIZONA	47,324	2,191	126	145	6.62	ARIZONA	7,799	3,575	1,252	54	1.51		
ARKANSAS	44,950	1,051	64	61	5.80	ARKANSAS	4,803	622	354	10	1.61		
CALIFORNIA	57,692	3,434	163	246	7.16	CALIFORNIA	47,086	11,944	693	252	2.11		
COLORADO	42,072	820	53	31	3.78	COLORADO	7,603	3,506	1,260	11	0.31		
CONNECTICUT	6,086	944	424	28	2.97	CONNECTICUT	6,813	1,732	695	40	2.31		
DELAWARE	2,723	461	463	10	2.17	DELAWARE	1,089	509	1,277	3	0.59		
DIST. OF COL.						DIST. OF COL.	659	339	1,406	3	0.88		
FLORIDA	39,657	2,903	200	348	11.99	FLORIDA	38,152	20,606	1,476	384	1.86		
GEORGIA	56,223	3,441	167	151	4.39	GEORGIA	14,477	5,722	1,080	112	1.96		
HAWAII	1,680	530	862	8	1.51	HAWAII	924	1,137	3,362	11	0.97		
IDAHO	46,369	840	49	52	6.19	IDAHO	1,398	175	342	9	5.14		
ILLINOIS	76,914	3,334	118	114	3.42	ILLINOIS	22,174	6,993	862	163	2.33		
INDIANA	48,796	1,913	107	152	7.95	INDIANA	11,836	3,432	792	20	0.58		
IOWA	65,124	1,492	63	45	3.02	IOWA	5,349	1,148	586	13	1.13		
KANSAS	83,622	1,237	40	66	5.34	KANSAS	6,317	1,535	664	17	1.11		
KENTUCKY	41,652	1,942	127	71	3.66	KENTUCKY	4,919	1,784	991	19	1.07		
LOUISIANA	31,269	2,153	188	63	2.93	LOUISIANA	8,790	4,585	1,425	38	0.83		
MAINE	11,884	964	222	47	4.88	MAINE	1,436	228	434	0	0.00		
MARYLAND	10,605	1,071	276	45	4.20	MARYLAND	8,601	1,702	541	51	3.00		
MASSACHUSETTS	8,060	462	157	72	15.58	MASSACHUSETTS	12,948	2,812	593	142	5.05		
MICHIGAN	59,197	2,535	117	109	4.30	MICHIGAN	17,754	3,948	808	74	1.87		
MINNESOTA	77,802	2,459	86	57	2.32	MINNESOTA	9,704	2,652	747	18	0.68		
MISSISSIPPI	44,013	2,710	168	90	3.32	MISSISSIPPI	5,054	1,595	862	21	1.32		
MISSOURI	73,686	3,195	118	79	2.47	MISSOURI	10,718	1,242	317	46	3.70		
MONTANA	46,570	789	46	25	3.17	MONTANA	1,601	880	1,160	3	0.44		
NEBRASKA	59,496	1,224	56	55	4.49	NEBRASKA	3,584	651	496	12	1.84		
NEVADA	34,710	300	24	17	5.67	NEVADA	2,028	595	802	12	2.02		
NEW HAMPSHIRE	8,679	542	171	22	4.06	NEW HAMPSHIRE	1,440	259	491	7	2.70		
NEW JERSEY	7,699	867	308	37	4.27	NEW JERSEY	15,797	10,763	1,862	75	0.70		
NEW MEXICO	38,506	2,076	147	65	3.13	NEW MEXICO	3,344	679	555	17	2.50		
NEW YORK	48,706	3,343	188	140	4.19	NEW YORK	25,666	8,151	868	125	1.53		
NORTH CAROLINA	50,924	4,190	225	251	5.99	NORTH CAROLINA	12,948	6,768	1,428	121	1.79		
NORTH DAKOTA	60,012	680	31	18	2.65	NORTH DAKOTA	1,092	295	738	2	0.68		
OHIO	57,324	6,987	333	230	3.29	OHIO	21,087	10,401	1,348	97	0.93		
OKLAHOMA	68,977	1,796	71	87	4.84	OKLAHOMA	7,869	3,104	1,078	36	1.13		
OREGON	62,736	1,446	63	49	3.39	OREGON	5,899	1,046	484	19	1.82		
PENNSYLVANIA	63,049	5,514	239	137	2.48	PENNSYLVANIA	18,112	5,195	784	211	4.06		
RHODE ISLAND	943	105	304	2	1.90	RHODE ISLAND	3,149	510	443	11	2.16		
SOUTH CAROLINA	36,219	2,075	157	329	15.86	SOUTH CAROLINA	6,442	645	274	54	8.37		
SOUTH DAKOTA	46,974	590	34	19	3.22	SOUTH DAKOTA	1,133	253	610	0	0.00		
TENNESSEE	46,351	1,561	92	80	5.12	TENNESSEE	10,764	3,165	803	77	2.43		
TEXAS	142,898	4,279	82	323	7.55	TEXAS	66,290	25,374	1,046	558	2.20		
UTAH	26,927	516	52	56	10.85	UTAH	4,082	1,549	1,037	9	0.58		
VERMONT	8,799	478	148	18	3.77	VERMONT	604	262	1,185	1	0.38		
VIRGINIA	33,619	3,125	254	76	2.43	VIRGINIA	10,359	5,002	1,319	40	0.80		
WASHINGTON	46,584	1,070	63	44	4.11	WASHINGTON	11,119	2,917	717	35	1.20		
WEST VIRGINIA	20,379	756	101	21	2.78	WEST VIRGINIA	1,907	309	443	13	4.21		
WISCONSIN	66,399	3,050	126	97	3.18	WISCONSIN	9,626	4,942	1,403	25	0.51		
WYOMING	24,677	360	40	3	0.83	WYOMING	1,175	156	363	3	1.92		
SUBTOTAL	2,139,793	93,745	120	4,433	4.73	SUBTOTAL	517,140	182,085	962	3,157	1.73		
INCOMPLETE DATA						INCOMPLETE DATA							

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-A. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988

FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	625	3.951	17.272	721	18.25	ALABAMA	258	3.321	35.170	1,645	49.53
ALASKA	1,039	655	1.722	340	51.91	ALASKA	50	384	20,984	255	66.41
ARIZONA	1,039	4.449	11.699	1,719	38.64	ARIZONA	123	2,191	48,669	1,740	79.42
ARKANSAS	419	2.425	15.813	335	13.81	ARKANSAS	123	1,522	33,809	376	24.70
CALIFORNIA	1,412	12.530	24.246	2,885	23.02	CALIFORNIA	978	47,821	133,598	16,179	33.83
COLORADO	789	3.082	10.673	1,178	38.22	COLORADO	152	3,328	59,822	1,941	58.32
CONNECTICUT	109	1.369	34.316	327	23.89	CONNECTICUT	233	6,381	74,826	2,973	46.59
DELAWARE	-	-	-	-	-	DELAWARE	41	902	60,109	263	29.16
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	429	97,678	251	58.51
FLORIDA	993	7.836	21.561	3,201	40.85	FLORIDA	396	9,391	64,794	3,527	37.56
GEORGIA	884	7.954	24.584	1,445	18.17	GEORGIA	360	9,092	69,004	4,463	49.09
HAWAII	5	82	44.809	30	36.59	HAWAII	34	1,176	94,503	829	70.49
IDAHO	534	1.381	7.066	452	32.73	IDAHO	71	468	18,010	135	28.85
ILLINOIS	1,417	6.866	13.239	1,663	24.22	ILLINOIS	522	12,149	63,590	7,937	65.33
INDIANA	851	5.511	17.694	1,652	29.98	INDIANA	266	4,479	46,006	813	18.15
IOWA	650	3.119	13.111	453	14.52	IOWA	132	1,251	25,894	358	28.62
KANSAS	711	2.285	8.781	547	23.94	KANSAS	159	1,820	31,275	1,051	57.75
KENTUCKY	579	4.271	20.154	819	19.18	KENTUCKY	184	3,230	47,963	1,156	35.79
LOUISIANA	571	4.061	19.432	1,122	27.63	LOUISIANA	180	3,142	47,693	2,920	92.93
MAINE	313	1.602	13.984	583	36.39	MAINE	53	473	24,384	277	58.56
MARYLAND	169	2.571	41.566	665	25.87	MARYLAND	224	7,301	89,054	3,257	44.61
MASSACHUSETTS	170	2.127	34.185	143	6.72	MASSACHUSETTS	394	10,665	73,958	1,224	11.48
MICHIGAN	766	5.392	19.233	2,666	49.44	MICHIGAN	445	10,495	64,438	4,466	42.55
MINNESOTA	688	2.556	10.151	502	19.64	MINNESOTA	217	4,441	55,916	1,491	33.57
MISSISSIPPI	560	2.443	11.919	296	12.20	MISSISSIPPI	124	1,113	24,524	295	26.50
MISSOURI	843	4.689	15.197	810	17.27	MISSOURI	334	7,707	63,046	3,839	49.81
MONTANA	1,144	1.651	3.943	508	30.77	MONTANA	47	153	8,894	35	22.88
NEBRASKA	444	1.751	10.775	294	16.79	NEBRASKA	37	583	43,051	352	60.38
NEVADA	503	1.421	7.719	477	33.57	NEVADA	42	798	51,913	726	90.98
NEW HAMPSHIRE	180	1.277	19.384	186	14.57	NEW HAMPSHIRE	44	622	38,624	49	7.88
NEW JERSEY	125	1.848	40.393	292	15.80	NEW JERSEY	267	8,548	87,473	3,395	39.72
NEW MEXICO	904	3.085	9.324	980	31.77	NEW MEXICO	95	1,019	29,307	630	61.83
NEW YORK	855	5.323	17.010	2,461	46.23	NEW YORK	646	13,235	55,977	7,667	57.93
NORTH CAROLINA	615	5.221	23.195	1,595	30.55	NORTH CAROLINA	221	2,833	35,025	734	25.91
NORTH DAKOTA	530	842	4.341	139	16.51	NORTH DAKOTA	40	152	10,383	46	30.26
OHIO	847	7.550	24.355	1,826	24.19	OHIO	718	13,971	53,164	7,844	56.14
OKLAHOMA	723	3.615	13.661	539	14.91	OKLAHOMA	204	3,050	40,850	59	1.93
OREGON	595	3.248	14.915	518	15.95	OREGON	132	2,578	53,361	934	36.23
PENNSYLVANIA	1,142	7.244	17.331	1,703	23.51	PENNSYLVANIA	386	6,424	45,471	2,309	35.94
RHODE ISLAND	21	199	25.891	29	14.57	RHODE ISLAND	49	988	55,091	536	54.25
SOUTH DAKOTA	631	1.275	5.521	290	22.75	SOUTH DAKOTA	46	204	12,117	53	25.98
TEXAS	2,277	10.962	13.154	2,964	27.04	TEXAS	930	21,276	62,507	16,502	77.56
UTAH	771	1.921	6.808	677	35.24	UTAH	140	2,343	45,726	916	39.10
VERMONT	300	1,000	9.107	284	28.40	VERMONT	20	131	17,896	51	38.93
VIRGINIA	771	6.518	23.098	1,240	19.02	VIRGINIA	298	7,558	69,296	2,492	32.97
WASHINGTON	519	3.311	17.431	941	28.42	WASHINGTON	244	6,808	76,234	3,904	57.34
WEST VIRGINIA	429	2,324	14.801	658	28.31	WEST VIRGINIA	90	966	29,326	475	49.17
WISCONSIN	517	3,504	18.518	802	22.89	WISCONSIN	123	2,366	52,557	947	40.03
WYOMING	864	1,643	4.879	573	37.14	WYOMING	50	147	8,033	55	37.41
SUBTOTAL	31,843	169,840	14.573	44,532	26.22	SUBTOTAL	10,934	251,425	62,827	114,372	45.49
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH CAROLINA						SOUTH CAROLINA					
TENNESSEE						TENNESSEE					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-B. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988
OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5.884	7.973	3.702	4.074	51.10	ALABAMA	858	4.722	15.037	2.695	57.07
ALASKA	947	424	1.223	173	40.80	ALASKA	38	178	12.798	175	98.31
ARIZONA	3.270	3.868	3.232	1,896	49.02	ARIZONA	230	1,715	20.373	3,132	182.62
ARKANSAS	4.736	5.069	2.924	2,190	43.20	ARKANSAS	477	2,071	11.863	1,543	74.51
CALIFORNIA	9.530	21.296	6.106	11,370	53.39	CALIFORNIA	1,556	39,651	69.625	17,470	44.06
COLORADO	3.836	3.941	2.807	2,000	50.75	COLORADO	445	3,610	22.165	4,453	123.35
CONNECTICUT	688	2.270	9.015	1,707	75.20	CONNECTICUT	577	4,792	22.691	5,937	123.89
DELAWARE	334	1.737	14.209	925	53.25	DELAWARE	101	889	24.049	1,136	127.78
DIST. OF COL.						DIST. OF COL.	178	1,772	27.200	4,676	263.88
FLORIDA	5.767	13.016	6.167	21,194	162.83	FLORIDA	2,288	19,399	23.166	17,887	92.21
GEORGIA	8.573	11.278	3.594	7,690	68.19	GEORGIA	1,519	8,890	15.991	15,077	169.59
HAWAII	368	1.065	7.500	904	84.88	HAWAII	124	1,457	32.104	1,738	119.29
IDAHO	2.622	1.924	2.005	1,119	58.16	IDAHO	47	180	10.464	200	111.11
ILLINOIS	7.739	9.065	3.200	6,186	68.24	ILLINOIS	1,902	12,654	18.178	25,861	204.37
INDIANA	4.198	9.093	5.918	8,711	95.80	INDIANA	774	4,222	14.904	5,207	123.33
IOWA	8.102	6.305	2.126	2,637	41.82	IOWA	705	2,271	8.801	3,759	165.52
KANSAS	7.724	5.553	1.964	2,299	41.40	KANSAS	329	1,490	12.374	2,178	146.17
KENTUCKY	3.349	5.586	4.557	3,975	71.16	KENTUCKY	468	2,674	15.611	3,990	149.21
LOUISIANA	2.646	4.723	4.877	2,893	61.25	LOUISIANA	498	3,646	20.004	1,978	54.25
MAINE	1.823	3.095	4.639	2,351	75.96	MAINE	185	886	13.085	1,782	201.13
MARYLAND	1.639	6.239	10.401	4,417	70.80	MARYLAND	564	5,625	27.250	8,696	154.60
MASSACHUSETTS	1.013	3.195	8.617	1,055	33.02	MASSACHUSETTS	1,201	11,173	25.418	7,156	64.05
MICHIGAN	6.246	11.435	5.002	13,741	120.17	MICHIGAN	982	10,570	29.409	7,321	69.26
MINNESOTA	8.680	7.439	2.342	3,473	46.69	MINNESOTA	623	3,684	16.157	3,710	100.71
MISSISSIPPI	5.420	5.839	2.943	2,467	42.25	MISSISSIPPI	342	1,548	12.367	2,005	129.52
MISSOURI	6.446	8.646	3.665	4,768	55.15	MISSOURI	547	3,805	19.006	3,744	98.40
MONTANA	5.352	2.389	1.220	1,244	52.07	MONTANA	105	395	10.278	165	41.77
NEBRASKA	6.327	3.996	1.576	1,491	37.31	NEBRASKA	267	1,277	13.068	2,957	231.56
NEVADA	1,788	1.265	1.964	597	46.46	NEVADA	60	488	22.222	411	84.22
NEW HAMPSHIRE	957	2.324	6.635	1,219	52.45	NEW HAMPSHIRE	169	1,097	17.735	927	84.50
NEW JERSEY	811	3.448	11.616	4,307	124.91	NEW JERSEY	661	10,085	41.686	13,114	130.09
NEW MEXICO	3,347	2.744	2.240	1,164	42.42	NEW MEXICO	227	1,074	12.927	1,804	167.97
NEW YORK	6,407	10.673	4.551	21,614	202.51	NEW YORK	1,985	20,699	28.491	28,393	137.17
NORTH CAROLINA	3,844	8.609	6,119	5,193	60.32	NORTH CAROLINA	661	4,837	19.994	4,207	86.98
NORTH DAKOTA	5,402	1,708	884	401	23.48	NORTH DAKOTA	137	445	8.875	571	128.31
OHIO	4,999	9.892	5,407	8,175	82.64	OHIO	1,581	8,301	14.346	17,682	213.01
OKLAHOMA	4,875	5.551	3.111	1,958	35.27	OKLAHOMA	438	2,724	16.992	1,055	38.73
OREGON	4,669	5.636	3.298	2,894	51.35	OREGON	393	2,706	18.813	3,493	129.08
PENNSYLVANIA	7,795	15.593	5,466	13,541	86.84	PENNSYLVANIA	2,163	15,227	19.234	17,323	113.76
RHODE ISLAND	158	366	6.675	204	52.85	RHODE ISLAND	238	1,542	17.702	1,998	129.67
SOUTH DAKOTA	5,704	2,159	1.034	794	36.78	SOUTH DAKOTA	418	951	6.216	1,585	166.67
TEXAS	14,828	21.605	3.981	8,122	37.59	TEXAS	1,921	18,525	26.348	17,985	97.09
UTAH	2,490	1.645	1.805	810	55.32	UTAH	106	593	15.285	644	108.60
VERMONT	1,047	1.523	3.974	1,056	69.34	VERMONT	73	300	11.228	380	126.67
VIRGINIA	4,736	10.334	5.962	6,662	64.47	VIRGINIA	647	5,452	23.023	6,145	112.71
WASHINGTON	4,387	4.933	3.072	3,618	73.34	WASHINGTON	651	4,676	19.625	4,221	90.27
WEST VIRGINIA	2,251	3,488	4,234	4,486	128.61	WEST VIRGINIA	191	970	13.876	1,913	197.22
WISCONSIN	6,327	10,518	3,451	5,515	52.43	WISCONSIN	949	5,605	16.137	5,164	92.13
WYOMING	2,866	1,445	1.378	465	32.18	WYOMING	125	392	8.568	521	132.91
SUBTOTAL	215,567	291,958	3,700	209,845	71.88	SUBTOTAL	31,724	261,935	22,559	286,164	109.25
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH CAROLINA						SOUTH CAROLINA					
TENNESSEE						TENNESSEE					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-C. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988
FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL					STATE	COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		
				NUMBER	RATE 1/					NUMBER	RATE 1/	
COMPLETE DATA						COMPLETE DATA						
ALABAMA	1,533	4,126	7,354	3,912	94.81	ALABAMA	1,248	1,524	3,336	3,120	204.72	
ALASKA	102	447	11,974	913	204.25	ALASKA	151	214	3,872	255	119.16	
ARIZONA	2,299	11,737	13,949	21,057	179.41	ARIZONA	707	1,121	4,332	686	62.09	
ARKANSAS	843	1,772	5,743	1,836	103.61	ARKANSAS	300	230	2,095	172	74.78	
CALIFORNIA	12,607	75,447	16,351	105,968	140.45	CALIFORNIA	5,005	6,106	3,335	9,465	155.01	
COLORADO	1,743	5,259	8,244	9,304	176.92	COLORADO	554	364	1,795	506	139.01	
CONNECTICUT	1,235	4,035	8,927	9,963	246.91	CONNECTICUT	1,722	2,203	3,495	4,098	186.02	
DELAWARE	162	844	14,235	1,239	146.80	DELAWARE	149	335	6,143	388	115.82	
DIST. OF COL.	85	465	14,947	1,667	358.49	DIST. OF COL.	152	323	5,806	1,601	495.67	
FLORIDA	1,925	14,391	20,426	23,488	163.21	FLORIDA	2,665	6,624	6,791	87	1.31	
GEORGIA	2,151	6,903	8,768	12,950	187.60	GEORGIA	1,819	2,297	3,450	4,991	217.28	
HAWAII	143	876	16,737	2,053	234.36	HAWAII	179	440	6,716	753	171.14	
IDAHO	442	1,259	7,783	1,934	153.61	IDAHO	291	219	2,129	287	131.05	
ILLINOIS	3,667	15,498	11,547	30,733	198.30	ILLINOIS	3,086	6,314	5,590	11,854	187.74	
INDIANA	2,883	8,700	8,245	8,762	100.71	INDIANA	1,697	1,379	2,220	2,170	157.36	
IOWA	1,473	2,536	4,704	3,736	147.32	IOWA	965	646	1,829	1,202	186.07	
KANSAS	1,107	3,101	7,654	5,413	174.56	KANSAS	483	409	2,314	472	115.40	
KENTUCKY	1,125	4,030	9,787	7,535	186.97	KENTUCKY	794	1,206	4,150	2,102	174.30	
LOUISIANA	1,379	3,861	7,650	7,124	184.51	LOUISIANA	787	875	3,038	195	22.29	
MAINE	344	1,069	8,491	1,910	178.67	MAINE	361	381	2,884	585	153.54	
MARYLAND	1,447	8,138	15,366	15,973	196.28	MARYLAND	682	1,362	5,456	3,082	226.28	
MASSACHUSETTS	3,337	7,996	6,547	19,670	246.00	MASSACHUSETTS	2,569	2,690	2,861	7,066	262.68	
MICHIGAN	4,441	17,781	10,939	7,672	43.15	MICHIGAN	1,204	2,739	6,216	1,835	67.00	
MINNESOTA	1,572	6,043	10,503	8,623	142.69	MINNESOTA	631	726	3,144	1,013	139.53	
MISSISSIPPI	961	2,233	6,349	2,847	127.50	MISSISSIPPI	760	693	2,491	951	137.23	
MISSOURI	1,840	7,835	11,634	8,251	105.31	MISSOURI	594	853	3,924	688	80.66	
MONTANA	246	598	6,642	331	55.35	MONTANA	114	95	2,277	126	132.63	
NEBRASKA	652	1,945	8,151	4,700	241.65	NEBRASKA	403	468	3,173	1,069	228.42	
NEVADA	460	2,546	15,122	5,873	230.68	NEVADA	99	130	3,588	26	20.00	
NEW HAMPSHIRE	389	1,200	8,429	1,923	160.25	NEW HAMPSHIRE	338	316	2,554	572	161.01	
NEW JERSEY	3,544	13,189	10,168	43,433	329.31	NEW JERSEY	1,808	3,163	4,780	8,766	277.14	
NEW MEXICO	450	2,198	13,345	5,253	238.99	NEW MEXICO	119	163	3,742	398	244.17	
NEW YORK	5,196	25,272	13,289	43,608	172.55	NEW YORK	3,553	5,097	3,920	6,350	124.58	
NORTH CAROLINA	2,483	8,811	9,695	9,534	108.21	NORTH CAROLINA	321	344	2,928	0	0.00	
NORTH DAKOTA	282	466	4,515	580	124.46	NORTH DAKOTA	171	205	2,279	268	156.73	
OHIO	3,717	10,605	7,795	33,583	316.67	OHIO	4,125	3,689	2,443	15,371	416.67	
OKLAHOMA	2,222	6,283	7,726	7,367	117.25	OKLAHOMA	753	718	2,605	749	104.32	
OREGON	1,075	3,533	8,980	7,069	200.08	OREGON	923	1,143	3,383	1,946	170.25	
PENNSYLVANIA	3,864	13,262	9,378	18,310	138.06	PENNSYLVANIA	3,177	4,402	3,786	2,992	67.97	
RHODE ISLAND	480	1,529	8,703	3,666	239.76	RHODE ISLAND	444	353	2,172	836	236.83	
TEXAS	6,116	23,479	10,489	20,968	89.31	SOUTH DAKOTA	162	127	2,142	201	158.27	
UTAH	533	2,754	14,117	5,390	195.72	TEXAS	1,573	1,986	3,450	169	8.51	
VERMONT	149	448	8,215	675	150.67	UTAH	388	872	6,140	1,415	162.27	
VIRGINIA	2,024	9,921	13,393	16,491	168.22	VERMONT	132	134	2,774	174	129.85	
WASHINGTON	2,447	9,696	10,826	10,261	105.72	VIRGINIA	1,392	2,089	4,100	3,457	165.49	
WEST VIRGINIA	386	1,189	8,416	2,899	243.82	WASHINGTON	1,734	2,231	3,515	2,907	130.30	
WISCONSIN	2,036	5,666	7,604	3,698	65.27	WEST VIRGINIA	397	453	3,118	453	100.00	
WYOMING	242	410	4,829	377	91.95	WISCONSIN	911	741	2,222	1,151	155.33	
SUBTOTAL	89,839	361,382	10,991	570,512	157.87	WYOMING	278	210	2,064	254	120.95	
INCOMPLETE DATA						SUBTOTAL	52,892	71,368	3,687	109,284	153.13	
SOUTH CAROLINA						INCOMPLETE DATA						
SOUTH DAKOTA						SOUTH CAROLINA						
TENNESSEE						TENNESSEE						

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 4-D. NONFATAL INJURY ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1988
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL <i>70</i>				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11,484	4,305	1,024	1,571	36.49
ALASKA	1,951	481	674	291	60.50
ARIZONA	3,294	2,522	2,092	1,319	52.30
ARKANSAS	7,249	1,989	750	795	39.97
CALIFORNIA	11,064	9,788	2,417	21,742	222.13
COLORADO	3,411	1,430	1,145	835	58.39
CONNECTICUT	902	1,439	4,359	1,245	86.52
DELAWARE	602	625	2,837	503	80.48
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,391	2,728	1,697	3,080	112.90
GEORGIA	14,008	5,723	1,116	4,573	79.91
HAWAII	455	445	2,672	543	122.02
IDAHO	4,194	1,143	745	793	69.38
ILLINOIS	12,957	3,398	717	3,928	115.60
INDIANA	9,593	10,308	2,936	5,354	51.94
IOWA	13,506	2,370	479	1,695	71.52
KANSAS	22,605	2,637	319	1,999	75.81
KENTUCKY	7,320	4,878	1,821	5,410	110.91
LOUISIANA	7,353	4,876	1,812	4,958	101.68
MAINE	2,742	1,732	1,726	1,570	90.65
MARYLAND	1,907	2,136	3,060	2,626	122.94
MASSACHUSETTS	2,007	1,657	2,256	1,249	75.38
MICHIGAN	17,106	9,797	1,565	600	6.12
MINNESOTA	16,619	3,602	592	2,369	65.77
MISSISSIPPI	11,718	3,417	797	1,392	40.74
MISSOURI	18,062	4,981	753	4,918	98.74
MONTANA	4,732	805	465	367	45.59
NEBRASKA	11,449	1,235	295	968	78.38
NEVADA	2,315	721	851	504	69.90
NEW HAMPSHIRE	1,235	1,187	2,626	813	68.49
NEW JERSEY	1,723	2,936	4,656	4,338	147.75
NEW MEXICO	3,936	1,161	806	952	82.00
NEW YORK	6,308	5,232	2,266	14,230	271.98
NORTH CAROLINA	10,297	10,170	2,699	9,445	92.87
NORTH DAKOTA	10,577	760	196	226	29.74
OHIO	11,649	8,376	1,965	10,171	121.43
OKLAHOMA	11,663	3,878	908	1,410	36.36
OREGON	7,811	2,594	907	1,735	66.89
PENNSYLVANIA	7,978	5,773	1,977	6,627	114.79
RHODE ISLAND	203	162	2,180	122	75.31
SOUTH DAKOTA	11,478	914	218	436	47.70
TEXAS	32,600	13,907	1,166	8,994	64.67
UTAH	2,644	754	779	497	65.92
VERMONT	1,946	1,083	1,521	1,041	96.12
VIRGINIA	10,203	5,918	1,585	5,570	94.12
WASHINGTON	7,270	4,313	1,621	10,131	234.89
WEST VIRGINIA	6,370	3,095	1,328	5,435	175.61
WISCONSIN	12,960	4,176	880	4,250	101.77
WYOMING	2,267	426	513	227	53.29
SUBTOTAL	386,114	167,983	1,189	163,847	97.54
INCOMPLETE DATA					
SOUTH CAROLINA					
TENNESSEE					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-E. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988

NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	1	4	10.929	0	0.00	ALABAMA	224	343	4.184	517	150.73
ALASKA	-	-	-	-	-	ALASKA	4	5	3.415	24	480.00
ARIZONA	15	18	3.279	0	0.00	ARIZONA	33	122	10.101	87	71.31
ARKANSAS	363	188	1.415	99	52.66	ARKANSAS	404	484	3.273	408	84.30
CALIFORNIA	17	18	2.893	13	72.22	CALIFORNIA	1,274	4,534	9.724	5,176	114.16
COLORADO	7	6	2,342	0	0.00	COLORADO	24	12	1.366	0	0.00
CONNECTICUT	9	23	6.982	19	82.61	CONNECTICUT	34	205	16.474	240	117.07
DELAWARE	1	9	24,590	0	0.00	DELAWARE	4	10	6.831	0	0.00
DIST. OF COL.	-	-	-	-	-	DIST. OF CO	12	67	15.255	190	283.58
FLORIDA	358	1,288	9.830	11,421	886.72	FLORIDA	386	2,931	20.747	259	8.84
GEORGIA	-	-	-	-	-	GEORGIA	11	30	7.452	0	0.00
HAWAII	10	25	6.831	0	0.00	HAWAII	-	-	-	-	-
IDAHO	-	-	-	-	-	IDAHO	53	118	5.083	84	71.19
ILLINOIS	-	-	-	-	-	ILLINOIS	34	43	3.455	137	318.60
INDIANA	-	-	-	-	-	INDIANA	56	176	8.587	5,121	2,909.66
IOWA	-	-	-	-	-	IOWA	9	14	4.250	0	0.00
KANSAS	-	-	-	-	-	KANSAS	207	558	7.365	1,782	319.35
KENTUCKY	-	-	-	-	-	KENTUCKY	-	-	-	-	-
LOUISIANA	10	2	546	0	0.00	LOUISIANA	284	969	9.322	326	33.64
MAINE	1	2	5,464	1	50.00	MAINE	3	6	5,464	26	433.33
MARYLAND	-	-	-	-	-	MARYLAND	9	49	14.876	30	61.22
MASSACHUSETTS	-	-	-	-	-	MASSACHUSETTS	4	24	16.393	10	41.67
MICHIGAN	-	-	-	-	-	MICHIGAN	489	497	2,777	334	67.20
MINNESOTA	-	-	-	-	-	MINNESOTA	-	-	-	-	-
MISSISSIPPI	267	95	972	8	8.42	MISSISSIPPI	14	23	4,489	0	0.00
MISSOURI	-	-	-	-	-	MISSOURI	514	1,354	7,197	1,077	79.54
MONTANA	50	10	546	0	0.00	MONTANA	32	47	4,013	121	257.45
NEBRASKA	-	-	-	-	-	NEBRASKA	-	-	-	-	-
NEVADA	-	-	-	-	-	NEVADA	25	129	14,096	0	0.00
NEW HAMPSHIRE	19	147	21,139	5	3.40	NEW HAMPSHIRE	19	150	21,570	25	16.67
NEW JERSEY	121	777	17,545	654	84.17	NEW JERSEY	262	1,989	20,742	638	32.08
NEW MEXICO	-	-	-	-	-	NEW MEXICO	152	545	9,797	984	180.55
NEW YORK	-	-	-	-	-	NEW YORK	112	515	12,563	0	0.00
NORTH CAROLINA	257	129	1,371	65	50.39	NORTH CAROLINA	898	1,811	5,510	981	54.17
NORTH DAKOTA	2	1	1,366	0	0.00	NORTH DAKOTA	1	1	2,732	0	0.00
OHIO	-	-	-	-	-	OHIO	-	-	-	-	-
OKLAHOMA	224	348	4,245	44	12.64	OKLAHOMA	167	58	949	53	91.38
OREGON	169	136	2,199	86	63.24	OREGON	53	92	4,743	85	92.39
PENNSYLVANIA	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	3	1	911	0	0.00	RHODE ISLAND	14	24	4,684	0	0.00
TEXAS	6	28	12,750	0	0.00	TEXAS	1,899	6,147	8,844	1,129	18.37
UTAH	34	11	884	1	9.09	UTAH	41	35	2,332	66	188.57
VERMONT	-	-	-	-	-	VERMONT	-	-	-	-	-
VIRGINIA	310	223	1,965	0	0.00	VIRGINIA	125	847	18,514	81	9.56
WASHINGTON	-	-	-	-	-	WASHINGTON	10	31	8,470	0	0.00
WEST VIRGINIA	-	-	-	-	-	WEST VIRGINIA	-	-	-	-	-
WISCONSIN	3	2	1,821	0	0.00	WISCONSIN	108	206	5,211	133	64.56
WYOMING	253	107	1,156	62	57.94	WYOMING	2	1	1,366	0	0.00
SUBTOTAL	2,510	3,598	3,917	12,478	346.80	SUBTOTAL	8,006	25,202	8,601	20,124	79.85
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH CAROLINA	-	-	-	-	-	SOUTH CAROLINA	-	-	-	-	-
SOUTH DAKOTA	-	-	-	-	-	SOUTH DAKOTA	-	-	-	-	-
TENNESSEE	-	-	-	-	-	TENNESSEE	-	-	-	-	-

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-G. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1988

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	48.584	3.556	200	3.681	103.52	ALABAMA	12.258	4.422	986	6.412	145.00
ALASKA	5.652	388	188	841	216.75	ALASKA	1.362	469	941	35	7.46
ARIZONA	47.324	2.191	126	2.148	98.04	ARIZONA	7.799	3.575	1,252	4,699	131.44
ARKANSAS	44.950	1.051	64	875	83.25	ARKANSAS	4.803	622	354	1,526	245.34
CALIFORNIA	57.692	3.434	163	12,128	353.17	CALIFORNIA	47.086	11,944	693	18,780	157.23
COLORADO	42.072	820	53	1,058	129.02	COLORADO	7.603	3,506	1,260	1,971	56.22
CONNECTICUT	6.086	944	424	1,139	120.66	CONNECTICUT	6.813	1,732	895	4,434	256.00
DELAWARE	2.723	461	463	548	118.87	DELAWARE	1.089	509	1,277	606	119.06
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	659	339	1,406	810	238.94
FLORIDA	39.657	2.903	200	8.904	306.72	FLORIDA	38.152	20,608	1,476	47,005	228.11
GEORGIA	56.223	3.441	167	3,330	96.77	GEORGIA	14.477	5,722	1,080	8,040	140.51
HAWAII	1.680	530	862	437	82.45	HAWAII	924	1,137	3,362	1,407	123.75
IDAHO	46.369	840	49	1,197	142.50	IDAHO	1,398	175	342	835	477.14
ILLINOIS	76.914	3.334	118	4,497	134.88	ILLINOIS	22.174	6,993	862	28,496	407.49
INDIANA	48.796	1.913	107	5,069	264.98	INDIANA	11.836	3,432	792	3,905	113.78
IOWA	65.124	1.492	63	1,974	132.31	IOWA	5,349	1,148	586	1,993	173.61
KANSAS	83.622	1.237	40	1,841	148.83	KANSAS	6,317	1,535	664	3,067	199.80
KENTUCKY	41.652	1.942	127	3,117	160.50	KENTUCKY	4,919	1,784	991	3,512	196.86
LOUISIANA	31.269	2.153	188	3,608	167.58	LOUISIANA	8,790	4,585	1,425	12,798	279.13
MAINE	11.884	964	222	1,975	204.88	MAINE	1,436	228	434	456	200.00
MARYLAND	10.605	1.071	276	1,924	179.65	MARYLAND	8,601	1,702	541	8,945	525.56
MASSACHUSETTS	8.060	462	157	5,276	1,141.99	MASSACHUSETTS	12,948	2,812	593	22,636	804.98
MICHIGAN	59.197	2.535	117	16,049	633.10	MICHIGAN	17,754	3,948	608	39,037	988.78
MINNESOTA	77.802	2.459	86	2,913	118.46	MINNESOTA	9,704	2,652	747	3,061	115.42
MISSISSIPPI	44.013	2.710	168	1,160	42.80	MISSISSIPPI	5,054	1,595	862	1,497	93.86
MISSOURI	73.686	3.195	118	6,968	218.09	MISSOURI	10,718	1,242	317	9,019	726.17
MONTANA	46.570	789	46	575	72.88	MONTANA	1,601	680	1,160	1,712	251.76
NEBRASKA	59.496	1,224	56	1,546	128.31	NEBRASKA	3,584	651	496	1,203	184.79
NEVADA	34.710	300	24	170	56.67	NEVADA	2,028	595	802	1,294	217.48
NEW HAMPSHIRE	8.679	542	171	1,338	246.86	NEW HAMPSHIRE	1,440	259	491	297	114.67
NEW JERSEY	7.699	867	308	2,735	315.46	NEW JERSEY	15,797	10,763	1,862	12,825	119.16
NEW MEXICO	38.506	2.076	147	1,354	65.22	NEW MEXICO	3,344	679	555	2,453	361.27
NEW YORK	48.706	3,343	188	24,813	736.25	NEW YORK	25,666	8,151	868	33,305	408.60
NORTH CAROLINA	50.924	4,190	225	0	0.00	NORTH CAROLINA	12,948	6,768	1,428	0	0.00
NORTH DAKOTA	60.012	680	31	443	65.15	NORTH DAKOTA	1,092	295	738	648	219.66
OHIO	57.324	6,987	333	8,688	124.35	OHIO	21,087	10,401	1,348	20,100	193.25
OKLAHOMA	68.977	1,796	71	2,538	141.31	OKLAHOMA	7,869	3,104	1,078	3,841	123.74
OREGON	62.736	1,446	63	715	49.45	OREGON	5,899	1,046	484	1,759	168.16
PENNSYLVANIA	63.049	5,514	239	9,055	164.22	PENNSYLVANIA	18,112	5,195	784	24,745	476.32
RHODE ISLAND	46.943	105	304	73	69.52	RHODE ISLAND	3,149	510	443	1,021	200.20
SOUTH DAKOTA	46.974	590	34	581	96.47	SOUTH DAKOTA	1,133	253	610	401	158.60
TEXAS	142.898	4,279	82	11,730	274.13	TEXAS	66,290	25,374	1,046	62,009	244.38
UTAH	26.927	516	52	3,009	583.14	UTAH	4,082	1,649	1,037	854	55.13
VERMONT	8.799	478	148	804	168.20	VERMONT	604	262	1,185	188	71.76
VIRGINIA	33.619	3,125	254	4,104	131.33	VIRGINIA	10,359	5,002	1,319	5,012	100.20
WASHINGTON	46.584	1,070	63	5,338	498.88	WASHINGTON	11,119	2,917	717	4,940	169.35
WEST VIRGINIA	20.379	756	101	1,444	191.01	WEST VIRGINIA	1,907	309	443	179	57.93
WISCONSIN	66.399	3,050	126	5,012	164.33	WISCONSIN	9,626	4,942	1,403	12,074	244.31
WYOMING	24.677	360	40	353	98.06	WYOMING	1,175	156	363	303	194.23
SUBTOTAL	2,057.223	90.109	120	176.875	198.51	SUBTOTAL	499.934	178.275	974	426.145	239.04
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH CAROLINA						SOUTH CAROLINA					
TENNESSEE						TENNESSEE					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 5-A. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1988

FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	625	3,951	17,272	67	1.70	ALABAMA	258	3,321	35,170	37	1.11
ALASKA	1,039	655	1,722	24	3.66	ALASKA	50	384	20,984	3	0.78
ARIZONA	1,039	4,449	11,699	127	2.85	ARIZONA	123	2,191	48,669	23	1.05
ARKANSAS	419	2,425	15,813	42	1.73	ARKANSAS	123	1,522	33,809	19	1.25
CALIFORNIA	1,412	12,630	24,246	255	2.04	CALIFORNIA	978	47,821	133,598	398	0.83
COLORADO	789	3,082	10,673	62	2.01	COLORADO	152	3,328	59,822	35	1.05
CONNECTICUT	109	1,369	34,316	6	0.44	CONNECTICUT	233	6,381	74,826	51	0.80
DELAWARE	-	-	-	-	-	DELAWARE	41	902	60,109	21	2.33
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	429	97,678	7	1.63
FLORIDA	993	7,836	21,551	197	2.51	FLORIDA	396	9,391	64,794	83	0.88
GEORGIA	884	7,954	24,584	88	1.11	GEORGIA	360	9,092	69,004	62	0.90
HAWAII	5	82	44,809	0	0.00	HAWAII	34	1,176	94,503	11	0.94
IDAHO	534	1,381	7,066	35	2.53	IDAHO	71	468	18,010	3	0.64
ILLINOIS	1,417	6,866	13,239	90	1.31	ILLINOIS	522	12,149	63,590	116	0.95
INDIANA	851	5,511	17,694	83	1.51	INDIANA	266	4,479	46,006	15	0.33
IOWA	650	3,119	13,111	37	1.19	IOWA	132	1,251	25,894	10	0.80
KANSAS	711	2,285	8,781	31	1.36	KANSAS	159	1,820	31,275	17	0.93
KENTUCKY	579	4,271	20,154	75	1.76	KENTUCKY	184	3,230	47,963	19	0.59
LOUISIANA	571	4,051	19,432	58	1.43	LOUISIANA	180	3,142	47,693	38	1.21
MAINE	313	1,602	13,984	24	1.50	MAINE	53	473	24,384	5	1.06
MARYLAND	169	2,571	41,566	28	1.09	MARYLAND	224	7,301	89,054	51	0.70
MASSACHUSETTS	170	2,127	34,185	17	0.80	MASSACHUSETTS	394	10,665	73,958	47	0.44
MICHIGAN	766	5,392	19,233	59	1.09	MICHIGAN	445	10,495	64,438	67	0.64
MINNESOTA	698	2,656	10,151	25	0.98	MINNESOTA	217	4,441	55,916	21	0.47
MISSISSIPPI	560	2,443	11,919	54	2.21	MISSISSIPPI	124	1,113	24,524	25	2.25
MISSOURI	843	4,689	15,197	66	1.41	MISSOURI	334	7,707	63,046	81	1.05
MONTANA	1,144	1,651	3,943	26	1.57	MONTANA	47	153	8,894	5	3.27
NEBRASKA	444	1,751	10,775	27	1.54	NEBRASKA	37	583	43,051	6	1.03
NEVADA	503	1,421	7,719	37	2.60	NEVADA	42	798	51,913	14	1.75
NEW HAMPSHIRE	180	1,277	19,384	17	1.33	NEW HAMPSHIRE	44	622	38,624	4	0.64
NEW JERSEY	125	1,848	40,393	15	0.81	NEW JERSEY	267	8,548	87,473	79	0.92
NEW MEXICO	904	3,085	9,324	77	2.50	NEW MEXICO	95	1,019	29,307	16	1.57
NEW YORK	855	5,323	17,010	41	0.77	NEW YORK	646	13,235	55,977	116	0.88
NORTH CAROLINA	615	5,221	23,195	87	1.67	NORTH CAROLINA	221	2,833	35,025	29	1.02
NORTH DAKOTA	530	842	4,341	10	1.19	NORTH DAKOTA	40	152	10,383	2	1.32
OHIO	847	7,550	24,355	47	0.62	OHIO	718	13,971	53,164	101	0.72
OKLAHOMA	723	3,615	13,661	53	1.47	OKLAHOMA	204	3,050	40,850	27	0.89
OREGON	595	3,248	14,915	37	1.14	OREGON	132	2,578	53,361	10	0.39
PENNSYLVANIA	1,142	7,244	17,331	65	0.90	PENNSYLVANIA	386	6,424	45,471	79	1.23
RHODE ISLAND	21	199	25,891	1	0.50	RHODE ISLAND	49	988	55,091	13	1.32
SOUTH CAROLINA	673	5,217	21,180	45	0.86	SOUTH CAROLINA	117	1,978	46,191	11	0.56
SOUTH DAKOTA	631	1,275	5,521	25	1.96	SOUTH DAKOTA	46	204	12,117	1	0.49
TENNESSEE	787	6,227	21,618	94	1.51	TENNESSEE	275	5,259	52,250	74	1.41
TEXAS	2,277	10,962	13,154	273	2.49	TEXAS	930	21,276	62,507	280	1.32
UTAH	771	1,921	6,808	56	2.92	UTAH	140	2,343	45,726	15	0.64
VERMONT	300	1,000	9,107	18	1.80	VERMONT	20	131	17,896	0	0.00
VIRGINIA	771	6,518	23,098	77	1.18	VIRGINIA	298	7,558	69,296	60	0.79
WASHINGTON	519	3,311	17,431	46	1.39	WASHINGTON	244	6,808	76,234	50	0.73
WEST VIRGINIA	429	2,324	14,801	33	1.42	WEST VIRGINIA	90	966	29,326	9	0.93
WISCONSIN	517	3,504	18,518	27	0.77	WISCONSIN	123	2,366	52,557	11	0.46
WYOMING	864	1,543	4,879	42	2.72	WYOMING	50	147	8,033	4	2.72
SUBTOTAL	33,303	181,284	14,873	2,826	1.56	SUBTOTAL	11,326	258,662	62,399	2,301	0.89
INCOMPLETE DATA						INCOMPLETE DATA					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-B. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1988
OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER		RATE 1/	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	5,884	7,973	3,702	286	3.61	858	4,722	15,037	116	2.46	
ALASKA	947	424	1,223	7	1.65	38	1,178	12,798	6	9.37	
ARIZONA	3,270	3,868	3,232	168	4.34	230	1,715	20,373	36	2.10	
ARKANSAS	4,736	5,069	2,924	209	4.12	477	2,071	11,863	34	1.64	
CALIFORNIA	9,530	21,296	6,106	928	4.36	1,556	39,651	69,625	463	1.17	
COLORADO	3,836	3,941	2,807	111	2.82	455	3,950	22,625	53	1.47	
CONNECTICUT	688	2,270	9,015	60	2.64	577	4,782	22,691	68	1.42	
DELAWARE	334	1,737	14,209	43	2.48	101	889	24,049	23	2.59	
DIST. OF COL.											
FLORIDA	5,767	13,016	6,167	875	6.72	178	1,772	27,200	35	1.98	
GEORGIA	8,593	11,278	3,594	412	3.65	2,288	19,389	23,166	260	1.34	
HAWAII	386	1,065	7,500	49	4.60	1,519	8,890	15,991	219	2.46	
ILLINOIS	7,739	1,924	2,005	69	3.59	47	1,457	32,104	28	1.92	
INDIANA	4,198	9,065	3,200	313	3.45	1,902	12,654	18,178	4	2.22	
IOWA	8,102	6,305	5,918	312	3.43	774	4,222	14,904	60	1.42	
KANSAS	7,724	1,964	2,126	193	3.06	705	2,271	8,801	52	2.29	
KENTUCKY	3,349	5,563	1,964	153	2.76	329	1,490	12,374	16	1.07	
LOUISIANA	2,646	4,723	4,557	192	3.44	468	2,674	15,611	30	1.12	
MAINE	1,823	3,095	4,639	217	4.59	195	3,646	20,004	34	0.93	
MARYLAND	1,639	6,239	10,401	152	2.44	185	886	13,085	9	1.02	
MASSACHUSETTS	1,013	3,195	8,617	37	1.16	1,201	11,173	25,418	118	2.10	
MICHIGAN	6,246	11,435	5,002	356	3.11	982	10,570	29,409	99	0.89	
MINNESOTA	8,680	7,439	2,942	165	2.23	623	10,564	16,157	167	1.58	
MISSISSIPPI	5,420	5,839	2,943	247	4.23	342	1,548	12,367	38	1.03	
MISSOURI	6,446	8,646	3,665	304	3.52	547	3,895	19,006	35	2.26	
MONTANA	5,352	2,389	1,220	83	3.47	105	3,395	10,278	49	1.29	
NEBRASKA	6,927	5,996	1,576	81	2.03	267	1,277	13,668	7	1.77	
NEVADA	1,788	2,324	1,966	55	1.26	80	1,486	22,222	8	1.41	
NEW HAMPSHIRE	911	3,246	6,635	34	1.46	169	1,097	17,735	15	1.37	
NEW JERSEY	3,347	2,746	11,616	106	3.15	661	10,085	41,686	153	2.42	
NEW MEXICO	6,407	2,744	2,240	111	4.05	227	1,074	12,927	26	1.86	
NEW YORK	8,844	10,673	4,551	362	3.30	1,985	20,699	28,491	386	1.12	
NORTH CAROLINA	5,402	6,609	6,119	263	3.05	661	4,837	19,994	54	1.12	
NORTH DAKOTA	4,999	1,708	864	32	1.87	137	445	8,875	5	1.12	
OHIO	4,875	9,882	5,407	290	3.06	1,581	8,301	14,346	179	2.16	
OKLAHOMA	4,659	5,551	3,298	170	4.83	438	2,724	16,992	26	0.95	
OREGON	7,795	15,593	5,466	272	3.72	393	2,705	18,813	45	1.66	
PENNSYLVANIA	158	386	6,675	580	3.89	238	1,542	17,702	284	1.43	
RHODE ISLAND	4,959	8,049	4,435	15	3.70	712	4,439	17,034	29	0.65	
SOUTH CAROLINA	5,704	2,159	1,034	46	4.27	418	951	6,216	16	1.68	
SOUTH DAKOTA	5,198	8,431	4,432	360	2.67	907	5,786	17,430	126	2.18	
TENNESSEE	14,828	21,605	3,981	577	4.07	1,921	18,525	26,348	279	1.51	
TEXAS	2,490	1,645	1,805	67	2.56	106	1,593	15,285	14	2.36	
UTAH	1,047	1,523	3,974	39	3.14	73	300	11,228	3	1.00	
VERMONT	4,736	10,324	5,962	324	3.77	106	5,452	23,023	71	1.30	
VIRGINIA	4,387	4,933	3,072	186	4.47	661	4,976	19,625	55	1.18	
WEST VIRGINIA	2,251	3,488	4,234	156	4.47	191	4,970	13,676	16	1.86	
WISCONSIN	8,327	10,518	3,451	272	2.59	949	5,805	16,137	59	1.06	
WYOMING	2,866	1,445	1,378	42	2.91	125	392	8,568	7	1.79	
SUBTOTAL	225,724	306,436	3,733	10,748	3.48	33,343	272,160	22,302	4,252	1.56	
INCOMPLETE DATA											
INCOMPLETE DATA					INCOMPLETE DATA						

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-D. FATALITIES
BY STATE AND HIGHWAY SYSTEM - 1988
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11,484	4,305	1,024	165	3.83
ALASKA	1,951	481	674	14	2.91
ARIZONA	3,294	2,522	2,092	104	4.12
ARKANSAS	7,249	1,989	750	75	3.77
CALIFORNIA	11,064	9,788	2,417	519	5.30
COLORADO	3,411	1,430	1,145	50	3.50
CONNECTICUT	902	1,439	4,359	40	2.78
DELAWARE	602	625	2,837	26	4.16
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,391	2,728	1,697	159	5.83
GEORGIA	14,008	5,723	1,116	287	5.01
HAWAII	455	445	2,672	18	4.04
IDAHO	4,194	1,143	745	54	4.72
ILLINOIS	12,957	3,398	717	189	5.56
INDIANA	9,593	10,308	2,936	192	1.86
IOWA	13,506	2,370	479	114	4.81
KANSAS	22,605	2,637	319	84	3.19
KENTUCKY	7,320	4,878	1,821	247	5.06
LOUISIANA	7,353	4,876	1,812	278	5.70
MAINE	2,742	1,732	1,726	55	3.18
MARYLAND	1,907	2,136	3,060	78	3.65
MASSACHUSETTS	2,007	1,657	2,256	38	2.29
MICHIGAN	17,106	9,797	1,565	235	2.40
MINNESOTA	16,619	3,602	592	125	3.47
MISSISSIPPI	11,718	3,417	797	152	4.45
MISSOURI	18,062	4,981	753	290	5.82
MONTANA	4,732	805	465	20	2.48
NEBRASKA	11,449	1,235	295	32	2.59
NEVADA	2,315	721	851	51	7.07
NEW HAMPSHIRE	1,235	1,187	2,626	26	2.19
NEW JERSEY	1,723	2,936	4,656	78	2.66
NEW MEXICO	3,936	1,161	806	68	5.86
NEW YORK	6,308	5,232	2,266	185	3.54
NORTH CAROLINA	10,297	10,170	2,699	414	4.07
NORTH DAKOTA	10,577	760	196	20	2.63
OHIO	11,649	8,376	1,965	285	3.40
OKLAHOMA	11,663	3,878	908	100	2.58
OREGON	7,811	2,594	907	120	4.63
PENNSYLVANIA	7,978	5,773	1,977	216	3.74
RHODE ISLAND	203	162	2,180	11	6.79
SOUTH CAROLINA	8,519	4,419	1,417	18	0.41
SOUTH DAKOTA	11,478	914	218	30	3.28
TENNESSEE	5,448	3,027	1,518	165	5.45
TEXAS	32,600	13,907	1,166	594	4.27
UTAH	2,644	754	779	20	2.65
VERMONT	1,946	1,083	1,521	34	3.14
VIRGINIA	10,203	5,918	1,585	214	3.62
WASHINGTON	7,270	4,313	1,621	137	3.18
WEST VIRGINIA	6,370	3,095	1,328	165	5.33
WISCONSIN	12,960	4,176	890	162	3.88
WYOMING	2,267	426	513	18	4.23
SUBTOTAL	400,081	175,429	1,198	6,771	3.86
INCOMPLETE DATA					
1/ FATALITIES PER 100 MILLION VEHICLE MILES.					

