



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

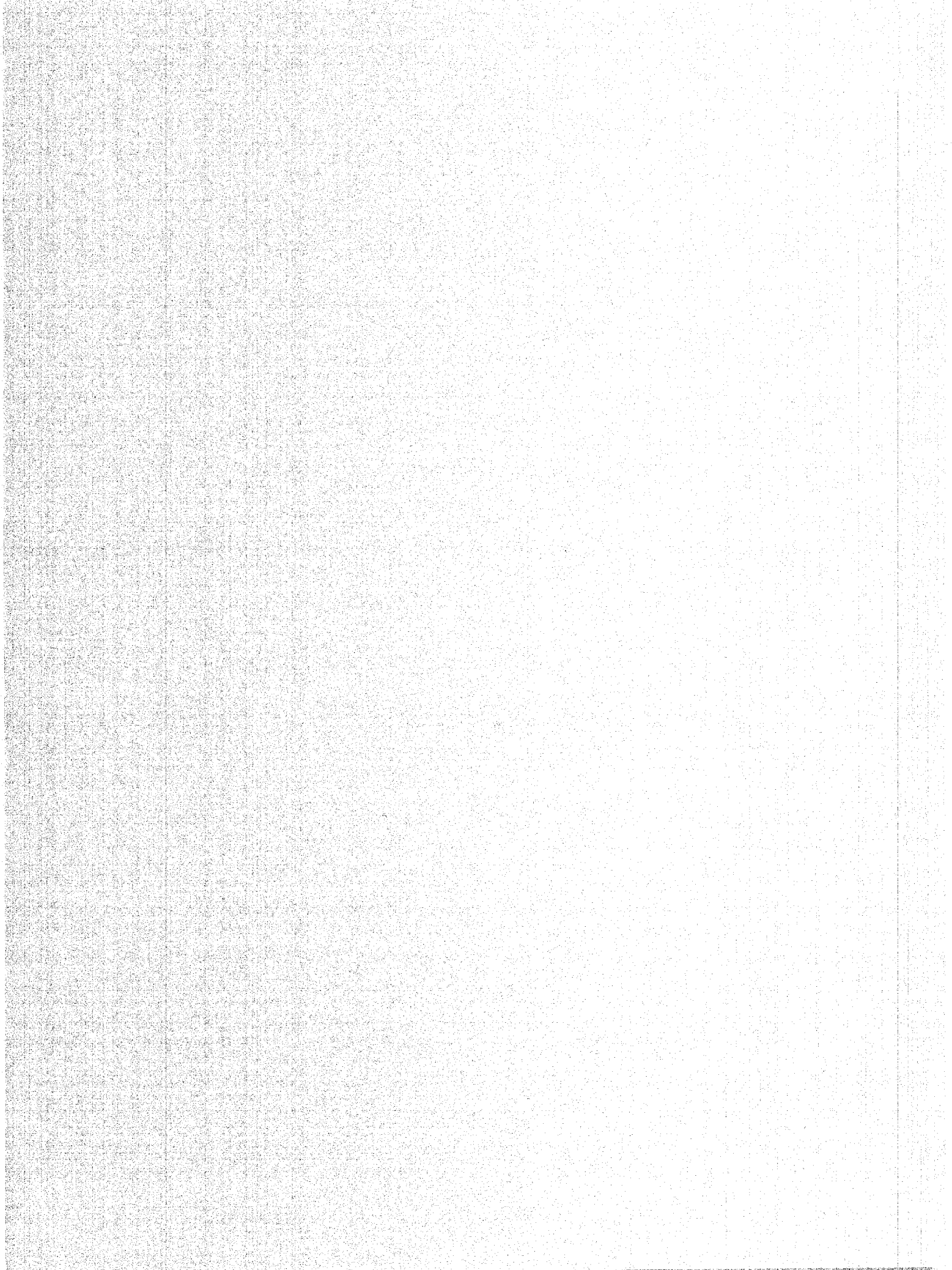
Highway Safety Performance—1983

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

Offices of Highway Safety
and Highway Planning

December 1984

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



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

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 second report to Congress under Section 207. The reports contain an extension of a series of statistical data published annually since 1967 by the Federal Highway Administration (FHWA) as "Fatal and Injury Accident Rates on Federal-Aid and Other Highway Systems." The series has been a cooperative effort of the FHWA's Offices of Traffic Operations, Highway Safety, and Highway Planning. 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 Planning. Data from the Fatal Accident Reporting System (FARS) administered by the National Highway Traffic Safety Administration (NHTSA) have been used to verify and supplement the HPMS data.

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HIGHWAY SAFETY PERFORMANCE - 1983

SECTION I--INTRODUCTION

A. Purpose of Report

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

B. Terminology

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

The two primary sources for the definitions which follow are Section 101 of Title 23 of the United States Code and the Manual on Classification of Motor Vehicle Traffic Accidents (ANSI D16.1-1976). It should be recognized that the accident data in this report have been collected and processed by thousands of persons in State and local agencies and that deviations from the standard definitions are not unusual. Most of the deviations are relatively minor, but some are not. Users of accident statistics should be constantly alert to the fact that statistical differences may reflect differences in terminology rather than differences in accident experience.

Terms used in this report are defined as follows:

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

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

A fatal injury is any injury that results in death.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The fatality statistics in this report differ somewhat from those reported elsewhere. For its motor vehicle traffic fatality statistics, the Department of Transportation (DOT) uses a 30-day counting rule.^{1/} Under this rule, deaths resulting from an accident are counted only if they occur within 30 days of the accident. Traffic fatalities are listed by the time and place of the fatal accident. Similar statistics published by the National Center for Health Statistics (NCHS) are listed by the time of death and place of residence of the deceased, using a 12-month counting rule. If a New York resident died on January 10, 1982, as a result of a December 27, 1981, accident in Vermont, the death would be reported as a

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

1982 New York traffic fatality by the National Center for Health Statistics and as a 1981 Vermont fatality by the Department of Transportation; if the death had not occurred until January 29—more than 30 days after the accident—it would have been included in NCHS reports for 1982 but not in DOT reports for any year.

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

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

C. Highway Safety Performance in 1983

The traffic accident statistics for 1983 show a respectable decrease of more than 1,200 fatalities, as compared to 1982. As a result of this decrease and an increase in the vehicle-miles of travel, the fatality rate per 100 million vehicle-miles of travel dropped from 2.75 to 2.58, setting a new record low.

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

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

TABLE 1. U.S. VEHICLE-MILE RATES BY HIGHWAY SYSTEM - 1983

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	32,788	144,733	12,094	1,872	1.29	36,534	25.24	2,178	1.50	58,421	40.36
URBAN	10,240	191,149	51,142	1,719	0.90	91,765	48.01	1,929	1.01	136,945	71.64
TOTAL	43,028	335,882	21,387	3,591	1.07	128,299	38.20	4,107	1.22	195,366	58.17
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	225,928	269,712	3,271	8,640	3.20	196,408	72.82	10,266	3.81	326,882	121.20
URBAN	31,084	213,450	18,814	3,580	1.68	253,111	118.58	3,987	1.87	386,774	181.19
TOTAL	257,012	483,172	5,151	12,220	2.53	449,519	93.03	14,253	2.95	713,656	147.70
FEDERAL-AID URBAN ARTERIAL	83,944	292,638	9,551	6,595	2.25	513,500	175.47	7,091	2.42	762,635	260.61
COLLECTOR	53,251	67,379	3,467	1,368	2.03	112,276	166.63	1,469	2.18	160,505	238.21
TOTAL (ALL URBAN)	137,195	360,017	7,189	7,963	2.21	625,776	173.82	8,560	2.38	923,140	256.42
FEDERAL-AID SECONDARY (COLLECTOR)											
TOTAL (ALL RURAL)	397,329	148,250	1,022	5,259	3.55	146,211	98.62	6,017	4.06	227,177	153.24
NON-FEDERAL-AID ARTERIAL											
RURAL	2,861	3,671	3,515	69	1.88	2,392	65.16	87	2.37	4,316	117.57
URBAN	8,317	24,487	8,066	613	2.50	24,150	98.62	640	2.61	36,063	147.27
TOTAL	11,178	28,158	6,902	682	2.42	26,542	94.26	727	2.58	40,379	143.40
NON-FEDERAL-AID COLLECTOR											
RURAL	336,900	52,342	426	1,867	3.57	74,936	143.17	2,061	3.94	111,441	212.91
URBAN	19,278	19,213	2,730	332	1.73	22,383	116.50	355	1.85	32,473	169.02
TOTAL	356,268	71,555	550	2,199	3.07	97,319	136.01	2,416	3.38	143,914	201.12
NON-FEDERAL-AID LOCAL											
RURAL	2,221,392	81,825	101	3,373	4.12	156,210	190.91	3,684	4.50	227,311	277.80
URBAN	456,236	140,247	842	2,679	1.91	375,562	267.79	2,832	2.02	530,177	378.03
TOTAL	2,677,628	222,072	227	6,052	2.73	531,772	239.46	6,516	2.93	757,488	341.10
ALL FEDERAL-AID											
RURAL	656,045	562,695	2,350	15,771	2.80	379,153	67.38	18,461	3.28	612,480	108.85
URBAN	178,519	764,626	11,735	13,262	1.73	970,652	126.94	14,476	1.89	1,446,859	189.22
TOTAL	834,564	1,327,321	4,357	29,033	2.19	1,349,805	101.69	32,937	2.48	2,059,339	155.15
ALL NON-FEDERAL-AID											
RURAL	2,561,243	137,838	147	5,309	3.85	233,538	169.43	5,832	4.23	343,068	248.89
URBAN	483,831	183,947	1,042	3,624	1.97	422,095	229.47	3,827	2.08	598,713	325.48
TOTAL	3,045,074	321,785	290	8,933	2.78	655,633	203.75	9,659	3.00	941,781	292.67
NON-INTERSTATE											
RURAL	3,184,500	555,800	478	19,208	3.46	576,157	103.66	22,115	3.98	897,127	161.41
URBAN	652,110	757,424	3,182	15,167	2.00	1,300,982	171.76	16,374	2.16	1,908,627	251.99
TOTAL	3,836,610	1,313,224	938	34,375	2.62	1,877,139	142.94	38,489	2.93	2,805,754	213.65
TOTAL											
RURAL	3,217,288	700,533	597	21,080	3.01	612,691	87.46	24,293	3.47	955,548	136.40
URBAN	662,350	948,573	3,924	16,886	1.78	1,392,747	146.83	18,303	1.93	2,045,572	215.65
TOTAL	3,879,638	1,649,106	1,155	37,966	2.30	2,005,438	121.61	42,596	2.58	3,001,120	181.98

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 1983. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1984 AND VEHICLE-MILES

OF TRAVEL ARE FROM THE HPMS AREAWIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1984. 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 NONFATALLY INJURED PERSONS WERE ESTIMATED BY FHWA FOR ARKANSAS, FLORIDA, ILLINOIS, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE AND RHODE ISLAND.

D. National Trends

In the early 70's, "3 by 80" was a popular safety slogan. The goal to which the slogan referred was the achievement, by 1980, of a national rate below 3 fatalities per 100 million vehicle-miles. While the goal was not reached in 1980, traffic fatality rates in 1982 and 1983 were well below 3.

The 1983 drop in the mileage fatality rate was a continuation of a long-term downward trend. From a rate of more than 18 fatalities per 100 million vehicle miles in the mid-20's, as shown in Figure 1, the average rate has gone downwards more than 3 percent per year to a rate well below three fatalities per 100 million vehicle-miles in 1983.

Figures 2 and 3 graphically illustrate national traffic fatality and injury rate trends from 1967 through 1983 for Interstate and other highway systems. Fatality rate trends were gradually downward for all systems during this period. Although these trends were interrupted by relatively stable periods following a sharp drop in 1974, downward movement has resumed. Trends for reported injury rates have also been generally downward during the 1967-1983 period.

Figures 4 and 5 illustrate national fatality and injury rate trends from 1978 through 1983 by highway system. In the mid-70's, non-Interstate Federal-aid highway systems were realigned by adopting functional classifications as the basis for assignment of highways to each system. As a result of these changes, trend data are only available for a short period for most systems. The time period covered in Figures 4 and 5 corresponds largely with the period of relative stability which is apparent in Figures 2 and 3.

The 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 - 1983)**

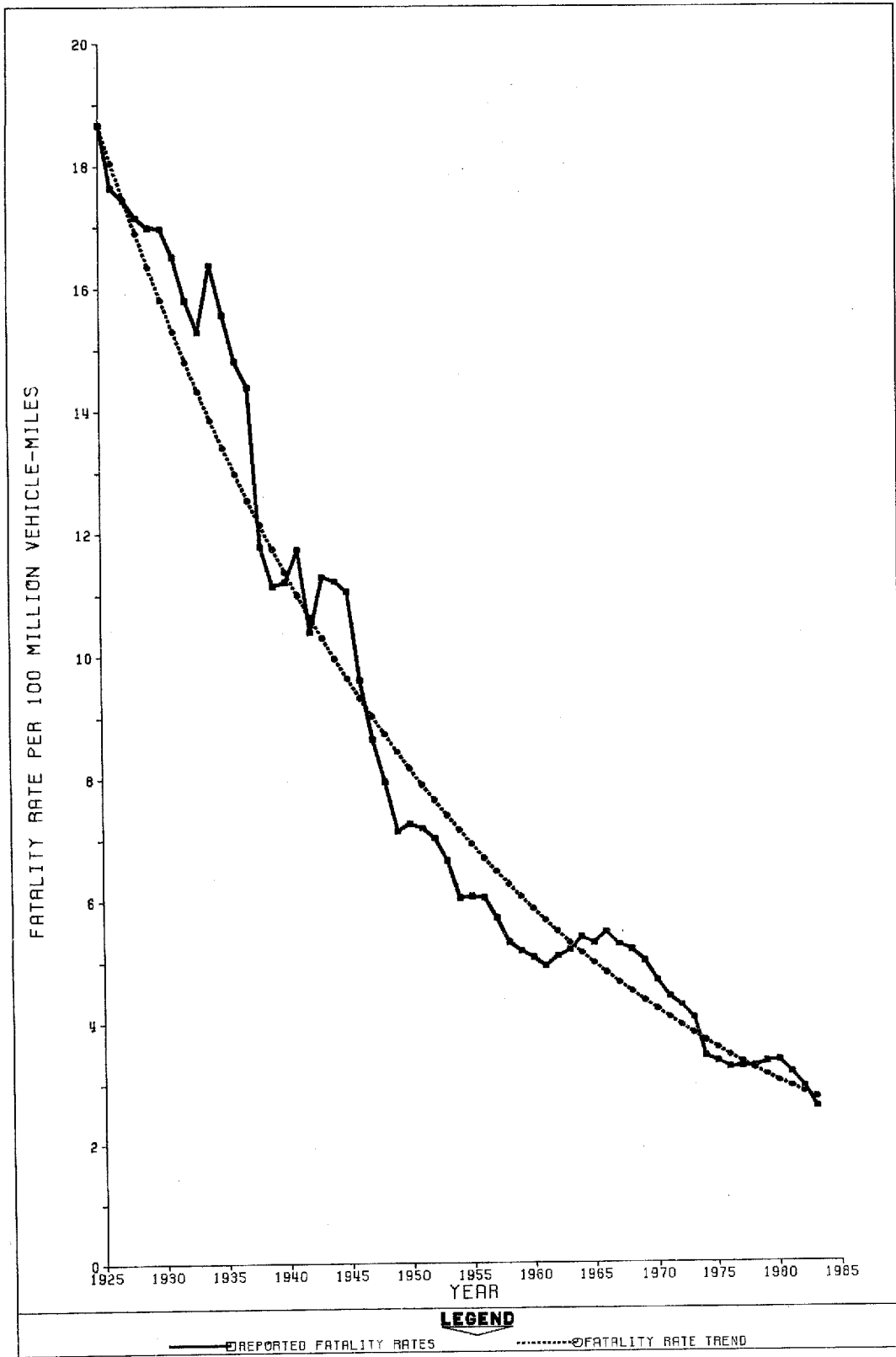


FIGURE 2. U.S. FATALITY RATES FOR INTERSTATE AND OTHER HIGHWAY SYSTEMS (1967-1983)

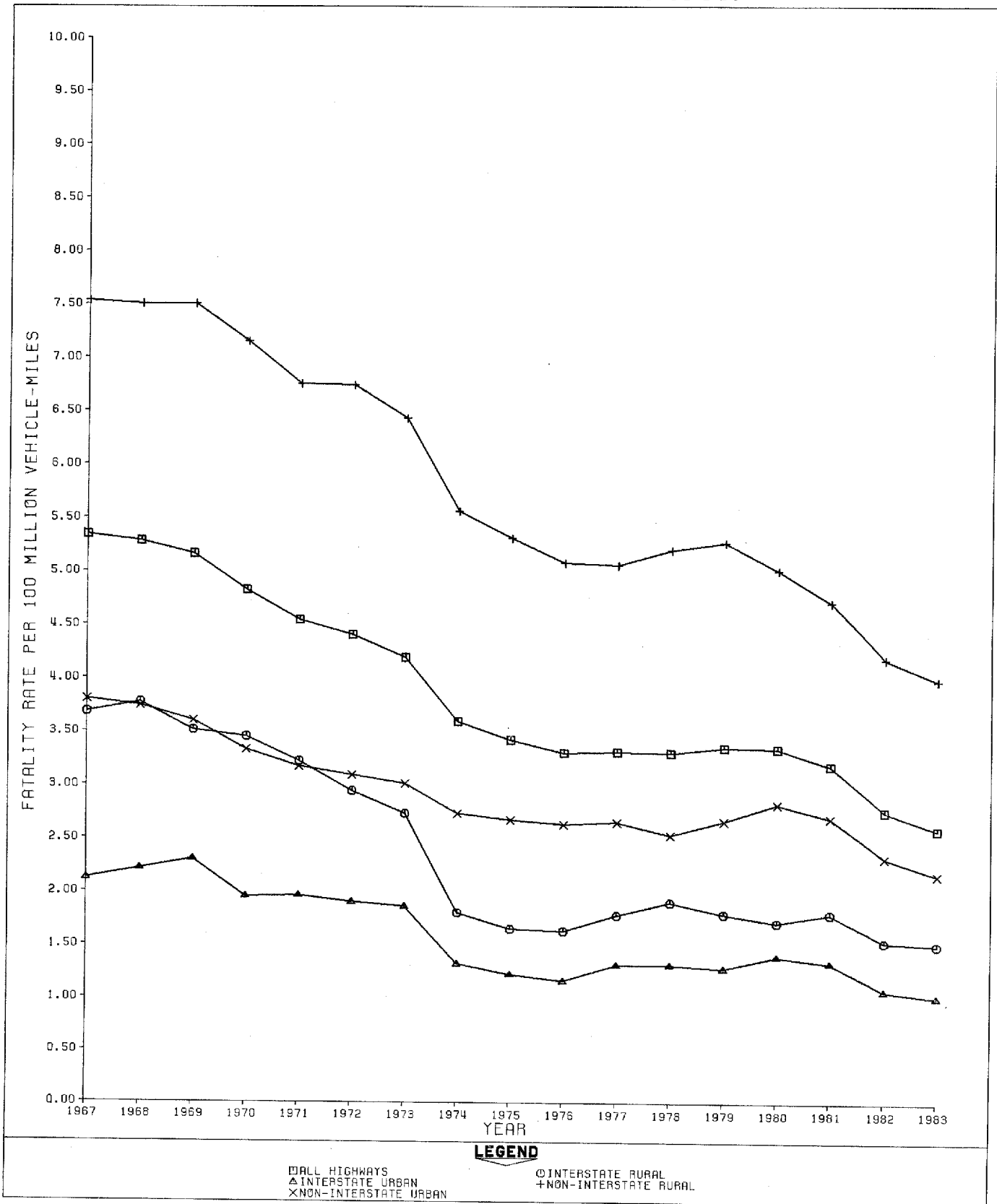


FIGURE 3. U.S. INJURY RATES FOR INTERSTATE AND OTHER HIGHWAY SYSTEMS (1967 - 1983)

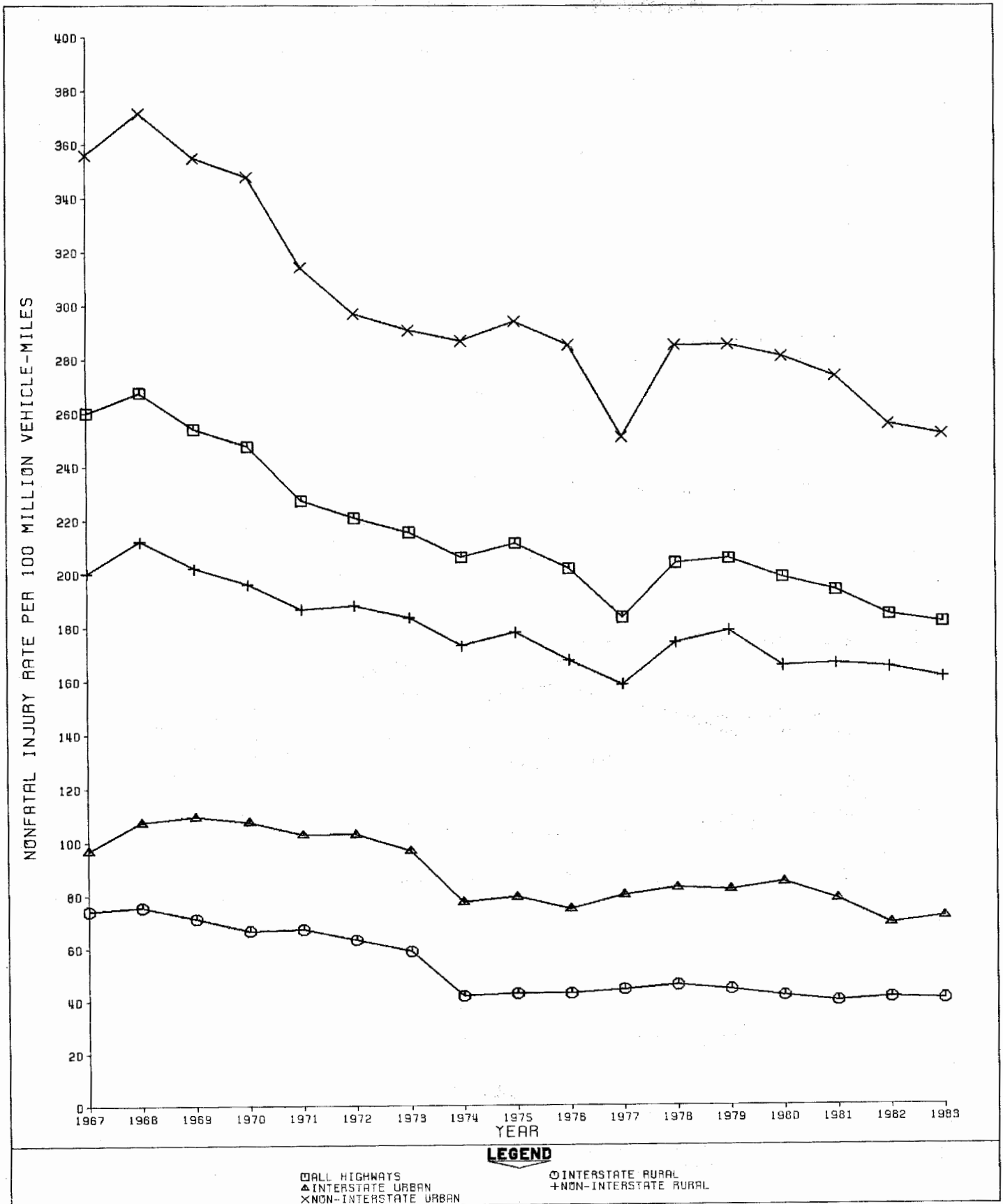


FIGURE 4. U.S. FATALITY RATES BY HIGHWAY SYSTEM (1978 - 1983)

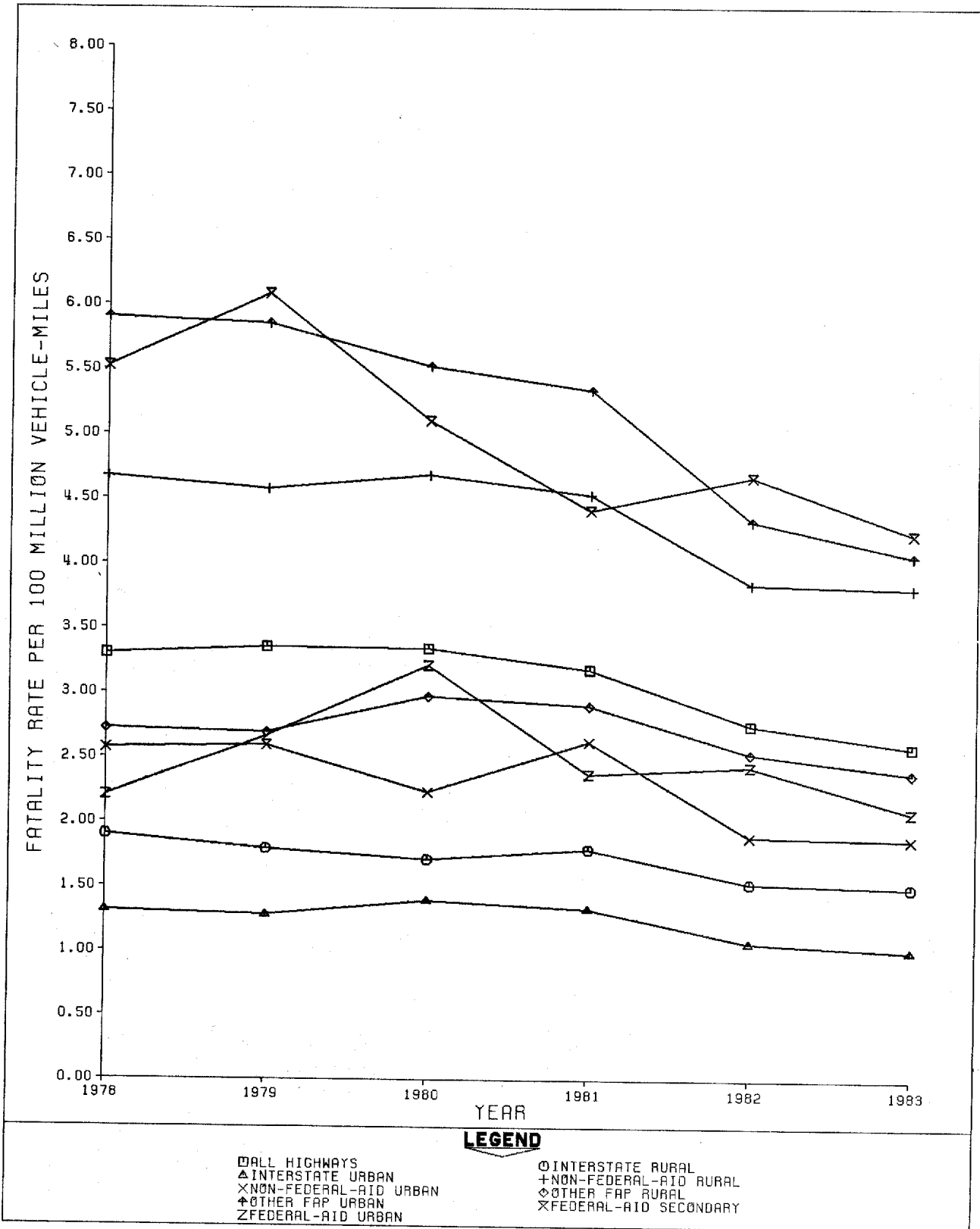
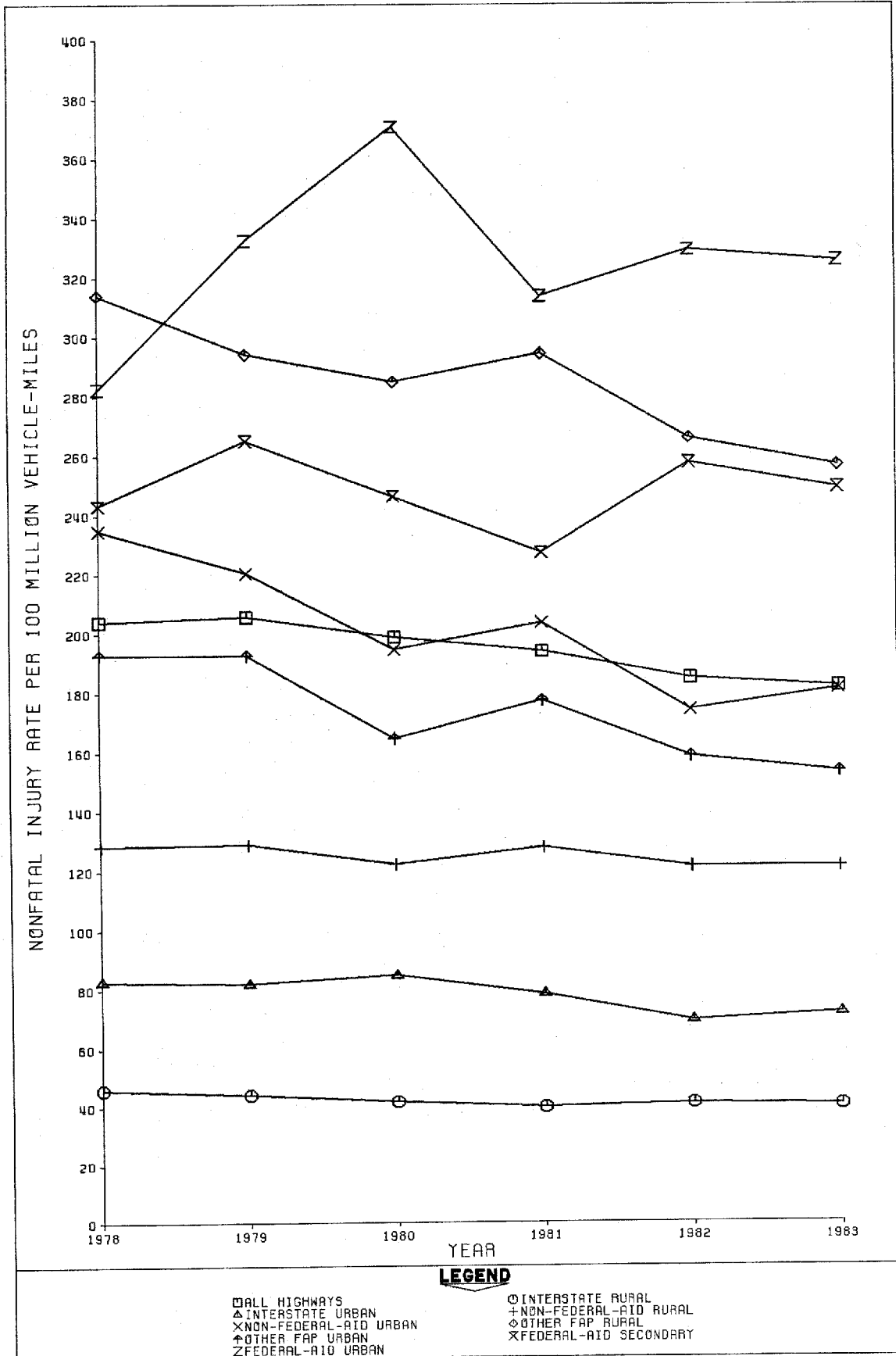


FIGURE 5. U.S. NONFATAL INJURY RATES BY HIGHWAY SYSTEM (1978 - 1983)



E. Comparison of State Statistics

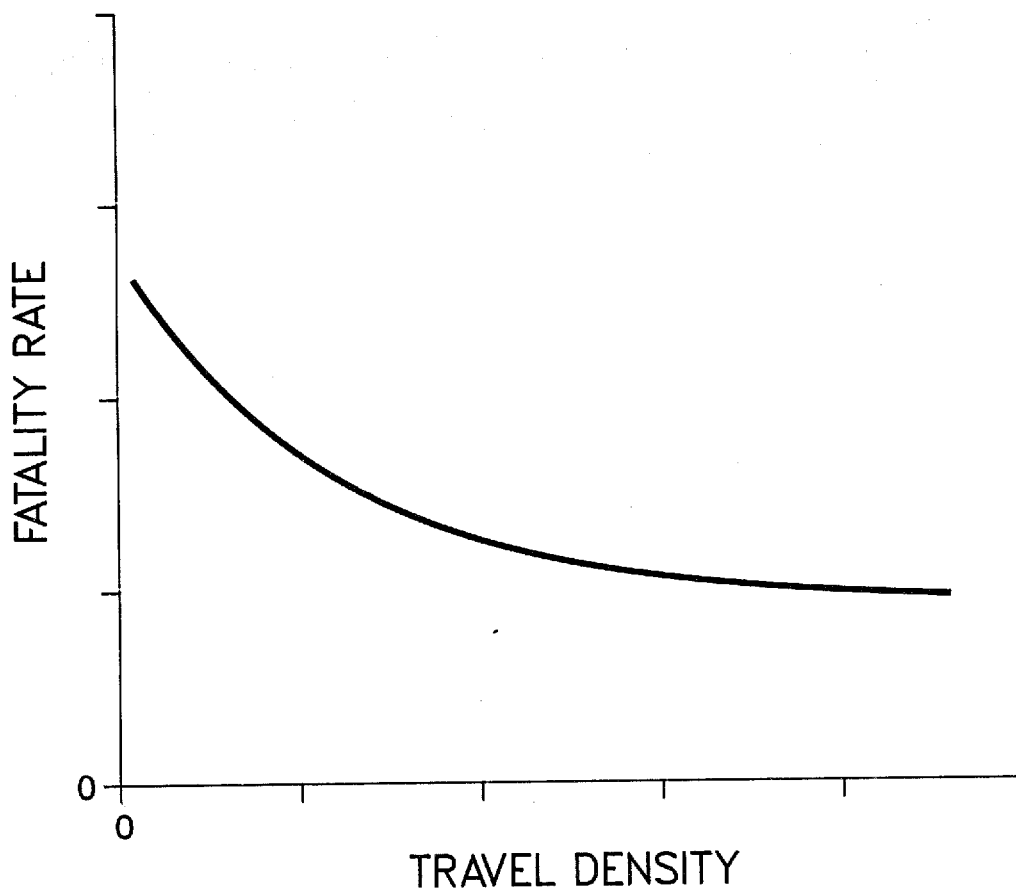
This report was prepared to help meet the need for statistical data to be used in comparing and evaluating the highway safety performance of the States. Those who use the report should be aware of some of the strengths and weaknesses of the data. For the most part, the data have been submitted by State 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 is a function of the highway departments themselves. The quality of the reported data is generally high but varies somewhat within the States. As is evident from the tables which follow in Section III, not every State was able to summarize its accident data in time for inclusion in this report.

