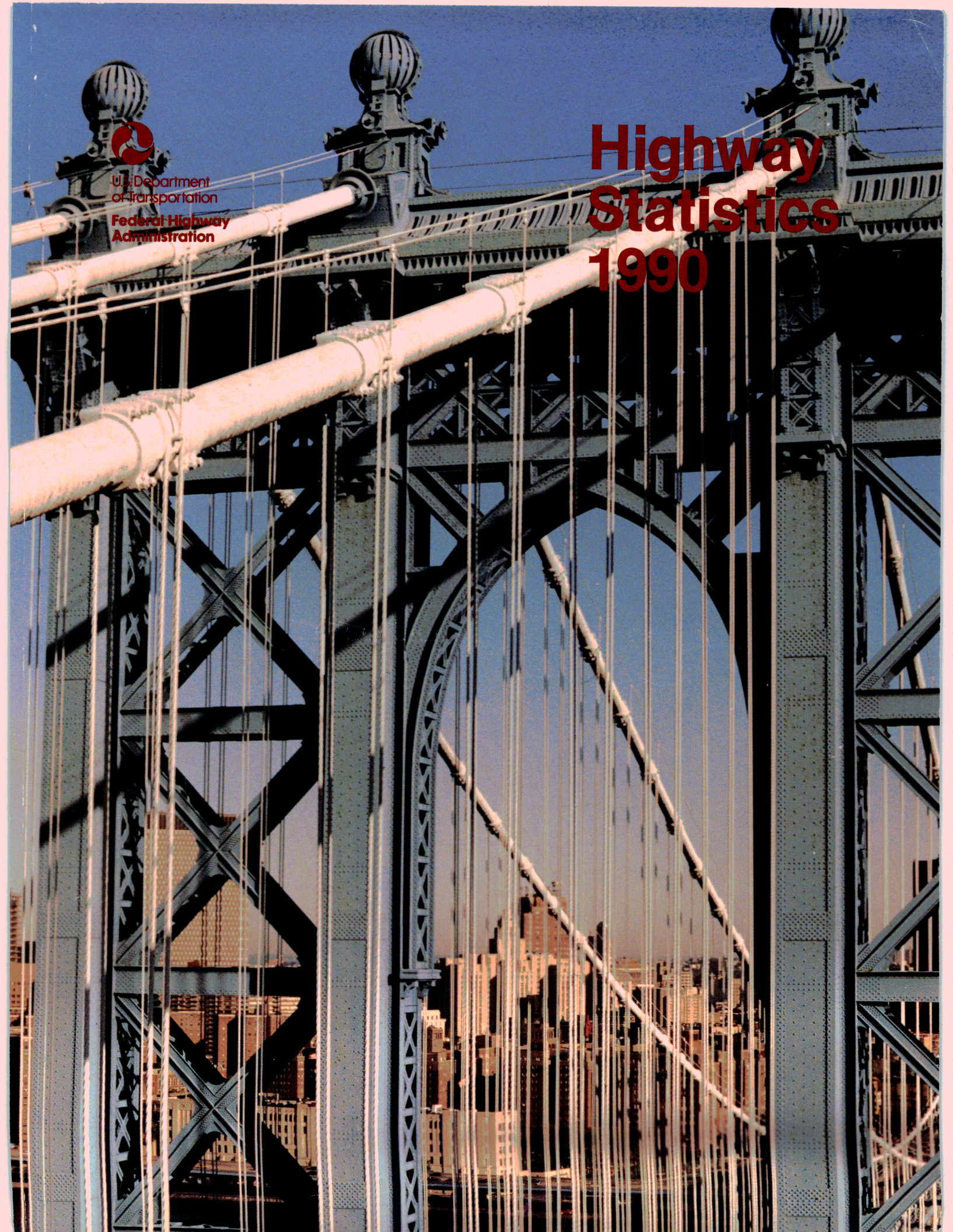




U.S. Department
of Transportation
**Federal Highway
Administration**

Highway Statistics 1990



COVER PHOTOGRAPH

MANHATTAN BRIDGE -- Crosses the East River at Pike Street.
Designed by L. S. Moisseiff and opened March 30, 1909.

This suspension bridge has a main span between towers of 1,480 feet. It connects Canal Street and Flatbush Avenue and has 6 lanes for vehicular traffic along with 4 subway tracks.



U.S. Department
of Transportation

**Federal Highway
Administration**

Highway Statistics 1990

**Thomas D. Larson
Federal Highway Administrator**

Preface

This publication was prepared by the Office of Highway Information Management, Federal Highway Administration. The 46th of an annual series, it presents the 1990 analyzed statistics of general interest on motor fuel, motor vehicles, driver licensing, highway-user taxation, State highway finance, highway mileage, and Federal aid for highways; and 1989 highway finance data for municipalities, counties, townships, and other units of local government. A listing of the data is given in the table of contents and a brief description is given in the text accompanying each section.

The *Highway Statistics* series has been published annually beginning with the year 1945. Most of the earlier editions are now out of print, but limited quantities of those listed are available, and prices are subject to change. Much of the information presented in the earlier editions is summarized in the publication *Highway Statistics, Summary to 1985*. Following is ordering information from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402:

	<i>Stock Number</i>	<i>Cost per Copy</i>
Highway Statistics, 1985	050-001-00301-5	\$10.00
Highway Statistics, Summary to 1985	050-001-00303-1	\$11.00
Highway Statistics, 1989	050-001-00311-2	\$10.00

The annual Highway Statistics for years 1969-1990, and the Summary to 1985 are available on microfiche from the Department of Commerce, National Technical Information Service, Springfield, Virginia 22161. Following are the accession numbers and prices to be used when ordering. There is a handling charge of \$3.00 per order.

	<i>Accession Number</i>	<i>Cost per Microfiche Copy</i>
Highway Statistics, 1969	PB 197714	\$11.00
Highway Statistics, 1970	PB 206547	\$11.00
Highway Statistics, 1971	PB 220134	\$11.00
Highway Statistics, 1972	PB 231001	\$11.00
Highway Statistics, 1973	PB 239989	\$11.00
Highway Statistics, 1974	PB 255090	\$11.00
Highway Statistics, 1975, Section 1	PB 271953	\$11.00
Highway Statistics, 1975, Section 2	PB 261237	\$11.00
Highway Statistics, 1975, Section 3 and Charts	PB 267552	\$11.00
Highway Statistics, 1975, Section 4	PB 261266	\$11.00
Highway Statistics, 1976	PB 282479	\$11.00
Highway Statistics, 1977	PB 296097	\$11.00
Highway Statistics, 1978	PB 80-126808	\$11.00
Highway Statistics, 1979	PB 81-127367	\$11.00
Highway Statistics, 1980	PB 82-1422027	\$11.00
Highway Statistics, 1981	PB 83-128082	\$11.00
Highway Statistics, 1982	PB 84-132968	\$11.00
Highway Statistics, 1983	PB 85-139913	\$11.00
Highway Statistics, 1984	PB 86-156106	\$11.00
Highway Statistics, 1985	PB 87-128666	\$11.00
Highway Statistics, Summary to 1985	PB 87-191458	\$11.00
Highway Statistics, 1986	PB 88-149067	\$11.00
Highway Statistics, 1987	PB 89-127369	\$11.00
Highway Statistics, 1988	PB 90-131467	\$11.00
Highway Statistics, 1989	PB 91-124578	\$11.00

Also available in paper copy from the National Technical Information Service are the following:

	<i>Accession Number</i>	<i>Cost per Paper Copy</i>
Highway Statistics, 1975, Section 1	PB 271953	\$4.00
Highway Statistics, 1975, Section 2	PB 261237	\$4.00
Highway Statistics, 1975, Section 3 and Charts	PB 267552	\$4.00
Highway Statistics, 1975, Section 4	PB 261266	\$4.00
Highway Statistics, 1976	PB 282479	\$4.75
Highway Statistics, 1977	PB 296097	\$5.25
Highway Statistics, 1978	PB 80-126808	\$5.50
Highway Statistics, 1979	PB 81-127367	\$6.00
Highway Statistics, 1980	PB 82-142027	\$7.00
Highway Statistics, 1981	PB 83-128082	\$7.00
Highway Statistics, 1982	PB 84-132968	\$6.00
Highway Statistics, 1983	PB 85-139913	\$7.00
Highway Statistics, 1984	PB 86-156106	\$16.50
Highway Statistics, 1985	PB 87-128666	\$31.00
Highway Statistics, Summary to 1985	PB 87-191458	\$31.00
Highway Statistics, 1986	PB 88-149067	\$23.00
Highway Statistics, 1987	PB 89-127369	\$23.00
Highway Statistics, 1988	PB 90-131467	\$23.00
Highway Statistics, 1989	PB 91-124578	\$31.00

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INTRODUCTION

This publication brings together annual series of selected statistical tabulations relating to highway transportation in three major areas: (1) highway use--the ownership and operation of motor vehicles; (2) highway finance--the receipts and expenditures for highways by public agencies; and (3) the highway plant--the extent, characteristics, and performance of the public highways, roads, and streets in the Nation.

The arrangement of contents follows this general order, with the first three sections devoted to motor-fuel use and taxation, vehicle ownership, and driver licensing. The fourth section deals with financing of highways by all government agencies; the fifth section provides data on highway mileage and performance; the sixth section gives statistics for the U.S. Territories and the Commonwealth of Puerto Rico; and the seventh section shows early results from the 1990 Nationwide Personal Transportation Study.

Statistics in this publication have been analyzed and reported on a calendar-year basis for the most part, using procedures that provide comparability of values among States. Therefore, some values reported here may differ from values reported by other agencies for similar items.

The cooperation of Federal, State, and local agencies in providing the basic data from which these statistical series are derived is acknowledged and greatly appreciated.

While the Office of Highway Information Management is responsible for the preparation of this publication, a number of the statistical summaries are prepared by other units within the Federal Highway Administration as indicated by notes on the tables involved.

Responsibility for administering the highway network of the United States, providing funds for its continued improvement and maintenance, and the regulation of its use, is a complex affair involving Federal and State agencies, together with nearly 39,000 county, township, and municipal governments and, to a limited degree, the private sector. These agencies work in concert in many ways in the management of the Nation's highway plant.

FEDERAL AGENCIES

The Federal Highway Administration (FHWA) is the principal highway agency of the Federal Government. Under the Federal-aid highway program, the initiative for selecting routes eligible for improvement with Federal-aid funds rests with the States. These routes continue to remain under the jurisdiction of the State or local governments which are responsible for administering and maintaining them as part of the State or local highway systems.

The FHWA also administers the Federal Lands Highways Program. This program is funded from the Federal Highway Trust Fund and consists of four separate programs: Forest Highways, Park Roads and Parkways, Indian Reservation Roads, and Public Lands Highways.

The Department of Defense and the Bureau of Land Management in the Department of the Interior provide funds for the construction of roads leading to military installations, timber areas, etc., but these funds are usually transferred to the FHWA to manage the construction program.

Some Federal agencies also provide funds for road and bridge work which is incidental to their major functions. For example, the Corps of Engineers in the Department of the Army and the Bureau of Reclamation in the Department of the Interior expend funds for highway and bridge construction and reconstruction on projects involving water resources and navigable rivers. Other Federal agencies, such as the Forest Service and the Bureau of Land Management, provide funds through a policy of sharing with States and counties some of the income derived from timber sales and oil and mineral royalties on Federal lands, a portion of which is placed in road funds.

Additional Federal funds are provided from the General Treasury to States, counties, and cities through programs such as Urban Development Block Grants for various purposes including highways.

The Treasury Department's Internal Revenue Service collects the Federal road-user taxes and deposits the revenues in the Federal Highway Trust Fund. Amounts dedicated by Congress for mass transportation are credited to a separate mass transit account.

STATE AGENCIES

In the Federal Highway Administration's analyses, special State commissions and authorities, both toll and nontoll, as well as State highway and transportation departments, are classed as State highway agencies. Other executive branches of the State government also have been included when, and to the extent, they are responsible for the collection and distribution of road-user taxes or perform highway and related functions. Examples of these executive agencies are treasury and revenue departments, motor-vehicle departments, public-safety departments (highway police and law enforcement activities), and conservation departments when they are responsible for roads within State parks, forests, or reservations. The District of Columbia, although a municipal type of government, is treated as a State.

COUNTIES AND TOWNSHIPS

All States have organized county governments except Connecticut and Rhode Island. Counties, however, have limited or no responsibility for roads in the New England States, or in Delaware, North Carolina, Virginia (except for several counties), or West Virginia. In Alabama and Maryland, the State has assumed responsibility for roads in certain counties. Recently, Virginia has permitted counties to assume greater responsibilities for roads.

Statistics are included for counties, townships, and road improvement districts. There are two principal types or classes of local rural governments: (1) counties, which are called parishes in Louisiana and boroughs in Alaska; and (2) townships, which are known as towns in New England, New York, and Wisconsin. In general, this classification is standardized, and is used by the State in identifying grants-in-aid of road-user tax revenues to local governments, highway appropriations for local governments, and expenditures on local roads by State highway agencies.

However, there are exceptions to this general classification of local governments. Some counties have boundaries coextensive with cities. Generally, in such instances counties retain their identities only for certain administrative purposes; and the county highway functions are submerged in the municipality. Because some counties are entirely urban in nature or have merged with municipalities, they are classified as municipalities. In addition, a county may be classified as a municipality when its area consists predominantly of incorporated cities, towns, and villages.

Although generally considered to be rural governments, many townships, particularly in the Northeast, serve heavily populated areas and perform the functions of a municipal government. For FHWA purposes, some townships have been classified as municipalities on the basis of population density according to the latest Census (see Appendix A, Area Classification, Volume 1, 1980 Census of Population) or by being located in a designated Federal-aid urban area.

Data for county-created toll authorities, parkway commissions, etc., are included in statistical summaries with those for the county and township governments.

MUNICIPALITIES

A municipality is a political subdivision within which a municipal corporation has been established to provide general local government for a specific population concentration in a specified area.

Summary tables for municipalities include data for specific counties and townships classified as municipalities and those incorporated places legally designated as cities including boroughs, villages, and towns other than the New England type.

URBAN AREAS

The term "urban" is used in the summary tables to denote the Federal-aid legislation definition of an area. Such areas include, as a minimum, a census place with a population of 5,000 to 49,999 or a designated urbanized area with a population of 50,000 or more (or portions thereof within State boundaries). The boundaries are fixed by responsible State and local officials, subject to the approval of the Secretary of Transportation. These Federal-aid urban areas may extend beyond corporate and census boundaries, and thus are not necessarily coextensive with municipal boundaries.

INDIVIDUAL UNIT STATISTICS

In general, the statistical series present summary data only on a State-by-State basis. However, in the highway finance section, special tabulations are included for individual toll authorities. The roadway extent section includes two tables detailing information for the larger urbanized areas. While a number of States compile selected motor vehicle and mileage statistics on a county basis, this is not universal and tabulations of these data are, therefore, not included in this publication. Inquiries for information on a county-by-county basis should be directed to the respective State highway agencies.

DUPLICATIONS

Users of these data must be careful to avoid "double counting" of the statistical data that could result from the effect of intergovernmental relationships. This is particularly so with reference to tables in the finance and mileage sections, because of the overlapping of Federal-aid activities with the State and local highway activities, and the effects of grant-in-aid programs. Examples are Federal-aid payments, which are in turn reported as State receipts, and included in State expenditures; and Federal-aid highway system mileages, which are parts of the State and/or local highway systems, and are also included in those systems. Summary tables that give national statistics have been included at the beginning of the finance and mileage sections, and eliminate "double counting" or duplication. These are then followed by table series that reflect the transactions of each level of government, but which are not necessarily cumulative to national totals.

MOTOR FUEL

The tables in this section show gallons of motor fuel exempted, refunded, and taxed; the use of fuel for highway and nonhighway purposes; and motor-fuel use by type of fuel.

The term "motor fuel" applies to gasoline and all other fuels coming under the purview of the State motor-fuel tax laws. "Special fuels" include diesel fuel, liquefied petroleum gases, and those fuels known by such names as "tractor fuel" and "power fuel" when they are used to operate vehicles on the highways. Gasohol is included with gasoline in all motor fuel tables in this publication except table MF-33GLA.

MOTOR-FUEL TAX COLLECTIONS

The motor-fuel tax collections for all States are given in table MF-1, and the disposition of these revenues is given in table MF-3. These tables can be found in the highway finance section. In most States, the tax on aviation fuel is either refunded or placed in a special fund for aviation purposes. Similarly, some States place in a separate fund all or part of the tax paid on fuel used by marine craft and use these funds for the improvement of marine facilities. When revenue from fuels used for nonhighway purposes has been dedicated for specific purposes and placed in a separate fund, it has been shown in column 6 of table MF-1. The last column of the table, "Adjusted Net Total Receipts," lists the State highway-user revenues derived from motor fuel.

Diesel fuel is the most widely used of the special fuels. At the end of 1990, ten States reported higher tax rates on diesel fuel than on gasoline and seven States reported lower rates.

As of December 31, 1990 State gasoline tax rates ranged from 7.5 to 22 cents per gallon with 40 States charging 15 cents or more per gallon. Tax rates in effect for 1990 for gasoline and other motor fuels are given in table MF-121T.

The words "exemption" and "refund" have not been used interchangeably. In this publication, exemption has been applied when the State purposely did not collect the tax, and refund has been applied when the State collected the tax and later returned it, in whole or in part. Exemptions are most frequently granted on motor fuel purchased by the Federal

Government; they are also granted as allowances for loss through evaporation, spillage, etc. Refunds are granted for nonhighway uses of motor fuel such as for agriculture, aviation, manufacturing, construction, and marine purposes. In most States, gasoline used for nonhighway purposes is taxed but the tax is refundable, whereas special fuels used for nonhighway purposes are not taxed.

A separate publication entitled *Highway Taxes and Fees, How They Are Collected and Distributed* provides additional information on motor fuel. The provisions governing the disposition of motor-fuel tax receipts can be found in table MF-106. Tables MF-101 through MF-105 summarize the more important State provisions for administering gasoline and special-fuel taxes, and tables MF-107 through MF-111 give the State licenses and fees imposed on wholesalers, dealers, and users of motor fuel, the liquid-fuels inspection fees and rates for fines, penalties, and interest.

MOTOR-FUEL USE

Analyses of 1990 motor-fuel consumption are given in tables MF-2, MF-21, MF-21A, MF-24, MF-25, and MF-26. Table MF-2, intended primarily to provide tax data for revenue analysis, shows gallonage taxed, exempted, and refunded regardless of the use of the fuel. The amounts of motor fuel used for highway and nonhighway purposes are shown separately in tables MF-21, MF-21A, and MF-24. These tables do not include data on fuel purchased by the Federal Government for military use or fuel exported from the United States. In tables MF-21, MF-21A, and MF-24, adjustments have been made to allow for losses from destruction, evaporation, spillage, etc. Table MF-25 shows private and commercial highway use of special fuels by month for all States, and table MF-26 gives highway use of gasoline. Table MF-33GA shows, by month, for the calendar year, gasoline data which have been reported in the publication, *Monthly Motor Fuel Reported by States*. Since the data in this table are taken from monthly reports issued by State fuel-tax agencies, and no year-end adjustments have been made, the totals will not agree with those shown in table MF-21A. Adjustments are made in the annual data to exclude percentage losses in excess of 1 percent and to reflect usage rather than tax collections. Table MF-33GLA shows gasohol (ethanol blends) sales by month for those States that were able to report data separately from gasoline.

TOTAL GASOLINE USE - 1990 ¹COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-21A
OCTOBER 1991

STATE	HIGHWAY				NONHIGHWAY			TOTAL
	PRIVATE AND COMMERCIAL	PUBLIC		TOTAL	PRIVATE AND COMMERCIAL	STATE, COUNTY, MUNICIPAL	TOTAL	
		FEDERAL	STATE, COUNTY, MUNICIPAL					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ALABAMA	2,016,557	3,593	33,169	2,053,319	50,179	11,056	61,235	2,114,554
ALASKA	228,817	2,099	5,235	236,151	32,936	1,745	34,681	270,832
ARIZONA	1,612,339	6,740	18,766	1,637,845	50,234	6,255	56,489	1,694,334
ARKANSAS	1,183,481	2,020	18,310	1,203,811	38,639	6,103	44,742	1,248,553
CALIFORNIA	12,531,360	31,489	245,204	12,808,053	276,953	81,735	358,688	13,166,741
COLORADO	1,455,358	5,696	29,421	1,490,475	31,507	9,807	41,314	1,531,789
CONNECTICUT	1,278,846	2,469	20,400	1,301,715	30,678	6,800	37,478	1,339,193
DELAWARE	327,882	570	4,026	332,478	12,910	1,342	14,252	346,730
DIST. OF COL.	156,776	3,850	4,887	165,513	6,248	1,629	7,877	173,390
FLORIDA	5,638,109	10,899	181,685	5,830,693	245,958	60,562	306,520	6,137,213
GEORGIA	3,387,733	5,420	62,422	3,455,575	97,289	20,807	118,096	3,573,671
HAWAII	352,052	1,243	7,593	360,888	19,351	2,531	21,882	382,770
IDAHO	442,607	3,216	19,076	464,899	21,431	6,359	27,790	492,689
ILLINOIS	5,029,138	7,737	55,333	5,092,208	90,128	18,444	108,572	5,200,780
INDIANA	2,532,892	3,205	52,913	2,589,010	61,398	17,638	79,036	2,668,046
IOWA	1,277,390	2,148	16,843	1,296,381	60,771	5,614	66,385	1,362,766
KANSAS	1,160,335	2,140	18,125	1,180,600	46,489	6,042	52,531	1,233,131
KENTUCKY	1,719,269	3,445	57,194	1,779,908	48,874	19,065	67,939	1,847,847
LOUISIANA	1,754,706	3,497	32,711	1,790,914	88,070	10,904	98,974	1,889,888
MAINE	563,977	897	12,990	577,864	26,107	4,330	30,437	608,301
MARYLAND	1,936,006	5,303	23,719	1,965,028	63,435	7,906	71,341	2,036,369
MASSACHUSETTS	2,321,022	5,230	8,206	2,334,458	69,405	2,735	72,140	2,406,598
MICHIGAN	4,044,213	6,199	93,622	4,144,034	118,250	31,207	149,457	4,293,491
MINNESOTA	1,839,414	3,742	29,411	1,872,567	174,433	9,804	184,237	2,056,804
MISSISSIPPI	1,172,542	2,703	21,277	1,196,522	48,797	7,092	55,889	1,252,411
MISSOURI	2,655,955	4,243	24,449	2,684,647	56,695	8,150	64,845	2,749,492
MONTANA	396,820	3,133	10,765	410,718	33,058	3,588	36,646	447,364
NEBRASKA	717,760	2,054	19,991	739,805	48,119	6,664	54,783	794,588
NEVADA	612,015	4,221	10,817	627,053	14,612	3,606	18,218	645,271
NEW HAMPSHIRE	483,102	904	9,503	493,509	9,242	3,168	12,410	505,919
NEW JERSEY	3,179,363	6,681	89,098	3,275,142	59,756	29,699	89,455	3,364,597
NEW MEXICO	756,063	4,791	16,283	777,137	20,530	5,428	25,958	803,095
NEW YORK 2/	5,710,272	14,467	94,212	5,818,951	121,584	31,404	152,988	5,971,939
NORTH CAROLINA	3,112,329	3,891	94,670	3,210,890	90,819	31,557	122,376	3,333,266
NORTH DAKOTA	299,638	1,433	9,033	310,104	37,592	3,011	40,603	350,707
OHIO	4,527,359	6,541	91,042	4,624,942	92,613	30,347	122,960	4,747,902
OKLAHOMA	1,567,807	3,580	48,067	1,619,454	59,865	16,022	75,887	1,695,341
OREGON	1,275,994	5,572	34,126	1,315,692	38,457	11,375	49,832	1,365,524
PENNSYLVANIA	4,431,215	9,595	64,191	4,505,001	88,177	21,397	109,574	4,614,575
RHODE ISLAND	355,052	718	4,978	360,748	15,183	1,659	16,842	377,590
SOUTH CAROLINA	1,730,208	3,468	32,976	1,766,652	81,829	10,992	92,821	1,859,473
SOUTH DAKOTA	346,302	1,879	10,006	358,187	27,593	3,335	30,928	389,115
TENNESSEE	2,361,465	6,934	50,321	2,418,720	58,892	16,774	75,666	2,494,386
TEXAS	8,141,742	15,904	295,087	8,452,733	291,275	98,362	389,637	8,842,370
UTAH	684,090	2,886	12,355	699,331	18,042	4,118	22,160	721,491
VERMONT	273,570	438	5,240	279,248	6,738	1,747	8,485	287,733
VIRGINIA	2,879,115	6,375	52,792	2,938,282	63,105	17,597	80,702	3,018,984
WASHINGTON	2,187,179	8,366	35,393	2,230,958	62,645	11,798	74,443	2,305,401
WEST VIRGINIA	769,391	1,590	42,518	813,499	16,186	14,173	30,359	843,858
WISCONSIN	1,968,916	3,119	37,513	2,009,548	75,089	12,504	87,593	2,097,141
WYOMING	271,328	1,747	9,215	282,290	20,750	3,072	23,822	306,112
TOTAL	107,656,871	250,100	2,277,179	110,184,150	3,318,916	759,059	4,077,975	114,262,125

1/ THIS TABLE IS ONE OF A SERIES (MF-21 THROUGH MF-26) GIVING AN ANALYSIS OF MOTOR-FUEL CONSUMPTION. GASOLINE IS INCLUDED WITH GASOLINE. IN ORDER TO MAKE THE DATA UNIFORM AND COMPLETE, NONHIGHWAY USES OF GASOLINE WERE ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION OR DATA WERE OBTAINED FROM OTHER SOURCES. TABLE MF-21A EXCLUDES LOSSES AS SHOWN IN COLUMN 13 OF TABLE MF-21.

2/ PRELIMINARY DATA.

PRIVATE AND COMMERCIAL NONHIGHWAY USE OF GASOLINE - 1990¹COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-24
OCTOBER 1991

STATE	AGRICULTURE 2/	AVIATION 2/	INDUSTRIAL AND COMMERCIAL	CONSTRUCTION	MARINE	MISCEL- LANEOUS 3/	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ALABAMA	8,403	4,638	6,815	3,789	26,534	-	50,179
ALASKA	234	19,769	1,599	518	10,328	488	32,936
ARIZONA	10,824	7,806	4,723	6,027	16,089	4,765	50,234
ARKANSAS	11,827	5,009	3,311	2,709	15,783	-	38,639
CALIFORNIA	39,690	44,490	51,903	44,033	95,910	927	276,953
COLORADO	11,278	6,693	2,869	3,363	5,750	1,554	31,507
CONNECTICUT	1,056	3,745	4,794	5,410	13,725	1,948	30,678
DELAWARE	740	3,120	234	1,104	7,553	159	12,910
DIST. OF COL.	-	-	1,007	2,842	985	1,414	6,248
FLORIDA	6,641	32,397	19,174	20,019	167,727	-	245,958
GEORGIA	12,409	7,841	32,388	10,423	32,765	1,463	97,289
HAWAII	1,492	10,960	1,544	2,688	2,667	-	19,351
IDAHO	12,270	1,539	2,195	648	4,779	-	21,431
ILLINOIS	31,204	6,571	7,777	15,240	23,743	5,593	90,128
INDIANA	13,524	12,161	5,672	7,601	16,034	6,406	61,398
IOWA	33,380	3,991	10,279	2,294	10,361	466	60,771
KANSAS	24,847	5,481	5,515	2,427	7,313	906	46,489
KENTUCKY	15,089	2,036	16,994	4,282	10,473	-	48,874
LOUISIANA	6,915	4,356	3,034	4,495	66,552	2,718	88,070
MAINE	1,766	2,485	1,404	861	19,591	-	26,107
MARYLAND	2,767	2,959	1,915	8,043	45,736	2,015	63,435
MASSACHUSETTS	1,321	3,886	7,560	8,870	47,563	205	69,405
MICHIGAN	20,767	8,649	9,058	12,048	65,909	1,819	118,250
MINNESOTA	37,266	8,586	4,309	6,326	60,484	57,462	174,433
MISSISSIPPI	10,215	5,295	13,189	1,368	18,730	-	48,797
MISSOURI	20,786	5,083	2,246	5,417	21,071	2,092	56,695
MONTANA	18,792	4,431	7,159	405	2,271	-	33,058
NEBRASKA	35,231	3,316	4,086	1,416	4,070	-	48,119
NEVADA	1,360	4,459	3,068	2,873	2,852	-	14,612
NEW HAMPSHIRE	522	831	614	1,221	6,054	-	9,242
NEW JERSEY	2,598	4,807	6,576	10,536	32,581	2,658	59,756
NEW MEXICO	3,419	3,419	9,385	1,358	2,949	-	20,530
NEW YORK 4/	13,826	3,115	13,815	21,476	49,269	20,083	121,584
NORTH CAROLINA	20,095	8,558	5,091	9,408	45,708	1,959	90,819
NORTH DAKOTA	29,536	1,131	4,114	621	2,190	-	37,592
OHIO	16,108	9,601	8,899	16,723	26,209	15,073	92,613
OKLAHOMA	17,652	5,884	15,752	2,366	18,211	-	59,865
OREGON	10,800	4,868	5,129	2,314	15,049	297	38,457
PENNSYLVANIA	11,339	5,782	26,164	13,121	23,099	8,672	88,177
RHODE ISLAND	144	1,693	198	1,145	12,003	-	15,183
SOUTH CAROLINA	8,007	4,060	18,008	4,142	47,612	-	81,829
SOUTH DAKOTA	16,959	3,745	3,477	528	2,881	3	27,593
TENNESSEE	15,157	6,980	4,088	5,770	23,791	3,106	58,892
TEXAS	58,863	33,588	110,135	16,944	71,745	-	291,275
UTAH	4,926	4,256	1,931	1,653	5,276	-	18,042
VERMONT	1,848	590	1,078	545	2,677	-	6,738
VIRGINIA	7,973	2,723	13,453	8,822	27,238	2,896	63,105
WASHINGTON	11,694	12,583	11,271	5,246	21,591	260	62,645
WEST VIRGINIA	1,955	1,446	7,767	970	4,048	-	16,186
WISCONSIN	24,039	4,885	3,969	5,431	35,566	1,199	75,089
WYOMING	11,666	1,421	5,914	305	1,326	118	20,750
TOTAL	681,220	357,718	512,649	318,184	1,300,421	148,724	3,318,916
PERCENTAGE	20.52	10.78	15.45	9.59	39.18	4.48	100.00

1/ A COMPLETE AND UNIFORM CLASSIFICATION OF NONHIGHWAY USE IS NOT POSSIBLE DUE TO DIFFERENCES AMONG THE STATES AS TO WHAT CLASSES OF NONHIGHWAY USE ARE ELIGIBLE FOR EXEMPTIONS OR REFUNDS AND BECAUSE SOME ELIGIBLE REFUNDS ARE NOT APPLIED FOR. IN ORDER TO MAKE THE DATA UNIFORM AND COMPLETE, NONHIGHWAY USES OF GASOLINE WERE ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION OR DATA WERE OBTAINED FROM OTHER SOURCES.