TABLE 5-E. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1988
NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	1	4	10,929	0	0.00	ALABAMA	224	343	4,184	6	1.75
ALASKA	-	-	-	-	-	ALASKA	4	5	3,415	0	0.00
ARIZONA	15	18	3,279	0	0.00	ARIZONA	33	122	10,101	1	0.82
ARKANSAS	363	188	1,415	7	3.72	ARKANSAS	404	484	3,273	11	2.27
CALIFORNIA	17	18	2,893	2	11.11	CALIFORNIA	1,274	4,534	9,724	78	1.72
COLORADO	7	6	2,342	0	0.00	COLORADO	24	12	1,366	0	0.00
CONNECTICUT	9	23	6,982	3	13.04	CONNECTICUT	34	205	16,474	3	1.46
DELAWARE	1	9	24,590	0	0.00	DELAWARE	4	10	6,831	0	0.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	67	15,255	2	2.99
FLORIDA	358	1,288	9,830	242	18.79	FLORIDA	386	2,931	20,747	36	1.23
GEORGIA	-	-	-	-	-	GEORGIA	11	30	7,452	0	0.00
HAWAII	10	25	6,831	0	0.00	HAWAII	-	-	-	-	-
IDAHO	-	-	-	-	-	IDAHO	53	118	6,083	0	0.00
ILLINOIS	-	-	-	-	-	ILLINOIS	34	43	3,455	2	4.65
INDIANA	-	-	-	-	-	INDIANA	56	176	8,587	53	30.11
IOWA	-	-	-	-	-	IOWA	9	14	4,250	0	0.00
KANSAS	-	-	-	-	-	KANSAS	207	558	7,365	17	3.05
KENTUCKY	-	-	-	-	-	KENTUCKY	-	-	-	-	-
LOUISIANA	10	2	546	0	0.00	LOUISIANA	284	969	9,322	1	0.10
MAINE	1	2	5,464	0	0.00	MAINE	3	6	5,464	0	0.00
MARYLAND	-	-	-	-	-	MARYLAND	9	49	14,876	1	2.04
MASSACHUSETTS	-	-	-	-	-	MASSACHUSETTS	4	24	16,393	0	0.00
MICHIGAN	-	-	-	-	-	MICHIGAN	489	497	2,777	3	0.60
MINNESOTA	-	-	-	-	-	MINNESOTA	-	-	-	-	-
MISSISSIPPI	267	95	972	3	3.16	MISSISSIPPI	14	23	4,489	1	4.35
MISSOURI	-	-	-	-	-	MISSOURI	514	1,354	7,197	18	1.33
MONTANA	50	10	546	0	0.00	MONTANA	32	47	4,013	1	2.13
NEBRASKA	-	-	-	-	-	NEBRASKA	-	-	-	-	-
NEVADA	-	-	-	-	-	NEVADA	25	129	14,098	0	0.00
NEW HAMPSHIRE	19	147	21,139	0	0.00	NEW HAMPSHIRE	19	150	21,570	1	0.67
NEW JERSEY	121	777	17,545	26	3.35	NEW JERSEY	262	1,989	20,742	13	0.65
NEW MEXICO	-	-	-	-	-	NEW MEXICO	152	545	9,797	6	1.10
NEW YORK	-	-	-	-	-	NEW YORK	112	515	12,563	1	0.19
NORTH CAROLINA	257	129	1,371	5	3.88	NORTH CAROLINA	898	1,811	5,510	15	0.83
NORTH DAKOTA	2	1	1,366	0	0.00	NORTH DAKOTA	1	1	2,732	0	0.00
OHIO	-	-	-	-	-	OHIO	-	-	-	-	-
OKLAHOMA	224	348	4,245	2	0.57	OKLAHOMA	167	58	949	2	3.45
OREGON	169	136	2,199	1	0.74	OREGON	53	92	4,743	2	2.17
PENNSYLVANIA	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	3	1	911	0	0.00	RHODE ISLAND	14	24	4,684	0	0.00
TEXAS	6	28	12,750	0	0.00	TEXAS	262	512	5,339	1	0.20
UTAH	34	11	684	0	0.00	SOUTH CAROLINA	-	-	-	-	-
VERMONT	-	-	-	-	-	TENNESSEE	1	4	10,929	0	0.00
VIRGINIA	310	223	1,965	0	0.00	TEXAS	1,899	6,147	8,844	17	0.28
WASHINGTON	-	-	-	-	-	UTAH	41	35	2,332	0	0.00
WEST VIRGINIA	-	-	-	-	-	VERMONT	-	-	-	-	-
WISCONSIN	3	2	1,821	0	0.00	VIRGINIA	125	847	18,514	3	0.35
WYOMING	253	107	1,156	4	3.74	WASHINGTON	10	31	8,470	0	0.00
SUBTOTAL	2,510	3,598	3,917	295	8.20	WEST VIRGINIA	-	-	-	-	-
INCOMPLETE DATA						WISCONSIN	108	206	5,211	4	1.94
SOUTH CAROLINA	-	-	-	-	-	WYOMING	2	1	1,366	0	0.00
SOUTH DAKOTA	-	-	-	-	-	SUBTOTAL	8,269	25,718	8,498	299	1.16
TENNESSEE	-	-	-	-	-	INCOMPLETE DATA					
						SOUTH DAKOTA					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-F. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1988
NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		
				NUMBER	RATE 1/					NUMBER	RATE 1/	
COMPLETE DATA						COMPLETE DATA						
ALABAMA	6.996	1.148	448	25	2.18	ALABAMA	465	289	1,698	5	1.73	
ALASKA	840	143	465	9	6.29	ALASKA	53	53	2,732	3	5.66	
ARIZONA	3.825	600	429	4	0.67	ARIZONA	324	138	1,164	1	0.72	
ARKANSAS	11.723	1,514	353	86	5.68	ARKANSAS	704	282	1,094	6	2.13	
CALIFORNIA	11.661	4,010	940	198	4.94	CALIFORNIA	2,682	4,996	5,090	82	1.64	
COLORADO	15.907	1,678	288	56	3.34	COLORADO	606	629	2,836	14	2.23	
CONNECTICUT	1.194	503	1,151	20	3.98	CONNECTICUT	196	166	2,314	8	4.82	
DELAWARE	158	72	1,245	4	5.56	DELAWARE	23	11	1,307	1	9.09	
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	4	10	6,831	0	0.00	
FLORIDA	5.492	1,718	855	100	5.82	FLORIDA	2,119	2,488	3,208	0	0.00	
GEORGIA	7.362	931	346	60	6.44	GEORGIA	1	1	2,732	0	0.00	
HAWAII	198	183	3,623	0	0.00	HAWAII	1	3	8,197	0	0.00	
IDAHO	4,548	314	189	1	0.32	IDAHO	104	106	2,785	0	0.00	
ILLINOIS	4,902	1,975	1,101	58	2.94	ILLINOIS	192	194	2,761	8	4.12	
INDIANA	10,410	1,687	443	42	2.49	INDIANA	228	224	2,684	20	8.93	
IOWA	16,398	714	119	32	4.48	IOWA	75	41	1,494	0	0.00	
KANSAS	9,406	284	82	27	9.51	KANSAS	295	252	2,334	7	2.78	
KENTUCKY	9,351	1,894	553	102	5.39	KENTUCKY	107	119	3,039	0	0.00	
LOUISIANA	4,306	1,371	870	67	4.89	LOUISIANA	349	418	3,272	1	0.24	
MAINE	2,790	943	923	24	2.55	MAINE	31	20	1,763	0	0.00	
MARYLAND	1,894	748	1,079	44	5.88	MARYLAND	492	556	3,088	18	3.24	
MASSACHUSETTS	1,950	391	548	23	5.88	MASSACHUSETTS	156	142	2,487	1	0.70	
MICHIGAN	7,584	1,608	579	59	3.67	MICHIGAN	1,681	1,102	1,791	7	0.64	
MINNESOTA	11,905	1,068	245	47	4.40	MINNESOTA	1,203	1,777	4,036	28	1.58	
MISSISSIPPI	2,934	333	310	15	4.50	MISSISSIPPI	2	1	1,366	0	0.00	
MISSOURI	5,465	374	187	13	3.48	MISSOURI	839	869	2,895	6	0.67	
MONTANA	11,363	451	108	14	3.10	MONTANA	115	75	1,782	0	0.00	
NEBRASKA	9,236	277	82	6	2.17	NEBRASKA	-	-	-	-	-	
NEVADA	2,464	161	179	8	4.97	NEVADA	339	415	3,345	0	0.00	
NEW HAMPSHIRE	1,239	383	845	9	2.35	NEW HAMPSHIRE	3	3	2,732	0	0.00	
NEW JERSEY	1,285	960	2,041	30	3.13	NEW JERSEY	94	98	2,849	4	4.08	
NEW MEXICO	2,638	246	255	17	6.91	NEW MEXICO	220	293	3,639	13	4.44	
NEW YORK	10,795	5,586	1,414	131	2.35	NEW YORK	384	566	4,027	4	0.71	
NORTH CAROLINA	9,305	3,490	1,025	177	5.07	NORTH CAROLINA	1,039	730	1,920	10	1.37	
NORTH DAKOTA	8,010	233	79	3	1.29	NORTH DAKOTA	21	11	1,431	0	0.00	
OHIO	7,293	2,218	831	77	3.47	OHIO	-	-	-	-	-	
OKLAHOMA	12,836	1,016	216	41	4.04	OKLAHOMA	452	247	1,493	6	2.43	
OREGON	8,920	778	238	20	2.57	OREGON	220	268	3,328	2	0.75	
PENNSYLVANIA	8,418	2,604	845	87	3.34	PENNSYLVANIA	-	-	-	-	-	
RHODE ISLAND	140	52	1,015	0	0.00	RHODE ISLAND	4	2	1,366	0	0.00	
SOUTH CAROLINA	4,005	609	415	125	20.53	SOUTH CAROLINA	620	429	1,891	51	11.89	
SOUTH DAKOTA	6,874	161	64	5	3.11	TENNESSEE	14	9	1,756	0	0.00	
TENNESSEE	10,762	2,200	559	91	4.14	TEXAS	5,238	5,957	3,107	2	0.03	
TEXAS	23,868	2,933	336	110	3.75	UTAH	91	46	1,381	1	2.17	
UTAH	4,688	224	131	2	0.89	VERMONT	-	-	-	-	-	
VERMONT	1,019	194	520	8	4.12	VIRGINIA	-	-	-	-	-	
VIRGINIA	2,408	466	529	27	5.79	WASHINGTON	42	160	10,409	0	0.00	
WASHINGTON	6,539	1,666	696	33	1.98	WEST VIRGINIA	3	1	911	0	0.00	
WEST VIRGINIA	2,170	333	419	11	3.30	WISCONSIN	511	514	2,748	4	0.78	
WISCONSIN	7,159	1,168	446	45	3.85	WYOMING	18	11	1,670	0	0.00	
WYOMING	7,685	450	160	21	4.67							
SUBTOTAL	330,258	55,063	456	2,214	4.02	SUBTOTAL	22,360	24,742	3,023	313	1.27	
INCOMPLETE DATA						INCOMPLETE DATA						
						SOUTH DAKOTA						

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-G. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1988
NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL			STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
								NUMBER	RATE 1/
COMPLETE DATA	48,584	3,556	200	12,258	4,422	986	81	1.83	
ALABAMA	5,532	398	142	1,459	459	94	0	1.82	
ALASKA	47,324	2,091	126	7,796	3,575	1,252	55	1.84	
ARIZONA	4,350	1,091	184	4,688	1,722	554	12	1.83	
ARKANSAS	57,652	3,434	183	47,086	11,544	693	255	2.33	
CALIFORNIA	42,072	820	53	7,603	3,566	1,260	13	0.37	
COLORADO	6,066	944	424	6,813	1,532	395	4	0.59	
CONNECTICUT	2,723	461	453	1,089	509	1,277	3	0.88	
DELAWARE	39,657	2,903	200	36,152	20,606	1,406	366	2.06	
FLORIDA	56,223	3,441	167	14,477	5,722	1,080	116	2.06	
GEORGIA	1,660	530	82	1,137	1,137	362	1	0.97	
HAWAII	46,369	840	49	1,396	175	342	9	5.14	
IDAHO	76,914	3,334	118	22,174	6,993	962	178	2.58	
ILLINOIS	48,796	1,913	107	11,836	3,432	792	20	0.58	
INDIANA	65,124	1,452	63	5,349	1,148	586	13	1.13	
IOWA	83,622	1,237	40	6,317	1,535	664	17	1.11	
KANSAS	41,652	1,942	127	4,919	1,784	991	21	1.18	
KENTUCKY	31,289	2,153	188	8,790	4,585	1,425	4	0.89	
LOUISIANA	11,884	964	222	1,436	228	434	0	0.00	
MAINE	10,605	1,071	45	8,601	1,702	541	53	3.11	
MARYLAND	8,060	462	157	17,948	2,812	593	146	5.19	
MASSACHUSETTS	59,197	2,535	117	12,548	3,948	608	105	2.66	
MICHIGAN	77,802	2,459	86	17,754	3,548	747	20	0.75	
MINNESOTA	44,013	2,710	168	9,704	2,652	862	28	1.76	
MISSISSIPPI	73,686	3,195	118	5,054	1,595	317	49	3.95	
MISSOURI	46,570	789	46	10,718	1,242	680	3	0.44	
MONTANA	59,496	1,224	56	1,601	280	1,160	3	0.44	
NEBRASKA	34,710	300	24	3,584	651	496	13	2.00	
NEVADA	8,679	542	171	2,028	595	802	13	2.18	
NEW HAMPSHIRE	7,699	867	308	15,797	259	491	7	2.70	
NEW JERSEY	38,505	2,076	147	4,440	1,763	1,862	113	1.05	
NEW MEXICO	48,705	3,343	161	15,797	8,151	555	19	2.80	
NEW YORK	50,924	4,130	188	3,344	679	868	151	1.85	
NORTH CAROLINA	60,012	2,225	225	25,666	8,151	868	137	2.02	
NORTH DAKOTA	57,324	680	31	12,948	6,768	1,428	5	1.69	
OHIO	68,977	6,987	333	21,087	10,401	1,348	186	1.79	
OKLAHOMA	62,736	1,796	71	7,869	3,104	1,078	43	1.82	
OREGON	63,043	5,514	63	5,899	6,195	484	19	4.41	
PENNSYLVANIA	36,219	1,05	239	18,112	510	443	11	2.16	
RHODE ISLAND	46,974	2,075	304	3,149	645	274	55	6.63	
SOUTH CAROLINA	46,351	1,561	157	6,442	253	610	0	0.00	
SOUTH DAKOTA	142,698	4,279	92	10,764	3,165	803	61	2.56	
TENNESSEE	26,927	4,279	82	66,290	25,374	1,046	604	2.38	
TEXAS	8,799	516	52	4,082	1,549	1,037	9	0.58	
UTAH	33,619	3,125	148	604	1,262	1,185	1	0.80	
VERMONT	46,584	1,070	63	10,359	5,002	1,319	40	0.80	
VIRGINIA	20,379	756	101	11,119	2,917	1,717	37	4.21	
WASHINGTON	56,399	3,050	126	1,907	3,309	443	13	1.27	
WEST VIRGINIA	24,677	3,360	40	9,626	4,942	1,403	28	0.57	
WISCONSIN				1,175	156	363	3	1.92	
WYOMING									
SUBTOTAL	2,139,793	93,745	120	517,140	182,085	962	3,509	1.93	
INCOMPLETE DATA									
1/ FATALITIES PER 100 MILLION VEHICLE MILES.									

TABLE 6-A. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1988

FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	625	3.951	17.272	1,140	28.85	ALABAMA	258	3.321	35.170	2,444	73.59
ALASKA	1,039	655	1,722	551	84.12	ALASKA	50	384	20.984	385	100.26
ARIZONA	1,039	4,449	11.699	2,810	63.16	ARIZONA	123	2,191	48.669	2,981	136.06
ARKANSAS	419	2,425	15.813	724	29.86	ARKANSAS	123	1,522	33.809	687	45.14
CALIFORNIA	1,412	12,530	24,246	5,121	40.87	CALIFORNIA	978	47,821	133,598	25,114	52.52
COLORADO	789	3,082	10,673	1,900	61.65	COLORADO	152	3,328	59,822	2,950	86.64
CONNECTICUT	109	1,369	34,316	476	34.77	CONNECTICUT	233	6,381	74,826	4,165	65.27
DELAWARE	-	-	-	-	-	DELAWARE	41	902	60,109	431	47.76
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	429	97,678	402	93.71
FLORIDA	993	7,836	21,561	5,732	73.15	FLORIDA	396	9,391	64,794	6,014	64.04
GEORGIA	884	7,954	24,584	2,559	32.17	GEORGIA	360	9,092	69,004	6,527	71.79
HAWAII	5	82	44,809	44	53.66	HAWAII	34	1,176	94,503	1,199	101.96
IDAHO	534	1,381	7,066	792	57.35	IDAHO	71	468	18,010	208	44.44
ILLINOIS	1,417	6,866	13,239	2,749	40.04	ILLINOIS	522	12,149	63,590	11,991	98.70
INDIANA	851	5,511	17,694	2,443	44.33	INDIANA	266	4,479	46,006	1,191	26.59
IOWA	650	3,119	13,111	764	24.50	IOWA	132	1,251	25,894	522	41.73
KANSAS	711	2,285	8,781	837	36.63	KANSAS	159	1,820	31,275	1,515	83.24
KENTUCKY	579	4,271	20,154	1,436	33.62	KENTUCKY	184	3,230	47,963	1,762	54.55
LOUISIANA	571	4,061	19,432	2,041	50.26	LOUISIANA	180	3,142	47,693	5,212	165.88
MAINE	313	1,602	13,364	886	55.31	MAINE	53	473	24,384	401	84.78
MARYLAND	169	2,571	41,566	1,093	42.51	MARYLAND	224	7,301	89,054	5,295	72.52
MASSACHUSETTS	170	2,127	34,185	216	10.16	MASSACHUSETTS	394	10,665	73,958	1,562	14.65
MICHIGAN	766	5,392	19,233	4,032	74.78	MICHIGAN	445	10,495	64,438	6,420	61.17
MINNESOTA	688	2,556	10,151	755	29.54	MINNESOTA	217	4,441	55,916	2,005	45.15
MISSISSIPPI	560	2,443	11,919	525	21.49	MISSISSIPPI	124	1,113	24,524	549	49.33
MISSOURI	843	4,689	15,197	1,501	32.01	MISSOURI	334	7,707	63,046	5,556	72.09
MONTANA	1,144	1,651	3,943	765	46.34	MONTANA	47	153	8,894	50	32.68
NEBRASKA	444	1,751	10,775	483	27.58	NEBRASKA	37	583	43,051	485	83.19
NEVADA	503	1,421	7,719	880	61.93	NEVADA	42	798	51,913	1,096	137.34
NEW HAMPSHIRE	180	1,277	19,384	281	22.00	NEW HAMPSHIRE	44	622	38,624	71	11.41
NEW JERSEY	125	1,848	40,393	417	22.56	NEW JERSEY	267	8,548	87,473	5,640	65.98
NEW MEXICO	904	3,085	9,324	1,711	55.46	NEW MEXICO	95	1,019	29,307	959	94.11
NEW YORK	855	5,323	17,010	2,800	52.60	NEW YORK	646	13,235	55,977	10,929	82.58
NORTH CAROLINA	615	5,221	23,195	2,617	50.12	NORTH CAROLINA	221	2,833	35,025	1,217	42.96
NORTH DAKOTA	530	842	4,341	222	26.37	NORTH DAKOTA	40	152	10,383	60	39.47
OHIO	847	7,550	24,355	3,017	39.96	OHIO	718	13,971	53,164	12,792	91.56
OKLAHOMA	723	3,615	13,661	940	26.00	OKLAHOMA	204	3,050	40,850	89	2.92
OREGON	595	3,248	14,915	972	29.93	OREGON	132	2,578	53,361	1,447	56.13
PENNSYLVANIA	1,142	7,244	17,331	2,788	38.49	PENNSYLVANIA	386	6,424	45,471	3,662	57.00
RHODE ISLAND	21	199	25,891	36	18.09	RHODE ISLAND	49	988	55,091	675	66.32
SOUTH DAKOTA	631	1,275	5,521	448	35.14	SOUTH DAKOTA	46	204	12,117	81	39.71
TEXAS	2,277	10,962	13,154	5,165	47.12	TEXAS	930	21,276	62,507	25,942	121.93
UTAH	771	1,921	6,808	1,198	62.36	UTAH	140	2,343	45,726	1,438	61.37
VERMONT	300	1,000	9,107	427	42.70	VERMONT	20	131	17,896	64	48.85
VIRGINIA	771	6,518	23,098	1,994	30.59	VIRGINIA	298	7,558	69,296	3,556	47.05
WASHINGTON	519	3,311	17,431	1,485	44.85	WASHINGTON	244	6,808	76,234	5,681	81.98
WEST VIRGINIA	429	2,324	14,801	1,027	44.19	WEST VIRGINIA	90	966	29,326	676	69.98
WISCONSIN	517	3,504	18,518	1,157	33.02	WISCONSIN	123	2,366	62,557	1,321	55.83
WYOMING	864	1,543	4,879	935	60.60	WYOMING	50	147	8,033	73	49.66
SUBTOTAL	31,843	169,840	14,573	72,892	42.92	SUBTOTAL	10,934	251,425	62,827	176,392	69.76
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH CAROLINA						SOUTH CAROLINA					
TENNESSEE						TENNESSEE					

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-B. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1988

OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5.884	7.973	3.702	6.501	81.54	ALABAMA	858	4.722	15.037	3.832	81.15
ALASKA	947	424	1.223	287	67.69	ALASKA	38	178	12.798	246	138.20
ARIZONA	3.270	3.868	3.232	3,717	96.10	ARIZONA	230	1,715	20.373	4,666	272.07
ARKANSAS	4.736	5.069	2.924	4,220	83.25	ARKANSAS	477	2,071	11.863	2,978	143.80
CALIFORNIA	9.530	21.296	6.106	19,622	92.14	CALIFORNIA	1,556	39,651	69.625	27,205	68.61
COLORADO	3.836	3,941	2.807	3,337	84.67	COLORADO	445	3,610	22.165	6,867	190.22
CONNECTICUT	688	2,270	9.015	2,535	111.67	CONNECTICUT	577	4,792	22.691	8,314	173.50
DELAWARE	334	1,737	14.209	1,609	92.63	DELAWARE	101	889	24.049	1,836	206.52
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	178	1,772	27.200	6,652	375.39
FLORIDA	5.767	13.016	6.167	38.003	291.97	FLORIDA	2,268	19,399	23.166	29,021	149.60
GEORGIA	8.573	11,278	3.594	13,091	116.08	GEORGIA	1,519	8,890	15.991	23,110	259.95
HAWAII	388	1,065	7.500	1,456	136.71	HAWAII	124	1,457	32.104	2,554	175.29
IDAHO	2,622	1,924	2,005	1,789	92.98	IDAHO	47	180	10.464	340	188.89
ILLINOIS	7,735	9,065	3,200	10,225	112.80	ILLINOIS	1,902	12,654	18.178	39,788	314.43
INDIANA	4,189	9,093	5,918	13,202	145.19	INDIANA	774	4,222	14,904	7,325	187.71
IOWA	8,102	6,305	2,125	4,231	67.11	IOWA	705	2,271	8,801	5,455	240.20
KANSAS	7,724	5,553	1,964	3,760	67.71	KANSAS	329	1,490	12,374	3,388	227.38
KENTUCKY	3,349	5,586	4,557	6,666	119.33	KENTUCKY	468	2,674	15,611	6,120	228.87
LOUISIANA	2,646	4,723	4,877	5,420	114.76	LOUISIANA	498	3,646	20.004	13,686	375.37
MAINE	1,823	3,095	4,639	3,822	123.49	MAINE	185	886	13.085	2,595	292.89
MARYLAND	1,639	6,239	10,401	7,600	121.81	MARYLAND	564	5,625	27.250	14,909	265.05
MASSACHUSETTS	1,013	3,195	8,617	1,471	46.04	MASSACHUSETTS	1,201	11,173	25.418	9,589	85.82
MICHIGAN	6,246	11,435	5,002	22,397	195.86	MICHIGAN	982	10,570	29.409	11,035	104.40
MINNESOTA	8,680	7,439	2,342	5,753	77.34	MINNESOTA	623	3,684	16.157	5,457	148.13
MISSISSIPPI	5,420	5,839	2,943	5,084	87.07	MISSISSIPPI	342	1,548	12.367	3,871	250.06
MISSOURI	6,446	8,646	3,665	7,366	85.20	MISSOURI	547	3,805	19.006	5,882	154.59
MONTANA	5,352	2,389	1,220	2,046	85.64	MONTANA	105	395	10.278	271	68.61
NEBRASKA	6,927	3,996	1,576	2,471	61.84	NEBRASKA	267	1,277	13.068	4,463	349.49
NEVADA	1,788	1,285	1,964	978	76.11	NEVADA	60	488	22.222	637	130.53
NEW HAMPSHIRE	957	2,324	6,635	1,906	82.01	NEW HAMPSHIRE	169	1,097	17.735	1,271	115.86
NEW JERSEY	811	3,448	11,616	6,774	195.46	NEW JERSEY	661	10,085	41.686	22,166	219.81
NEW MEXICO	3,347	2,744	2,240	2,127	77.51	NEW MEXICO	227	1,074	12.927	2,909	270.86
NEW YORK	6,407	10,673	4,551	38,383	359.63	NEW YORK	1,385	20,699	28.491	42,374	204.72
NORTH CAROLINA	3,844	8,609	6,119	9,121	105.95	NORTH CAROLINA	661	4,837	19.934	6,931	143.29
NORTH DAKOTA	5,402	1,708	864	608	35.60	NORTH DAKOTA	137	445	8.875	850	191.01
OHIO	4,999	9,992	5,407	14,228	143.83	OHIO	1,581	8,301	14,346	30,706	369.91
OKLAHOMA	4,875	5,551	3,111	3,352	60.39	OKLAHOMA	438	2,724	16,992	1,640	60.21
OREGON	4,669	5,636	3,298	5,295	93.97	OREGON	393	2,705	18.813	5,638	208.35
PENNSYLVANIA	7,795	15,593	6,466	22,098	141.72	PENNSYLVANIA	2,163	15,227	19,234	27,784	182.47
RHODE ISLAND	158	386	6,675	321	83.16	RHODE ISLAND	238	1,542	17.702	2,478	160.70
SOUTH DAKOTA	5,704	2,159	1,034	1,257	58.68	SOUTH DAKOTA	418	951	6,216	2,322	244.16
TEXAS	14,828	21,605	3,981	14,174	65.61	TEXAS	1,921	18,525	26,348	29,080	156.98
UTAH	2,490	1,645	1,805	1,499	91.12	UTAH	106	593	15.285	1,067	179.93
VERMONT	1,047	1,523	3,974	1,670	109.65	VERMONT	73	300	11.228	578	192.67
VIRGINIA	4,736	10,334	5,962	10,837	104.87	VIRGINIA	647	5,452	23,023	9,230	169.30
WASHINGTON	4,387	4,933	3,072	5,930	120.21	WASHINGTON	651	4,676	19.625	6,023	128.81
WEST VIRGINIA	2,251	3,488	4,234	7,241	207.60	WEST VIRGINIA	191	970	13.876	2,891	298.04
WISCONSIN	8,327	10,518	3,451	8,802	83.69	WISCONSIN	949	5,605	16.137	7,440	132.74
WYOMING	2,866	1,445	1,378	768	53.15	WYOMING	125	392	8.568	819	208.93
SUBTOTAL	215,567	291,958	3,700	355,061	121.61	SUBTOTAL	31,724	261,935	22,559	456,891	174.43
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH CAROLINA						SOUTH CAROLINA					
TENNESSEE						TENNESSEE					

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-C. NONFATALITY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1988
FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL				STATE	COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS NUMBER		RATE 1/	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS NUMBER	RATE 1/
COMPLETE DATA											
ALABAMA	1,533	4,126	7,354	5,585	135.36	1,248	1,524	3,336	4,458	292.52	
ALASKA	102	11,447	11,974	3,378	308.28	151	214	3,872	369	172.43	
ARIZONA	2,299	11,737	13,949	33,305	283.76	707	1,121	4,332	1,036	92.42	
ARKANSAS	843	5,743	3,157	3,157	178.16	300	230	2,095	202	87.83	
CALIFORNIA	12,607	75,447	16,351	152,720	202.42	5,003	6,106	3,335	14,886	243.79	
COLORADO	1,743	5,259	8,244	13,886	264.04	554	364	1,795	788	216.48	
CONNECTICUT	1,235	4,035	8,927	14,266	353.41	1,722	2,203	3,495	5,606	254.47	
DELAWARE	162	844	14,235	1,957	231.87	149	335	3,495	600	175.10	
DIST. OF COL.	85	465	14,947	2,484	534.19	152	6,624	5,806	2,343	725.39	
FLORIDA	1,925	14,391	20,426	37,787	262.57	1,819	6,624	6,791	110	1.66	
GEORGIA	2,151	6,593	8,768	19,068	276.23	2,297	2,297	3,450	7,332	319.20	
HAWAII	143	876	16,737	2,711	309.47	179	440	6,716	979	222.50	
IDAHO	442	1,259	7,783	2,877	228.51	281	198	2,129	434	198.17	
ILLINOIS	3,867	15,498	11,547	45,663	294.64	3,086	6,314	5,590	16,892	267.53	
INDIANA	2,883	8,700	8,245	13,339	153.32	1,637	1,379	2,220	3,302	239.45	
IOWA	1,473	2,536	4,704	4,822	190.14	646	1,009	1,829	1,509	233.59	
KANSAS	1,107	3,101	7,654	8,174	409.65	985	1,206	2,314	636	155.50	
KENTUCKY	1,379	4,030	9,787	12,010	282.38	734	1,206	4,150	3,010	248.59	
LOUISIANA	1,325	3,861	7,650	11,066	311.06	875	3,111	3,038	39,20	39.20	
MAINE	344	1,069	8,491	2,730	255.38	361	381	2,884	823	216.01	
MARYLAND	1,447	8,138	15,366	26,540	326.12	682	1,362	5,456	4,844	355.65	
MASSACHUSETTS	3,337	7,996	6,547	25,608	320.26	2,569	2,690	2,861	9,258	344.16	
MICHIGAN	4,441	17,781	10,939	12,096	68.03	1,204	2,739	6,216	2,776	101.35	
MINNESOTA	1,572	6,043	10,503	11,999	198.56	631	726	3,144	1,402	193.11	
MISSISSIPPI	961	2,233	6,349	5,039	225.66	780	693	2,491	1,618	233.48	
MISSOURI	1,840	7,835	11,634	13,298	169.73	594	853	3,924	989	115.94	
MONTANA	246	598	6,642	419	70.07	114	95	2,277	201	115.58	
NEBRASKA	652	1,945	8,151	6,752	347.15	468	468	3,173	1,533	327.58	
NEVADA	460	2,546	15,122	8,669	348.35	99	130	3,588	47	36.15	
NEW HAMPSHIRE	389	1,200	8,429	2,677	223.08	338	316	2,554	751	237.68	
NEW JERSEY	3,544	13,189	10,168	69,271	525.22	1,808	3,163	4,780	13,682	432.58	
NEW MEXICO	450	2,198	13,345	8,191	372.66	119	163	3,742	376.07	376.07	
NEW YORK	5,196	25,272	13,289	68,467	270.92	3,553	5,097	3,920	7,632	149.74	
NORTH CAROLINA	2,483	8,811	9,695	15,178	172.26	321	344	2,928	0	0.00	
NORTH DAKOTA	282	466	4,515	166.95	166.95	171	171	2,279	365	213.45	
OHIO	3,717	10,605	7,795	57,365	540.92	205	3,689	2,279	25,262	684.79	
OKLAHOMA	2,222	6,283	7,726	11,583	184.35	1,753	1,718	2,443	1,078	150.14	
OREGON	1,075	3,533	9,980	10,978	310.73	923	1,143	3,605	2,562	258.27	
PENNSYLVANIA	3,864	13,262	8,378	28,624	215.83	3,177	4,402	3,383	4,826	105.69	
RHODE ISLAND	480	1,529	8,709	4,795	313.60	359	4,402	3,785	4,826	105.69	
TEXAS	6,116	23,479	10,489	33,924	144.49	444	329	2,172	4,899	253.97	
UTAH	533	2,754	14,117	8,455	307.01	152	1,966	2,142	271	213.97	
VERMONT	149	448	8,215	1,041	124.91	368	822	3,450	270	14.05	
VIRGINIA	2,024	9,921	13,393	24,714	245.11	134	134	2,774	2,306	261.40	
WASHINGTON	2,447	9,696	10,825	14,560	150.16	1,392	2,089	4,100	5,446	241.55	
WEST VIRGINIA	386	1,189	8,416	4,331	364.26	1,774	2,233	3,515	4,191	187.85	
WISCONSIN	2,036	5,668	7,604	5,225	92.22	397	741	2,116	619	196.64	
WYOMING	242	410	4,629	554	135.12	278	210	2,064	361	216.46	
SUBTOTAL	89,839	361,382	10,991	870,624	240.92	52,682	71,368	3,687	160,908	225.46	
INCOMPLETE DATA											
SOUTH CAROLINA											
SOUTH DAKOTA											
TENNESSEE											

1/ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

**TABLE 6-D. NONFATALLY INJURED PERSONS
BY STATE AND HIGHWAY SYSTEM - 1988
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11,484	4,305	1,024	2,453	56.98
ALASKA	1,951	481	674	450	93.56
ARIZONA	3,294	2,522	2,092	2,301	91.24
ARKANSAS	7,249	1,989	750	1,419	71.34
CALIFORNIA	11,064	9,788	2,417	34,939	356.96
COLORADO	3,411	1,430	1,145	1,254	87.69
CONNECTICUT	902	1,439	4,359	1,811	125.85
DELAWARE	602	625	2,837	832	133.12
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,391	2,728	1,697	5,346	195.97
GEORGIA	14,008	5,723	1,116	7,312	127.77
HAWAII	455	445	2,672	827	185.84
IDAHO	4,194	1,143	745	1,268	110.94
ILLINOIS	12,957	3,398	717	5,911	173.96
INDIANA	9,593	10,308	2,936	8,115	78.73
IOWA	13,506	2,370	479	2,477	104.51
KANSAS	22,605	2,637	319	2,976	112.86
KENTUCKY	7,320	4,878	1,821	8,677	177.88
LOUISIANA	7,353	4,876	1,812	8,721	178.86
MAINE	2,742	1,732	1,726	2,355	135.97
MARYLAND	1,907	2,136	3,060	4,069	190.50
MASSACHUSETTS	2,007	1,657	2,256	1,684	101.63
MICHIGAN	17,106	9,797	1,565	1,026	10.47
MINNESOTA	16,619	3,602	592	3,646	101.22
MISSISSIPPI	11,718	3,417	797	2,567	75.12
MISSOURI	18,062	4,981	753	6,818	136.88
MONTANA	4,732	805	465	582	72.30
NEBRASKA	11,449	1,235	295	1,496	121.13
NEVADA	2,315	721	851	828	114.84
NEW HAMPSHIRE	1,235	1,187	2,626	1,156	97.39
NEW JERSEY	1,723	2,936	4,656	6,363	216.72
NEW MEXICO	3,936	1,161	806	1,611	138.76
NEW YORK	6,308	5,232	2,266	22,050	421.44
NORTH CAROLINA	10,297	10,170	2,699	15,736	154.73
NORTH DAKOTA	10,577	760	196	334	43.95
OHIO	11,649	8,376	1,965	16,496	196.94
OKLAHOMA	11,663	3,878	908	2,260	58.28
OREGON	7,811	2,594	907	2,886	111.26
PENNSYLVANIA	7,978	5,773	1,977	10,203	176.74
RHODE ISLAND	203	162	2,180	211	130.25
SOUTH DAKOTA	11,478	914	218	664	72.65
TEXAS	32,600	13,907	1,166	14,994	107.82
UTAH	2,644	754	779	815	108.09
VERMONT	1,946	1,083	1,521	1,593	147.09
VIRGINIA	10,203	5,918	1,585	9,736	164.52
WASHINGTON	7,270	4,313	1,621	15,079	349.62
WEST VIRGINIA	6,370	3,095	1,328	8,408	271.66
WISCONSIN	12,960	4,176	880	6,373	152.61
WYOMING	2,267	426	513	359	84.27
SUBTOTAL	386,114	167,983	1,189	259,487	154.47
INCOMPLETE DATA					
SOUTH CAROLINA					
TENNESSEE					
1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.					