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

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

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

Figure 6. RELATIONSHIP BETWEEN FATALITY RATES AND TRAVEL DENSITY



SECTION II--VEHICLE MILEAGE RATES

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

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

TABLE 3-A. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	639	2,850	12,219	42	1.47	ALABAMA	191	2,112	30,295	10	0.47
ALASKA	1,072	765	1,955	31	4.05	ALASKA	20	215	29,452	7	3.26
ARIZONA	1,021	3,078	8,259	71	2.31	ARIZONA	123	1,179	26,261	17	1.44
CALIFORNIA	1,443	9,458	17,957	159	1.68	CALIFORNIA	938	34,545	100,900	214	0.62
COLORADO	788	2,639	9,175	52	1.97	COLORADO	158	2,333	40,454	39	1.67
CONNECTICUT	108	992	25,165	8	0.81	CONNECTICUT	229	4,846	57,977	62	1.28
DELAWARE	-	-	-	-	-	DELAWARE	41	729	48,714	5	0.69
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	361	82,420	2	0.55
GEORGIA	886	6,278	19,413	47	0.75	GEORGIA	296	6,424	59,459	45	0.70
HAWAII	5	50	27,397	4	8.00	HAWAII	31	808	71,410	7	0.87
IDAHO	536	1,148	5,868	22	1.92	IDAHO	71	361	13,930	2	0.55
INDIANA	854	4,189	13,439	53	1.27	INDIANA	259	3,442	36,410	24	0.70
IOWA	614	2,272	10,138	14	0.62	IOWA	123	849	18,911	18	2.12
KANSAS	654	1,732	7,256	11	0.64	KANSAS	154	1,321	23,501	10	0.76
KENTUCKY	379	3,766	17,820	34	0.90	KENTUCKY	159	2,544	43,836	26	1.02
LOUISIANA	519	3,428	18,096	42	1.23	LOUISIANA	167	2,350	38,553	25	1.06
MICHIGAN	714	3,736	14,336	25	0.67	MICHIGAN	615	6,930	45,750	45	0.65
MINNESOTA	696	2,300	9,054	5	0.22	MINNESOTA	177	3,167	49,021	18	0.57
MISSISSIPPI	567	1,985	9,591	34	1.71	MISSISSIPPI	119	945	21,757	10	1.06
MISSOURI	824	3,692	12,276	45	1.22	MISSOURI	308	5,524	49,137	68	1.23
MONTANA	1,089	1,356	3,411	35	2.58	MONTANA	46	131	7,802	3	2.29
NEBRASKA	444	1,436	8,861	12	0.84	NEBRASKA	38	482	34,751	5	1.04
NEVADA	502	1,086	5,927	42	3.87	NEVADA	36	446	33,942	5	1.12
NEW JERSEY	128	1,453	31,100	3	0.21	NEW JERSEY	253	6,051	65,526	40	0.66
NEW MEXICO	913	2,343	7,031	67	2.86	NEW MEXICO	87	669	21,068	8	1.20
NEW YORK	881	4,342	13,503	32	0.74	NEW YORK	607	10,504	47,410	84	0.80
NORTH CAROLINA	578	3,771	17,875	41	1.09	NORTH CAROLINA	186	2,007	29,563	23	1.15
NORTH DAKOTA	533	731	3,757	4	0.55	NORTH DAKOTA	38	129	9,301	1	0.78
OHIO	880	7,106	22,123	42	0.59	OHIO	666	11,944	49,134	85	0.71
OREGON	585	2,566	12,017	31	1.21	OREGON	133	1,864	38,397	10	0.54
PENNSYLVANIA	1,186	6,589	15,221	61	0.93	PENNSYLVANIA	338	5,019	40,682	41	0.82
SOUTH CAROLINA	647	2,951	12,496	35	1.19	SOUTH CAROLINA	109	1,189	29,886	19	1.60
SOUTH DAKOTA	636	1,186	5,109	14	1.18	SOUTH DAKOTA	41	147	9,823	0	0.00
TENNESSEE	826	5,974	19,815	59	0.99	TENNESSEE	205	3,339	44,624	35	1.05
TEXAS	2,273	10,125	12,204	212	2.09	TEXAS	843	18,493	60,102	299	1.62
UTAH	681	1,490	5,994	27	1.81	UTAH	125	1,766	38,707	19	1.08
VERMONT	302	713	6,468	3	0.42	VERMONT	18	94	14,307	1	1.06
VIRGINIA	799	4,558	15,629	47	1.03	VIRGINIA	226	4,160	50,430	26	0.62
WASHINGTON	483	2,912	16,518	32	1.10	WASHINGTON	232	5,491	64,844	34	0.62
WEST VIRGINIA	389	1,400	9,860	12	0.86	WEST VIRGINIA	90	712	21,674	9	1.26
WISCONSIN	466	2,920	17,167	18	0.62	WISCONSIN	111	1,974	48,723	6	0.30
WYOMING	868	1,371	4,327	38	2.77	WYOMING	49	134	7,492	3	2.24
SUBTOTAL	28,608	122,737	11,754	1,566	1.28	SUBTOTAL	8,468	157,730	51,032	1,410	0.89
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

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

TABLE 3-B. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	5,903	6,176	2,866	287	4.65	ALABAMA	745	3,394	12,481	52	1.53
ALASKA	1,013	372	1,006	17	4.57	ALASKA	31	77	6,805	4	5.19
ARIZONA	3,316	3,162	2,612	134	4.24	ARIZONA	172	1,145	18,238	36	3.14
CALIFORNIA	9,746	18,352	5,159	690	3.76	CALIFORNIA	1,332	23,207	47,733	274	1.19
COLORADO	4,399	4,059	2,528	149	3.67	COLORADO	561	2,757	13,464	61	2.21
CONNECTICUT	689	1,683	6,692	44	2.61	CONNECTICUT	576	3,457	16,443	58	1.69
DELAWARE	332	1,261	10,406	31	2.46	DELAWARE	96	673	19,207	17	2.53
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	158	1,543	26,756	35	2.27
GEORGIA	8,665	9,040	2,858	269	2.98	GEORGIA	1,412	6,920	13,427	130	1.88
HAWAII	371	881	6,506	28	3.18	HAWAII	111	1,231	30,384	32	2.60
IDAHO	2,707	1,678	1,698	67	3.99	IDAHO	42	196	12,785	6	3.06
INDIANA	4,209	7,293	4,747	178	2.44	INDIANA	782	4,555	15,958	95	2.09
IOWA	8,177	5,889	1,973	152	2.58	IOWA	686	2,661	10,627	48	1.80
KANSAS	7,762	4,822	1,702	125	2.59	KANSAS	338	1,361	11,032	24	1.76
KENTUCKY	3,279	4,578	3,825	146	3.19	KENTUCKY	457	2,585	15,497	38	1.47
LOUISIANA	2,664	5,104	5,249	276	5.41	LOUISIANA	496	2,776	15,334	60	2.16
MICHIGAN	4,679	8,357	4,893	176	2.11	MICHIGAN	1,246	9,783	21,511	124	1.27
MINNESOTA	8,804	7,291	2,269	142	1.95	MINNESOTA	481	2,534	14,433	42	1.66
MISSISSIPPI	5,295	5,097	2,637	214	4.20	MISSISSIPPI	351	1,663	12,981	17	1.02
MISSOURI	6,359	6,858	2,955	212	3.09	MISSOURI	535	3,294	16,869	51	1.55
MONTANA	5,370	2,222	1,134	108	4.86	MONTANA	109	401	10,079	4	1.00
NEBRASKA	6,941	3,578	1,412	89	2.49	NEBRASKA	277	1,243	12,294	10	0.80
NEVADA	1,789	961	1,472	35	3.64	NEVADA	59	448	20,803	5	1.12
NEW JERSEY	814	2,970	9,996	76	2.56	NEW JERSEY	645	8,363	35,523	133	1.59
NEW MEXICO	3,378	2,641	2,142	133	5.04	NEW MEXICO	187	796	11,662	38	4.77
NEW YORK	6,479	9,116	3,855	303	3.32	NEW YORK	1,793	18,933	28,930	309	1.63
NORTH CAROLINA	3,731	7,433	5,458	180	2.42	NORTH CAROLINA	626	4,466	19,546	115	2.58
NORTH DAKOTA	5,460	1,726	866	40	2.32	NORTH DAKOTA	127	499	10,765	5	1.00
OHIO	4,809	8,348	4,756	208	2.49	OHIO	1,545	6,801	12,060	136	2.00
OREGON	4,589	4,474	2,671	163	3.64	OREGON	395	2,326	16,133	37	1.59
PENNSYLVANIA	8,026	14,589	4,980	448	3.07	PENNSYLVANIA	1,905	16,236	23,350	207	1.27
SOUTH CAROLINA	4,945	6,276	3,477	204	3.25	SOUTH CAROLINA	645	3,088	13,117	63	2.04
SOUTH DAKOTA	5,697	2,239	1,077	64	2.86	SOUTH DAKOTA	115	459	10,935	4	0.87
TENNESSEE	5,195	6,829	3,601	259	3.79	TENNESSEE	800	4,424	15,151	96	2.17
TEXAS	15,061	20,280	3,689	646	3.19	TEXAS	1,626	13,624	22,956	273	2.00
UTAH	2,465	1,478	1,543	49	3.32	UTAH	106	469	12,122	5	1.07
VERMONT	1,043	1,100	2,889	35	3.18	VERMONT	71	221	8,528	1	0.45
VIRGINIA	4,949	8,650	4,789	220	2.54	VIRGINIA	450	2,985	18,174	49	1.64
WASHINGTON	4,463	5,618	3,449	122	2.17	WASHINGTON	610	4,367	19,614	77	1.76
WEST VIRGINIA	2,263	2,733	3,309	135	4.94	WEST VIRGINIA	181	817	12,367	20	2.45
WISCONSIN	7,990	9,294	3,187	248	2.67	WISCONSIN	930	4,590	13,522	60	1.31
WYOMING	2,861	1,340	1,283	48	3.58	WYOMING	122	358	8,040	7	1.96
SUBTOTAL	196,687	225,848	3,146	7,150	3.17	SUBTOTAL	23,932	171,726	19,659	2,858	1.66
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

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

TABLE 3-C. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	1,372	3,961	7,910	62	1.57	ALABAMA	895	928	2,841	40	4.31
ALASKA	78	509	17,878	17	3.34	ALASKA	121	103	2,332	2	1.94
ARIZONA	1,139	4,313	10,374	147	3.41	ARIZONA	549	908	4,531	11	1.21
CALIFORNIA	11,469	57,452	13,724	1,523	2.65	CALIFORNIA	4,223	5,222	3,333	89	1.70
COLORADO	1,874	4,761	6,960	93	1.95	COLORADO	1,227	823	1,838	14	1.70
CONNECTICUT	1,225	3,816	8,535	92	2.41	CONNECTICUT	1,705	1,688	2,712	30	1.78
DELAWARE	157	658	11,482	10	1.52	DELAWARE	148	266	4,924	2	0.75
DIST. OF COL.	102	502	13,484	9	1.79	DIST. OF COL.	145	300	5,668	5	1.67
GEORGIA	1,775	4,848	7,483	95	1.96	GEORGIA	1,562	3,203	5,618	63	1.97
HAWAII	120	938	21,416	20	2.13	HAWAII	56	222	10,861	4	1.80
IDAHO	333	1,056	8,688	30	2.84	IDAHO	237	381	4,404	0	0.00
INDIANA	2,985	6,388	5,863	153	2.40	INDIANA	1,831	1,729	2,587	35	2.02
IOWA	1,372	1,773	3,540	32	1.80	IOWA	923	641	1,903	5	0.78
KANSAS	1,060	2,521	6,516	26	1.03	KANSAS	478	281	1,611	5	1.78
KENTUCKY	1,089	3,351	8,431	62	1.85	KENTUCKY	764	1,092	3,916	20	1.83
LOUISIANA	1,105	2,985	7,401	35	1.17	LOUISIANA	748	775	2,839	73	9.42
MICHIGAN	2,907	12,550	11,828	322	2.57	MICHIGAN	1,921	5,294	7,550	21	0.40
MINNESOTA	1,417	5,038	9,741	67	1.33	MINNESOTA	525	535	2,792	8	1.50
MISSISSIPPI	931	1,711	5,035	23	1.34	MISSISSIPPI	748	647	2,370	12	1.85
MISSOURI	1,793	6,264	9,571	108	1.72	MISSOURI	519	573	3,025	13	2.27
MONTANA	235	521	6,074	16	3.07	MONTANA	91	53	1,596	2	3.77
NEBRASKA	642	1,461	6,235	16	1.10	NEBRASKA	399	387	2,657	3	0.78
NEVADA	438	1,936	12,110	65	3.36	NEVADA	66	124	5,147	3	2.42
NEW JERSEY	3,539	12,301	9,523	299	2.43	NEW JERSEY	1,812	3,031	4,583	50	1.65
NEW MEXICO	503	1,628	8,867	59	3.62	NEW MEXICO	183	272	4,072	4	1.47
NEW YORK	5,077	18,284	9,867	523	2.86	NEW YORK	3,399	3,990	3,216	103	2.58
NORTH CAROLINA	2,036	7,164	9,640	67	0.94	NORTH CAROLINA	248	134	1,480	5	3.73
NORTH DAKOTA	195	234	3,288	5	2.14	NORTH DAKOTA	181	169	2,558	3	1.78
OHIO	3,438	9,540	7,602	217	2.27	OHIO	3,892	3,182	2,240	109	3.43
OREGON	1,051	2,781	7,249	61	2.19	OREGON	918	914	2,728	12	1.31
PENNSYLVANIA	3,661	7,879	5,896	191	2.42	PENNSYLVANIA	3,102	3,982	3,517	36	0.90
SOUTH CAROLINA	657	2,189	9,128	41	1.87	SOUTH CAROLINA	509	659	3,547	10	1.52
SOUTH DAKOTA	255	327	3,513	4	1.22	SOUTH DAKOTA	101	75	2,034	0	0.00
TENNESSEE	1,272	4,445	9,574	90	2.02	TENNESSEE	1,099	1,282	3,196	36	2.81
TEXAS	5,532	20,031	9,920	400	2.00	TEXAS	1,433	1,454	2,780	3	0.21
UTAH	522	2,398	12,586	60	2.50	UTAH	318	713	6,143	15	2.10
VERMONT	136	354	7,131	3	0.85	VERMONT	130	116	2,445	0	0.00
VIRGINIA	1,895	8,172	11,815	134	1.64	VIRGINIA	1,012	1,327	3,593	23	1.73
WASHINGTON	2,309	7,686	9,120	110	1.43	WASHINGTON	1,663	1,805	2,974	135	7.48
WEST VIRGINIA	384	1,051	7,499	22	2.09	WEST VIRGINIA	397	440	3,036	3	0.68
WISCONSIN	1,973	4,614	6,407	48	1.04	WISCONSIN	816	630	2,115	6	0.95
WYOMING	218	398	5,002	6	1.51	WYOMING	222	190	2,345	1	0.53
SUBTOTAL	70,271	240,789	9,388	5,363	2.23	SUBTOTAL	41,386	50,540	3,346	1,014	2.01
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-D. FATAL ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1983
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	11,250	3,589	874	116	3.23
ALASKA	1,826	483	725	32	6.63
ARIZONA	3,167	1,555	1,345	70	4.50
CALIFORNIA	11,104	6,769	1,670	388	5.73
COLORADO	3,614	1,146	869	56	4.89
CONNECTICUT	895	1,008	3,086	33	3.27
DELAWARE	605	465	2,106	17	3.66
DIST. OF COL.	-	-	-	-	-
GEORGIA	14,014	4,822	943	170	3.53
HAWAII	430	317	2,020	10	3.15
IDAHO	4,058	1,522	1,028	46	3.02
INDIANA	9,211	5,426	1,614	142	2.62
IOWA	13,329	2,315	476	83	3.59
KANSAS	22,547	2,100	255	55	2.62
KENTUCKY	7,222	3,806	1,444	188	4.94
LOUISIANA	7,412	5,154	1,905	154	2.99
MICHIGAN	19,019	8,463	1,219	227	2.68
MINNESOTA	16,495	3,271	543	99	3.03
MISSISSIPPI	11,731	3,000	701	102	3.40
MISSOURI	18,071	4,228	641	156	3.69
MONTANA	4,705	504	293	32	6.35
NEBRASKA	11,412	1,087	261	30	2.76
NEVADA	2,331	686	806	29	4.23
NEW JERSEY	1,718	2,492	3,974	81	3.25
NEW MEXICO	3,973	1,124	775	73	6.49
NEW YORK	6,366	4,318	1,858	152	3.52
NORTH CAROLINA	10,407	8,697	2,290	261	3.00
NORTH DAKOTA	10,430	669	176	28	4.19
OHIO	11,782	7,241	1,684	206	2.84
OREGON	7,746	1,706	603	80	4.69
PENNSYLVANIA	8,196	5,340	1,785	186	3.48
SOUTH CAROLINA	8,505	3,806	1,226	174	4.57
SOUTH DAKOTA	11,223	882	215	28	3.17
TENNESSEE	5,282	1,770	918	104	5.88
TEXAS	32,722	12,689	1,062	540	4.26
UTAH	2,571	675	719	28	4.15
VERMONT	1,953	833	1,169	20	2.40
VIRGINIA	10,328	4,909	1,302	151	3.08
WASHINGTON	7,196	5,213	1,985	20	0.38
WEST VIRGINIA	6,330	3,064	1,326	130	4.24
WISCONSIN	11,773	3,788	882	95	2.51
WYOMING	2,279	383	460	22	5.74
SUBTOTAL	355,228	131,315	1,013	4,614	3.51
INCOMPLETE DATA					
ARKANSAS					
FLORIDA					
ILLINOIS					
MAINE					
MARYLAND					
MASSACHUSETTS					
NEW HAMPSHIRE					
OKLAHOMA					
RHODE ISLAND					

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

TABLE 3-E. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA	-	-	-	-	-	COMPLETE DATA	-	-	-	-	-
ALABAMA	-	-	-	-	-	ALABAMA	270	723	7,336	5	0.69
ALASKA	-	-	-	-	-	ALASKA	-	-	-	-	-
ARIZONA	15	17	3,105	1	5.88	ARIZONA	41	85	5,680	1	1.18
CALIFORNIA	31	30	2,651	2	6.67	CALIFORNIA	1,282	4,038	8,629	105	2.63
COLORADO	-	-	-	-	-	COLORADO	18	83	12,633	0	0.00
CONNECTICUT	9	18	5,479	1	5.56	CONNECTICUT	47	179	10,434	2	1.12
DELAWARE	-	-	-	-	-	DELAWARE	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	115	26,256	1	0.87
GEORGIA	-	-	-	-	-	GEORGIA	-	-	-	-	-
HAWAII	11	43	10,710	1	2.33	HAWAII	13	58	12,223	0	0.00
IDAHO	-	-	-	-	-	IDAHO	8	16	5,479	1	6.25
ILLINOIS	-	-	-	-	-	INDIANA	12	188	42,922	1	0.53
INDIANA	35	74	5,793	5	6.76	IOWA	-	-	-	-	-
IOWA	-	-	-	-	-	KANSAS	222	652	8,046	18	2.76
KANSAS	48	62	3,539	1	1.61	KENTUCKY	-	-	-	-	-
KENTUCKY	-	-	-	-	-	LOUISIANA	440	805	5,012	7	0.87
LOUISIANA	-	-	-	-	-	MICHIGAN	164	325	5,429	3	0.92
MASSACHUSETTS	-	-	-	-	-	MINNESOTA	48	41	2,340	3	7.32
MICHIGAN	-	-	-	-	-	MISSISSIPPI	-	-	-	-	-
MINNESOTA	-	-	-	-	-	MISSOURI	534	1,345	6,901	15	1.12
MISSISSIPPI	242	26	294	2	7.69	MONTANA	37	64	4,739	0	0.00
MISSOURI	9	7	2,131	0	0.00	NEBRASKA	-	-	-	-	-
MONTANA	80	18	616	0	0.00	NEVADA	19	88	12,689	1	1.14
NEBRASKA	-	-	-	-	-	NEW JERSEY	260	3,086	32,518	31	1.00
NEVADA	1	4	10,959	0	0.00	NEW MEXICO	53	80	4,135	2	2.50
NEW JERSEY	119	1,007	23,184	16	1.59	NEW YORK	123	412	9,177	3	0.73
NEW MEXICO	-	-	-	-	-	NORTH CAROLINA	1,262	2,092	4,542	20	0.96
NEW YORK	-	-	-	-	-	NORTH DAKOTA	3	7	6,393	0	0.00
NORTH CAROLINA	249	112	1,232	0	0.00	OHIO	-	-	-	-	-
NORTH DAKOTA	-	-	-	-	-	OREGON	63	290	12,611	2	0.69
OHIO	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
OREGON	271	130	1,314	5	3.85	RHODE ISLAND	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	SOUTH CAROLINA	290	442	4,176	11	2.49
RHODE ISLAND	-	-	-	-	-	SOUTH DAKOTA	10	34	9,315	0	0.00
SOUTH CAROLINA	-	-	-	-	-	TENNESSEE	-	-	-	-	-
SOUTH DAKOTA	14	9	1,761	0	0.00	TEXAS	1,848	5,639	8,360	293	5.20
TENNESSEE	-	-	-	-	-	UTAH	47	31	1,807	1	3.23
TEXAS	2	7	9,589	0	0.00	VERMONT	-	-	-	-	-
UTAH	-	-	-	-	-	VIRGINIA	55	285	14,197	7	2.46
VERMONT	-	-	-	-	-	WASHINGTON	11	1	249	0	0.00
VIRGINIA	309	231	2,048	0	0.00	WEST VIRGINIA	1	16	43,836	0	0.00
WASHINGTON	-	-	-	-	-	WISCONSIN	145	305	5,763	1	0.33
WEST VIRGINIA	-	-	-	-	-	WYOMING	10	12	3,288	0	0.00
WISCONSIN	-	-	-	-	-						
WYOMING	252	96	1,044	1	1.04	SUBTOTAL	7,348	21,537	8,030	535	2.48
SUBTOTAL	1,697	1,891	3,053	35	1.85	INCOMPLETE DATA					
INCOMPLETE DATA						ARKANSAS					
ARKANSAS						FLORIDA					
FLORIDA						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
NEW HAMPSHIRE						MASSACHUSETTS					
OKLAHOMA						NEW HAMPSHIRE					
						OKLAHOMA					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-F. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983

NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	7,167	995	380	47	4.72	ALABAMA	661	671	2,781	17	2.53
ALASKA	898	143	436	5	3.50	ALASKA	39	87	6,112	0	0.00
ARIZONA	4,850	693	391	26	3.75	ARIZONA	439	557	3,476	11	1.97
CALIFORNIA	12,078	3,588	814	178	4.96	CALIFORNIA	2,510	3,066	3,347	57	1.86
COLORADO	17,365	1,376	217	75	5.45	COLORADO	35	43	3,366	2	4.65
CONNECTICUT	1,207	451	1,024	15	3.33	CONNECTICUT	197	188	2,615	4	2.13
DELAWARE	159	50	862	0	0.00	DELAWARE	27	29	2,943	1	3.45
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	4	9	6,164	1	11.11
GEORGIA	7,337	2,341	874	146	6.24	GEORGIA	-	-	-	-	-
HAWAII	196	145	2,027	6	4.14	HAWAII	88	213	6,631	2	0.94
IDAHO	4,867	450	253	7	1.56	IDAHO	71	113	4,360	1	0.88
INDIANA	10,695	1,482	380	27	1.82	INDIANA	45	53	3,227	1	1.89
IOWA	16,479	699	116	30	4.29	IOWA	97	41	1,158	0	0.00
KANSAS	9,407	262	76	8	3.05	KANSAS	295	329	3,055	0	0.00
KENTUCKY	9,341	1,692	496	83	4.91	KENTUCKY	131	108	2,259	6	5.56
LOUISIANA	4,269	1,180	757	38	3.22	LOUISIANA	366	159	1,190	3	1.89
MICHIGAN	7,829	1,610	563	51	3.17	MICHIGAN	2,002	654	895	5	0.76
MINNESOTA	12,158	989	223	34	3.44	MINNESOTA	1,224	1,447	3,239	18	1.24
MISSISSIPPI	2,878	249	237	1	0.40	MISSISSIPPI	-	-	-	-	-
MISSOURI	5,492	305	152	10	3.28	MISSOURI	873	935	2,934	11	1.18
MONTANA	11,306	368	89	18	4.89	MONTANA	117	76	1,780	2	2.63
NEBRASKA	9,315	263	77	9	3.42	NEBRASKA	-	-	-	-	-
NEVADA	2,483	150	166	6	4.00	NEVADA	340	276	2,224	9	3.26
NEW JERSEY	1,290	1,106	2,349	24	2.17	NEW JERSEY	94	31	904	5	16.13
NEW MEXICO	3,176	253	218	20	7.91	NEW MEXICO	202	90	1,221	2	2.22
NEW YORK	11,039	3,843	954	113	2.94	NEW YORK	378	166	1,203	3	1.81
NORTH CAROLINA	9,417	2,614	761	121	4.63	NORTH CAROLINA	1,064	703	1,810	6	0.85
NORTH DAKOTA	8,136	215	72	8	3.72	NORTH DAKOTA	23	19	2,263	0	0.00
OHIO	7,525	2,742	998	58	2.12	OHIO	-	-	-	-	-
OREGON	9,079	1,054	318	19	1.80	OREGON	174	161	2,535	1	0.62
PENNSYLVANIA	9,049	2,393	725	63	2.63	PENNSYLVANIA	-	-	-	-	-
SOUTH CAROLINA	4,018	476	325	35	7.35	RHODE ISLAND	-	-	-	-	-
SOUTH DAKOTA	7,347	171	64	5	2.92	SOUTH CAROLINA	611	355	1,592	7	1.97
TENNESSEE	11,281	2,722	661	59	2.17	SOUTH DAKOTA	47	41	2,390	0	0.00
TEXAS	20,698	2,321	307	96	4.14	TENNESSEE	-	-	-	-	-
UTAH	4,920	187	104	9	4.81	TEXAS	3,740	4,136	3,030	82	1.98
VERMONT	1,024	153	409	5	3.27	UTAH	261	213	2,236	5	2.35
VIRGINIA	2,353	351	409	22	6.27	VERMONT	-	-	-	-	-
WASHINGTON	6,469	1,811	757	6	0.33	VIRGINIA	30	13	1,187	0	0.00
WEST VIRGINIA	2,192	318	397	4	1.26	WASHINGTON	28	18	1,761	2	11.11
WISCONSIN	6,696	935	383	40	4.28	WEST VIRGINIA	2	9	12,329	0	0.00
WYOMING	7,602	382	138	8	2.09	WISCONSIN	531	403	2,079	0	0.00
						WYOMING	38	31	2,235	0	0.00
SUBTOTAL	291,087	43,528	410	1,535	3.53	SUBTOTAL	16,784	15,443	2,521	264	1.71
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND											

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-G. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	48,648	2,805	158	55	1.96	ALABAMA	9,857	2,828	786	83	2.93
ALASKA	2,626	354	369	18	5.08	ALASKA	1,048	250	654	2	0.80
ARIZONA	55,065	1,613	80	51	3.16	ARIZONA	6,437	1,306	556	40	3.06
CALIFORNIA	75,928	4,197	151	180	4.29	CALIFORNIA	41,879	12,728	833	229	1.80
COLORADO	38,337	1,423	102	32	2.25	COLORADO	7,047	2,666	1,036	19	0.71
CONNECTICUT	5,968	771	354	33	4.28	CONNECTICUT	6,679	1,533	629	22	1.44
DELAWARE	2,678	377	386	12	3.18	DELAWARE	1,037	378	999	3	0.79
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	669	269	1,102	10	3.72
GEORGIA	55,638	1,888	93	126	6.67	GEORGIA	13,370	3,073	630	63	2.05
HAWAII	1,932	264	374	5	1.89	HAWAII	933	703	2,064	12	1.71
IDAHO	54,026	779	40	41	5.26	IDAHO	1,491	587	1,079	8	1.36
INDIANA	49,037	1,760	98	85	4.83	INDIANA	11,781	3,258	758	75	2.30
IOWA	65,279	1,456	61	44	3.02	IOWA	5,210	1,065	560	8	0.75
KANSAS	83,527	1,229	40	56	4.56	KANSAS	5,773	1,481	703	22	1.49
KENTUCKY	41,275	1,794	119	65	3.62	KENTUCKY	4,854	1,403	792	22	1.57
LOUISIANA	30,932	1,632	145	84	5.15	LOUISIANA	8,892	1,225	377	39	3.18
MICHIGAN	60,033	1,213	55	107	8.82	MICHIGAN	16,538	1,940	321	86	4.43
MINNESOTA	80,368	2,332	79	48	2.06	MINNESOTA	9,082	2,118	639	14	0.66
MISSISSIPPI	43,456	1,064	67	165	15.51	MISSISSIPPI	4,757	1,415	815	46	3.25
MISSOURI	73,415	2,607	97	78	2.99	MISSOURI	9,981	911	250	39	4.28
MONTANA	46,691	647	38	31	4.79	MONTANA	1,677	820	1,340	2	0.24
NEBRASKA	59,313	1,095	51	38	3.47	NEBRASKA	3,180	502	432	9	1.79
NEVADA	33,697	264	21	13	4.92	NEVADA	2,045	403	540	6	1.49
NEW JERSEY	7,451	785	289	39	4.97	NEW JERSEY	15,748	9,541	1,660	69	0.72
NEW MEXICO	38,236	726	52	42	5.79	NEW MEXICO	3,226	1,056	894	26	2.46
NEW YORK	48,669	3,521	198	121	3.44	NEW YORK	25,026	6,354	696	166	2.61
NORTH CAROLINA	50,694	2,893	156	164	5.67	NORTH CAROLINA	11,906	2,952	679	80	2.71
NORTH DAKOTA	59,747	714	33	8	1.12	NORTH DAKOTA	938	251	733	3	1.20
OHIO	57,831	6,552	310	115	1.76	OHIO	19,884	9,758	1,345	243	2.49
OREGON	102,827	1,402	37	37	2.64	OREGON	5,638	889	432	26	2.92
PENNSYLVANIA	61,055	5,137	231	111	2.16	PENNSYLVANIA	19,083	5,138	738	187	3.64
SOUTH CAROLINA	36,148	2,613	198	114	4.36	SOUTH CAROLINA	6,180	933	414	26	2.79
SOUTH DAKOTA	46,879	524	31	26	4.96	SOUTH DAKOTA	1,010	223	605	1	0.45
TENNESSEE	49,267	1,564	87	107	6.84	TENNESSEE	8,562	3,912	1,252	74	1.89
TEXAS	142,158	4,691	90	284	5.05	TEXAS	47,848	18,393	1,053	200	1.09
UTAH	30,361	509	46	18	3.54	UTAH	3,701	1,292	956	17	1.32
VERMONT	8,770	372	116	15	4.03	VERMONT	547	195	977	3	1.54
VIRGINIA	33,769	2,893	235	75	2.59	VIRGINIA	8,927	3,765	1,155	46	1.22
WASHINGTON	52,367	544	28	48	8.82	WASHINGTON	9,900	678	188	42	6.19
WEST VIRGINIA	20,546	920	123	40	4.35	WEST VIRGINIA	1,898	216	312	15	6.94
WISCONSIN	67,486	1,648	67	101	6.13	WISCONSIN	9,308	3,005	884	25	0.83
WYOMING	22,756	239	29	17	7.11	WYOMING	893	125	384	2	1.60
SUBTOTAL	1,944,886	69,811	98	2,849	4.08	SUBTOTAL	374,450	111,538	816	2,110	1.89
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-A. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	639	2,850	12,219	444	15.58	ALABAMA	191	2,112	30,295	493	23.34
ALASKA	1,072	765	1,955	531	69.41	ALASKA	20	215	29,452	280	130.23
ARIZONA	1,021	3,078	8,259	999	32.46	ARIZONA	123	1,179	26,261	996	84.48
CALIFORNIA	1,443	9,458	17,957	2,305	24.37	CALIFORNIA	938	34,545	100,900	11,076	32.06
COLORADO	788	2,639	9,175	1,152	43.65	COLORADO	158	2,333	40,454	1,984	85.04
CONNECTICUT	108	992	25,165	296	29.84	CONNECTICUT	229	4,846	57,977	2,682	55.34
DELAWARE	-	-	-	-	-	DELAWARE	41	729	48,714	174	23.87
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	361	82,420	304	84.21
GEORGIA	886	6,278	19,413	749	11.93	GEORGIA	296	6,424	59,459	2,935	45.69
HAWAII	5	50	27,397	47	94.00	HAWAII	31	808	71,410	686	84.90
IDAHO	536	1,148	5,868	360	31.36	IDAHO	71	361	13,930	142	39.34
INDIANA	854	4,189	13,439	1,092	26.07	INDIANA	259	3,442	36,410	644	18.71
IOWA	614	2,272	10,138	434	19.10	IOWA	123	849	18,911	506	59.60
KANSAS	654	1,732	7,256	466	26.91	KANSAS	154	1,321	23,501	836	63.29
KENTUCKY	579	3,766	17,820	677	17.98	KENTUCKY	159	2,544	43,836	861	33.84
LOUISIANA	519	3,428	18,096	809	23.60	LOUISIANA	167	2,350	38,553	1,545	65.74
MICHIGAN	714	3,736	14,336	1,870	50.05	MICHIGAN	415	6,930	45,750	3,041	43.88
MINNESOTA	696	2,300	9,054	258	11.22	MINNESOTA	177	3,167	49,021	1,675	52.89
MISSISSIPPI	567	1,985	9,591	291	14.66	MISSISSIPPI	119	945	21,757	174	18.41
MISSOURI	824	3,692	12,276	721	19.53	MISSOURI	308	5,524	49,137	2,250	40.73
MONTANA	1,089	1,356	3,411	469	34.59	MONTANA	46	131	7,802	40	30.53
NEBRASKA	444	1,436	8,861	303	21.10	NEBRASKA	38	482	34,751	318	65.98
NEVADA	502	1,086	5,927	426	39.23	NEVADA	36	446	33,942	378	84.75
NEW JERSEY	128	1,453	31,100	195	13.42	NEW JERSEY	253	6,051	65,526	2,378	39.30
NEW MEXICO	913	2,343	7,031	856	36.53	NEW MEXICO	87	669	21,068	432	64.57
NEW YORK	881	4,342	13,503	2,083	47.97	NEW YORK	607	10,504	47,410	6,340	60.36
NORTH CAROLINA	578	3,771	17,875	893	23.68	NORTH CAROLINA	186	2,007	29,563	515	25.66
NORTH DAKOTA	533	731	3,757	99	13.54	NORTH DAKOTA	38	129	9,301	37	28.68
OHIO	880	7,106	22,123	1,286	18.10	OHIO	666	11,944	49,134	5,414	45.33
OREGON	585	2,566	12,017	469	18.28	OREGON	133	1,864	38,397	765	41.04
PENNSYLVANIA	1,186	6,589	15,221	1,756	26.65	PENNSYLVANIA	338	5,019	40,682	2,271	45.25
SOUTH CAROLINA	647	2,951	12,496	342	11.59	SOUTH CAROLINA	109	1,189	29,886	249	20.94
SOUTH DAKOTA	636	1,186	5,109	251	21.16	SOUTH DAKOTA	41	147	9,823	48	32.65
TENNESSEE	826	5,974	19,815	848	14.19	TENNESSEE	205	3,339	44,624	1,629	48.79
TEXAS	2,273	10,125	12,204	2,555	25.23	TEXAS	843	18,493	60,102	13,758	74.40
UTAH	681	1,490	5,994	554	37.18	UTAH	125	1,766	38,707	818	46.32
VERMONT	302	713	6,468	203	28.47	VERMONT	18	94	14,307	39	41.49
VIRGINIA	799	4,558	15,629	1,057	23.19	VIRGINIA	226	4,160	50,430	1,656	39.81
WASHINGTON	483	2,912	16,518	693	23.80	WASHINGTON	232	5,491	64,844	2,546	46.37
WEST VIRGINIA	389	1,400	9,860	326	23.29	WEST VIRGINIA	90	712	21,674	312	43.82
WISCONSIN	466	2,920	17,167	582	19.93	WISCONSIN	111	1,974	48,723	1,002	50.76
WYOMING	868	1,371	4,327	642	46.83	WYOMING	49	134	7,492	45	33.58
SUBTOTAL	28,608	122,737	11,754	30,389	24.76	SUBTOTAL	8,468	157,730	51,032	74,274	47.09
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-B. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	5,903	6,176	2,866	3,316	53.69	ALABAMA	745	3,394	12,481	1,933	56.95
ALASKA	1,013	372	1,006	308	82.80	ALASKA	31	77	6,805	188	244.16
ARIZONA	3,316	3,162	2,612	1,463	46.27	ARIZONA	172	1,145	18,238	3,265	285.15
CALIFORNIA	9,746	18,352	5,159	10,298	56.11	CALIFORNIA	1,332	23,207	47,733	13,990	60.28
COLORADO	4,399	4,059	2,528	2,641	65.07	COLORADO	561	2,757	13,464	4,358	158.07
CONNECTICUT	689	1,683	6,692	1,675	99.52	CONNECTICUT	576	3,457	16,443	5,912	171.02
DELAWARE	332	1,261	10,406	590	46.79	DELAWARE	96	673	19,207	977	145.17
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	158	1,543	26,756	3,295	213.55
GEORGIA	8,665	9,040	2,858	4,993	55.23	GEORGIA	1,412	6,920	13,427	10,011	144.67
HAWAII	371	881	6,506	850	96.48	HAWAII	111	1,231	30,384	1,724	140.05
IDAHO	2,707	1,678	1,698	1,174	69.96	IDAHO	42	196	12,785	289	147.45
INDIANA	4,209	7,293	4,747	6,669	91.44	INDIANA	782	4,555	15,959	6,094	133.79
IOWA	8,177	5,889	1,973	3,373	57.28	IOWA	686	2,661	10,627	5,291	198.83
KANSAS	7,762	4,822	1,702	2,406	49.90	KANSAS	338	1,361	11,032	2,267	166.57
KENTUCKY	3,279	4,578	3,825	3,532	77.15	KENTUCKY	457	2,585	15,497	2,859	110.60
LOUISIANA	2,664	5,104	5,249	3,215	62.99	LOUISIANA	496	2,776	15,334	7,096	255.62
MICHIGAN	4,679	8,357	4,893	10,987	131.47	MICHIGAN	1,246	9,783	21,511	3,376	34.51
MINNESOTA	8,804	7,291	2,269	3,288	45.10	MINNESOTA	481	2,534	14,433	3,114	122.89
MISSISSIPPI	5,295	5,097	2,637	2,405	47.18	MISSISSIPPI	351	1,663	12,981	825	49.61
MISSOURI	6,359	6,858	2,955	3,696	53.89	MISSOURI	535	3,294	16,869	3,248	98.60
MONTANA	5,370	2,222	1,134	1,663	74.84	MONTANA	109	401	10,079	553	137.91
NEBRASKA	6,941	3,578	1,412	1,651	46.14	NEBRASKA	277	1,243	12,294	2,234	179.73
NEVADA	1,789	961	1,472	575	59.83	NEVADA	59	448	20,803	247	55.13
NEW JERSEY	814	2,970	9,996	2,904	97.78	NEW JERSEY	645	8,363	35,523	11,210	134.04
NEW MEXICO	3,378	2,641	2,142	1,355	51.31	NEW MEXICO	187	796	11,662	1,935	243.09
NEW YORK	6,479	9,116	3,855	19,646	215.51	NEW YORK	1,793	18,933	28,930	24,231	127.98
NORTH CAROLINA	3,731	7,433	5,458	3,998	53.79	NORTH CAROLINA	626	4,466	19,546	3,281	73.47
NORTH DAKOTA	5,460	1,726	866	600	34.76	NORTH DAKOTA	127	499	10,765	649	130.06
OHIO	4,809	8,348	4,756	6,571	78.71	OHIO	1,545	6,801	12,060	14,657	215.51
OREGON	4,589	4,474	2,671	3,219	71.95	OREGON	395	2,326	16,133	3,441	147.94
PENNSYLVANIA	8,026	14,589	4,980	11,720	80.33	PENNSYLVANIA	1,905	16,236	23,350	14,137	87.07
SOUTH CAROLINA	4,945	6,276	3,477	2,757	43.93	SOUTH CAROLINA	645	3,088	13,117	3,739	121.08
SOUTH DAKOTA	5,697	2,239	1,077	915	40.87	SOUTH DAKOTA	115	459	10,935	780	169.93
TENNESSEE	5,195	6,829	3,601	4,533	66.38	TENNESSEE	800	4,424	15,151	6,101	137.91
TEXAS	15,061	20,280	3,689	8,756	43.18	TEXAS	1,626	13,624	22,956	15,397	113.01
UTAH	2,465	1,478	1,643	866	58.59	UTAH	106	469	12,122	483	102.99
VERMONT	1,043	1,100	2,889	895	81.36	VERMONT	71	221	8,528	316	142.99
VIRGINIA	4,949	8,650	4,789	5,753	66.51	VIRGINIA	450	2,985	18,174	3,648	122.21
WASHINGTON	4,463	5,618	3,449	6,620	117.84	WASHINGTON	610	4,367	19,614	4,734	108.40
WEST VIRGINIA	2,263	2,733	3,309	3,297	120.64	WEST VIRGINIA	181	817	12,367	1,302	159.36
WISCONSIN	7,990	9,294	3,187	5,443	58.56	WISCONSIN	930	4,590	13,522	6,081	132.48
WYOMING	2,861	1,340	1,283	713	53.21	WYOMING	122	358	8,040	462	129.05
SUBTOTAL	196,687	225,848	3,146	161,329	71.43	SUBTOTAL	23,932	171,726	19,659	199,730	116.31
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-C. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983

FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL				COLLECTOR						
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	RATE λ	STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
										NUMBER	RATE λ
COMPLETE DATA						COMPLETE DATA					
ALABAMA	1,372	3,961	7,910	2,645	66.78	ALABAMA	895	928	2,841	2,591	279.20
ALASKA	78	509	17,878	1,230	241.65	ALASKA	121	103	2,332	1,153	148.54
ARIZONA	1,139	4,313	10,374	14,261	330.65	ARIZONA	549	908	4,531	1,339	147.47
CALIFORNIA	11,469	57,452	13,724	90,268	157.12	CALIFORNIA	4,293	5,222	3,333	5,309	101.67
COLORADO	1,874	4,761	6,960	9,472	198.95	COLORADO	1,273	823	1,838	1,658	201.46
CONNECTICUT	1,225	3,816	8,535	9,717	254.64	CONNECTICUT	1,705	1,688	2,712	4,388	259.95
DELAWARE	157	658	11,482	1,001	152.13	DELAWARE	148	266	4,924	331	124.44
DIST. OF COL.	102	502	13,484	1,302	259.36	DIST. OF COL.	145	300	5,668	1,341	447.00
GEORGIA	1,775	4,848	7,483	7,347	151.55	GEORGIA	1,562	3,203	5,618	4,807	150.08
HAWAII	120	938	21,416	2,037	217.16	HAWAII	56	222	10,861	4,473	213.06
IDAHO	333	1,056	8,688	1,893	179.26	IDAHO	237	381	4,404	342	89.76
INDIANA	2,985	6,388	5,863	10,434	153.24	INDIANA	1,831	1,729	2,587	2,451	141.76
IOWA	1,372	1,773	3,540	3,527	198.93	IOWA	523	641	1,903	518	80.81
KANSAS	1,089	2,521	8,516	4,490	178.10	KANSAS	478	281	1,611	408	145.20
KENTUCKY	1,105	3,351	8,431	5,948	177.50	KENTUCKY	764	1,092	3,916	1,605	146.98
LOUISIANA	2,907	2,985	7,401	6,199	207.67	LOUISIANA	748	775	2,839	1,02	13.16
MICHIGAN	1,417	12,550	11,828	9,495	75.66	MICHIGAN	1,921	5,294	7,550	1,256	23.72
MINNESOTA	931	5,038	9,741	7,865	156.11	MINNESOTA	748	535	2,792	857	160.19
MISSISSIPPI	1,793	1,711	5,035	1,501	87.73	MISSISSIPPI	519	647	2,370	415	84.14
MISSOURI	235	6,264	9,571	12,168	194.25	MISSOURI	573	677	3,025	1,140	198.95
MONTANA	642	521	6,074	934	179.27	MONTANA	91	53	1,596	218	411.32
NEBRASKA	438	1,461	6,235	4,344	297.33	NEBRASKA	399	387	2,657	907	234.37
NEVADA	3,539	1,936	12,110	4,047	209.04	NEVADA	66	124	5,147	137	110.48
NEW JERSEY	503	12,301	9,523	36,768	298.90	NEW JERSEY	1,812	3,031	4,583	7,671	253.08
NEW MEXICO	5,077	1,628	8,867	4,597	282.37	NEW MEXICO	3,389	272	4,072	4,429	161.40
NEW YORK	1,195	18,284	9,867	36,097	197.42	NEW YORK	3,999	3,990	3,216	5,423	135.51
NORTH DAKOTA	438	234	3,288	3,582	248.72	NORTH DAKOTA	181	169	2,558	250	147.93
OHIO	3,438	9,540	7,502	25,370	272.22	OHIO	3,992	914	2,240	12,595	395.82
OREGON	1,931	2,781	7,249	7,182	258.25	OREGON	918	914	2,728	1,839	201.20
PENNSYLVANIA	3,651	7,879	5,896	15,396	195.41	PENNSYLVANIA	3,102	3,982	3,517	2,620	65.80
SOUTH CAROLINA	657	327	9,128	1,677	176.61	SOUTH CAROLINA	509	659	3,547	270	40.97
SOUTH DAKOTA	255	4,445	3,513	469	143.42	SOUTH DAKOTA	101	75	2,034	88	117.33
TENNESSEE	1,572	20,031	9,920	8,725	196.29	TENNESSEE	1,099	1,282	3,196	2,284	178.16
TEXAS	5,592	20,031	12,586	18,989	194.85	TEXAS	1,433	1,494	2,780	99	6.81
UTAH	922	2,398	7,131	4,566	190.41	UTAH	318	713	6,143	1,205	169.00
VERMONT	136	394	17,131	411	116.10	VERMONT	130	116	2,445	169	145.69
VIRGINIA	1,895	8,172	11,615	14,160	173.27	VIRGINIA	1,012	1,327	3,593	2,542	191.56
WASHINGTON	2,309	7,686	9,120	8,590	111.76	WASHINGTON	1,663	1,805	2,974	10,783	597.40
WEST VIRGINIA	384	1,051	7,499	2,138	203.43	WEST VIRGINIA	397	440	3,036	356	80.91
WISCONSIN	1,973	4,614	5,407	3,366	72.95	WISCONSIN	816	630	2,115	799	125.83
WYOMING	218	398	5,002	305	76.63	WYOMING	222	190	2,345	213	112.11
SUBTOTAL	68,235	233,625	9,380	402,123	172.12	SUBTOTAL	41,138	50,406	3,357	82,391	163.45
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
NORTH CAROLINA						NORTH CAROLINA					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					
λ / NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.											

**TABLE 4-D. NONFATAL INJURY ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1983
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE ^{1/}
COMPLETE DATA					
ALABAMA	11,250	3,589	874	1,904	53.05
ALASKA	1,826	483	725	1,904	118.63
ARIZONA	3,167	1,555	1,345	1,022	65.72
CALIFORNIA	11,104	6,769	1,670	15,416	227.74
COLORADO	3,614	1,146	869	1,101	96.07
CONNECTICUT	895	1,008	3,086	1,217	120.73
DELAWARE	605	465	2,106	362	77.85
DIST. OF COL.	-	-	-	-	-
GEORGIA	14,014	4,822	943	2,897	60.08
HAWAII	430	317	2,020	353	111.35
IDAHO	4,058	1,522	1,028	842	55.32
INDIANA	9,211	5,426	1,614	5,319	98.03
IOWA	13,329	2,315	476	1,842	79.57
KANSAS	22,547	2,100	255	1,971	74.81
KENTUCKY	7,222	3,806	1,444	4,605	120.99
LOUISIANA	7,412	5,154	1,905	5,439	105.53
MICHIGAN	19,019	8,463	1,219	488	5.77
MINNESOTA	16,495	3,271	543	2,202	67.32
MISSISSIPPI	11,731	3,000	701	1,081	36.03
MISSOURI	18,071	4,228	641	3,579	84.65
MONTANA	4,705	504	293	390	77.38
NEBRASKA	11,412	1,087	261	896	82.43
NEVADA	2,331	686	806	459	66.91
NEW JERSEY	1,718	2,492	3,974	2,966	119.02
NEW MEXICO	3,973	1,124	775	1,026	91.28
NEW YORK	6,366	4,318	1,858	12,944	299.77
NORTH CAROLINA	10,407	8,697	2,290	6,409	73.69
NORTH DAKOTA	10,430	669	176	365	54.56
OHIO	11,782	7,241	1,684	7,848	108.34
OREGON	7,746	1,706	1,603	2,020	118.41
PENNSYLVANIA	8,196	5,340	1,789	5,954	111.69
SOUTH CAROLINA	8,505	3,806	1,226	2,159	56.73
SOUTH DAKOTA	11,223	882	215	417	47.28
TENNESSEE	5,282	1,770	918	3,419	193.16
TEXAS	32,722	12,689	1,062	8,806	69.40
UTAH	2,571	675	1,062	538	79.70
VERMONT	1,953	833	1,169	940	112.85
VIRGINIA	10,328	4,909	1,302	6,504	132.49
WASHINGTON	7,196	5,213	1,985	1,060	20.33
WEST VIRGINIA	6,330	3,064	1,325	4,083	133.26
WISCONSIN	11,773	3,788	882	5,734	151.37
WYOMING	2,279	383	460	279	72.85
SUBTOTAL	355,228	131,315	1,013	127,036	96.74
INCOMPLETE DATA					
ARKANSAS					
FLORIDA					
ILLINOIS					
MAINE					
MARYLAND					
MASSACHUSETTS					
NEW HAMPSHIRE					
OKLAHOMA					
RHODE ISLAND					
^{1/} NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.					

TABLE 4-E. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	-	-	-	-	-	ALABAMA	270	723	7,336	278	38.45
ALASKA	-	-	-	-	-	ALASKA	-	-	-	-	-
ARIZONA	15	17	3,105	10	58.82	ARIZONA	41	85	5,680	64	75.29
CALIFORNIA	31	30	2,651	127	423.33	CALIFORNIA	1,282	4,038	8,629	6,771	167.68
COLORADO	-	-	-	-	-	COLORADO	18	83	12,633	69	83.13
CONNECTICUT	9	18	5,479	25	138.89	CONNECTICUT	47	179	10,434	232	129.61
DELAWARE	-	-	-	-	-	DELAWARE	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	115	26,256	209	181.74
GEORGIA	-	-	-	-	-	GEORGIA	-	-	-	-	-
HAWAII	11	43	10,710	65	151.16	HAWAII	13	58	12,223	163	281.03
IDAHO	-	-	-	-	-	IDAHO	8	16	5,479	54	337.50
ILLINOIS	-	-	-	-	-	INDIANA	12	188	42,922	70	37.23
INDIANA	35	74	5,793	187	252.70	IOWA	-	-	-	-	-
IOWA	-	-	-	-	-	KANSAS	222	652	8,046	1,643	251.99
KANSAS	48	62	3,539	27	43.55	KENTUCKY	-	-	-	-	-
KENTUCKY	-	-	-	-	-	LOUISIANA	440	805	5,012	260	32.30
LOUISIANA	-	-	-	-	-	MICHIGAN	164	325	5,429	370	113.85
MASSACHUSETTS	-	-	-	-	-	MINNESOTA	48	41	2,340	136	331.71
MICHIGAN	-	-	-	-	-	MISSISSIPPI	-	-	-	-	-
MINNESOTA	-	-	-	-	-	MISSOURI	534	1,345	6,901	2,906	216.06
MISSISSIPPI	242	26	294	4	15.38	MONTANA	37	64	4,739	64	100.00
MISSOURI	9	7	2,131	18	257.14	NEBRASKA	-	-	-	-	-
MONTANA	80	18	616	3	16.67	NEVADA	19	88	12,689	71	80.68
NEBRASKA	-	-	-	-	-	NEW JERSEY	260	3,086	32,518	1,603	51.94
NEVADA	1	4	10,959	2	50.00	NEW MEXICO	53	80	4,135	435	543.75
NEW JERSEY	119	1,007	23,184	440	43.69	NEW YORK	123	412	9,177	1,200	291.26
NEW MEXICO	-	-	-	-	-	NORTH DAKOTA	3	7	6,393	0	0.00
NEW YORK	-	-	-	-	-	OHIO	-	-	-	-	-
NORTH DAKOTA	-	-	-	-	-	OREGON	63	290	12,611	73	25.17
OHIO	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
OREGON	271	130	1,314	126	96.92	RHODE ISLAND	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	SOUTH CAROLINA	290	442	4,176	593	134.16
RHODE ISLAND	-	-	-	-	-	SOUTH DAKOTA	10	34	9,315	90	264.71
SOUTH CAROLINA	-	-	-	-	-	TENNESSEE	-	-	-	-	-
SOUTH DAKOTA	14	9	1,761	0	0.00	TEXAS	1,848	5,639	8,360	1,081	19.17
TENNESSEE	-	-	-	-	-	UTAH	47	31	1,807	53	170.97
TEXAS	2	7	9,589	5	71.43	VERMONT	-	-	-	-	-
UTAH	-	-	-	-	-	VIRGINIA	55	285	14,197	26	9.12
VERMONT	-	-	-	-	-	WASHINGTON	11	1	249	0	0.00
VIRGINIA	309	231	2,048	0	0.00	WEST VIRGINIA	1	16	43,836	17	106.25
WASHINGTON	-	-	-	-	-	WISCONSIN	145	305	5,763	280	91.80
WEST VIRGINIA	-	-	-	-	-	WYOMING	10	12	3,288	0	0.00
WISCONSIN	-	-	-	-	-	SUBTOTAL	6,086	19,445	8,754	18,811	96.74
WYOMING	252	96	1,044	98	102.08	INCOMPLETE DATA					
SUBTOTAL	1,448	1,779	3,366	1,137	63.91	ARKANSAS					
INCOMPLETE DATA						FLORIDA					
ARKANSAS						ILLINOIS					
FLORIDA						MAINE					
MAINE						MARYLAND					
MARYLAND						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
NORTH CAROLINA						NORTH CAROLINA					
OKLAHOMA						OKLAHOMA					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-F. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983

NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	7,167	995	380	951	95.58	ALABAMA	661	671	2,781	1,111	165.57
ALASKA	898	143	436	177	123.78	ALASKA	39	87	6,112	101	116.09
ARIZONA	4,850	693	391	239	34.49	ARIZONA	439	557	3,476	1,087	195.15
CALIFORNIA	12,078	3,588	814	11,219	312.68	CALIFORNIA	2,510	3,066	3,347	3,641	118.75
COLORADO	17,365	1,376	217	1,748	127.03	COLORADO	35	43	3,366	121	281.40
CONNECTICUT	1,207	451	1,024	704	156.10	CONNECTICUT	197	188	2,615	387	205.85
DELAWARE	159	50	862	63	126.00	DELAWARE	27	29	2,943	19	65.52
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	4	9	6,164	48	533.33
GEORGIA	7,337	2,341	874	2,602	111.15	GEORGIA	-	-	-	-	-
HAWAII	196	145	2,027	98	67.59	HAWAII	88	213	6,631	147	69.01
IDAHO	4,867	450	253	132	29.33	IDAHO	71	113	4,360	72	63.72
INDIANA	10,695	1,482	380	974	65.72	INDIANA	45	53	3,227	70	132.08
IOWA	16,479	699	116	666	95.28	IOWA	97	41	1,158	33	80.49
KANSAS	9,407	262	76	172	65.65	KANSAS	295	329	3,055	530	161.09
KENTUCKY	9,341	1,692	496	2,107	124.53	KENTUCKY	131	108	2,259	249	230.56
LOUISIANA	4,269	1,180	757	1,230	104.24	LOUISIANA	366	159	1,190	22	13.84
MICHIGAN	7,829	1,610	563	9,135	567.39	MICHIGAN	2,002	654	895	873	133.49
MINNESOTA	12,158	989	223	769	77.76	MINNESOTA	1,224	1,447	3,239	2,755	190.39
MISSISSIPPI	2,878	249	237	8	3.21	MISSISSIPPI	-	-	-	-	-
MISSOURI	5,492	305	152	194	63.61	MISSOURI	873	935	2,934	1,895	202.67
MONTANA	11,306	368	89	273	74.18	MONTANA	117	76	1,780	12	15.79
NEBRASKA	9,315	263	77	324	123.19	NEBRASKA	-	-	-	-	-
NEVADA	2,483	150	166	76	50.67	NEVADA	340	276	2,224	502	181.88
NEW JERSEY	1,290	1,106	2,349	1,110	100.36	NEW JERSEY	94	31	904	130	419.35
NEW MEXICO	3,176	253	218	218	86.17	NEW MEXICO	202	90	1,221	700	777.78
NEW YORK	11,039	3,843	954	12,720	330.99	NEW YORK	378	166	1,203	423	254.82
NORTH DAKOTA	8,136	215	72	126	58.60	NORTH DAKOTA	23	19	2,263	40	210.53
OHIO	7,525	2,742	998	1,923	70.13	OHIO	-	-	-	-	-
OREGON	9,079	1,054	318	371	35.20	OREGON	174	161	2,535	250	155.28
PENNSYLVANIA	9,049	2,393	725	3,261	136.27	PENNSYLVANIA	-	-	-	-	-
SOUTH CAROLINA	4,018	476	325	194	40.76	RHODE ISLAND	-	-	-	-	-
SOUTH DAKOTA	7,347	171	64	93	54.39	SOUTH CAROLINA	611	355	1,592	372	104.79
TENNESSEE	11,281	2,722	661	311	11.43	SOUTH DAKOTA	47	41	2,390	93	226.83
TEXAS	20,698	2,321	307	1,308	56.36	TENNESSEE	-	-	-	-	-
UTAH	4,920	187	104	167	89.30	TEXAS	3,740	4,136	3,030	30	0.73
VERMONT	1,024	153	409	177	115.69	UTAH	261	213	2,236	402	188.73
VIRGINIA	2,353	351	409	577	164.39	VERMONT	-	-	-	-	-
WASHINGTON	6,469	1,811	767	138	7.62	VIRGINIA	30	13	1,187	29	223.08
WEST VIRGINIA	2,192	318	397	361	113.52	WASHINGTON	28	18	1,761	164	911.11
WISCONSIN	6,696	935	383	396	42.35	WEST VIRGINIA	2	9	12,329	3	33.33
WYOMING	7,602	382	138	142	37.17	WISCONSIN	531	403	2,079	533	132.26
						WYOMING	38	31	2,235	0	0.00
SUBTOTAL	281,670	40,914	398	57,454	140.43	SUBTOTAL	15,720	14,740	2,569	16,844	114.27
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
NORTH CAROLINA						NORTH CAROLINA					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND											

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-G. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1983
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	48,648	2,805	158	952	33,94	9,857	2,828	786	6,094	215.49	
ALASKA	2,625	354	359	870	245.76	1,048	250	654	26.40		
ARIZONA	53,055	1,613	80	3,116	193.18	6,437	1,306	556	3,822	292.55	
CALIFORNIA	75,327	4,197	151	11,346	270.34	41,879	12,728	833	14,528	114.93	
COLORADO	38,337	1,423	102	1,158	81.38	7,047	2,666	1,036	2,341	87.91	
CONNECTICUT	5,968	771	354	1,222	158.50	6,679	1,533	629	3,777	246.38	
DELAWARE	2,678	377	386	634	168.17	1,037	269	999	447	118.25	
DIST. OF COL.						569	269	1,102	2,595	964.68	
GEORGIA	55,638	1,888	93	2,243	118.80	13,370	3,073	630	4,724	153.73	
HAWAII	1,932	254	374	425	160.98	933	703	2,064	1,196	170.13	
IDAH0	54,025	779	40	1,123	144.16	1,491	587	1,079	825	140.95	
INDIANA	49,037	1,760	98	3,184	180.91	11,781	3,258	578	5,251	161.17	
IOWA	65,279	1,456	61	977	67.10	5,210	1,065	560	882	82.92	
KANSAS	83,527	1,229	40	1,869	152.07	5,773	1,481	703	3,006	202.97	
KENTUCKY	41,275	1,794	119	2,515	140.19	4,854	1,225	792	2,784	198.43	
LOUISIANA	30,932	1,632	145	4,867	298.22	8,852	1,940	377	13,938	1,137.80	
MICHIGAN	60,033	1,213	55	13,702	1,129.60	16,538	1,940	321	36,299	1,871.08	
MINNESOTA	80,368	2,322	79	653	28.00	9,082	2,118	639	2,887	136.31	
MISSISSIPPI	43,455	1,064	67	1,703	150.06	4,757	1,415	815	1,152	61.41	
MISSOURI	73,415	2,607	97	3,526	135.25	9,981	911	250	1,084	118.99	
MONTANA	46,691	647	38	1,215	187.79	1,677	820	1,340	276	33.66	
NEBRASKA	59,313	1,095	51	1,342	122.56	3,180	502	432	398	198.80	
NEVADA	33,597	264	21	125	47.35	3,180	403	432	398	212.90	
NEW JERSEY	7,451	785	289	1,978	251.97	15,748	9,541	1,660	11,494	120.47	
NEW MEXICO	38,236	726	52	1,975	134.30	3,236	1,056	894	1,988	188.26	
NEW YORK	48,669	3,521	198	22,339	634.45	25,026	6,354	696	28,405	447.04	
NORTH DAKOTA	59,747	3,714	33	464	64.99	938	251	733	402	160.16	
OHIO	57,831	6,552	310	5,974	91.18	19,884	9,758	1,342	21,167	216.92	
OREGON	102,827	1,402	37	775	55.28	5,828	889	832	2,537	235.38	
PENNSYLVANIA	51,055	5,137	231	5,662	110.22	19,083	5,138	736	21,523	420.26	
SOUTH CAROLINA	36,148	2,613	198	1,914	69.42	6,180	933	414	1,765	189.17	
SOUTH DAKOTA	46,879	524	31	551	105.15	1,010	223	605	368	165.02	
TENNESSEE	49,267	1,554	87	3,302	211.13	8,562	3,912	1,292	6,377	163.01	
TEXAS	142,158	4,691	90	10,171	216.82	47,848	18,393	1,053	56,730	308.43	
UTAH	30,351	4,509	46	513	100.79	3,701	1,292	956	2,152	166.56	
VERMONT	8,770	372	115	673	180.91	547	195	977	212	108.72	
VIRGINIA	33,769	2,893	235	3,301	114.10	8,927	3,765	1,155	4,449	118.17	
WASHINGTON	52,367	944	28	1,010	185.65	9,300	678	312	2,935	590.38	
WEST VIRGINIA	20,546	920	123	2,477	269.24	1,898	216	312	1,515	792.78	
WISCONSIN	67,486	1,648	67	4,169	252.97	9,308	3,005	884	9,903	323.58	
WYOMING	22,755	1,239	29	394	164.85	893	125	384	301	240.80	
SUBTOTAL	1,894,192	66,918	97	125,309	187.26	362,544	108,586	821	285,225	262.67	
INCOMPLETE DATA					INCOMPLETE DATA						
ARKANSAS					ARKANSAS						
FLORIDA					FLORIDA						
ILLINOIS					ILLINOIS						
MAINE					MAINE						
MARYLAND					MARYLAND						
MASSACHUSETTS					MASSACHUSETTS						
NEW HAMPSHIRE					NEW HAMPSHIRE						
NORTH CAROLINA					NORTH CAROLINA						
OKLAHOMA					OKLAHOMA						
RHODE ISLAND					RHODE ISLAND						
1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.											

TABLE 5-A. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1983

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	639	2,850	12,219	45	1.58	ALABAMA	191	2,112	30,295	13	0.62
ALASKA	1,072	765	1,955	36	4.71	ALASKA	20	215	29,452	7	3.26
ARIZONA	1,021	3,078	8,259	84	2.73	ARIZONA	123	1,179	26,261	16	1.36
CALIFORNIA	1,443	9,458	17,957	197	2.08	CALIFORNIA	938	34,545	100,900	232	0.67
COLORADO	788	2,639	9,175	55	2.08	COLORADO	158	2,333	40,454	40	1.71
CONNECTICUT	108	992	25,165	9	0.91	CONNECTICUT	229	4,846	57,977	73	1.51
DELAWARE	-	-	-	-	-	DELAWARE	41	729	48,714	7	0.96
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	361	82,420	2	0.55
GEORGIA	886	6,278	19,413	57	0.91	GEORGIA	296	6,424	59,459	56	0.87
HAWAII	5	50	27,397	4	8.00	HAWAII	31	808	71,410	7	0.87
IDAHO	536	1,148	5,868	24	2.09	IDAHO	71	361	13,930	2	0.55
INDIANA	854	4,189	13,439	71	1.69	INDIANA	259	3,442	36,410	26	0.76
IOWA	614	2,272	10,138	18	0.79	IOWA	123	849	18,911	23	2.71
KANSAS	654	1,732	7,256	14	0.81	KANSAS	154	1,321	23,501	12	0.91
KENTUCKY	579	3,766	17,820	42	1.12	KENTUCKY	159	2,544	43,836	27	1.06
LOUISIANA	519	3,428	18,096	44	1.28	LOUISIANA	167	2,350	38,553	29	1.23
MICHIGAN	714	3,736	14,336	26	0.70	MICHIGAN	415	6,930	45,750	51	0.74
MINNESOTA	696	2,300	9,054	6	0.26	MINNESOTA	177	3,167	49,021	18	0.57
MISSISSIPPI	567	1,985	9,591	38	1.91	MISSISSIPPI	119	945	21,757	11	1.16
MISSOURI	824	3,692	12,276	52	1.41	MISSOURI	308	5,524	49,137	77	1.39
MONTANA	1,089	1,356	3,411	43	3.17	MONTANA	46	131	7,802	3	2.29
NEBRASKA	444	1,436	8,861	14	0.97	NEBRASKA	38	482	34,751	6	1.24
NEVADA	502	1,086	5,927	50	4.60	NEVADA	36	446	33,942	7	1.57
NEW JERSEY	128	1,453	31,100	3	0.21	NEW JERSEY	253	6,051	65,526	43	0.71
NEW MEXICO	913	2,343	7,031	72	3.07	NEW MEXICO	87	669	21,058	10	1.49
NEW YORK	881	4,342	13,503	37	0.85	NEW YORK	607	10,504	47,410	94	0.89
NORTH CAROLINA	578	3,771	17,875	51	1.35	NORTH CAROLINA	186	2,007	29,563	26	1.30
NORTH DAKOTA	533	731	3,757	5	0.68	NORTH DAKOTA	38	129	9,301	1	0.78
OHIO	880	7,106	22,123	53	0.75	OHIO	666	11,944	49,134	93	0.78
OREGON	585	2,566	12,017	37	1.44	OREGON	133	1,864	38,397	10	0.54
PENNSYLVANIA	1,186	6,589	15,221	68	1.03	PENNSYLVANIA	338	5,019	40,682	47	0.94
SOUTH CAROLINA	647	2,951	12,496	44	1.49	SOUTH CAROLINA	109	1,189	29,886	19	1.60
SOUTH DAKOTA	636	1,186	5,109	19	1.60	SOUTH DAKOTA	41	147	9,823	0	0.00
TENNESSEE	826	5,974	19,815	70	1.17	TENNESSEE	205	3,339	44,624	43	1.29
TEXAS	2,273	10,125	12,204	243	2.40	TEXAS	843	18,493	60,102	343	1.85
UTAH	681	1,490	5,994	31	2.08	UTAH	125	1,766	38,707	23	1.30
VERMONT	302	713	6,468	3	0.42	VERMONT	18	94	14,307	1	1.06
VIRGINIA	799	4,558	15,629	57	1.25	VIRGINIA	226	4,160	50,430	28	0.67
WASHINGTON	483	2,912	16,518	34	1.17	WASHINGTON	232	5,491	64,844	36	0.66
WEST VIRGINIA	389	1,400	9,860	14	1.00	WEST VIRGINIA	90	712	21,674	11	1.54
WISCONSIN	466	2,920	17,167	20	0.68	WISCONSIN	111	1,974	48,723	6	0.30
WYOMING	868	1,371	4,327	39	2.84	WYOMING	49	134	7,492	4	2.99
SUBTOTAL	28,608	122,737	11,754	1,829	1.49	SUBTOTAL	8,468	157,730	51,032	1,583	1.00
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-B. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1983
OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5,903	6,176	2,866	334	5.41	ALABAMA	745	3,394	12,481	65	1.92
ALASKA	1,013	372	1,006	20	5.38	ALASKA	31	77	6,805	5	6.49
ARIZONA	3,316	3,162	2,612	157	4.97	ARIZONA	172	1,145	18,238	38	3.32
CALIFORNIA	9,746	18,352	5,159	855	4.66	CALIFORNIA	1,332	23,207	47,733	296	1.28
COLORADO	4,399	4,059	2,528	171	4.21	COLORADO	561	2,757	13,464	66	2.39
CONNECTICUT	689	1,683	6,692	47	2.79	CONNECTICUT	576	3,457	16,443	64	1.85
DELAWARE	332	1,261	10,406	37	2.93	DELAWARE	96	673	19,207	20	2.97
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	158	1,543	26,756	40	2.59
GEORGIA	8,665	9,040	2,858	317	3.51	GEORGIA	1,412	6,920	13,427	157	2.27
HAWAII	371	881	6,506	33	3.75	HAWAII	111	1,231	30,384	33	2.68
IDAHO	2,707	1,678	1,698	85	5.07	IDAHO	42	196	12,785	7	3.57
INDIANA	4,209	7,293	4,747	217	2.98	INDIANA	782	4,555	15,958	106	2.33
IOWA	8,177	5,889	1,973	186	3.16	IOWA	686	2,661	10,627	55	2.07
KANSAS	7,762	4,822	1,702	151	3.13	KANSAS	338	1,361	11,032	25	1.84
KENTUCKY	3,279	4,578	3,825	167	3.65	KENTUCKY	457	2,585	15,497	43	1.66
LOUISIANA	2,664	5,104	5,249	323	6.33	LOUISIANA	496	2,776	15,334	67	2.41
MICHIGAN	4,679	8,357	4,893	206	2.46	MICHIGAN	1,246	9,783	21,511	133	1.36
MINNESOTA	8,804	7,291	2,269	176	2.41	MINNESOTA	481	2,534	14,433	42	1.66
MISSISSIPPI	5,295	5,097	2,637	263	5.16	MISSISSIPPI	351	1,663	12,981	20	1.20
MISSOURI	6,359	6,858	2,955	241	3.51	MISSOURI	535	3,294	16,869	56	1.70
MONTANA	5,370	2,222	1,134	125	5.63	MONTANA	109	401	10,079	4	1.00
NEBRASKA	6,941	3,578	1,412	112	3.13	NEBRASKA	277	1,243	12,294	10	0.80
NEVADA	1,789	961	1,472	44	4.58	NEVADA	59	448	20,803	7	1.56
NEW JERSEY	814	2,970	9,996	87	2.93	NEW JERSEY	645	8,363	35,523	149	1.78
NEW MEXICO	3,378	2,641	2,142	168	6.36	NEW MEXICO	187	796	11,662	46	5.78
NEW YORK	6,479	9,116	3,855	344	3.77	NEW YORK	1,793	18,933	28,930	344	1.82
NORTH CAROLINA	3,731	7,433	5,458	220	2.96	NORTH CAROLINA	626	4,466	19,546	122	2.73
NORTH DAKOTA	5,460	1,726	866	45	2.61	NORTH DAKOTA	127	499	10,765	5	1.00
OHIO	4,809	8,348	4,756	240	2.87	OHIO	1,545	6,801	12,060	151	2.22
OREGON	4,589	4,474	2,671	201	4.49	OREGON	395	2,326	16,133	40	1.72
PENNSYLVANIA	8,026	14,589	4,980	515	3.53	PENNSYLVANIA	1,905	16,236	23,350	235	1.45
SOUTH CAROLINA	4,945	6,276	3,477	234	3.73	SOUTH CAROLINA	645	3,088	13,117	69	2.23
SOUTH DAKOTA	5,697	2,239	1,077	84	3.75	SOUTH DAKOTA	115	459	10,935	4	0.87
TENNESSEE	5,195	6,829	3,601	304	4.45	TENNESSEE	800	4,424	15,151	108	2.44
TEXAS	15,061	20,280	3,689	801	3.95	TEXAS	1,626	13,624	22,956	304	2.23
UTAH	2,465	1,478	1,643	57	3.86	UTAH	106	469	12,122	8	1.71
VERMONT	1,043	1,100	2,889	40	3.64	VERMONT	71	221	8,528	1	0.45
VIRGINIA	4,949	8,650	4,789	259	2.99	VIRGINIA	450	2,985	18,174	56	1.88
WASHINGTON	4,463	5,618	3,449	134	2.39	WASHINGTON	610	4,367	19,614	82	1.88
WEST VIRGINIA	2,263	2,733	3,309	156	5.71	WEST VIRGINIA	181	817	12,367	20	2.45
WISCONSIN	7,990	9,294	3,187	287	3.09	WISCONSIN	930	4,590	13,522	67	1.46
WYOMING	2,861	1,340	1,283	61	4.55	WYOMING	122	358	8,040	8	2.23
SUBTOTAL	196,687	225,848	3,146	8,504	3.77	SUBTOTAL	23,932	171,726	19,659	3,178	1.85
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-C. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1983

FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL					STATE	COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	1,372	3,961	7,910	72	1.82	ALABAMA	895	928	2,841	47	5.06
ALASKA	78	509	17,878	18	3.54	ALASKA	121	103	2,332	2	1.94
ARIZONA	1,139	4,313	10,374	153	3.55	ARIZONA	908	908	4,531	10	1.10
CALIFORNIA	11,469	57,452	13,724	1,641	2.86	CALIFORNIA	4,293	5,222	3,333	90	1.72
COLORADO	1,874	4,761	6,960	97	2.04	COLORADO	1,227	823	1,838	16	1.94
CONNECTICUT	1,225	3,816	8,535	96	2.52	CONNECTICUT	1,705	1,688	2,712	32	1.90
DELAWARE	157	658	11,482	10	1.52	DELAWARE	148	266	4,924	2	0.75
DIST. OF COL.	102	502	13,484	12	2.39	DIST. OF COL.	145	300	5,668	6	2.00
GEORGIA	1,775	4,848	7,483	97	2.00	GEORGIA	1,562	3,203	5,618	64	2.00
HAWAII	120	938	21,416	21	2.24	HAWAII	56	222	10,861	4	1.80
IDAHO	333	1,056	8,688	32	3.03	IDAHO	237	381	4,404	0	0.00
INDIANA	2,985	6,388	5,863	173	2.71	INDIANA	1,831	1,729	2,587	39	2.26
IOWA	1,372	1,773	3,540	33	1.86	IOWA	923	641	1,903	5	0.78
KANSAS	1,060	2,521	6,516	26	1.03	KANSAS	478	281	1,611	5	1.78
KENTUCKY	1,089	3,351	8,431	65	1.94	KENTUCKY	764	1,092	3,916	21	1.92
LOUISIANA	1,105	2,985	7,401	37	1.24	LOUISIANA	748	775	2,839	76	9.81
MICHIGAN	2,907	12,550	11,828	340	2.71	MICHIGAN	1,921	5,294	7,550	22	0.42
MINNESOTA	1,417	5,038	9,741	68	1.35	MINNESOTA	525	535	2,792	8	1.50
MISSISSIPPI	931	1,711	5,035	24	1.40	MISSISSIPPI	748	647	2,370	12	1.85
MISSOURI	1,793	6,264	9,571	121	1.93	MISSOURI	519	573	3,025	13	2.27
MONTANA	235	521	6,074	19	3.65	MONTANA	91	53	1,596	2	3.77
NEBRASKA	642	1,461	6,235	17	1.16	NEBRASKA	399	387	2,657	3	0.78
NEVADA	438	1,936	12,110	71	3.67	NEVADA	66	124	5,147	3	2.42
NEW JERSEY	3,539	12,301	9,523	318	2.59	NEW JERSEY	1,812	3,031	4,583	51	1.68
NEW MEXICO	503	1,628	8,867	67	4.12	NEW MEXICO	183	272	4,072	6	2.21
NEW YORK	5,077	18,284	9,867	552	3.02	NEW YORK	3,399	3,990	3,216	109	2.73
NORTH CAROLINA	2,036	7,164	9,640	73	1.02	NORTH CAROLINA	248	134	1,480	6	4.48
NORTH DAKOTA	195	234	3,288	5	2.14	NORTH DAKOTA	181	169	2,558	3	1.78
OHIO	3,438	9,540	7,602	234	2.45	OHIO	3,892	3,182	2,240	117	3.68
OREGON	1,051	2,781	7,249	63	2.27	OREGON	918	914	2,728	15	1.64
PENNSYLVANIA	3,661	7,879	5,896	212	2.69	PENNSYLVANIA	3,102	3,982	3,517	39	0.98
SOUTH CAROLINA	657	2,189	9,128	49	2.24	SOUTH CAROLINA	509	659	3,547	12	1.82
SOUTH DAKOTA	255	327	3,513	4	1.22	SOUTH DAKOTA	101	75	2,034	0	0.00
TENNESSEE	1,272	4,445	9,574	100	2.25	TENNESSEE	1,099	1,282	3,196	39	3.04
TEXAS	5,532	20,031	9,920	445	2.22	TEXAS	1,433	1,454	2,780	3	0.21
UTAH	522	2,398	12,586	63	2.63	UTAH	318	713	6,143	16	2.24
VERMONT	136	354	7,131	4	1.13	VERMONT	130	116	2,445	0	0.00
VIRGINIA	1,895	8,172	11,815	143	1.75	VIRGINIA	1,012	1,327	3,593	25	1.88
WASHINGTON	2,309	7,686	9,120	122	1.59	WASHINGTON	1,663	1,805	2,974	156	8.64
WEST VIRGINIA	384	1,051	7,499	22	2.09	WEST VIRGINIA	397	440	3,036	6	1.36
WISCONSIN	1,973	4,614	6,407	52	1.13	WISCONSIN	816	630	2,115	6	0.95
WYOMING	218	398	5,002	7	1.76	WYOMING	222	190	2,345	1	0.53
SUBTOTAL	70,271	240,789	9,388	5,778	2.40	SUBTOTAL	41,386	50,540	3,346	1,092	2.16
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

**TABLE 5-D. FATALITIES
BY STATE AND HIGHWAY SYSTEM - 1983
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE \sqrt
COMPLETE DATA					
ALABAMA	11,250	3,589	874	134	3.73
ALASKA	1,826	483	725	36	7.45
ARIZONA	3,167	1,555	1,345	74	4.76
CALIFORNIA	11,104	5,769	1,670	449	5.63
COLORADO	3,614	1,146	869	65	5.67
CONNECTICUT	895	1,008	3,086	35	3.47
DELAWARE	605	465	2,106	17	3.66
DIST. OF COL.	-	-	-	-	-
GEORGIA	14,014	4,822	943	200	4.15
HAWAII	430	317	2,020	11	3.47
IDAHO	4,058	1,522	1,028	53	3.48
INDIANA	9,211	5,426	1,614	168	3.10
IOWA	13,329	2,315	476	94	4.06
KANSAS	22,547	2,100	255	61	2.90
KENTUCKY	7,222	3,806	1,444	224	5.89
LOUISIANA	7,412	5,154	1,905	173	3.36
MICHIGAN	19,019	8,463	1,219	257	3.04
MINNESOTA	16,495	3,271	543	111	3.39
MISSISSIPPI	11,731	3,000	701	119	3.97
MISSOURI	18,071	4,228	641	191	4.52
MONTANA	4,705	504	253	33	6.55
NEBRASKA	11,412	1,087	261	32	2.94
NEVADA	2,331	686	806	32	4.66
NEW JERSEY	1,718	2,492	3,974	87	3.49
NEW MEXICO	3,973	1,124	775	82	7.30
NEW YORK	6,366	4,318	1,858	163	3.77
NORTH CAROLINA	10,407	8,697	2,250	301	3.46
NORTH DAKOTA	10,430	669	176	30	4.48
OHIO	11,782	7,241	1,684	232	3.20
OREGON	7,746	1,705	603	83	4.87
PENNSYLVANIA	8,196	5,340	1,785	207	3.88
SOUTH CAROLINA	8,505	3,806	1,226	206	5.41
SOUTH DAKOTA	11,223	882	215	29	3.29
TENNESSEE	5,282	1,770	918	117	6.61
TEXAS	32,722	12,689	1,062	653	5.15
UTAH	2,571	675	1,719	31	4.59
VERMONT	1,953	833	1,169	21	2.52
VIRGINIA	10,328	4,909	1,302	172	3.50
WASHINGTON	7,196	5,213	1,985	22	0.42
WEST VIRGINIA	6,330	3,064	1,326	142	4.63
WISCONSIN	11,773	3,788	882	104	2.75
WYOMING	2,279	383	460	24	6.27
SUBTOTAL	355,228	131,315	1,013	5,275	4.02
INCOMPLETE DATA					
ARKANSAS					
FLORIDA					
ILLINOIS					
MAINE					
MARYLAND					
MASSACHUSETTS					
NEW HAMPSHIRE					
OKLAHOMA					
RHODE ISLAND					
\sqrt FATALITIES PER 100 MILLION VEHICLE MILES.					

TABLE 5-E. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1983
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	-	-	-	-	-	ALABAMA	270	723	7,336	7	0.97
ALASKA	-	-	-	-	-	ALASKA	-	-	-	-	-
ARIZONA	15	17	3,105	2	11.76	ARIZONA	41	85	5,680	1	1.18
CALIFORNIA	31	30	2,651	2	6.67	CALIFORNIA	1,282	4,038	8,629	112	2.77
COLORADO	-	-	-	-	-	COLORADO	18	83	12,633	0	0.00
CONNECTICUT	9	18	5,479	1	5.56	CONNECTICUT	47	179	10,434	2	1.12
DELAWARE	-	-	-	-	-	DELAWARE	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	115	26,256	1	0.87
GEORGIA	-	-	-	-	-	GEORGIA	-	-	-	-	-
HAWAII	11	43	10,710	1	2.33	HAWAII	13	58	12,223	0	0.00
IDAHO	-	-	-	-	-	IDAHO	8	16	5,479	1	6.25
ILLINOIS	-	-	-	-	-	ILLINOIS	12	188	42,922	1	0.53
INDIANA	35	74	5,793	9	12.16	INDIANA	-	-	-	-	-
IOWA	-	-	-	-	-	IOWA	-	-	-	-	-
KANSAS	48	62	3,539	1	1.61	KANSAS	222	652	8,046	18	2.76
KENTUCKY	-	-	-	-	-	KENTUCKY	-	-	-	-	-
LOUISIANA	-	-	-	-	-	LOUISIANA	440	805	5,012	7	0.87
MASSACHUSETTS	-	-	-	-	-	MICHIGAN	164	325	5,429	3	0.92
MICHIGAN	-	-	-	-	-	MINNESOTA	48	41	2,340	3	7.32
MINNESOTA	-	-	-	-	-	MISSISSIPPI	-	-	-	-	-
MISSISSIPPI	242	26	294	2	7.69	MISSOURI	534	1,345	6,901	17	1.26
MISSOURI	9	7	2,131	0	0.00	MONTANA	37	64	4,739	0	0.00
MONTANA	80	18	616	0	0.00	NEBRASKA	-	-	-	-	-
NEBRASKA	-	-	-	-	-	NEVADA	19	88	12,689	1	1.14
NEVADA	1	4	10,959	0	0.00	NEW JERSEY	260	3,086	32,518	31	1.00
NEW JERSEY	119	1,007	23,184	20	1.99	NEW MEXICO	53	80	4,135	2	2.50
NEW MEXICO	-	-	-	-	-	NEW YORK	123	412	9,177	3	0.73
NEW YORK	-	-	-	-	-	NORTH CAROLINA	1,262	2,092	4,542	20	0.96
NORTH CAROLINA	249	112	1,232	0	0.00	NORTH DAKOTA	3	7	6,393	0	0.00
NORTH DAKOTA	-	-	-	-	-	OHIO	-	-	-	-	-
OHIO	-	-	-	-	-	OREGON	63	290	12,611	2	0.69
OREGON	271	130	1,314	5	3.85	PENNSYLVANIA	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	RHODE ISLAND	-	-	-	-	-
RHODE ISLAND	-	-	-	-	-	SOUTH CAROLINA	290	442	4,176	12	2.71
SOUTH CAROLINA	-	-	-	-	-	SOUTH DAKOTA	10	34	9,315	0	0.00
SOUTH DAKOTA	14	9	1,761	0	0.00	TENNESSEE	-	-	-	-	-
TENNESSEE	-	-	-	-	-	TEXAS	1,848	5,639	8,360	303	5.37
TEXAS	2	7	9,589	0	0.00	UTAH	47	31	1,807	1	3.23
UTAH	-	-	-	-	-	VERMONT	-	-	-	-	-
VERMONT	-	-	-	-	-	VIRGINIA	55	285	14,197	8	2.81
VIRGINIA	309	231	2,048	0	0.00	WASHINGTON	11	1	249	0	0.00
WASHINGTON	-	-	-	-	-	WEST VIRGINIA	1	16	43,836	0	0.00
WEST VIRGINIA	-	-	-	-	-	WISCONSIN	145	305	5,763	1	0.33
WISCONSIN	-	-	-	-	-	WYOMING	10	12	3,288	0	0.00
WYOMING	252	96	1,044	1	1.04	SUBTOTAL	7,348	21,537	8,030	557	2.59
SUBTOTAL	1,697	1,891	3,053	44	2.33	INCOMPLETE DATA					
INCOMPLETE DATA						ARKANSAS					
ARKANSAS						FLORIDA					
FLORIDA						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
NEW HAMPSHIRE						MASSACHUSETTS					
OKLAHOMA						NEW HAMPSHIRE					
						OKLAHOMA					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-F. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1983

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	7,167	995	380	57	5.73	ALABAMA	661	671	2,781	20	2.98
ALASKA	898	143	436	5	3.50	ALASKA	39	87	6,112	0	0.00
ARIZONA	4,850	693	391	34	4.91	ARIZONA	439	557	3,476	10	1.80
CALIFORNIA	12,078	3,588	814	204	5.69	CALIFORNIA	2,510	3,066	3,347	61	1.99
COLORADO	17,365	1,376	217	79	5.74	COLORADO	35	43	3,366	2	4.65
CONNECTICUT	1,207	451	1,024	17	3.77	CONNECTICUT	197	188	2,615	4	2.13
DELAWARE	159	50	862	0	0.00	DELAWARE	27	29	2,943	1	3.45
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	4	9	6,164	1	11.11
GEORGIA	7,337	2,341	874	150	6.41	GEORGIA	-	-	-	-	-
HAWAII	196	145	2,027	6	4.14	HAWAII	88	213	6,631	2	0.94
IDAHO	4,867	450	253	7	1.56	IDAHO	71	113	4,360	1	0.88
INDIANA	10,695	1,482	380	31	2.09	INDIANA	45	53	3,227	1	1.89
IOWA	16,479	699	116	35	5.01	IOWA	97	41	1,158	0	0.00
KANSAS	9,407	262	76	9	3.44	KANSAS	295	329	3,055	0	0.00
KENTUCKY	9,341	1,692	496	87	5.14	KENTUCKY	131	108	2,259	6	5.56
LOUISIANA	4,269	1,180	757	42	3.56	LOUISIANA	366	159	1,190	3	1.89
MICHIGAN	7,829	1,610	563	58	3.60	MICHIGAN	2,002	654	895	5	0.76
MINNESOTA	12,158	989	223	35	3.54	MINNESOTA	1,224	1,447	3,239	19	1.31
MISSISSIPPI	2,878	249	237	1	0.40	MISSISSIPPI	-	-	-	-	-
MISSOURI	5,492	305	152	10	3.28	MISSOURI	873	935	2,934	12	1.28
MONTANA	11,306	368	89	19	5.16	MONTANA	117	76	1,780	2	2.63
NEBRASKA	9,315	263	77	10	3.80	NEBRASKA	-	-	-	-	-
NEVADA	2,483	150	166	6	4.00	NEVADA	340	276	2,224	9	3.26
NEW JERSEY	1,290	1,106	2,349	26	2.35	NEW JERSEY	94	31	904	6	19.35
NEW MEXICO	3,176	253	218	25	9.88	NEW MEXICO	202	90	1,221	2	2.22
NEW YORK	11,039	3,843	954	124	3.23	NEW YORK	378	166	1,203	3	1.81
NORTH CAROLINA	9,417	2,614	761	129	4.93	NORTH CAROLINA	1,064	703	1,810	8	1.14
NORTH DAKOTA	8,136	215	72	10	4.65	NORTH DAKOTA	23	19	2,263	0	0.00
OHIO	7,525	2,742	998	65	2.37	OHIO	-	-	-	-	-
OREGON	9,079	1,054	318	21	1.99	OREGON	174	161	2,535	2	1.24
PENNSYLVANIA	9,049	2,393	725	68	2.84	PENNSYLVANIA	-	-	-	-	-
SOUTH CAROLINA	4,018	476	325	39	8.19	RHODE ISLAND	-	-	-	-	-
SOUTH DAKOTA	7,347	171	64	5	2.92	SOUTH CAROLINA	611	355	1,592	7	1.97
TENNESSEE	11,281	2,722	661	65	2.39	SOUTH DAKOTA	47	41	2,390	0	0.00
TEXAS	20,698	2,321	307	106	4.57	TENNESSEE	-	-	-	-	-
UTAH	4,920	187	104	12	6.42	TEXAS	3,740	4,136	3,030	88	2.13
VERMONT	1,024	153	409	5	3.27	UTAH	261	213	2,236	5	2.35
VIRGINIA	2,353	351	409	26	7.41	VERMONT	-	-	-	-	-
WASHINGTON	6,469	1,811	767	7	0.39	VIRGINIA	30	13	1,187	0	0.00
WEST VIRGINIA	2,192	318	397	4	1.26	WASHINGTON	28	18	1,761	2	11.11
WISCONSIN	6,696	935	383	47	5.03	WEST VIRGINIA	2	9	12,329	0	0.00
WYOMING	7,602	382	138	10	2.62	WISCONSIN	531	403	2,079	0	0.00
						WYOMING	38	31	2,235	0	0.00
SUBTOTAL	291,087	43,528	410	1,696	3.90	SUBTOTAL	16,784	15,443	2,521	282	1.83
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND											

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-G. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1983
NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL				STATE	URBAN							
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES				
				NUMBER					RATE λ	NUMBER	RATE λ		
COMPLETE DATA					COMPLETE DATA								
ALABAMA	48,648	2,805	158	60	ALABAMA	9,857	2,828	786	90			3.18	
ALASKA	2,626	19	354	19	ALASKA	1,048	250	654	2			0.80	
ARIZONA	55,065	1,613	80	55	ARIZONA	6,437	1,306	556	41			3.14	
CALIFORNIA	73,928	4,197	151	193	CALIFORNIA	41,879	12,728	833	235			1.85	
COLORADO	38,337	1,423	102	33	COLORADO	7,047	2,666	1,036	21			0.79	
CONNECTICUT	5,968	384	384	36	CONNECTICUT	6,679	1,533	629	22			1.44	
DELAWARE	2,678	377	386	13	DELAWARE	1,037	378	939	13			0.72	
DIST. OF COL.					DIST. OF COL.	669	269	1,102	10			3.72	
GEORGIA	55,638	1,888	93	131	GEORGIA	13,370	3,073	630	64			2.08	
HAWAII	1,932	264	374	5	HAWAII	933	703	2,064	12			1.71	
IDAHO	54,026	779	40	43	IDAHO	1,491	587	1,079	9			1.53	
INDIANA	49,037	1,760	98	94	INDIANA	11,781	3,258	1,758	78			2.39	
IOWA	65,279	1,436	61	53	IOWA	5,210	1,065	560	8			0.75	
KANSAS	83,527	1,529	40	67	KANSAS	9,773	1,481	703	22			1.49	
KENTUCKY	41,275	1,794	119	72	KENTUCKY	4,854	1,403	792	24			3.27	
LOUISIANA	30,932	1,632	145	92	LOUISIANA	8,892	1,225	377	40			4.95	
MICHIGAN	60,033	1,213	55	117	MICHIGAN	16,538	1,940	321	96			0.71	
MINNESOTA	80,368	2,332	79	54	MINNESOTA	2,118	1,415	815	15			3.39	
MISSISSIPPI	43,456	1,064	67	178	MISSISSIPPI	4,757	911	250	39			4.28	
MISSOURI	73,415	2,607	57	82	MISSOURI	9,981	1,911	1,340	2			0.24	
MONTANA	46,691	847	28	34	MONTANA	1,677	820	432	9			1.74	
NEBRASKA	59,313	1,095	51	42	NEBRASKA	3,180	502	540	7			0.75	
NEVADA	33,697	264	21	15	NEVADA	2,045	403	403	72			2.46	
NEW JERSEY	7,451	785	289	40	NEW JERSEY	15,748	9,541	1,660	26			2.72	
NEW MEXICO	38,236	726	52	43	NEW MEXICO	3,236	1,056	894	173			2.68	
NEW YORK	48,669	3,521	198	125	NEW YORK	25,026	6,354	679	85			1.20	
NORTH CAROLINA	50,694	2,893	156	190	NORTH CAROLINA	11,906	2,952	733	3			2.81	
NORTH DAKOTA	59,747	2,714	33	9	NORTH DAKOTA	938	251	1,345	274			3.04	
OHIO	57,831	6,552	310	125	OHIO	19,684	9,758	1,432	27			3.83	
OREGON	102,827	1,402	37	42	OREGON	5,638	889	432	30			0.45	
PENNSYLVANIA	61,055	5,137	231	118	PENNSYLVANIA	19,083	5,138	738	197			3.22	
SOUTH CAROLINA	36,148	2,613	198	124	SOUTH CAROLINA	6,180	933	414	30			1.57	
SOUTH DAKOTA	46,879	524	31	28	SOUTH DAKOTA	1,010	223	605	77			1.16	
TENNESSEE	49,257	1,564	87	114	TENNESSEE	8,562	3,912	1,252	214			1.32	
TEXAS	142,158	4,691	90	320	TEXAS	47,848	18,393	1,053	17			1.54	
UTAH	30,361	4,509	46	19	UTAH	3,701	1,292	956	3			1.25	
VERMONT	8,770	307	116	15	VERMONT	547	195	977	47			6.84	
VIRGINIA	33,769	2,893	235	80	VIRGINIA	8,927	3,765	1,155	48			1.50	
WASHINGTON	52,367	544	28	55	WASHINGTON	9,800	3,678	1,188	15			2.00	
WEST VIRGINIA	20,546	920	123	44	WEST VIRGINIA	1,698	216	312	27			1.80	
WISCONSIN	67,486	1,648	67	108	WISCONSIN	9,308	3,005	884	2			1.50	
WYOMING	22,756	239	29	17	WYOMING	893	125	384	2			2.00	
SUBTOTAL	1,944,866	69,811	98	3,113	SUBTOTAL	374,450	111,538	816	2,235				
INCOMPLETE DATA					INCOMPLETE DATA								
ARKANSAS					ARKANSAS								
FLORIDA					FLORIDA								
ILLINOIS					ILLINOIS								
MAINE					MAINE								
MARYLAND					MARYLAND								
MASSACHUSETTS					MASSACHUSETTS								
NEW HAMPSHIRE					NEW HAMPSHIRE								
OKLAHOMA					OKLAHOMA								
RHODE ISLAND					RHODE ISLAND								
λ FATALITIES PER 100 MILLION VEHICLE MILES.													

TABLE 6-A. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1983

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	639	2,850	12,219	653	22.91	ALABAMA	191	2,112	30,295	689	32.62
ALASKA	1,072	765	1,955	854	111.63	ALASKA	20	215	29,452	406	188.84
ARIZONA	1,021	3,078	8,259	1,696	55.10	ARIZONA	123	1,179	26,261	1,541	130.70
CALIFORNIA	1,443	9,458	17,957	4,212	44.53	CALIFORNIA	938	34,545	100,900	17,278	50.02
COLORADO	788	2,639	9,175	1,861	70.52	COLORADO	158	2,333	40,454	2,864	122.76
CONNECTICUT	108	992	25,165	395	39.82	CONNECTICUT	229	4,846	57,977	3,551	73.28
DELAWARE	-	-	-	-	-	DELAWARE	41	729	48,714	270	37.04
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	361	82,420	514	142.38
GEORGIA	886	6,278	19,413	1,290	20.55	GEORGIA	296	6,424	59,459	4,154	64.66
HAWAII	5	50	27,397	71	142.00	HAWAII	31	808	71,410	1,037	128.34
IDAHO	536	1,148	5,868	598	52.09	IDAHO	71	361	13,930	219	60.66
INDIANA	854	4,189	13,439	1,671	39.89	INDIANA	259	3,442	36,410	910	26.44
IOWA	614	2,272	10,138	676	29.75	IOWA	123	849	18,911	739	87.04
KANSAS	654	1,732	7,286	738	42.61	KANSAS	154	1,321	23,501	1,209	91.52
KENTUCKY	579	3,766	17,820	1,168	31.01	KENTUCKY	159	2,544	43,836	1,224	48.11
LOUISIANA	519	3,428	18,096	1,473	42.97	LOUISIANA	167	2,350	38,553	2,559	108.89
MICHIGAN	714	3,736	14,336	2,805	75.08	MICHIGAN	415	6,930	45,750	4,491	64.81
MINNESOTA	696	2,300	9,054	384	16.70	MINNESOTA	177	3,167	49,021	2,263	71.46
MISSISSIPPI	567	1,985	9,591	472	23.78	MISSISSIPPI	119	945	21,757	271	28.68
MISSOURI	824	3,692	12,276	1,194	32.34	MISSOURI	308	5,524	49,137	3,370	61.01
MONTANA	1,089	1,356	3,411	767	56.56	MONTANA	46	131	7,802	56	42.75
NEBRASKA	444	1,436	8,861	547	38.09	NEBRASKA	38	482	34,751	456	94.61
NEVADA	502	1,086	5,927	819	75.41	NEVADA	36	446	33,942	566	126.91
NEW JERSEY	128	1,453	31,100	302	20.78	NEW JERSEY	253	6,051	65,526	3,612	59.69
NEW MEXICO	913	2,343	7,031	1,484	63.34	NEW MEXICO	87	669	21,068	647	96.71
NEW YORK	881	4,342	13,503	2,396	55.18	NEW YORK	607	10,504	47,410	9,300	88.54
NORTH CAROLINA	578	3,771	17,875	1,130	29.97	NORTH CAROLINA	186	2,007	29,563	852	42.45
NORTH DAKOTA	533	731	3,757	157	21.48	NORTH DAKOTA	38	129	9,301	73	56.59
OHIO	880	7,106	22,123	2,046	28.79	OHIO	666	11,944	49,134	8,310	69.57
OREGON	585	2,566	12,017	816	31.80	OREGON	133	1,864	38,397	1,267	67.97
PENNSYLVANIA	1,186	6,589	15,221	2,832	42.98	PENNSYLVANIA	338	5,019	40,682	3,515	70.03
SOUTH CAROLINA	647	2,951	12,496	504	17.08	SOUTH CAROLINA	109	1,189	29,886	338	28.43
SOUTH DAKOTA	636	1,186	5,109	397	33.47	SOUTH DAKOTA	41	147	9,823	69	46.94
TENNESSEE	826	5,974	19,815	1,341	22.45	TENNESSEE	205	3,339	44,624	2,299	68.85
TEXAS	2,273	10,125	12,204	4,337	42.83	TEXAS	843	18,493	60,102	20,555	111.15
UTAH	681	1,490	5,994	1,000	67.11	UTAH	125	1,766	38,707	1,280	72.48
VERMONT	302	713	6,468	297	41.65	VERMONT	18	94	14,307	56	59.57
VIRGINIA	799	4,558	15,629	1,642	36.02	VIRGINIA	226	4,160	50,430	2,332	56.06
WASHINGTON	483	2,912	16,518	1,073	36.85	WASHINGTON	232	5,491	64,844	3,673	66.89
WEST VIRGINIA	389	1,400	9,860	528	37.71	WEST VIRGINIA	90	712	21,674	480	67.42
WISCONSIN	466	2,920	17,167	876	30.00	WISCONSIN	111	1,974	48,723	1,442	73.05
WYOMING	868	1,371	4,327	1,083	78.99	WYOMING	49	134	7,492	68	50.75
SUBTOTAL	28,608	122,737	11,754	48,585	39.58	SUBTOTAL	8,468	157,730	51,032	110,805	70.25
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-B. NONFATALY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1983

OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALY INJURED PERSONS	
				NUMBER	RATE ^{1/}					NUMBER	RATE ^{1/}
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5,903	6,176	2,866	5,245	84.93	ALABAMA	745	3,394	12,481	2,911	85.77
ALASKA	1,013	372	1,006	492	132.26	ALASKA	31	77	6,805	291	377.92
ARIZONA	3,316	3,162	2,612	2,479	78.40	ARIZONA	172	1,145	18,238	5,030	439.30
CALIFORNIA	9,746	18,352	5,159	17,440	95.03	CALIFORNIA	1,332	23,207	47,733	21,152	91.14
COLORADO	4,399	4,059	2,528	4,259	104.93	COLORADO	561	2,757	13,464	6,513	236.23
CONNECTICUT	689	1,683	6,692	2,446	145.34	CONNECTICUT	576	3,457	16,443	8,568	247.84
DELAWARE	332	1,261	10,406	996	78.98	DELAWARE	96	673	19,207	1,558	231.50
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	158	1,543	26,756	4,862	315.10
GEORGIA	8,665	9,040	2,858	8,301	91.83	GEORGIA	1,412	6,920	13,427	15,168	219.19
HAWAII	371	881	6,506	1,441	163.56	HAWAII	111	1,231	30,384	2,588	210.24
IDAHO	2,707	1,678	1,698	1,999	119.13	IDAHO	42	196	12,785	461	235.20
INDIANA	4,209	7,293	4,747	10,540	144.52	INDIANA	782	4,555	15,958	8,598	188.76
IOWA	8,177	5,889	1,973	5,226	88.74	IOWA	686	2,661	10,627	7,785	292.56
KANSAS	7,762	4,822	1,702	3,893	80.73	KANSAS	338	1,361	11,032	3,475	255.33
KENTUCKY	3,279	4,578	3,825	5,872	128.27	KENTUCKY	457	2,585	15,497	4,308	166.65
LOUISIANA	2,664	5,104	5,249	5,912	115.83	LOUISIANA	496	2,776	15,334	11,903	428.78
MICHIGAN	4,679	8,357	4,893	17,902	214.22	MICHIGAN	1,246	9,783	21,511	5,044	51.56
MINNESOTA	8,804	7,291	2,269	5,266	72.23	MINNESOTA	481	2,534	14,433	4,688	185.00
MISSISSIPPI	5,295	5,097	2,637	3,864	75.81	MISSISSIPPI	351	1,663	12,981	1,319	79.31
MISSOURI	6,359	6,858	2,955	6,339	92.43	MISSOURI	535	3,294	16,869	5,005	151.94
MONTANA	5,370	2,222	1,134	2,726	122.68	MONTANA	109	401	10,079	836	208.48
NEBRASKA	6,941	3,578	1,412	2,812	78.59	NEBRASKA	277	1,243	12,294	3,329	267.82
NEVADA	1,789	961	1,472	977	101.66	NEVADA	59	448	20,803	369	82.37
NEW JERSEY	814	2,970	9,996	4,947	166.57	NEW JERSEY	645	8,363	35,523	17,707	211.73
NEW MEXICO	3,378	2,641	2,142	2,412	91.33	NEW MEXICO	187	796	11,662	3,095	388.82
NEW YORK	6,479	9,116	3,855	34,671	380.33	NEW YORK	1,793	18,933	28,930	35,942	189.84
NORTH CAROLINA	3,731	7,433	5,458	6,963	93.68	NORTH CAROLINA	626	4,466	19,546	5,439	121.79
NORTH DAKOTA	5,460	1,726	866	1,040	60.25	NORTH DAKOTA	127	499	10,765	1,003	201.00
OHIO	4,809	8,348	4,756	11,218	134.38	OHIO	1,545	6,801	12,060	24,279	356.99
OREGON	4,589	4,474	2,671	5,695	127.29	OREGON	395	2,326	16,133	5,521	237.36
PENNSYLVANIA	8,026	14,589	4,980	19,026	130.41	PENNSYLVANIA	1,905	16,236	23,350	21,910	134.95
SOUTH CAROLINA	4,945	6,276	3,477	4,391	69.96	SOUTH CAROLINA	645	3,088	13,117	5,582	180.76
SOUTH DAKOTA	5,697	2,239	1,077	1,549	69.18	SOUTH DAKOTA	115	459	10,935	1,145	249.46
TENNESSEE	5,195	6,829	3,601	7,343	107.53	TENNESSEE	800	4,424	15,151	8,901	201.20
TEXAS	15,061	20,280	3,689	14,950	73.72	TEXAS	1,626	13,624	22,956	23,832	174.93
UTAH	2,465	1,478	1,643	1,531	103.59	UTAH	106	469	12,122	748	159.49
VERMONT	1,043	1,100	2,889	1,482	134.73	VERMONT	71	221	8,528	482	218.10
VIRGINIA	4,949	8,650	4,789	9,074	104.90	VIRGINIA	450	2,985	18,174	5,338	178.83
WASHINGTON	4,463	5,618	3,449	10,076	179.35	WASHINGTON	610	4,367	19,614	6,954	159.24
WEST VIRGINIA	2,263	2,733	3,309	5,674	207.61	WEST VIRGINIA	181	817	12,367	2,045	250.31
WISCONSIN	7,990	9,294	3,187	8,708	93.69	WISCONSIN	930	4,590	13,522	8,771	191.09
WYOMING	2,861	1,340	1,283	1,213	90.52	WYOMING	122	358	8,040	644	179.89
SUBTOTAL	196,687	225,848	3,146	268,390	118.84	SUBTOTAL	23,932	171,726	19,659	305,099	177.67
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