2/ DOES NOT INCLUDE AVIATION JET FUEL.

3/ GALLONAGE WAS SHOWN IN THIS COLUMN ONLY WHEN REPORTED BY THE STATE AND WHEN IT COULD BE DETERMINED THAT IT DID NOT INCLUDE GALLONAGE REPRESENTED IN OTHER CATEGORIES.

4/ PRELIMINARY DATA.

NOTE: THIS TABLE IS ONE OF A SERIES (MF-21 THROUGH MF-26) GIVING AN ANALYSIS OF MOTOR-FUEL CONSUMPTION.

Highway Statistics, 1990

MONTHLY GASOLINE REPORTED BY STATES - 1990

TABLE MF-350A
OCTOBER 1991

Table with columns for STATE, JANUARY, FEBRUARY, MARCH, APRIL, MAY, JUNE, JULY, AUGUST, SEPTEMBER, OCTOBER, NOVEMBER, DECEMBER, TOTAL, CHANGE FROM 1989 (GALLONS), PER CENT. Rows list 50 states and U.S. TOTAL.

1/ THIS TABLE SHOWS GROSS GALLONS OF GASOLINE REPORTED BY WHOLESALE DISTRIBUTORS IN EACH STATE... THE DATA ARE TAKEN FROM STATE TAXATION REPORTS AND MAY REFLECT TIME LAGS OF 90 DAYS OR MORE BETWEEN THE WHOLESALE AND RETAIL LEVELS... THE DATA INCLUDE HIGHWAY USE, BLOW-BY, AND MORE BEYOND LOSS OF LIFE, AND OTHER UNDESIRABLE CONSEQUENCES OF AIR POLLUTION THAT IN TABLE MF-210A. TABLE MF-210A REFLECTS ADJUSTMENTS MADE TO ELIMINATE EXPORTS AND MILITARY USE AND TO LIMIT PERCENTAGE LOSS ALLOWANCES TO A MAXIMUM OF 1 PERCENT... IN STATES WHERE JET FUEL WAS INITIALLY INCLUDED WITH AVIATION GASOLINE, THE JET FUEL HAS BEEN DEDUCTED.

2/ PRELIMINARY DATA.

MONTHLY GASOLINE REPORTED BY STATES - 1990

COMPILED FOR THE CALENDAR YEAR FROM STATE FUEL-TAX REPORTS

(THOUSANDS OF GALLONS)

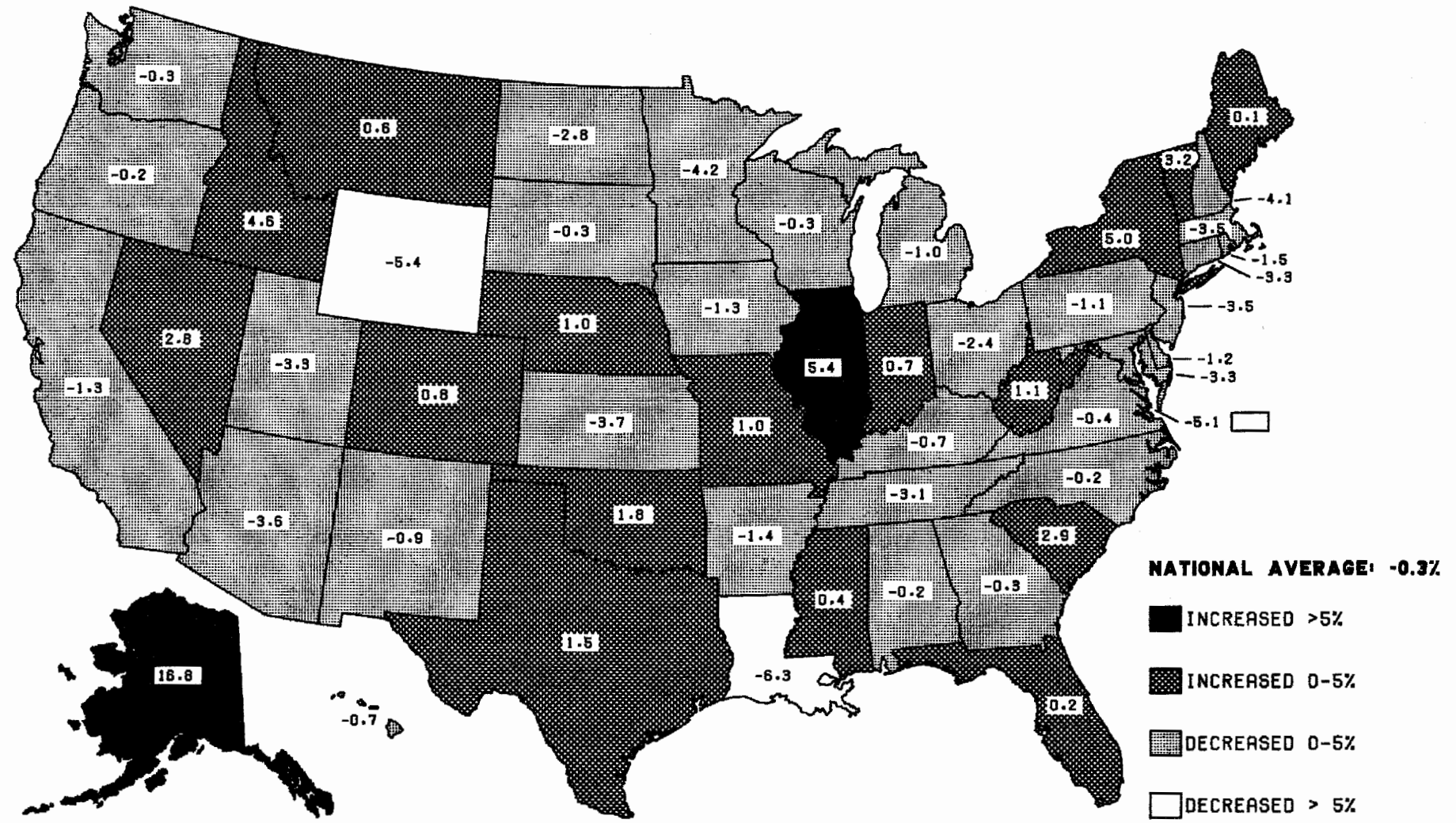
TABLE MF-336LA
OCTOBER 1991

STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	1989 CALLONAGE
ALABAMA	13,974	10,483	24,589	16,826	22,507	11,267	18,883	10,304	6,422	22,048	20,340	18,213	197,856	195,725
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	12
ARIZONA	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	62,004	-
ARKANSAS	28,155	25,876	30,978	29,052	28,267	36,968	31,558	37,059	48,421	57,541	60,382	64,559	479,716	369,185
CALIFORNIA	7,168	6,970	4,763	6,239	6,387	9,522	6,556	7,032	6,309	13,212	11,837	12,408	97,263	70,522
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTICUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	6,177	6,069	5,860	6,782	6,388	6,742	6,793	6,904	15,989	5,126	-1,690	6,418	77,558	333
FLORIDA	3,056	3,035	6,869	9,270	9,390	9,229	9,656	8,227	7,518	7,584	7,507	7,291	88,672	77,657
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	30,265
IDAHO	4,086	6,172	5,194	5,326	6,576	3,886	5,595	6,716	6,588	7,085	6,222	6,553	70,199	64,830
ILLINOIS	95,196	49,827	109,839	102,247	118,759	115,200	116,368	117,966	105,239	123,451	121,660	119,586	1,341,148	1,278,517
INDIANA	49,958	49,958	49,958	46,404	46,404	46,404	64,491	64,491	64,491	51,926	51,926	51,926	638,337	610,320
IOWA	30,331	28,024	29,782	34,474	31,971	27,530	34,416	30,032	25,321	36,912	28,857	36,257	374,897	385,991
KANSAS	7,079	7,042	6,071	7,284	6,664	5,972	5,939	5,496	4,746	5,137	4,929	5,692	73,971	98,844
KENTUCKY	20,954	32,955	34,322	31,586	31,429	25,997	33,622	29,471	26,770	34,405	20,517	35,207	358,957	403,859
KY. 1	1,979	4,593	3,147	1,361	2,341	2,476	2,845	2,232	3,890	4,409	3,674	9,199	38,780	52,698
LAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS	27,547	30,296	37,623	36,038	44,663	45,138	48,742	48,712	46,731	39,867	49,572	55,518	510,447	402,714
MICHIGAN	13,853	15,505	17,593	19,678	20,895	20,312	20,511	22,122	20,521	23,764	24,410	25,262	244,336	170,439
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	267,408	157,056
MISSOURI 2/	61	25	4	3	26	24	15	18	20	405	423	398	1,423	80
MONTANA	21,814	21,031	25,068	23,364	25,845	25,281	26,059	25,319	25,783	26,764	25,123	29,181	300,632	271,082
NEBRASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	5,561	5,601	4,632	2,600	2,829	2,146	3,764	2,973	2,837	4,347	5,674	6,103	49,167	37,342
NEW HAMPSHIRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	19,900	16,477	10,509	15,079	13,361	12,304	7,007	10,381	8,512	9,607	16,843	16,955	156,935	171,297
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	2,501	2,464	2,832	2,533	2,911	3,006	3,187	3,244	2,883	3,056	3,337	3,457	35,821	37,966
NORTH DAKOTA	75,788	75,788	87,771	86,766	92,493	94,854	91,686	98,256	86,885	94,254	91,089	93,530	1,072,040	958,123
OHIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	8,195	7,447	6,015	4,611	4,598	4,397	3,359	3,030	4,824	6,361	6,189	3,523	62,549	82,454
SOUTH DAKOTA	3,843	3,642	4,383	3,959	4,721	4,397	4,939	5,119	4,994	5,608	6,620	7,655	60,000	56,524
TENNESSEE	20,000	20,000	16,036	12,184	19,560	27,339	40,772	3,815	3,815	54,045	33,452	27,725	246,713	379,391
TEXAS	20,000	20,000	20,000	20,000	20,000	20,000	24,552	22,280	19,795	20,523	20,083	20,151	247,384	216,807
UTAH	42	33	50	42	42	58	34	42	41	25	42	34	485	472
VERMONT	20,546	17,747	18,667	9,480	13,050	14,589	10,202	11,649	9,437	11,924	12,446	11,365	161,202	251,793
VIRGINIA	5,449	5,414	6,883	6,833	7,802	7,526	8,441	8,210	7,568	8,450	7,903	7,168	86,647	84,169
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	1,732	3,769	7,398	6,886	4,703	7,720	10,390	7,559	7,027	11,134	5,591	9,052	82,961	47,820
WYDING	371	420	442	447	445	314	460	865	483	1,747	1,728	2,031	9,613	2,668
TOTAL	537,731	530,469	606,309	574,517	624,418	614,069	667,294	622,950	605,381	718,378	673,797	716,918	7,492,231	6,940,615

1/ THIS TABLE SHOWS GROSS GALLONS OF GASOLINE (ETHANOL BLENDS) REPORTED BY THE STATES. THE DATA ARE OBTAINED FROM STATE TAXATION REPORTS. IN STATES WHERE GASOLINE IS TAXED AT THE SAME RATE AS GASOLINE, SOME GASOLINE MAY BE COMBINED WITH GASOLINE DATA. 2/ ANNUAL GALLONAGE PROVIDED BY THE STATE AND DISTRIBUTED BY MONTH BY THE FEDERAL HIGHWAY ADMINISTRATION.

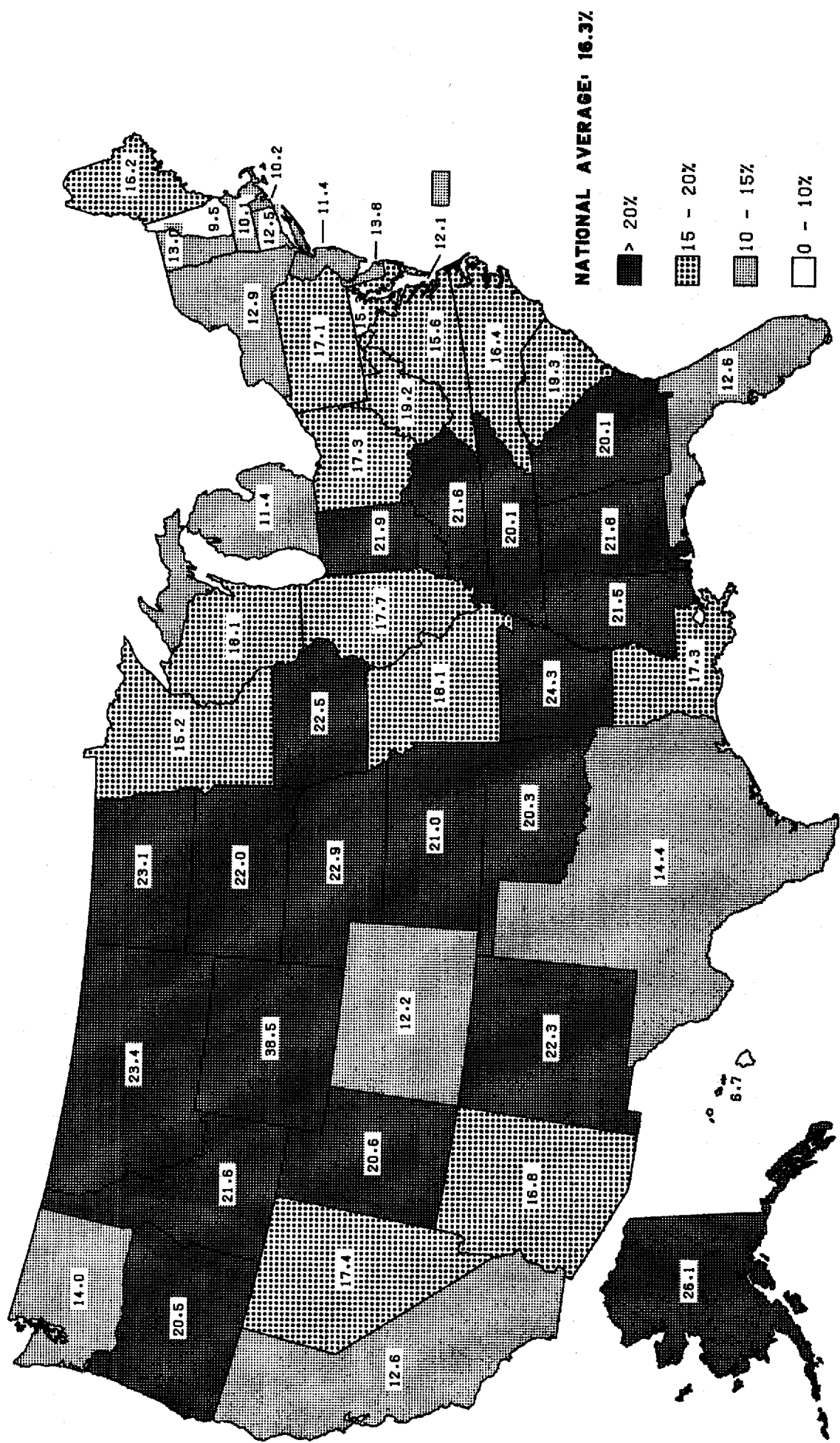
PERCENT CHANGE IN HIGHWAY USE OF GASOLINE

1989 - 1990

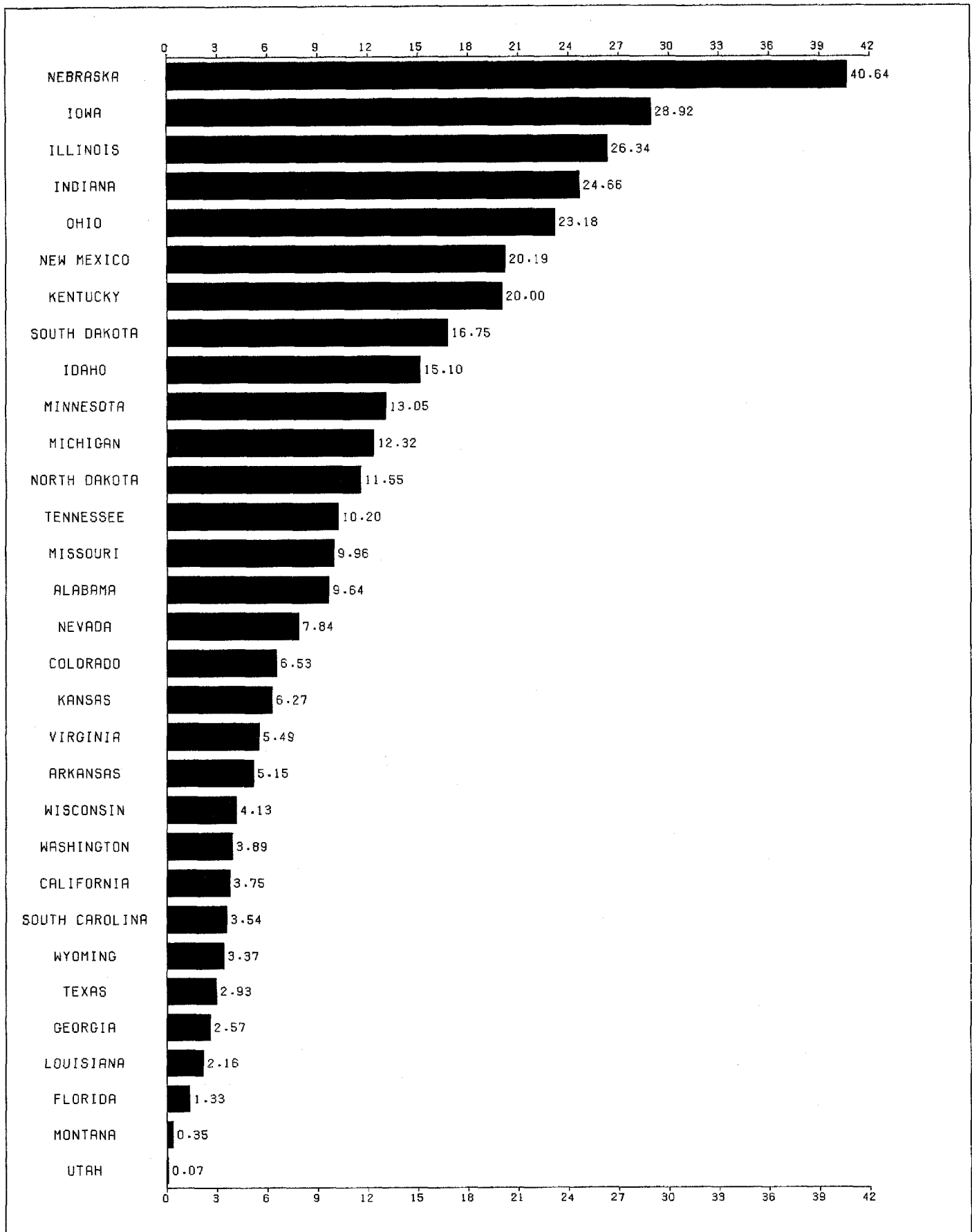


SPECIAL FUELS AS PERCENT OF TOTAL HIGHWAY USE OF MOTOR FUEL - 1990

Motor Fuel



GASOHOL AS A PERCENT OF HIGHWAY USE GASOLINE - 1990



MOTOR VEHICLES

VEHICLE REGISTRATIONS

The annual vehicle registration date varies among the States. Two States use the calendar year for registering all vehicles. Nine States use the calendar year for registering trucks only. Fifteen States register only their automobiles on a "staggered" basis and twenty-one register all of their vehicles in this manner. The "staggered" system permits a distribution of the renewal workload throughout all months. Most States allow preregistration or permit "grace periods" to better distribute the annual registration workload.

In order to present vehicle registration data uniformly for all States, the information is shown as nearly as possible on a calendar-year basis. Insofar as possible, the registrations reported exclude transfers and reregistrations and any other factors that could otherwise result in duplication in the vehicle counts.

Registration practices for commercial vehicles differ greatly among the States. Some States register a tractor-semitrailer combination as a single unit; others register the tractor and the semitrailer separately. For either, only the power units have been included in the truck count in table MV-1. Some States register buses with trucks or automobiles; many States do not report house and light utility trailers separately from commercial trailers or semitrailers; and some States do not require registration of car or light utility trailers. In some instances the Federal Highway Administration (FHWA) has supplemented the data supplied by the States with information obtained from other sources.

Motor-vehicle registrations are reported by major vehicle classes: automobiles, buses, trucks, and motorcycles. The truck category includes light trucks to the extent they can be identified and separated from automobiles. Data on trucks, buses, trailers, and semitrailers are given in tables MV-9, MV-10, and MV-11, respectively. Although the detail of motor-vehicle data has improved in recent years, it is not

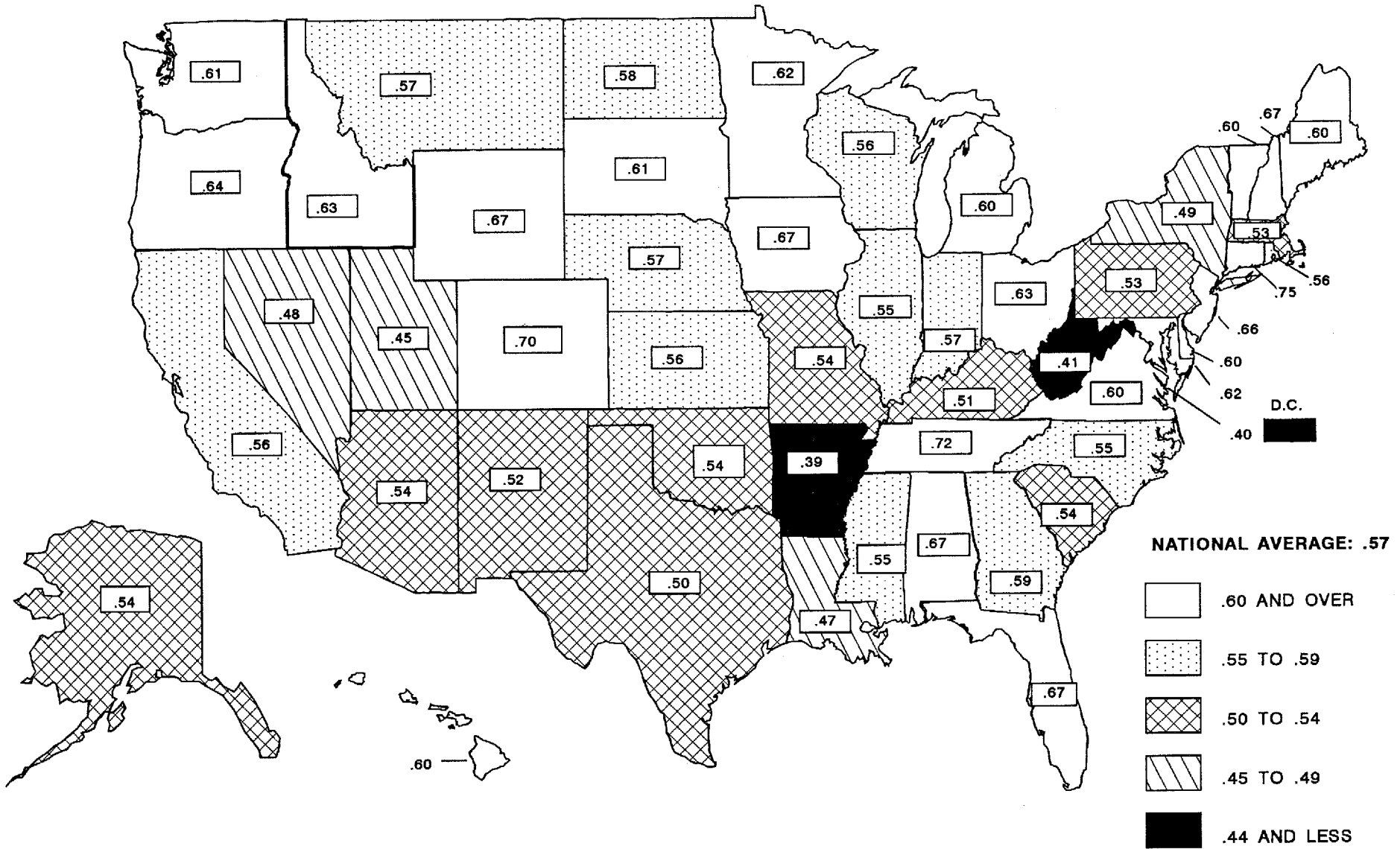
yet possible to obtain from all States separate data on single-unit trucks and combinations. Some States provide data for light trucks and truck tractors, but for many States, the FHWA estimates this information using other data sources, such as the Truck Inventory and Use Survey conducted by the Bureau of the Census. Table MV-9 contains a light truck column that includes pickup trucks, panel trucks, and delivery vans generally of 10,000 pounds or less gross vehicle weight.

Registrations of publicly owned motor vehicles are reported in table MV-7.

REGISTRATION TAXES AND FEES

Taxes and fees connected with State motor-vehicle registrations and special taxes on motor carriers are given in table MV-2, and the disposition of these taxes is given in table MV-3. These tables can be found in the highway finance section. The diversity of taxes and fees collected has made it necessary to group them into broad general classes, the most important being registration fees. The amounts shown are those collected solely as highway-user revenues and do not include any amounts, such as personal property levies, that are derived from taxes other than those incident to motor-vehicle ownership and operation. (Although portions of these revenues are later used in some States for nonhighway purposes, it is the source rather than the expenditure of the revenues that has determined their inclusion here.) Motor-vehicle registration fee schedules (table MV-103) and administrative provisions governing the disposition of State motor-vehicle and motor-carrier receipts (table MV-106) appear in a separate FHWA publication entitled *Highway Taxes and Fees, How They Are Collected and Distributed*. A comprehensive comparison of taxes and fees among the States for 14 selected vehicles can be found in the separate FHWA publication entitled *Road-User and Property Taxes on Selected Vehicles*.