TABLE 6-E. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1988

NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	1	4	10,929	0	0.00	ALABAMA	224	343	4,184	737	214.87
ALASKA	-	-	-	-	-	ALASKA	4	5	3,415	35	700.00
ARIZONA	15	18	3,279	0	0.00	ARIZONA	33	122	10,101	130	106.56
ARKANSAS	363	188	1,415	170	90.43	ARKANSAS	404	484	3,273	742	153.31
CALIFORNIA	17	18	2,893	23	127.78	CALIFORNIA	1,274	4,534	9,724	8,359	184.36
COLORADO	7	6	2,342	0	0.00	COLORADO	24	12	1,366	0	0.00
CONNECTICUT	9	23	6,982	21	91.30	CONNECTICUT	34	205	16,474	330	160.98
DELAWARE	1	9	24,590	0	0.00	DELAWARE	4	10	6,831	0	0.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	67	15,255	246	367.16
FLORIDA	358	1,288	9,830	19,674	1,527.48	FLORIDA	386	2,931	20,747	418	14.26
GEORGIA	-	-	-	-	-	GEORGIA	11	30	7,452	0	0.00
HAWAII	10	25	6,831	0	0.00	HAWAII	-	-	-	-	-
IDAHO	-	-	-	-	-	IDAHO	53	118	6,083	132	111.86
ILLINOIS	-	-	-	-	-	ILLINOIS	34	43	3,455	198	460.46
INDIANA	-	-	-	-	-	INDIANA	56	176	8,587	7,792	4,427.27
IOWA	-	-	-	-	-	IOWA	9	14	4,250	0	0.00
KANSAS	-	-	-	-	-	KANSAS	207	558	7,365	2,658	476.34
KENTUCKY	-	-	-	-	-	KENTUCKY	-	-	-	-	-
LOUISIANA	10	2	546	0	0.00	LOUISIANA	284	969	9,322	560	57.79
MAINE	1	2	5,464	1	50.00	MAINE	3	6	5,464	43	716.67
MARYLAND	-	-	-	-	-	MARYLAND	9	49	14,876	46	93.88
MASSACHUSETTS	-	-	-	-	-	MASSACHUSETTS	4	24	16,393	17	70.83
MICHIGAN	-	-	-	-	-	MICHIGAN	489	497	2,777	512	103.02
MINNESOTA	-	-	-	-	-	MINNESOTA	-	-	-	-	-
MISSISSIPPI	267	95	972	14	14.74	MISSISSIPPI	14	23	4,489	0	0.00
MISSOURI	-	-	-	-	-	MISSOURI	514	1,354	7,197	1,751	129.32
MONTANA	50	10	546	0	0.00	MONTANA	32	47	4,013	141	300.00
NEBRASKA	-	-	-	-	-	NEBRASKA	-	-	-	-	-
NEVADA	-	-	-	-	-	NEVADA	25	129	14,098	0	0.00
NEW HAMPSHIRE	19	147	21,139	6	4.08	NEW HAMPSHIRE	19	150	21,570	40	26.67
NEW JERSEY	121	777	17,545	1,071	137.84	NEW JERSEY	262	1,989	20,742	986	49.57
NEW MEXICO	-	-	-	-	-	NEW MEXICO	152	545	9,797	1,509	276.88
NEW YORK	-	-	-	-	-	NEW YORK	112	515	12,563	0	0.00
NORTH CAROLINA	257	129	1,371	80	62.02	NORTH CAROLINA	898	1,811	5,510	1,571	86.75
NORTH DAKOTA	2	1	1,366	0	0.00	NORTH DAKOTA	1	1	2,732	0	0.00
OHIO	-	-	-	-	-	OHIO	-	-	-	-	-
OKLAHOMA	224	348	4,245	75	21.55	OKLAHOMA	167	56	949	83	143.10
OREGON	169	136	2,199	136	100.00	OREGON	53	92	4,743	140	152.17
PENNSYLVANIA	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
RHODE ISLAND	3	1	911	0	0.00	RHODE ISLAND	14	24	4,684	0	0.00
TEXAS	6	28	12,750	0	0.00	TEXAS	1,899	6,147	8,844	1,916	31.17
UTAH	34	11	884	1	9.09	UTAH	41	36	2,332	95	271.43
VERMONT	-	-	-	-	-	VERMONT	-	-	-	-	-
VIRGINIA	310	223	1,965	0	0.00	VIRGINIA	125	847	18,514	113	13.34
WASHINGTON	-	-	-	-	-	WASHINGTON	10	31	8,470	0	0.00
WEST VIRGINIA	-	-	-	-	-	WEST VIRGINIA	-	-	-	-	-
WISCONSIN	3	2	1,821	0	0.00	WISCONSIN	108	206	5,211	186	90.29
WYOMING	253	107	1,156	99	92.52	WYOMING	2	1	1,366	0	0.00
SUBTOTAL	2,510	3,598	3,917	21,371	593.97	SUBTOTAL	8,006	25,202	8,601	31,486	124.93
INCOMPLETE DATA						INCOMPLETE DATA					
SOUTH CAROLINA	-	-	-	-	-	SOUTH CAROLINA	-	-	-	-	-
SOUTH DAKOTA	-	-	-	-	-	SOUTH DAKOTA	-	-	-	-	-
TENNESSEE	-	-	-	-	-	TENNESSEE	-	-	-	-	-

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-G. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1988

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	48,584	3,556	200	5,404	151.97	ALABAMA	12,258	4,422	986	9,186	207.73
ALASKA	5,652	388	188	1,161	299.23	ALASKA	1,362	469	941	42	8.96
ARIZONA	47,324	2,191	126	3,541	161.62	ARIZONA	7,799	3,575	1,252	7,126	199.33
ARKANSAS	44,950	1,051	64	1,365	129.88	ARKANSAS	4,803	622	354	2,940	472.67
CALIFORNIA	57,692	3,434	163	17,907	521.46	CALIFORNIA	47,086	11,944	693	28,541	238.96
COLORADO	42,072	820	53	1,590	193.90	COLORADO	7,603	3,506	1,260	2,652	75.64
CONNECTICUT	6,086	944	424	1,522	161.23	CONNECTICUT	6,813	1,732	695	5,986	345.61
DELAWARE	2,723	461	463	757	164.21	DELAWARE	1,089	509	1,277	806	158.35
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	659	339	1,406	1,142	336.87
FLORIDA	39,657	2,903	200	15,515	534.45	FLORIDA	38,152	20,605	1,476	68,879	334.27
GEORGIA	56,223	3,441	167	5,278	153.39	GEORGIA	14,477	5,722	1,080	11,464	200.35
HAWAII	1,680	530	862	4,604	113.96	HAWAII	924	1,137	3,362	1,839	161.74
IDAHO	46,369	840	49	1,953	232.50	IDAHO	1,398	175	342	1,212	692.57
ILLINOIS	76,914	3,334	118	6,486	194.54	ILLINOIS	22,174	6,993	862	39,661	567.15
INDIANA	48,796	1,913	107	7,682	401.57	INDIANA	11,836	3,432	792	5,943	173.16
IOWA	65,124	1,492	63	2,835	190.01	IOWA	5,349	1,148	586	3,031	264.02
KANSAS	83,622	1,237	40	2,737	221.26	KANSAS	6,317	1,535	664	4,197	273.42
KENTUCKY	41,652	1,942	127	4,601	236.92	KENTUCKY	4,919	1,784	991	4,854	260.87
LOUISIANA	31,269	2,153	188	5,607	260.43	LOUISIANA	8,790	4,585	1,425	21,134	460.94
MAINE	11,884	964	222	2,798	290.25	MAINE	1,436	228	434	581	254.82
MARYLAND	10,605	1,071	276	2,706	252.66	MARYLAND	6,601	1,702	541	15,183	892.07
MASSACHUSETTS	8,060	462	157	6,955	1,505.41	MASSACHUSETTS	12,948	2,812	593	28,791	1,021.73
MICHIGAN	59,197	2,535	117	24,062	949.19	MICHIGAN	17,754	3,948	608	58,748	1,488.04
MINNESOTA	77,802	2,459	86	4,401	178.98	MINNESOTA	9,704	2,652	747	3,928	148.11
MISSISSIPPI	44,013	2,710	168	2,359	87.05	MISSISSIPPI	5,054	1,595	862	2,475	155.17
MISSOURI	73,686	3,195	118	10,968	343.29	MISSOURI	10,716	1,242	317	14,438	1,162.48
MONTANA	46,570	789	46	869	110.14	MONTANA	1,601	680	1,160	2,385	350.74
NEBRASKA	59,496	1,224	56	2,368	193.46	NEBRASKA	3,584	651	496	1,689	259.45
NEVADA	34,710	300	24	261	87.00	NEVADA	2,028	595	802	1,777	298.66
NEW HAMPSHIRE	8,679	542	171	1,820	335.79	NEW HAMPSHIRE	1,440	259	491	402	155.21
NEW JERSEY	7,699	867	308	3,652	421.22	NEW JERSEY	15,797	10,763	1,862	19,102	177.48
NEW MEXICO	38,506	2,076	147	2,038	98.17	NEW MEXICO	3,344	679	555	3,416	503.09
NEW YORK	48,706	3,343	188	33,717	1,008.58	NEW YORK	25,666	8,151	868	42,032	615.67
NORTH DAKOTA	60,012	680	31	600	88.24	NORTH DAKOTA	1,092	295	738	862	292.20
OHIO	57,324	6,987	333	13,197	188.88	OHIO	21,087	10,401	1,348	30,592	294.13
OKLAHOMA	68,977	1,796	71	3,965	220.77	OKLAHOMA	7,869	3,104	1,078	5,616	180.93
OREGON	62,736	1,446	63	1,104	76.35	OREGON	5,899	1,046	484	2,676	246.27
PENNSYLVANIA	63,049	5,514	239	13,131	238.14	PENNSYLVANIA	18,112	5,195	784	35,805	689.22
RHODE ISLAND	943	105	304	83	79.05	RHODE ISLAND	3,149	510	443	1,285	251.96
SOUTH DAKOTA	46,974	590	34	820	136.98	SOUTH DAKOTA	1,133	253	610	535	211.46
TEXAS	142,898	4,279	82	18,081	422.55	TEXAS	66,290	25,374	1,046	92,995	366.50
UTAH	26,927	516	52	3,779	732.36	UTAH	4,082	1,549	1,037	1,201	77.53
VERMONT	8,799	478	148	1,144	239.33	VERMONT	604	262	1,185	240	91.60
VIRGINIA	33,619	3,125	254	4,295	137.44	VIRGINIA	10,359	5,002	1,319	7,186	143.66
WASHINGTON	46,584	1,070	63	7,822	731.03	WASHINGTON	11,119	2,917	717	6,997	239.87
WEST VIRGINIA	20,379	756	101	2,133	282.14	WEST VIRGINIA	1,907	309	443	262	84.79
WISCONSIN	66,399	3,050	126	7,091	232.49	WISCONSIN	9,626	4,942	1,403	16,835	340.65
WYOMING	24,677	360	40	522	145.00	WYOMING	1,175	156	363	402	257.69
SUBTOTAL	2,006,299	85,919	117	263,286	306.44	SUBTOTAL	486,986	171,507	962	618,711	360.75
INCOMPLETE DATA						INCOMPLETE DATA					
NORTH CAROLINA						NORTH CAROLINA					
SOUTH CAROLINA						SOUTH CAROLINA					
TENNESSEE						TENNESSEE					

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

SECTION III--OTHER RATES

A. Highway Mileage

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

B. Population

Population rates are most useful for comparing motor vehicle accidents with other public health problems. In 1988, 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 - 1988

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	33,303	181,284	14,873	2,393	71.86	45,448	1,364.69	2,826	84.86	74,378	2,233.36
URBAN	11,326	256,662	62,399	2,113	185.56	116,725	10,305.95	2,301	203.16	178,966	15,801.38
TOTAL	44,629	439,946	26,934	4,506	100.97	162,173	3,633.81	5,127	114.88	253,344	5,676.67
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	225,724	308,438	3,733	9,166	40.61	214,162	948.78	10,748	47.62	362,297	1,605.04
URBAN	33,343	272,160	22,302	3,959	118.74	292,052	8,759.01	4,252	127.52	466,202	13,982.02
TOTAL	259,067	580,598	6,123	13,125	50.66	506,214	1,953.99	15,000	57.90	828,499	3,198.01
FEDERAL-AID URBAN ARTERIAL	91,826	370,152	11,014	6,932	75.49	582,250	6,340.80	7,496	81.63	888,367	9,674.46
COLLECTOR	55,210	74,509	3,687	1,139	20.63	111,532	2,020.15	1,230	22.28	164,187	2,973.87
TOTAL (ALL URBAN)	147,036	444,661	8,263	8,071	54.89	693,782	4,718.45	8,726	59.35	1,052,554	7,158.48
FEDERAL-AID SECONDARY (COLLECTOR) TOTAL (ALL RURAL)	400,081	175,429	1,198	6,029	15.07	167,218	417.96	6,771	16.92	264,775	661.80
NON-FEDERAL-AID ARTERIAL											
RURAL	2,510	3,598	3,917	263	104.78	12,735	5,073.60	295	117.53	21,807	8,687.86
URBAN	8,269	25,718	8,498	254	30.72	20,538	2,483.74	299	36.16	32,128	3,885.32
TOTAL	10,779	29,316	7,431	517	47.96	33,273	3,086.81	594	55.11	53,935	5,003.64
NON-FEDERAL-AID COLLECTOR											
RURAL	330,258	55,063	456	1,992	6.03	71,693	217.08	2,214	6.70	107,667	326.01
URBAN	22,360	24,742	3,023	289	12.92	18,974	848.55	313	14.00	28,506	1,274.88
TOTAL	352,618	79,805	618	2,281	6.47	90,667	257.12	2,527	7.17	136,173	386.18
NON-FEDERAL-AID LOCAL											
RURAL	2,139,793	93,745	120	4,433	2.07	198,408	92.72	4,839	2.26	294,526	137.64
URBAN	517,140	182,085	962	3,157	6.10	450,764	871.65	3,509	6.79	657,193	1,270.82
TOTAL	2,656,933	275,830	284	7,590	2.86	649,172	244.33	8,348	3.14	951,719	366.20
ALL FEDERAL-AID											
RURAL	659,108	665,151	2,757	17,588	26.68	426,828	647.59	20,345	30.87	701,450	1,064.24
URBAN	191,705	975,483	13,903	14,143	73.77	1,102,559	5,751.33	15,279	79.70	1,697,722	8,855.92
TOTAL	850,813	1,640,634	5,269	31,731	37.29	1,529,387	1,797.56	35,624	41.87	2,399,172	2,819.86
ALL NON-FEDERAL-AID											
RURAL	2,472,561	152,406	168	6,688	2.70	282,836	114.39	7,348	2.97	424,000	171.48
URBAN	547,769	232,545	1,160	3,700	6.75	490,276	895.04	4,121	7.52	717,827	1,310.46
TOTAL	3,020,330	384,951	348	10,388	3.44	773,112	255.97	11,469	3.80	1,141,827	378.05
NON-INTERSTATE											
RURAL	3,098,366	636,273	561	21,883	7.06	664,216	214.38	24,867	8.03	1,051,072	339.23
URBAN	728,148	949,366	3,562	15,730	21.80	1,476,110	2,027.21	17,099	23.48	2,236,583	3,071.61
TOTAL	3,826,514	1,585,639	1,132	37,613	9.83	2,140,326	559.34	41,966	10.97	3,287,655	869.18
TOTAL											
RURAL	3,131,669	817,557	713	24,276	7.75	709,664	226.61	27,693	8.84	1,125,450	359.98
URBAN	739,474	1,208,028	4,463	17,843	24.13	1,592,835	2,154.01	19,400	26.23	2,415,549	3,266.58
TOTAL	3,871,143	2,025,585	1,430	42,119	10.88	2,302,499	594.79	47,093	12.17	3,540,999	914.72

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

2/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1988. FEDERAL-AID HIGHWAY MILEAGE IS

FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1989 AND VEHICLE MILES OF TRAVEL ARE FROM THE HPMS AREAWIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1989. FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR MAJOR HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-AID SYSTEM DATA WERE NOT REPORTED.

3/ RATES ARE PER 1,000 HIGHWAY MILES.

4/ TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE ESTIMATED BY FHWA FOR TENNESSEE, SOUTH CAROLINA, SOUTH DAKOTA, AND NORTH CAROLINA.

same as table 1

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**TABLE 8. FATAL AND INJURY ACCIDENT DATA
RELATED TO POPULATION - 1988**

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	4,102	9,674	0.22	0.25	7.31	10.75
ALASKA	524	7,330	0.16	0.19	6.68	9.95
ARIZONA	3,489	9,816	0.24	0.27	11.07	17.72
ARKANSAS	2,395	8,025	0.22	0.25	4.68	8.60
CALIFORNIA	28,314	8,532	0.17	0.19	8.32	12.61
COLORADO	3,301	8,381	0.14	0.15	7.76	11.75
CONNECTICUT	3,233	8,061	0.14	0.15	10.23	14.35
DELAWARE	660	9,703	0.22	0.24	8.71	13.68
DIST. OF COL	517	5,519	0.09	0.10	14.97	21.60
FLORIDA	12,335	8,538	0.22	0.25	11.53	18.68
GEORGIA	6,342	9,817	0.23	0.26	9.99	15.31
HAWAII	1,098	6,757	0.12	0.13	7.93	11.14
IDAHO	1,003	8,103	0.23	0.26	7.11	11.14
ILLINOIS	11,614	6,758	0.14	0.16	10.59	15.68
INDIANA	5,556	9,202	0.17	0.20	9.12	13.56
IOWA	2,834	7,730	0.17	0.20	6.75	9.73
KANSAS	2,495	8,481	0.16	0.19	8.60	12.85
KENTUCKY	3,727	8,482	0.19	0.22	9.17	13.99
LOUISIANA	4,408	7,868	0.19	0.21	8.90	17.45
MAINE	1,205	9,461	0.19	0.21	10.51	15.45
MARYLAND	4,622	8,113	0.15	0.17	11.12	18.37
MASSACHUSETTS	5,889	7,358	0.11	0.12	11.28	14.67
MICHIGAN	9,240	8,431	0.16	0.18	11.37	17.31
MINNESOTA	4,307	8,462	0.13	0.14	7.14	10.31
MISSISSIPPI	2,620	8,413	0.24	0.28	4.96	9.25
MISSOURI	5,141	8,864	0.19	0.21	8.64	13.46
MONTANA	805	10,109	0.23	0.25	6.83	10.23
NEBRASKA	1,602	8,369	0.15	0.16	9.30	13.87
NEVADA	1,054	8,528	0.24	0.27	9.65	14.70
NEW HAMPSHIRE	1,065	8,762	0.14	0.15	7.13	10.04
NEW JERSEY	7,721	7,599	0.13	0.14	12.46	19.63
NEW MEXICO	1,507	10,141	0.29	0.32	11.37	17.80
NEW YORK	17,909	5,790	0.12	0.13	10.98	16.12
NORTH CAROLINA	6,489	8,929	0.22	0.24	4.91	8.11
NORTH DAKOTA	667	8,643	0.14	0.16	5.12	7.22
OHIO	10,855	7,553	0.15	0.16	11.65	19.20
OKLAHOMA	3,242	9,990	0.17	0.20	6.21	9.73
OREGON	2,767	9,109	0.21	0.24	7.80	12.60
PENNSYLVANIA	12,001	6,769	0.15	0.16	8.35	12.83
RHODE ISLAND	993	5,894	0.12	0.13	8.59	10.92
SOUTH CAROLINA	3,470	9,152	0.26	0.30	8.95	14.61
SOUTH DAKOTA	713	9,304	0.18	0.21	6.25	9.23
TENNESSEE	4,895	9,028	0.23	0.25	1/ -	1/ -
TEXAS	16,841	9,290	0.18	0.20	9.03	14.18
UTAH	1,690	7,848	0.15	0.18	8.67	13.07
VERMONT	557	9,969	0.21	0.23	8.74	13.15
VIRGINIA	6,015	9,552	0.16	0.18	8.64	12.92
WASHINGTON	4,648	8,996	0.15	0.17	10.65	15.59
WEST VIRGINIA	1,876	7,401	0.22	0.25	9.83	15.12
WISCONSIN	4,855	8,745	0.15	0.17	8.40	12.14
WYOMING	479	11,812	0.27	0.32	6.99	10.77
U. S. TOTAL	245,807	8,241	0.17	0.19	2/ 9.37	3/ 14.41

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

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**TABLE 9. FATAL AND INJURY ACCIDENT DATA
RELATED TO LICENSED DRIVERS - 1988**

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	2.098	18,915	0.44	0.49	14.30	21.01
ALASKA	300	12,803	0.29	0.32	11.67	17.38
ARIZONA	2,352	14,561	0.36	0.40	16.43	26.29
ARKANSAS	1,677	11,460	0.32	0.36	6.68	12.28
CALIFORNIA	18,926	12,764	0.26	0.28	12.44	18.86
COLORADO	2,226	12,428	0.20	0.22	11.51	17.43
CONNECTICUT	2,370	10,997	0.19	0.20	13.95	19.56
DELAWARE	469	13,655	0.30	0.34	12.26	19.25
DIST. OF COL.	392	8,686	0.14	0.15	23.56	34.01
FLORIDA	8,790	11,982	0.31	0.35	16.19	26.21
GEORGIA	4,336	14,359	0.34	0.38	14.62	22.39
HAWAII	635	11,683	0.20	0.23	13.71	19.27
IDAHO	708	11,479	0.32	0.36	10.08	15.78
ILLINOIS	7,263	10,806	0.23	0.25	16.93	25.08
INDIANA	3,773	13,550	0.25	0.29	13.43	19.97
IOWA	1,887	11,609	0.26	0.30	10.13	14.61
KANSAS	1,706	12,404	0.24	0.28	12.58	18.80
KENTUCKY	2,368	13,351	0.30	0.35	14.43	22.03
LOUISIANA	2,598	13,349	0.32	0.36	15.11	29.61
MAINE	867	13,150	0.27	0.29	14.61	21.47
MARYLAND	3,137	11,953	0.23	0.25	16.39	27.07
MASSACHUSETTS	4,250	10,196	0.16	0.17	15.63	20.33
MICHIGAN	6,389	12,193	0.24	0.27	16.44	25.03
MINNESOTA	2,479	14,702	0.22	0.25	12.40	17.92
MISSISSIPPI	1,814	12,152	0.35	0.40	7.16	13.36
MISSOURI	3,512	12,976	0.28	0.31	12.65	19.70
MONTANA	534	15,240	0.34	0.37	10.29	15.42
NEBRASKA	1,088	12,323	0.22	0.24	13.69	20.42
NEVADA	749	12,001	0.34	0.38	13.57	20.69
NEW HAMPSHIRE	798	11,914	0.19	0.21	9.70	13.65
NEW JERSEY	5,452	10,761	0.18	0.19	17.64	27.80
NEW MEXICO	1,047	14,597	0.41	0.47	16.36	25.62
NEW YORK	10,143	10,223	0.20	0.22	19.39	28.47
NORTH CAROLINA	4,422	13,103	0.32	0.36	7.21	11.90
NORTH DAKOTA	431	13,376	0.21	0.24	7.93	11.18
OHIO	7,379	11,111	0.21	0.24	17.14	28.24
OKLAHOMA	2,219	14,596	0.25	0.29	9.07	14.21
OREGON	2,170	11,615	0.26	0.31	9.94	16.07
PENNSYLVANIA	7,732	11,507	0.23	0.25	12.96	19.92
RHODE ISLAND	666	8,788	0.18	0.19	12.81	16.28
SOUTH CAROLINA	2,306	13,772	0.39	0.45	13.47	21.99
SOUTH DAKOTA	483	13,735	0.26	0.30	9.22	13.62
TENNESSEE	3,199	13,815	0.35	0.40	1/	1/
TEXAS	11,081	14,119	0.27	0.31	13.72	21.55
UTAH	978	13,561	0.26	0.30	14.99	22.58
VERMONT	406	13,677	0.29	0.32	11.99	18.04
VIRGINIA	4,130	13,911	0.24	0.26	12.58	18.82
WASHINGTON	3,198	13,074	0.22	0.24	15.47	22.65
WEST VIRGINIA	1,308	10,615	0.31	0.35	14.10	21.68
WISCONSIN	3,268	12,992	0.22	0.25	12.48	18.03
WYOMING	349	16,212	0.37	0.44	9.59	14.78
U.S. TOTAL	162,852	12,438	0.26	0.29	2/ 14.14	3/ 21.74

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

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**TABLE 10 FATAL AND INJURY ACCIDENT DATA
RELATED TO VEHICLE REGISTRATIONS - 1988**

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	3.881	10.225	0.24	0.26	7.73	11.36
ALASKA	362	10.610	0.24	0.27	9.67	14.41
ARIZONA	2.705	12.661	0.31	0.35	14.26	22.86
ARKANSAS	1.427	13.468	0.37	0.43	7.85	14.43
CALIFORNIA	21.337	11.322	0.23	0.25	11.04	16.73
COLORADO	2.923	9.465	0.15	0.17	8.76	13.27
CONNECTICUT	2.652	9.827	0.17	0.18	12.47	17.50
DELAWARE	512	12.508	0.28	0.31	11.23	17.63
DIST. OF COL.	264	12.898	0.21	0.23	34.98	50.49
FLORIDA	10.984	9.588	0.25	0.28	12.95	20.97
GEORGIA	5.196	11.983	0.29	0.32	12.20	18.66
HAWAII	705	10.523	0.18	0.21	12.35	17.36
IDAHO	940	8.646	0.24	0.27	7.59	11.89
ILLINOIS	7.865	9.979	0.21	0.23	15.64	23.16
INDIANA	4.169	12.263	0.22	0.26	12.16	18.08
IOWA	2.568	8.531	0.19	0.22	7.45	10.74
KANSAS	2.210	9.575	0.18	0.22	9.71	14.51
KENTUCKY	2.795	11.311	0.26	0.30	12.22	18.66
LOUISIANA	2.938	11.805	0.28	0.31	13.36	26.18
MAINE	941	12.116	0.24	0.27	13.46	19.79
MARYLAND	3.468	10.813	0.21	0.23	14.83	24.49
MASSACHUSETTS	3.818	11.350	0.18	0.19	17.40	22.63
MICHIGAN	7.141	10.909	0.21	0.24	14.71	22.40
MINNESOTA	3.210	11.354	0.17	0.19	9.56	13.84
MISSISSIPPI	1.787	12.335	0.35	0.40	7.27	13.56
MISSOURI	3.794	12.011	0.26	0.29	11.71	18.23
MONTANA	723	11.256	0.25	0.27	7.60	11.39
NEBRASKA	1.328	10.096	0.18	0.20	11.21	16.73
NEVADA	808	11.125	0.32	0.35	12.56	19.18
NEW HAMPSHIRE	926	10.245	0.16	0.18	8.34	11.74
NEW JERSEY	5.738	10.225	0.17	0.18	16.76	26.41
NEW MEXICO	1.267	12.062	0.34	0.38	13.52	21.18
NEW YORK	9.838	10.540	0.21	0.23	20.00	29.35
NORTH CAROLINA	5.023	11.536	0.28	0.31	6.35	10.48
NORTH DAKOTA	655	8.802	0.14	0.16	5.22	7.36
OHIO	8.612	9.520	0.18	0.20	14.69	24.20
OKLAHOMA	2.554	12.681	0.22	0.25	7.88	12.35
OREGON	2.316	10.883	0.25	0.29	9.32	15.05
PENNSYLVANIA	7.766	10.461	0.23	0.25	12.91	19.83
RHODE ISLAND	671	8.723	0.18	0.19	12.72	16.16
SOUTH CAROLINA	2.414	13.156	0.38	0.43	12.87	21.01
SOUTH DAKOTA	693	9.573	0.18	0.21	6.43	9.49
TENNESSEE	4.225	10.460	0.26	0.30	1/	1/
TEXAS	12.406	12.611	0.24	0.27	12.25	19.25
UTAH	1.159	11.443	0.22	0.26	12.65	19.05
VERMONT	453	12.258	0.26	0.28	10.75	16.17
VIRGINIA	4.670	12.303	0.21	0.23	11.13	16.85
WASHINGTON	3.887	10.757	0.18	0.20	12.73	18.64
WEST VIRGINIA	1.287	10.788	0.31	0.36	14.33	22.03
WISCONSIN	3.901	10.884	0.18	0.21	10.45	15.11
WYOMING	482	11.739	0.27	0.32	6.95	10.70
U.S. TOTAL	184.395	10.985	0.23	0.26	2/ 12.49	3/ 19.20

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED.