^{1/} NONFATALY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-C. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1983
FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL					STATE	COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS		
				NUMBER	RATE ^{1/}					NUMBER	RATE ^{1/}	
COMPLETE DATA						COMPLETE DATA						
ALABAMA	1,372	3,961	7,910	3,953	99.80	ALABAMA	895	928	2,841	3,212	346.12	
ALASKA	78	509	17,878	1,823	358.15	ALASKA	121	103	2,332	186	180.58	
ARIZONA	1,139	4,313	10,374	22,083	512.01	ARIZONA	908	908	4,531	2,073	228.30	
CALIFORNIA	11,469	57,452	13,724	130,241	226.70	CALIFORNIA	4,293	5,222	3,333	7,184	137.57	
COLORADO	1,874	4,761	6,960	13,613	285.93	COLORADO	1,227	823	1,838	2,277	276.67	
CONNECTICUT	1,225	3,816	8,535	13,875	363.60	CONNECTICUT	1,705	1,688	2,712	5,953	352.67	
DELAWARE	157	658	11,482	1,449	220.21	DELAWARE	148	266	4,924	499	187.59	
DIST. OF COL.	102	502	13,484	1,805	359.56	DIST. OF COL.	145	300	5,668	2,055	685.00	
GEORGIA	1,775	4,848	7,483	10,350	213.49	GEORGIA	1,562	3,203	5,618	6,777	211.58	
HAWAII	120	938	21,416	2,697	287.53	HAWAII	56	222	10,861	686	309.01	
IDAHO	333	1,056	8,688	2,795	264.68	IDAHO	237	381	4,404	469	123.10	
INDIANA	2,985	6,388	5,863	15,199	237.93	INDIANA	1,831	1,729	2,587	3,528	204.05	
IOWA	1,372	1,773	3,540	4,671	263.45	IOWA	923	641	1,903	666	103.90	
KANSAS	1,060	2,521	6,516	6,649	263.74	KANSAS	478	281	1,611	556	197.86	
KENTUCKY	1,089	3,351	8,431	8,672	258.79	KENTUCKY	764	1,092	3,916	2,230	204.21	
LOUISIANA	1,105	2,985	7,401	10,124	339.16	LOUISIANA	748	775	2,839	154	19.87	
MICHIGAN	2,907	12,550	11,828	14,345	114.30	MICHIGAN	1,921	5,294	7,550	1,812	34.23	
MINNESOTA	1,417	5,038	9,741	11,088	220.09	MINNESOTA	525	535	2,792	1,169	218.50	
MISSISSIPPI	931	1,711	5,035	2,184	127.64	MISSISSIPPI	748	647	2,370	594	91.81	
MISSOURI	1,793	6,264	9,571	16,831	268.69	MISSOURI	519	573	3,025	1,815	316.75	
MONTANA	235	521	6,074	1,338	256.81	MONTANA	91	53	1,596	299	564.15	
NEBRASKA	642	1,461	6,235	6,104	417.80	NEBRASKA	399	387	2,657	1,264	326.61	
NEVADA	438	1,936	12,110	6,007	310.28	NEVADA	66	124	5,147	188	151.61	
NEW JERSEY	3,539	12,301	9,523	54,574	443.65	NEW JERSEY	1,812	3,031	4,583	11,141	367.57	
NEW MEXICO	503	1,628	8,867	7,106	436.49	NEW MEXICO	183	272	4,072	646	237.50	
NEW YORK	5,077	18,284	9,867	56,548	309.28	NEW YORK	3,399	3,990	3,216	6,474	162.26	
NORTH DAKOTA	195	234	3,288	805	344.02	NORTH DAKOTA	181	169	2,558	338	200.00	
OHIO	3,438	9,540	7,602	41,585	435.90	OHIO	3,892	3,182	2,240	19,454	611.38	
OREGON	1,051	2,781	7,249	11,491	413.20	OREGON	918	914	2,728	2,813	307.77	
PENNSYLVANIA	3,661	7,879	5,896	23,191	294.34	PENNSYLVANIA	3,102	3,982	3,517	3,895	97.82	
SOUTH CAROLINA	657	2,189	9,128	2,376	108.54	SOUTH CAROLINA	509	659	3,847	386	58.57	
SOUTH DAKOTA	255	327	3,513	670	204.89	SOUTH DAKOTA	101	75	2,034	115	153.33	
TENNESSEE	1,272	4,445	9,574	12,398	278.92	TENNESSEE	1,099	1,282	3,196	3,148	245.55	
TEXAS	5,532	20,031	9,920	29,448	147.01	TEXAS	1,433	1,454	2,780	153	10.52	
UTAH	522	2,398	12,586	7,129	297.29	UTAH	318	713	6,143	1,801	252.59	
VERMONT	136	354	7,131	603	170.34	VERMONT	130	116	2,445	241	207.76	
VIRGINIA	1,895	8,172	11,815	20,023	245.02	VIRGINIA	1,012	1,327	3,593	3,478	262.09	
WASHINGTON	2,309	7,686	9,120	12,706	165.31	WASHINGTON	1,663	1,805	2,974	16,090	891.41	
WEST VIRGINIA	384	1,051	7,499	3,339	317.70	WEST VIRGINIA	357	440	3,036	537	122.05	
WISCONSIN	1,973	4,614	6,407	4,685	101.54	WISCONSIN	816	630	2,115	1,095	173.81	
WYOMING	218	398	5,002	425	106.78	WYOMING	222	190	2,345	289	152.11	
SUBTOTAL	68,235	233,625	9,380	596,998	255.54	SUBTOTAL	41,138	50,406	3,357	117,740	233.58	
INCOMPLETE DATA						INCOMPLETE DATA						
ARKANSAS						ARKANSAS						
FLORIDA						FLORIDA						
ILLINOIS						ILLINOIS						
MAINE						MAINE						
MARYLAND						MARYLAND						
MASSACHUSETTS						MASSACHUSETTS						
NEW HAMPSHIRE						NEW HAMPSHIRE						
NORTH CAROLINA						NORTH CAROLINA						
OKLAHOMA						OKLAHOMA						
RHODE ISLAND						RHODE ISLAND						

^{1/} NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

**TABLE 6-D. NONFATALLY INJURED PERSONS
BY STATE AND HIGHWAY SYSTEM - 1983**
FEDERAL-AID SECONDARY HIGHWAYS

STATE	COLLECTOR, RURAL					RATE ^{1/}
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS		
				NUMBER	RATE ^{1/}	
COMPLETE DATA						
ALABAMA	11,250	3,589	874	2,813	78.38	
ALASKA	1,826	483	725	920	190.48	
ARIZONA	3,167	1,555	1,345	1,736	111.64	
CALIFORNIA	11,104	6,769	1,670	24,373	360.07	
COLORADO	3,614	1,146	869	1,643	143.37	
CONNECTICUT	895	1,008	3,086	1,749	173.51	
DELAWARE	605	465	2,106	559	120.22	
DIST. OF COL.	-	-	-	-	-	
GEORGIA	14,014	4,822	943	4,460	92.49	
HAWAII	430	317	2,020	525	165.62	
IDAHO	4,058	1,522	1,028	1,353	88.90	
INDIANA	9,211	5,426	1,614	8,160	150.39	
IOWA	13,329	2,315	476	2,641	114.08	
KANSAS	22,547	2,100	255	2,337	111.29	
KENTUCKY	7,222	3,806	1,444	7,234	190.07	
LOUISIANA	7,412	5,154	1,905	9,176	178.04	
MICHIGAN	19,019	8,463	1,219	750	8.86	
MINNESOTA	16,495	3,271	543	3,350	102.42	
MISSISSIPPI	11,731	3,000	701	1,692	56.40	
MISSOURI	18,071	4,228	641	5,576	131.88	
MONTANA	4,705	504	293	597	118.45	
NEBRASKA	11,412	1,087	261	1,365	125.57	
NEVADA	2,331	686	806	735	107.14	
NEW JERSEY	1,718	2,492	3,974	4,564	183.15	
NEW MEXICO	3,973	1,124	775	1,630	145.02	
NEW YORK	6,366	4,318	1,858	19,955	462.14	
NORTH CAROLINA	10,407	8,697	2,290	10,460	120.27	
NORTH DAKOTA	10,430	669	176	619	52.53	
OHIO	11,782	7,241	1,684	12,777	176.45	
OREGON	7,746	1,706	603	3,348	196.25	
PENNSYLVANIA	8,196	5,340	1,785	9,031	169.12	
SOUTH CAROLINA	8,505	3,806	1,226	3,230	84.87	
SOUTH DAKOTA	11,223	882	215	582	65.99	
TENNESSEE	5,282	1,770	918	5,172	292.20	
TEXAS	32,722	12,689	1,062	14,532	114.52	
UTAH	2,571	675	719	886	131.26	
VERMONT	1,953	833	1,169	1,403	168.43	
VIRGINIA	10,328	4,909	1,302	8,270	168.47	
WASHINGTON	7,196	5,213	1,985	1,613	30.94	
WEST VIRGINIA	6,330	3,064	1,326	6,514	212.60	
WISCONSIN	11,773	3,788	882	8,563	226.06	
WYOMING	2,279	383	460	417	108.88	
SUBTOTAL	355,228	131,315	1,013	197,310	150.26	
INCOMPLETE DATA						
ARKANSAS						
FLORIDA						
ILLINOIS						
MAINE						
MARYLAND						
MASSACHUSETTS						
NEW HAMPSHIRE						
OKLAHOMA						
RHODE ISLAND						
^{1/} NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.						

TABLE 6-E. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1983

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	-	-	-	-	-	ALABAMA	270	723	7,336	414	57.26
ALASKA	-	-	-	-	-	ALASKA	-	-	-	-	-
ARIZONA	15	17	3,105	18	105.88	ARIZONA	41	85	5,680	100	117.65
CALIFORNIA	31	30	2,651	167	556.67	CALIFORNIA	1,282	4,038	8,629	10,022	248.19
COLORADO	-	-	-	-	-	COLORADO	18	83	12,633	93	112.05
CONNECTICUT	9	18	5,479	36	200.00	CONNECTICUT	47	179	10,434	308	172.07
DELAWARE	-	-	-	-	-	DELAWARE	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	115	26,256	296	257.39
GEORGIA	-	-	-	-	-	GEORGIA	-	-	-	-	-
HAWAII	11	43	10,710	89	206.98	HAWAII	13	58	12,223	221	381.03
IDAHO	-	-	-	-	-	IDAHO	8	16	5,479	85	531.25
ILLINOIS	-	-	-	-	-	INDIANA	12	188	42,922	90	47.87
INDIANA	35	74	5,793	438	591.89	IOWA	-	-	-	-	-
IOWA	-	-	-	-	-	KANSAS	222	652	8,046	2,469	378.68
KANSAS	48	62	3,539	34	54.84	KENTUCKY	-	-	-	-	-
KENTUCKY	-	-	-	-	-	LOUISIANA	440	805	5,012	438	54.41
LOUISIANA	-	-	-	-	-	MICHIGAN	164	325	5,429	560	172.31
MASSACHUSETTS	-	-	-	-	-	MINNESOTA	48	41	2,340	190	463.41
MICHIGAN	-	-	-	-	-	MISSISSIPPI	-	-	-	-	-
MINNESOTA	-	-	-	-	-	MISSOURI	534	1,345	6,901	4,527	336.58
MISSISSIPPI	242	26	294	8	30.77	MONTANA	37	64	4,739	85	132.81
MISSOURI	9	7	2,131	38	542.86	NEBRASKA	-	-	-	-	-
MONTANA	80	18	616	12	66.67	NEVADA	19	88	12,689	96	109.09
NEBRASKA	-	-	-	-	-	NEW JERSEY	260	3,086	32,518	2,529	81.95
NEVADA	1	4	10,959	2	50.00	NEW MEXICO	53	80	4,135	616	770.00
NEW JERSEY	119	1,007	23,184	821	81.53	NEW YORK	123	412	9,177	1,542	374.27
NEW MEXICO	-	-	-	-	-	NORTH DAKOTA	3	7	6,393	0	0.00
NEW YORK	-	-	-	-	-	OHIO	-	-	-	-	-
NORTH DAKOTA	-	-	-	-	-	OREGON	63	290	12,611	106	36.55
OHIO	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
OREGON	271	130	1,314	225	173.08	RHODE ISLAND	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	SOUTH CAROLINA	290	442	4,176	919	207.92
RHODE ISLAND	-	-	-	-	-	SOUTH DAKOTA	10	34	9,315	152	447.06
SOUTH CAROLINA	-	-	-	-	-	TENNESSEE	-	-	-	-	-
SOUTH DAKOTA	14	9	1,761	0	0.00	TEXAS	1,848	5,639	8,360	1,704	30.22
TENNESSEE	-	-	-	-	-	UTAH	47	31	1,807	85	274.19
TEXAS	2	7	9,589	6	85.71	VERMONT	-	-	-	-	-
UTAH	-	-	-	-	-	VIRGINIA	55	285	14,197	44	15.44
VERMONT	-	-	-	-	-	WASHINGTON	11	1	249	0	0.00
VIRGINIA	309	231	2,048	0	0.00	WEST VIRGINIA	1	16	43,836	25	156.25
WASHINGTON	-	-	-	-	-	WISCONSIN	145	305	5,763	365	119.67
WEST VIRGINIA	-	-	-	-	-	WYOMING	10	12	3,288	0	0.00
WISCONSIN	-	-	-	-	-						
WYOMING	252	96	1,044	157	163.54	SUBTOTAL	6,086	19,445	8,754	28,081	144.41
SUBTOTAL	1,448	1,779	3,366	2,051	115.29	INCOMPLETE DATA					
INCOMPLETE DATA						ARKANSAS					
ARKANSAS						FLORIDA					
FLORIDA						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
NEW HAMPSHIRE						MASSACHUSETTS					
NORTH CAROLINA						NEW HAMPSHIRE					
OKLAHOMA						NORTH CAROLINA					
						OKLAHOMA					

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-F. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1983
NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	7,167	995	380	1,407	141.41	ALABAMA	661	671	2,781	1,376	205.07
ALASKA	898	143	436	274	191.61	ALASKA	39	87	6,112	158	181.61
ARIZONA	4,850	693	391	407	58.73	ARIZONA	439	557	3,476	1,683	302.15
CALIFORNIA	12,078	3,588	814	17,200	479.38	CALIFORNIA	2,510	3,066	3,347	5,458	178.02
COLORADO	17,365	1,376	217	2,602	189.10	COLORADO	35	43	3,366	167	388.37
CONNECTICUT	1,207	451	1,024	933	206.87	CONNECTICUT	197	188	2,615	539	286.70
DELAWARE	159	50	862	86	172.00	DELAWARE	27	29	2,943	26	89.66
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	4	9	6,164	68	755.56
GEORGIA	7,337	2,341	874	3,966	169.41	GEORGIA	-	-	-	-	-
HAWAII	196	145	2,027	146	100.69	HAWAII	88	213	6,631	185	86.85
IDAHO	4,867	450	253	216	48.00	IDAHO	71	113	4,360	102	90.27
INDIANA	10,695	1,482	380	1,457	98.31	INDIANA	45	53	3,227	90	169.81
IOWA	16,479	699	116	983	140.63	IOWA	97	41	1,158	42	102.44
KANSAS	9,407	262	76	270	103.05	KANSAS	295	329	3,055	738	224.32
KENTUCKY	9,341	1,692	496	3,230	190.90	KENTUCKY	131	108	2,259	336	311.11
LOUISIANA	4,269	1,180	757	2,025	171.61	LOUISIANA	366	159	1,190	43	27.04
MICHIGAN	7,829	1,610	563	13,425	833.85	MICHIGAN	2,002	654	895	1,259	192.51
MINNESOTA	12,158	989	223	1,138	115.07	MINNESOTA	1,224	1,447	3,239	3,813	263.51
MISSISSIPPI	2,878	249	237	10	4.02	MISSISSIPPI	-	-	-	-	-
MISSOURI	5,492	305	152	291	95.41	MISSOURI	873	935	2,934	3,064	327.70
MONTANA	11,306	368	89	411	111.68	MONTANA	117	76	1,780	17	22.37
NEBRASKA	9,315	263	77	498	189.35	NEBRASKA	-	-	-	-	-
NEVADA	2,483	150	166	108	72.00	NEVADA	340	276	2,224	765	277.17
NEW JERSEY	1,290	1,106	2,349	1,637	148.01	NEW JERSEY	94	31	904	184	593.55
NEW MEXICO	3,176	253	218	348	137.55	NEW MEXICO	202	90	1,221	1,006	1,117.78
NEW YORK	11,039	3,843	954	17,793	463.00	NEW YORK	378	166	1,203	577	347.59
NORTH DAKOTA	8,136	215	72	204	94.88	NORTH DAKOTA	23	19	2,263	52	273.68
OHIO	7,525	2,742	998	2,930	106.86	OHIO	-	-	-	-	-
OREGON	9,079	1,054	318	620	58.82	OREGON	174	161	2,535	377	234.16
PENNSYLVANIA	9,049	2,393	725	4,869	203.47	PENNSYLVANIA	-	-	-	-	-
SOUTH CAROLINA	4,018	476	325	301	63.24	RHODE ISLAND	-	-	-	-	-
SOUTH DAKOTA	7,347	171	64	146	85.38	SOUTH CAROLINA	611	355	1,592	509	143.38
TENNESSEE	11,281	2,722	561	478	17.56	SOUTH DAKOTA	47	41	2,390	130	317.07
TEXAS	20,698	2,321	307	1,985	85.52	TENNESSEE	-	-	-	-	-
UTAH	4,920	187	104	269	143.85	TEXAS	3,740	4,136	3,030	53	1.28
VERMONT	1,024	153	409	248	162.09	UTAH	261	213	2,236	592	277.93
VIRGINIA	2,353	351	409	842	239.89	VERMONT	-	-	-	-	-
WASHINGTON	6,469	1,811	767	208	11.49	VIRGINIA	30	13	1,167	41	315.38
WEST VIRGINIA	2,192	318	397	585	183.96	WASHINGTON	28	18	1,761	245	1,361.11
WISCONSIN	6,696	935	383	654	69.95	WEST VIRGINIA	2	9	12,329	4	44.44
WYOMING	7,602	382	138	215	56.28	WISCONSIN	531	403	2,079	730	181.14
						WYOMING	38	31	2,235	0	0.00
SUBTOTAL	281,670	40,914	398	85,415	208.77	SUBTOTAL	15,720	14,740	2,569	24,429	165.73
INCOMPLETE DATA						INCOMPLETE DATA					
ARKANSAS						ARKANSAS					
FLORIDA						FLORIDA					
ILLINOIS						ILLINOIS					
MAINE						MAINE					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW HAMPSHIRE						NEW HAMPSHIRE					
NORTH CAROLINA						NORTH CAROLINA					
OKLAHOMA						OKLAHOMA					
RHODE ISLAND						RHODE ISLAND					

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-G. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1983
NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL				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 λ				NUMBER	RATE λ			
COMPLETE DATA													
ALABAMA	48,648	2,805	158	1,406	50.12	9,857	2,828	786	8,588	303.58			
ALASKA	2,626	354	369	1,212	342.37	1,048	250	684	89	35.50			
ARIZONA	55,065	1,613	80	5,281	928.02	5,437	1,506	556	5,939	454.75			
CALIFORNIA	75,923	4,197	151	16,780	359.81	41,879	12,728	833	21,029	115.22			
COLORADO	38,337	1,423	102	1,714	120.45	7,047	2,666	1,036	3,001	162.22			
CONNECTICUT	5,968	771	384	1,619	209.99	6,679	1,533	999	5,037	328.57			
DELAWARE	2,678	377	386	886	235.01	1,037	438	378	603	159.52			
DIST. OF COL.	-	-	-	-	-	1,659	269	999	1,441.64	1,441.64			
GEORGIA	55,638	1,888	93	3,420	181.14	13,370	3,073	1,102	3,878	350.00			
HAWAII	1,932	264	374	557	210.98	587	703	2,064	6,561	216.76			
IDAHO	54,026	1,734	40	1,734	222.59	1,431	587	2,064	1,585	225.46			
INDIANA	49,037	1,760	98	4,565	259.93	11,781	3,258	1,079	7,055	200.68			
IOWA	65,279	1,456	61	1,489	102.27	5,210	1,065	758	1,132	216.54			
KANSAS	83,527	1,529	40	2,772	225.55	5,773	1,481	560	1,132	106.29			
KENTUCKY	41,275	1,794	119	3,702	206.35	4,854	1,403	703	3,528	282.31			
LOUISIANA	30,932	1,213	145	7,634	467.77	8,892	1,225	792	3,528	251.46			
MICHIGAN	80,368	2,332	55	20,137	1,560.10	16,538	1,940	321	22,783	1,858.20			
MINNESOTA	80,368	1,064	79	958	41.08	9,082	2,118	639	3,807	2,745.44			
MISSISSIPPI	43,456	2,607	67	2,425	227.91	4,757	1,415	915	1,581	111.73			
MISSOURI	73,415	1,995	97	5,279	202.49	9,951	511	230	1,544	169.48			
MONTANA	46,691	2,547	38	1,834	283.46	1,677	820	1,340	1,369	45.00			
NEBRASKA	59,313	1,095	51	2,103	192.05	3,160	502	432	1,407	280.28			
NEVADA	33,697	264	21	197	74.62	2,045	403	540	1,145	284.12			
NEW JERSEY	7,451	785	289	2,758	351.34	15,748	9,541	1,560	15,813	165.74			
NEW MEXICO	38,236	726	52	1,493	205.65	3,236	1,056	894	2,636	249.62			
NEW YORK	48,669	3,521	198	30,485	865.80	25,026	6,354	696	35,620	560.75			
NORTH DAKOTA	59,747	714	33	673	94.26	9,928	251	733	30,879	210.76			
OHIO	57,831	6,552	310	8,984	137.12	19,884	9,758	1,345	30,879	316.45			
OREGON	102,827	1,402	37	1,239	88.37	5,638	889	432	3,863	434.53			
PENNSYLVANIA	61,055	5,137	231	6,012	155.97	19,093	5,138	738	29,812	434.53			
SOUTH CAROLINA	36,148	2,613	198	2,496	95.52	6,180	933	414	2,426	580.23			
SOUTH DAKOTA	46,879	524	31	823	157.06	1,010	223	605	2,426	260.02			
TENNESSEE	49,267	1,564	87	4,753	303.90	8,562	3,912	223	487	218.39			
TEXAS	142,158	4,691	90	15,234	324.75	47,848	18,393	1,252	8,405	214.85			
UTAH	30,351	509	46	1,499	149.90	3,701	1,292	1,053	81,368	442.39			
VERMONT	8,770	372	116	917	254.57	3,701	195	375	2,826	218.73			
VIRGINIA	33,759	2,892	235	4,656	162.32	8,547	195	577	6,248	144.10			
WASHINGTON	92,367	544	28	1,522	279.78	9,900	678	188	5,821	165.95			
WEST VIRGINIA	20,546	520	123	3,444	374.35	1,898	216	312	2,202	858.55			
WISCONSIN	67,486	1,648	67	5,633	341.81	9,308	3,005	884	13,520	1,019.44			
WYOMING	22,755	1,239	29	5,615	257.32	893	125	384	395	449.92			
SUBTOTAL	1,894,192	66,918	97	182,295	272.40	362,544	108,586	821	402,512	370.68			
INCOMPLETE DATA													
ARKANSAS													
FLORIDA													
ILLINOIS													
INDIANA													
MAINE													
MARYLAND													
MASSACHUSETTS													
NEW HAMPSHIRE													
NORTH CAROLINA													
OKLAHOMA													
RHODE ISLAND													

λ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

SECTION III—OTHER RATES

A. Highway Mileage

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

B. Population

Population rates are most useful for comparing motor vehicle accidents with other public health problems. In 1978, only heart disease, cancer, stroke, and pneumonia were responsible for more deaths, according to the National Center for Health Statistics. State rates per thousand residents are listed in Table 8 for fatal and nonfatal injury accidents, fatalities, and nonfatally injured persons.

C. Licensed Drivers

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

D. Registered Vehicles

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

TABLE 7. U.S. HIGHWAY-MILE RATES BY HIGHWAY SYSTEM - 1983¹

HIGHWAY SYSTEM	HIGHWAY MILES ^{2/}	VEHICLE MILES (MILLIONS) ^{2/}	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS ^{4/}		FATALITIES		NONFATAL INJURED PERSONS ^{4/}	
				NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}
INTERSTATE (ARTERIAL)											
RURAL	32,788	144,733	12,094	1,872	57.09	36,534	1,114.2	2,178	66.43	58,421	1,781.8
URBAN	10,240	191,149	51,142	1,719	167.87	91,765	8,961.4	1,929	188.38	136,945	13,373.5
TOTAL	43,028	335,882	21,387	3,591	83.46	128,299	2,981.8	4,107	95.45	195,366	4,540.4
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	225,928	269,712	3,271	8,640	38.24	196,408	869.3	10,256	45.44	326,882	1,446.8
URBAN	31,084	213,460	18,814	3,580	115.17	253,111	8,142.8	3,987	128.27	386,774	12,442.9
TOTAL	257,012	483,172	5,151	12,220	47.55	449,519	1,749.0	14,253	55.46	713,656	2,776.7
FEDERAL-AID URBAN											
ARTERIAL	83,944	292,638	9,551	6,595	78.56	513,500	6,117.2	7,091	84.47	762,635	9,085.0
COLLECTOR	53,251	67,379	3,467	1,368	25.69	112,276	2,108.4	1,469	27.59	160,505	3,014.1
TOTAL (ALL URBAN)	137,195	360,017	7,189	7,963	58.04	625,776	4,561.2	8,560	62.39	923,140	6,728.7
FEDERAL-AID SECONDARY (COLLECTOR)											
TOTAL (ALL RURAL)	397,329	148,250	1,022	5,259	13.24	146,211	368.0	6,017	15.14	227,177	571.8
NON-FEDERAL-AID ARTERIAL											
RURAL	2,861	3,671	3,515	69	24.12	2,392	836.1	87	30.41	4,316	1,508.6
URBAN	8,317	24,487	8,066	613	73.70	24,150	2,903.7	640	76.95	36,063	4,336.1
TOTAL	11,178	28,158	6,902	682	61.01	26,542	2,374.5	727	65.04	40,379	3,612.4
NON-FEDERAL-AID COLLECTOR											
RURAL	336,990	52,342	426	1,867	5.54	74,936	222.4	2,061	6.12	111,441	330.7
URBAN	19,278	19,213	2,730	332	17.22	22,383	1,161.1	355	18.41	32,473	1,684.5
TOTAL	356,268	71,555	550	2,199	6.17	97,319	273.2	2,416	6.78	143,914	403.9
NON-FEDERAL-AID LOCAL											
RURAL	2,221,392	81,825	101	3,373	1.52	156,210	70.3	3,684	1.66	227,311	102.3
URBAN	456,236	140,247	842	2,679	5.87	375,562	823.2	2,832	6.21	530,177	1,162.1
TOTAL	2,677,628	222,072	227	6,052	2.26	531,772	198.6	6,516	2.43	757,488	282.9
ALL FEDERAL-AID											
RURAL	656,045	562,695	2,350	15,771	24.04	379,153	577.9	18,461	28.14	612,480	933.6
URBAN	178,519	764,626	11,735	13,262	74.29	970,652	5,437.2	14,476	81.09	1,446,859	8,104.8
TOTAL	834,564	1,327,321	4,357	29,033	34.79	1,349,805	1,617.4	32,937	39.47	2,059,339	2,467.6
ALL NON-FEDERAL-AID											
RURAL	2,561,243	137,838	147	5,309	2.07	233,538	91.2	5,832	2.28	343,068	133.9
URBAN	483,831	183,947	1,042	3,624	7.49	422,095	872.4	3,827	7.91	598,713	1,237.4
TOTAL	3,045,074	321,785	290	8,933	2.93	655,633	215.3	9,659	3.17	941,781	309.3
NON-INTERSTATE											
RURAL	3,184,500	555,800	478	19,208	6.03	576,157	180.9	22,115	6.94	897,127	281.7
URBAN	652,110	757,424	3,182	15,167	23.26	1,300,982	1,995.0	16,374	25.11	1,908,627	2,626.8
TOTAL	3,836,610	1,313,224	938	34,375	8.96	1,877,139	489.3	38,489	10.03	2,805,754	731.3
TOTAL											
RURAL	3,217,288	700,533	597	21,080	6.55	612,691	190.4	24,293	7.55	955,548	297.0
URBAN	662,350	948,573	3,924	16,886	25.49	1,392,747	2,102.7	18,303	27.63	2,945,572	3,088.4
TOTAL	3,879,638	1,649,106	1,165	37,966	9.79	2,005,438	516.9	42,596	10.98	3,001,120	773.6

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

2/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1983. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1984 AND VEHICLE-MILES

OF TRAVEL ARE FROM THE HPMS AREA-WIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1984. 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 1000 HIGHWAY MILES.

4/ TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE ESTIMATED BY FHWA FOR ARKANSAS, FLORIDA, ILLINOIS, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE AND RHODE ISLAND.

**TABLE 8. FATAL AND INJURY ACCIDENT DATA
RELATED TO POPULATION - 1983**

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	3,959	7,838	0.21	0.24	5.74	8.25
ALASKA	479	7,010	0.28	0.31	9.35	14.00
ARIZONA	2,963	6,619	0.21	0.23	10.69	16.90
ARKANSAS	2,328	7,167	0.21	0.24	1/ 0.00	1/ 0.00
CALIFORNIA	25,174	7,256	0.16	0.18	7.80	11.62
COLORADO	3,139	7,680	0.19	0.21	8.86	12.94
CONNECTICUT	3,138	6,574	0.13	0.14	10.27	14.34
DELAWARE	606	8,063	0.16	0.18	7.59	11.44
DIST. OF COL.	623	4,974	0.10	0.12	14.60	21.63
FLORIDA	10,680	7,657	0.23	0.25	1/ 0.00	1/ 0.00
GEORGIA	5,732	8,520	0.20	0.23	7.56	11.26
HAWAII	1,023	5,741	0.13	0.14	8.08	11.56
IDAHO	989	8,379	0.23	0.27	7.33	11.33
ILLINOIS	11,486	5,865	0.12	0.13	1/ 0.00	1/ 0.00
INDIANA	5,479	7,271	0.16	0.19	7.75	11.37
IOWA	2,905	6,768	0.15	0.18	6.21	8.97
KANSAS	2,425	7,486	0.15	0.17	8.12	12.09
KENTUCKY	3,714	7,194	0.19	0.21	7.47	11.18
LOUISIANA	4,438	6,213	0.19	0.21	10.08	16.72
MAINE	1,146	6,914	0.17	0.20	1/ 0.00	1/ 0.00
MARYLAND	4,304	7,114	0.14	0.15	1/ 0.00	1/ 0.00
MASSACHUSETTS	5,767	6,510	0.10	0.11	1/ 0.00	1/ 0.00
MICHIGAN	9,069	6,710	0.13	0.14	10.02	14.98
MINNESOTA	4,144	7,496	0.12	0.13	6.38	9.20
MISSISSIPPI	2,587	6,881	0.24	0.28	3.70	5.57
MISSOURI	4,970	7,353	0.16	0.18	7.33	11.04
MONTANA	817	8,789	0.31	0.35	7.48	11.44
NEBRASKA	1,597	7,222	0.14	0.16	8.34	12.45
NEVADA	891	7,713	0.25	0.28	8.87	13.44
NEW HAMPSHIRE	959	7,488	0.17	0.20	1/ 0.00	1/ 0.00
NEW JERSEY	7,468	6,992	0.12	0.12	10.83	16.15
NEW MEXICO	1,399	8,347	0.34	0.39	10.69	16.53
NEW YORK	17,667	4,742	0.11	0.12	9.73	14.22
NORTH CAROLINA	6,082	7,405	0.18	0.20	8.76	13.81
NORTH DAKOTA	680	7,887	0.15	0.17	5.31	8.08
OHIO	10,746	6,813	0.13	0.15	9.62	15.12
OKLAHOMA	3,298	8,965	0.22	0.26	6.60	9.77
OREGON	2,662	7,722	0.18	0.21	8.67	14.04
PENNSYLVANIA	11,895	6,078	0.13	0.14	7.09	10.60
RHODE ISLAND	955	6,297	0.10	0.10	1/ 0.00	1/ 0.00
SOUTH CAROLINA	3,264	7,652	0.23	0.26	4.88	7.19
SOUTH DAKOTA	700	9,024	0.21	0.25	5.95	8.95
TENNESSEE	4,685	7,740	0.20	0.22	8.01	11.58
TEXAS	15,724	8,387	0.21	0.24	8.76	13.24
UTAH	1,619	6,931	0.16	0.17	7.61	11.68
VERMONT	525	7,907	0.16	0.18	7.69	11.50
VIRGINIA	5,550	7,621	0.14	0.16	7.87	11.18
WASHINGTON	4,300	8,406	0.15	0.16	9.37	13.95
WEST VIRGINIA	1,965	5,952	0.20	0.22	8.24	12.91
WISCONSIN	4,751	7,179	0.14	0.15	8.06	11.59
WYOMING	514	9,842	0.30	0.34	6.99	10.72
U.S. TOTAL	233,980	7,048	0.16	0.18	2/ 8.57	3/ 12.83

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

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

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

**TABLE 9. FATAL AND INJURY ACCIDENT DATA
RELATED TO LICENSED DRIVERS - 1983**

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	2,394	12,962	0.34	0.39	9.49	13.65
ALASKA	289	11,619	0.47	0.52	15.49	23.20
ARIZONA	2,179	9,000	0.28	0.31	14.54	22.98
ARKANSAS	1,650	10,112	0.29	0.34	1/ 0.00	1/ 0.00
CALIFORNIA	16,649	10,971	0.25	0.27	11.80	17.57
COLORADO	2,229	10,816	0.27	0.29	12.47	18.22
CONNECTICUT	2,250	9,169	0.18	0.19	14.33	20.00
DELAWARE	432	11,310	0.23	0.25	10.64	16.05
DIST. OF COL.	370	8,376	0.17	0.19	24.58	36.43
FLORIDA	8,347	9,797	0.29	0.32	1/ 0.00	1/ 0.00
GEORGIA	3,725	13,111	0.31	0.35	11.63	17.33
HAWAII	575	10,214	0.23	0.24	14.37	20.57
IDAHO	648	12,789	0.36	0.41	11.19	17.30
ILLINOIS	6,985	9,645	0.20	0.22	1/ 0.00	1/ 0.00
INDIANA	3,551	11,219	0.25	0.29	11.95	17.54
IOWA	1,929	10,192	0.22	0.26	9.36	13.50
KANSAS	1,681	10,799	0.21	0.24	11.71	17.44
KENTUCKY	2,193	12,184	0.31	0.35	12.65	18.93
LOUISIANA	2,767	9,965	0.30	0.34	16.16	26.82
MAINE	770	10,291	0.26	0.29	1/ 0.00	1/ 0.00
MARYLAND	2,799	10,939	0.22	0.23	1/ 0.00	1/ 0.00
MASSACHUSETTS	3,679	10,204	0.16	0.18	1/ 0.00	1/ 0.00
MICHIGAN	6,345	9,591	0.19	0.21	14.32	21.40
MINNESOTA	2,374	13,085	0.21	0.23	11.15	16.05
MISSISSIPPI	1,803	9,874	0.35	0.40	5.30	8.00
MISSOURI	3,323	10,997	0.24	0.27	10.96	16.51
MONTANA	489	14,685	0.52	0.58	12.49	19.11
NEBRASKA	1,095	10,533	0.20	0.23	12.16	18.16
NEVADA	676	10,166	0.32	0.37	11.69	17.71
NEW HAMPSHIRE	697	10,303	0.24	0.27	1/ 0.00	1/ 0.00
NEW JERSEY	5,459	9,565	0.16	0.17	14.81	22.09
NEW MEXICO	766	15,245	0.62	0.72	19.52	30.18
NEW YORK	9,606	8,722	0.20	0.22	17.89	26.16
NORTH CAROLINA	3,966	11,356	0.27	0.31	13.44	21.18
NORTH DAKOTA	432	12,414	0.24	0.27	8.37	12.72
OHIO	7,397	9,898	0.19	0.21	13.98	21.96
OKLAHOMA	2,174	13,599	0.33	0.39	10.02	14.83
OREGON	1,901	10,814	0.25	0.29	12.13	19.66
PENNSYLVANIA	7,443	9,714	0.21	0.23	11.34	16.94
RHODE ISLAND	603	9,973	0.16	0.17	1/ 0.00	1/ 0.00
SOUTH CAROLINA	2,008	12,439	0.37	0.42	7.93	11.68
SOUTH DAKOTA	482	13,106	0.30	0.36	8.64	13.00
TENNESSEE	2,933	12,363	0.31	0.35	12.80	18.49
TEXAS	11,406	11,563	0.29	0.34	12.07	18.25
UTAH	926	12,118	0.27	0.31	13.30	20.42
VERMONT	361	11,499	0.24	0.26	11.18	16.73
VIRGINIA	3,704	11,420	0.22	0.24	11.80	16.75
WASHINGTON	2,867	12,607	0.22	0.24	14.05	20.92
WEST VIRGINIA	1,417	8,254	0.28	0.31	11.43	17.91
WISCONSIN	3,086	11,052	0.21	0.23	12.41	17.84
WYOMING	394	12,840	0.39	0.44	9.12	13.99
U.S. TOTAL	154,220	10,693	0.25	0.28	2/ 13.00	3/ 19.46

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

**TABLE 10. FATAL AND INJURY ACCIDENT DATA
RELATED TO VEHICLE REGISTRATIONS - 1983**

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	3,145	9,867	0.26	0.30	7.22	10.39
ALASKA	350	9,594	0.39	0.43	12.79	19.16
ARIZONA	2,289	8,567	0.27	0.29	13.84	21.88
ARKANSAS	1,445	11,546	0.34	0.39	1/ 0.00	1/ 0.00
CALIFORNIA	17,767	10,280	0.23	0.26	11.05	16.47
COLORADO	2,649	9,101	0.22	0.24	10.50	15.33
CONNECTICUT	2,305	8,950	0.18	0.19	13.98	19.53
DELAWARE	427	11,443	0.23	0.26	10.77	16.23
DIST. OF COL.	233	13,300	0.27	0.31	39.03	57.85
FLORIDA	8,808	9,284	0.27	0.30	1/ 0.00	1/ 0.00
GEORGIA	4,208	11,606	0.27	0.31	10.29	15.34
HAWAII	616	9,534	0.21	0.23	13.42	19.20
IDAHO	877	9,449	0.26	0.30	8.26	12.78
ILLINOIS	7,513	8,967	0.18	0.20	1/ 0.00	1/ 0.00
INDIANA	3,852	10,342	0.23	0.26	11.02	16.17
IOWA	2,479	7,931	0.18	0.21	7.28	10.51
KANSAS	2,048	8,864	0.18	0.20	9.61	14.32
KENTUCKY	2,621	10,194	0.26	0.30	10.58	15.84
LOUISIANA	2,877	9,584	0.29	0.32	15.54	25.79
MAINE	766	10,345	0.26	0.29	1/ 0.00	1/ 0.00
MARYLAND	3,011	10,169	0.20	0.22	1/ 0.00	1/ 0.00
MASSACHUSETTS	3,840	9,776	0.16	0.17	1/ 0.00	1/ 0.00
MICHIGAN	6,295	9,667	0.19	0.21	14.44	21.57
MINNESOTA	3,282	9,465	0.15	0.17	8.06	11.61
MISSISSIPPI	1,560	11,412	0.40	0.46	6.13	9.24
MISSOURI	3,433	10,645	0.23	0.27	10.61	15.98
MONTANA	829	8,662	0.31	0.34	7.37	11.28
NEBRASKA	1,235	9,339	0.18	0.21	10.78	16.10
NEVADA	730	9,414	0.30	0.35	10.83	16.40
NEW HAMPSHIRE	803	8,943	0.21	0.24	1/ 0.00	1/ 0.00
NEW JERSEY	4,941	10,568	0.18	0.19	16.36	24.41
NEW MEXICO	1,237	9,441	0.38	0.44	12.09	18.69
NEW YORK	8,417	9,954	0.23	0.25	20.42	29.86
NORTH CAROLINA	4,603	9,784	0.24	0.27	11.58	18.25
NORTH DAKOTA	666	8,053	0.16	0.17	5.43	8.25
OHIO	7,768	9,425	0.18	0.20	13.31	20.91
OKLAHOMA	2,769	10,677	0.26	0.30	7.86	11.64
OREGON	2,121	9,692	0.23	0.26	10.88	17.62
PENNSYLVANIA	6,844	10,564	0.22	0.25	12.33	18.42
RHODE ISLAND	598	10,057	0.16	0.17	1/ 0.00	1/ 0.00
SOUTH CAROLINA	2,058	12,137	0.36	0.41	7.74	11.40
SOUTH DAKOTA	629	10,043	0.23	0.28	6.62	9.96
TENNESSEE	3,537	10,252	0.26	0.29	10.61	15.33
TEXAS	11,695	11,277	0.28	0.33	11.77	17.80
UTAH	1,074	10,448	0.24	0.26	11.47	17.61
VERMONT	367	11,311	0.23	0.25	10.99	16.46
VIRGINIA	3,894	10,863	0.21	0.23	11.22	15.93
WASHINGTON	3,338	10,828	0.19	0.21	12.07	17.97
WEST VIRGINIA	1,295	9,032	0.30	0.34	12.50	19.60
WISCONSIN	3,214	10,612	0.20	0.23	11.91	17.13
WYOMING	502	10,078	0.30	0.35	7.16	10.98
U.S. TOTAL	163,860	10,064	0.23	0.26	2/ 12.24	3/ 18.32

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

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

Travel and accident data reported by Puerto Rico for calendar year 1983 are tabulated below. Data were not reported for 1983 by U.S. territories.