PRIVATE AND COMMERCIAL AUTOMOBILES PER CAPITA - 1990



PUBLICLY OWNED VEHICLES - 1990¹

COMPILED FOR THE CALENDAR YEAR FROM REPORTS OF STATE AUTHORITIES AND OTHER SOURCES

TABLE MV-7
SEPTEMBER 1991

STATE	FEDERAL 1/						STATE, COUNTY, AND MUNICIPAL 2/						ALL PUBLICLY OWNED VEHICLES		
	MOTOR VEHICLES				TRAILERS AND SEMI-TRAILERS	MOTOR-CYCLES	MOTOR VEHICLES				TRAILERS AND SEMI-TRAILERS	MOTOR-CYCLES	TOTAL MOTOR VEHICLES	TOTAL TRAILERS	TOTAL MOTOR-CYCLES
	AUTO-MOBILES	BUSES	TRUCKS AND TRUCK TRACTORS	TOTAL			AUTO-MOBILES	BUSES	TRUCKS AND TRUCK TRACTORS	TOTAL					
ALABAMA	1,579	36	3,910	5,525	13	1	12,135	6,231	20,009	38,369	955	474	43,894	968	475
ALASKA	478	69	2,541	3,088	120	6	2,184	270	5,173	7,627	324	3	10,716	444	9
ARIZONA	2,112	347	7,344	9,803	87	33	13,028	2,619	8,078	23,725	3,503	704	33,528	3,590	737
ARKANSAS	880	27	2,188	3,095	5	3	8,174	4,021	7,993	20,188	262	16	23,283	267	19
CALIFORNIA	12,010	430	35,549	47,989	396	15	147,035	14,546	177,783	339,364	37,335	11,679	387,353	37,671	11,694
COLORADO	1,651	39	6,984	8,674	73	9	7,494	4,022	15,385	26,901	2,035	49	35,575	2,108	58
CONNECTICUT	837	11	3,478	4,326	11	-	9,966	749	19,096	29,811	2,491	290	34,137	2,502	290
DELAWARE	258	6	616	880	7	-	4,929	597	1,825	7,351	515	24	8,231	522	24
DIST. OF COL.	2,407	252	3,001	5,660	137	89	1,468	99	2,376	3,943	311	362	9,609	448	451
FLORIDA	4,478	191	11,913	16,582	166	9	78,354	31,808	107,929	218,091	25,985	6,307	234,673	26,151	5,316
GEORGIA	2,355	97	5,805	8,257	117	1	17,451	11,000	44,611	73,578	3,231	852	81,835	3,348	852
HAWAII	485	26	1,372	1,883	5	-	5,030	871	4,735	10,636	611	245	12,519	616	245
IDAHO	627	137	3,912	4,676	54	3	4,606	2,425	16,701	23,732	3,126	149	28,408	3,180	152
ILLINOIS	3,320	78	8,475	11,873	210	-	61,098	2,048	11,958	75,104	953	193	86,977	1,163	193
INDIANA	1,305	50	3,528	4,884	36	-	17,451	12,321	29,398	59,170	1,908	414	64,054	1,944	414
IOWA	653	12	2,614	3,279	18	-	9,516	7,722	22,031	39,269	2,821	166	42,548	2,839	166
KANSAS	753	11	2,518	3,282	21	-	6,344	2,212	14,235	22,791	830	291	26,073	851	291
KENTUCKY	1,486	145	3,474	5,115	55	1	20,589	8,000	43,714	72,303	694	92	77,418	749	93
LOUISIANA	1,534	23	3,839	5,396	23	-	22,991	4,657	13,955	41,603	2,171	407	46,999	2,194	407
MAINE	405	11	961	1,377	7	5	3,346	2,228	7,474	13,048	2,398	55	14,425	2,405	60
MARYLAND	2,430	139	5,455	8,024	93	6	9,550	4,295	14,237	28,082	364	142	36,106	457	148
MASSACHUSETTS	2,511	76	5,441	8,028	66	20	11,201	350	23,452	35,003	146	-	43,031	212	20
MICHIGAN	2,467	71	6,942	9,480	77	2	40,195	13,809	60,910	114,914	4,093	1,247	124,394	4,170	1,249
MINNESOTA	1,416	7	4,346	5,769	74	-	8,790	8,060	18,231	35,081	3,032	269	40,850	3,106	269
MISSISSIPPI	1,258	72	2,762	4,092	28	1	6,230	5,490	10,131	21,851	1,217	-	25,943	1,245	1
MISSOURI	2,872	33	3,757	6,662	113	1	4,249	7,532	11,038	22,819	368	36	29,481	481	37
MONTANA	829	18	3,921	4,768	48	2	4,056	1,245	8,598	13,898	2,001	80	18,667	2,049	82
NEBRASKA	1,011	9	2,169	3,189	11	-	6,278	3,556	11,889	24,123	600	201	27,312	611	201
NEVADA	1,077	130	5,043	6,250	43	1	8,214	116	7,418	15,748	1,102	441	21,998	1,145	442
NEW HAMPSHIRE	557	2	863	1,422	3	-	2,792	276	8,364	11,432	938	-	12,854	941	-
NEW JERSEY	2,089	59	8,058	10,178	145	5	53,122	3,000	72,033	128,156	100	1,212	138,333	245	1,212
NEW MEXICO	1,274	283	5,320	6,877	126	1	10,294	584	12,357	23,235	2,639	206	30,112	2,765	207
NEW YORK	7,861	203	14,263	22,327	321	11	66,464	12,630	57,217	136,311	4,223	987	158,638	4,544	998
NORTH CAROLINA	1,699	50	4,212	5,961	41	7	25,569	25,563	49,513	100,645	7,409	273	108,606	7,450	280
NORTH DAKOTA	559	61	1,499	2,119	8	3	2,693	1,683	6,178	10,454	597	60	12,573	605	63
OHIO	2,901	77	7,058	10,036	113	-	27,226	19,808	49,878	96,912	4,921	411	108,948	5,034	411
OKLAHOMA	1,412	126	3,801	5,339	31	6	8,038	11,272	33,115	52,425	1,608	286	57,764	1,639	282
OREGON	1,284	64	7,054	8,402	89	1	18,700	6,887	16,086	41,673	7,943	654	50,075	8,032	655
PENNSYLVANIA	4,732	113	9,937	14,782	185	4	34,081	6,531	43,008	83,620	3,563	938	98,402	3,748	942
RHODE ISLAND	223	5	866	1,094	7	-	2,715	5	4,622	7,342	760	94	8,436	767	94
SOUTH CAROLINA	1,480	30	3,823	5,333	29	-	7,172	9,419	16,888	33,479	961	191	38,812	990	191
SOUTH DAKOTA	524	109	2,071	2,704	27	2	1,920	1,260	9,134	12,214	1,198	54	14,918	1,225	56
TENNESSEE	3,135	73	7,456	10,664	64	14	14,289	10,555	35,306	60,250	285	165	70,914	349	179
TEXAS	5,884	231	18,078	24,193	164	8	142,410	45,974	183,420	371,804	28,286	3,825	395,997	28,460	3,893
UTAH	867	35	3,471	4,373	68	16	7,698	726	8,720	17,144	375	156	21,517	443	172
VERMONT	310	4	376	689	3	-	1,767	797	3,765	6,329	566	-	7,018	569	-
VIRGINIA	2,373	225	6,890	9,488	55	1	30,373	14,167	25,118	69,658	2,562	356	79,145	2,617	357
WASHINGTON	2,614	181	9,799	12,594	143	5	13,503	4,124	23,141	40,768	1,854	719	53,362	1,997	724
WEST VIRGINIA	820	41	1,558	2,419	8	1	17,991	2,761	34,870	56,622	4,512	733	58,041	4,520	734
WISCONSIN	1,032	22	3,713	4,767	26	-	10,901	4,182	32,852	47,935	1,490	620	52,702	1,515	620
WYOMING	362	10	2,272	2,644	80	7	4,845	1,440	4,875	11,160	1,692	52	13,804	1,772	59
TOTAL	99,467	4,551	276,293	380,311	3,789	295	1,058,931	346,943	1,470,817	2,876,691	183,854	36,180	3,257,002	187,643	36,475

1/ VEHICLES OF THE CIVILIAN BRANCHES OF THE FEDERAL GOVERNMENT ARE GIVEN IN THIS TABLE. VEHICLES OF THE MILITARY SERVICES ARE NOT INCLUDED. DISTRIBUTION BY STATE IS ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION.
2/ THIS INFORMATION, COMPILED CHIEFLY FROM REPORTS OF STATE AUTHORITIES, IS INCOMPLETE IN MANY CASES. SOME STATES GIVE STATE-OWNED VEHICLES ONLY; OTHERS EXCLUDE

FROM REGISTRATION CERTAIN CLASSES, SUCH AS FIRE APPARATUS AND POLICE VEHICLES. FOR THE STATES NOT REPORTING STATE, COUNTY, AND MUNICIPAL VEHICLES SEPARATELY FROM PRIVATE AND COMMERCIAL VEHICLES AND THOSE REPORTING UNSEGREGATED TOTALS ONLY, CLASSIFICATION BY VEHICLE TYPE HAS BEEN APPROXIMATED ON THE BASIS OF OTHER AVAILABLE DATA OR ESTIMATED.

TRUCK AND TRUCK-TRACTOR REGISTRATIONS - 1990 ¹

COMPILED FOR THE CALENDAR YEAR FROM REPORTS
OF STATE AUTHORITIES AND OTHER SOURCES

TABLE MV-9
SEPTEMBER 1991

STATE	PRIVATE AND COMMERCIAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL	TOTAL TRUCKS REGIS- TERED 1990	COMPARISON OF TOTAL TRUCK REGISTRATIONS, 1989-1990			PARTIAL CLASSIFICATION OF PRIVATE AND COMMERCIAL TRUCKS REGISTERED IN 1990 ^{2/}		
					TOTAL 1989 TRUCK REGIS- TRATIONS	INCREASE OR DECREASE 1990	PERCENT- AGE CHANGE	TRUCK TRACTORS ^{3/}	LIGHT TRUCKS ^{3/}	FARM TRUCKS ^{4/}
ALABAMA	979,278	3,910	20,009	1,003,191	944,391	58,800	6.2	38,444	899,178	17,640
ALASKA	165,346	2,541	5,173	173,060	131,017	42,043	32.1	2,638	156,322	422
ARIZONA	603,555	7,344	8,078	818,977	812,620	6,357	0.8	11,586	769,765	-
ARKANSAS	497,963	2,188	7,993	508,144	503,743	4,401	0.9	13,253	480,973	15,258
CALIFORNIA	4,700,566	35,549	177,783	4,913,898	4,913,899	-1	-0.0	70,941	3,773,407	-
COLORADO	827,357	6,984	15,385	849,726	858,496	-8,770	-1.0	6,073	749,748	97,191
CONNECTICUT	120,172	3,478	19,096	142,746	150,093	-7,347	-4.9	3,197	111,257	4/ -
DELAWARE	116,204	616	1,825	117,645	117,210	435	0.4	6,789	100,648	3,371
DIST. OF COL.	8,862	3,001	2,376	14,239	13,925	314	2.3	104	7,414	-
FLORIDA	2,098,266	11,913	107,929	2,218,108	2,197,933	20,175	0.9	60,186	1,736,399	-
GEORGIA	1,580,436	5,805	44,611	1,640,852	1,540,092	100,760	6.5	57,571	1,467,733	5/ -
HAWAII	89,194	1,372	4,735	95,301	90,963	4,338	4.8	1,412	84,424	-
IDAHO	392,850	3,912	16,701	413,463	418,917	-5,454	-1.3	6,397	361,007	-
ILLINOIS	1,535,981	8,475	11,958	1,556,414	1,567,762	-11,348	-0.7	68,771	1,245,841	31,006
INDIANA	1,114,768	3,528	29,398	1,147,694	1,124,998	22,696	2.0	44,798	948,717	43,609
IOWA	717,883	2,614	22,031	742,528	728,933	13,595	1.9	31,333	575,923	24,150
KANSAS	587,086	2,518	14,235	603,839	592,123	11,716	2.0	18,942	482,115	72,270
KENTUCKY	937,102	3,474	43,714	984,290	952,160	32,130	3.4	20,411	845,502	102,659
LOUISIANA	956,945	3,839	13,955	976,739	969,970	6,769	0.7	24,170	892,104	65,208
MAINE	223,502	961	7,474	231,937	218,885	13,052	6.0	6,581	192,567	6,210
MARYLAND	605,571	5,455	14,237	625,263	614,502	10,761	1.8	17,022	547,706	9,915
MASSACHUSETTS	462,106	5,441	23,452	490,999	488,207	2,792	0.6	16,352	418,132	8,366
MICHIGAN	1,505,623	6,942	60,910	1,573,475	1,539,124	34,351	2.2	51,883	1,294,559	58,995
MINNESOTA	729,109	4,346	18,231	751,686	702,622	49,064	7.0	24,571	549,554	43,641
MISSISSIPPI	419,766	2,762	10,131	432,659	431,263	1,396	0.3	8,066	391,788	5/ -
MISSOURI	1,118,203	3,757	11,038	1,132,998	1,106,498	26,500	2.4	37,269	984,299	87,326
MONTANA	311,016	3,921	8,598	323,535	297,966	25,569	8.6	10,791	271,088	75,234
NEBRASKA	452,074	2,169	11,889	466,132	460,456	5,676	1.2	22,476	354,231	148,239
NEVADA	247,108	5,043	7,418	259,569	243,107	16,462	6.8	3,705	218,458	-
NEW HAMPSHIRE	183,494	863	8,364	192,721	194,625	-1,904	-1.0	4,638	166,970	4/ 1,854
NEW JERSEY	374,778	8,056	72,033	454,867	464,181	-9,314	-2.0	23,502	328,198	4/ 4,664
NEW MEXICO	473,962	5,320	12,357	491,639	485,495	6,144	1.3	3,880	444,031	15,453
NEW YORK	1,260,901	14,263	57,217	1,332,381	1,284,612	47,769	3.7	14,929	1,130,855	4/ 49,556
NORTH CAROLINA	1,396,935	4,212	49,513	1,450,660	1,432,255	18,405	1.3	54,160	1,232,353	96,186
NORTH DAKOTA	248,458	1,499	6,178	256,135	259,554	-3,419	-1.3	7,139	184,000	41,068
OHIO	1,504,876	7,058	49,878	1,561,812	1,713,993	-152,181	-8.9	69,167	1,321,393	35,438
OKLAHOMA	888,221	3,801	33,115	925,137	886,805	38,332	4.3	11,936	796,729	128,563
OREGON	572,740	7,054	16,086	595,880	577,916	17,964	3.1	15,667	484,954	19,556
PENNSYLVANIA	1,503,563	9,937	43,008	1,556,508	1,531,428	25,080	1.6	53,091	1,207,455	4/ -
RHODE ISLAND	101,379	866	4,622	106,867	113,357	-6,490	-5.7	2,696	89,333	4/ -
SOUTH CAROLINA	607,689	3,823	16,888	628,400	614,608	13,792	2.2	14,129	559,257	24,114
SOUTH DAKOTA	265,733	2,071	9,134	276,938	286,232	-9,294	-3.2	7,535	236,232	-
TENNESSEE	834,861	7,456	35,306	877,413	850,748	26,665	3.1	32,562	775,150	39,975
TEXAS	3,822,877	18,078	183,420	4,024,375	3,942,874	81,501	2.1	124,496	3,604,460	183,054
UTAH	402,815	3,471	8,720	415,006	377,602	37,404	9.9	10,392	375,090	6,000
VERMONT	114,673	375	3,765	118,813	118,792	21	0.0	2,096	105,278	3,176
VIRGINIA	1,113,516	6,890	25,118	1,145,524	1,106,438	39,086	3.5	28,139	991,422	20,860
WASHINGTON	1,237,493	9,799	23,141	1,270,433	1,206,111	64,322	5.3	31,390	1,119,570	28,977
WEST VIRGINIA	431,974	1,558	34,870	468,402	443,517	24,885	5.6	6,216	398,320	2,707
WISCONSIN	865,988	3,713	32,852	902,553	789,464	113,089	14.3	23,115	754,778	135,716
WYOMING	210,130	2,272	4,875	217,277	197,367	19,910	10.1	13,508	162,891	-
TOTAL	42,731,738	276,293	1,470,817	44,478,848	43,609,849	868,999	2.0	1,240,309	37,379,578	1,747,627

1/ THE REGISTRATIONS GIVEN IN THIS TABLE ARE AS REPORTED BY THE STATES IN MOST INSTANCES, BUT HAVE BEEN SUPPLEMENTED IN SOME CASES BY ESTIMATES BASED ON DATA FROM OTHER SOURCES.

2/ IN THIS PARTIAL CLASSIFICATION A VEHICLE MAY BE INCLUDED MORE THAN ONCE; FOR INSTANCE, A TRUCK-TRACTOR IN FARM USE COULD APPEAR IN BOTH COLUMNS.

3/ THE FIGURES IN THESE COLUMNS MAY VARY SUBSTANTIALLY FROM THE NUMBERS SHOWN FOR PRIOR YEARS. THIS RESULTS FROM NEW INFORMATION, SUCH AS THE 1987 CENSUS OF TRANSPORTATION TRUCK INVENTORY AND USE SURVEY, AND CHANGES IN THE ESTIMATING PROCEDURES, AND IS NOT BECAUSE OF SUBSTANTIAL VEHICLE REGISTRATION CHANGES DURING 1989. WHERE DATA REPORTED BY THE STATES WERE INCOMPLETE FOR THESE VEHICLES, ESTIMATES WERE MADE BY THE FEDERAL HIGHWAY ADMINISTRATION. TRUCK TRACTORS MAY INCLUDE SOME LARGE TRUCKS USED REGULARLY IN COMBINATION WITH FULL TRAILERS. LIGHT TRUCKS INCLUDES PICKUPS, PANELS, AND DELIVERY VANS GENERALLY OF 10,000 POUNDS OR LESS GROSS VEHICLE WEIGHT.

4/ EXCEPT FOR GEORGIA AND MISSISSIPPI (FOOTNOTE 5), FARM REGISTRATIONS ARE SHOWN FOR ALL STATES THAT HAVE A SPECIAL "FARM" CLASSIFICATION. THE NUMBERS OF VEHICLES SHOWN DO NOT NECESSARILY REPRESENT THE TOTAL NUMBER OF REGISTERED VEHICLES USED ON THE FARM. THE FOLLOWING FARM TRUCKS, REGISTERED AT A NOMINAL FEE AND RESTRICTED TO USE IN THE VICINITY OF THE OWNER'S FARM, ARE NOT INCLUDED IN THIS TABLE; CONNECTICUT, 7,743; NEW HAMPSHIRE, 3,162; NEW JERSEY, 5,730; NEW YORK, 25,872; PENNSYLVANIA, 22,409; AND RHODE ISLAND, 1,010.

5/ ALTHOUGH GEORGIA AND MISSISSIPPI HAVE A SPECIAL "FARM" CLASSIFICATION, THEIR REGISTRATION REPORTS DO NOT SHOW A COMPLETE SEGREGATION OF FARM TRUCKS FROM PRIVATE CARRIERS.

BUS REGISTRATIONS - 1990

TABLE MV-10
SEPTEMBER 1991

STATE	PRIVATE AND COMMERCIAL 1/			PUBLICLY OWNED			TOTAL BUSES		
	COMMER- CIAL BUSES	SCHOOL AND OTHER 2/	TOTAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL (SCHOOL) 3/	TOTAL	TOTAL SCHOOL AND OTHER 2/	TOTAL COMMER- CIAL AND FEDERAL	GRAND TOTAL
ALABAMA	1,791	176	1,967	36	6,231	6,267	6,407	1,827	8,234
ALASKA	1,277	528	1,805	69	270	339	798	1,346	2,144
ARIZONA	1,209	224	1,433	347	2,619	2,966	2,843	1,556	4,399
ARKANSAS	43	1,088	1,131	27	4,021	4,048	5,109	70	5,179
CALIFORNIA	15,810	9,341	25,151	430	14,546	14,976	23,887	16,240	40,127
COLORADO	623	842	1,465	39	4,022	4,061	4,864	662	5,526
CONNECTICUT	2,601	5,355	7,956	11	749	760	6,104	2,612	8,716
DELAWARE	338	1,263	1,601	6	597	603	1,860	344	2,204
DIST. OF COL.	2,315	147	2,462	252	99	351	246	2,567	2,813
FLORIDA	3,699	1,148	4,847	191	31,808	31,999	32,956	3,890	36,846
GEORGIA	1,214	2,066	3,280	97	11,000	11,097	13,066	1,311	14,377
HAWAII	2,659	695	3,354	26	871	897	1,566	2,685	4,251
IDAHO	863	400	1,263	137	2,425	2,562	2,825	1,000	3,825
ILLINOIS	5,279	9,694	14,973	78	2,048	2,126	11,742	5,357	17,099
INDIANA	4,114	5,008	9,122	50	12,321	12,371	17,329	4,164	21,493
IOWA	1,077	266	1,343	12	7,722	7,734	7,988	1,089	9,077
KANSAS	378	1,170	1,548	11	2,212	2,223	3,382	389	3,771
KENTUCKY	1,169	713	1,882	145	8,000	8,145	8,713	1,314	10,027
LOUISIANA	873	14,313	15,186	23	4,657	4,680	18,970	896	19,866
MAINE	178	459	637	11	2,228	2,239	2,687	189	2,876
MARYLAND	2,547	3,956	6,503	139	4,295	4,434	8,251	2,686	10,937
MASSACHUSETTS	3,513	7,001	10,514	76	350	426	7,351	3,589	10,940
MICHIGAN	2,491	6,494	8,985	71	13,809	13,880	20,303	2,562	22,865
MINNESOTA	2,295	4,126	6,421	7	8,060	8,067	12,186	2,302	14,488
MISSISSIPPI	820	2,293	3,113	72	5,490	5,562	7,783	892	8,675
MISSOURI	1,096	3,202	4,298	33	7,532	7,565	10,734	1,129	11,863
MONTANA	413	679	1,092	18	1,245	1,263	1,924	431	2,355
NEBRASKA	494	567	1,061	9	3,956	3,965	4,523	503	5,026
NEVADA	1,347	164	1,511	130	116	246	280	1,477	1,757
NEW HAMPSHIRE	352	1,045	1,397	2	276	278	1,321	354	1,675
NEW JERSEY	5,392	9,559	14,951	53	3,000	3,053	12,559	5,445	18,004
NEW MEXICO	563	1,985	2,548	283	584	867	2,569	846	3,415
NEW YORK	12,686	6,937	19,623	203	12,630	12,833	19,567	12,889	32,456
NORTH CAROLINA	2,016	6,931	8,947	50	25,563	25,613	32,494	2,066	34,560
NORTH DAKOTA	91	426	517	61	1,583	1,644	2,009	152	2,161
OHIO	7,957	2,839	10,796	77	19,808	19,885	22,647	8,034	30,681
OKLAHOMA	355	1,444	1,799	126	11,272	11,398	12,716	481	13,197
OREGON	1,537	2,124	3,661	64	6,887	6,951	9,011	1,601	10,612
PENNSYLVANIA	7,952	16,245	24,197	113	6,531	6,644	22,776	8,065	30,841
RHODE ISLAND	293	1,304	1,597	5	5	10	1,309	298	1,607
SOUTH CAROLINA	853	3,527	4,380	30	9,419	9,449	12,946	883	13,829
SOUTH DAKOTA	307	387	694	109	1,260	1,369	1,647	416	2,063
TENNESSEE	1,775	1,364	3,139	73	10,655	10,728	12,019	1,848	13,867
TEXAS	2,962	12,119	15,081	231	45,974	46,205	58,093	3,193	61,286
UTAH	327	76	403	35	726	761	802	362	1,164
VERMONT	94	536	630	4	797	801	1,333	98	1,431
VIRGINIA	2,175	243	2,418	225	14,167	14,392	14,410	2,400	16,810
WASHINGTON	777	1,982	2,759	181	4,124	4,305	6,106	958	7,064
WEST VIRGINIA	917	64	981	41	2,761	2,802	2,825	958	3,783
WISCONSIN	1,430	6,678	8,108	22	4,182	4,204	10,860	1,452	12,312
WYOMING	838	125	963	10	1,440	1,450	1,565	848	2,413
TOTAL	114,175	161,318	275,493	4,551	346,943	351,494	508,261	118,726	626,987

1/ THE NUMBERS OF PRIVATE AND COMMERCIAL BUSES GIVEN HERE ARE ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION OF THE NUMBERS IN USE, RATHER THAN THE REGISTRATION COUNTS OF THE STATES.

2/ IN SOME INSTANCES CHURCH, INDUSTRIAL AND OTHER PRIVATE BUSES ARE INCLUDED HERE; AND IN OTHER INSTANCES PRIVATELY-OWNED SCHOOL BUSES COULD NOT BE SEGREGATED FROM COMMERCIAL BUSES, AND ARE INCLUDED WITH THE LATTER.

3/ THIS COLUMN CONSISTS PRIMARILY OF PUBLICLY OWNED SCHOOL BUSES BUT INCLUDES A FEW PRIVATELY OWNED SCHOOL, INSTITUTIONAL, AND INDUSTRIAL BUSES REGISTERED FREE OR AT A REDUCED RATE. MUNICIPALLY OWNED TRANSIT BUSES ARE INCLUDED WITH COMMERCIAL BUSES. THIS INFORMATION, COMPILED CHIEFLY FROM REPORTS OF STATE AUTHORITIES, IS INCOMPLETE IN MANY CASES.

TRAILER AND SEMITRAILER REGISTRATIONS - 1990¹COMPILED FOR THE CALENDAR YEAR FROM REPORTS
OF STATE AUTHORITIES AND OTHER SOURCESTABLE MV-11
SEPTEMBER 1991

STATE	PRIVATE AND COMMERCIAL				PUBLICLY OWNED			GRAND TOTAL
	COMMERCIAL TRAILERS 2/	LIGHT FARM TRAILERS, CAR TRAILERS, ETC. 3/	HOUSE TRAILERS 4/	TOTAL	BY FEDERAL GOVERNMENT	BY STATE, COUNTY, AND MUNICIPAL GOVERNMENT	TOTAL	
ALABAMA	47,866	43,780	23,292	114,938	13	955	968	115,906
ALASKA	14,175	-	56,832	71,007	120	324	444	71,451
ARIZONA	44,610	155,229	70,489	270,328	87	3,503	3,590	273,918
ARKANSAS	43,515	289,022	10,315	342,852	5	262	267	343,119
CALIFORNIA	423,334	916,706	364,065	1,704,105	336	37,335	37,671	1,741,776
COLORADO	62,578	187,731	79,045	329,354	73	2,035	2,108	331,462
CONNECTICUT	27,017	142,917	-	169,934	11	2,491	2,502	172,436
DELAWARE	16,816	26,738	-	43,554	7	515	522	44,076
DIST. OF COL.	96	1,028	-	1,124	137	311	448	1,572
FLORIDA	120,276	918,224	-	1,038,500	166	25,985	26,151	1,064,651
GEORGIA	110,753	369,137	26,053	505,943	117	3,231	3,348	509,291
HAWAII	3,912	15,745	-	19,657	5	611	616	20,273
IDAHO	13,498	90,507	32,582	136,587	54	3,126	3,180	139,767
ILLINOIS	109,949	347,113	69,914	526,976	210	953	1,163	528,139
INDIANA	59,290	227,503	60,987	347,780	36	1,808	1,944	349,724
IOWA	74,515	189,924	60,831	325,270	18	2,821	2,839	328,109
KANSAS	67,905	19,614	15,430	102,949	21	830	851	103,800
KENTUCKY	42,202	27,518	27,268	96,988	55	694	749	97,737
LOUISIANA	231,379	198,622	9,170	439,171	23	2,171	2,194	441,365
MAINE	459,100	114,209	-	573,309	7	2,398	2,405	575,714
MARYLAND	20,673	182,519	-	203,192	93	364	457	203,649
MASSACHUSETTS	32,704	141,210	-	173,914	66	146	212	174,126
MICHIGAN	86,598	610,882	98,090	795,570	77	4,093	4,170	799,740
MINNESOTA	134,105	503,129	78,645	715,879	74	3,032	3,106	718,985
MISSISSIPPI	26,345	60,238	8,879	95,462	28	1,217	1,245	96,707
MISSOURI	77,030	267,579	-	344,609	113	368	481	345,090
MONTANA	15,658	75,899	33,814	125,371	48	2,001	2,049	127,420
NEBRASKA	44,936	159,710	-	204,646	11	600	611	205,257
NEVADA	5,992	70,882	29,262	106,136	43	1,102	1,145	107,281
NEW HAMPSHIRE	9,027	84,901	-	93,928	3	938	941	94,869
NEW JERSEY	45,040	262,904	-	307,944	145	100	245	308,189
NEW MEXICO	18,158	38,733	75,212	132,103	126	2,639	2,765	134,868
NEW YORK	19,557	487,265	-	506,822	321	4,223	4,544	511,366
NORTH CAROLINA	81,032	431,399	3,184	515,615	41	7,409	7,450	523,065
NORTH DAKOTA	20,090	19,844	14,153	54,087	8	597	605	54,692
OHIO	145,052	343,017	92,551	580,620	113	4,921	5,034	585,654
OKLAHOMA	59,687	57,603	17,201	134,491	31	1,608	1,639	136,130
OREGON	40,798	123,316	131,355	295,469	89	7,943	8,032	303,501
PENNSYLVANIA	109,147	323,036	163,931	596,114	185	3,563	3,748	599,862
RHODE ISLAND	6,379	41,741	-	48,120	7	760	767	48,887
SOUTH CAROLINA	29,496	27,782	117	57,395	29	961	990	58,385
SOUTH DAKOTA	21,038	74,685	20,967	116,690	27	1,198	1,225	117,915
TENNESSEE	40,703	38,150	60	78,913	64	285	349	79,262
TEXAS	194,214	1,152,981	-	1,347,195	164	28,286	28,450	1,375,645
UTAH	12,550	59,601	41,849	114,000	68	375	443	114,443
VERMONT	3,328	55,157	-	58,485	3	556	559	59,044
VIRGINIA	71,425	146,322	62,563	280,310	55	2,562	2,617	282,927
WASHINGTON	142,125	320,597	86,674	549,396	143	1,854	1,997	551,393
WEST VIRGINIA	22,321	42,456	21,254	86,031	8	4,512	4,520	90,551
WISCONSIN	63,649	5,711	23,544	92,904	25	1,490	1,515	94,419
WYOMING	34,526	69,789	21,543	125,838	80	1,692	1,772	127,610
TOTAL	3,606,169	10,560,285	1,931,121	16,097,575	3,789	183,854	187,643	16,285,218

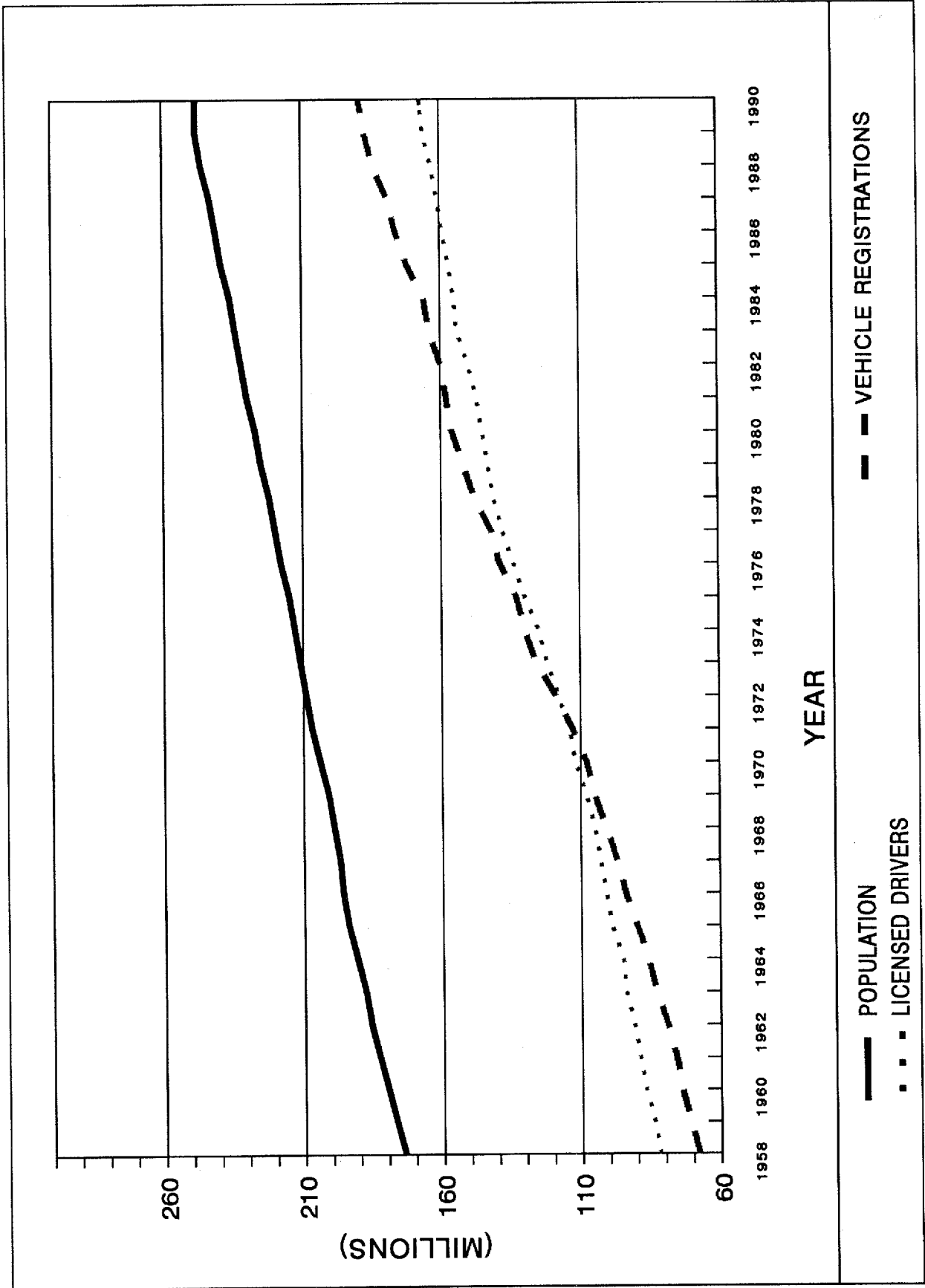
1/ THE COMPLETENESS OF DATA ON TRAILER REGISTRATIONS VARIES GREATLY. DATA ARE REPORTED TO THE EXTENT AVAILABLE AND IN SOME CASES ARE SUPPLEMENTED BY ESTIMATES OF THE FEDERAL HIGHWAY ADMINISTRATION.