2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.

3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATALLY INJURED PERSONS FROM TABLE 2.

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

Travel and accident data reported by Puerto Rico and the U.S. Territories for calendar year 1988 are not yet available.

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 1984 through 1987. 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 1988 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 1988 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 1988 fatality rates were about the same for Maine and Ohio. Yet, Ohio's rate was substantially lower than State rates observed for a similar travel density in the preceding 4-year period. Maine'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 Ohio 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 1988 were rarely above the provisional range based on 1984 through 1987 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 56 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 57. Differences in the width of provisional ranges reflect differences in volumes of travel; ranges are widest in the States with the least travel. When State rates fall above or below the provisional ranges, the deviation from the provisional national norm is likely to be caused by something other than random variation. Possible causes include effective safety programs, hazardous highways, inconsistent data, and many other contributing factors.

* * * * *

Figure 7 may be used to answer questions such as:

* * * * *

- 1. Where are successful safety programs most likely to be found?

* * * * *

Those States where the 1988 fatality rate is to the left of the provisional range are most likely to have successful safety programs. See Figures 7-A2, -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 1988 fatality rate is to the left of the provisional range. See Figures 7-C2, -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 1988 fatality rate is to the right of the provisional range. See Figures 7-C2, -D2, etc.

* * * * *

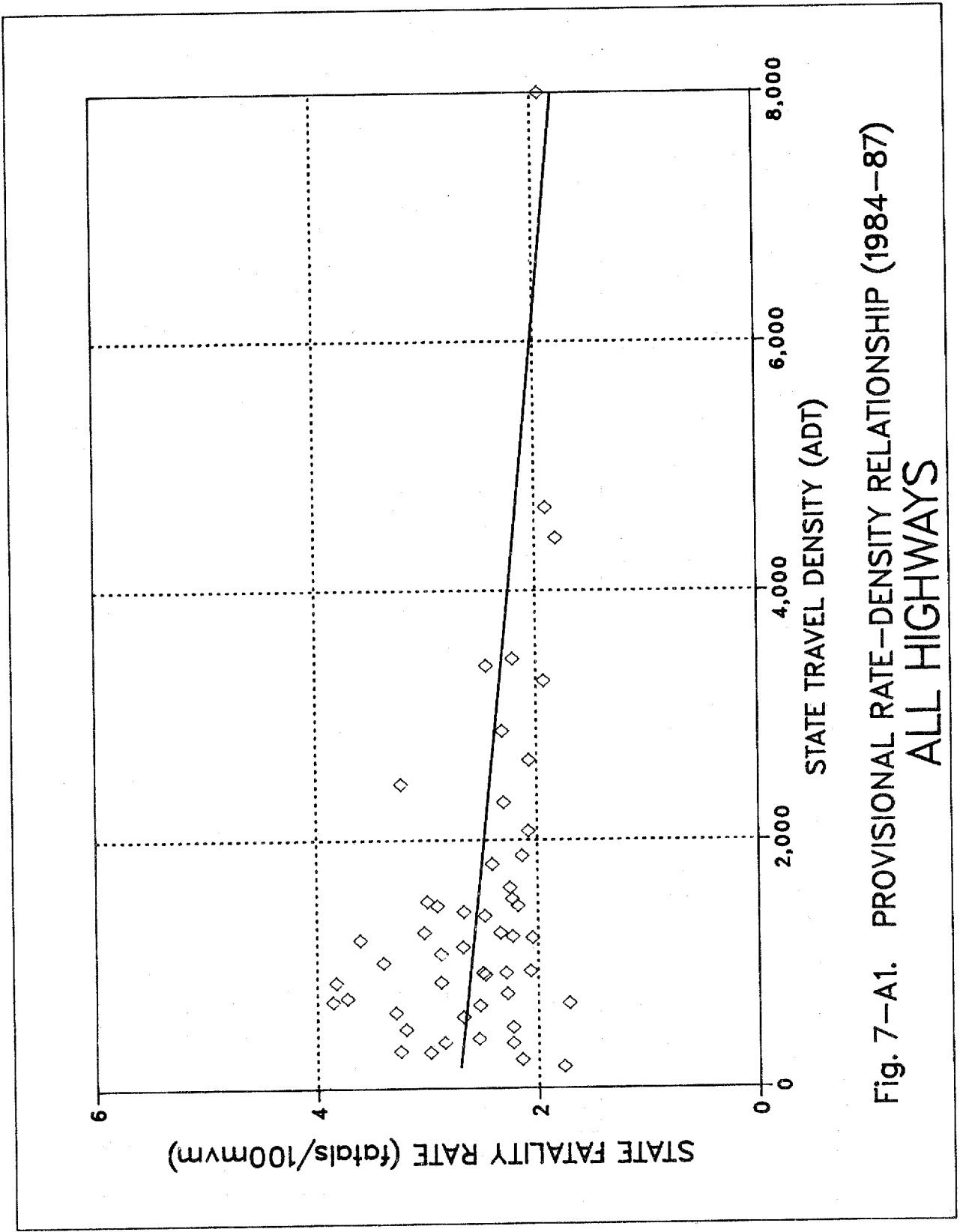


Fig. 7-A1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1984-87)
ALL HIGHWAYS

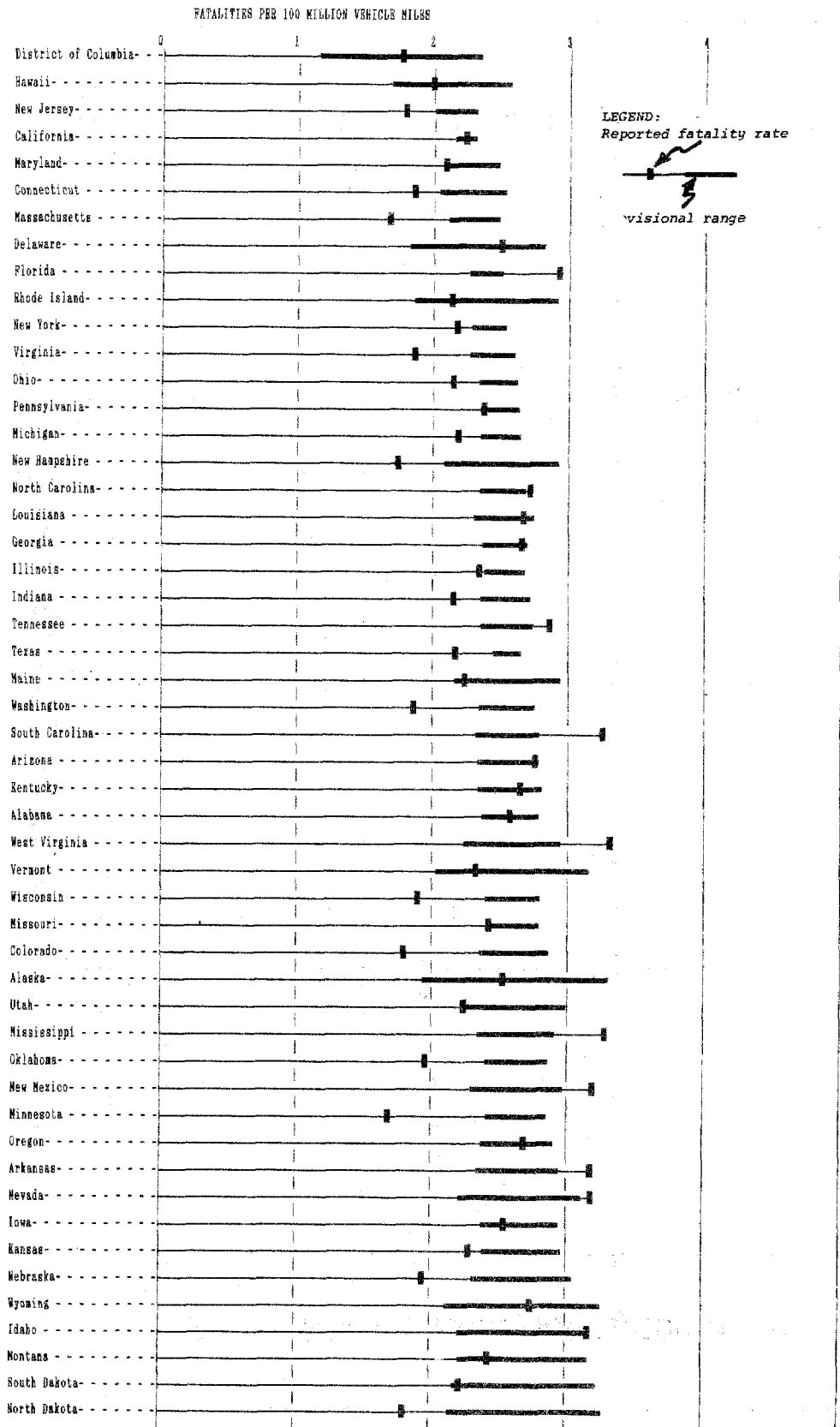
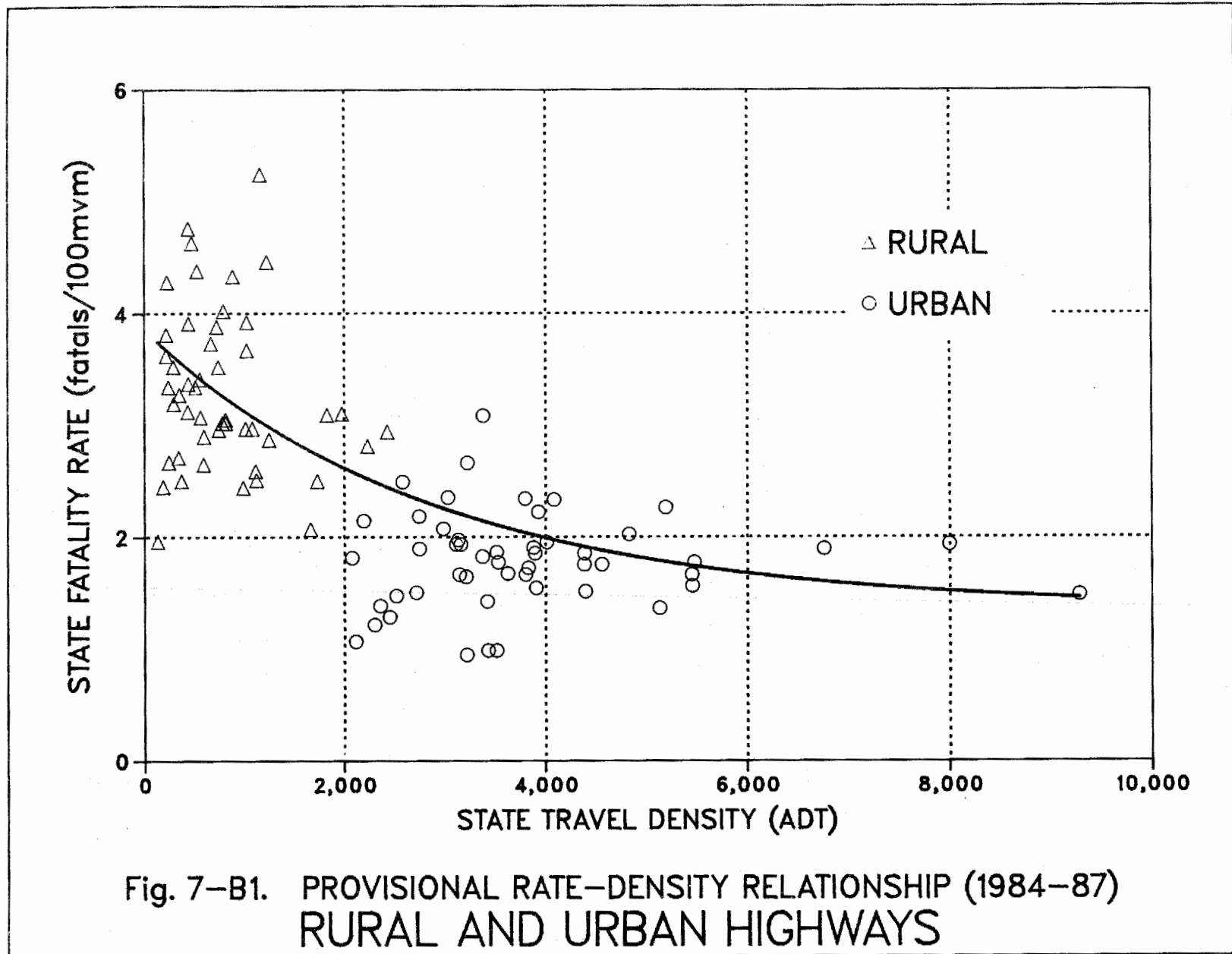


Figure 7-A2 FATALITY RATE BY STATE--ALL HIGHWAYS (1988)



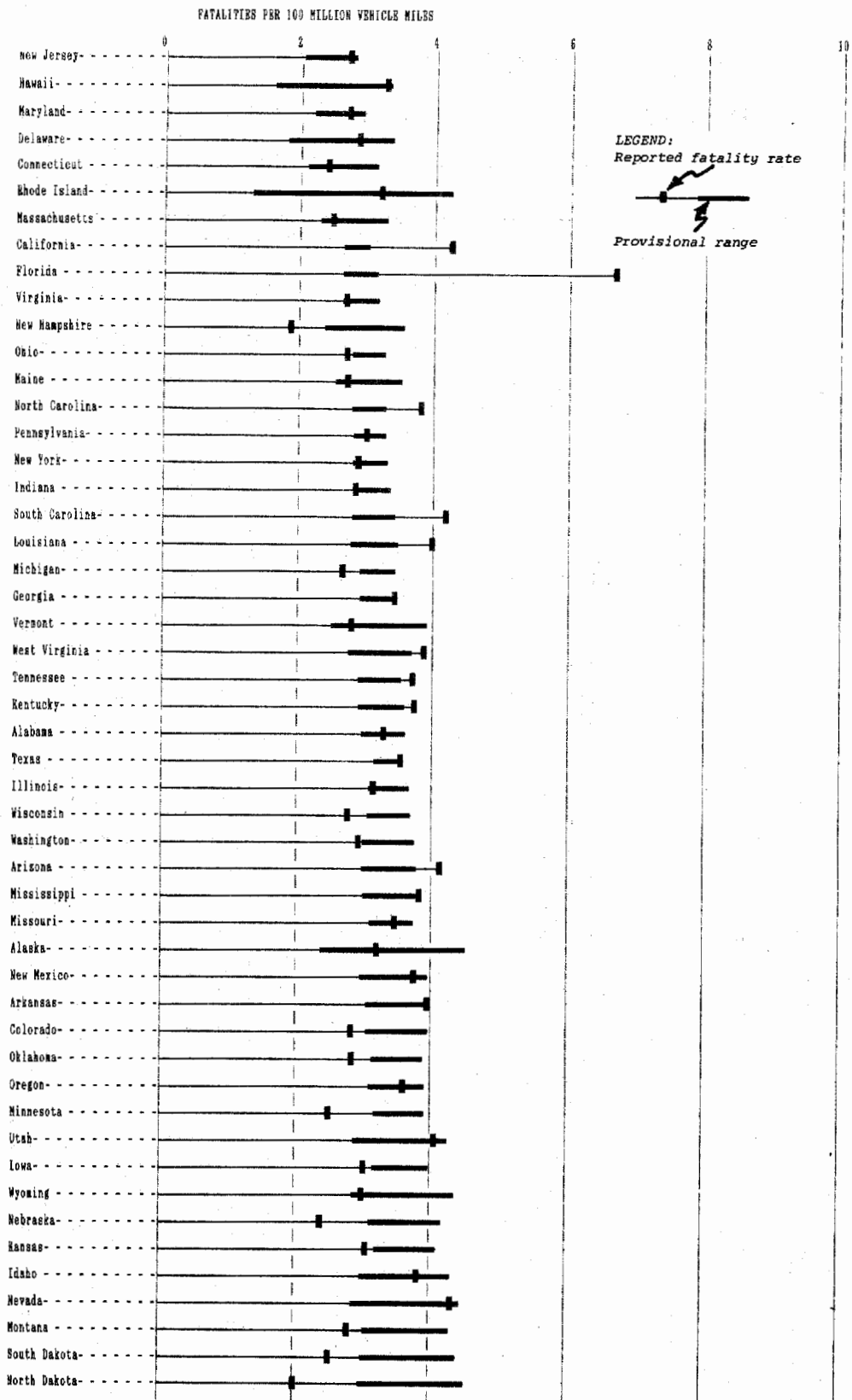


Figure 7-B2a FATALITY RATE BY STATE--ALL RURAL HIGHWAYS (1968)

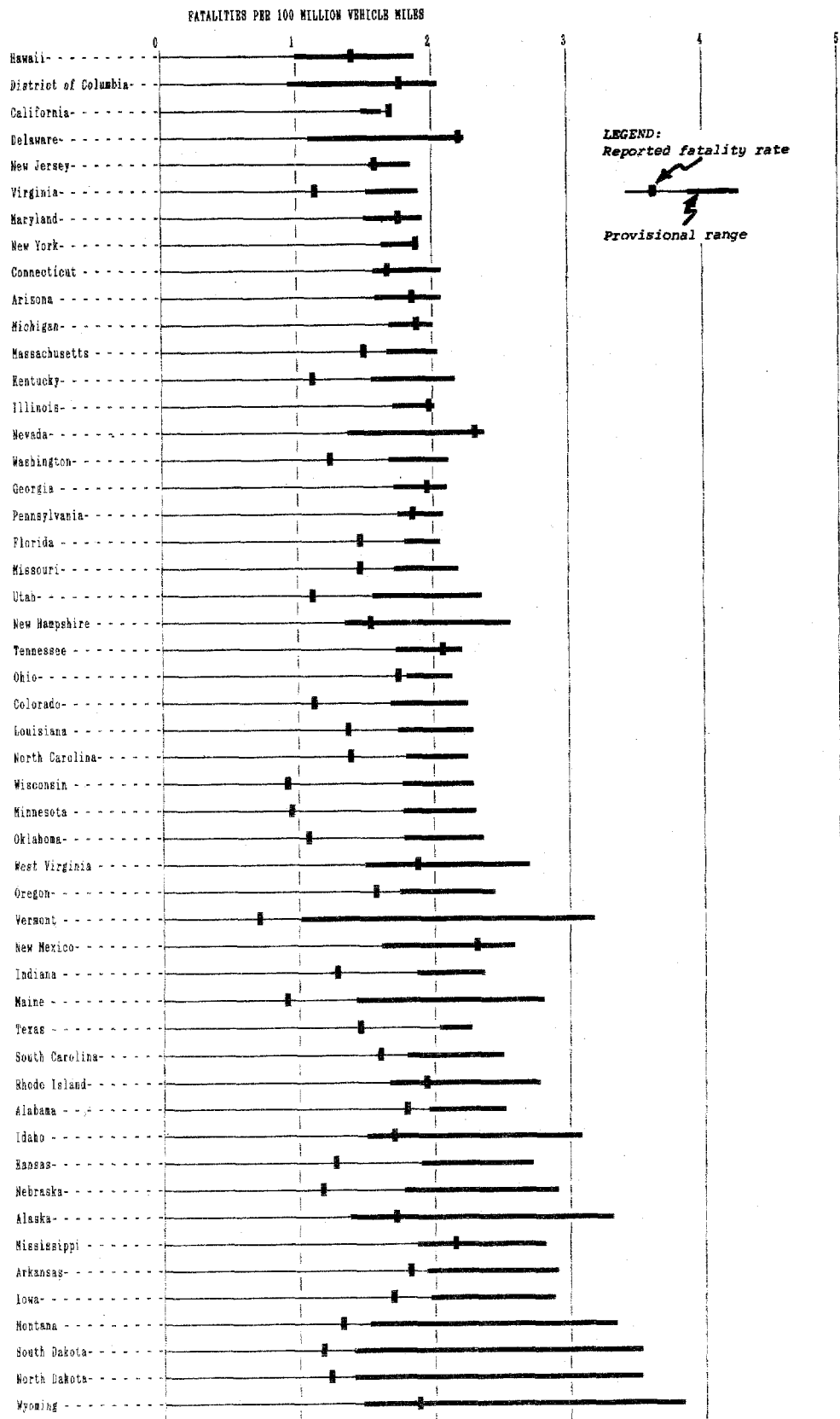


Figure 7-B2b FATALITY RATE BY STATE--ALL URBAN HIGHWAYS (1988)