TABLE 11 -- FATAL AND INJURY ACCIDENTS IN PUERTO RICO: 1983

	HIGHWAY MILES	VEHICLE MILES (millions)	INJURY ACCIDENTS		PERSONS INJURED					
			FATAL	NONFATAL	FATALLY	NONFATALLY				
			Number	Rate*	Number	Rate*	Number	Rate*		
FEDERAL-AID										
Interstate (Rural)	135	1,085	59	5.44	1,087	100.18	60	5.53	1,991	183.50
Interstate (Urban)	68	1,037	17	1.64	580	55.93	17	1.64	920	88.72
Other Primary (Rural)	342	1,017	62	6.10	2,517	247.49	72	7.08	4,337	426.45
Other Primary (Urban)	106	824	64	7.77	3,302	400.73	69	8.37	5,234	635.19
Secondary (Rural)	714	661	43	6.51	2,281	345.08	43	6.51	3,383	511.80
Urban (Urban)	349	1,836	89	4.85	5,643	307.35	92	5.01	8,113	441.88
All Federal-Aid	1,714	6,460	334	5.17	15,410	238.54	353	5.46	23,978	371.18
NON-FEDERAL-AID										
Rural	3,780	794	119	14.99	5,982	753.40	123	15.49	8,486	1068.77
Urban	2,509	1,589	42	2.64	5,966	375.46	44	2.77	7,625	479.86
All Non-Federal-Aid	6,289	2,383	161	6.76	11,948	501.38	167	7.01	16,111	676.08
All Rural Highways	4,971	3,557	283	7.96	11,867	333.62	298	8.38	18,197	511.58
All Urban Highways	3,032	5,286	212	4.01	15,491	293.06	222	4.20	21,892	414.15
TOTAL	8,003	8,843	495	5.60	27,358	309.37	520	5.88	40,089	453.34

* Per 100 million vehicle-miles

SECTION V—RELATIONSHIP OF FATALITY RATES TO TRAVEL DENSITY

The vehicle-mile fatality rate is the measure most commonly used for comparing the safety of different highway systems or the safety of highways in different States. A State often judges its own performance by comparing its fatality rates with the national fatality rate. The primary reason for differences in fatality rates appears to be variation in travel density over which the States have little control. Because the travel density varies widely among the States, it should not be expected that all States will have similar fatality rates. While there are without question 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 1979 through 1982. 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—while any attempt to drive a vehicle a given distance may or may not result in an accident, there is nonetheless a degree of statistical regularity which permits reasonably reliable estimation of the number of accidents expected from a large number of attempts. To speak of accidents as random events is not to say that accidents are unrelated to driving hazards or driver skill.) The random variation of fatality rates is larger when the volume of traffic is small. For example, a random variation of 10 percent would be much more likely to occur in the Delaware fatality rate than in fatality rates for California or New York.

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

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USING RATE-DENSITY RELATIONSHIPS

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Rate-density curves may be regarded as sets of provisional national norms for fatality rates. Figure 7-A1 on page 53 shows the rate-density curve for all roads in the United States.

* * * * *

For a particular State, the value of the provisional national norm depends on the daily number of vehicle-miles per mile of highway—or average daily traffic (ADT) in that State. For a State with a daily average of 2,000 vehicle-miles of travel per mile of highway, Figure 7-A1 indicates that a normal fatality rate would be slightly above 3 fatalities per 100 million vehicle-miles.

* * * * *

Some random deviation of State rates from provisional national norms is expected. Most of this random deviation would fall within provisional ranges such as those shown in Figure 7-A2 on page 54. Differences in the width of provisional ranges reflect differences in volumes of travel; ranges are widest in the States with the least travel. When State rates fall above or below the provisional ranges, the deviation from the provisional national norm is likely to be caused by something other than random variation. Possible causes include effective safety programs, hazardous highways, inconsistent data, and many other contributing factors.

* * * * *

Figure 7 may be used to answer questions such as:

* * * * *

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

* * * * *

See Figures 7-A2, -B2, etc. Those States where the 1983 fatality rate is to the left of the provisional range are most likely to have successful safety programs.

* * * * *

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

* * * * *

See Figures 7-C2, -D2, etc. Safety programs are more likely to have been successful on those highway systems where the 1983 fatality rate is to the left of the provisional range.

* * * * *

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

* * * * *

See Figures 7-C2, -D2, etc. The greatest potential for reduction of traffic deaths in a State is likely to be on those highway systems where the 1983 fatality rate is to the right of the provisional range.

* * * * *

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

The rate-density curve in Figure 7A-1 is an exponential curve fitted to the data points by a weighted least squares procedure. Each data point is defined by a State fatality rate and travel density for the 4-year period. The point is weighted in proportion to the vehicle-miles of travel in the State during those 4 years.

Because the volume of travel is different for each State, the magnitude of random variation is also different. To illustrate the effect of the differences, provisional ranges have been computed and are shown in Figure 7-A2. For each State, the observed 1983 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 1983 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. It is evident from Figure 7-A2 that most State fatality rates varied significantly from the provisional rate-density curve. While the 1983 fatality rates were about the same for New York and Delaware, New York's rate was substantially lower than State rates observed for a similar travel density in the preceding 4-year period. Delaware's rate, on the other hand, is well within the provisional range, where deviation from the rate-density curve is less significant. Analysis of the possible reasons for the low rate in New York and the rates outside provisional ranges in many other States is beyond the scope of this report. In Figure 7-A2, States are arranged in order of travel density to facilitate comparison of States with similar travel densities; the State with the most vehicle miles per mile of highway (i.e., the highest average daily traffic) is at the top.

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

Other provisional ranges relationships, as well as provisional rate changes and observed fatality rates for the highway systems in each State, are shown in Figures 7-C1 through 7-F2b.

It can be seen in Figure 7 that, for every system, fatality rates observed in 1983 were rarely above the provisional range based on 1979 through 1982 experience.

Fig. 7-A1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1979-82)
ALL HIGHWAYS

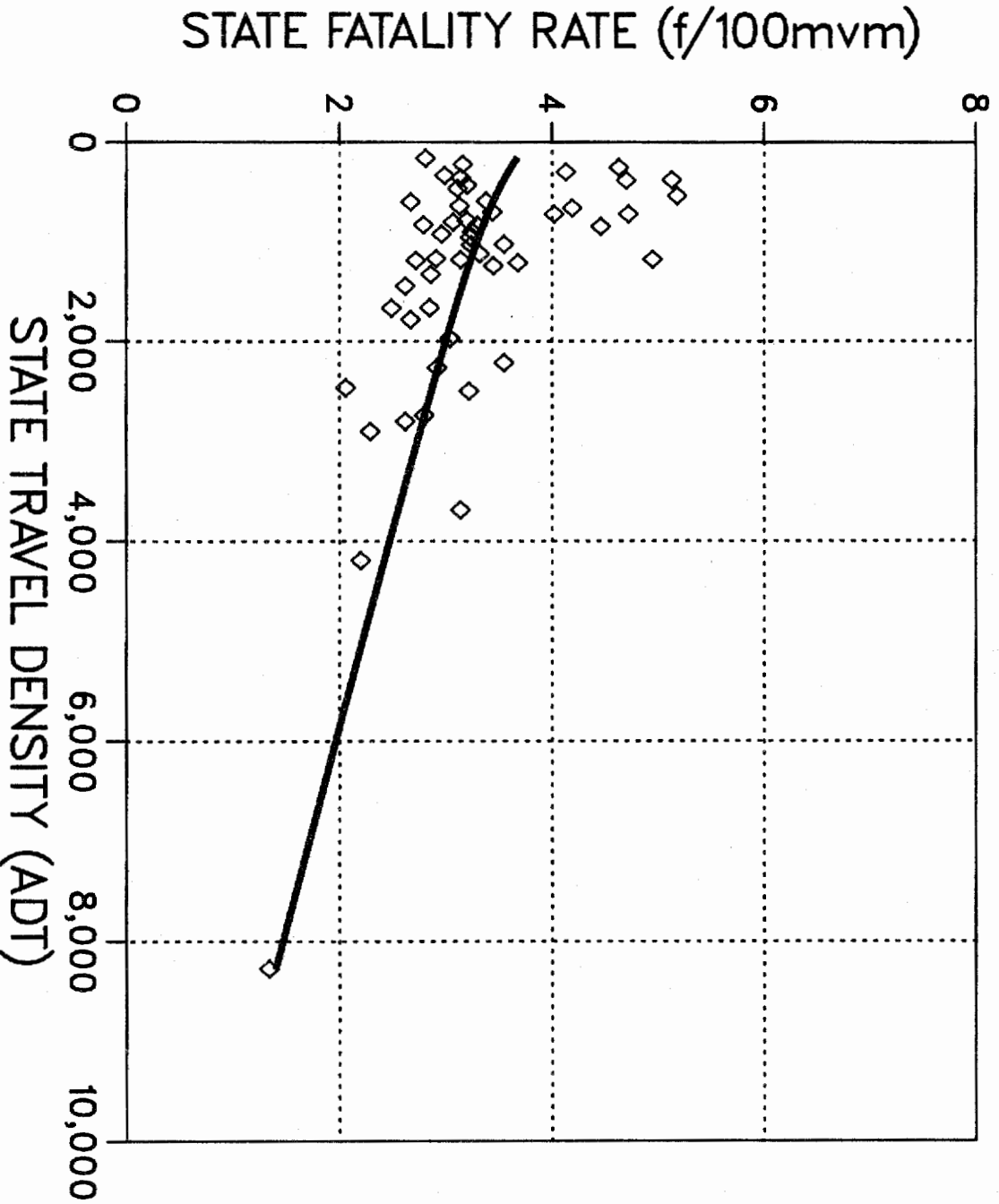


Figure 7-A2 FATALITY RATE BY STATE--ALL HIGHWAYS (1983)

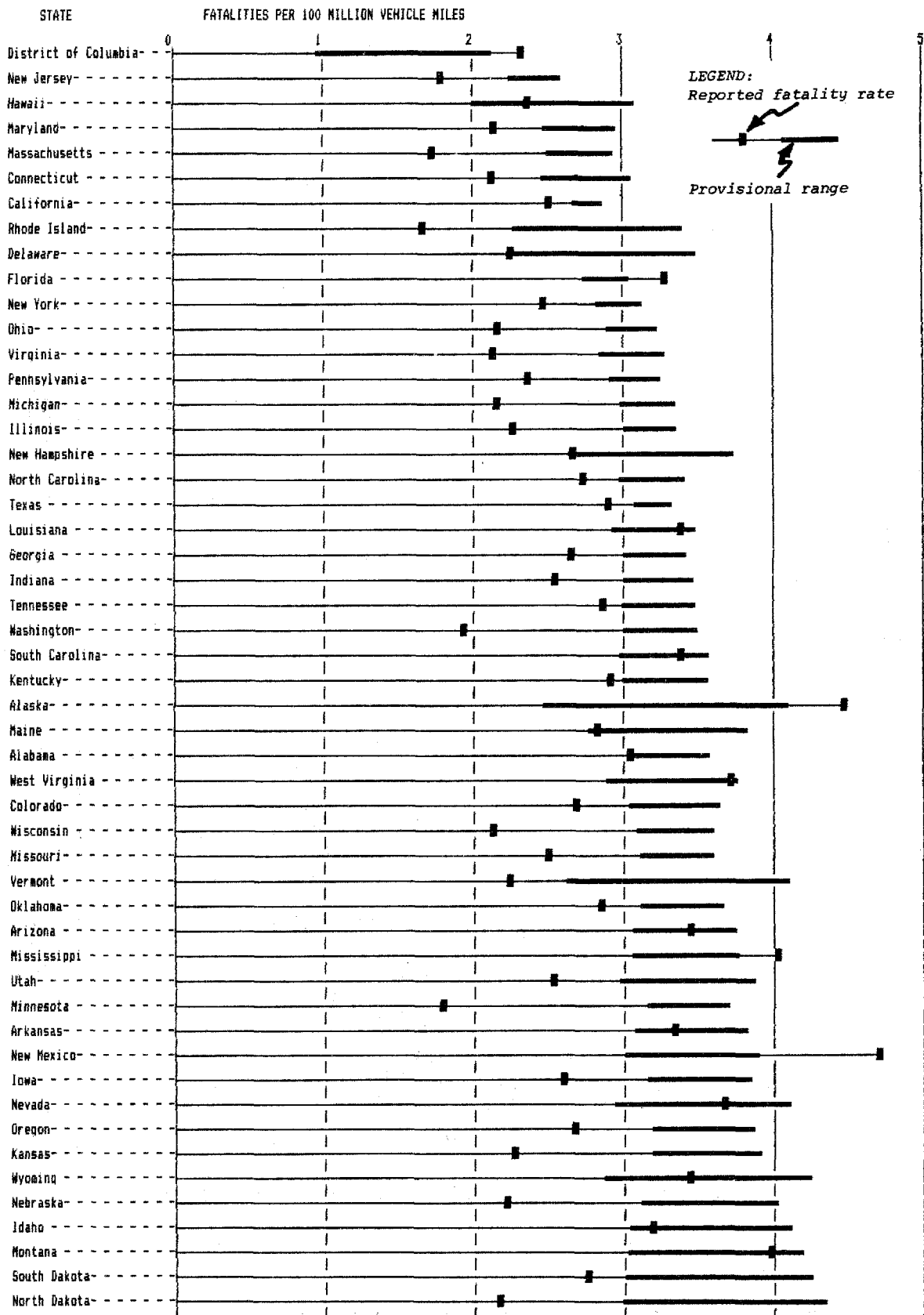


Fig. 7-B1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1979-82)
 RURAL AND URBAN HIGHWAYS

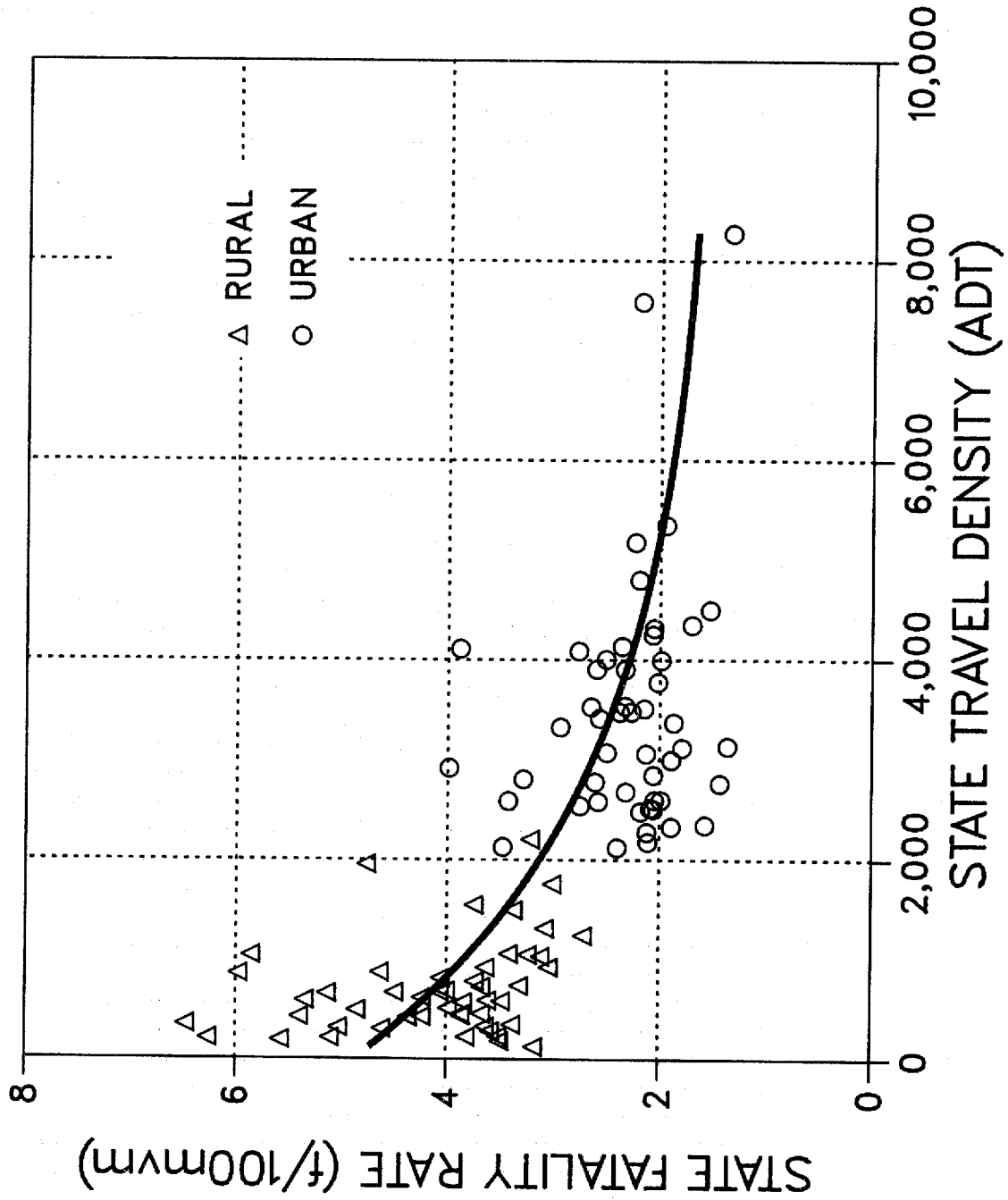


Figure 7-B2a FATALITY RATE BY STATE--ALL RURAL HIGHWAYS (1983)

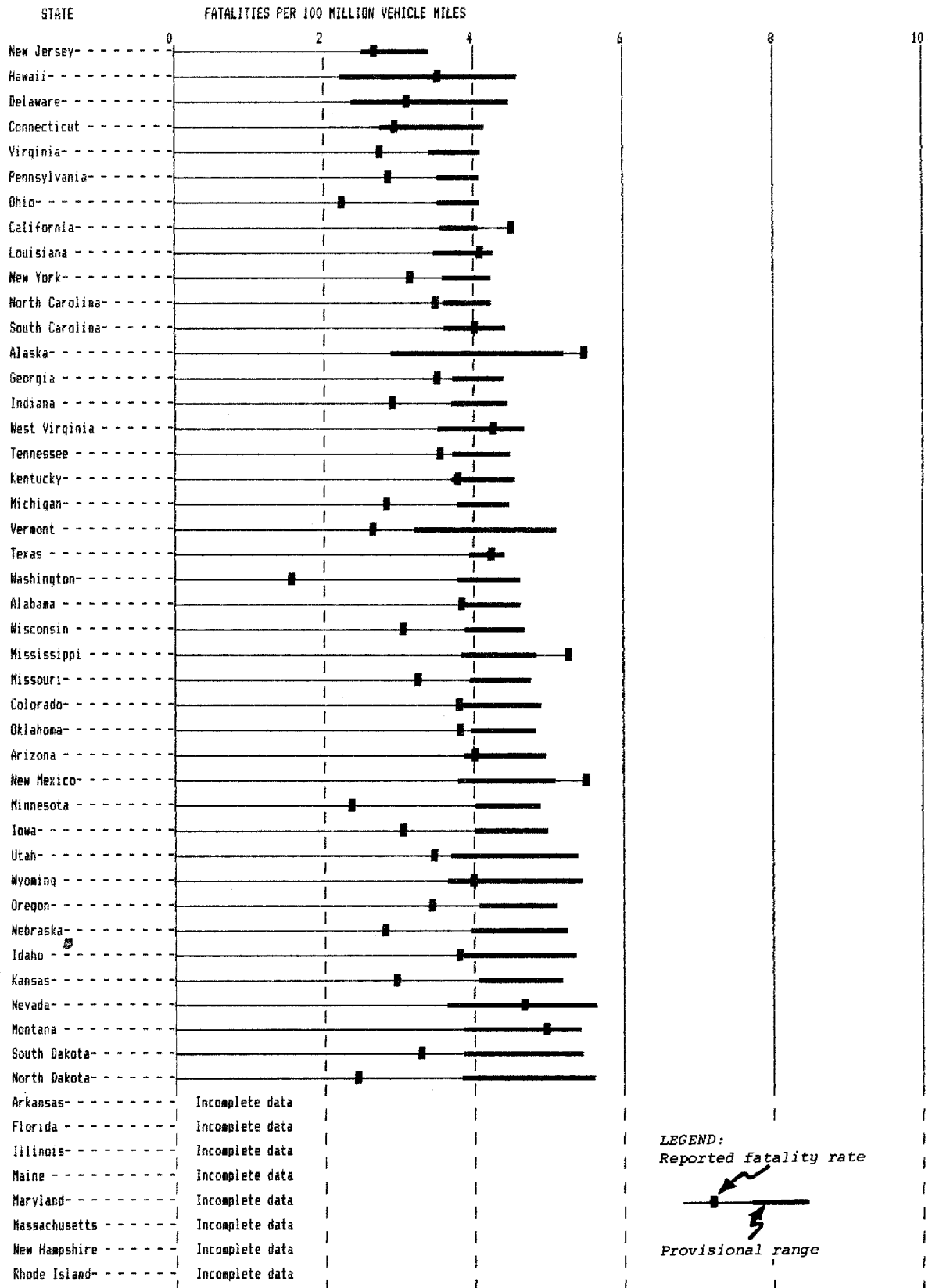


Figure 7-B2b FATALITY RATE BY STATE—ALL URBAN HIGHWAYS (1983)

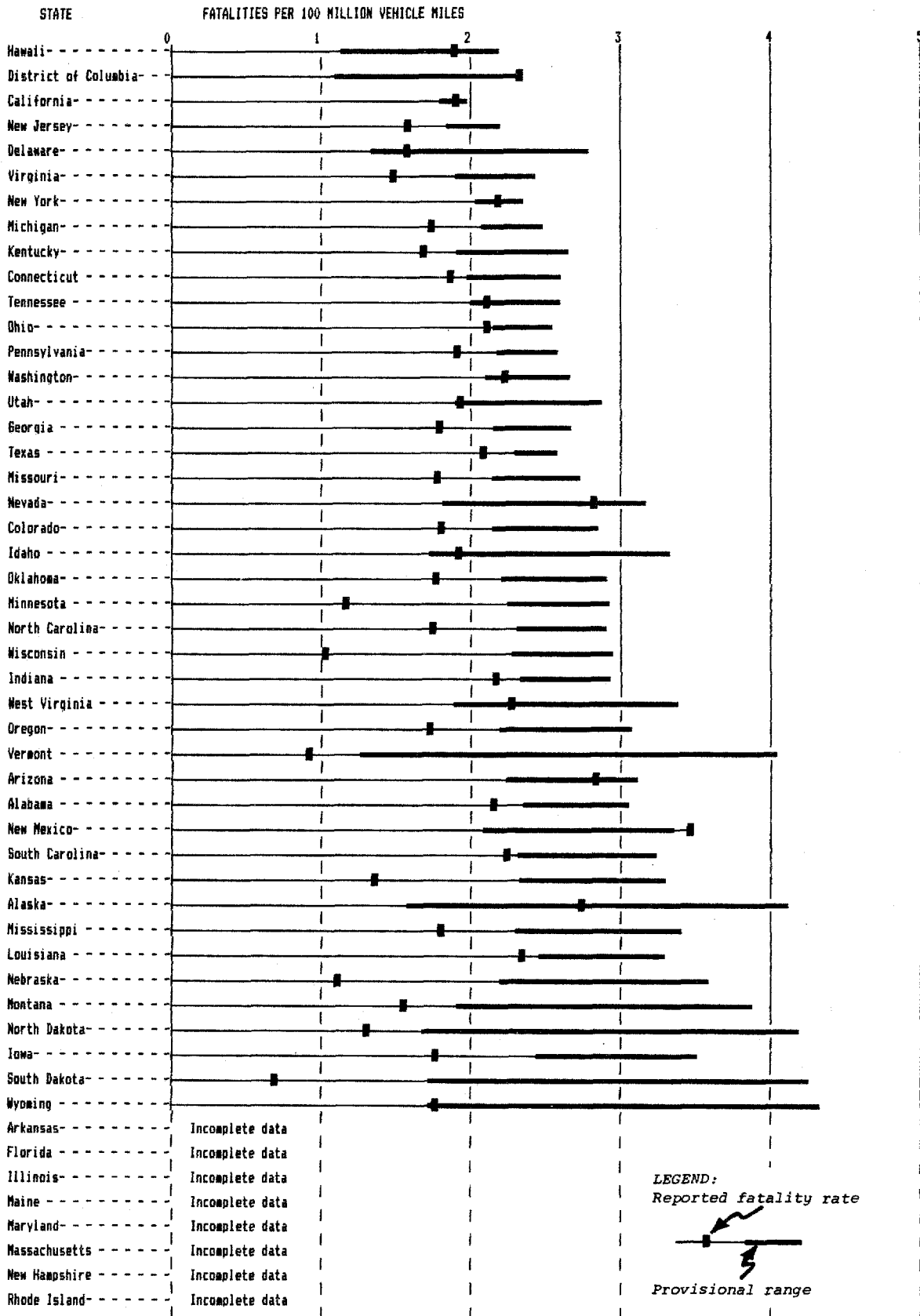


Fig. 7-C1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1979-82)
 INTERSTATE SYSTEM

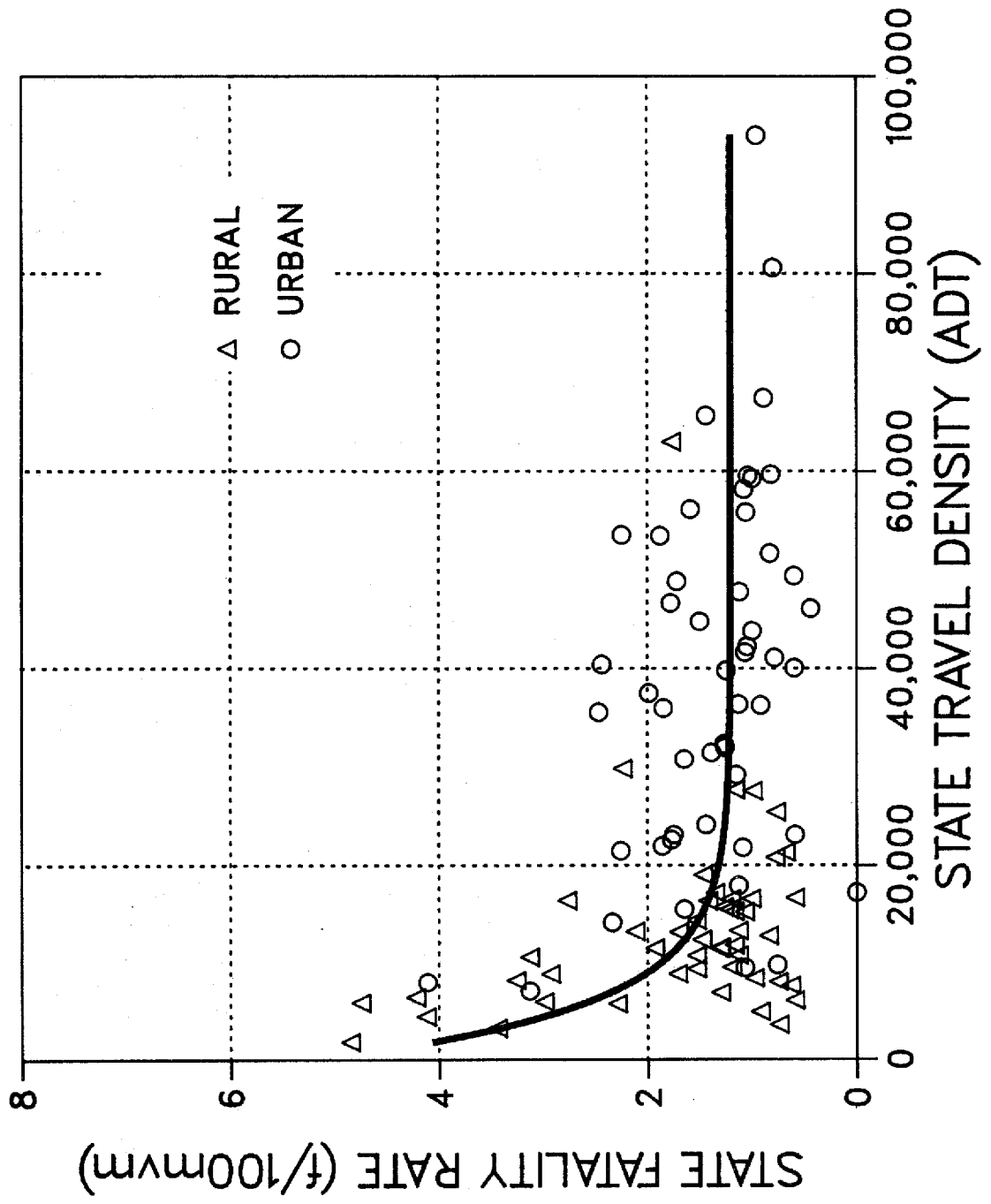


Figure 7-C2a FATALITY RATE BY STATE--RURAL INTERSTATE HIGHWAYS (1983)

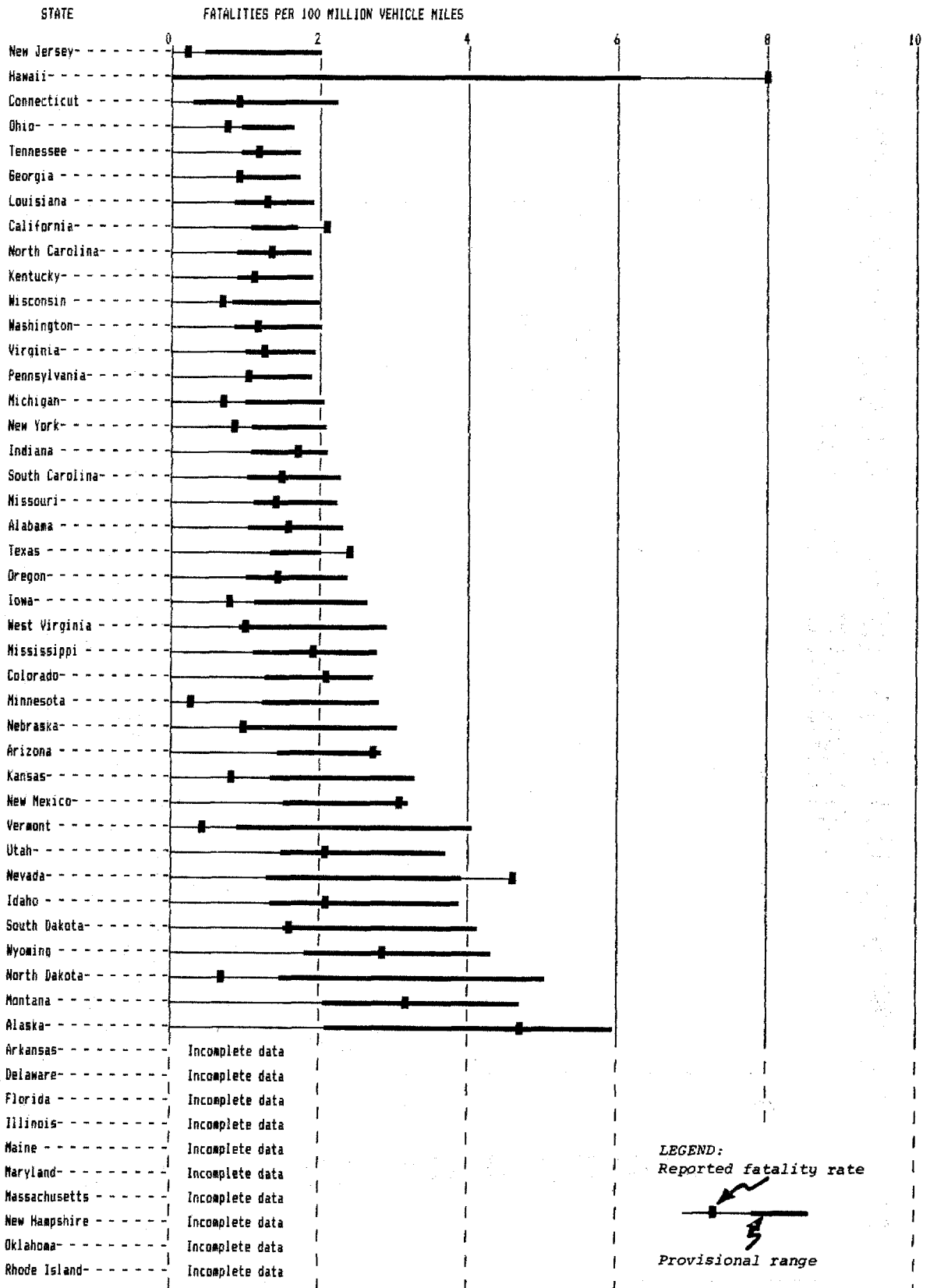


Figure 7-C2b FATALITY RATE BY STATE--URBAN INTERSTATE HIGHWAYS (1983)