2/ THIS COLUMN INCLUDES ALL COMMERCIAL TYPE TRAILERS AND SEMITRAILERS THAT ARE IN PRIVATE OR FOR-HIRE USE.

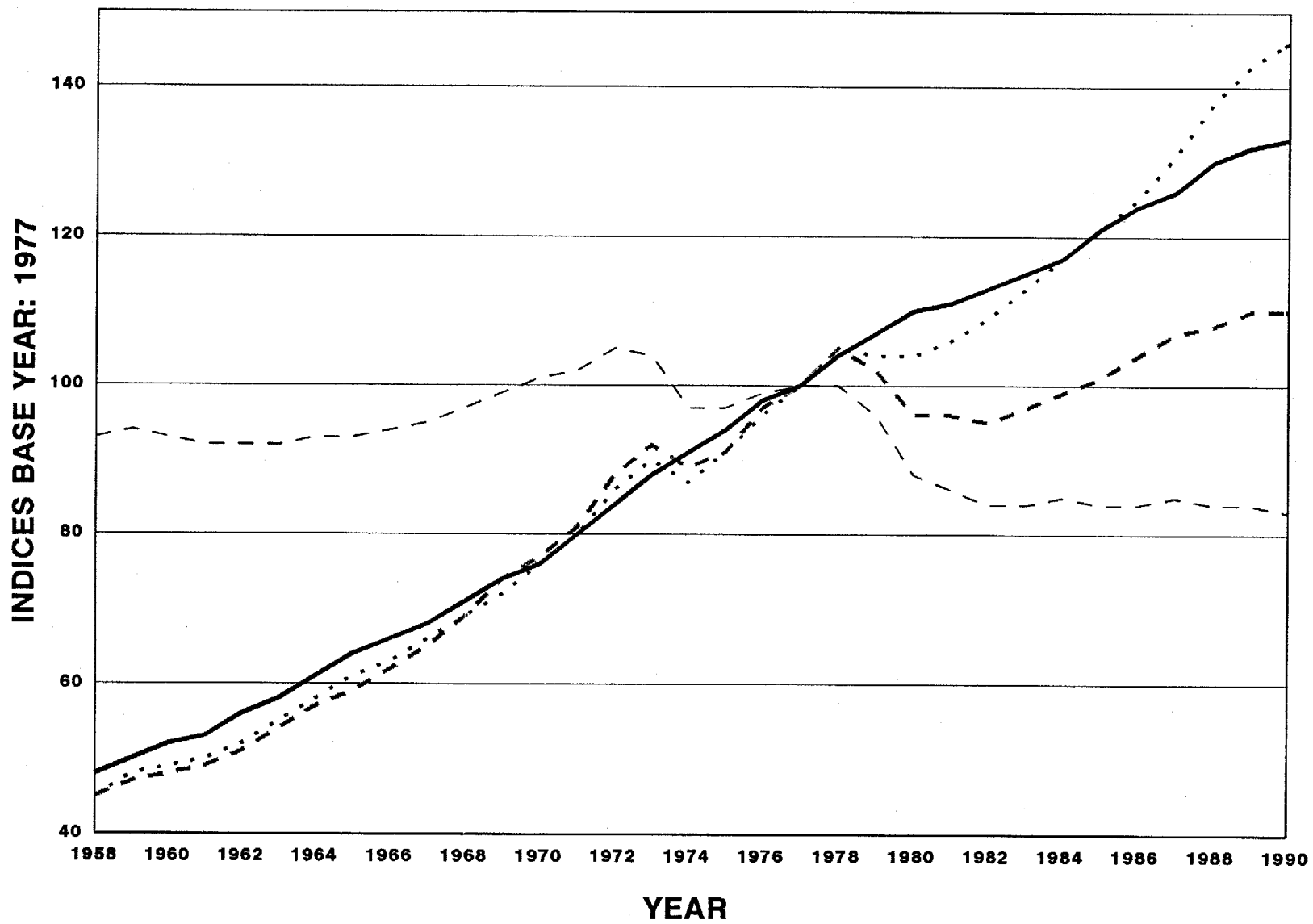
3/ SEVERAL STATES DO NOT REQUIRE THE REGISTRATION OF LIGHT FARM OR AUTOMOBILE TRAILERS.

4/ MOBILE HOMES AND HOUSE TRAILERS ARE SHOWN IN THIS COLUMN FOR STATES WHICH REQUIRE THEM TO BE REGISTERED AND ARE ABLE TO SEGREGATE THEM FROM OTHER TRAILERS. IN STATES WHERE THIS CLASSIFICATION IS NOT AVAILABLE, HOUSE TRAILERS ARE INCLUDED WITH LIGHT CAR TRAILERS.

LICENSED DRIVERS, VEHICLE REGISTRATIONS, AND RESIDENT POPULATION



VEHICLE REGISTRATIONS, FUEL CONSUMPTION AND VEHICLE-MILES OF TRAVEL AS INDICES



- - - MOTOR FUEL CONSUMPTION
 - . - . GALLONS PER VEHICLE

——— VEHICLE REGISTRATIONS
 VEHICLE-MILES OF TRAVEL

DRIVER LICENSING

Each State and the District of Columbia administers its own driver licensing system. Since 1954 all States have required drivers to be licensed, and since 1959 all States have required examination prior to licensing. Tests of knowledge of State driving laws and practices, vision, and driving proficiency are now required for new licensees. A summary of State driver licensing requirements is given in a separate publication, *Driver License Administration Requirements and Fees*, published biennially.

LICENSES ISSUED AND IN FORCE

Table DL-1 shows the number of learner permits and driver licenses issued by each State during the calendar year, length of term, renewal date, fees, and the number of driver licenses in force by class at the end of the year. The trend toward "classified" driver licensing continues, with 36 States issuing licenses that specify the type or types of vehicles the driver is authorized to operate.

MALE-FEMALE DRIVER RATIOS

Table DL-1A lists the numbers of male and female licensed drivers in each State. The distribution of total

U.S. licensed drivers, by sex and age group, is shown in table DL-20. DL-22 displays the number of drivers by sex and age for each State.

LICENSED DRIVERS AND POPULATION

Table DL-1B shows the relationship of licensed drivers to total population and to driving-age (age 16 and over) population. Since there will always be persons of driving age who will not be licensed, by choice, or because of physical or mental infirmities, the relationships shown normally could never reach 1,000. However the following conditions can make the relationships higher than expected: (1) Although efforts are made to minimize it, drivers who move from one State to another are sometimes counted in both States until the license from the previous State of residence expires; (2) Some persons obtain their driver licenses in States other than those of legal residence; and (3) Some persons fraudulently obtain multiple licenses. Some State authorities doubt whether all persons who drive are licensed. Where this problem exists, those that are unlicensed would partially offset any duplicate licenses issued and inactive licenses. The degree to which this occurs is unknown.

MOTOR-VEHICLE DRIVER LICENSES - 1990¹

COMPILED FROM THE CALENDAR YEAR
REPORTS OF STATE AUTHORITIES

TABLE DL-1
SHEET 1 OF 5
SEPTEMBER 1991

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
ALABAMA 4/	LEARNER PERMITS CLASS A CLASS B CLASS C CLASS D CLASS M SCHOOL BUS	N.A. 1,051 306 68 688,467 220 236	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE	-- \$43.50 \$33.50 \$13.50 \$13.50 \$13.50 \$13.50	--
ALASKA	LEARNER PERMITS BASIC MOTORSCOOTER SCHOOL BUS	11,882 106,296 70 1,500	2 YEARS 5 YEARS 5 YEARS 1 YEAR	-- BIRTHDAY BIRTHDAY ISSUANCE	\$3.00 \$10.00 \$10.00 \$3.00	--
ARIZONA*	LEARNER PERMITS OPERATOR OPERATOR WITH MOTORCYCLE CHAUFFEUR CHAUFFEUR WITH MOTORCYCLE MOTORCYCLE	56,199 540,345 9,022	6 MONTHS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$7.00 \$7.00 \$14.00 \$12.50/\$25	--
ARKANSAS*	LEARNER PERMITS OPERATOR A OPERATOR B CHAUFFEUR A CHAUFFEUR B MOTORCYCLE	12,757 551,241 115,863 71,545 3,449 328	60/90 DAYS 2 YEARS 4 YEARS 2 YEARS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE ISSUANCE ISSUANCE BIRTHDAY	-- \$6.25 \$12.50 \$10.00 \$20.00 \$12.00	-- 1,102,482 462,653 143,091 13,795 1,315
CALIFORNIA*	LEARNER PERMITS CLASS (1 + A) CLASS (2 + B) CLASS (3 + C) CLASS (4 + M) OTHER + CLASS (4 + M)	N.A. 96,020 56,782 3,845,751 1,798 168,412	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	--	-- 371,855 197,436 19,269,853 6,761
COLORADO* 5/	LEARNER PERMITS CLASS A CLASS B CLASS C CLASS M	63,517 24,699 3,557 499,577 8,150	90-180 DAYS 2, 3, 5 YEARS 2, 3, 5 YEARS 2, 3, 5 YEARS 2, 3, 5 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$15.00 \$15.00 \$15.00 \$15.00 \$15.00	-- 99,290 15,118 1,899,175 29,420
CONNECTICUT* 6/	LEARNER PERMITS CLASS 1 CLASS 2 CLASS 3 PUBLIC SERVICE	N.A.	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	--	-- 42,695 59,280 2,097,253 14,945
DELAWARE*	LEARNER PERMITS NEW APPLICANTS CLASS A RENEWAL CLASS B RENEWAL CLASS C RENEWAL PERMANENT CLASS A PERMANENT CLASS B & C PERMANENT LICENSE RENEWALS COMMERCIAL DRIVER LICENSE	N.A. 33,741 75,294 3,567 Included in B3 Included in B3 10 25,314 2,674	-- 4 & 5 YEARS 4 & 5 YEARS 4 & 5 YEARS 4 & 5 YEARS 5 YEARS 5 YEARS 5 YEARS 5 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$13.00 \$10/\$12.50 \$10/\$12.50 \$10/\$12.50 \$10/\$12.50 \$35.00 \$35.00 \$1.00 \$30.00	--
DISTRICT OF COLUMBIA	LEARNER PERMITS NEW RENEWAL	34,998 29,795 61,762	60 DAYS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE	\$7.00	--
FLORIDA 7/	LEARNER PERMITS OPERATOR--ORIGINAL CHAUFFEUR--ORIGINAL	N.A. 1,199,877 179,277	-- 4 & 6 YEARS 4 & 6 YEARS	-- BIRTHDAY BIRTHDAY	-- \$19/\$18 \$19.00	-- 9,012,464 1,271,857
GEORGIA*	LEARNER PERMITS CLASS A CLASS B CLASS C CLASS M VETERANS (ALL CLASSES) CDL-CLASS A, B, & C	134,267 4,599 2,415 1,187,021 51,224 86,974 22,821	6 MONTHS/1 YEAR 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$1.50 \$8.50 \$8.50 \$4.50 \$4.50 \$15/\$8.50	-- 145,856 78,587 4,255,817 183,852
HAWAII*	LEARNER PERMITS ORIGINAL RENEWAL RELICENSE	66,775 42,395 151,191 13,627	90 DAYS 2 & 4 YEARS 2 & 4 YEARS 2 & 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY	\$3.00 \$5.50/\$8.50	--
IDAHO 8/	LEARNER PERMITS OPERATOR COMMERCIAL	8,691 275,682 2,346	120 DAYS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY	\$30.00 \$19.50 \$23.50	-- 703,009 3,421
ILLINOIS*	LEARNER PERMITS CLASS D CLASS C CLASS B CLASS A CLASS L CLASS M	91,760 1,778,076 31,275 13,399 8,957 51 82	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$20.00	--

MOTOR-VEHICLE DRIVER LICENSES - 1990¹TABLE DL-1
SHEET 2 OF 5
SEPTEMBER 1991COMPILED FROM THE CALENDAR YEAR
REPORTS OF STATE AUTHORITIES

STATE 2/	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
INDIANA	LEARNER PERMITS	126,988	1 YEAR	--	\$2/\$10	--
	OPERATOR	894,514	4 YEARS		\$8/\$25/\$15	
	PUBLIC PASSENGER CHAUFFEUR	12,953	2 YEARS		\$4.00	
	OPERATOR (AGED PERSONS)	56,466	3 YEARS		\$3.00	
	CHAUFFEUR	42,419	4 YEARS		\$8.00	
	MOTORCYCLE	39	4 YEARS		\$6.00	
IOWA*	LEARNER PERMITS	44,943	8 MONTHS/2 YEARS	--	\$8/\$8/\$12	--
	CLASS A--COMMERCIAL	1,331	2 & 4 YEARS	BIRTHDAY	\$16/\$32	3,148
	CLASS B--COMMERCIAL	491	2 & 4 YEARS	BIRTHDAY	\$18/\$32	1,032
	CLASS C--COMMERCIAL	25	2 & 4 YEARS	BIRTHDAY	\$18/\$32	71
	CLASS C--NON-COMMERCIAL	209,791	2 & 4 YEARS	BIRTHDAY	\$8/\$16	266,442
	CLASS D--CHAUFFEUR	30,457	2 & 4 YEARS	BIRTHDAY	\$16/\$32/\$15/\$30	236,183
	CLASS M	5	2 & 4 YEARS	BIRTHDAY	\$10/\$20	5
	OPERATOR	133,300	2 & 4 YEARS	BIRTHDAY	\$8/\$16	1,365,632
	MOPED	5,009	2 YEARS	BIRTHDAY	\$8/\$10	9,024
	KANSAS* 9/	LEARNER PERMITS	25,485	6-9 MONTHS	--	\$2.00
CLASS A		26,806	48-59 MONTHS	BIRTHDAY	\$12.00	78,762
CLASS B		10,962	48-59 MONTHS	BIRTHDAY	\$12.00	22,284
CLASS C		522,790	48-59 MONTHS	BIRTHDAY	\$6.00	1,412,781
CLASS D		94	48-59 MONTHS	BIRTHDAY	\$5.00	219
CLASS AD		17,787	48-59 MONTHS	BIRTHDAY	\$17.00	52,588
CLASS BD		4,168	48-59 MONTHS	BIRTHDAY	\$17.00	10,087
CLASS CD		56,262	48-59 MONTHS	BIRTHDAY	\$13.00	160,655
KENTUCKY 10/		LEARNER PERMITS	136,786	6 MONTHS	--	\$2.00
	OPERATOR	687,202	1-5 YEARS	BIRTHDAY	\$2 PER YEAR	2,401,661
	MOTORCYCLE	24,249	1-5 YEARS	BIRTHDAY	VARIOUS	86,839
	MOPED	49	1-5 YEARS	BIRTHDAY	\$2 PER YEAR	142
	CHAUFFEUR	42,436	1-48 MONTHS	BIRTHDAY	\$2 PER YEAR	117,015
LOUISIANA*	LEARNER PERMITS	540	1 YEAR	--	\$10.00	--
	STATE LICENSES	598,967	2 & 4 YEARS	BIRTHDAY	\$3.50/\$10	
	NEW ORLEANS DRIVER LICENSE	59,381	2 & 4 YEARS	BIRTHDAY	\$3.50/\$10	
	STATE CHAUFFEUR	80,530	2 & 4 YEARS	BIRTHDAY	\$9/\$22	
	NEW ORLEANS CHAUFFEUR	5,193	2 & 4 YEARS	BIRTHDAY	\$11/\$28	
	MOTORCYCLE	2,360	2 & 4 YEARS	BIRTHDAY	\$3.50/\$8	
	COMMERCIAL--STATE	1,439	4 YEARS	BIRTHDAY	\$40.00	
	COMMERCIAL--NEW ORLEANS	127	4 YEARS	BIRTHDAY	\$50.00	
	COMMERCIAL--NEW ORLEANS	1,118	4 YEARS	BIRTHDAY	\$40.00	
	COMMERCIAL--STATE, A, B, C	27	4 YEARS	BIRTHDAY	\$50.00	
	MAINE*	LEARNER PERMITS	N.A.	1 YEAR	--	\$10/\$35
CLASS A			4 YEARS	BIRTHDAY	\$18.00	36,169
CLASS B			4 YEARS	BIRTHDAY	\$18.00	30,994
CLASS C			4 YEARS	BIRTHDAY	\$18.00	819,924
MARYLAND*	LEARNER PERMITS	107,292	180 DAYS	--	\$22.00	--
	CLASS A	1,474	4 YEARS	BIRTHDAY	\$20.00	12,134
	CLASS B	2,222	4 YEARS	BIRTHDAY	\$20.00	12,488
	CLASS C	64	4 YEARS	BIRTHDAY	\$20.00	215
	CLASS AM	15	4 YEARS	BIRTHDAY	\$40.00	5,746
	CLASS BM	6	4 YEARS	BIRTHDAY	\$40.00	2,988
	CLASS CM		4 YEARS	BIRTHDAY	\$40.00	31
	NON-COMMERCIAL CLASS A	212	4 YEARS	BIRTHDAY	\$20.00	45,187
	NON-COMMERCIAL CLASS B	198	4 YEARS	BIRTHDAY	\$20.00	75,745
	NON-COMMERCIAL CLASS C	211,423	4 YEARS	BIRTHDAY	\$20.00	2,822,358
	NON-COMMERCIAL CLASS M	5,139	4 YEARS	BIRTHDAY	\$20.00	7,658
	NON-COMMERCIAL CLASS AM	2	4 YEARS	BIRTHDAY	\$40.00	13,898
	NON-COMMERCIAL CLASS BM	1	4 YEARS	BIRTHDAY	\$40.00	15,678
	NON-COMMERCIAL CLASS CM	1,378	4 YEARS	BIRTHDAY	\$40.00	140,033
	NON-COMMERCIAL CLASS MOPEDS	184	4 YEARS	BIRTHDAY	\$4.00	2,368
	MASSACHUSETTS* 11/	LEARNER PERMITS	199,712	1 YEAR	--	\$15.00
ORIGINAL		1,331,158	4 YEARS	BIRTHDAY	\$50/\$40/\$10	
SCHOOL BUS		2,138	1 YEAR	ISSUANCE	\$15.00	
SCHOOL PUPIL		6,082	1 YEAR	ISSUANCE	\$15.00	
MICHIGAN* 12/	LEARNER PERMITS	97,897	--	--	\$12/\$7.50/\$6/\$5	--
	OPERATOR/MOPED/MINOR RESTRICTED	1,474,750	2-4 YEARS	BIRTHDAY	\$12/\$8/\$7.50/\$6/\$5	
	CHAUFFEUR	103,587	2-4 YEARS	BIRTHDAY	\$10/\$20	
	MINOR RESTRICTED	88			\$5.00	
	'90-DAY EXTENSION	5,303	90 DAYS		\$5.00	
	MOTORCYCLE	99,395	2-4 YEARS	BIRTHDAY	\$4/\$5/\$6/\$7.50	--
	ORIGINAL CDL GROUP	392	2 YEARS	BIRTHDAY	\$20.00	
	CDL ORIGINAL GROUP--OPERATOR	5,504	2 YEARS	BIRTHDAY	\$20.00	
	CDL ORIGINAL GROUP--CHAUFFEUR	2,208	4 YEARS	BIRTHDAY	\$20.00	
	CDL RENEWAL GROUP	13,516	2-4 YEARS	BIRTHDAY	\$20.00	

MOTOR-VEHICLE DRIVER LICENSES - 1990¹

TABLE DL-1
SHEET 3 OF 5
SEPTEMBER 1991

COMPILED FROM THE CALENDAR YEAR
REPORTS OF STATE AUTHORITIES

STATE 2/	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
MINNESOTA*	LEARNER PERMITS	88,852	--	--	\$5.00	--
	COMMERCIAL A	28,918	4 YEARS	BIRTHDAY	\$33.00	115,385
	COMMERCIAL B	18,202	4 YEARS	BIRTHDAY	\$25.00	82,568
	COMMERCIAL C	108	4 YEARS	BIRTHDAY	\$18.00	237
	CLASS C	643,242	4 YEARS	BIRTHDAY	\$14.00	2,127,019
	A PROVISIONAL	315		21 BIRTHDAY	\$9.00	390
	B PROVISIONAL	488		21 BIRTHDAY	\$21.50	747
	C PROVISIONAL	84,784		21 BIRTHDAY	14	203,755
	SCHOOL BUS	58,270	1 YEAR	BIRTHDAY	\$2.50	23,321
MOPED (INCLUDES PROV.)	35	4 YEARS	BIRTHDAY	\$14/\$8	58	
MOTORCYCLES	78,015	4 YEARS	BIRTHDAY	\$7.50/\$6	292,064	
MISSISSIPPI	LEARNER PERMITS	80,541	80 DAYS	--	\$1/\$10	--
	REGULAR	381,524	4 YEARS	BIRTHDAY	\$13.00	
	COMMERCIAL	31,427	4 YEARS	BIRTHDAY	\$21.00	
	MOTORCYCLE	45	4 YEARS	BIRTHDAY	\$13.00	
	CDL LICENSE	5,158	4 YEARS	BIRTHDAY	\$40.00	
MISSOURI 13/	LEARNER PERMITS	85,881	6 MONTHS	--	\$1/\$5	--
	OPERATOR	978,408	3 YEARS	ISSUANCE	\$7.50	
	CHAUFFEUR	146,517	3 YEARS	ISSUANCE	\$15.00	
	MOTORCYCLE	73	3 YEARS	ISSUANCE	\$7.50	
	COMMERCIAL	32,188	3 YEARS	ISSUANCE	\$23.00	
	RENEWAL CDL	30,387	3 YEARS	ISSUANCE	\$23.00	
MONTANA	LEARNER PERMITS	N.A.	--	--	--	--
	OPERATOR	170,807	4 YEARS	BIRTHDAY	\$12.00	
	TYPE I-INTERSTATE	4,208	4 YEARS	BIRTHDAY	\$24.00	
	TYPE II-INTRASTATE	3,378	4 YEARS	BIRTHDAY	\$18.00	
MOTORCYCLE	10		BIRTHDAY	\$2.00		
NEBRASKA*	LEARNER PERMITS	28,172	2 MONTHS/1 YEAR	--	\$3.00	--
	REGULAR	319,054	1 & 4 YEARS		\$3.50/\$10	
	MOTORCYCLE	13,088	1 & 4 YEARS		\$3.50/\$10	
	"CC" TRUCK PERMIT	8,355	1 & 4 YEARS		\$3.50/\$10	
	CDL LICENSE	8,070	1 & 4 YEARS		\$3.50/\$10	
	SCHOOL PERMIT	4,494	1 YEAR		\$3.00	
	FARM HUSBANDARY	180	6 MONTHS/1 YEAR		\$5.00	
	SCHOOL BUS	3,885	1 YEAR			
NEVADA*	LEARNER PERMITS	30,385	8 MONTHS	--	\$9/\$4	--
	CLASS 1	4,720	4 YEARS	BIRTHDAY	\$9/\$4/\$55/\$85	19,884
	CLASS 2	1,240	4 YEARS	BIRTHDAY	\$9/\$4/\$55/\$85	5,171
	CLASS 3	264,799	4 YEARS	BIRTHDAY	\$9/\$4	823,330
	CLASS 4	183	4 YEARS	BIRTHDAY	\$9/\$4	214
	CLASS 6		4 YEARS	BIRTHDAY	\$9/\$4	23
NEW HAMPSHIRE*	LEARNER PERMITS	N.A.	--	--	--	--
	OPERATOR	69,289	4 YEARS	BIRTHDAY	\$30.00	69,289
	COMMERCIAL	5,738	4 YEARS	BIRTHDAY	\$30.00	5,738
	MOTORCYCLE	5,271	4 YEARS	BIRTHDAY	\$30.00	5,271
	MOPED	20	4 YEARS	BIRTHDAY	\$8.00	20
RENEWALS	208,483	4 YEARS	BIRTHDAY	\$30.00	208,483	
NEW JERSEY*	LEARNER PERMITS	489,083				
	OPERATOR	3,355,185				
NEW MEXICO* 14/	LEARNER PERMITS	26,808	80 DAYS	--	\$2.00	--
	OPERATOR	287,922	4 YEARS	BIRTHDAY	\$10.00	978,012
	CHAUFFEUR	18,742	4 YEARS	BIRTHDAY	\$10.00	87,805
	MOTORCYCLE	330	4 YEARS	BIRTHDAY	\$10.00	933
	LIMITED LICENSE	463	4 YEARS	BIRTHDAY	\$45.00	814
NEW YORK* 15/	LEARNER PERMITS	833,112	1 YEAR	--	\$9.00	--
	ORIGINAL	444,000	43-54 MOS.	BIRTHDAY		
	RENEWAL	2,269,577	48 MONTHS	BIRTHDAY		
NORTH CAROLINA*	LEARNER PERMITS	111,894	18 MONTHS	--	\$5.00	--
	CLASS A	28,828	4 YEARS	BIRTHDAY	\$15.00	29,882
	CLASS B	22,933	4 YEARS	BIRTHDAY	\$15.00	25,528
	CLASS C	1,105,414	4 YEARS	BIRTHDAY	\$10.00	1,105,815
NORTH DAKOTA*	LEARNER PERMITS	12,282	8 MONTHS/1 YEAR	--	\$10.00/\$15.00	--
	CLASS A, B, C	9,047	4 YEARS	BIRTHDAY	\$15.00	
	CLASS D, M	96,750	4 YEARS	BIRTHDAY	\$10.00	
	CLASS 1		4 YEARS	BIRTHDAY		14,293
	CLASS 2		4 YEARS	BIRTHDAY		8,378
	CLASS 3		4 YEARS	BIRTHDAY		200,555
	CLASS 4		4 YEARS	BIRTHDAY		18,571
	CLASS A		4 YEARS	BIRTHDAY		11,277
	CLASS B		4 YEARS	BIRTHDAY		3,958
	CLASS C		4 YEARS	BIRTHDAY		2,934
	CLASS D		4 YEARS	BIRTHDAY		189,298
	CLASS M		4 YEARS	BIRTHDAY		17,806

MOTOR-VEHICLE DRIVER LICENSES - 1990¹TABLE DL-1
SHEET 4 OF 5
SEPTEMBER 1991COMPILED FROM THE CALENDAR YEAR
REPORTS OF STATE AUTHORITIES