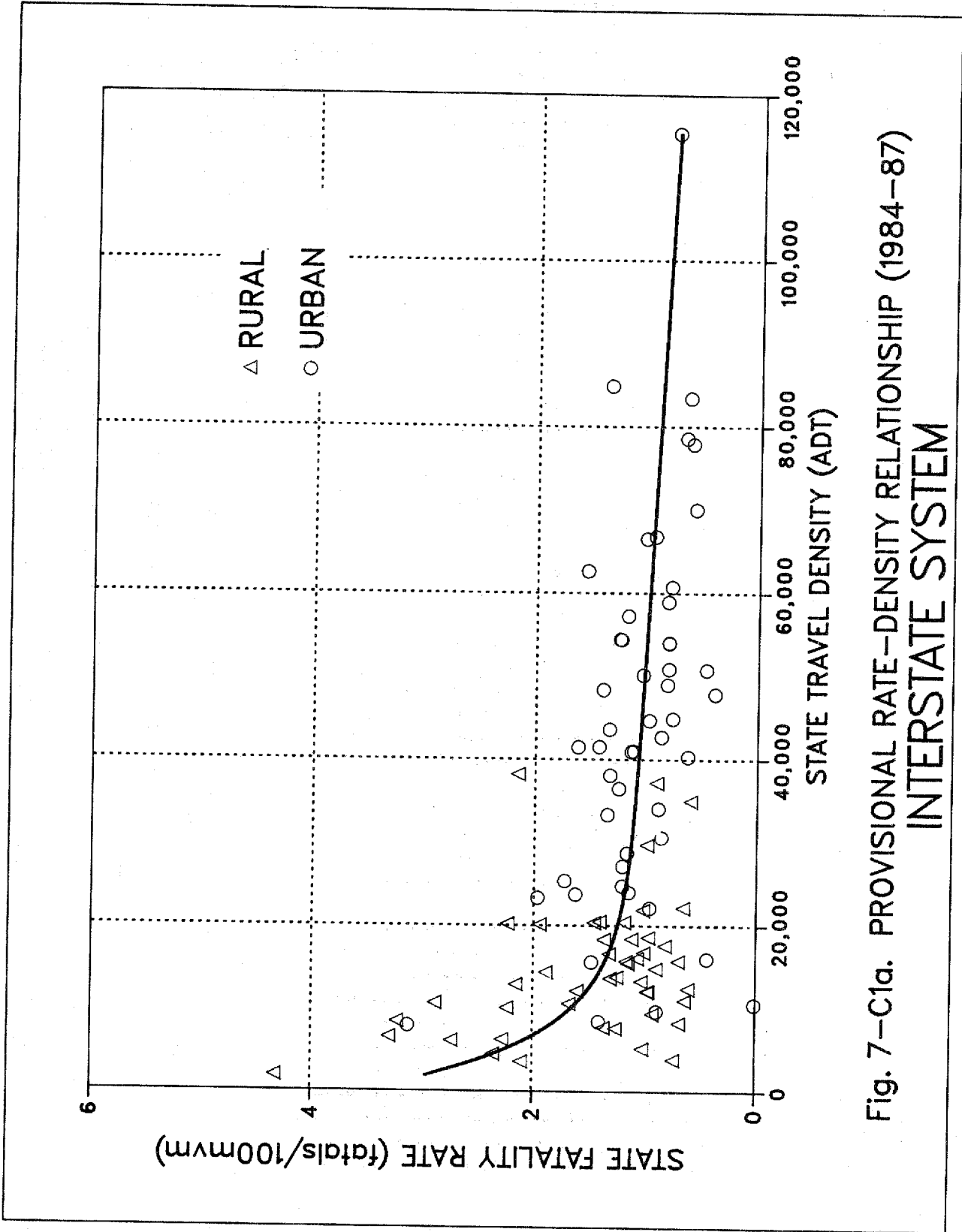


Fig. 7-C1a. PROVISIONAL RATE-DENSITY RELATIONSHIP (1984-87)
INTERSTATE SYSTEM

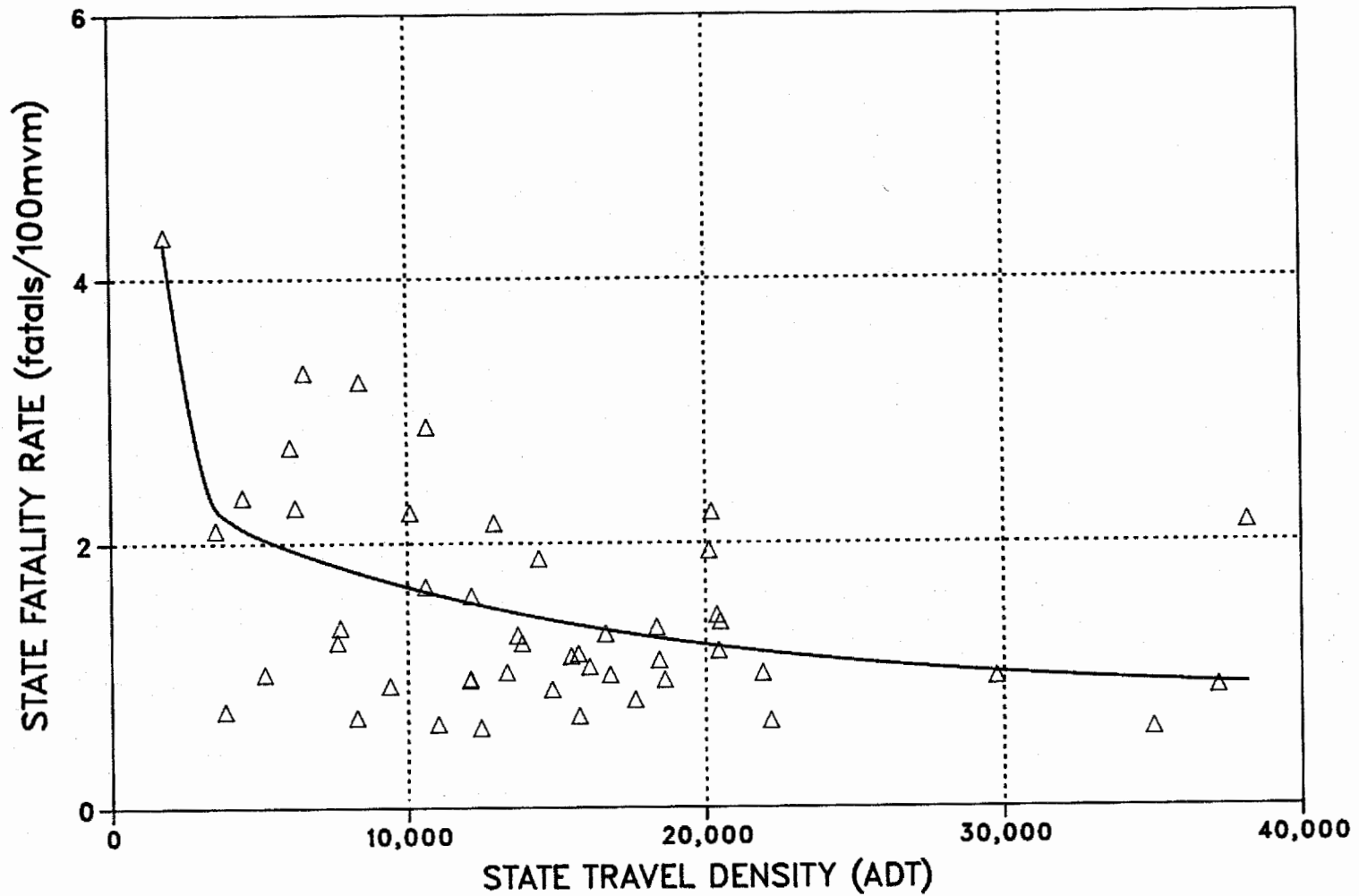


Fig. 7-C1b. PROVISIONAL RATE-DENSITY RELATIONSHIP (1984-87)
RURAL INTERSTATE SYSTEM

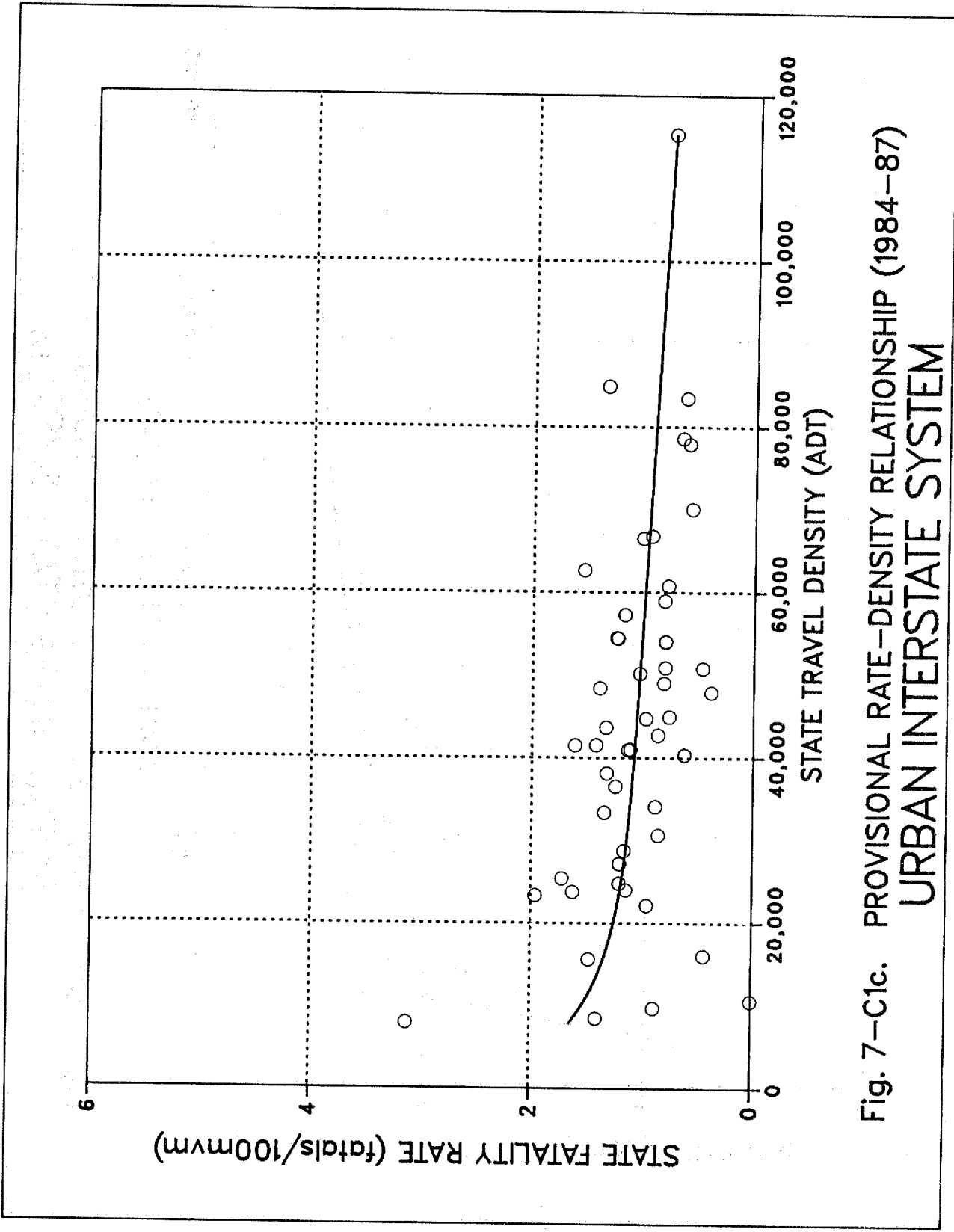


Fig. 7-C1c. PROVISIONAL RATE-DENSITY RELATIONSHIP (1984-87)
URBAN INTERSTATE SYSTEM

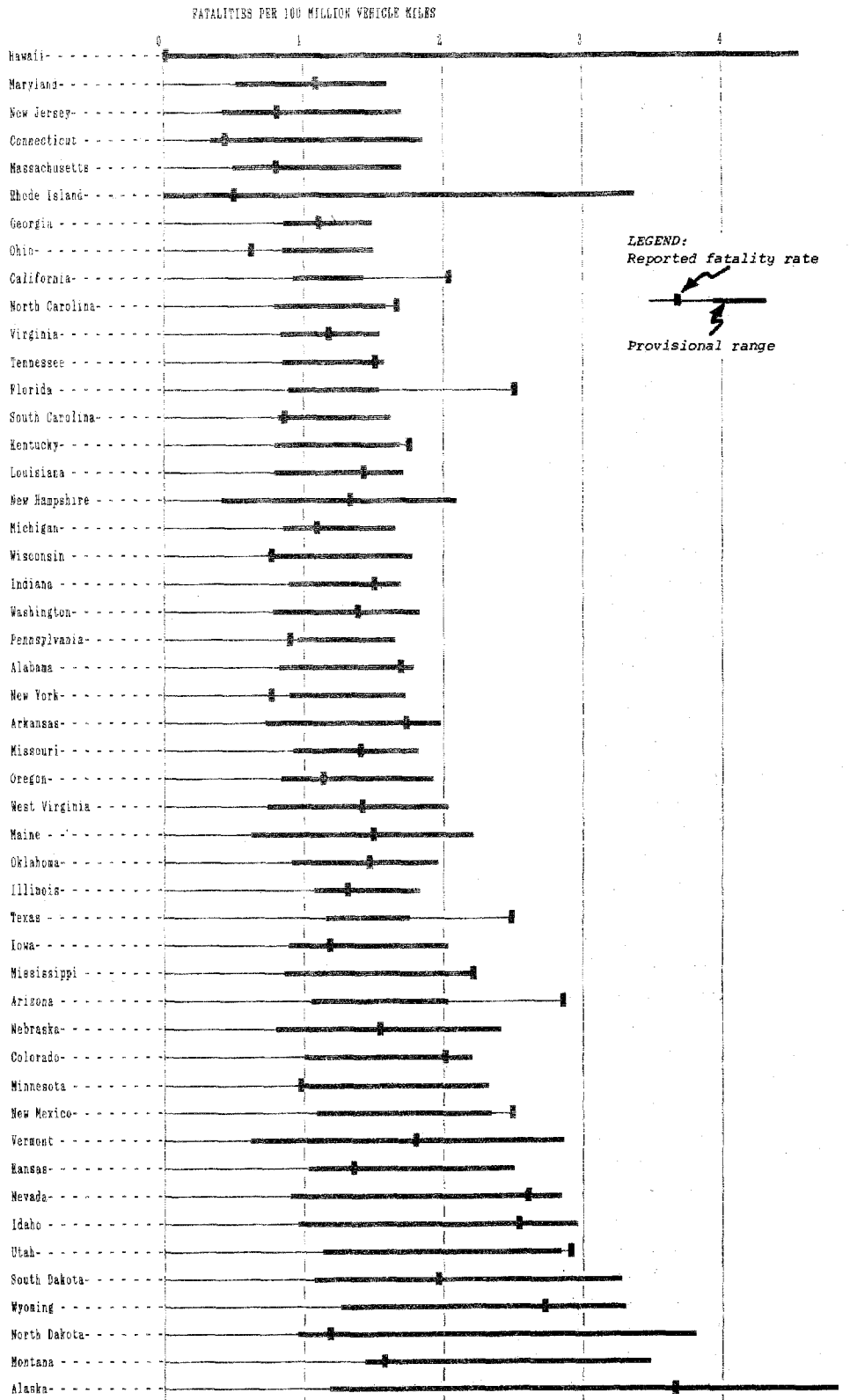


Figure 7-C2a FATALITY RATE BY STATE--RURAL INTERSTATE HIGHWAYS (1988)

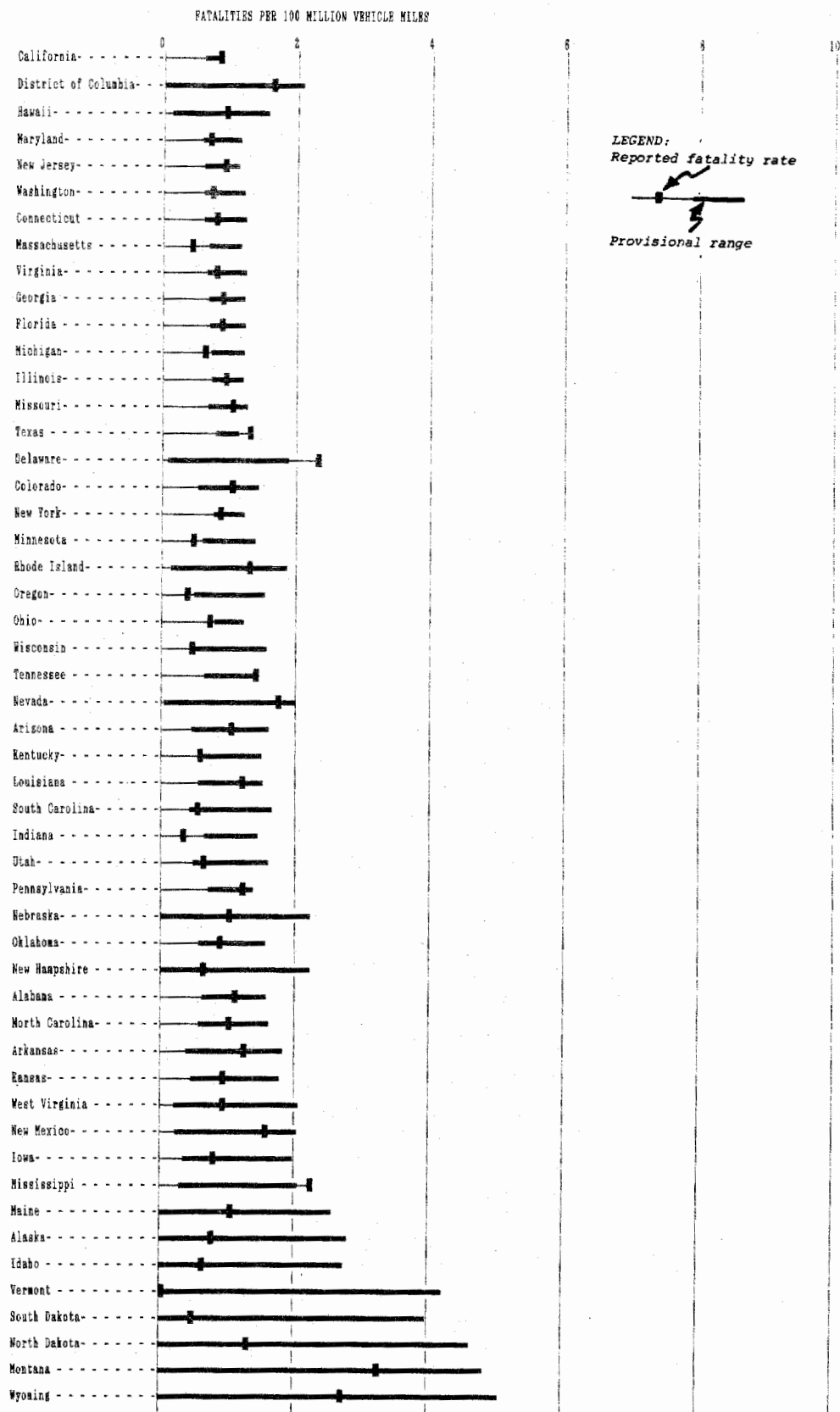


Figure 7-C2b FATALITY RATE BY STATE—URBAN INTERSTATE HIGHWAYS (1988)

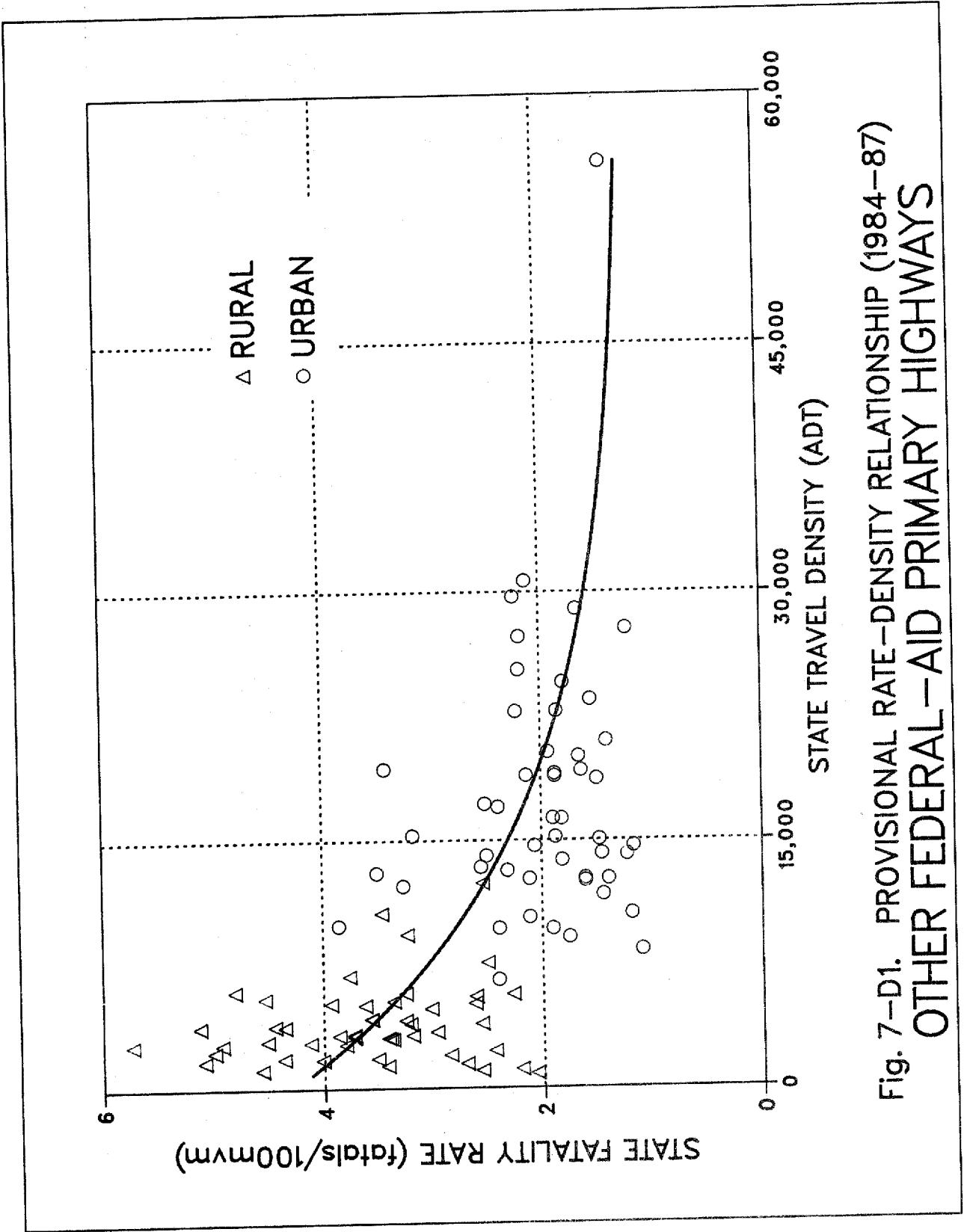
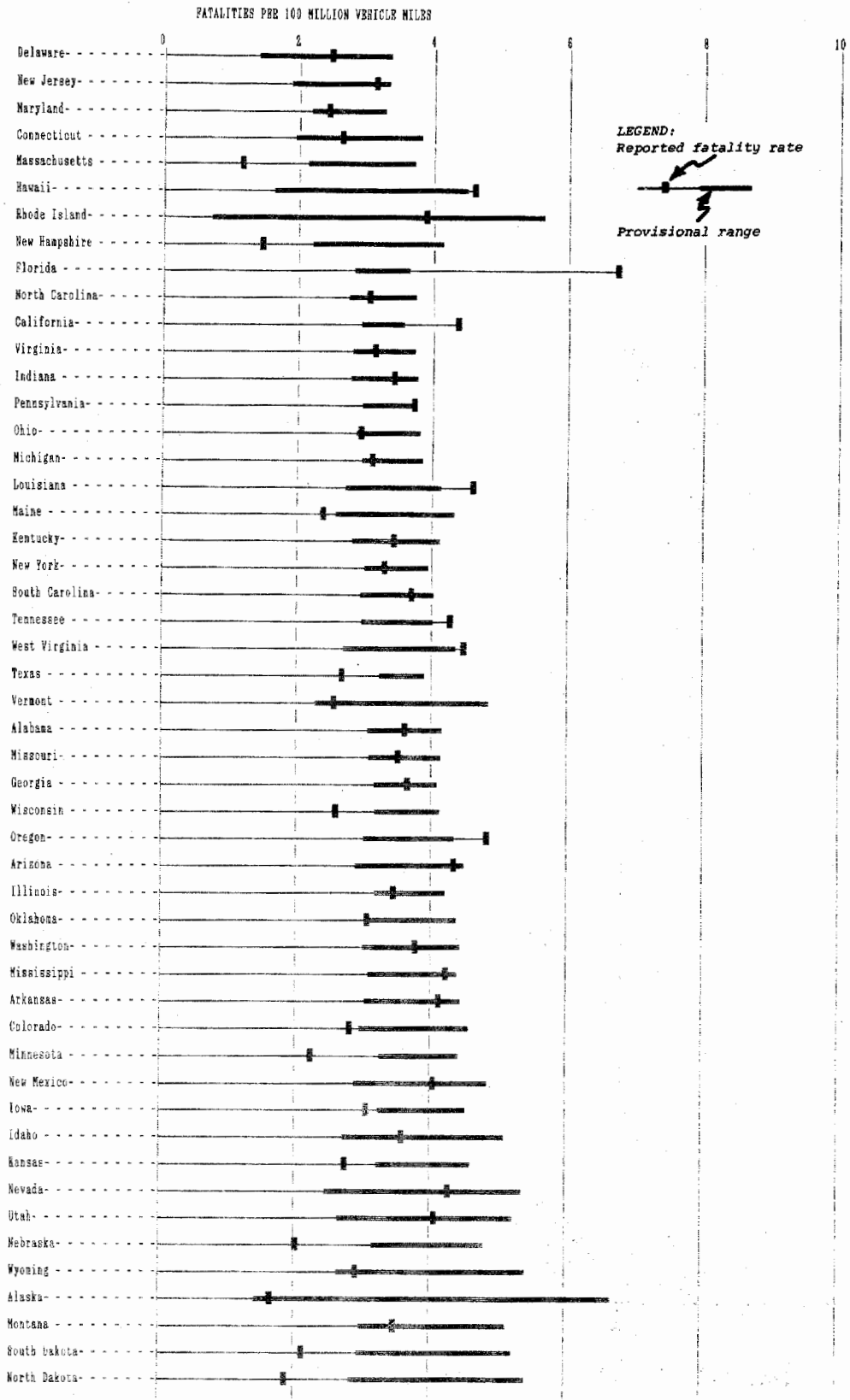


Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1984-87)
OTHER FEDERAL-AID PRIMARY HIGHWAYS



**Figure 7-D2a FATALITY RATE BY STATE--OTHER RURAL
 FEDERAL-AID PRIMARY HIGHWAYS (1988)**

FATALITIES PER 100 MILLION VEHICLE MILES

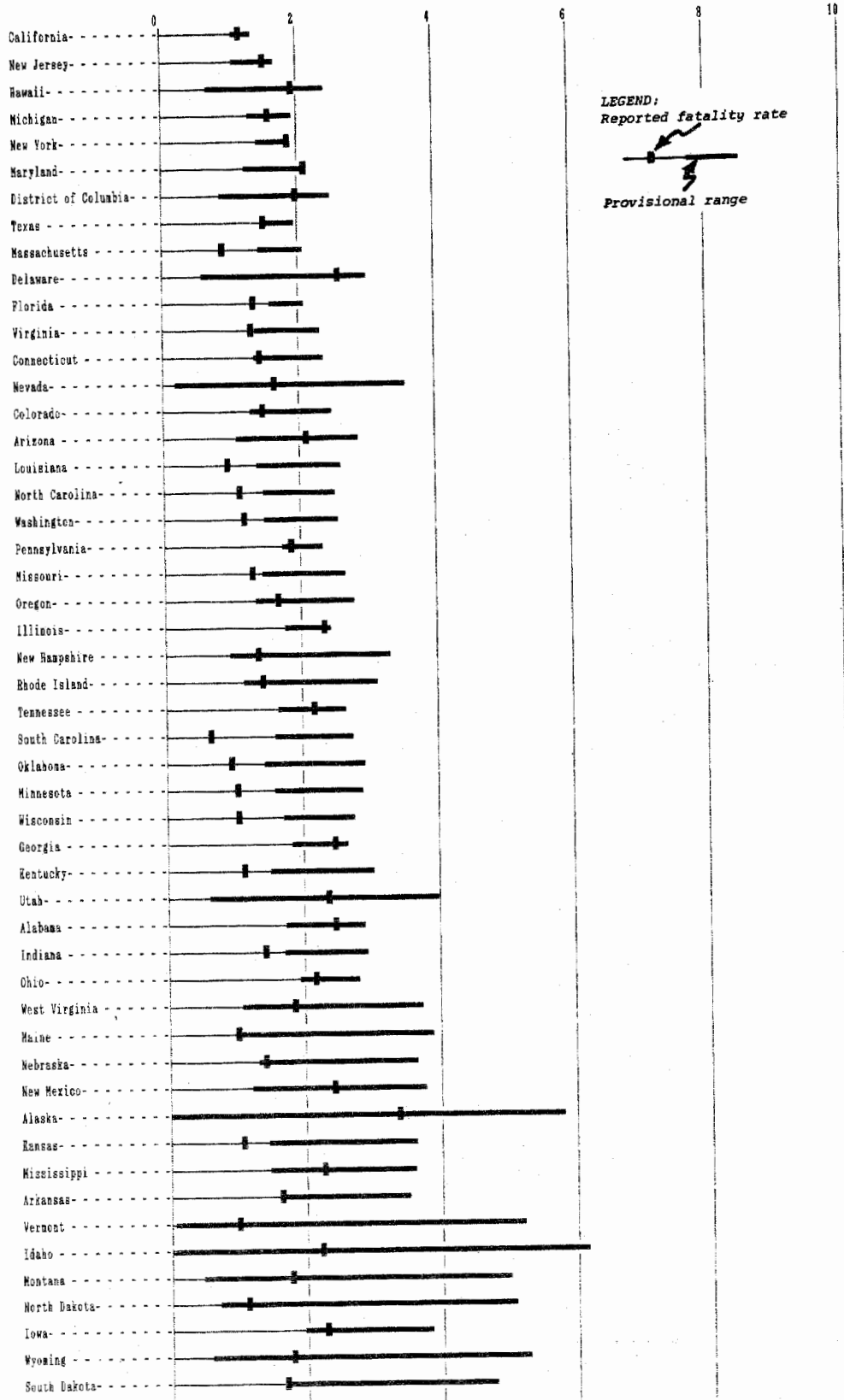


Figure 7-D2b FATALITY RATE BY STATE—OTHER URBAN FEDERAL-AID PRIMARY HIGHWAYS (1988)

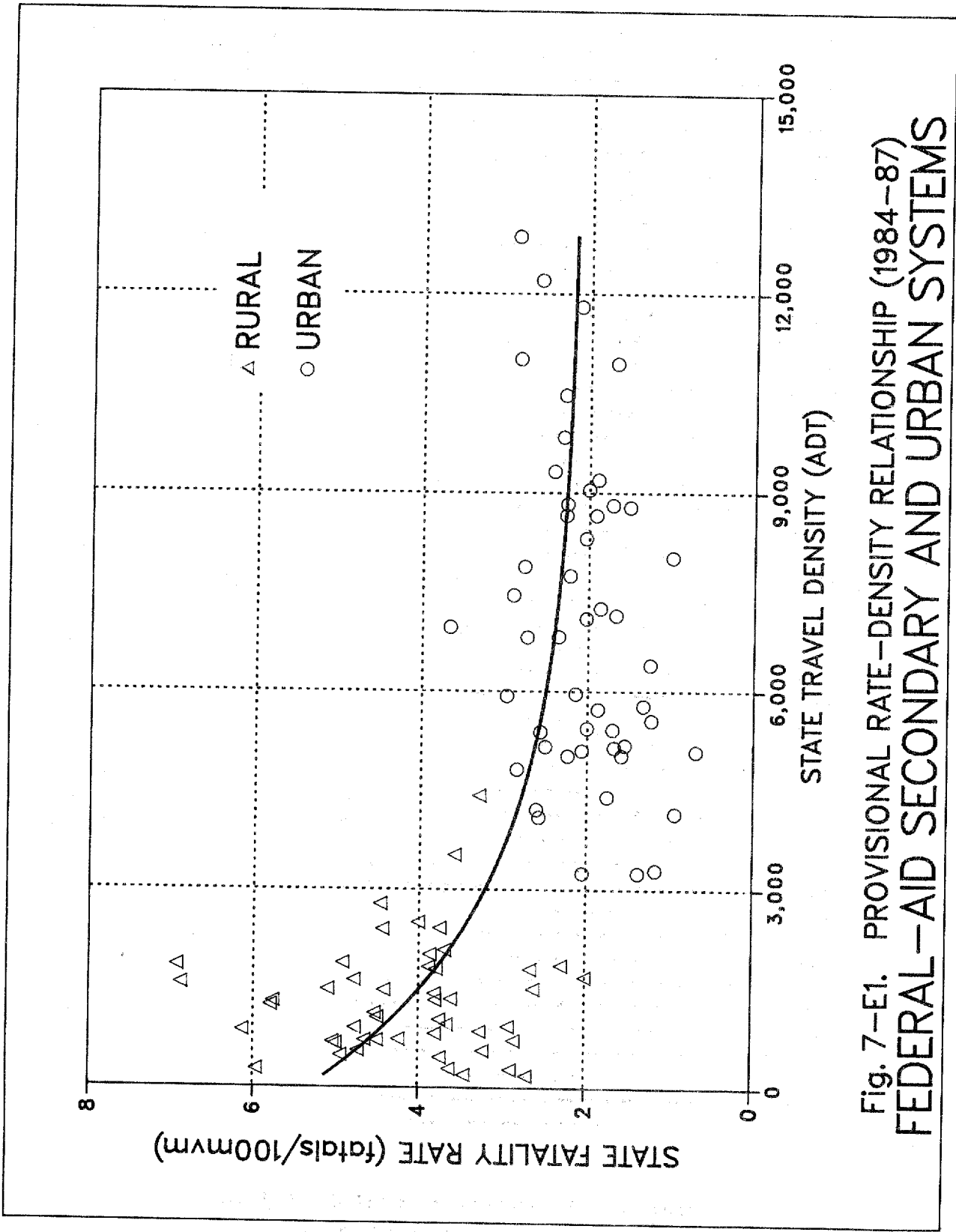


Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1984-87)
 FEDERAL-AID SECONDARY AND URBAN SYSTEMS