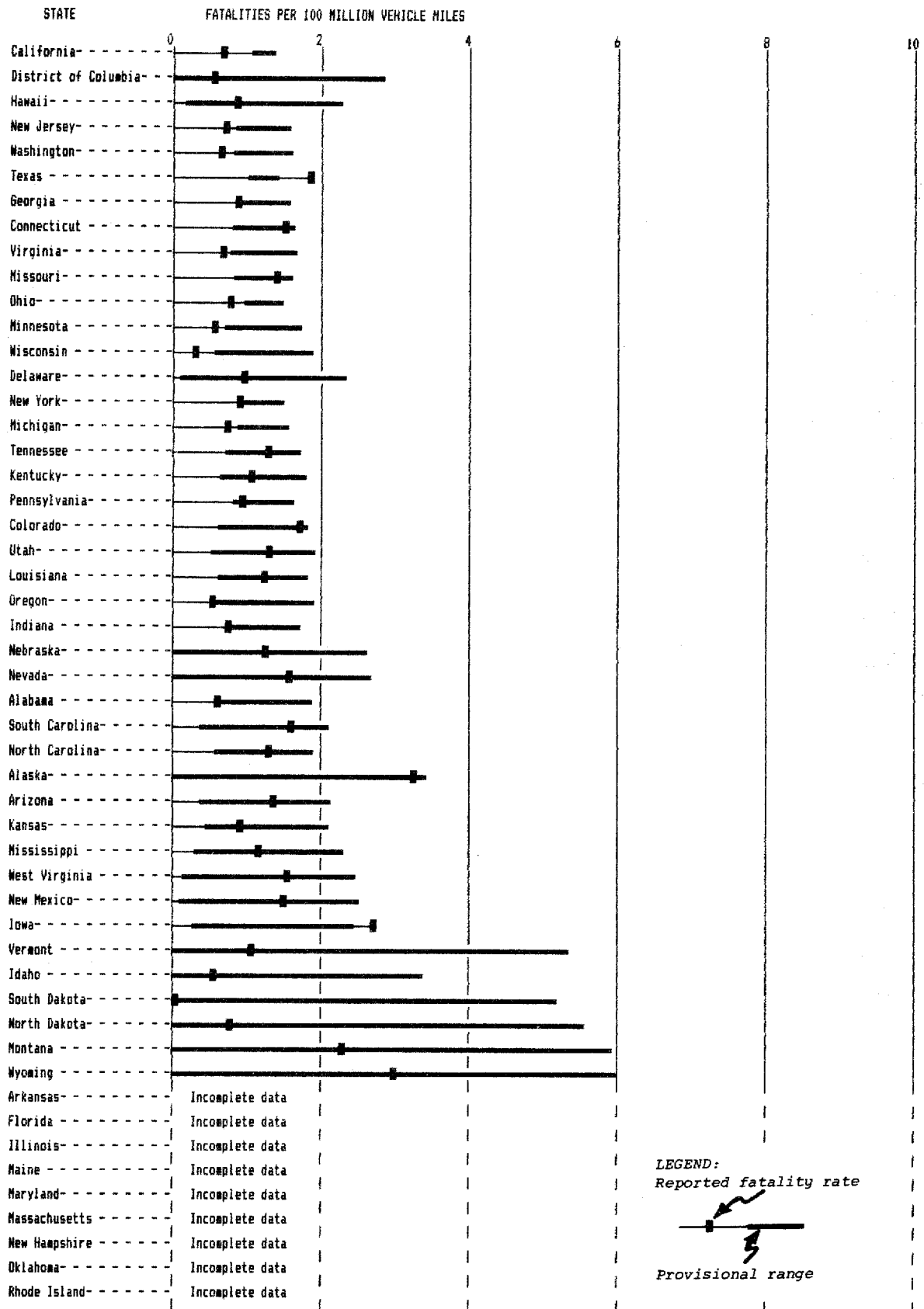
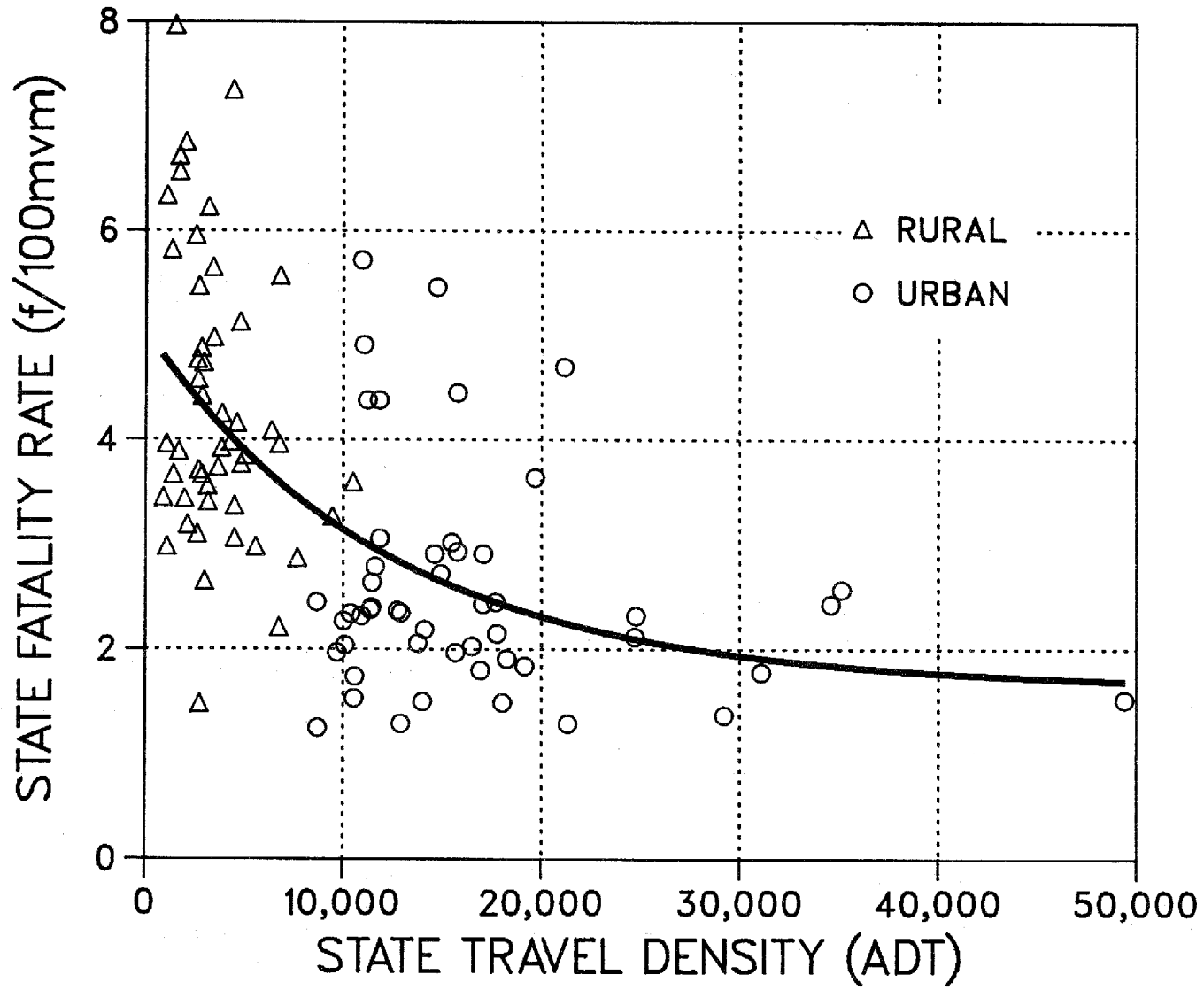
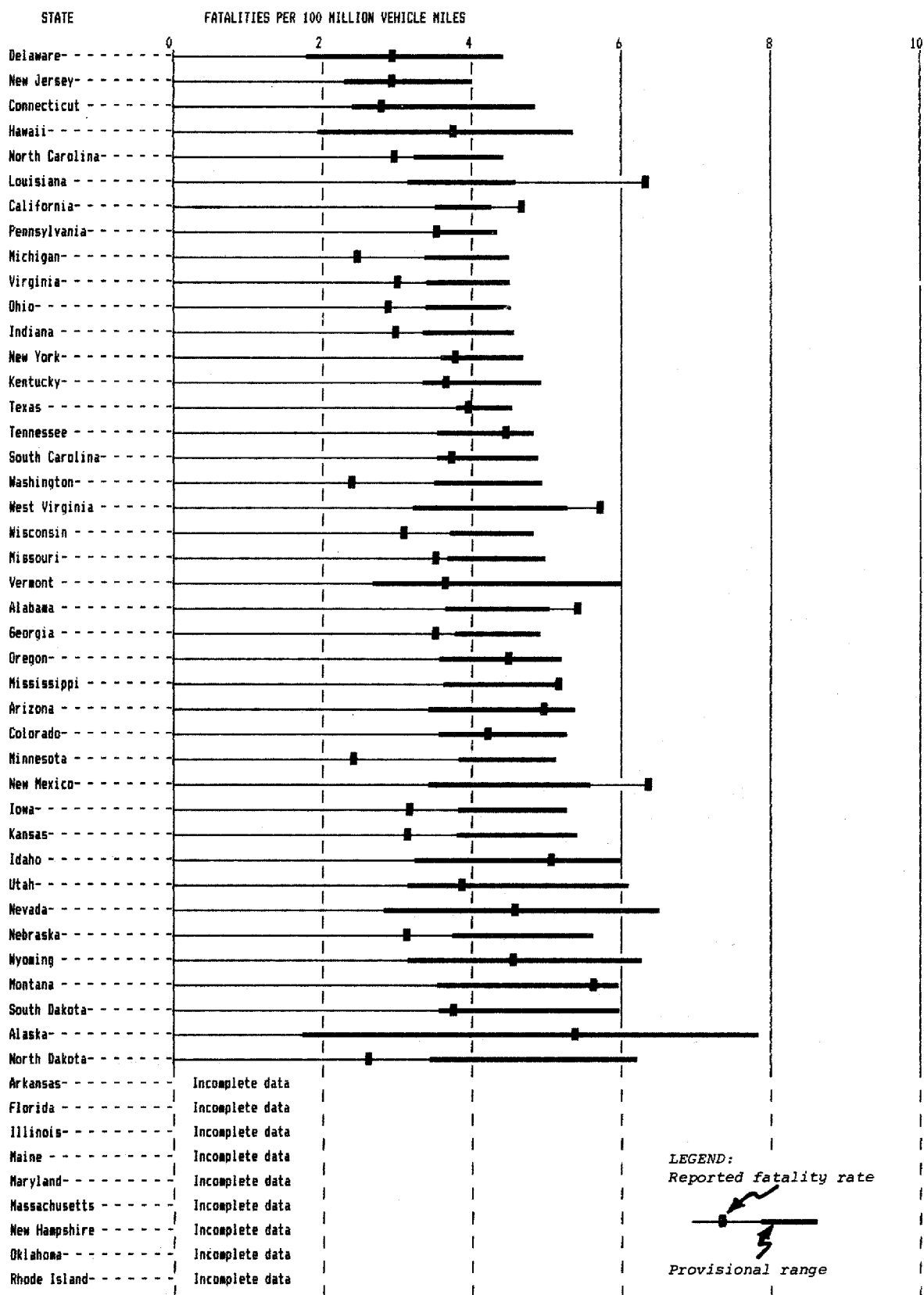


Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1979-82)
OTHER FEDERAL-AID PRIMARY HIGHWAYS



**Figure 7-D2a FATALITY RATES BY STATES—OTHER RURAL
FEDERAL-AID PRIMARY HIGHWAYS (1983)**



**Figure 7-D2b FATALITY RATES BY STATE--OTHER URBAN
FEDERAL-AID PRIMARY HIGHWAYS (1983)**

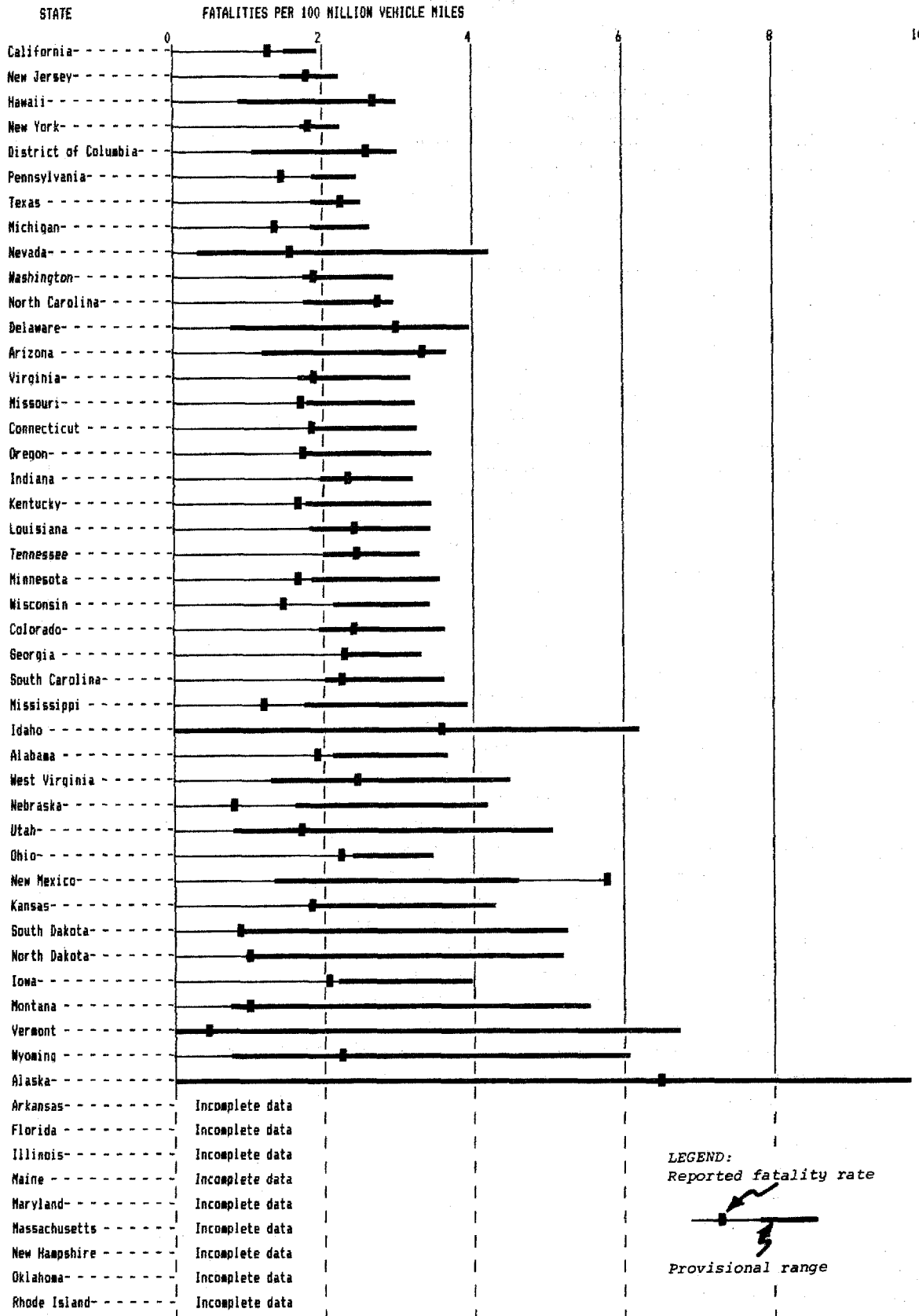


Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1979-82)
FEDERAL-AID SECONDARY AND URBAN SYSTEMS

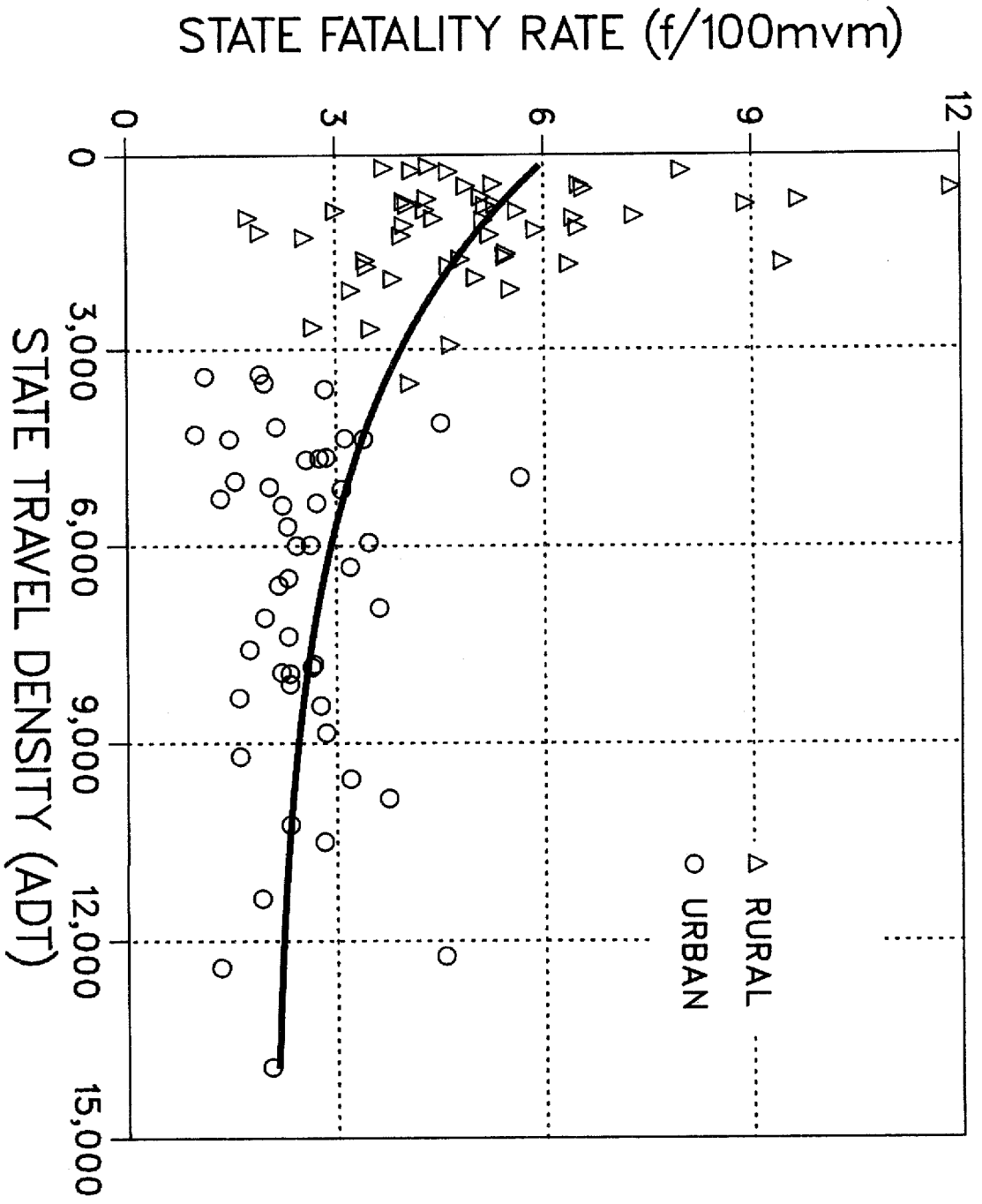


Figure 7-E2a FATALITY RATE BY STATE--FEDERAL-AID SECONDARY HIGHWAYS (1983)

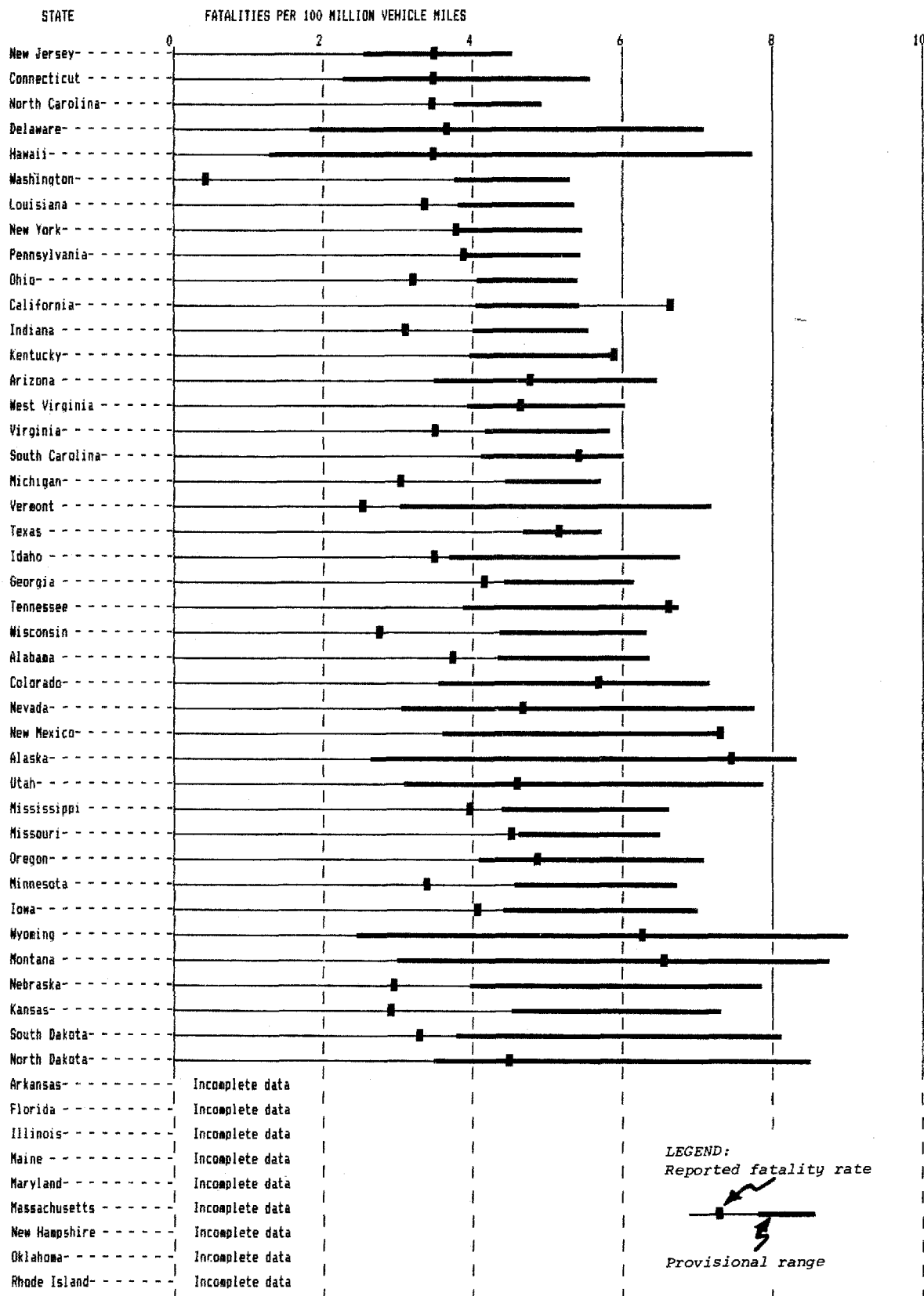


Figure 7-F2a FATALITY RATE BY STATE—RURAL NON-FEDERAL-AID HIGHWAYS (1983)

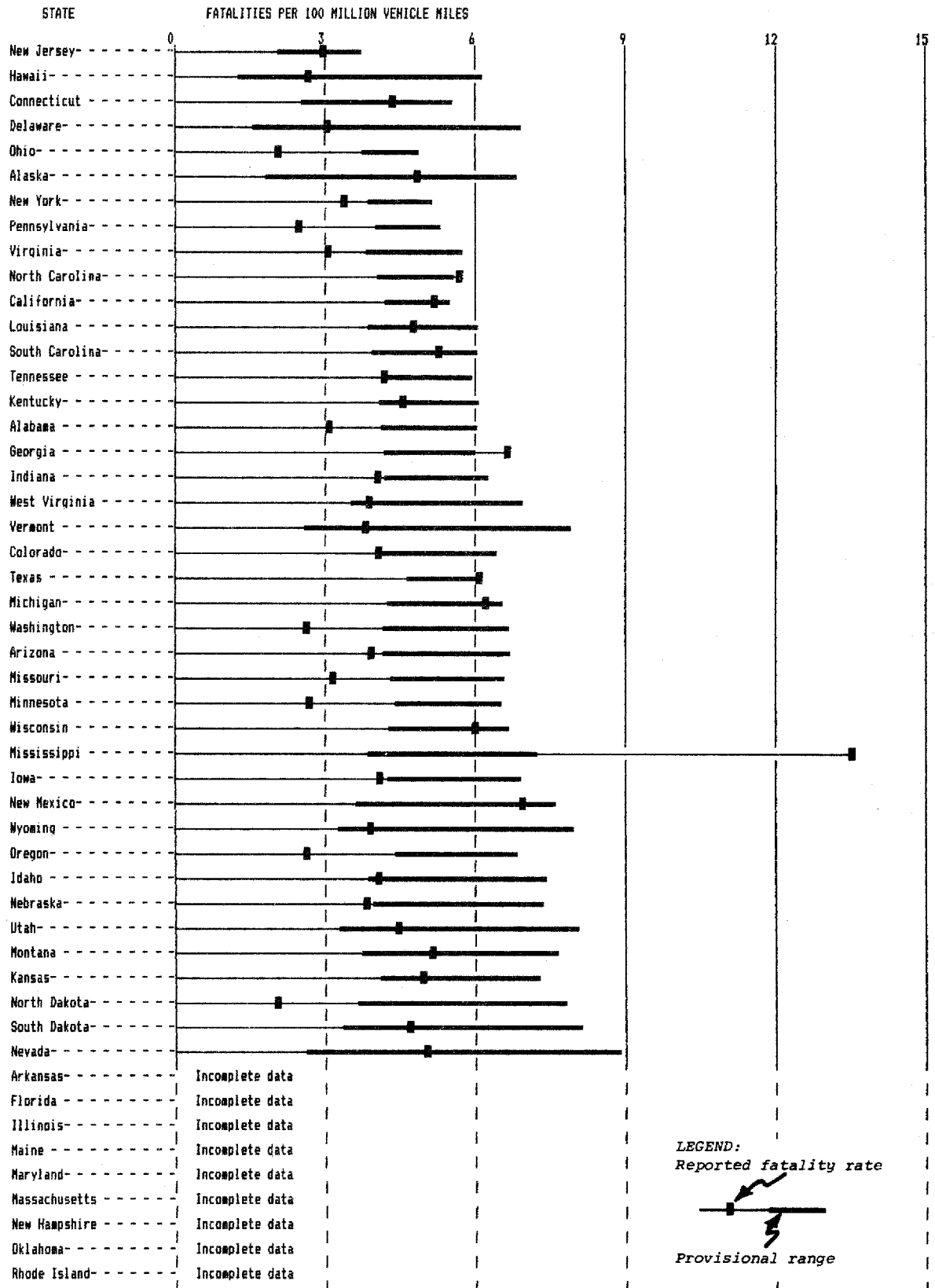
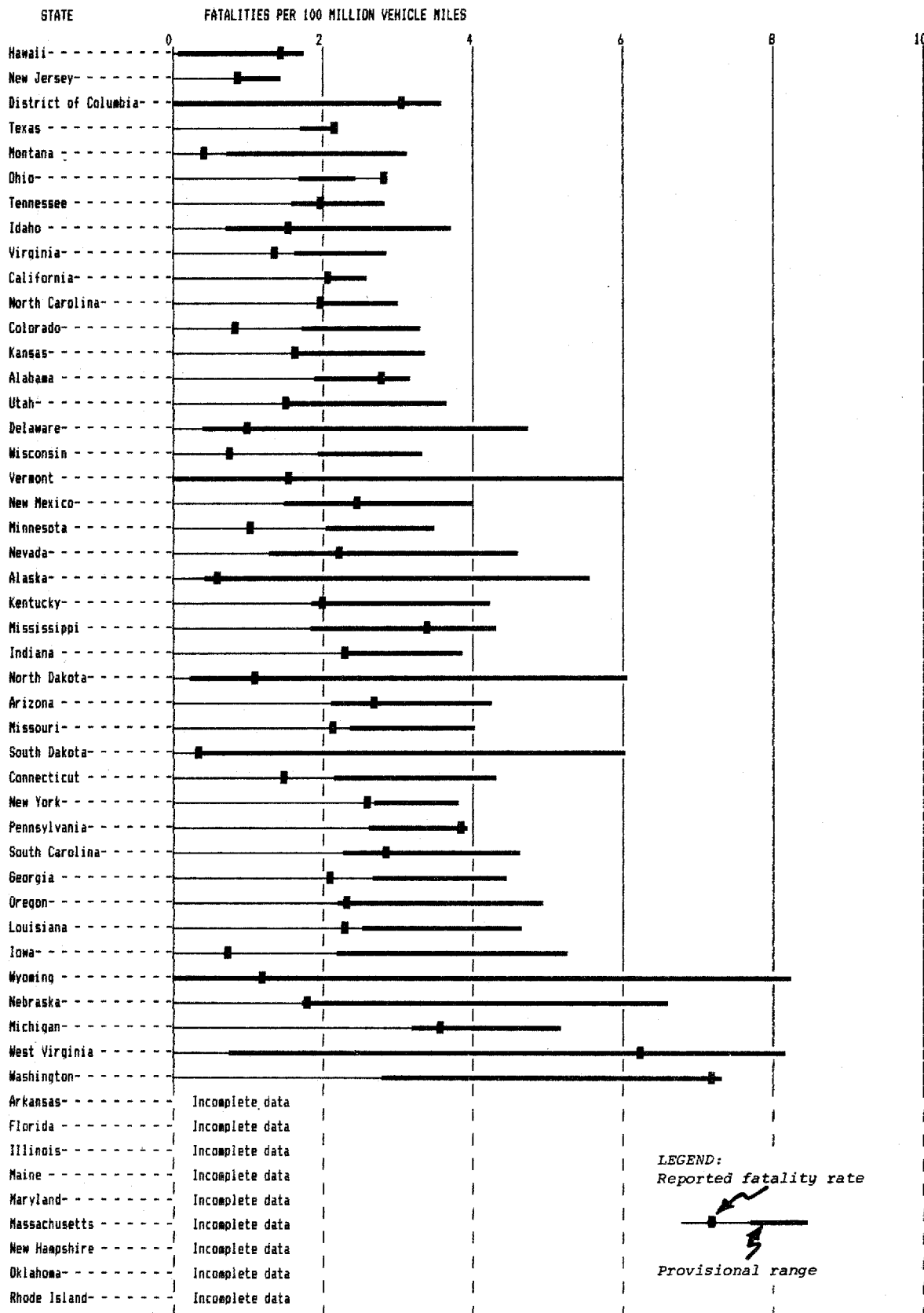


Figure 7-F2b FATALITY RATE BY STATE—URBAN NON-FEDERAL-AID HIGHWAYS (1983)



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 1979 through 1983. The format of the graphs is similar to that in Figure 7-A2. The provisional range for each of the 5 years is based on the provisional rate-density curve shown in Figure 7-A1.

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

While some States like Illinois and Minnesota demonstrate steadily decreasing fatality rates throughout the 5-year period, Arkansas reports little improvement since 1979. In the majority of States, the rate reported for 1983 is substantially lower than the rates for preceding years. Only a few States have a 1983 fatality rate above the provisional range.