STATE 2/	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
OHIO	LEARNER PERMITS	387,960	6 MONTHS	--	\$3.00	--
	OPERATOR, MOTORCYCLE, & RESTRICTED	2,129,178	4 YEARS	BIRTHDAY	\$5.00	
	COMMERCIAL	86,085	4 YEARS	BIRTHDAY	\$5.00	
	MOPEDS	965	4 YEARS	BIRTHDAY	\$4.00	
OKLAHOMA	LEARNER PERMITS	58,854	4 YEARS	--	\$18.00	--
	OPERATOR	549,149	2 & 4 YEARS	BIRTHDAY	\$18/\$7/\$14	1,873,863
	CLASS D		4 YEARS	BIRTHDAY	\$15/\$11.25/\$7.50/\$3.75	96,181
	CHAUFFEUR	10,527	4 YEARS	BIRTHDAY	\$26/\$11/\$22	314,776
	COMMERCIAL CHAUFFEUR COMMERCIAL DRIVER LICENSE	73,836	2 & 4 YEARS	BIRTHDAY	\$26/\$11/\$22 \$35/\$25	4,177
OREGON*	LEARNER PERMITS	53,313	1 YEAR	--	\$13.00	--
	ORIGINAL C1 A COMMERCIAL	14,191	4 YEARS	BIRTHDAY	\$22/\$32	12,718
	ORIGINAL C1 B COMMERCIAL	4,842	4 YEARS	BIRTHDAY		7,427
	ORIGINAL C1 C COMMERCIAL	272	4 YEARS	BIRTHDAY		209
	CLASS C ORIGINAL	122,648	4 YEARS	BIRTHDAY		338,564
	CLASS 1 RENEWAL	2,349	4 YEARS	BIRTHDAY	\$15/\$16	37,684
	CLASS 2 RENEWAL	423	4 YEARS	BIRTHDAY	\$15/\$16	6,393
	CLASS 3 RENEWAL	4,075	4 YEARS	BIRTHDAY	\$15/\$16	57,943
	CLASS 4 & C	370,639	4 YEARS	BIRTHDAY	\$15/\$16	1,211,343
	CLASS 5	5	4 YEARS	BIRTHDAY	\$25/\$15/\$16	114
PRIOR LICENSE RENEWAL	39,752	4 YEARS	BIRTHDAY	\$15/\$16	582,907	
PENNSYLVANIA* 16/	LEARNER PERMITS	358,731	90-120 DAYS	--	\$5.00	--
	CLASS (NON-PHOTO)	48,345	2 YEARS	BIRTHDAY	\$10.00	
	CLASS (PHOTO)	207,781	2 YEARS	BIRTHDAY	\$11.50	
	CLASS (PHOTO)	1,772,054	4 YEARS	BIRTHDAY	\$22.00	
RHODE ISLAND* 17/	LEARNER PERMITS	28,806	120 DAYS	--	\$5.00	--
	PASSENGER	128,063	5 YEARS	BIRTHDAY	\$30.00	611,760
	CHAUFFEUR 31		5 YEARS	BIRTHDAY		13,394
	CHAUFFEUR 32		5 YEARS	BIRTHDAY		26,419
	CHAUFFEUR 33		5 YEARS	BIRTHDAY		18,148
	CHAUFFEUR 34		5 YEARS	BIRTHDAY		3,082
	CHAUFFEUR 35		5 YEARS	BIRTHDAY		2,539
	SERVICE LICENSE		INDEFINITE			4,300
	INITIAL CHAUFFEUR	3,496	5 YEARS	BIRTHDAY	\$2.00	
	MOTORCYCLE	1,797	5 YEARS	BIRTHDAY	\$1.00	
OUT-OF-STATE	13,241	2 YEARS	BIRTHDAY	\$12.00		
SOUTH CAROLINA*	LEARNER PERMITS	140,801	6 MONTHS	--	\$2/\$5	--
	ORIGINAL	128,560	4 YEARS	BIRTHDAY	\$10.00	
	RENEWAL	481,062	4 YEARS	BIRTHDAY	\$10.00	
	PROVISIONAL	5,423	6 MONTHS	NONE	\$5.00	
	TEMP. DRIVER PERMIT	67	6 MONTHS	NONE	\$5.00	
	MOPED LICENSE	362	4 YEARS	BIRTHDAY	\$4.00	
SOUTH DAKOTA	LEARNER PERMITS	2,745	180 DAYS	--	\$6.00	--
	OPERATOR	120,520	4 YEARS	BIRTHDAY	\$6.00	477,280
	RESTRICTED PERMITS	7,814	UNTIL AGE 18		\$6.00	8,795
	COMMERCIAL LICENSE	2,848	4 YEARS	BIRTHDAY	\$15.00	6,303
	MOTORCYCLE	81	4 YEARS	BIRTHDAY	\$6.00	
TENNESSEE 18/	LEARNER PERMITS	38,267	1 YEAR	--	\$13/\$14/\$22/\$28	--
	OPERATORS	590,962	4 YEARS	BIRTHDAY	\$14.00	1,798,390
	CHAUFFEUR		4 YEARS	BIRTHDAY		170,018
	MC, MS, MB		4 YEARS	BIRTHDAY		458
	MOTORCYCLE ENDORSEMENT	9,043	4 YEARS	BIRTHDAY	\$13.00	
	HARDSHIP	179	UNTIL AGE 18	BIRTHDAY		172
	DUI--RESTRICTED	8,507	4 YEARS	BIRTHDAY	\$65.00	
	CLASS A	15,845	4 YEARS	BIRTHDAY		26,797
	CLASS B	7,542	4 YEARS	BIRTHDAY		12,252
	CLASS C	1,796	4 YEARS	BIRTHDAY		2,784
	CLASS D	206,541	4 YEARS	BIRTHDAY		1,324,185
CLASS M	1,806	4 YEARS	BIRTHDAY		956	
TEXAS* 19/	LEARNER PERMITS	200,027	1 YEAR	--	\$5.00	--
	CLASS A	86,319	1 & 4 YEARS	BIRTHDAY	\$5/\$40	1,185,533
	CLASS B	26,360	1 & 4 YEARS	BIRTHDAY	\$5/\$40	111,892
	CLASS C	2,731,129	1 & 4 YEARS	BIRTHDAY	\$5/\$40	9,832,415
	CLASS M	876	1 & 4 YEARS	BIRTHDAY	\$5/\$18	1,445
	OCCUPATIONAL	5,187	VARIABLE		\$5.00	3,306
UTAH*	LEARNER PERMITS	30,000	6 MONTHS	--	\$10.00	--
	CLASS D	233,798	4 YEARS	BIRTHDAY	\$10.00	981,586
	CLASS M	32	4 YEARS	BIRTHDAY	\$8.00	61
	COMMERCIAL					
	OLD CHAUFFEUR	1,097	4 YEARS	APRIL 1992	\$10.00	53,518
	CLASS A	6,886	4 YEARS	ISSUANCE	\$80.00	7,412
CLASS B	3,109	4 YEARS	ISSUANCE	\$80.00	3,298	
CLASS C	228	4 YEARS	ISSUANCE	\$80.00	280	

MOTOR-VEHICLE DRIVER LICENSES - 1990¹

TABLE DL-1
SHEET 5 OF 5
SEPTEMBER 1991

COMPILED FROM THE CALENDAR YEAR
REPORTS OF STATE AUTHORITIES

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
VERMONT 20/	LEARNER PERMITS OPERATOR JR. OPERATOR	15,329 105,863 5,832	2 YEARS 2 & 4 YEARS 2 & 4 YEARS	--	\$5.00 \$12/\$20 \$12.00	-- 403,859 8,731
VIRGINIA*	LEARNER PERMITS DRIVER CLASS A CLASS B CLASS C CLASS M	138,800 969,307 11,017 6,885 334 32,169	12 MONTHS 3-7 YEARS 3-7 YEARS 3-7 YEARS 3-7 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$3.00 \$2.40/YEAR \$1.00/YEAR \$1.00/YEAR \$1.00/YEAR	--
WASHINGTON* 21/	LEARNER PERMITS BASIC LICENSE OCCUPATIONAL	78,153 958,328 1,344	1 YEAR 4 YEARS VARIES	-- BIRTHDAY	\$2.50/\$5 \$14.00 \$25.00	-- 3,445,893 358
WEST VIRGINIA	LEARNER PERMITS JUNIOR REGULAR CHAUFFEUR COMMERCIAL	41,043 18,735 344,068 13,225 20,343	80 DAYS 2 YEARS 4 YEARS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE ISSUANCE ISSUANCE	\$4.00 \$10.00 \$10.00 \$15.00 \$50.00	-- 18,735 344,068 13,225 20,343
WISCONSIN 22/	LEARNER PERMITS PROBATIONARY REGULAR ORIGINAL REGULAR RENEWAL CHAUFFEUR ORIGINAL CHAUFFEUR RENEWAL SCHOOL BUS ORIGINAL SCHOOL BUS ORIGINAL SCHOOL BUS RENEWAL SCHOOL BUS RENEWAL CYCLE VALIDATION	137,583 85,004 58,419 778,207 32,122 117,130 3,015 19 4,310 194 9,701	8 MONTHS 2 YEARS 2 YEARS 4 YEARS 1 YEAR 1 YEAR 2 YEARS 1 YEAR 2 YEARS 1 YEAR LIFE	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY NONE	\$15.00 \$9.00 \$9.00 \$9.00 \$8.00 \$8.00 \$8.50 \$5.25 \$6.00 \$4.00 \$4.00	--
WYOMING*	LEARNER PERMITS NEW NEW CDL RENEWAL	5,116 31,007 3,833 24,283	1 YEAR 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY	\$10.00 \$10.00 \$40.00 \$5.00	--

1/ THE NUMBERS OF LEARNER PERMITS AND DRIVER LICENSES ISSUED ARE NOT AVAILABLE IN STATES WHERE N.A. IS SHOWN. FOR PURPOSES OF THIS REPORT, WHEN THERE ARE COMBINED LICENSES BY ENDORSEMENT, THE LICENSEE HAS BEEN COUNTED IN THE HIGHEST CLASS LICENSE THAT HE HOLDS.

2/ CLASSIFIED DRIVER LICENSES ARE ISSUED IN THE STATES INDICATED WITH AN ASTERISK AFTER THE STATE NAME. IN THOSE STATES, THE DRIVER LICENSES SHOWN PERMIT A QUALIFIED PERSON TO OPERATE SPECIFIED VEHICLES ON THE PUBLIC HIGHWAYS. SEE APPENDIX 1 TO TABLE DL-101 IN "DRIVER LICENSE ADMINISTRATION REQUIREMENTS AND FEES" FOR DESCRIPTION OF VEHICLE TYPES IN THE VARIOUS CLASSES LISTED.

3/ PERMIT FEE IS CREDITED TO OPERATOR LICENSE. CALIFORNIA--THE ORIGINAL LICENSE FEE COVERS THE COST OF A LEARNER PERMIT; ILLINOIS AND INDIANA--\$10 IS CREDITED TO THE OPERATOR LICENSE. NEW YORK--LEARNER PERMIT AND LICENSE APPLICATION FEE ARE INCLUDED IN THE \$9 FEE. OKLAHOMA-- ADDITIONAL \$4 FEE FOR THE LICENSE APPLICATION BEFORE OBTAINING THE ORIGINAL LICENSE.

4/ ALABAMA--INCLUDES LOCAL ISSUANCE FEE OF \$.25 ON LEARNER PERMITS, \$.50 ON DUPLICATES, \$1.50 ON DRIVER LICENSES; SECOND OR SUBSEQUENT DUPLICATE IS \$3.50 TO \$13.50. EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$5 EACH FOR WRITTEN AND ROAD TEST.

5/ COLORADO, NO FEE FOR RENEWAL OF MOTORCYCLE ENDORSEMENT. MINOR LICENSES EXPIRE 20 DAYS AFTER 18TH BIRTHDAY; PROVISIONAL LICENSES EXPIRE 20 DAYS AFTER 21ST BIRTHDAY.

6/ CONNECTICUT--EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$15 FOR OPERATOR AND \$3.50 FOR PUBLIC SERVICE LICENSE.

7/ FLORIDA--ORIGINAL LICENSE FEE IS \$18; "SAFE DRIVERS" MAY RENEW IN PERSON FOR \$19 FOR 6 YEARS.

8/ IDAHO--STUDENT TRAINING PERMITS INCLUDED WITH REGULAR PERMITS: 6,891 @ \$25 ADDITIONAL FEE FOR 120 DAYS, ISSUED TO EVERY APPLICANT FOR AN INSTRUCTIONAL PERMIT OR OPERATOR LICENSE WHO IS REQUIRED OR ELECTS, TO TAKE A DRIVER TRAINING COURSE IN A PUBLIC SCHOOL.

9/ KANSAS--EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$2.

10/ KENTUCKY--BOTH SEPARATE CHAUFFEUR AND OPERATOR/CHAUFFEUR COMBINATION LICENSES WERE ISSUED IN 1989, BUT THEY ADJUSTED THE LICENSES IN FORCE TO AVOID DOUBLE COUNTING.

11/ MASSACHUSETTS--EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$5 EACH FOR WRITTEN AND ROAD TEST.

12/ MICHIGAN--PERSONS AGE 60 AND OVER MAY RENEW AT \$4 ANNUALLY; ORIGINAL CLASS 1 OR 2 ENDORSEMENTS, \$7; ORIGINAL MOTORCYCLE ENDORSEMENT, \$6.

13/ MISSOURI--STUDENT TRAINING PERMITS INCLUDED WITH REGULAR PERMITS: 20,148.

14/ NEW MEXICO--PERSONS 75 YEARS OR OVER RENEW ANNUALLY AT \$2.50.

15/ NEW YORK--43-54 MONTH LICENSES ARE ISSUED IN ORDER TO PLACE THE LICENSES INTO HIS/HER MONTH OF BIRTH; FEES PRORATED ACCORDINGLY. CLASSES 1-4 = \$32 FOR 4 YEARS; CLASS 5-6 = \$18 FOR 4 YEARS. RESTRICTED LICENSES: ELIGIBLE DRIVERS WHO HAVE LOST THEIR LICENSES FOR OTHER THAN ALCOHOL-RELATED CONVICTIONS ARE PERMITTED TO RETAIN WORK-RELATED DRIVING PRIVILEGES. CONDITIONAL LICENSES ARE SIMILAR TO RESTRICTED, BUT FOR MOTORISTS CONVICTED OF ALCOHOL OR DRUG-RELATED TRAFFIC OFFENSES AND THEY MUST ATTEND 7--WEEK, 18--HOUR REHABILITATION COURSE.

16/ PENNSYLVANIA--DRIVERS OVER 65 RENEW FOR 2 YEARS AT \$11.50.

17/ RHODE ISLAND--ADDITIONAL ONE-TIME FEE OF \$2 FOR CHAUFFEUR LICENSES (CLASS 1-5).

18/ TENNESSEE--EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$5.

19/ TEXAS--LICENSES ISSUED TO THOSE UNDER 18 EXPIRE ON 18TH BIRTHDAY; THE FEE IS PRORATED WITH A \$5 MINIMUM.

20/ VERMONT--EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$10 WRITTEN EXAMINATION, \$5 ADDITIONAL FOR RETESTING.

21/ WASHINGTON--EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$7 BASIC, \$6 MOTORCYCLE, AND \$3 CLASSIFIED ENDORSEMENT.

22/ WISCONSIN--EXAMINATION FEES IN ADDITION TO THE ORIGINAL LICENSE FEE: \$5 EACH FOR WRITTEN AND ROAD TEST. CHAUFFEUR LICENSES HAVE NOT BEEN ADDED TO OPERATOR LICENSES SINCE THEY REQUIRE AN OPERATOR LICENSE IN ADDITION TO THE CHAUFFEUR LICENSE.

LICENSED DRIVERS, BY SEX - 1990

COMPILED FOR THE CALENDAR YEAR FROM REPORTS
OF STATE AUTHORITIES AND OTHER SOURCES

TABLE DL-1A
SEPTEMBER 1991

STATE	MALE DRIVERS	FEMALE DRIVERS	TOTAL DRIVERS	PERCENT MALE DRIVERS OF TOTAL	STATE
ALABAMA	1,392,026	1,360,564	2,752,590	50.57	ALABAMA
ALASKA	172,950	141,350	314,300	55.03	ALASKA
ARIZONA 1/	1,227,297	1,165,321	2,392,618	51.30	ARIZONA 1/
ARKANSAS 2/	878,710	843,311	1,722,021	51.03	ARKANSAS 2/
CALIFORNIA	10,535,859	9,310,047	19,845,906	53.09	CALIFORNIA
COLORADO	1,026,200	1,016,803	2,043,003	50.23	COLORADO
CONNECTICUT	1,054,539	1,159,607	2,214,146	47.63	CONNECTICUT
DELAWARE	243,426	241,375	484,801	50.21	DELAWARE
DIST. OF COL.	210,778	201,534	412,312	51.12	DIST. OF COL.
FLORIDA 1/	4,778,636	4,452,769	9,231,405	51.76	FLORIDA 1/
GEORGIA	2,255,799	2,222,461	4,478,260	50.37	GEORGIA
HAWAII	366,208	311,418	677,626	54.04	HAWAII
IDAHO	361,253	342,931	704,184	51.30	IDAHO
ILLINOIS	3,717,715	3,577,017	7,294,732	50.96	ILLINOIS
INDIANA	1,850,007	1,751,347	3,601,354	51.37	INDIANA
IOWA	927,958	944,528	1,872,486	49.56	IOWA
KANSAS	848,702	865,805	1,714,507	49.50	KANSAS
KENTUCKY	1,225,596	1,176,065	2,401,661	51.03	KENTUCKY
LOUISIANA	1,290,566	1,284,894	2,575,460	50.11	LOUISIANA
MAINE	440,502	446,540	887,042	49.66	MAINE
MARYLAND	1,710,144	1,651,792	3,361,936	50.87	MARYLAND
MASSACHUSETTS	2,176,846	2,052,465	4,229,311	51.47	MASSACHUSETTS
MICHIGAN 2/	3,218,771	3,221,619	6,440,390	49.98	MICHIGAN 2/
MINNESOTA	1,283,189	1,245,752	2,528,941	50.74	MINNESOTA
MISSISSIPPI	960,865	923,679	1,884,544	50.99	MISSISSIPPI
MISSOURI	1,863,591	1,824,490	3,688,081	50.53	MISSOURI
MONTANA 1/	330,899	272,715	603,614	54.82	MONTANA 1/
NEBRASKA	548,345	540,332	1,088,677	50.37	NEBRASKA
NEVADA	444,505	401,905	846,410	52.52	NEVADA
NEW HAMPSHIRE	425,025	418,445	843,470	50.39	NEW HAMPSHIRE
NEW JERSEY	2,938,968	2,645,759	5,584,727	52.63	NEW JERSEY
NEW MEXICO 2/	558,383	515,433	1,073,816	52.00	NEW MEXICO 2/
NEW YORK	5,449,157	4,805,072	10,254,229	53.14	NEW YORK
NORTH CAROLINA	2,303,537	2,247,107	4,550,644	50.62	NORTH CAROLINA
NORTH DAKOTA	215,465	209,433	424,898	50.71	NORTH DAKOTA
OHIO	3,760,666	3,666,743	7,427,409	50.63	OHIO
OKLAHOMA	1,137,074	1,140,466	2,277,540	49.93	OKLAHOMA
OREGON 1/	1,159,013	1,052,537	2,211,551	52.41	OREGON 1/
PENNSYLVANIA	4,116,337	3,782,715	7,899,052	52.11	PENNSYLVANIA
RHODE ISLAND	341,610	329,041	670,651	50.94	RHODE ISLAND
SOUTH CAROLINA	1,182,475	1,190,350	2,372,825	49.83	SOUTH CAROLINA
SOUTH DAKOTA	248,878	243,500	492,378	50.55	SOUTH DAKOTA
TENNESSEE	1,658,225	1,676,200	3,334,425	49.73	TENNESSEE
TEXAS	5,736,644	5,400,050	11,136,694	51.51	TEXAS
UTAH	521,799	524,307	1,046,106	49.88	UTAH
VERMONT	210,920	201,000	411,920	51.20	VERMONT
VIRGINIA	2,213,348	2,175,457	4,388,805	50.43	VIRGINIA
WASHINGTON	1,724,508	1,652,163	3,376,671	51.07	WASHINGTON
WEST VIRGINIA	671,929	611,774	1,283,703	52.34	WEST VIRGINIA
WISCONSIN 2/	1,702,803	1,625,069	3,327,872	51.17	WISCONSIN 2/
WYOMING	173,803	159,743	333,546	52.11	WYOMING
TOTAL	85,792,450	81,222,800	167,015,250	51.37	TOTAL

1/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

2/ SEX SEGREGATION ESTIMATED BY FHWA.

RATIO OF LICENSED DRIVERS TO POPULATION – 1990

TABLE DL-1B
SEPTEMBER 1991

STATE	POPULATION		LICENSED DRIVERS			STATE
	TOTAL RESIDENT 1/ (1,000)	DRIVING AGE (16 AND OVER) 2/ (1,000)	NUMBER	PER 1,000 TOTAL RESIDENT POPULATION	PER 1,000 DRIVING AGE POPULATION	
ALABAMA	4,041	3,081	2,752,590	681	893	ALABAMA
ALASKA	550	392	314,300	571	801	ALASKA
ARIZONA 3/	3,665	2,754	2,392,618	653	869	ARIZONA 3/
ARKANSAS	2,351	1,789	1,722,021	732	962	ARKANSAS
CALIFORNIA	29,760	22,611	19,845,906	667	878	CALIFORNIA
COLORADO	3,294	2,522	2,043,003	620	810	COLORADO
CONNECTICUT	3,287	2,602	2,214,146	674	851	CONNECTICUT
DELAWARE	666	517	484,801	728	938	DELAWARE
DIST. OF COL.	606	480	412,312	680	860	DIST. OF COL.
FLORIDA 3/	12,938	10,328	9,231,405	714	894	FLORIDA 3/
GEORGIA	6,478	4,874	4,478,280	691	919	GEORGIA
HAWAII	1,108	850	677,626	612	797	HAWAII
IDAHO	1,007	737	704,184	699	956	IDAHO
ILLINOIS	11,431	8,828	7,294,732	638	826	ILLINOIS
INDIANA	5,544	4,263	3,601,354	650	845	INDIANA
IOWA	2,777	2,160	1,872,486	674	867	IOWA
KANSAS	2,478	1,893	1,714,507	692	906	KANSAS
KENTUCKY	3,685	2,842	2,401,661	652	845	KENTUCKY
LOUISIANA	4,220	3,119	2,575,460	610	826	LOUISIANA
MAINE	1,228	958	887,042	722	926	MAINE
MARYLAND	4,781	3,726	3,361,936	703	902	MARYLAND
MASSACHUSETTS	6,016	4,808	4,229,311	703	880	MASSACHUSETTS
MICHIGAN	9,295	7,125	6,440,390	693	904	MICHIGAN
MINNESOTA	4,375	3,356	2,528,941	578	754	MINNESOTA
MISSISSIPPI	2,573	1,903	1,884,544	732	990	MISSISSIPPI
MISSOURI	5,117	3,965	3,688,081	721	930	MISSOURI
MONTANA 3/	800	605	603,614	755	997	MONTANA 3/
NEBRASKA	1,578	1,207	1,088,677	690	902	NEBRASKA
NEVADA	1,202	930	846,410	704	910	NEVADA
NEW HAMPSHIRE	1,109	860	843,470	761	981	NEW HAMPSHIRE
NEW JERSEY	7,730	6,107	5,584,727	722	914	NEW JERSEY
NEW MEXICO	1,515	1,110	1,073,816	709	967	NEW MEXICO
NEW YORK	17,990	14,102	10,254,229	570	727	NEW YORK
NORTH CAROLINA	6,629	5,167	4,550,644	686	881	NORTH CAROLINA
NORTH DAKOTA	639	483	424,898	665	879	NORTH DAKOTA
OHIO	10,847	8,361	7,427,409	685	888	OHIO
OKLAHOMA	3,146	2,404	2,277,540	724	947	OKLAHOMA
OREGON 3/	2,842	2,214	2,211,551	778	999	OREGON 3/
PENNSYLVANIA	11,882	9,400	7,899,052	665	840	PENNSYLVANIA
RHODE ISLAND	1,003	797	670,651	669	841	RHODE ISLAND
SOUTH CAROLINA	3,487	2,648	2,372,825	680	896	SOUTH CAROLINA
SOUTH DAKOTA	696	525	492,378	707	938	SOUTH DAKOTA
TENNESSEE	4,877	3,783	3,334,425	684	881	TENNESSEE
TEXAS	16,987	12,542	11,136,694	656	888	TEXAS
UTAH	1,723	1,142	1,046,106	607	916	UTAH
VERMONT	563	438	411,920	732	941	VERMONT
VIRGINIA	6,187	4,852	4,388,805	709	905	VIRGINIA
WASHINGTON	4,867	3,751	3,376,671	694	900	WASHINGTON
WEST VIRGINIA	1,793	1,402	1,283,703	716	916	WEST VIRGINIA
WISCONSIN	4,892	3,764	3,327,872	680	884	WISCONSIN
WYOMING	454	336	333,546	735	991	WYOMING
TOTAL	248,709	191,412	167,015,250	672	873	TOTAL

1/ SOURCE: BUREAU OF THE CENSUS.

2/ SINCE THE AGE BREAKOUT WAS NOT AVAILABLE FROM THE BUREAU OF THE CENSUS, THIS COLUMN WAS DERIVED BY USING THE 1989 AGE BREAKOUT AGAINST THE 1990 TOTAL RESIDENT POPULATION. FOR THE PURPOSES OF THIS ANALYSIS, DRIVING-AGE POPULATION IS CONSIDERED TO BE ALL PERSONS AGED 16 AND OVER. PRIOR TO 1985, AGES 15 AND OVER WERE USED.

3/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

DISTRIBUTION OF LICENSED DRIVERS – 1990

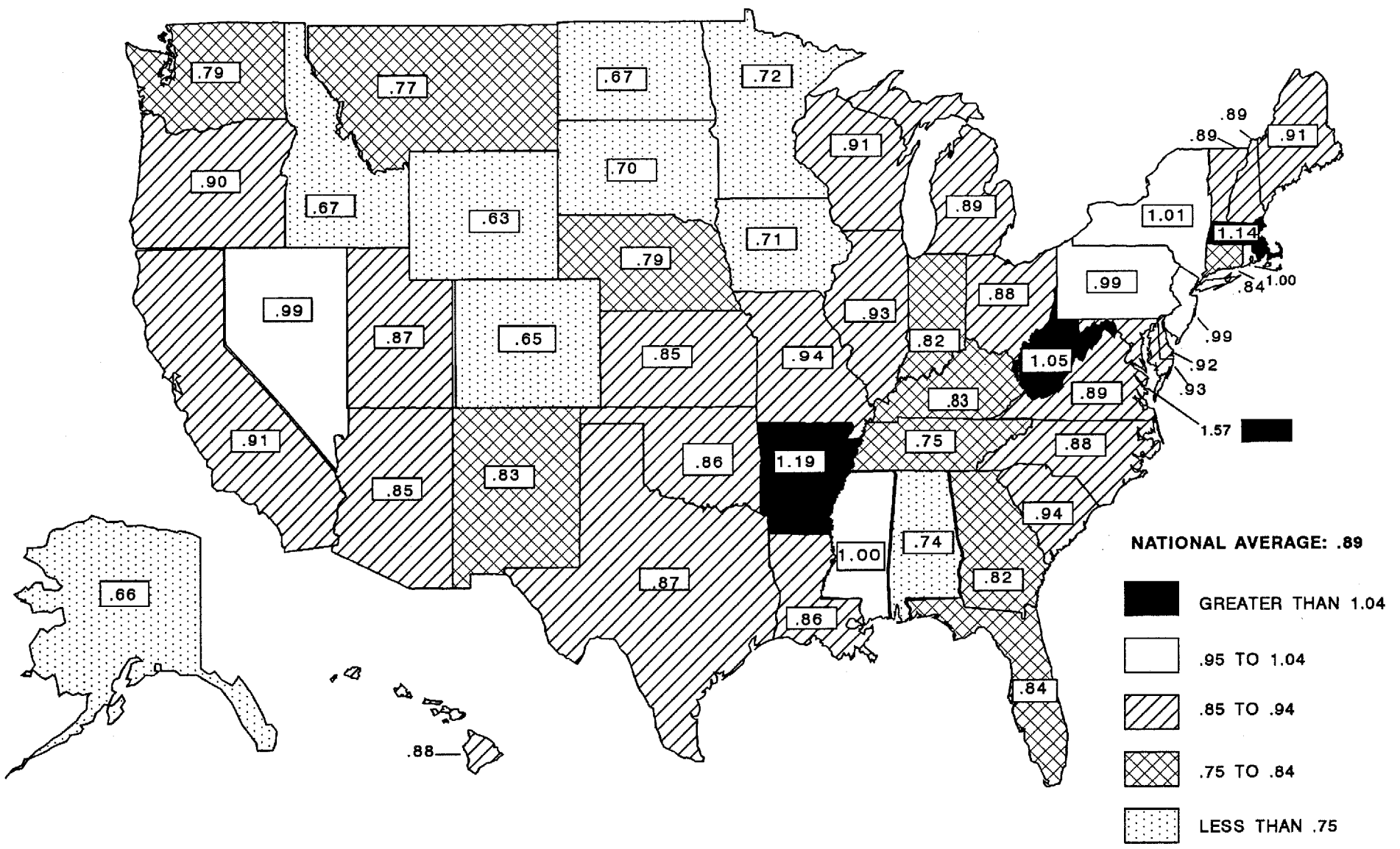
BY SEX AND PERCENTAGE IN EACH AGE GROUP AND RELATION TO POPULATION

TABLE DL-20
SEPTEMBER 1991

AGE	MALE DRIVERS			FEMALE DRIVERS			TOTAL DRIVERS		
	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION 1/	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION 1/	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION 1/
UNDER 16	23,351	0.0	1.4	19,853	0.0	1.2	43,204	0.0	1.3
16	768,602	0.9	44.8	673,955	0.8	41.2	1,442,557	0.9	43.0
17	1,135,673	1.3	62.6	996,499	1.2	58.0	2,132,171	1.3	60.3
18	1,377,523	1.6	71.2	1,217,402	1.5	65.5	2,594,926	1.6	68.4
19	1,607,564	1.9	81.5	1,428,625	1.8	74.8	3,036,188	1.8	78.2
(19 AND UNDER)	4,912,712	5.7	53.9	4,336,334	5.3	49.7	9,249,046	5.5	51.8
20	1,690,511	2.0	88.4	1,538,307	1.9	82.8	3,228,818	1.9	85.6
21	1,694,002	2.0	92.3	1,555,250	1.9	86.9	3,249,253	1.9	89.7
22	1,701,410	2.0	91.9	1,561,245	1.9	85.8	3,262,654	2.0	88.9
23	1,766,508	2.1	93.1	1,631,178	2.0	86.8	3,397,686	2.0	90.0
24	1,951,212	2.3	96.1	1,807,015	2.2	90.0	3,758,227	2.3	93.1
(20-24)	8,803,643	10.3	92.4	8,092,995	10.0	86.5	16,896,638	10.1	89.5
25-29	10,238,989	11.9	93.3	9,656,202	11.9	89.0	19,895,190	11.9	91.2
30-34	10,506,510	12.2	94.3	10,071,064	12.4	91.0	20,577,574	12.3	92.6
35-39	9,683,644	11.3	99.0	9,371,273	11.5	94.7	19,054,916	11.4	96.9
40-44	8,609,620	10.0	103.5	8,294,564	10.2	96.6	16,904,185	10.1	100.0
45-49	6,642,056	7.7	100.5	6,378,114	7.9	92.2	13,020,170	7.8	96.3
50-54	5,376,194	6.3	97.6	5,107,829	6.3	87.1	10,484,023	6.3	92.2
55-59	4,855,447	5.7	94.8	4,582,612	5.6	81.8	9,438,059	5.7	88.0
60-64	4,738,465	5.5	93.3	4,497,035	5.5	77.7	9,235,500	5.5	85.0
65-69	4,266,307	5.0	92.2	4,108,841	5.1	74.2	8,375,148	5.0	82.4
70 AND OVER	7,158,862	8.3	89.5	6,725,937	8.3	52.5	13,884,800	8.3	66.7
TOTAL	85,792,450	100.0	84.3	81,222,800	100.0	71.4	167,015,250	100.0	77.5

1/ THE DISTRIBUTION OF 1990 POPULATION BY AGE AND SEX WAS NOT AVAILABLE AT THE TIME OF PRINTING, THEREFORE THIS DISTRIBUTION WAS COMPUTED USING THE 1989 AGE AND SEX ESTIMATES OF THE BUREAU OF THE CENSUS, SERIES P-25 ADJUSTED TO THE 1990 TOTAL POPULATION.