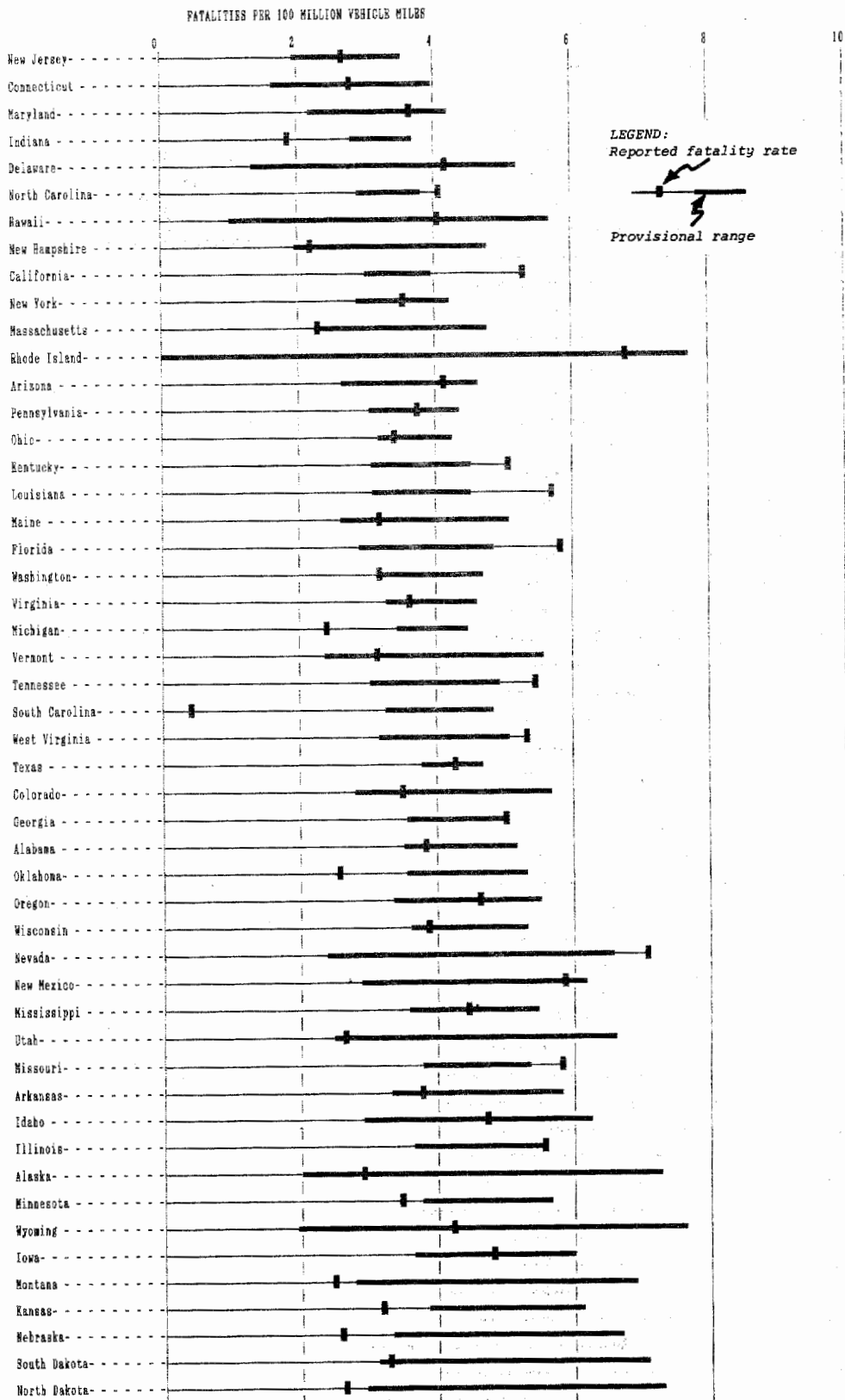


Figure 7-E2a FATALITY RATE BY STATE--FEDERAL-AID SECONDARY HIGHWAYS (1988)

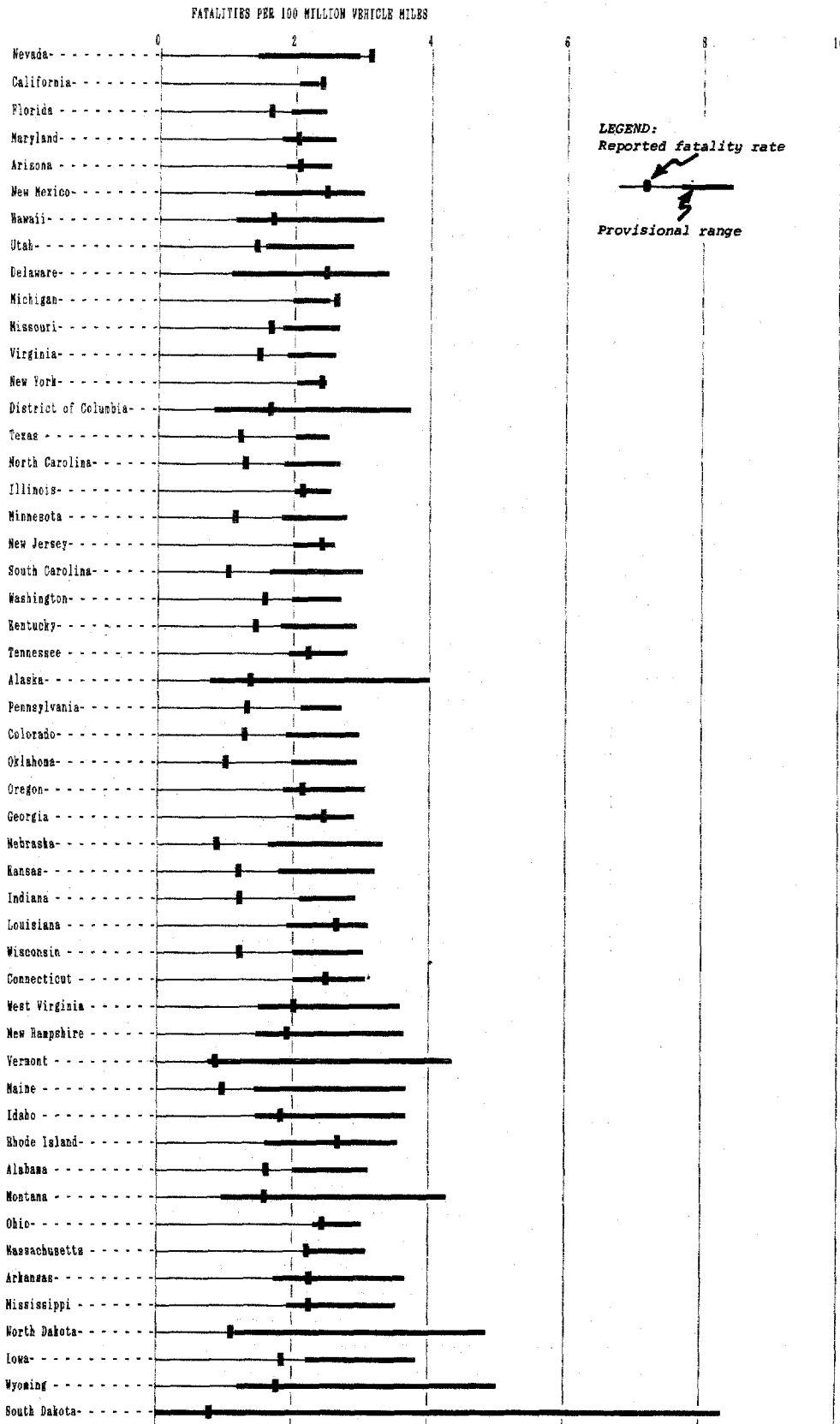


Figure 7-E2b FATALITY RATE BY STATE—FEDERAL-AID URBAN SYSTEM HIGHWAYS (1988)

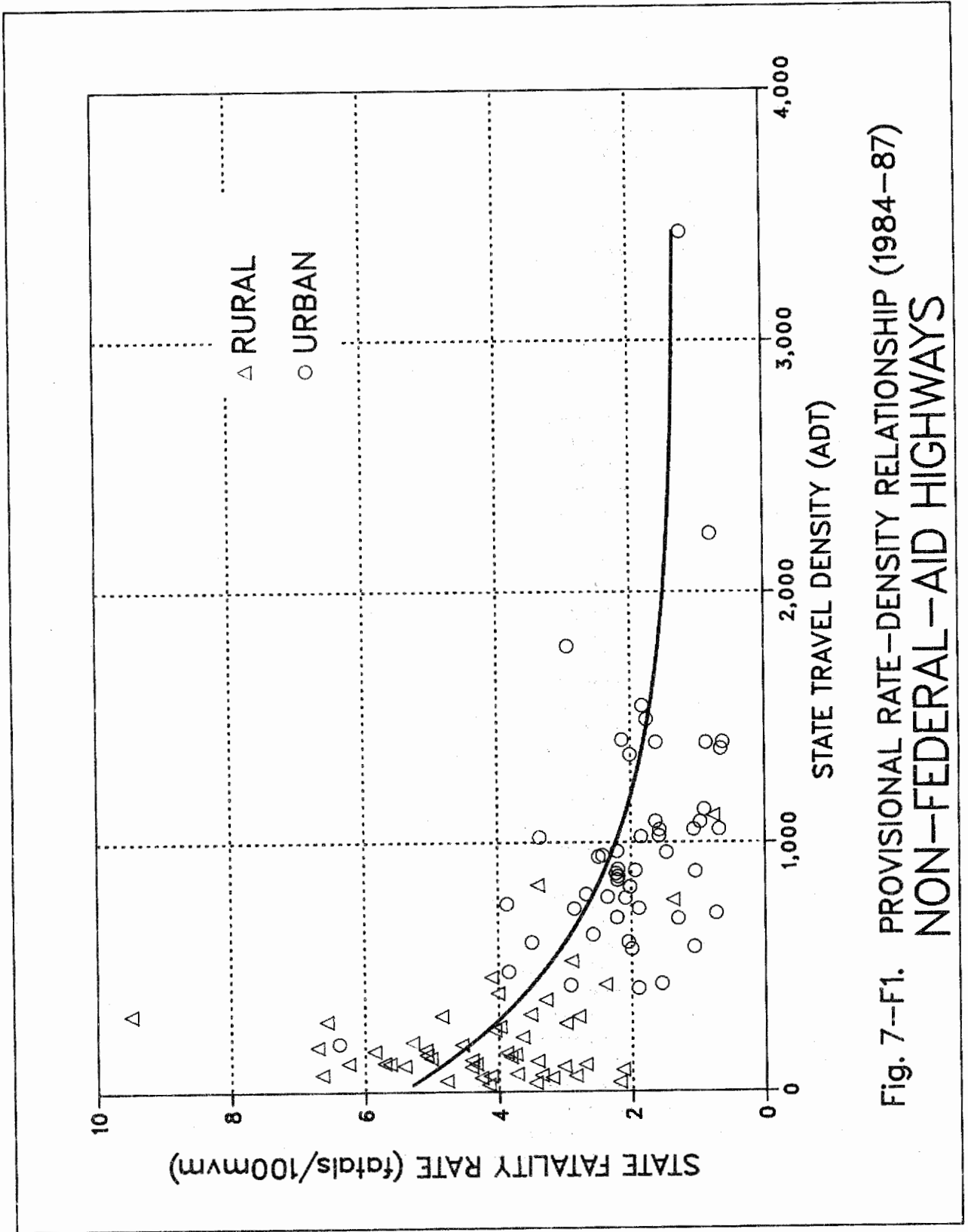


Fig. 7-F1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1984-87)
NON-FEDERAL-AID HIGHWAYS

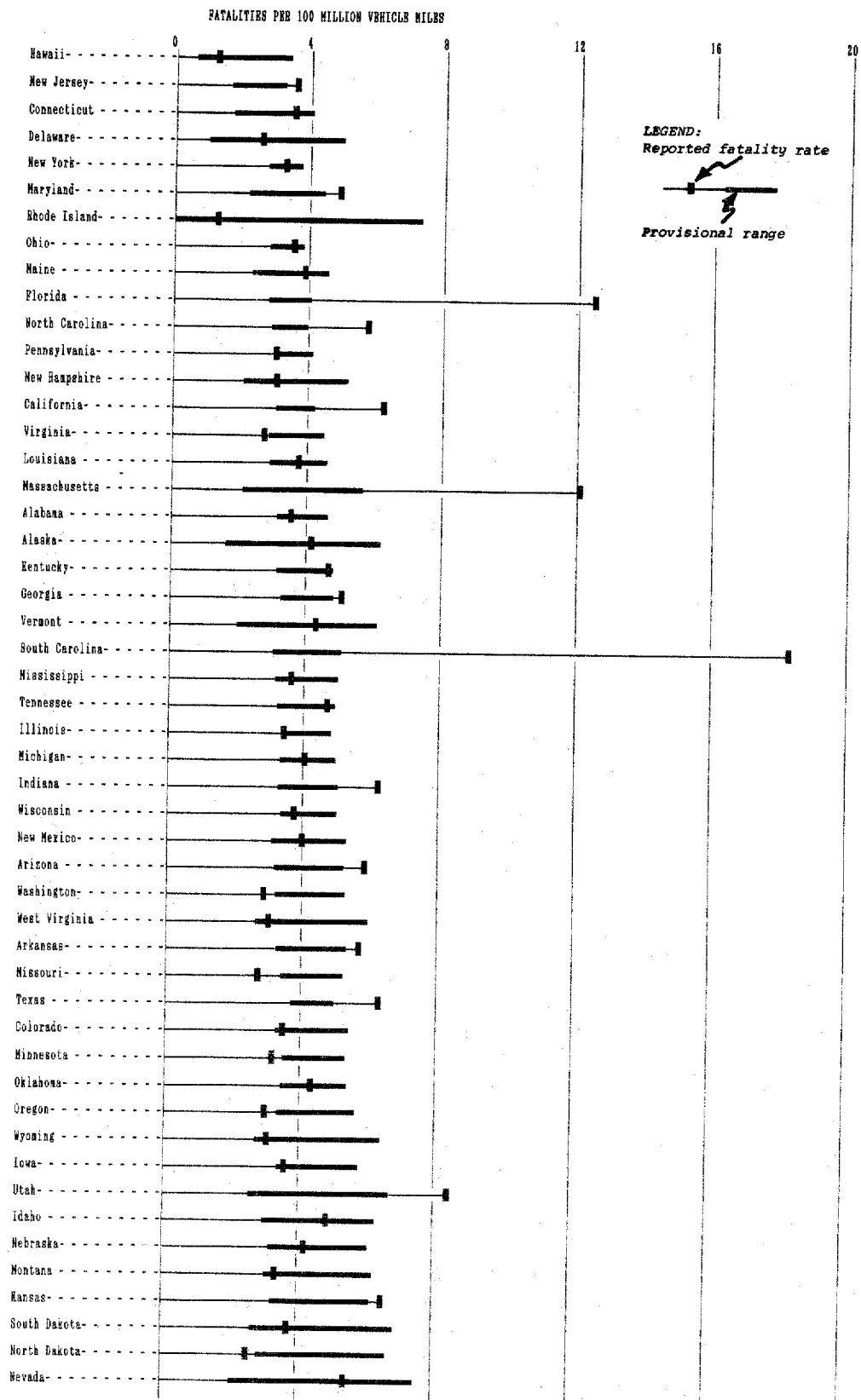


Figure 7-F2a FATALITY RATE BY STATE--RURAL NON-FEDERAL-AID HIGHWAYS (1988)

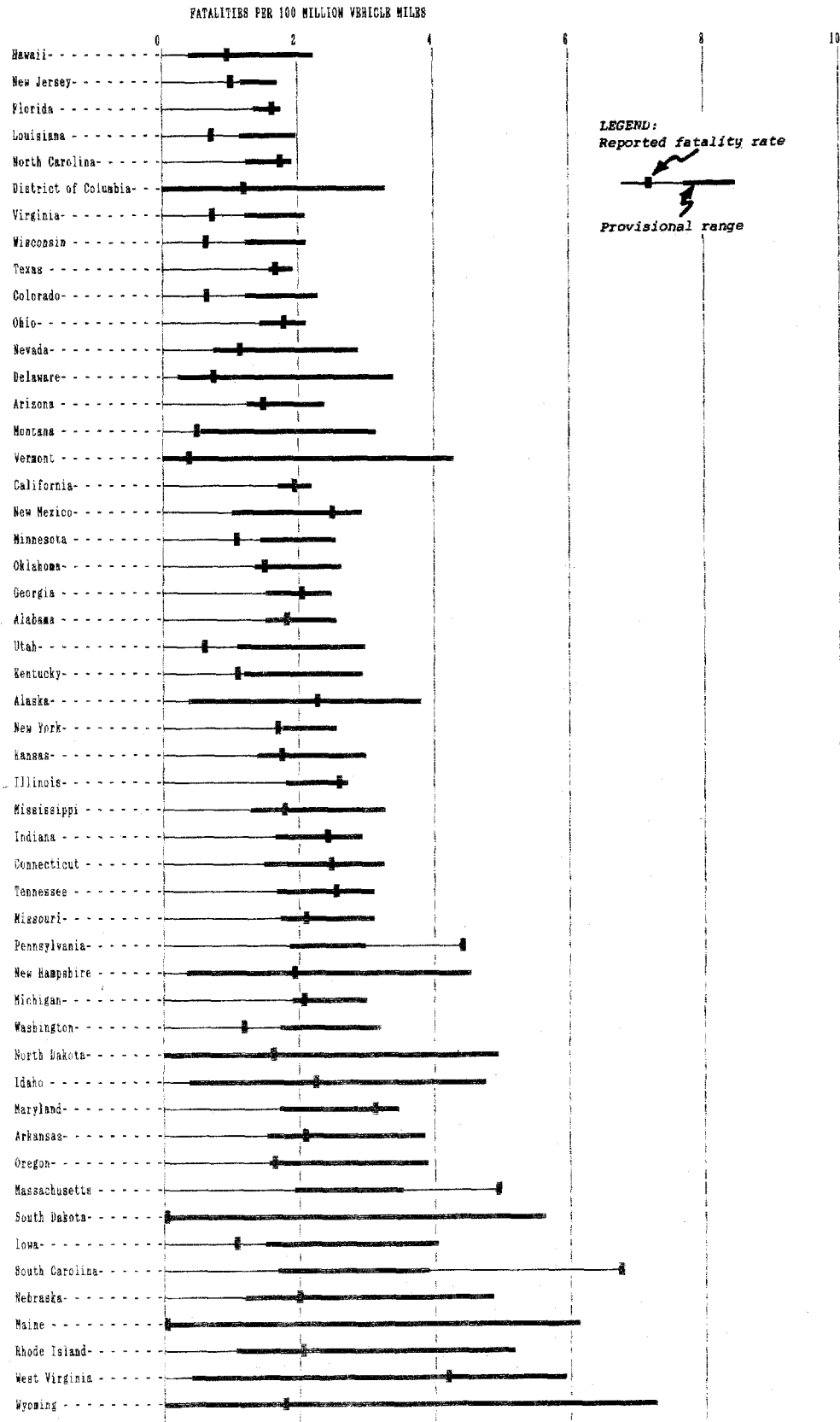


Figure 7-F2b FATALITY RATE BY STATE--URBAN NON-FEDERAL-AID HIGHWAYS (1988)

SECTION VI--STATE FATALITY RATE TRENDS

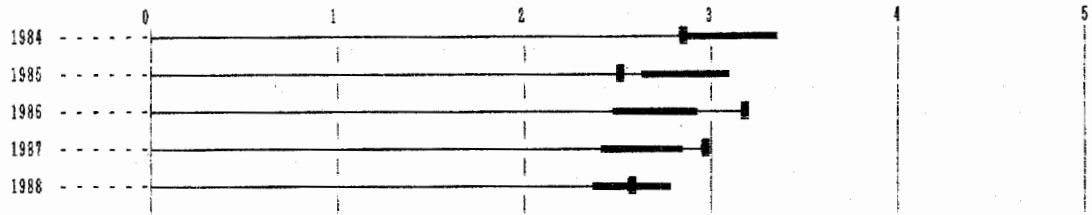
It is sometimes more useful to know the trend within a State than to know how that State compares with others. Figure 8 illustrates changes in State rates over the 5-year period from 1984 through 1988. The provisional range for each of the 5 years is based on the provisional rate-density curve for the 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 report.

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

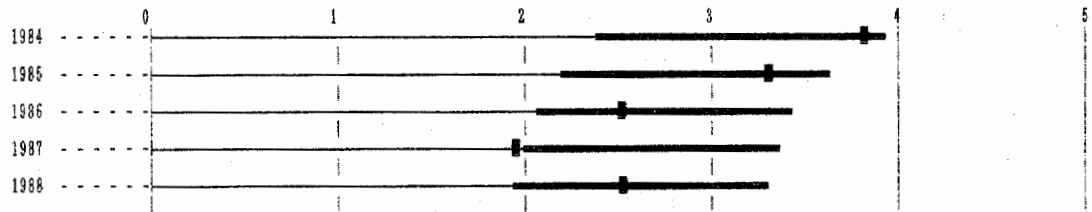
While New Hampshire demonstrates steadily decreasing fatality rates throughout the 5-year period, others report little improvement since 1984. In more than half the States, the rate reported for 1988 is lower than the rates for the preceding year. There were 18 States which had a 1988 fatality rate above 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 76-86.
*
*           2. How have fatality rates in a particular State compared
*           with those in the rest of the United States over the past
*           five 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 1984-1987 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
*           76-86.
*
*
*****
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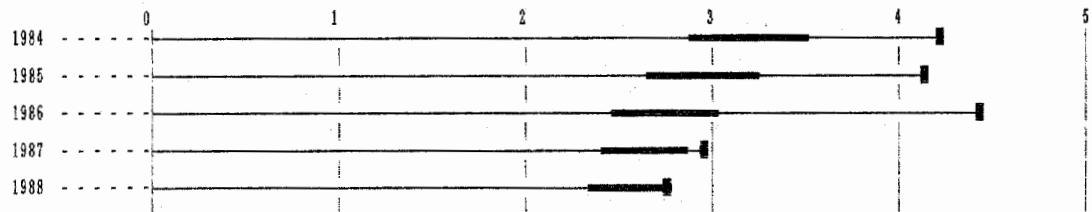
ALABAMA



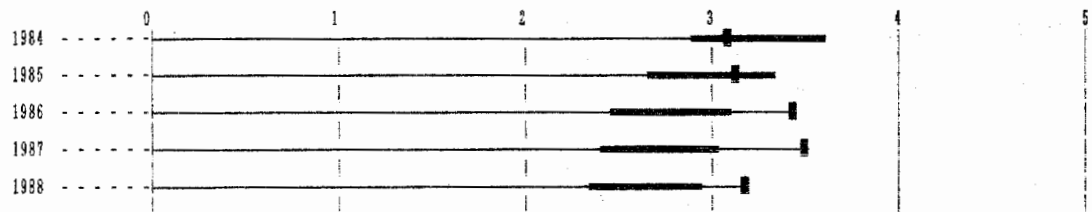
ALASKA



ARIZONA



ARKANSAS



CALIFORNIA

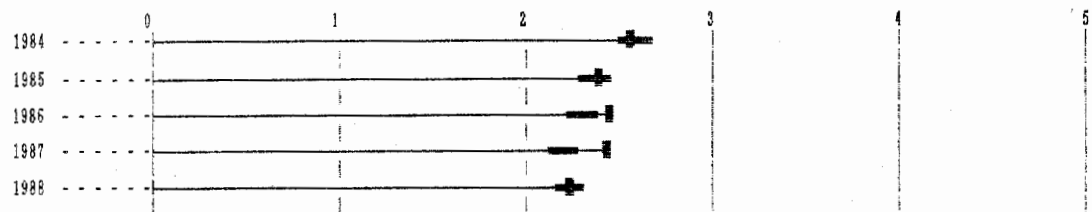
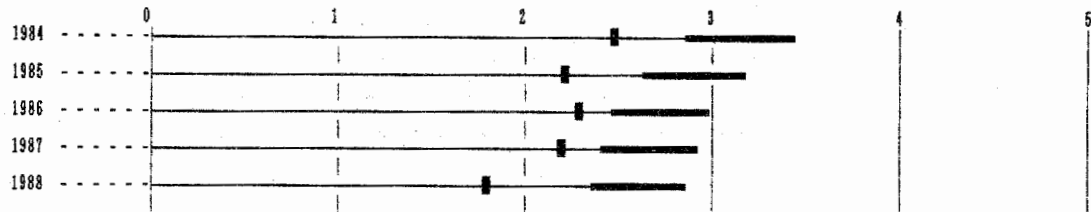
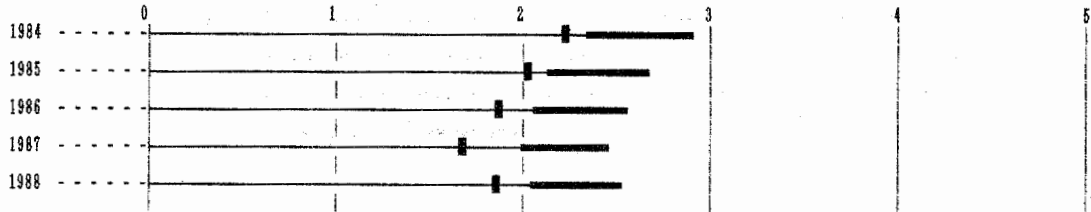


Figure 8 STATE FATALITY RATES (1984-1988)

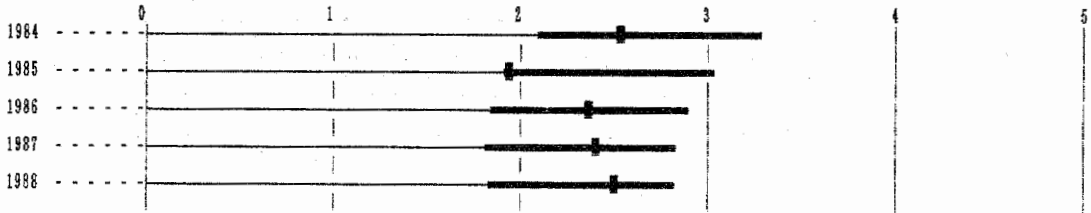
COLORADO



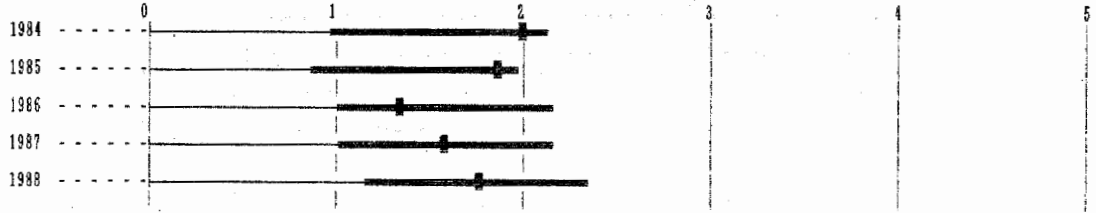
CONNECTICUT



DELAWARE



DISTRICT OF COLUMBIA



FLORIDA

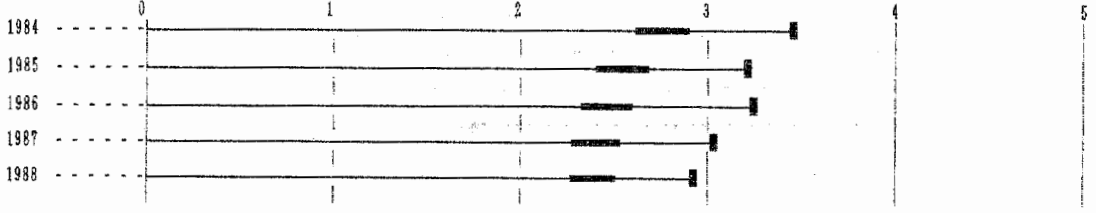
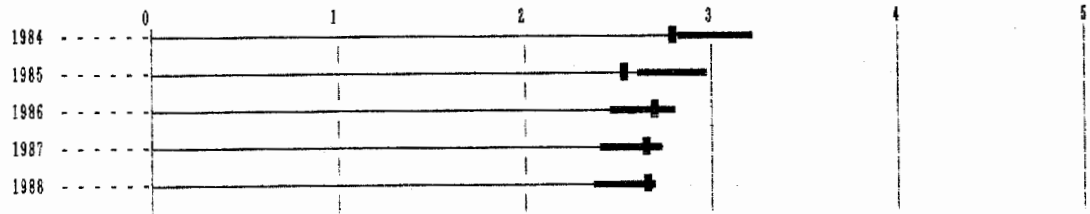
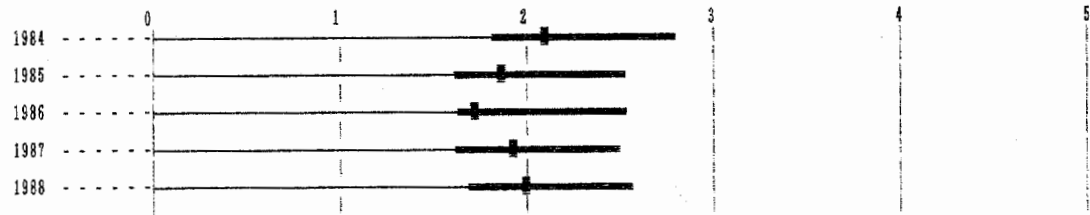