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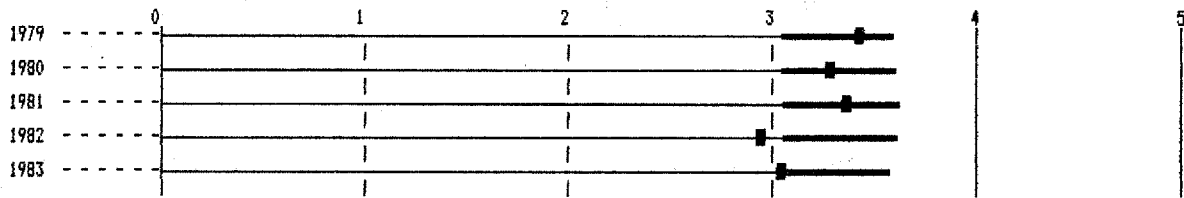
*****
*
*           Figure 8 may be used to answer questions such as:
*
*           1. Are the fatality rates in a State improving?
*
*           See pages 71-81. Most States show steadily
*           improving fatality rates. A few do not.
*
*           2. How have fatality rates in a particular State
*           compared with those in the rest of the United
*           States over the past five years?
*
*           See pages 71-81. 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
*           1979-82 national experience for States with
*           similar travel density. A fatality rate to
*           the right of the provisional range is
*           significantly above such national experience.
*
*****

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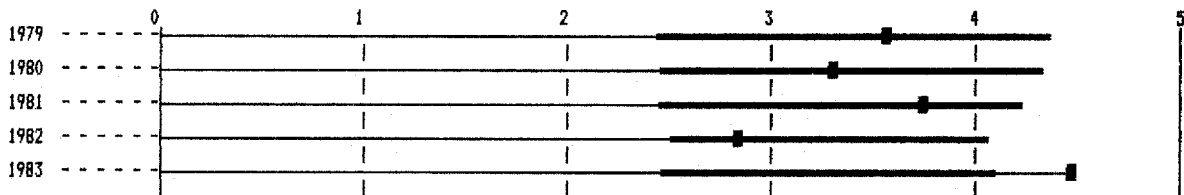
Figure 8 STATE FATALITY RATES (1979-1983)

(Fatalities per 100 million vehicle-miles)

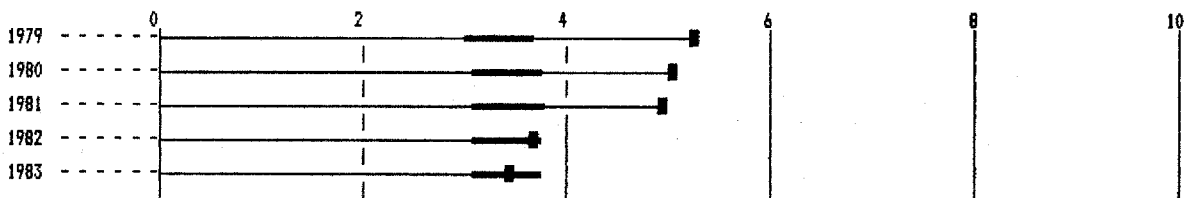
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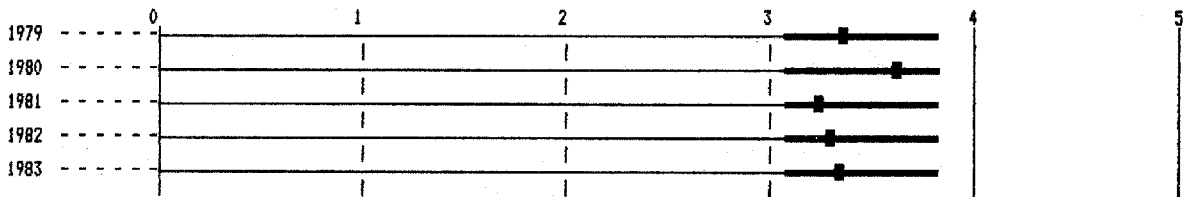
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ARKANSAS



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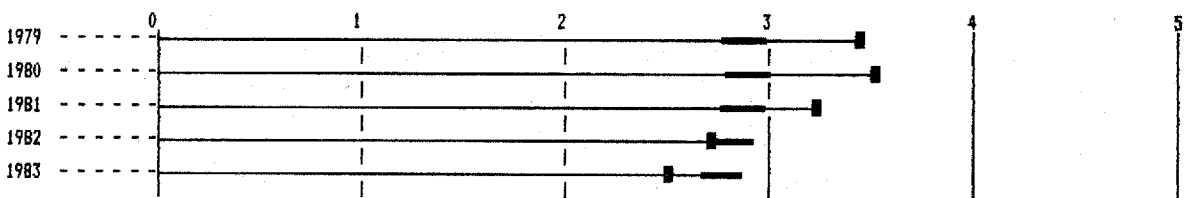
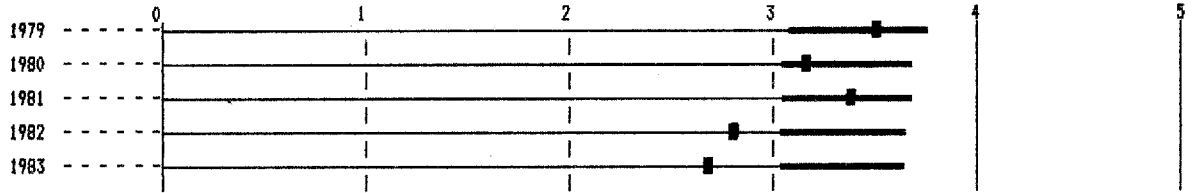
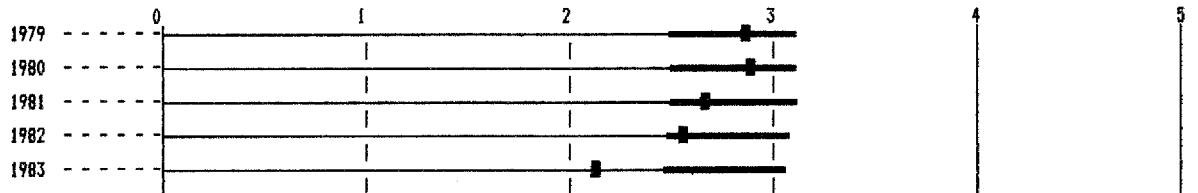


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

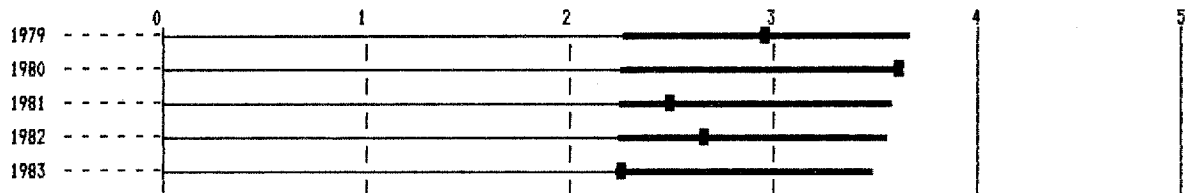
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CONNECTICUT



DELAWARE



DISTRICT OF COLUMBIA



FLORIDA

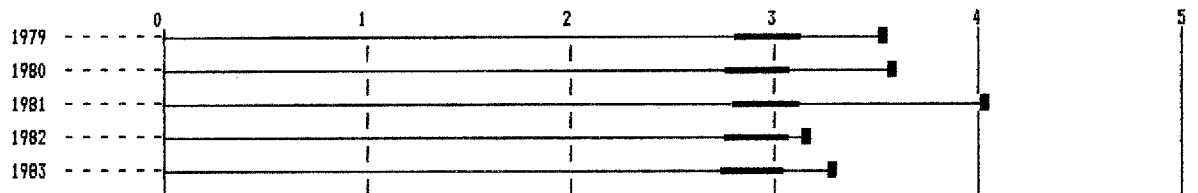
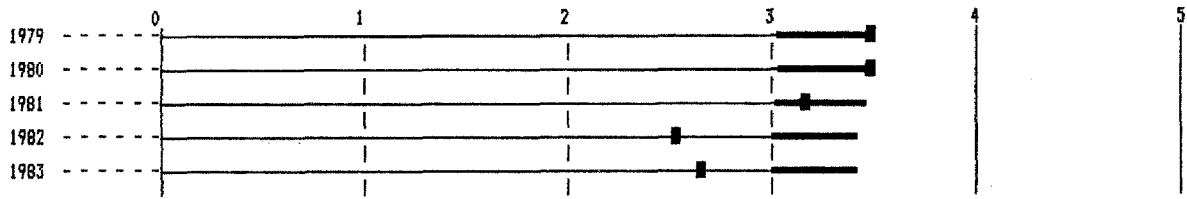
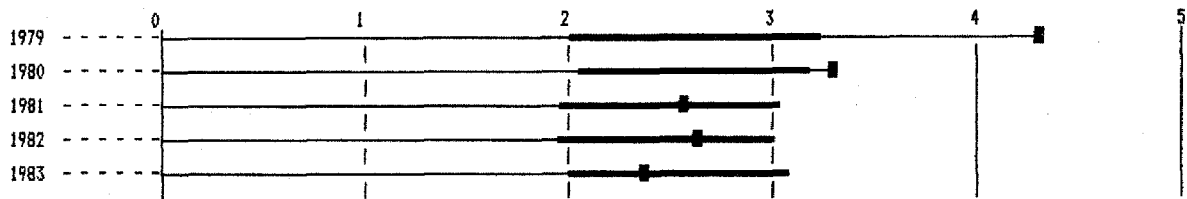


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

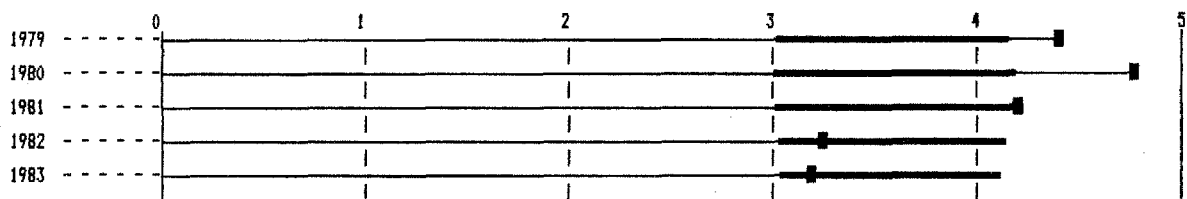
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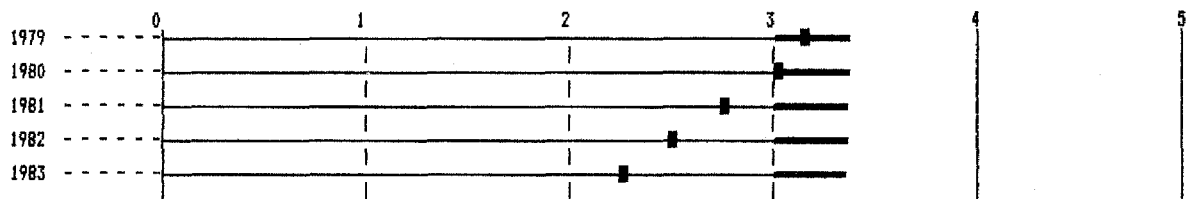
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IDAHO



ILLINOIS



INDIANA

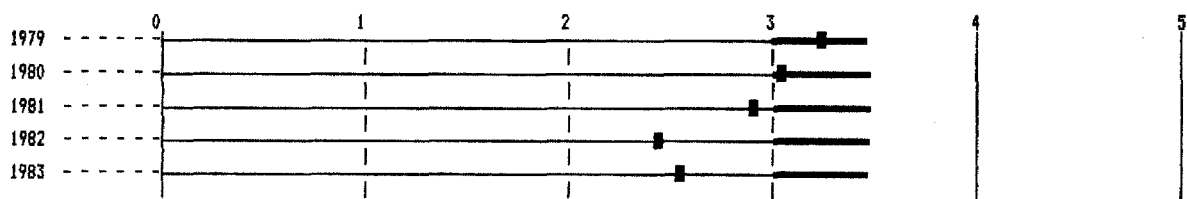
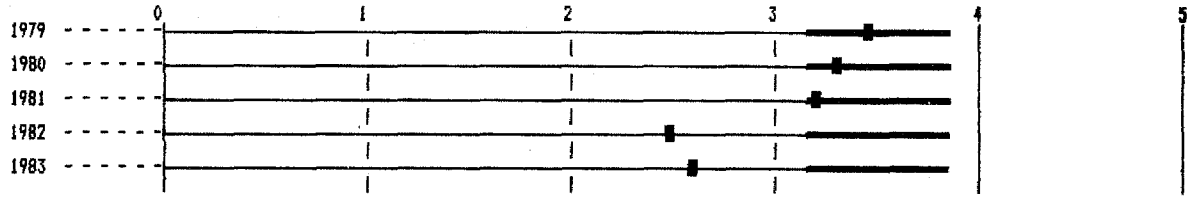
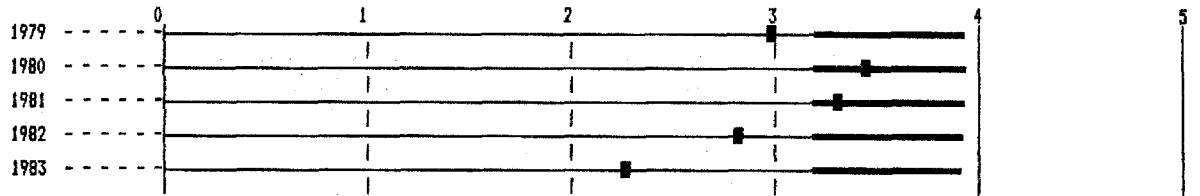


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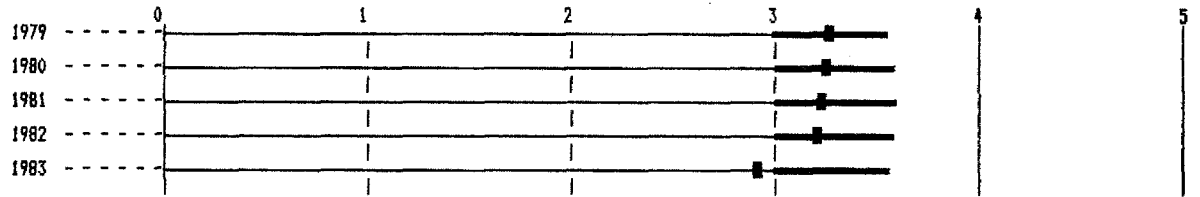
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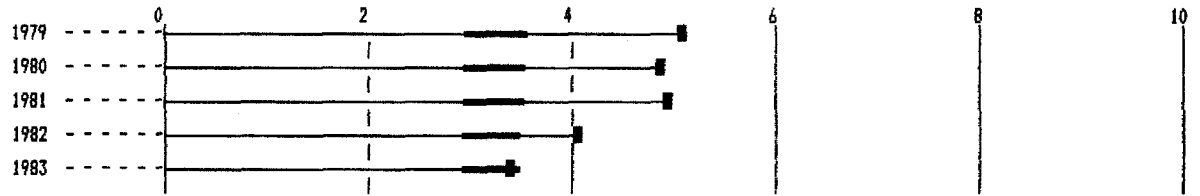
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KENTUCKY



LOUISIANA



MAINE

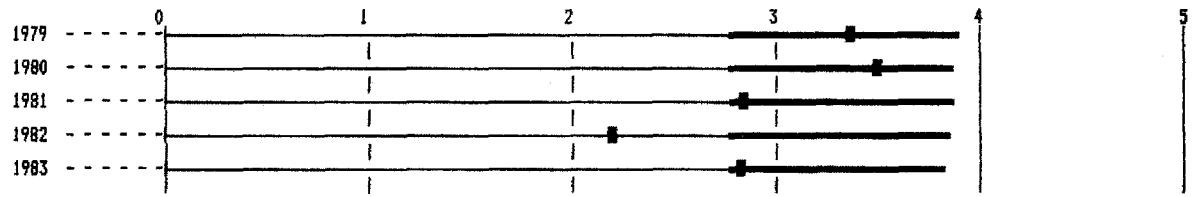
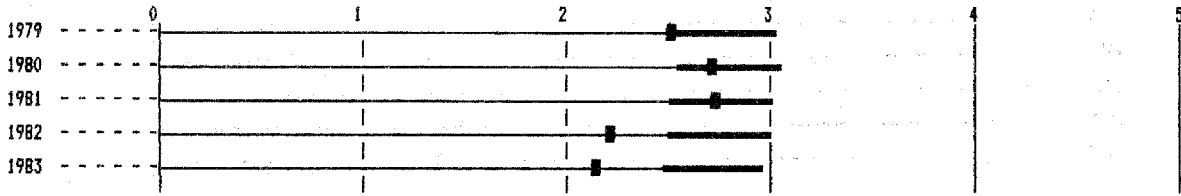
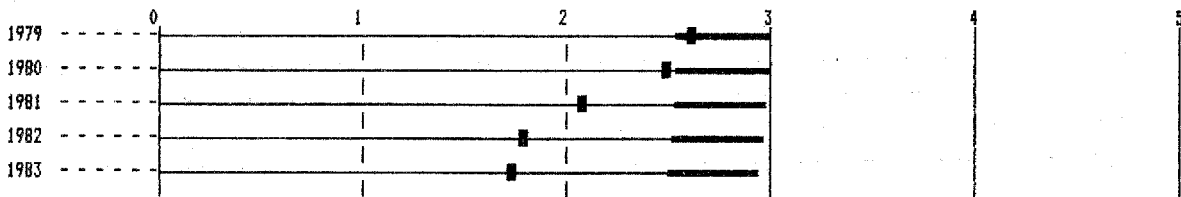


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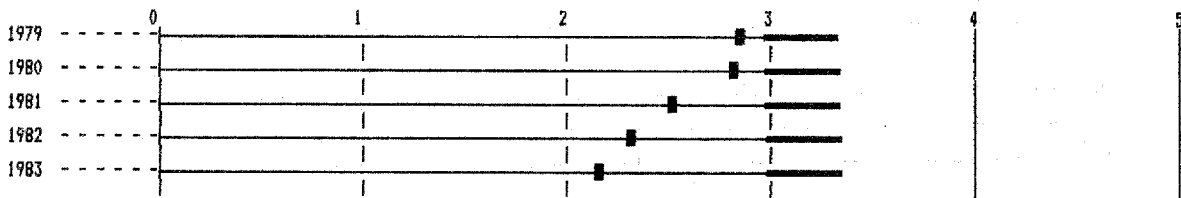
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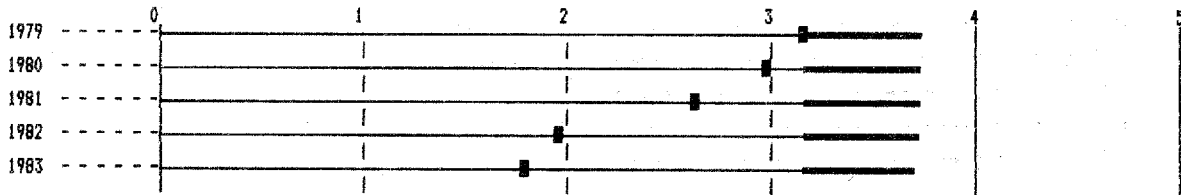
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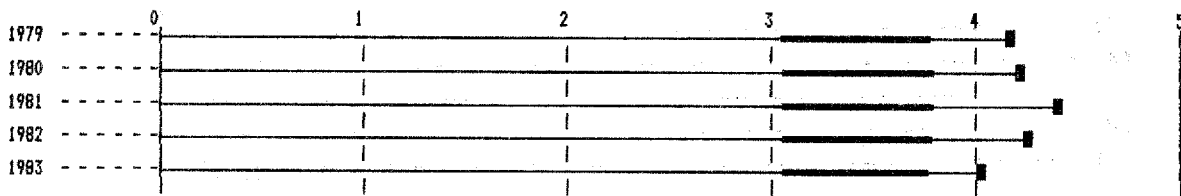
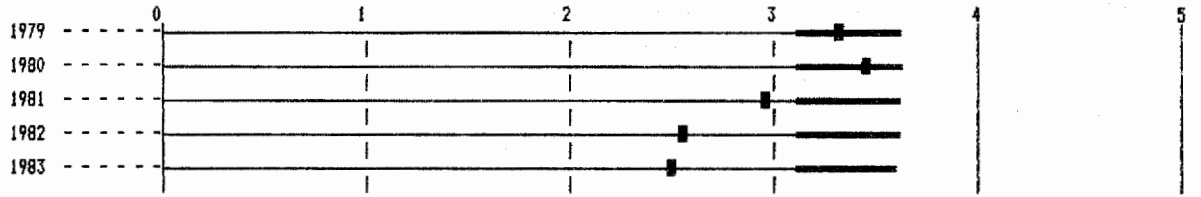
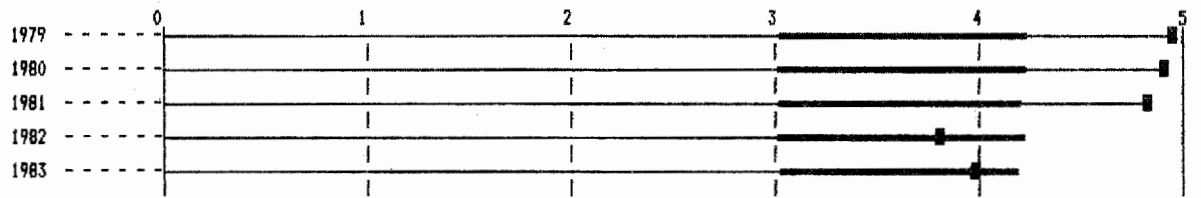


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

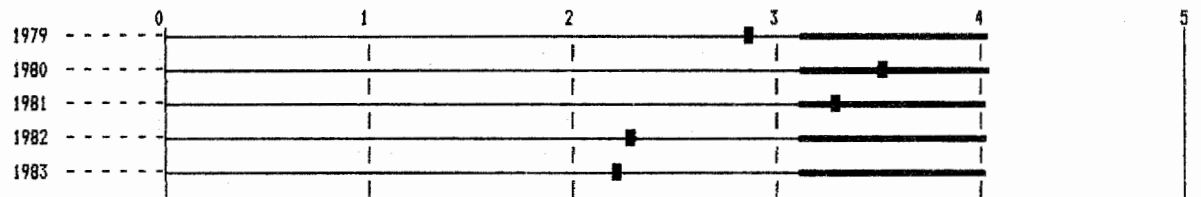
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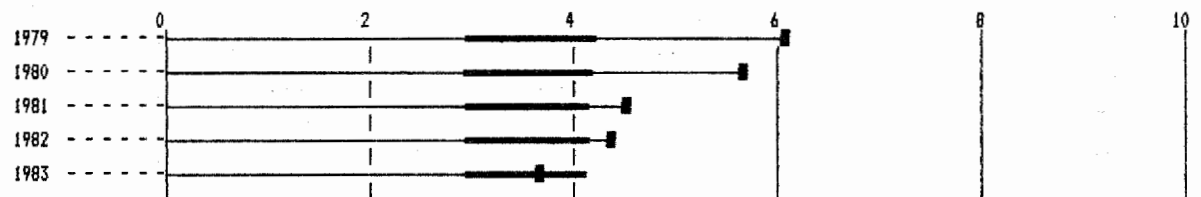
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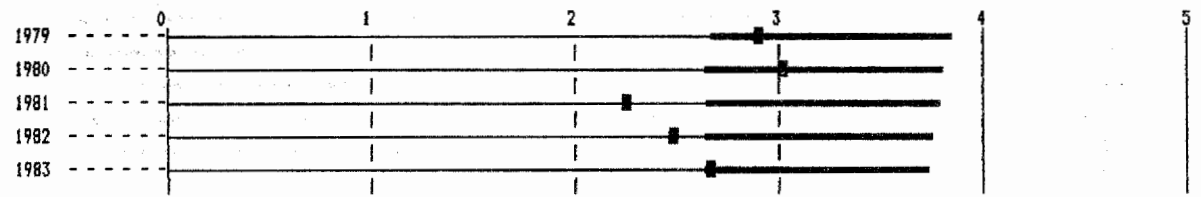
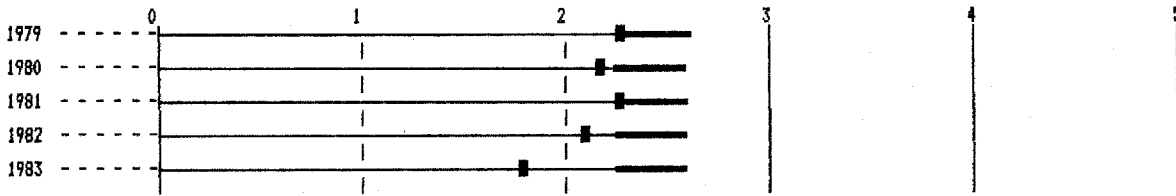
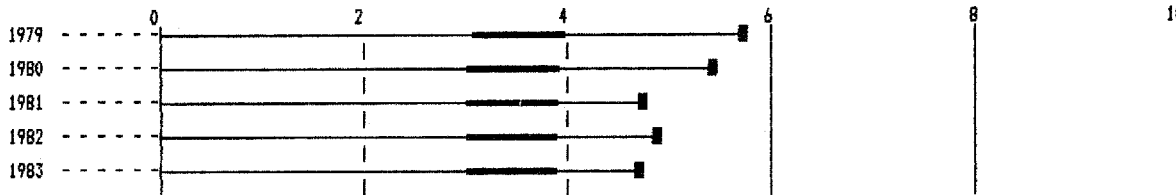


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

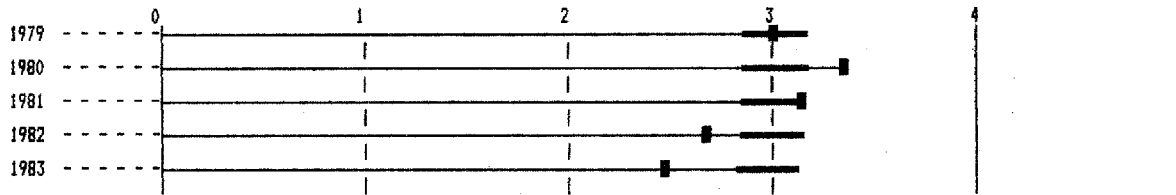
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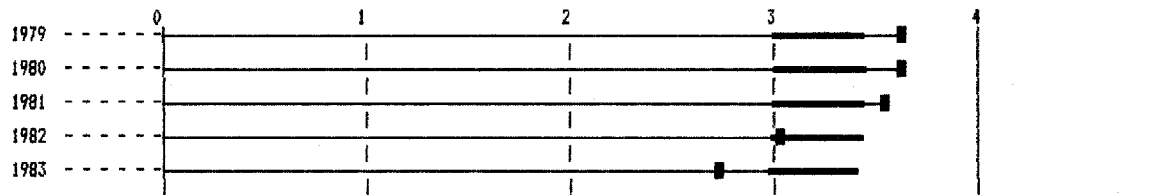
NEW MEXICO



NEW YORK



NORTH CAROLINA



NORTH DAKOTA

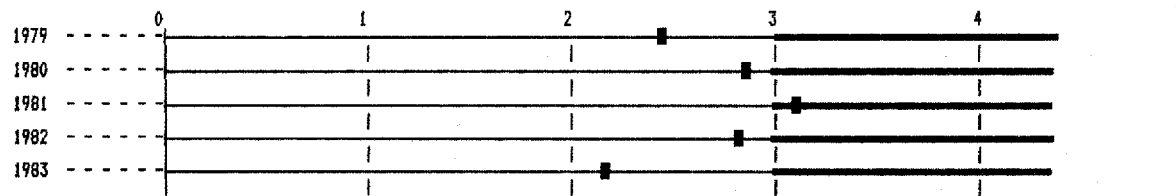
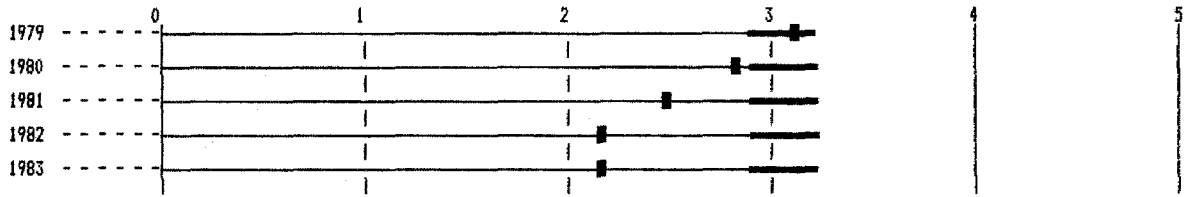
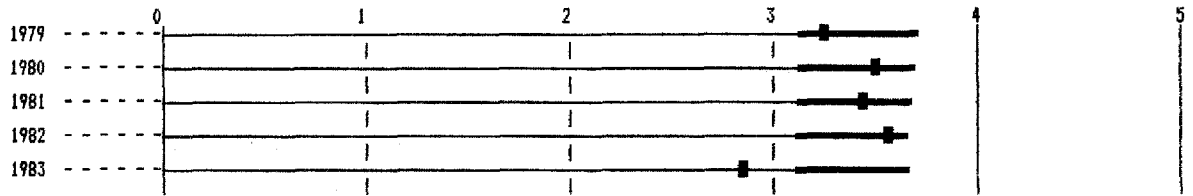


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

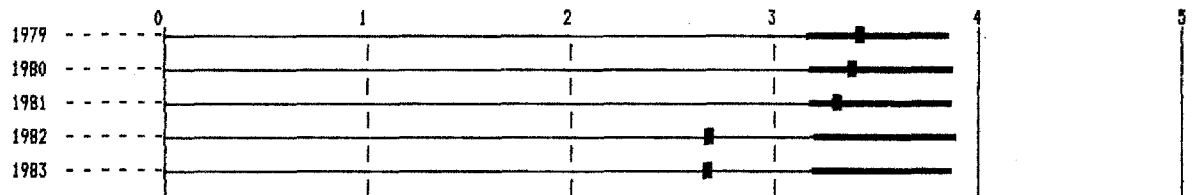
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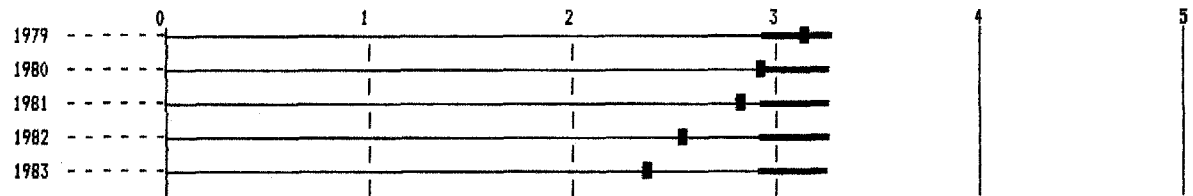
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RHODE ISLAND

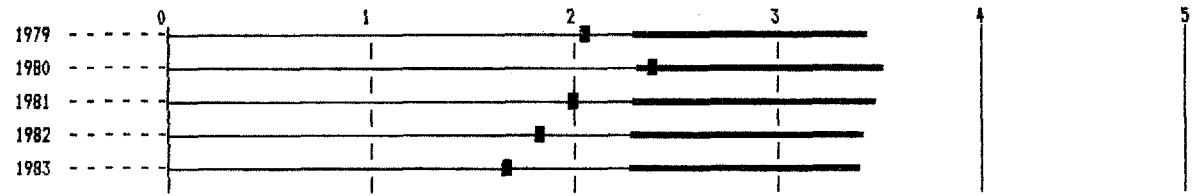
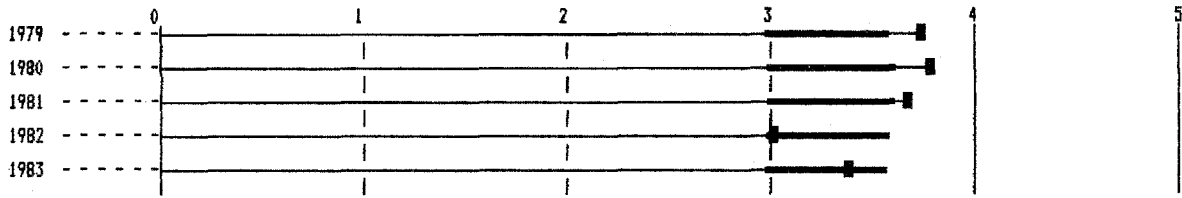
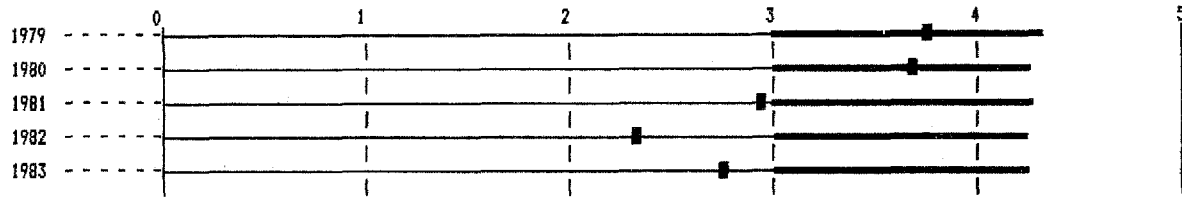


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

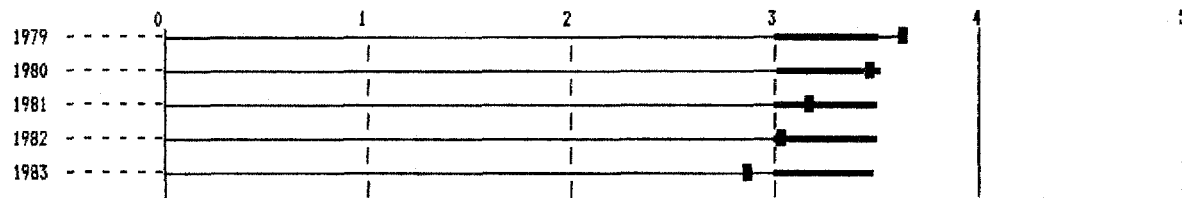
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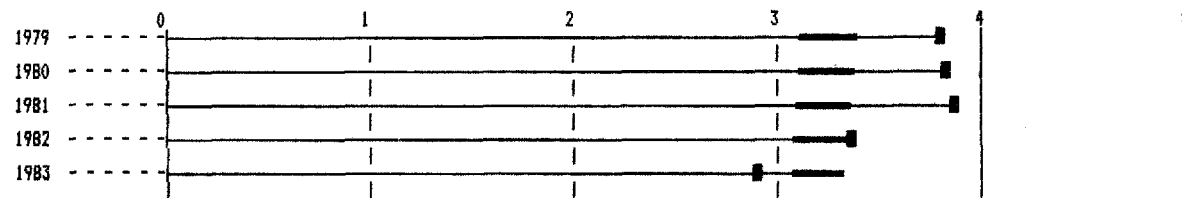
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TEXAS



UTAH

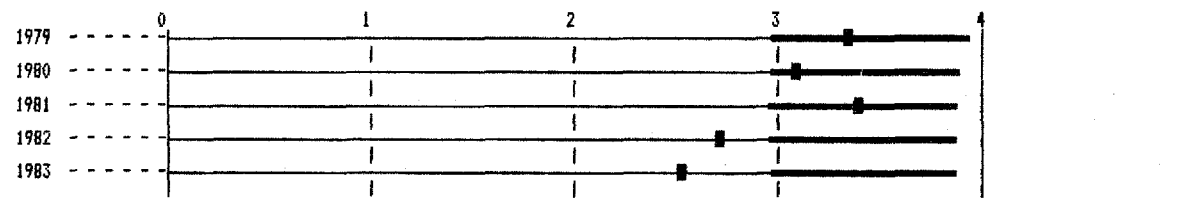
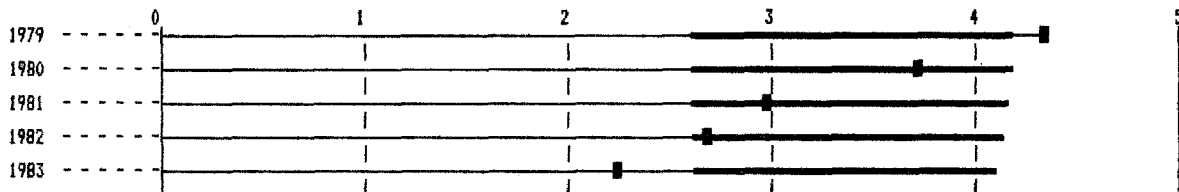
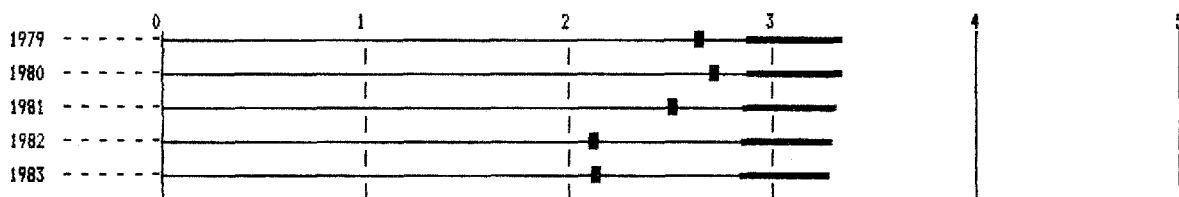


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

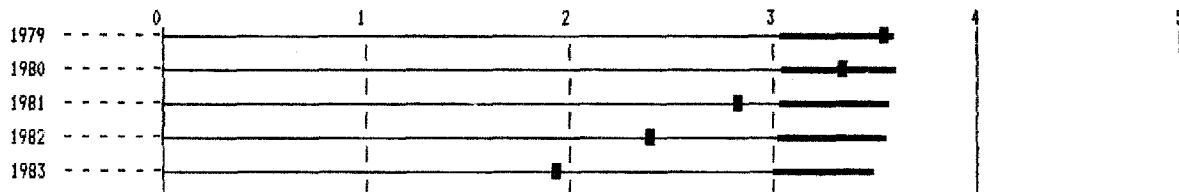
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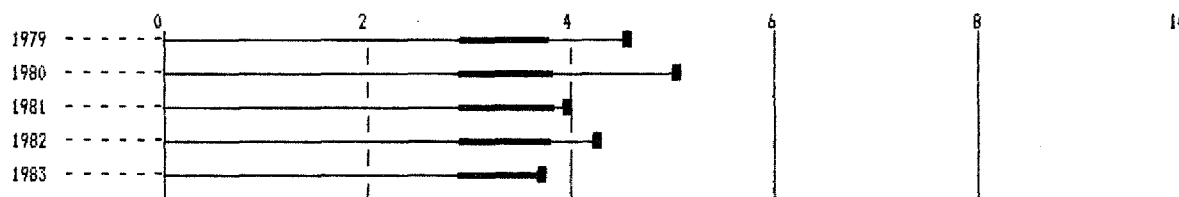
VIRGINIA



WASHINGTON



WEST VIRGINIA



WISCONSIN

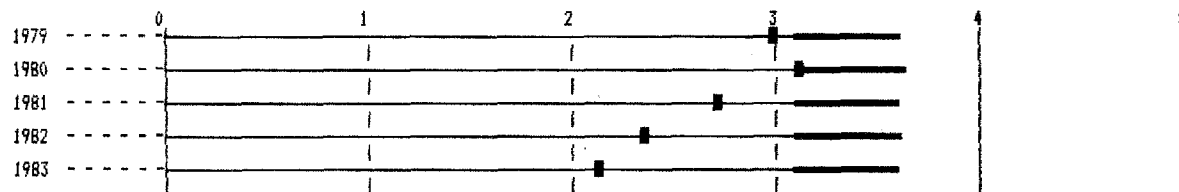
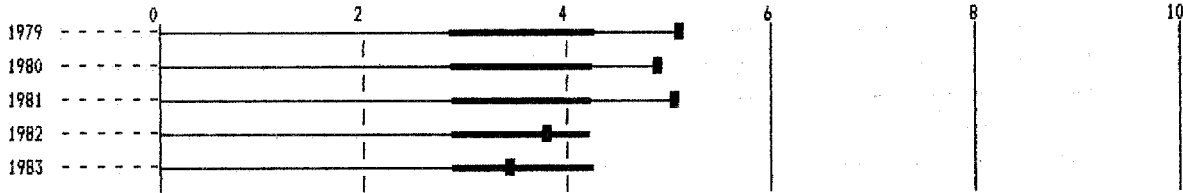
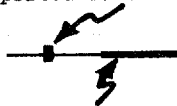


Figure 8 (continued) STATE FATALITY RATES (1979-1983)

WYOMING



LEGEND:
Reported fatality rate



Provisional range

SECTION VII—SUMMARY

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

A few States were unable to submit the data requested in time for inclusion in this compilation.

Analysis of the travel and accident data which have been presented is beyond the scope of this report.

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