LICENSED DRIVERS PER PRIVATE AND COMMERCIAL MOTOR VEHICLE - 1990



HIGHWAY FINANCE

This section contains a series of tables reporting the highway receipts, disbursements, debt status, and other financial information of Federal, State and local agencies. Federal and State highway finance data are for calendar year 1990 with a few exceptions; but finance data for local governments are for various fiscal years ending in 1989.

Because the expenditures of one government agency may become income to another, care must be taken to avoid double counting of income and expense when combining certain of the Federal, State, and local table series. For this reason, the first tables in this section give combined summaries of the highway finances of all government agencies in net amounts. Duplications that would otherwise have resulted from intergovernmental transfers have been removed. These tables are followed by specialized series showing Federal, State, and local government data. These tables are not additive without appropriate adjustments for intergovernmental payments.

INTERGOVERNMENTAL PAYMENTS

In general, intergovernmental payments refer to the actual payment of money from one governmental level to another.

Federal aid for highways

The Federal-aid highway program is financed from the proceeds of motor-fuel and other highway-related excise taxes deposited in the Federal Highway Trust Fund (HTF) and is administered by the Federal Highway Administration (FHWA) as a grant-in-aid program. Most funds are apportioned to States in accordance with formulas that give weight to population, area, mileage and (for the Interstate System, Interstate highway substitute projects and Bridge Replacement and Rehabilitation Program) relative costs (needs). The Federal Lands Highway Program is funded from the HTF and funds are allocated based on relative need. Other highway funds administered by the FHWA, but not financed from Trust Fund revenues, include those for the safer off-system roads and Appalachian Development programs and those transferred to FHWA by other Federal agencies for road improvements.

State and local governments also receive assistance from other Federal programs. Typical of this assistance is the return to the State of origin of some Federal revenue from national forests and from natural resource severance taxes. The States in turn distribute these funds to the counties from which the revenue is derived for road improvements. Details of the different Federal assistance programs are

given in table F-106, which appears in a separate FHWA publication entitled *Highway Taxes and Fees, How They Are Collected and Distributed*.

State aid to local governments

There are numerous State transactions or activities that benefit local governments and do not involve the flow of funds. These transactions are not treated as intergovernmental payments. Among these transactions are: (1) advisory, consulting, and supervisory services or aid in kind (e.g., free provision of road materials or loans of equipment); (2) assumption by a State of responsibility for construction and maintenance of former county roads or municipal streets; and (3) payments made by the State for materials or direct to contractors for the State's share of the cost of joint State-local projects on local road systems.

Some transactions, however, that do involve the flow of funds from States to local governments have been shown as direct expenditures by activity, rather than as intergovernmental payments. These transactions include: (1) amounts paid to local governments under contractual agreements whereby counties or municipalities perform construction or maintenance work for the State highway agency; and (2) payments on county or other local obligations assumed by the State as reimbursement for the cost of local roads added to the State highway systems.

For uniformity in the FHWA's analyses, all State-imposed highway-user imposts are considered as being collected and distributed by the States. The local government shares, if any, have been shown as intergovernmental payments. This has been done even when there has been no actual flow of funds or when there has been a reverse flow of funds such as occurs in States where motor-vehicle registration fees are collected, and a share is retained, by the local governments.

In 1990 the statutes of 48 States provided for the sharing of State-collected highway-user tax revenues with local governments for road and street purposes. This assistance is in the form of direct grants-in-aid and shared revenue. The two States that did not have such statutes are Alaska and West Virginia. Table SF-5A shows the sources and payments of the shared State funds.

In 1990, 45 States provided aid from road-user taxes to municipalities including New England towns. Counties in 46 States received grants-in-aid. Many States provide aid to more than one type of local government.

Intergovernmental payments of local agencies

Federal-aid project receipts and disbursements are, for the most part, transactions of the State. However, county or municipal funds may be expended on such projects. When local governments provide the matching share and the State administers the project, these payments to the State are considered to be intergovernmental transfers. In some States, a portion of the local share of State tax revenues is not paid directly to local governments, but is retained by the State to match Federal funds for local road projects, to reimburse the State for work performed at the request of the local agency, or for other purposes. When the State retains such tax revenue, the transactions do not appear as intergovernmental payments in the State or local finance series of tables.

Payments between similar government units have been eliminated; for example, those between counties, between States, or between municipalities. But payments made between different government classes, such as those between counties and municipalities, have been shown.

Combined finances

Table HF-10 combines, for all government units, receipts and expenditures for 1990 (with local government and some Federal data estimated) and identifies separately the intergovernmental payments. Tables HF-1 and HF-2 eliminate intergovernmental payments and show, by State, total receipts and expenditures for highways in 1989, the last year for which finance data for all governmental units are available. Table HB-2 summarizes highway debt for all governmental units. Bonds issued and redeemed and total debt outstanding are given for years 1987 through 1990.

Federal financing

The Federal-aid highway program is a federally assisted, State-administered program which distributes Federal funds to the States for the construction and improvement of urban and rural highway systems. To use Federal aid for highway improvements, a State develops the plans, lets the contract, and supervises the construction with approval of the FHWA acting for the Federal Government. The roads remain under the administrative control of the State or local government, which is responsible for their operation and maintenance. In recent years, Federal-aid highway funds increasingly have been made available for expenditure by local governments.

Although Federal aid for highways began in the late 1800's it was not until 1916 that Federal assistance was provided uniformly to all States with the purpose of developing an integrated network of highways. An important step occurred in 1921 when the use of Federal aid was restricted to a limited connected system of principal roads, now called the

Federal-aid Primary Highway System. Provision was made in 1944 for the designation of a Federal-aid Secondary System of principal farm-to-market and feeder roads. Also in 1944, for the first time, specific authorization of Federal-aid funds was made for urban extensions of the Primary System, and in 1954, for urban extensions of the Secondary System. In 1973, funding for a separate Urban System program was established with a part of the authorized funding earmarked specifically for urbanized areas with a population of 200,000 or more. Annual authorizations of Federal-aid funds for primary, secondary, and urban improvements are apportioned among the States using the formulas shown in table FA-4A. These funds are matched on a 75-25 basis by the States or local governments, but the Federal share is proportionately increased for States in which public lands exceed 5 percent of their area.

The National System of Interstate and Defense Highways, a dominant feature of the Federal-aid program, was identified in 1944; however, prior to 1956, only modest funds were provided. The Federal-aid Highway Act of 1956, as subsequently amended, provided funding on a 90 percent Federal, 10 percent State matching basis. The Surface Transportation and Relocation Assistance Act of 1987 provides funding authorization through FY 1992 (and a limited authorization for FY 1993) for completion of the System.

In recent years, increased attention has been directed to the preservation and reconstruction of the Nation's highways and bridges. Although regular Federal-aid funds may be used by the States for the rehabilitation and replacement of deficient bridges, a special bridge rehabilitation and replacement program with separate authorizations was begun in 1970. Since then, funding for this program has increased substantially and accounted for over 11 percent of total Federal-aid highway funds apportioned for FY 1991.

Beginning in 1976, a special category of Interstate funds was authorized specifically for resurfacing, restoration, and rehabilitation (3R) work. In 1981, the program was amended to include reconstruction and funding was substantially increased. The current matching ratio for the Interstate 4R program is 90 percent Federal and 10 percent State.

The Federal Highway Trust Fund provides the means of financing for the Federal-aid highway program. The HTF was established by the Highway Revenue Act of 1956. Since then, changes in the tax structure have occurred periodically. The Surface Transportation Assistance Act of 1982 authorized a number of changes to the Federal excise tax structure. The Deficit Reduction Act of 1984 and, more recently, the Omnibus Budget Reconciliation Act of 1990 made further changes. Beginning December 1, 1990, an additional 0.5 cent of the tax on motor fuels is transferred to the Mass Transit Account and 2.5 cents is

allocated to deficit reduction. Table FE-101 provides an historical summary of the Federal excise tax rates, including rates currently in effect.

Revenues from gasoline and special-fuel taxes collected from motorboat use, excluding business use which is exempt or fully refunded, are transferred to the Aquatic Resources Trust Fund or the Land and Water Conservation Fund administered by the U.S. Department of the Interior.

A number of refunds, credits, and exemptions apply to the HTF. These are described in applicable footnotes to table FE-101. Beginning April 1983, 1 cent of the tax on gasoline and special fuel is transferred to a Mass Transit Account to finance expenditures for mass transit purposes. Tables in this publication do not include revenues from the 0.1 cent per gallon of the motor fuel tax dedicated to the Leaking Underground Storage Tank Trust Fund. Revenues from this tax are deposited directly in the Leaking Underground Storage Tank Trust Fund.

Federal Highway Trust Fund revenues derived from various Federal excise taxes attributable to highway users in each State are shown in table FE-9. Since the point of collection of the Federal user taxes is not directly related to payments by highway users in each State, receipts attributable to highway users in each State must be estimated by the FHWA.

Table FE-221 shows a comparison, by State, of HTF receipts attributable to highway users and apportionments from the Fund. This table reflects a concerted effort to include all funds apportioned or allocated to the States from the HTF. Table MF-27 shows the 1989 highway motor fuel gallonage used to attribute the 1990 HTF receipts to the States on table FE-221.

Amounts apportioned to the States pursuant to authorizations by Congress for a fiscal year are not to be confused with payments to the States for work completed. Although Federal-aid funds are apportioned by year, a grace period in expending the funds is permitted to allow the States time for orderly planning, budgeting, and execution of their highway programs.

Payments to contractors for work done on Federal-aid projects are made initially from State funds, or, sometimes, from funds of cities, counties, or other local governments. The Federal share is paid as a reimbursement to the States as work progresses; final payment is made after completion of the project.

The actual payment of Federal funds administered by the FHWA during calendar year 1990 is shown in table FA-3. Most of these payments were made to the States, but in addition to its own administrative costs, some funds were

expended directly by FHWA on projects. These amounts, together with a summary of the finances of all other Federal assistance programs for highways are shown in table FA-5. Table FA-4 reports apportionments of Federal-aid funds to the States for fiscal year 1991, and table FA-4A shows the formulas used for apportioning the various Federal-aid funds. Obligations of Federal-aid highway funds for fiscal year 1990 are reported in table FA-4B. Table FA-4C shows obligations of Federal-aid highway funds for fiscal year 1990 stratified by functional class. Finally, tables FA-10 and FA-11 provide information on Federal-aid highway program accomplishments for those funds obligated in fiscal year 1990.

State financing

Finances and debt status of State highway agencies are given in the SF and SB series. Table SF-21 consolidates and summarizes all highway receipts and disbursements of the States. The remaining tables in the SF series provide further details and breakdowns of all highway receipts and disbursements of the States including data on State toll facilities. The SB series provides details of the highway debt transactions of the States. Table SF-12 shows State highway capital outlay and maintenance expenditures by functional system and area and table SF-12A provides a distribution of capital outlay by improvement type. Data for tables SF-12 and SF-12A are not complete for all States and in some cases have been estimated. Table SMT shows State receipts and disbursements for mass transportation activities. While this table does not include highway activities, it is included in this publication to indicate the use of State funds, especially highway-user imposts, for mass transportation purposes.

Local financing

Highway finance of county and township governments is shown in the LF table series, and of municipalities in the UF series. Debt status for these two groups of local governments is given in the separate LB and UB series. Table LGF-21 consolidates and summarizes all highway receipts and disbursements of local governments. The local finance data are for various fiscal years ending in 1989. In many States, sampling is used to develop highway finance data for local governments.

CLASSIFICATION OF HIGHWAY RECEIPTS

The phrase "highway receipts" used in this section includes highway-user revenues and all other receipts applied for highway purposes regardless of source. The exceptions are tables DF, LF-1, and UF-1 which include the total of user-tax revenues regardless of their use for highway or

nonhighway purposes. The classification of these receipts is described in the following paragraphs.

Funds attributable to highway users

Chief among this group of revenues are the highway-user taxes and fees. The States and the Federal Government have largely preempted this field of taxation as their principal source of funds for highways. However, receipts from highway-user taxes have been reported by local governments in a number of States in recent years. Also included in this area is the regional gasoline tax. It is different from a tax levied only by the local agency because it may cross political boundaries. The regional tax is considered a local tax until it is levied uniformly throughout the State. Vehicle fees are also levied in many local communities. By definition, highway-user imposts are those levied on owners and operators of motor vehicles because of their use of the public highways. These imposts consist chiefly of motor-fuel taxes, registration fees, driver license fees, weight-distance taxes, titling taxes, and other fees closely allied with the ownership and operation of motor vehicles. Also included are fines and penalties for registration violations and vehicle size and weight violations. Not all taxes paid by highway users are included in the definition. Sales and use taxes, gross receipts taxes, and ad valorem property taxes are among those that have been excluded when such taxes are parts of general tax structures applicable to a variety of commodities, operations, and commercial activities.

In general, the revenue from highway-user taxes is derived from taxes imposed for the use of the highways, but small amounts are actually derived from off-highway use. Although tax refunds are usually granted for off-highway use of motor fuel, not all refunds are claimed and not all refund claims are granted. Some States exempt or refund the tax for Federal Government or other public use, for transit bus operations, and in at least one State, for fuel consumed on toll roads.

Allocation of the proceeds of State motor-fuel taxes and motor-vehicle fees is shown in detail in tables MF-3 and MV-3, respectively. These tables and the summary table DF follow the flow of the highway-user imposts from their collection to their eventual allocation for specific purposes. These allocations differ from those shown in the State finance (SF) tables since table DF includes funds allocated for collection expenses, nonhighway purposes, and mass transportation programs.

In many States, specific revenues or portions of revenues from each type of highway-user tax are dedicated to specific highway purposes. Most States place highway-user revenues or a portion of them in a general State fund that receives many types of revenues, including those from highway users. For the latter group of States, each appropriation or

expenditure for highway purposes has been treated as if it had been made from motor-fuel taxes and from motor-vehicle taxes in proportion to the revenue received by the general fund from each of the sources. Revenues are not earmarked for specific purposes and thus it is impossible to identify how funds from particular sources are used.

Even in some States that have separate highway funds, portions of highway-user revenues may have been allocated to the State general fund or for nonhighway purposes; and in some of these States, general fund appropriations may have also been made for highway purposes. In the FHWA analyses, such appropriations have been offset, to the extent possible, against the allocations of highway-user revenues for funds or purposes other than highways.

Table MF-106 which gives the legal or administrative provisions for allocating State motor-fuel taxes, and table MV-106 which provides similar information for State motor-vehicle registration fees, driver-license fees, and motor-carrier taxes, are published in a separate FHWA publication entitled *Highway Taxes and Fees, How They Are Collected and Distributed*.

Closely related to highway-user imposts are toll receipts and parking fees. Tolls provide revenue to State agencies and local governments. Parking revenues, an item of municipal finance used for highways, are not identified separately in local finance tables.

Other taxes and fees

Special broad based taxes and assessments on property are the chief source of locally raised income used by county and municipal governments to finance local highway programs. Often, however, and especially by municipalities, special taxes and assessments are not earmarked for highways but are commingled with other local revenue in a general fund from which appropriations are made for highways as well as for other purposes. All, or portions, of the proceeds of many other State and local taxes, such as oil royalties, severance taxes on natural resources, and sales and use taxes, are allocated or drawn on for highways. When miscellaneous State taxes and appropriations are specifically allocated for highways, these provisions are shown in table S-106, which also appears in *Highway Taxes and Fees, How They Are Collected and Distributed*.

Investment income and miscellaneous receipts

By investing highway funds until needed, many highway agencies are able to realize interest income or profit on the purchase and sale of securities. Other miscellaneous income includes rentals, donations (including private funds), and permit fees.

Income from sale of bonds and notes

For the State finance (SF) series of tables, the infrequent transactions involving short-term borrowing (2 years or less maturity) have been omitted. Among local governments, however, the use of short-term note financing is rather common and these transactions have been included in the LF and UF series of tables. Note proceeds and redemptions have been omitted from the summary tables HF-10, HF-1, HF-2, HB-2, and LGF-21.

Special tables that give details of State obligations (SB series) and local obligations (LB and UB series) have been included. State bond issues for highways usually can be identified readily. Bond issues of local governments occasionally combine borrowing for more than one purpose, and the road and street shares of such local general improvement loans in the table are estimates.

CLASSIFICATION OF HIGHWAY EXPENDITURES

Expenditures for highways have been grouped in major classes: capital outlay, maintenance, administration, highway police and safety, interest on debt, debt retirement, and intergovernmental payments.

Capital outlays are those costs associated with highway improvements, including land acquisition and other right-of-way costs; preliminary and construction engineering; construction and reconstruction; resurfacing, rehabilitation and restoration costs of roadway and structure; and installation of traffic service facilities such as guard rails, fencing, signs, and signals.

Costs included in the classification as maintenance are of two types: (1) those required to keep the highways in usable condition, such as routine patching repairs, bridge painting, and other maintenance of condition costs; and (2) traffic service costs, such as snow and ice removal, pavement markings, signs, signals, litter cleaning, and toll collection expenses.

Classed as administration costs are those for general overhead and engineering and research costs not assignable to specific road projects. Included in the tables as highway law enforcement and safety expenditures are activities of the Federal highway safety program, State highway patrols, safety education and promotion, driver training programs, and enforcement of vehicle size, weight, and emissions limitations. Costs of municipal traffic police have also been included where the function is separate from that of general policing activities.

TOTAL RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS, ALL UNITS OF GOVERNMENT - 1990¹DATA COMPILED FROM REPORTS OF FEDERAL,
STATE AND LOCAL AUTHORITIESTABLE HF-10
OCTOBER 1991

ITEM	(MILLIONS OF DOLLARS)				STATE AGENCIES AND D.C.	COUNTIES AND TOWN- SHIPS	MUNICI- PALITIES	TOTAL
	FEDERAL GOVERNMENT							
	FEDERAL HIGHWAY ADMINISTRATION	OTHER FEDERAL AGENCIES	TOTAL FEDERAL					
HIGHWAY TRUST FUND	OTHER FUNDS							
RECEIPTS BY COLLECTING AGENCIES								
IMPOSTS ON HIGHWAY USERS: 2/ MOTOR-FUEL AND VEHICLE TAXES	12,390	-	-	12,390	27,957	420	450	41,217
TOLLS	-	-	-	-	2,555	90	310	2,955
SUBTOTAL	12,390	-	-	12,390	30,512	510	760	44,172
OTHER TAXES AND FEES:								
PROPERTY TAXES AND ASSESSMENTS	-	-	-	-	-	2,130	2,240	4,370
GENERAL FUND APPROPRIATIONS	-	244	674	918	1,638	2,680	6,040	11,276
OTHER TAXES AND FEES	-	-	175	175	1,495	590	420	2,680
SUBTOTAL	-	244	849	1,093	3,133	5,400	8,700	18,326
INVESTMENT INCOME AND OTHER RECEIPTS	913	-	112	1,025	2,544	930	1,550	6,049
TOTAL CURRENT INCOME	13,303	244	961	14,508	36,189	6,840	11,010	68,547
BOND ISSUE PROCEEDS (PAR VALUE) 3/	-	-	-	-	3,192	580	1,600	5,372
GRAND TOTAL RECEIPTS	13,303	244	961	14,508	39,381	7,420	12,610	73,919
INTERGOVERNMENTAL PAYMENTS:								
FEDERAL GOVERNMENT:								
HIGHWAY TRUST FUND	(13,520)	-	-	(13,520)	13,214	121	185	-
ALL OTHER FUNDS	-	(185)	(705)	(890)	403	264	223	-
STATE AGENCIES:								
HIGHWAY-USER IMPOSTS	-	-	-	-	(7,164)	4,307	2,857	-
ALL OTHER FUNDS	-	-	-	-	(816)	442	374	-
COUNTIES AND TOWNSHIPS	-	-	-	-	401	(711)	310	-
MUNICIPALITIES	-	-	-	-	282	60	(342)	-
SUBTOTAL	(13,520)	(185)	(705)	(14,410)	6,320	4,483	3,607	-
FUNDS DRAWN FROM OR PLACED IN RESERVES 4/	648	-	-	648	(92)	87	323	966
TOTAL FUNDS AVAILABLE	431	59	256	746	45,609	11,990	16,540	74,885
DISBURSEMENTS BY EXPENDING AGENCIES								
CAPITAL OUTLAY:								
ON STATE-ADMINISTERED HIGHWAYS	-	-	-	-	24,813	-	-	24,813
ON LOCAL RURAL ROADS	-	-	-	-	751	3,790	-	4,541
ON LOCAL MUNICIPAL ROADS AND STREETS	-	-	-	-	690	-	5,130	5,820
NOT CLASSIFIED BY SYSTEM	201	30	76	5/ 307	-	-	-	307
SUBTOTAL	201	30	76	307	26,254	3,790	5,130	35,481
MAINTENANCE AND TRAFFIC SERVICES:								
ON STATE-ADMINISTERED HIGHWAYS	-	-	-	-	8,266	-	-	8,266
ON LOCAL RURAL ROADS	-	-	-	-	48	5,255	-	5,303
ON LOCAL MUNICIPAL ROADS AND STREETS	-	-	-	-	80	-	5,990	6,070
NOT CLASSIFIED BY SYSTEM	-	-	103	103	-	-	-	103
SUBTOTAL	-	-	103	103	8,394	5,255	5,990	19,742
ADMINISTRATION AND RESEARCH	230	29	77	336	6/ 3,829	1,050	1,140	6,355
HIGHWAY LAW ENFORCEMENT AND SAFETY	-	-	-	-	3,702	750	2,470	6,922
INTEREST ON DEBT	-	-	-	-	1,818	395	860	3,073
TOTAL CURRENT DISBURSEMENTS	431	59	256	746	43,997	11,240	15,590	71,573
DEBT RETIREMENTS (PAR VALUE) 3/	-	-	-	-	1,612	750	950	3,312
GRAND TOTAL DISBURSEMENTS	431	59	256	746	45,609	11,990	16,540	74,885

1/ THIS TABLE SUMMARIZES AND CONSOLIDATES DATA REPORTED IN GREATER DETAIL IN THE FA, SF, SB, LF, UF, LB, AND UB TABLE SERIES. DATA FOR FEDERAL AND STATE AGENCIES ARE FINAL; THOSE FOR COUNTIES AND MUNICIPALITIES ARE ESTIMATES SUBJECT TO REVISION WHEN DATA FOR ALL LOCAL UNITS ARE AVAILABLE. TABLES HF-1 AND HF-2 FOR 1989 CONTAIN FINAL DATA FOR ALL UNITS OF GOVERNMENT.

2/ EXCLUDES AMOUNTS ALLOCATED FOR NONHIGHWAY PURPOSES. MOTOR-FUEL AND VEHICLE TAXES ARE ALSO NET AFTER REFUNDS AND COLLECTION EXPENSES. EXCLUDES MASS TRANSIT ACCOUNT OF HIGHWAY TRUST FUND.

3/ ISSUE AND REDEMPTION OF SHORT-TERM NOTES OR REFUNDING BONDS ARE EXCLUDED. INTEREST IS INCLUDED. PREMIUMS AND DISCOUNTS ON SALE OF BONDS ARE INCLUDED WITH "INVESTMENT INCOME AND OTHER RECEIPTS"; REDEMPTION PREMIUMS AND DISCOUNTS ARE INCLUDED WITH "INTEREST ON DEBT".

4/ NEGATIVE NUMBERS INDICATE THAT FUNDS WERE PLACED IN RESERVES.

5/ INCLUDES \$75.4 MILLION PAID TO TERRITORIES.

6/ INCLUDES \$201.6 MILLION OF FEDERAL-AID HIGHWAY FUNDS FOR RESEARCH AND PLANNING.

ESTIMATED LONG-TERM HIGHWAY OBLIGATIONS ISSUED, REDEEMED AND OUTSTANDING, 1987 - 1990¹

TABLE HB-2
OCTOBER 1991

(MILLIONS OF DOLLARS)

	1987			1988			1989			1990 2/		
	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL
OBLIGATIONS ISSUED DURING THE YEAR 3/												
STATE	205	1,722	1,927	128	2,256	2,384	1,388	1,708	3,096	847	2,386	3,233
COUNTY AND TOWNSHIP	-	451	451	79	488	567	-	571	571	-	580	580
MUNICIPAL	21	1,403	1,424	-	1,310	1,310	1	1,521	1,522	2	1,598	1,600
TOTAL OBLIGATIONS ISSUED	226	3,576	3,802	207	4,054	4,261	1,389	3,800	5,189	849	4,564	5,413
OBLIGATIONS REDEEMED DURING THE YEAR 4/												
STATE	250	1,375	1,625	202	1,194	1,396	334	1,729	2,063	186	1,416	1,602
COUNTY AND TOWNSHIP	53	296	349	28	325	353	5	613	618	6	744	750
MUNICIPAL	33	678	711	29	957	986	30	895	925	32	918	950
TOTAL OBLIGATIONS REDEEMED	336	2,349	2,685	259	2,476	2,735	369	3,237	3,606	224	3,078	3,302
OBLIGATIONS OUTSTANDING AT THE END OF THE YEAR												
STATE	8,474	13,889	22,363	8,400	14,951	23,351	9,454	14,930	24,384	10,115	15,900	26,015
COUNTY AND TOWNSHIP	1,903	3,351	5,254	1,954	3,514	5,468	1,999	3,744	5,743	1,993	3,580	5,573
MUNICIPAL	625	8,323	8,948	596	8,676	9,272	566	9,023	9,589	536	9,703	10,239
TOTAL OBLIGATIONS OUTSTANDING	11,002	25,563	36,565	10,950	27,141	38,091	12,019	27,697	39,716	12,644	29,183	41,827

1/ STATE DATA ARE FOR CALENDAR YEAR; LOCAL DATA ARE FOR VARYING FISCAL YEARS
2/ 1990 DATA ESTIMATED FOR LOCAL GOVERNMENTS.

3/ REFUNDING ISSUES ARE NOT INCLUDED.
4/ REDEMPTIONS BY REFUNDING ARE NOT INCLUDED.

STATUS OF THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEAR ENDED SEPTEMBER 30, 1990

TABLE FE-10
AUGUST 1991

ITEM	HIGHWAYS	MASS TRANSIT ACCOUNT 2/	TOTAL
I. OPENING BALANCE:	\$10,550,998,969.92	\$6,057,342,174.21	\$16,608,341,144.13
II. RECEIPTS:			
A. EXCISE TAXES (TRANSFERRED GENERAL FUND RECEIPTS)			
1. GASOLINE	8,152,048,794.00	1,107,047,000.00	9,259,095,794.00
2. GASOHOL	153,539,000.00	71,781,000.00	225,320,000.00
3. DIESEL AND SPECIAL MOTOR FUELS	2,958,594,002.00	281,195,000.00	3,239,789,002.00
4. TIRES	254,793,400.00	-	254,793,400.00
5. TRUCKS AND TRAILERS	1,112,260,431.00	-	1,112,260,431.00
6. FEDERAL USE TAX	583,715,541.00	-	583,715,541.00
7. REPEALED TAXES 3/	(287,716.00)	-	(287,716.00)
8. FINES AND PENALTIES	6,846,787.42	-	6,846,787.42
9. TOTAL EXCISE TAXES	13,221,510,239.42	1,460,023,000.00	14,681,533,239.42
B. DEDUCT - REIMBURSEMENT TO GENERAL FUND RECEIPTS (REFUNDS AND TAX CREDITS)			
1. GASOLINE USED ON FARMS	150,496,370.00	-	150,496,370.00
2. GASOLINE USED FOR ALL OTHER NONHIGHWAY PURPOSES OR LOCAL TRANSIT SYSTEMS	44,190,470.00	-	44,190,470.00
3. TAXICAB FUEL	1,667,330.00	-	1,667,330.00
4. FUEL USED IN COMMERCIAL FISHING VESSELS	23,728,510.00	-	23,728,510.00
5. GASOHOL (TAX PAID GASOLINE)	75,940,310.00	-	75,940,310.00
6. AVIATION FUELS USED ON FARMS	3,189,600.00	-	3,189,600.00
7. GASOLINE, OTHER	297,650,100.00	64,774,000.00	362,424,100.00
8. DIESEL FUELS	38,603,200.00	-	38,603,200.00
9. GASOLINE, DIESEL, AND ALCOHOL MIXTURES	961,900.00	-	961,900.00
10. TOTAL	636,427,790.00	64,774,000.00	701,201,790.00
C. TRANSFERS			
1. TO LAND AND WATER CONSERVATION FUND	1,000,000.00	-	1,000,000.00
2. TO AQUATIC RESOURCES TRUST FUND	112,004,000.00	-	112,004,000.00
3. TOTAL	113,004,000.00	-	113,004,000.00
D. NET EXCISE TAXES	12,472,078,449.42	1,395,249,000.00	13,867,327,449.42
E. INTEREST	981,070,586.17	581,321,052.02	1,562,391,638.19
F. TOTAL RECEIPTS	13,453,149,035.59	1,976,570,052.02	15,429,719,087.61
III. EXPENDITURES: (CHECKS WRITTEN BASIS)			
A. FEDERAL HIGHWAY ADMINISTRATION			
1. HIGHWAYS (FEDERAL-AID)	14,068,240,257.34	-	14,068,240,257.34
2. RIGHT-OF-WAY REVOLVING FUND	2,750,326.41	-	2,750,326.41
3. HIGHWAY RELATED SAFETY GRANTS	87,228,235.47	-	87,228,235.47
4. HIGHWAY SAFETY RESEARCH AND DEVELOPMENT	6,201,513.82	-	6,201,513.82
5. TRUST FUND SHARE OTHER HIGHWAY PROGRAMS	11,720,950.69	-	11,720,950.69
6. OTHER	27,684,576.94	-	27,684,576.94
7. TOTAL	14,203,825,860.67	-	14,203,825,860.67
B. URBAN MASS TRANSPORTATION ADMINISTRATION	-	878,953,393.08	878,953,393.08
C. NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION	171,368,037.09	-	171,368,037.09
D. TOTAL EXPENDITURES	14,375,193,897.76	878,953,393.08	15,254,147,290.84
IV. BALANCES IN TRUST FUND:			
A. INVESTMENTS			
U. S. TREASURY SPECIAL CERTIFICATES OF INDEBTEDNESS 4/	9,530,031,000.00	7,148,517,000.00	16,678,548,000.00
B. UNDISBURSED BALANCES			
1. AVAILABLE FOR INVESTMENT	648.43	109.28	757.71
2. HIGHWAYS (FEDERAL-AID)	61,207,099.20	-	61,207,099.20
3. RIGHT-OF-WAY REVOLVING FUND	13,250,488.54	-	13,250,488.54
4. HIGHWAY RELATED SAFETY GRANTS	4,163,264.52	-	4,163,264.52
5. HIGHWAY SAFETY RESEARCH AND DEVELOPMENT	87,031.43	-	87,031.43
6. TRUST FUND SHARE OTHER HIGHWAY PROGRAMS	4,403,125.44	-	4,403,125.44
7. MASS TRANSIT ACCOUNT	-	6,441,723.87	6,441,723.87
8. NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION	705,868.42	-	705,868.42
9. OTHER	15,105,581.87	-	15,105,581.87
10. TOTAL	98,923,107.85	6,441,833.15	105,364,941.00
C. TOTAL BALANCE	\$9,628,954,107.85	\$7,154,958,833.15	\$16,783,912,941.00

1/ THE FUND WAS CREATED JUNE 29, 1956 WITH THE ENACTMENT OF THE HIGHWAY REVENUE ACT OF 1956.