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

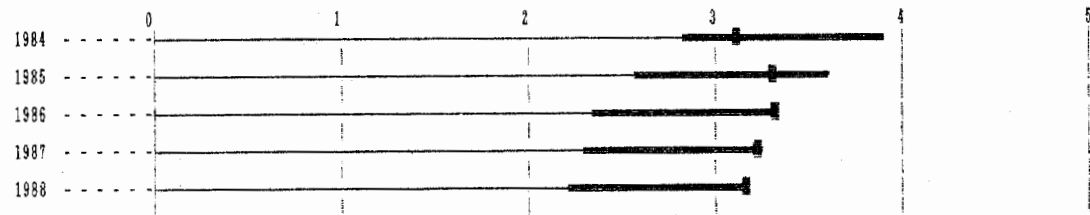
GEORGIA



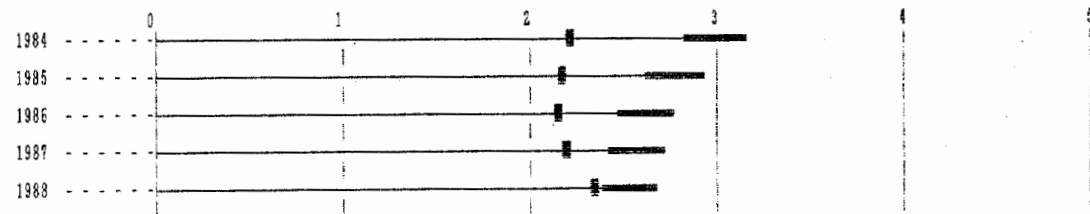
HAWAII



IDAHO



ILLINOIS



INDIANA

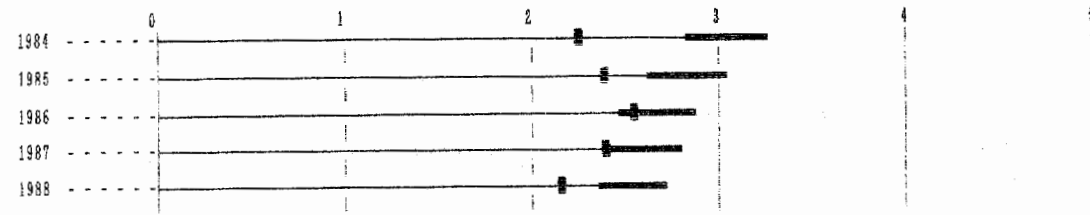
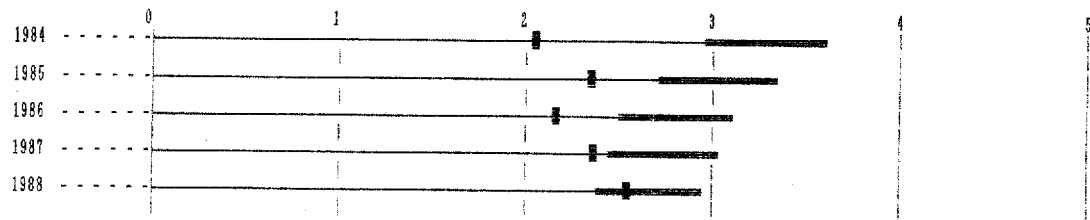
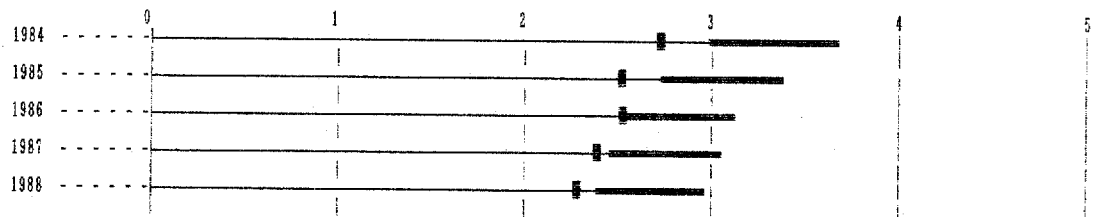


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

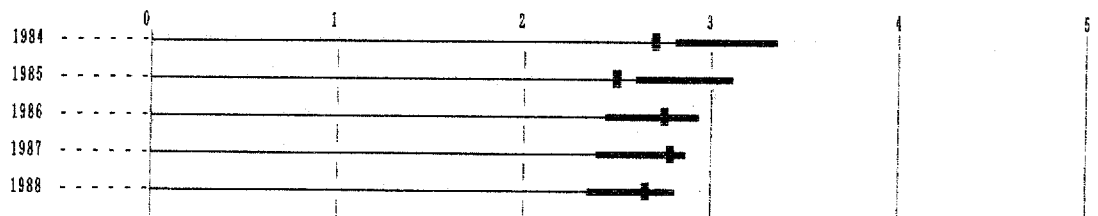
IOWA



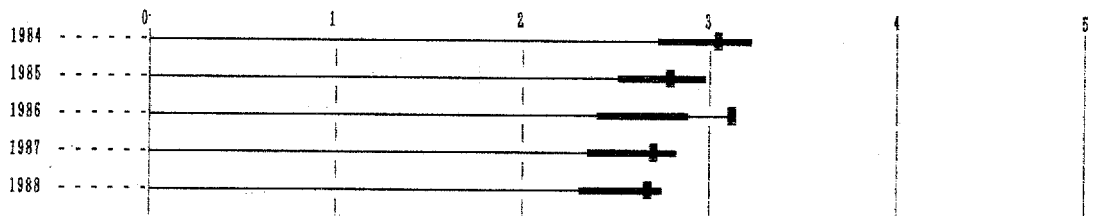
KANSAS



KENTUCKY



LOUISIANA



MAINE

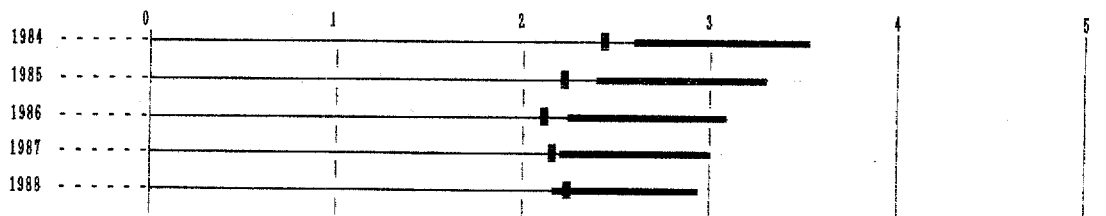
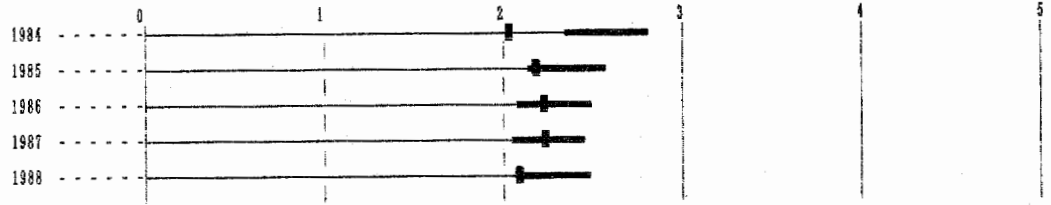
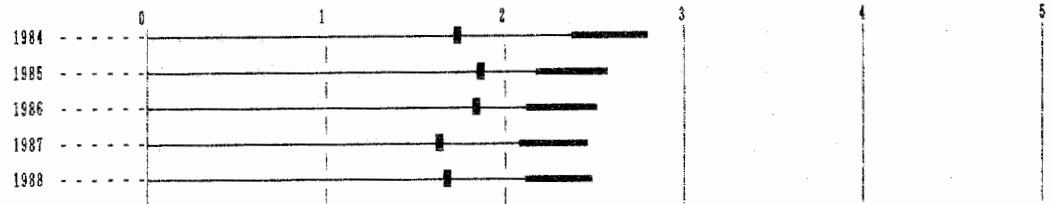


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

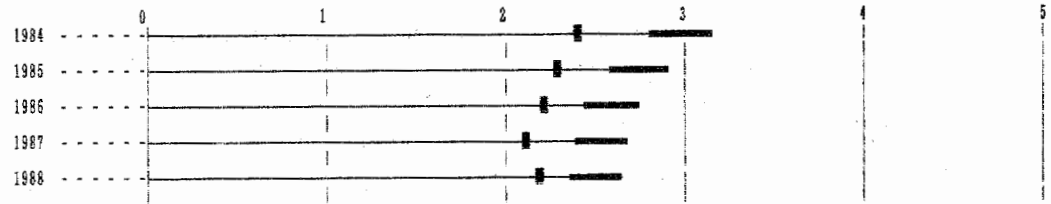
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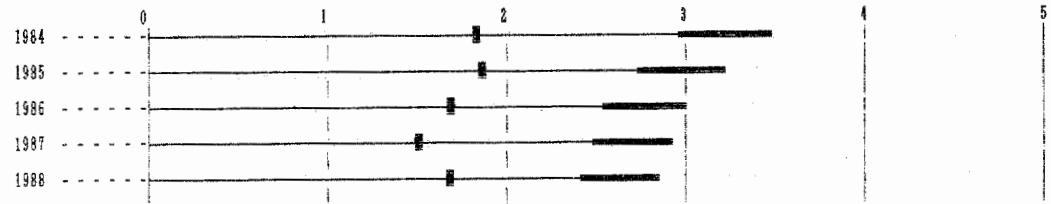
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MICHIGAN



MINNESOTA



MISSISSIPPI

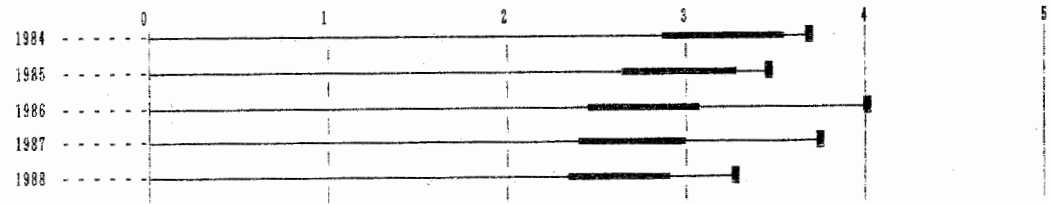
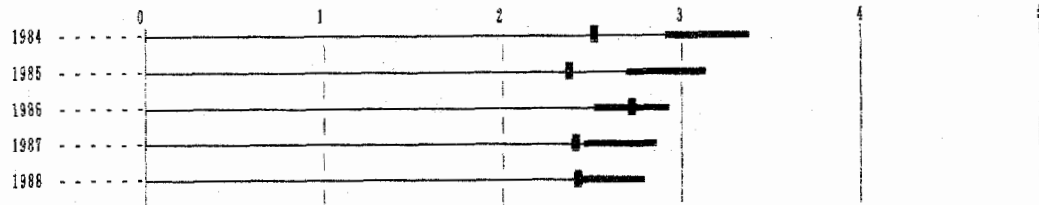
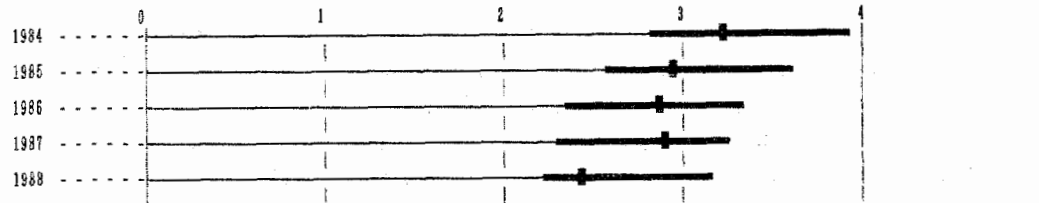


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

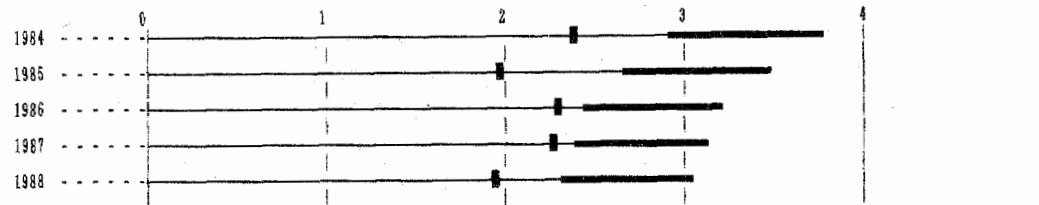
MISSOURI



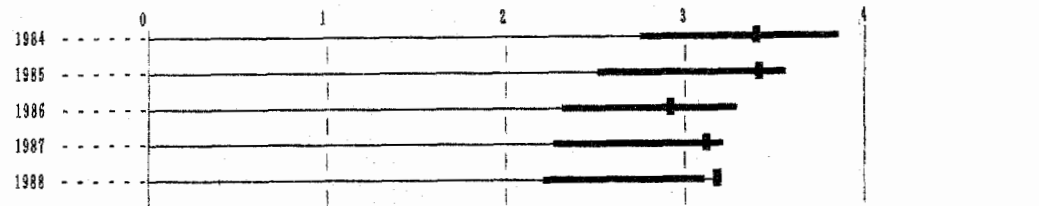
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NEBRASKA



NEVADA



NEW HAMPSHIRE

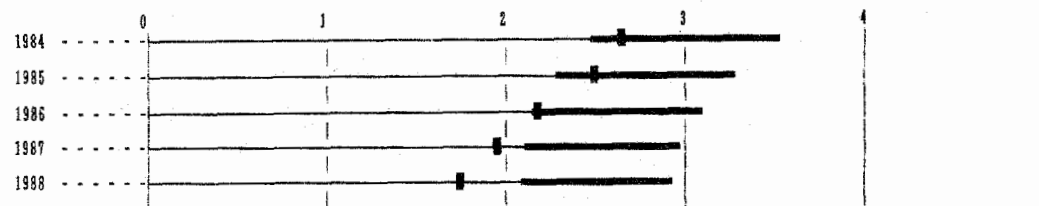
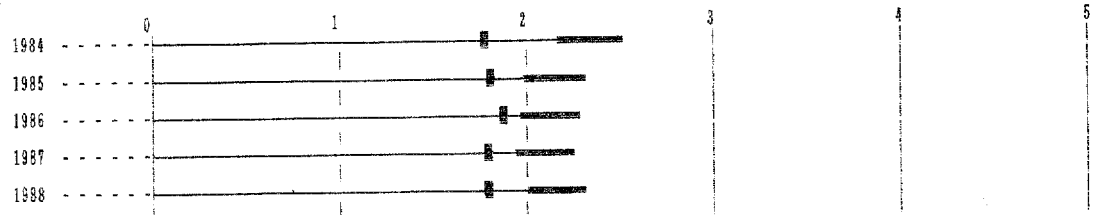
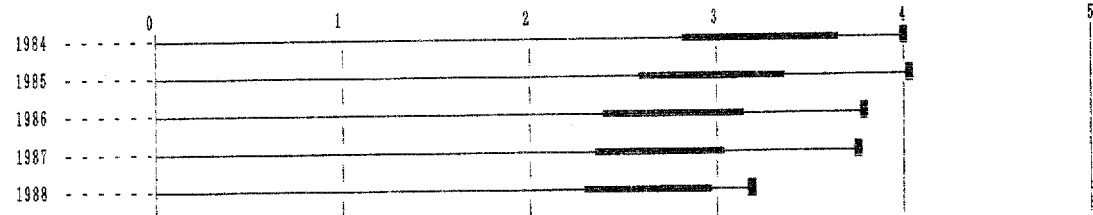


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

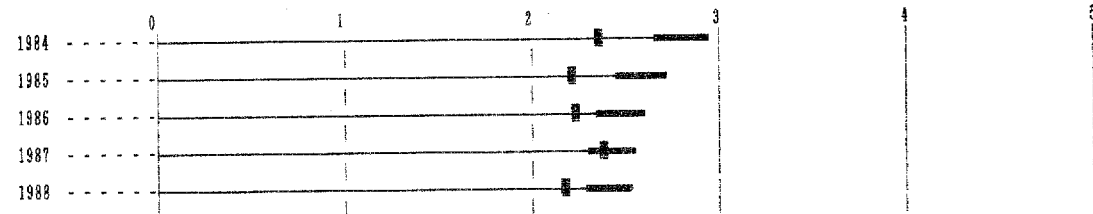
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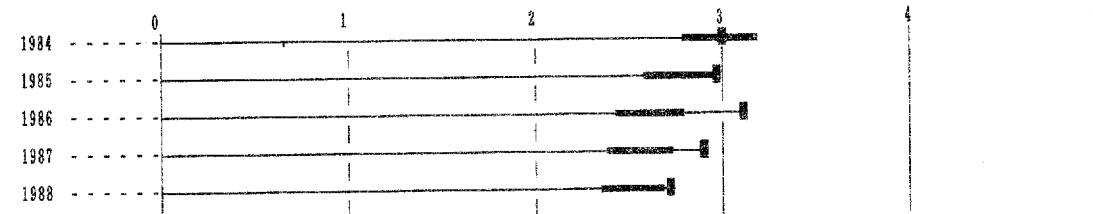
NEW MEXICO



NEW YORK



NORTH CAROLINA



NORTH DAKOTA

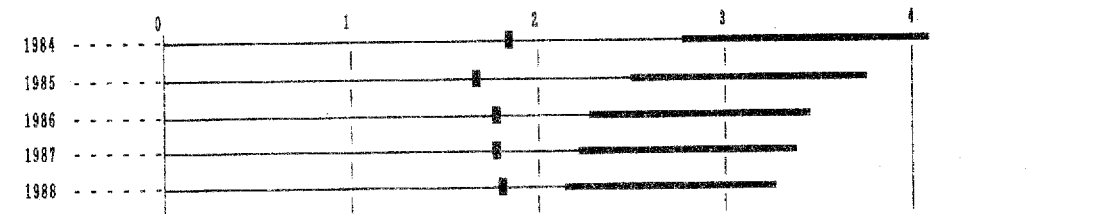
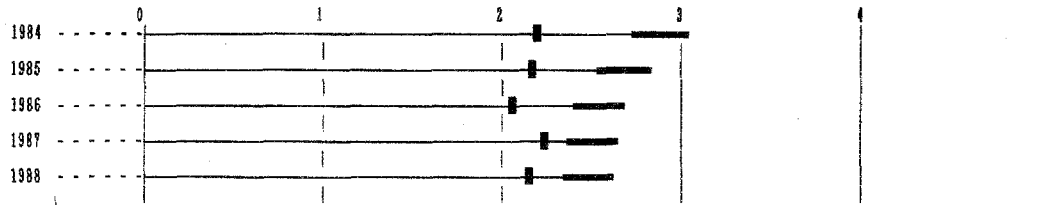
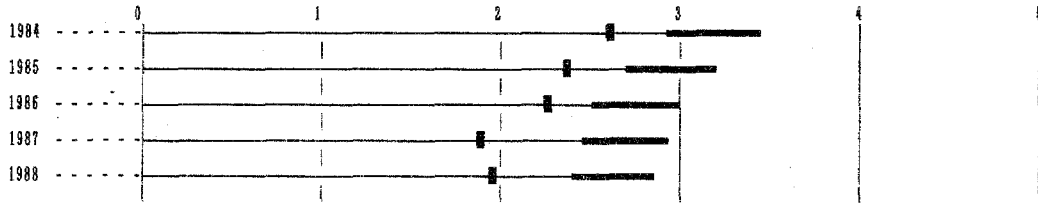


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

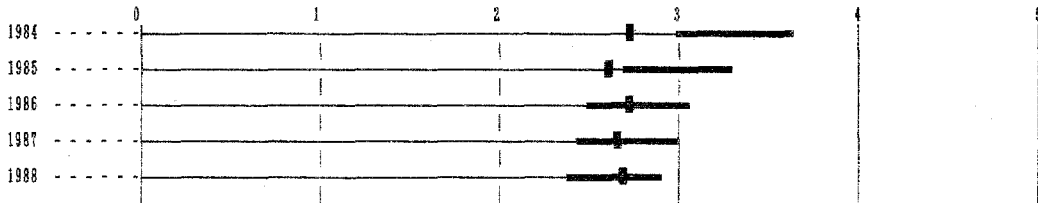
OHIO



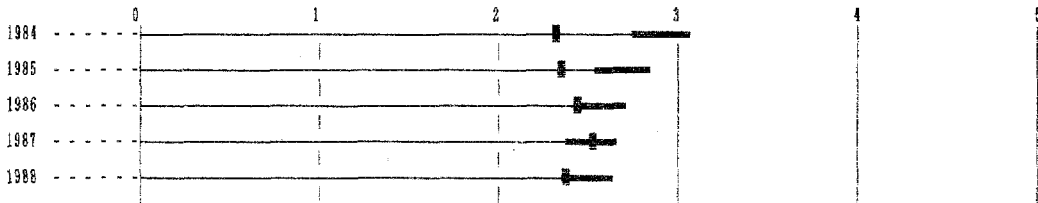
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OREGON



PENNSYLVANIA



RHODE ISLAND

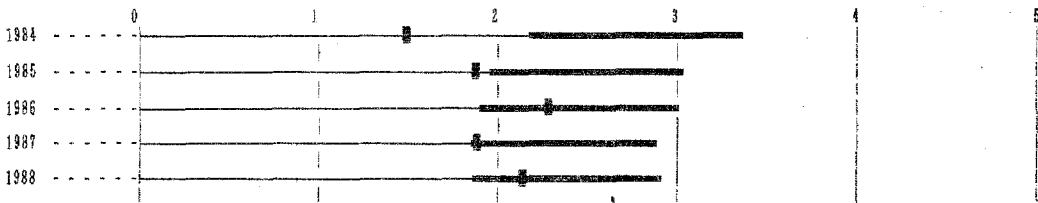
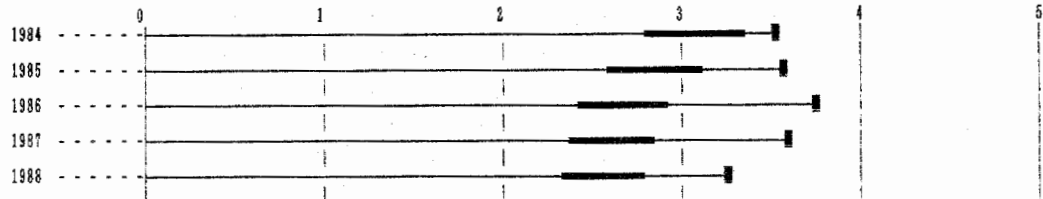
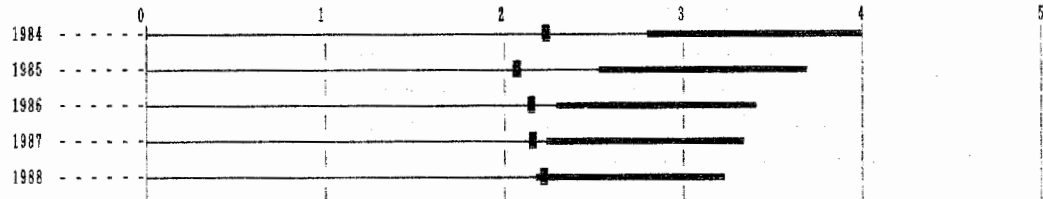


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

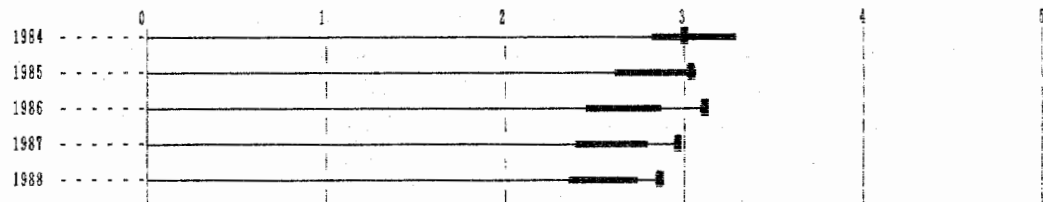
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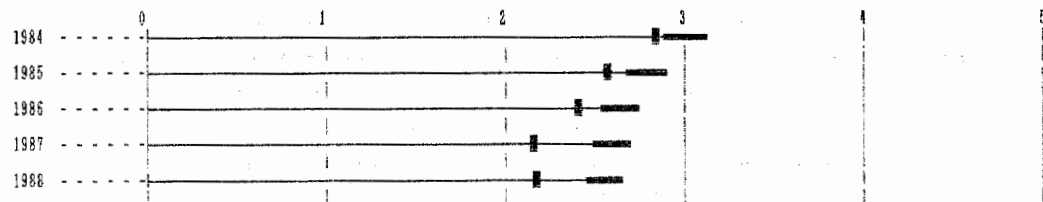
SOUTH DAKOTA



TENNESSEE



TEXAS



UTAH

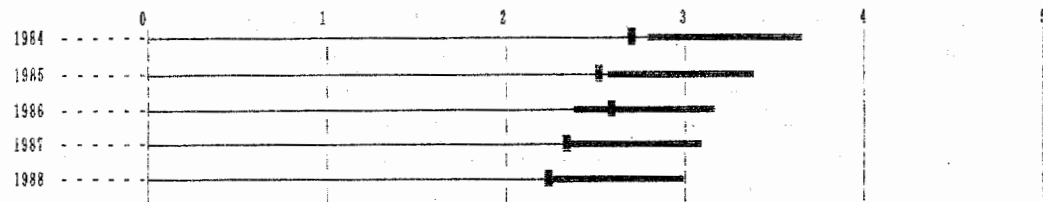
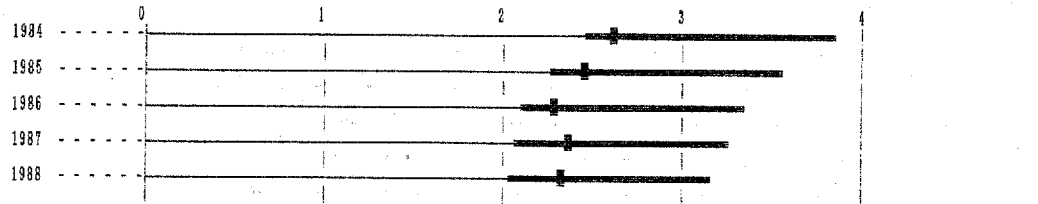
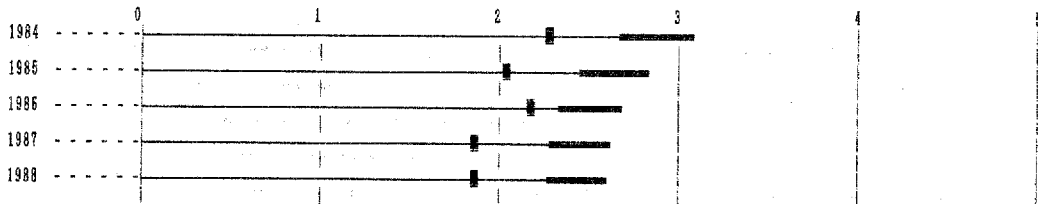


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

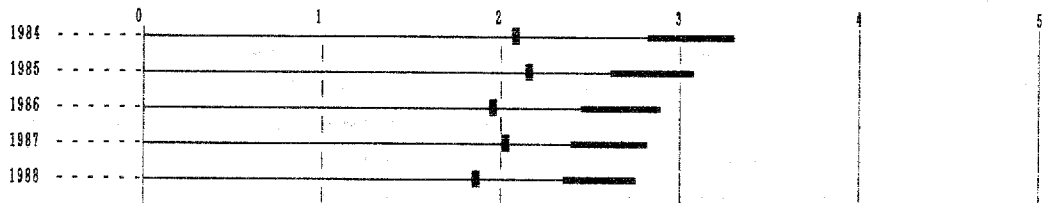
VERMONT



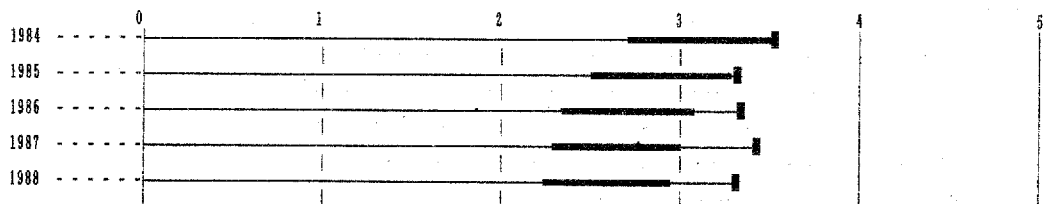
VIRGINIA



WASHINGTON



WEST VIRGINIA



WISCONSIN

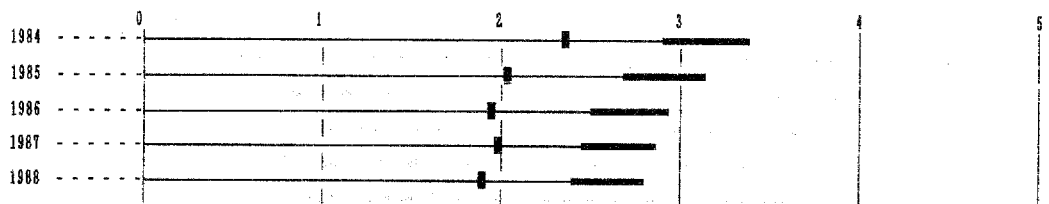
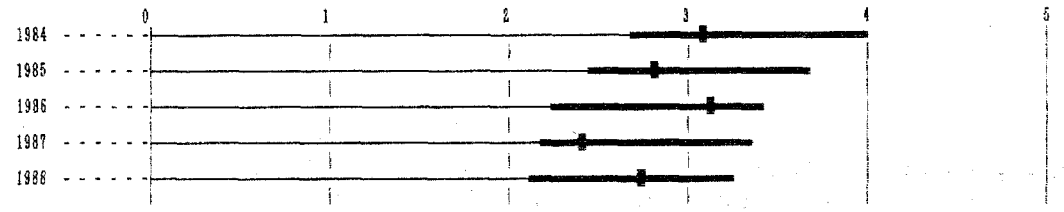


Figure 8 (continued) STATE FATALITY RATES (1984-1988)

WYOMING



LEGEND:
Reported fatality rate
Provisional range

Figure 8 (continued) STATE FATALITY RATES (1984-1988)

SECTION VII--SUMMARY

This report presents data which can be used in the evaluation of the highway safety performance of the States. The data were submitted by the States through the Highway Performance Monitoring System operated by the Federal Highway Administration.

Table 1 contains travel and accident data by highway system for the United States. It is a summary of the detailed data contained in Tables 2 through 6. Estimates have been included where data reported by the States were incomplete. Only one State, Tennessee, was unable to submit any nonfatal injury accident data in time for inclusion in this report. South Dakota, South Carolina and North Carolina were unable to submit nonfatal accident data for each highway system in time for publication.

The traffic accident statistics for 1988 show an increase of about 700 fatalities over 1987. A disproportionate share of these fatalities occurred on non-Federal-Aid collector and local highways. The overall fatality rate per 100 million vehicle miles of travel was 2.32, which was lower than the record low of 2.41 set in 1987.

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

Provisional Rates:

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





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