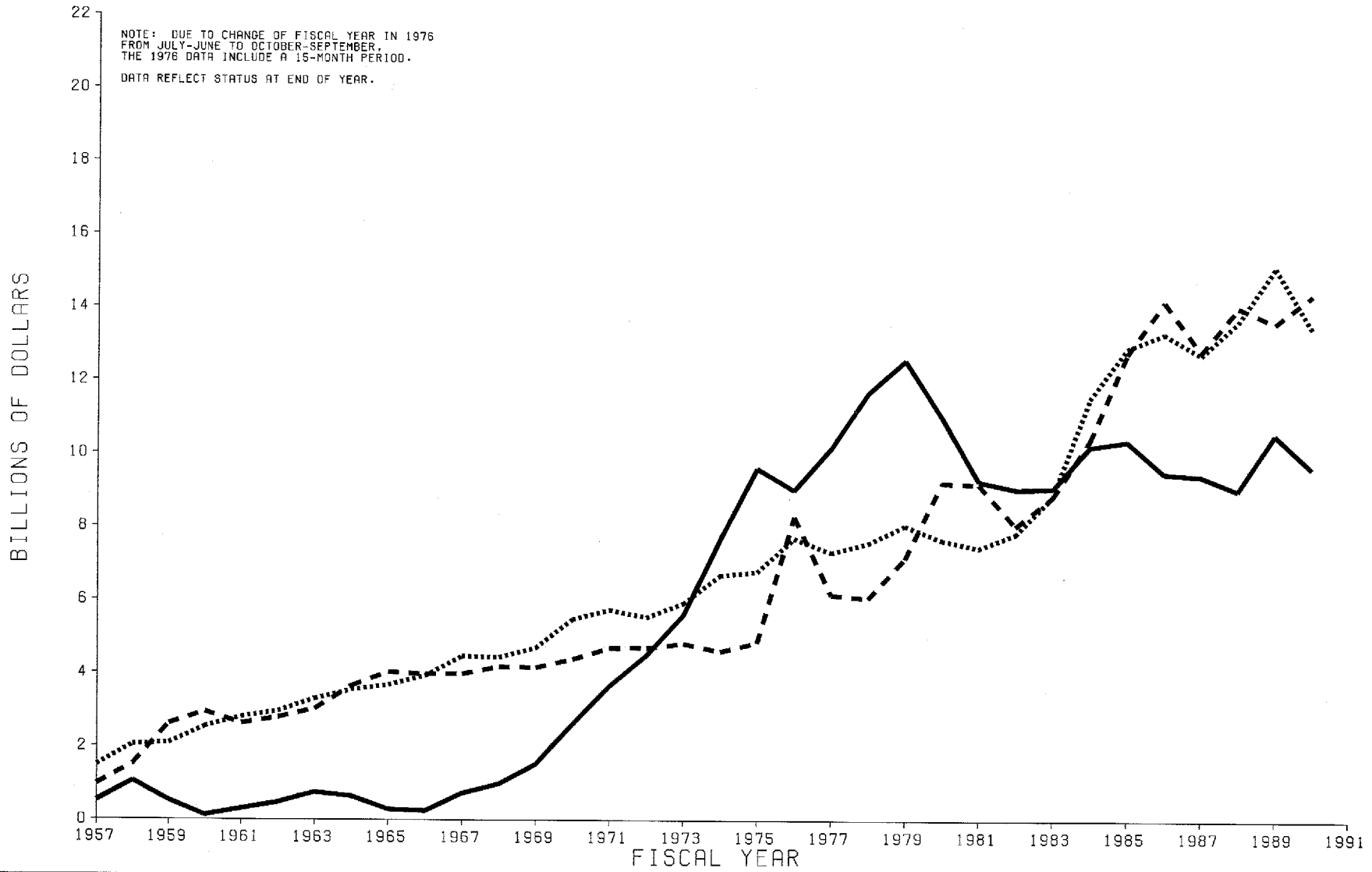
2/ THE MASS TRANSIT ACCOUNT WAS ESTABLISHED APRIL 1, 1983 WITH ENACTMENT OF THE SURFACE TRANSPORTATION ASSISTANCE ACT OF 1982.

3/ INCLUDES REPEALED TAXED ON PARTS AND ACCESSORIES, INNER TUBES, TREAD RUBBER, AND LUBRICATING OIL.

4/ CERTIFICATES HELD SEPTEMBER 30, 1990 BORE INTEREST AT 8.875 PERCENT.

STATUS OF THE FEDERAL HIGHWAY TRUST FUND

(EXCLUDES MASS TRANSIT ACCOUNT)



LEGEND

- NET INCOME INCLUDING INTEREST
- OUTLAYS
- HTF BALANCE

**FEDERAL HIGHWAY TRUST FUND RECEIPTS
ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE ¹**

FISCAL YEAR 1990

TABLE FE-9
SHEET 1 OF 2
FEBRUARY 1991

(THOUSANDS OF DOLLARS)

STATE	GASOLINE	GASOHOL	TOTAL GASOLINE	SPECIAL FUELS	TOTAL MOTOR FUEL 2/	STATE
	(1)	(2)	(3)	(4)	(5)	
ALABAMA	134,255	4,330	138,585	72,852	211,437	ALABAMA
ALASKA	14,578	0	14,578	7,960	22,538	ALASKA
ARIZONA	122,582	0	122,582	44,339	166,921	ARIZONA
ARKANSAS	88,041	0	88,041	52,581	140,622	ARKANSAS
CALIFORNIA	909,211	8,167	917,378	264,695	1,182,073	CALIFORNIA
COLORADO	101,579	1,560	103,139	25,555	128,694	COLORADO
CONNECTICUT	97,049	0	97,049	27,229	124,278	CONNECTICUT
DELAWARE	24,258	0	24,258	7,280	31,538	DELAWARE
DIST. OF COL.	12,559	7	12,566	3,180	15,746	DIST. OF COL.
FLORIDA	414,190	1,718	415,908	117,076	532,984	FLORIDA
GEORGIA	247,765	670	248,435	115,407	363,842	GEORGIA
HAWAII	26,215	0	26,215	3,347	29,562	HAWAII
IDAHO	27,385	1,434	28,819	15,402	44,221	IDAHO
ILLINOIS	256,369	28,283	284,652	136,956	421,608	ILLINOIS
INDIANA	141,318	13,501	154,819	100,282	255,101	INDIANA
IOWA	66,911	8,539	75,450	48,046	123,496	IOWA
KANSAS	81,277	2,187	83,464	42,000	125,464	KANSAS
KENTUCKY	100,130	8,934	109,064	70,170	179,234	KENTUCKY
LOUISIANA	134,118	1,166	135,284	51,030	186,314	LOUISIANA
MAINE	41,625	0	41,625	16,824	58,449	MAINE
MARYLAND	146,527	0	146,527	48,370	194,897	MARYLAND
MASSACHUSETTS	174,495	0	174,495	39,559	214,054	MASSACHUSETTS
MICHIGAN	272,864	8,909	281,773	72,897	354,670	MICHIGAN
MINNESOTA	128,655	3,772	132,427	45,681	178,108	MINNESOTA
MISSISSIPPI	85,943	0	85,943	43,726	129,669	MISSISSIPPI
MISSOURI	180,429	3,474	183,903	88,390	272,293	MISSOURI
MONTANA	29,441	2	29,443	16,461	45,904	MONTANA
NEBRASKA	33,293	5,997	39,290	28,652	67,942	NEBRASKA
NEVADA	41,302	826	42,128	17,692	59,820	NEVADA
NEW HAMPSHIRE	37,096	0	37,096	8,204	45,300	NEW HAMPSHIRE
NEW JERSEY	244,659	0	244,659	61,991	306,650	NEW JERSEY
NEW MEXICO	44,227	3,790	48,017	28,365	76,382	NEW MEXICO
NEW YORK	399,612	0	399,612	97,153	496,765	NEW YORK
NORTH CAROLINA	231,990	0	231,990	84,644	316,634	NORTH CAROLINA
NORTH DAKOTA	20,280	840	21,120	12,719	33,839	NORTH DAKOTA
OHIO	272,600	21,195	293,795	143,164	436,959	OHIO
OKLAHOMA	114,778	0	114,778	53,401	168,179	OKLAHOMA
OREGON	95,061	0	95,061	42,956	138,017	OREGON
PENNSYLVANIA	328,481	0	328,481	126,159	454,640	PENNSYLVANIA
RHODE ISLAND	26,415	0	26,415	7,273	33,688	RHODE ISLAND
SOUTH CAROLINA	117,891	1,824	119,715	55,542	175,257	SOUTH CAROLINA
SOUTH DAKOTA	21,822	1,250	23,072	12,765	35,837	SOUTH DAKOTA
TENNESSEE	153,023	8,260	161,283	80,346	241,629	TENNESSEE
TEXAS	585,179	4,792	589,971	194,752	784,723	TEXAS
UTAH	52,137	10	52,147	22,046	74,193	UTAH
VERMONT	19,506	0	19,506	6,364	25,870	VERMONT
VIRGINIA	194,614	5,570	200,184	78,503	278,687	VIRGINIA
WASHINGTON	156,816	1,420	158,236	49,643	207,879	WASHINGTON
WEST VIRGINIA	58,052	0	58,052	24,574	82,626	WEST VIRGINIA
WISCONSIN	141,860	1,053	142,913	58,941	201,854	WISCONSIN
WYOMING	21,331	59	21,390	23,119	44,509	WYOMING
TOTAL	7,471,794	153,539	7,625,333	2,896,263	10,521,596	TOTAL

**FEDERAL HIGHWAY TRUST FUND RECEIPTS
ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE ¹**

FISCAL YEAR 1990

TABLE FE-9
SHEET 2 OF 2
FEBRUARY 1991

(THOUSANDS OF DOLLARS)

STATE	FEDERAL USE TAX	TRUCKS AND TRAILERS	TIRES	REPEALED TAXES 3/	TOTAL RECEIPTS	STATE
	(6)	(7)	(8)	(9)	(10)	
ALABAMA	14,683	27,977	6,409	-6	260,500	ALABAMA
ALASKA	1,604	3,057	700	-1	27,898	ALASKA
ARIZONA	8,936	17,028	3,901	-4	196,782	ARIZONA
ARKANSAS	10,597	20,193	4,626	-4	176,034	ARKANSAS
CALIFORNIA	53,346	101,651	23,286	-32	1,360,324	CALIFORNIA
COLORADO	5,150	9,814	2,248	-4	145,902	COLORADO
CONNECTICUT	5,488	10,457	2,395	-3	142,615	CONNECTICUT
DELAWARE	1,467	2,796	640	-1	36,440	DELAWARE
DIST. OF COL.	641	1,221	280	0	17,888	DIST. OF COL.
FLORIDA	23,596	44,961	10,300	-15	611,826	FLORIDA
GEORGIA	23,259	44,320	10,153	-9	441,565	GEORGIA
HAWAII	675	1,285	295	-1	31,816	HAWAII
IDAHO	3,104	5,915	1,355	-1	54,594	IDAHO
ILLINOIS	27,601	52,595	12,048	-13	513,839	ILLINOIS
INDIANA	20,211	38,512	8,822	-7	322,639	INDIANA
IOWA	9,683	18,451	4,227	-4	155,853	IOWA
KANSAS	8,465	16,130	3,695	-3	153,751	KANSAS
KENTUCKY	14,142	26,948	6,173	-5	226,492	KENTUCKY
LOUISIANA	10,285	19,597	4,489	-5	220,680	LOUISIANA
MAINE	3,391	6,461	1,480	-2	69,779	MAINE
MARYLAND	9,749	18,576	4,255	-5	227,472	MARYLAND
MASSACHUSETTS	7,973	15,192	3,480	-6	240,693	MASSACHUSETTS
MICHIGAN	14,692	27,995	6,413	-10	403,760	MICHIGAN
MINNESOTA	9,207	17,543	4,019	-5	208,872	MINNESOTA
MISSISSIPPI	8,813	16,792	3,847	-3	159,118	MISSISSIPPI
MISSOURI	17,814	33,945	7,776	-7	331,821	MISSOURI
MONTANA	3,318	6,322	1,448	-1	56,991	MONTANA
NEBRASKA	5,775	11,003	2,521	-2	87,239	NEBRASKA
NEVADA	3,566	6,794	1,556	-2	71,734	NEVADA
NEW HAMPSHIRE	1,654	3,151	722	-1	50,826	NEW HAMPSHIRE
NEW JERSEY	12,494	23,807	5,454	-8	348,397	NEW JERSEY
NEW MEXICO	5,717	10,893	2,495	-2	95,485	NEW MEXICO
NEW YORK	19,580	37,310	8,547	-14	562,188	NEW YORK
NORTH CAROLINA	17,059	32,506	7,446	-8	373,637	NORTH CAROLINA
NORTH DAKOTA	2,563	4,885	1,119	-1	42,405	NORTH DAKOTA
OHIO	28,852	54,980	12,595	-13	533,373	OHIO
OKLAHOMA	10,763	20,508	4,698	-4	204,144	OKLAHOMA
OREGON	8,657	16,496	3,779	-4	166,945	OREGON
PENNSYLVANIA	25,426	48,449	11,099	-12	539,602	PENNSYLVANIA
RHODE ISLAND	1,466	2,793	640	-1	38,586	RHODE ISLAND
SOUTH CAROLINA	11,194	21,330	4,886	-5	212,662	SOUTH CAROLINA
SOUTH DAKOTA	2,573	4,902	1,123	-1	44,434	SOUTH DAKOTA
TENNESSEE	16,193	30,856	7,068	-7	295,739	TENNESSEE
TEXAS	39,249	74,791	17,133	-21	915,875	TEXAS
UTAH	4,443	8,466	1,939	-2	89,039	UTAH
VERMONT	1,283	2,444	560	-1	30,156	VERMONT
VIRGINIA	15,822	30,148	6,906	-8	331,555	VIRGINIA
WASHINGTON	10,005	19,064	4,367	-6	241,309	WASHINGTON
WEST VIRGINIA	4,953	9,437	2,162	-2	99,176	WEST VIRGINIA
WISCONSIN	11,879	22,635	5,185	-5	241,548	WISCONSIN
WYOMING	4,659	8,878	2,034	-1	60,079	WYOMING
TOTAL	583,715	1,112,260	254,794	-288	12,472,077	TOTAL

1/ TOTAL FEDERAL HIGHWAY TRUST FUND RECEIPTS ARE REPORTED BY THE U.S. DEPARTMENT OF THE TREASURY. PAYMENTS INTO THE HIGHWAY TRUST FUND ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE ARE ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION.

2/ EXCLUDES THE ONE CENT PER GALLON TAX ON MOTOR FUEL TRANSFERRED TO THE MASS TRANSIT ACCOUNT.

3/ LUBRICATING OIL, TRUCK PARTS AND ACCESSORIES, INNER TUBES, AND TREAD RUBBER.

**COMPARISON OF FEDERAL HIGHWAY TRUST FUND RECEIPTS ATTRIBUTABLE
TO THE STATES AND FEDERAL-AID APPORTIONMENTS FROM THE FUND¹**

FISCAL YEARS 1957 - 1990

TABLE FE-221
FEBRUARY 1991

STATE	(THOUSANDS OF DOLLARS)								RATIO - APPORTIONMENTS/PAYMENTS	
	PAYMENTS INTO THE FUND ^{2/}				APPORTIONMENTS FROM THE FUND ^{3/}				FISCAL YEAR 1990	CUMULATED SINCE 7-1-58
	FISCAL YEAR 1990	PERCENT OF TOTAL	CUMULATED SINCE 7-1-58	PERCENT OF TOTAL	FISCAL YEAR 1990	PERCENT OF TOTAL	CUMULATED SINCE 7-1-58	PERCENT OF TOTAL		
ALABAMA	280,500	2.089	4,066,818	1.871	240,784	1.692	5,121,186	2.050	0.92	1.28
ALASKA	27,899	0.224	400,697	0.184	186,582	1.170	3,074,801	1.231	5.97	7.67
ARIZONA	196,782	1.578	2,802,319	1.289	177,394	1.248	3,885,874	1.548	0.90	1.38
ARKANSAS	176,034	1.411	2,747,450	1.264	151,472	1.084	2,672,277	1.070	0.86	0.97
CALIFORNIA	1,360,324	10.907	22,098,267	10.166	1,495,287	10.508	19,999,843	8.008	1.10	0.90
COLORADO	145,902	1.170	2,796,320	1.286	246,224	1.730	3,965,416	1.588	1.69	1.42
CONNECTICUT	142,615	1.143	2,840,037	1.214	353,601	2.484	4,462,876	1.787	2.48	1.69
DELAWARE	36,440	0.292	647,944	0.299	52,521	0.369	985,801	0.395	1.44	1.52
DIST. OF COL.	17,868	0.143	429,475	0.198	98,596	0.679	1,733,275	0.694	5.40	4.04
FLORIDA	611,828	4.908	9,018,613	4.149	368,877	2.592	8,282,024	3.316	0.60	0.92
GEORGIA	441,565	3.540	6,462,393	2.973	400,091	2.811	6,443,331	2.580	0.91	1.00
HAWAII	31,816	0.255	545,910	0.251	235,364	1.854	1,918,724	0.768	7.40	3.51
IDAHO	54,594	0.438	1,018,827	0.469	78,859	0.540	1,907,967	0.764	1.41	1.87
ILLINOIS	513,839	4.120	9,519,364	4.379	526,393	3.698	10,745,369	4.302	1.02	1.13
INDIANA	322,639	2.587	5,838,286	2.732	272,403	1.914	5,188,049	2.076	0.84	0.87
IOWA	155,853	1.250	3,126,932	1.438	202,155	1.420	3,667,508	1.468	1.30	1.17
KANSAS	153,751	1.233	2,837,505	1.305	146,279	1.028	3,200,866	1.282	0.95	1.13
KENTUCKY	226,482	1.816	3,573,354	1.644	186,771	1.312	4,228,023	1.693	0.82	1.18
LOUISIANA	220,680	1.789	4,061,225	1.868	214,592	1.508	5,889,075	2.278	0.97	1.40
MAINE	69,779	0.559	1,187,003	0.546	69,881	0.491	1,311,248	0.525	1.00	1.10
MARYLAND	227,472	1.824	3,773,908	1.736	438,072	3.078	6,058,262	2.426	1.93	1.81
MASSACHUSETTS	240,693	1.930	4,536,528	2.087	898,092	6.310	5,742,104	2.299	3.73	1.27
MICHIGAN	403,780	3.237	8,312,447	3.824	322,344	2.265	7,506,331	3.005	0.80	0.90
MINNESOTA	208,872	1.675	4,026,301	1.852	196,329	1.379	5,333,459	2.135	0.94	1.32
MISSISSIPPI	159,118	1.278	2,896,447	1.240	159,965	1.124	2,822,711	1.130	1.01	1.05
MISSOURI	331,821	2.661	5,610,367	2.581	290,010	2.038	5,576,209	2.233	0.87	0.99
MONTANA	56,991	0.457	1,062,688	0.489	120,248	0.845	2,700,562	1.081	2.11	2.54
NEBRASKA	87,239	0.699	1,827,376	0.841	115,657	0.813	2,140,866	0.857	1.33	1.17
NEVADA	71,734	0.575	964,039	0.443	81,851	0.574	1,795,223	0.719	1.14	1.86
NEW HAMPSHIRE	50,826	0.408	828,954	0.381	59,244	0.418	1,244,812	0.499	1.17	1.50
NEW JERSEY	348,397	2.793	6,563,847	3.020	441,885	3.105	6,208,091	2.488	1.27	0.95
NEW MEXICO	95,485	0.766	1,670,744	0.769	111,989	0.787	2,415,153	0.967	1.17	1.45
NEW YORK	562,188	4.508	11,159,700	5.134	754,202	5.299	13,468,055	5.392	1.34	1.21
NORTH CAROLINA	373,637	2.986	6,169,746	2.838	245,258	1.723	5,181,157	2.074	0.86	0.84
NORTH DAKOTA	42,405	0.340	814,991	0.375	77,207	0.542	1,578,570	0.632	1.82	1.94
OHIO	533,373	4.277	10,161,366	4.674	505,953	3.555	9,302,588	3.725	0.95	0.92
OKLAHOMA	204,144	1.637	3,793,643	1.745	196,022	1.377	3,232,468	1.294	0.96	0.85
OREGON	186,945	1.339	2,829,157	1.301	142,408	1.001	3,584,128	1.435	0.85	1.27
PENNSYLVANIA	539,602	4.326	10,139,710	4.664	541,506	3.805	11,505,825	4.607	1.00	1.13
RHODE ISLAND	38,586	0.309	733,825	0.336	124,699	0.878	1,590,216	0.637	3.23	2.17
SOUTH CAROLINA	212,862	1.705	3,185,449	1.485	206,838	1.453	2,964,738	1.187	0.97	0.93
SOUTH DAKOTA	44,434	0.356	874,441	0.402	81,942	0.576	1,707,355	0.684	1.84	1.95
TENNESSEE	295,739	2.371	4,928,666	2.287	289,516	2.027	5,298,776	2.122	0.98	1.08
TEXAS	915,875	7.343	16,850,816	7.660	863,043	6.064	14,279,154	5.717	0.94	0.86
UTAH	89,039	0.714	1,453,030	0.668	99,606	0.700	2,890,356	1.145	1.12	1.97
VERMONT	30,156	0.242	512,209	0.236	63,314	0.445	1,233,313	0.494	2.10	2.41
VIRGINIA	331,555	2.658	5,319,481	2.447	297,291	2.089	6,775,608	2.713	0.90	1.27
WASHINGTON	241,309	1.935	3,861,636	1.776	292,580	2.058	6,582,953	2.636	1.21	1.70
WEST VIRGINIA	99,178	0.795	1,777,571	0.818	135,189	0.950	4,024,407	1.811	1.36	2.26
WISCONSIN	241,548	1.937	4,362,820	2.007	218,754	1.537	3,724,016	1.491	0.91	0.85
WYOMING	60,079	0.482	859,966	0.396	94,329	0.683	1,816,689	0.727	1.57	2.11
TOTAL	12,472,077	100.000	217,381,810	100.000	14,144,258	99.375	248,715,187	99.593	1.13	1.14
AMERICAN SAMOA	--	--	--	--	2,242	0.016	13,853	0.006	--	--
GUAM	--	--	--	--	5,656	0.040	39,927	0.016	--	--
N. MARIANAS	--	--	--	--	1,655	0.012	12,559	0.005	--	--
PUERTO RICO	--	--	--	--	72,454	0.509	930,000	0.372	--	--
VIRGIN ISLANDS	--	--	--	--	6,942	0.049	48,008	0.018	--	--
GRAND TOTAL	12,472,077	100.000	217,381,810	100.000	14,233,205	100.000	249,757,532	100.000	1.14	1.15

1/ EXCLUDES THE 1 CENT PER GALLON TAX ON MOTOR FUEL TRANSFERRED TO THE MASS TRANSIT ACCOUNT AND THE 0.1 CENT PER GALLON TAX ON MOTOR FUEL DEDICATED TO THE LEAKING UNDERGROUND STORAGE TANK TRUST FUND. INCLUDES FISCAL YEAR 1991 INTERSTATE CONSTRUCTION AND INTERSTATE 4R FUNDS APPORTIONED DURING FISCAL YEAR 1990.

2/ TOTAL FEDERAL HIGHWAY TRUST FUND RECEIPTS ARE REPORTED BY THE U. S. DEPARTMENT OF THE TREASURY. PAYMENTS INTO THE HIGHWAY TRUST FUND ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE ARE ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION. INCLUDES REVENUES FROM HIGHWAY-USER TAXES ONLY. EXCLUDES INTEREST.

3/ INCLUDES ALL FUNDS APPORTIONED OR ALLOCATED FROM THE HIGHWAY TRUST FUND EXCEPT FOR THE FOLLOWING PROGRAMS: INDIAN RESERVATION ROADS, HIGHWAY SAFETY INFORMATION, AND RURAL TRANSPORTATION ASSISTANCE. THESE PROGRAMS ARE EITHER ADMINISTERED BY OTHER FEDERAL AGENCIES OR ARE TREATED AS ADMINISTRATIVE FUNDS AND CANNOT BE EASILY ATTRIBUTED TO INDIVIDUAL STATES. OBLIGATIONS ARE USED TO REPRESENT ALLOCATIONS FOR THE FOLLOWING PROGRAMS: FEDERAL LANDS, RURAL HIGHWAY PUBLIC TRANSPORTATION DEMONSTRATION, PARKWAYS AND PARK ROADS, ALCOHOL SAFETY INCENTIVE GRANTS AND THE WOODROW WILSON BRIDGE.

HIGHWAY USE OF MOTOR FUEL — 1989 ¹

(THOUSANDS OF GALLONS)

TABLE MF-27
FEBRUARY 1991

STATE	GASOLINE	GASOHOL	SPECIAL FUELS	TOTAL	PERCENT OF GRAND TOTAL
ALABAMA	1,861,551	195,725	535,136	2,592,412	1.954
ALASKA	202,128	12	58,472	260,612	0.196
ARIZONA	1,699,692	0	325,694	2,025,386	1.526
ARKANSAS	1,220,757	0	386,237	1,606,994	1.211
CALIFORNIA	12,606,884	369,185	1,944,331	14,920,400	11.243
COLORADO	1,408,472	70,522	187,715	1,666,709	1.256
CONNECTICUT	1,345,656	0	200,010	1,545,666	1.165
DELAWARE	336,356	0	53,476	389,832	0.294
DIST. OF COL.	174,143	333	23,356	197,832	0.149
FLORIDA	5,743,058	77,657	859,993	6,680,708	5.034
GEORGIA	3,435,449	30,265	847,733	4,313,447	3.250
HAWAII	363,488	0	24,587	388,075	0.292
IDAHO	379,711	64,830	113,134	557,675	0.420
ILLINOIS	3,554,745	1,278,517	1,006,016	5,839,278	4.400
INDIANA	1,959,481	610,320	736,629	3,306,430	2.492
IOWA	927,769	385,991	352,924	1,666,684	1.256
KANSAS	1,126,970	98,844	308,517	1,534,331	1.156
KENTUCKY	1,388,375	403,859	515,437	2,307,671	1.739
LOUISIANA	1,859,643	52,698	374,845	2,287,186	1.724
MAINE	577,162	0	123,581	700,743	0.528
MARYLAND	2,031,704	0	355,308	2,387,012	1.799
MASSACHUSETTS	2,419,503	0	290,583	2,710,086	2.042
MICHIGAN	3,783,459	402,714	535,470	4,721,643	3.558
MINNESOTA	1,783,898	170,499	335,550	2,289,947	1.726
MISSISSIPPI	1,191,665	0	321,191	1,512,856	1.140
MISSOURI	2,501,779	157,056	649,276	3,308,111	2.493
MONTANA	408,226	80	120,917	529,223	0.399
NEBRASKA	461,636	271,082	210,467	943,185	0.711
NEVADA	572,685	37,342	129,958	739,985	0.558
NEW HAMPSHIRE	514,367	0	60,266	574,633	0.433
NEW JERSEY	3,392,373	0	455,359	3,847,732	2.899
NEW MEXICO	613,244	171,297	208,355	992,896	0.748
NEW YORK	5,540,917	0	713,641	6,254,558	4.713
NORTH CAROLINA	3,216,720	0	621,760	3,838,480	2.893
NORTH DAKOTA	281,204	37,966	93,428	412,598	0.311
OHIO	3,779,803	958,123	1,051,620	5,789,546	4.363
OKLAHOMA	1,591,489	0	392,264	1,983,753	1.495
OREGON	1,318,093	0	315,535	1,633,628	1.231
PENNSYLVANIA	4,554,640	0	926,706	5,481,346	4.131
RHODE ISLAND	366,267	0	53,421	419,688	0.316
SOUTH CAROLINA	1,634,652	82,454	407,991	2,125,097	1.601
SOUTH DAKOTA	302,572	56,524	93,766	452,862	0.341
TENNESSEE	2,121,782	373,391	590,190	3,085,363	2.325
TEXAS	8,113,940	216,607	1,430,561	9,761,108	7.356
UTAH	722,913	472	161,940	885,325	0.667
VERMONT	270,460	0	46,744	317,204	0.239
VIRGINIA	2,698,462	251,793	576,651	3,526,906	2.658
WASHINGTON	2,174,371	64,169	364,654	2,603,194	1.962
WEST VIRGINIA	804,934	0	180,513	985,447	0.743
WISCONSIN	1,966,998	47,620	432,958	2,447,576	1.844
WYOMING	295,767	2,668	169,822	468,257	0.353
TOTAL	103,602,013	6,940,615	21,274,688	131,817,316	99.332
PUERTO RICO	788,922	0	97,226	886,148	0.668
GRAND TOTAL	104,390,935	6,940,615	21,371,914	132,703,464	100.000

1/ THE HIGHWAY USE OF FUEL SHOWN IN THIS TABLE WAS USED IN THE DEVELOPMENT OF 1990 TABLES FE-9 AND FE-221. THE DATA FOR A NUMBER OF STATES HAVE BEEN REVISED SINCE THE PUBLICATION OF "HIGHWAY STATISTICS, 1989."

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS¹

TABLE FE-101
SHEET 1 OF 2
SEPTEMBER 1991

EFFECTIVE DATE OF NEW TAX OR REVISION OF EXISTING TAX	GASOLINE (CENTS PER GALLON) 2/	DIESEL FUEL (CENTS PER GALLON) 3/	LUBRICATING OIL (CENTS PER GALLON) 4/	AUTOMOBILES (PERCENT OF MANUFACTURER'S SALES PRICE)	MOTORCYCLES (PERCENT OF MANUFACTURER'S SALES PRICE)	BUSES (PERCENT OF MANUFACTURER'S SALES PRICE)	TRUCKS 5/	TRAILERS 6/	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES 8/	TUBES 9/	TREAD RUBBER (CENTS PER POUND) 7/	USE
OCTOBER 4, 1917	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-
JANUARY 1, 1919	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	AUTOMOBILES FOR 7 OR FEWER PASSENGERS, \$20 PER YEAR; PASSENGER
FEBRUARY 26, 1919	-	-	-	5 PERCENT	5 PERCENT	5 PERCENT	5 PERCENT	-	5 PERCENT	5 PERCENT	5 PERCENT	-	-
JULY 3, 1924	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	EXEMPTED TRUCK CHASSIS SOLD FOR \$1,000 OR LESS AND TRUCK BODIES FOR \$200 OR LESS	-	2.5 PERCENT	2.5 PERCENT	2.5 PERCENT	-	-
FEBRUARY 26, 1926	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	REPEALED	-	REPEALED	REPEALED	REPEALED	-	REPEALED
MARCH 29, 1926	-	-	-	REPEALED	REPEALED	REPEALED	-	-	-	-	-	-	-
JUNE 30, 1926	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	2 PERCENT	-	2 PERCENT	2.25 CENTS PER POUND	4 CENTS PER POUND	-	-
MAY 29, 1928	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	-
JUNE 21, 1932	1 CENT	-	4 CENTS	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	-
JUNE 17, 1933	1.5 CENTS	-	-	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	-
JANUARY 1, 1934	1 CENT	-	-	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	-
JULY 1, 1940	1.5 CENTS	-	4.5 CENTS	3.5 PERCENT	3.5 PERCENT	3.5 PERCENT	2.5 PERCENT	-	2.5 PERCENT	2.5 CENTS PER POUND	4.5 CENTS PER POUND	-	-
OCTOBER 1, 1941	-	-	-	7 PERCENT	7 PERCENT	5 PERCENT	5 PERCENT	HOUSE TRAILERS, 7 PERCENT; OTHERS, 5 PERCENT	5 PERCENT	5 CENTS PER POUND	9 CENTS PER POUND	-	-
FEBRUARY 1, 1942	-	-	-	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	-	8 PERCENT	-	-	-	ALL MOTOR VEHICLES, \$5
NOVEMBER 1, 1942	-	-	6 CENTS	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	8 PERCENT 8/	8 PERCENT	-	-	-	REPEALED
JUNE 30, 1946	2 CENTS	3 CENTS	CUTTING OIL, 3 CENTS; OTHER, 6 CENTS	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	-	8 PERCENT	-	-	-	-
NOVEMBER 1, 1951	2 CENTS	3 CENTS	6 CENTS	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	-	8 PERCENT	-	-	-	-
SEPTEMBER 1, 1955	-	-	-	REPEALED	REPEALED	REPEALED	REPEALED	-	REPEALED	-	-	-	-
JULY 1, 1966	3 CENTS	3 CENTS	-	7 PERCENT	7 PERCENT	5 PERCENT	10 PERCENT	10 PERCENT 9/	5 PERCENT	8 CENTS PER POUND	8 CENTS PER POUND	3 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT, ANNUAL TAX \$1.50 PER PER 1,000 POUNDS
OCTOBER 1, 1969	4 CENTS	4 CENTS	-	7 PERCENT 10/	7 PERCENT	10 PERCENT 8/	10 PERCENT 9/	-	8 PERCENT 11/	-	-	-	-
JULY 1, 1981	-	-	-	6 PERCENT	6 PERCENT	10 PERCENT 8/	10 PERCENT 9/	-	8 PERCENT 11/	-	-	-	-
JUNE 26, 1985	-	-	6 CENTS 11/	7 PERCENT	7 PERCENT	10 PERCENT 8/	10 PERCENT 9/	-	8 PERCENT 11/	-	-	-	-
JANUARY 1, 1986	-	-	-	REPEALED	REPEALED	REPEALED	REPEALED	-	REPEALED	-	-	-	-
MARCH 16, 1986	-	-	-	REPEALED	REPEALED	REPEALED	REPEALED	-	REPEALED	-	-	-	-
AUGUST 16, 1971	-	-	-	REPEALED	REPEALED	REPEALED	REPEALED	-	REPEALED	-	-	-	-
NOVEMBER 10, 1978	4 CENTS 12/ 13/	4 CENTS 13/	6 CENTS 12/ 13/	-	-	REPEALED 13/	REPEALED 13/	-	9 PERCENT 13/ 14/	10 CENTS PER POUND 13/	10 CENTS PER POUND 13/	5 CENTS 13/	-
JANUARY 1, 1981	-	-	-	-	-	-	-	-	-	-	-	-	-
JANUARY 7, 1983	-	-	REPEALED	-	-	-	10 PERCENT 6/ 16/	10 PERCENT 6/ 16/	REPEALED	-	-	-	-
APRIL 1, 1983	9 CENTS 13/ 17/	9 CENTS 13/ 17/	-	-	-	-	12 PERCENT 8/ 16/	12 PERCENT 8/ 16/	-	-	-	-	-

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS¹

EFFECTIVE DATE	GASOLINE	DIESEL	LUBRICATING	AUTOMOBILES	MOTORCYCLES	BUSES	TRUCKS	TRAILERS	PARTS AND ACCESSORIES	TIRES	TIRES	THREAD RUBBER	USE
REVISION OF EXISTING TAX	(CENTS PER GALLON)	(CENTS PER GALLON)	(CENTS PER GALLON)	(PERCENT OF MANUFACTURER'S SALES PRICE)	(PERCENT OF MANUFACTURER'S SALES PRICE)	(PERCENT OF MANUFACTURER'S SALES PRICE)	(PERCENT OF MANUFACTURER'S SALES PRICE)	(PERCENT OF MANUFACTURER'S SALES PRICE)	(PERCENT OF MANUFACTURER'S SALES PRICE)	(CENTS PER TIRE)	(CENTS PER POUND)	(CENTS PER POUND)	
JANUARY 1, 1984	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
DECEMBER 1, 1980	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
JANUARY 1, 1987	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
AUGUST 1, 1984	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
JULY 1, 1984	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
JANUARY 1, 1984	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
JANUARY 1, 1982	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
CHANGED UNDER	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
EXISTING RATES	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
JANUARY 1, 1982	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
TERMINATION	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
EXISTING LAWS	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
CHANGED UNDER	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
TERMINATION	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
EXISTING LAWS	14.1	14.1	16.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

TABLE FE-101
SHEET 2 OF 2
SEPTEMBER 1981

1/ ALL TYPES ARE MANUFACTURERS EXCISE TAXES EXCEPT SPECIAL FUEL, DIESEL FUEL, AND THE USE TAX. SPECIAL FUEL AND DIESEL FUEL TAXES ARE RETAILER'S EXCISE TAXES. EFFECTIVE APRIL 1, 1983 THE TRUCK AND TRAILER EXCISE TAXES ARE RETAILER'S EXCISE TAXES. THE USE TAX IS AN EXCISE TAX ON USERS. EFFECTIVE APRIL 1, 1988 THE DIESEL FUEL TAX IS A WHOLE-SALER'S EXCISE TAX.

2/ INCLUDES GASOLINE AND CLOSED-RELATED FUELS USED IN THE PRODUCTION OF MOTOR VEHICLES, MOTORBOATS, OR OTHER PRODUCTS. THE GASOLINE TAX APPLIES TO ALL GASOLINE REPORTED IN NONREGISTERED MOTOR VEHICLES. THE GASOLINE TAX APPLIES TO HIGHWAY USE. SPECIAL FUELS USED FOR HIGHWAY USE.

3/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

4/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

5/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

6/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

7/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

8/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

9/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

10/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

11/ CUTTING OIL AND AUTOMOBILE PARTS MANUFACTURERS ARE EXEMPT FROM EXCISE TAXES. THE EXCISE TAX ON OTHER LUBRICATING OILS IS 2 CENTS PER GALLON FOR NONHIGHWAY USE. EFFECTIVE JANUARY 1, 1979 THROUGH DECEMBER 31, 1982, ONLY FOR OFF-HIGHWAY BUSINESS USE. SPECIAL FUEL IS TAXED AT THE FULL RATE EXCEPT TAX IS 2 CENTS FOR OFF-HIGHWAY BUSINESS USE. AND THE TAX ON LUBRICATING OIL IS REFUNDABLE ONLY FOR OFF-HIGHWAY USE. EFFECTIVE JANUARY 1, 1979 THROUGH DECEMBER 31, 1982, THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE.

12/ BECAME REFUNDABLE FOR NONHIGHWAY USE. EFFECTIVE APRIL 1, 1983 THE TRUCK AND TRAILER EXCISE TAXES ARE RETAILER'S EXCISE TAXES. THE USE TAX IS AN EXCISE TAX ON USERS. EFFECTIVE APRIL 1, 1988 THE DIESEL FUEL TAX IS A WHOLE-SALER'S EXCISE TAX.

13/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

14/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

15/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

16/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

17/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

18/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

19/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

20/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

21/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

22/ TAXES PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS ARE FULLY REFUNDABLE. THE TAX PAID ON MOTOR FUELS USED IN CERTAIN TRUCKS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 1, 1977 ARE REFUNDABLE. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT FROM THE EXCISE TAX.

NET REVENUES TO THE HIGHWAY TRUST FUND ¹

FISCAL YEARS 1957-1990

TABLE FE-201
SEPTEMBER 1991

(MILLIONS OF DOLLARS)

YEAR	FROM EXCISE TAXES									INTEREST ON INVESTMENTS	TOTAL
	MOTOR FUEL	TIRES	INNER TUBES	TREAD RUBBER	TRUCKS, BUSES, AND TRAILERS	USE	LUBRICATING OIL	PARTS AND ACCESSORIES	TOTAL		
1957	1,326	82	-	11	34	26	-	-	1,479	3	1,482
1958	1,608	244	17	13	111	33	-	-	2,026	18	2,044
1959	1,657	247	15	14	107	34	-	-	2,074	13	2,087
1960	2,044	281	19	15	142	38	-	-	2,539	-3	2,536
1961	2,361	246	15	14	115	47	-	-	2,798	1	2,799
1962	2,374	327	17	23	128	80	-	-	2,949	7	2,956
1963	2,462	366	19	24	311	97	-	-	3,279	14	3,293
1964	2,643	369	22	22	357	106	-	-	3,519	20	3,539
1965	2,736	382	24	24	393	99	-	-	3,658	11	3,669
1966	2,846	442	30	25	442	102	23	7	3,917	7	3,924
1967	3,124	482	33	28	525	112	68	69	4,441	14	4,455
1968	3,098	468	19	25	510	98	82	81	4,379	33	4,412
1969	3,181	551	28	30	541	129	83	94	4,637	53	4,690
1970	3,693	588	26	28	700	137	95	87	5,354	115	5,469
1971	3,934	576	23	30	693	148	52	85	5,541	184	5,725
1972	3,893	632	24	27	436	150	73	87	5,322	206	5,528
1973	4,159	721	29	31	380	161	80	104	5,665	247	5,912
1974	4,301	838	33	24	614	225	84	131	6,260	415	6,675
1975	4,340	744	33	20	602	222	84	143	6,188	586	6,774
1976	4,219	546	25	23	219	209	56	116	5,413	587	6,000
TRANSITION QUARTER 2/	1,226	210	8	7	50	110	26	39	1,676	13	1,689
1977	4,707	758	30	25	708	240	76	165	6,709	593	7,302
1978	4,722	762	31	25	851	246	80	188	6,905	662	7,567
1979	4,834	809	38	20	944	235	84	225	7,189	857	8,046
1980	4,421	633	26	21	912	277	77	253	6,620	1,027	7,647
1981	4,450	599	26	19	664	237	76	234	6,305	1,129	7,434
1982	4,714	626	23	23	725	333	76	224	6,744	1,078	7,822
1983 3/ HIGHWAYS MASS TRANSIT TOTAL	6,530 520 7,050	577 - 577	20 - 20	19 - 19	338 - 338	236 - 236	9 - 9	48 - 48	7,777 520 8,297	1,076 2 1,078	8,853 522 9,375
1984 HIGHWAYS MASS TRANSIT TOTAL	9,169 1,236 10,405	320 - 320	8 - 8	4 - 4	864 - 864	180 - 180	-10 - -10	-28 - -28	10,507 1,236 11,743	1,026 89 1,115	11,533 1,325 12,858
1985 HIGHWAYS MASS TRANSIT TOTAL	9,812 1,214 11,026	224 - 224	-1 - -1	-1 - -1	1,396 - 1,396	379 - 379	-10 - -10	1 - 1	11,800 1,214 13,014	1,106 206 1,312	12,906 1,420 14,326
1986 HIGHWAYS MASS TRANSIT TOTAL	10,254 1,113 11,367	320 - 320	- - -	- - -	1,144 - 1,144	533 - 533	-1 - -1	1 - 1	12,251 1,113 13,364	1,054 283 1,337	13,305 1,396 14,701
1987 HIGHWAYS MASS TRANSIT TOTAL	10,158 1,239 11,397	292 - 292	- - -	- - -	724 - 724	620 - 620	- - -	-1 - -1	11,793 1,239 13,032	934 344 1,278	12,727 1,583 14,310
1988 HIGHWAYS MASS TRANSIT TOTAL	10,647 1,278 11,925	334 - 334	- - -	- - -	1,277 - 1,277	581 - 581	- - -	4/ -3 - -3	12,836 1,278 14,114	809 384 1,193	13,645 1,662 15,307
1989 HIGHWAYS MASS TRANSIT TOTAL	12,195 1,270 13,465	316 - 316	- - -	- - -	1,240 - 1,240	608 - 608	- - -	4/ -1 - -1	14,358 1,270 15,628	776 469 1,245	15,134 1,739 16,873
1990 HIGHWAYS MASS TRANSIT TOTAL	10,522 1,395 11,917	255 - 255	- - -	- - -	1,112 - 1,112	584 - 584	- - -	- - -	12,472 1,395 13,868	961 581 1,542	13,433 1,977 15,410

1/ ALL AMOUNTS ARE NET AFTER PAYMENT OF REFUNDS AND TRANSFERS. SEE TABLE FE-101 FOR EXPLANATION OF THE VARIOUS TAXES DEPOSITED IN THE TRUST FUND.

2/ THE TRANSITION QUARTER INCLUDES THE MONTHS OF JULY, AUGUST, AND SEPTEMBER 1976.

3/ EFFECTIVE APRIL 1, 1983, 1 CENT PER GALLON OF THE MOTOR-FUEL TAX IS DEPOSITED IN THE MASS TRANSIT ACCOUNT WITHIN THE FEDERAL HIGHWAY TRUST FUND. EFFECTIVE DECEMBER 1, 1990, THE DEPOSIT IS RAISED TO 1.5 CENTS PER GALLON.

4/ INCLUDES REFUNDS OF REPEALED TAXES ON INNER TUBES, TREAD RUBBER, LUBRICATING OIL, AND TRUCK PARTS AND ACCESSORIES.

EXPENDITURE OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION¹ DURING CALENDAR YEAR 1990

COMPILED FOR THE CALENDAR YEAR
FROM RECORDS OF OFFICE OF FISCAL SERVICES

(THOUSANDS OF DOLLARS)

TABLE FA-3
SEPTEMBER 1991

STATE	FEDERAL - AID HIGHWAY FUNDS - PAID FROM HIGHWAY TRUST FUND												OTHER FUNDS ³	TOTAL
	PRIMARY	SECONDARY	URBAN	INTERSTATE	INTERSTATE RESURFACING	EIGHTY-FIVE PERCENT MINIMUM ALLOCATION FUNDS	PLANNING AND RESEARCH	HIGHWAY SAFETY	BRIDGE REPLACEMENT	EMERGENCY RELIEF	OTHER ²	FEDERAL - AID TOTAL		
ALABAMA	43,443	12,975	8,672	98,434	66,359	-	3,143	6,367	53,004	1,315	841	292,552	17,759	310,312
ALASKA	68,949	28,383	2,372	11,444	13,081	-	2,188	2,781	4,753	984	4,620	139,554	108	139,662
ARIZONA	11,918	9,630	9,622	30,274	67,262	28,799	1,496	4,130	5,036	(5)	9,212	177,374	2,701	180,075
ARKANSAS	27,080	10,747	4,170	15,433	22,225	27,577	1,743	3,520	19,631	80	11,419	143,825	1,186	144,811
CALIFORNIA	248,986	7,992	82,370	380,304	283,094	160,713	25,480	36,295	47,019	90,941	112,107	1,475,302	11,911	1,487,213
COLORADO	39,145	11,651	7,309	123,932	53,398	-	3,259	3,221	14,956	-	12,089	269,960	479	269,439
CONNECTICUT	40,774	2,103	9,608	278,286	39,285	-	3,696	2,951	60,053	80	285	435,081	2,351	437,432
DELAWARE	11,052	2,644	3,169	21,321	3,394	-	733	1,354	2,432	429	3,725	50,253	18	50,271
DIST. OF COL.	14,720	-	3,302	24,797	23,719	-	1,266	2,053	7,907	1	3,246	81,011	1,875	82,887
FLORIDA	48,933	4,772	28,465	157,025	104,980	25,848	10,442	9,580	49,952	889	725	441,612	4,528	446,140
GEORGIA	46,520	15,754	7,408	58,422	85,334	86,835	4,827	11,365	31,563	-	24,849	372,878	13,679	386,758
HAWAII	9,724	3,042	3,422	108,329	4,246	-	2,024	992	2,574	-	1,157	135,510	199	135,709
IDAHO	14,427	6,320	5,539	48,310	20,476	-	1,292	2,046	3,499	9,112	14,434	125,455	1	125,457
ILLINOIS	58,011	22,480	36,318	166,788	103,823	4,111	3,932	14,280	61,871	-	4,415	475,810	8,977	484,787
INDIANA	57,703	11,473	13,886	12,796	60,546	50,447	3,023	7,225	40,997	-	6,410	264,506	2,927	267,434
IOWA	36,488	16,115	4,615	43,433	30,739	-	2,395	7,419	46,708	-	15,769	203,681	263	203,944
KANSAS	32,304	10,340	9,963	20,013	35,864	37	2,052	9,695	37,587	24	7,585	185,463	34	185,497
KENTUCKY	24,584	9,204	3,624	41,403	40,080	3,085	2,819	4,244	25,570	215	3,111	158,018	19,941	177,960
LOUISIANA	38,957	7,743	12,869	152,050	50,717	-	5,063	8,585	22,132	-	3,122	301,238	6	301,244
MAINE	15,343	1,630	2,853	21,189	13,867	411	1,265	2,657	8,852	300	238	68,615	-	68,615
MARYLAND	23,072	4,936	8,912	221,522	53,054	-	2,995	1,336	22,544	-	17,373	355,746	8,369	364,134
MASSACHUSETTS	10,066	4,533	10,371	19,272	126,211	6,734	6,734	2,268	26,948	882	127	207,414	451	207,864
MICHIGAN	63,217	17,021	28,619	55,522	74,164	31,052	6,857	15,072	21,150	23	6,084	318,781	(534)	318,247
MINNESOTA	25,451	493	8,607	138,654	48,047	-	3,071	9,635	5,579	31	29,185	268,754	867	269,621
MISSISSIPPI	32,104	9,680	3,911	8,202	33,306	16,896	1,751	5,752	21,225	(12)	9,497	142,111	6,053	148,163
MISSOURI	63,836	20,612	7,696	16,517	57,426	34,185	4,423	6,483	72,161	-	5,521	289,062	1,433	290,495
MONTANA	29,286	11,218	4,858	10,671	30,522	1,831	1,831	1,735	6,773	161	7,330	104,384	2,951	107,335
NEBRASKA	25,361	4,652	3,502	23,325	13,333	-	2,023	3,197	16,551	-	3,098	95,042	4,532	99,574
NEVADA	23,495	3,019	2,694	17,559	17,891	-	1,155	2,787	11,738	639	5,869	86,845	1,326	88,171
NEW HAMPSHIRE	10,013	3,502	860	9,300	12,075	-	789	1,973	15,341	-	2,889	54,142	5	54,146
NEW JERSEY	40,756	5,989	29,056	189,929	12,075	-	6,700	5,286	57,183	5,037	138	371,104	(215)	370,889
NEW MEXICO	24,809	12,256	2,747	5,662	39,350	-	1,386	710	4,947	9	5,403	97,278	825	98,104
NEW YORK	115,434	11,531	27,925	124,804	83,582	-	10,487	15,629	147,152	356	47,620	584,320	3,108	587,429
NORTH CAROLINA	85,238	9,394	16,033	55,708	83,626	74,389	4,163	6,088	38,493	4	9,014	382,146	4,006	386,156
NORTH DAKOTA	9,017	7,064	3,553	8,792	19,134	-	1,636	3,530	6,335	-	9,056	68,116	1,376	69,492
OHIO	62,883	13,668	22,926	28,191	105,761	101,102	7,279	12,448	55,859	-	1,005	410,921	3,552	414,473
OKLAHOMA	32,180	12,020	5,130	3,117	28,422	49,304	2,334	3,631	30,251	548	1,436	168,373	126	168,499
OREGON	25,051	4,129	5,300	36,277	33,752	2,015	2,444	3,133	23,397	4	9,309	144,811	4,663	149,474
PENNSYLVANIA	124,041	15,154	13,992	337,014	77,521	-	12,168	16,926	124,440	356	28,683	750,294	16,859	767,153
RHODE ISLAND	8,417	3,224	2,508	81,042	3,604	-	(511)	1,197	3,697	-	3,850	107,028	71	107,099
SOUTH CAROLINA	17,294	4,527	4,527	41,901	52,396	7,874	3,475	4,818	32,503	4,474	86	172,728	680	173,409
SOUTH DAKOTA	27,697	7,387	4,898	13,781	14,308	-	1,624	4,650	10,038	22	5,634	90,039	2,528	92,567
TENNESSEE	25,423	13,905	12,863	33,970	65,101	34,592	3,319	5,764	48,404	1,871	13,017	258,227	10,308	268,535
TEXAS	138,272	14,759	2,646	109,392	187,599	307,995	10,124	22,192	20,739	1,769	210,318	1,025,805	452	1,026,256
UTAH	9,752	6,442	2,683	32,472	31,121	-	1,821	2,719	3,651	2,404	11,693	104,757	83	104,840
VERMONT	4,573	3,511	15,845	10,004	3,878	-	1,189	1,189	6,123	-	599	46,713	-	46,713
VIRGINIA	33,935	15,685	26,159	103,542	119,828	257	5,333	6,075	8,581	116	5,120	324,628	7,242	331,870
WASHINGTON	36,026	10,483	35,513	212,344	4,508	-	4,508	5,727	31,256	47,711	8,836	401,805	13,879	415,684
WEST VIRGINIA	36,087	2,821	3,989	11,459	11,901	-	1,953	1,981	38,832	450	1,481	110,552	22,568	133,121
WISCONSIN	42,053	11,333	11,747	12,500	37,716	59,271	4,918	5,803	22,411	-	3,291	211,040	-	211,040
WYOMING	19,320	5,468	4,012	8,970	63,350	927	1,609	927	6,501	-	14,246	118,402	586	118,988
TOTAL	2,107,019	465,411	554,633	3,898,105	2,621,835	1,106,595	201,627	321,200	1,486,700	171,199	713,545	13,647,870	207,319	13,855,189
AMERICAN SAMOA	1,845	-	-	-	-	-	43	238	-	27	-	2,154	-	2,154
GUAM	741	-	-	-	-	-	5	415	-	-	-	1,181	-	1,181
N. MARIANAS	1,149	-	-	-	-	-	-	732	-	-	-	1,881	-	1,881
PUERTO RICO	25,151	6,219	7,852	-	12,437	-	1,147	532	5,469	5,937	530	65,273	182	65,436
VIRGIN ISLANDS	638	-	-	-	-	-	76	225	-	1,251	(240)	1,950	106	2,056
UNDISTRIBUTED ⁴ ADMIN. & RESEARCH	-	-	-	-	-	(1,314)	33,683	12,971	(367)	220	185,099	5/ 230,291	7,596 29,186	259,477
GRAND TOTAL	2,136,544	471,630	562,485	3,898,105	2,634,272	1,105,281	236,581	336,313	1,491,801	178,834	898,933	13,950,580	244,370	14,194,950

¹/ EXCLUDES FOREIGN PROGRAMS AND THE COSTS OF OTHER FEDERAL AGENCIES' PROJECTS SUPERVISED BY FHWA BUT PAID BY OTHER AGENCIES.
²/ INCLUDES FEDERAL LANDS HIGHWAYS, ECONOMIC GROWTH CENTER AND OTHER CATEGORICAL PROGRAMS ADMINISTERED BY FHWA.
³/ INCLUDES BEAUTIFICATION, INTERSTATE SUBSTITUTION, AND OTHER MISCELLANEOUS FUNDS ADMINISTERED

DIRECTLY BY FHWA AND EXPENDITURE OF FUNDS TRANSFERRED TO FHWA BY THE FOREST SERVICE, NATIONAL PARK SERVICE, APPALACHIAN DEVELOPMENT COMMISSION, BUREAU OF LAND MANAGEMENT, UMTA, NHTSA, FAA, AND OTHERS.

⁴/ EXPENDITURES INVOLVING TWO OR MORE STATES THAT CANNOT BE SEGREGATED.
⁵/ INCLUDES ADMINISTRATION COSTS FOR FHWA INCLUDING THE OFFICE OF MOTOR CARRIERS.

APPORTIONMENT OF FEDERAL-AID HIGHWAY FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION¹
FOR FISCAL YEAR 1991 (FY 1992 INTERSTATE)

TABLE PA-4
SEPTEMBER, 1991

STATE	FEDERAL-AID HIGHWAY SYSTEM FUNDS										OTHER FEDERAL-AID HIGHWAY FUNDS							TOTAL 4
	CONSOLIDATED PRIMARY	RURAL SECONDARY	URBAN SYSTEM	FY 1992		INTERSTATE 2/	TOTAL	INTERSTATE HIGHWAY SUBSTITUTE	EIGHTY-FIVE PERCENT MINIMUM ALLOCATION FUNDS	HAZARD ELIMINATION FUNDS	ELIMINATION OF HAZARDS AT RAIL-HIGHWAY CROSSINGS	BRIDGE REPLACEMENT AND REHABILITATION FUNDS	HIGHWAY SAFETY PROGRAMS 3/	METROPOLITAN PLANNING				
				INTERSTATE	INTERSTATE 4/													
ALABAMA	40,981	11,980	9,412	87,881	178,487	-	2,988	3,220	2,988	28,968	2,265	563	216,489					
ALASKA	74,471	32,087	3,638	13,771	144,177	-	828	2,439	828	3,409	632	235	151,720					
ARIZONA	31,061	9,708	9,368	13,771	119,363	-	2,026	1,578	2,026	3,409	1,598	611	166,011					
ARKANSAS	29,028	10,549	4,439	13,771	65,968	-	2,003	2,457	2,003	17,879	1,517	235	1,059,540					
CALIFORNIA	166,832	24,343	92,083	339,475	871,573	20,092	14,159	10,183	14,159	44,368	10,755	9,310	1,059,814					
COLORADO	33,985	10,831	9,746	47,828	146,748	-	2,327	2,203	2,327	12,747	1,763	644	169,432					
CONNECTICUT	25,171	4,046	10,435	108,278	180,085	82,823	1,842	1,048	1,842	86,681	1,369	739	346,817					
DELAWARE	11,272	2,909	3,638	13,771	44,235	-	828	505	828	3,683	632	235	50,328					
DIST. OF COL.	11,272	-	3,638	39,037	66,592	14,911	828	211	828	9,505	632	235	92,914					
FLORIDA	76,058	15,213	34,891	94,890	314,503	-	6,248	4,887	6,248	24,028	4,743	2,371	502,550					
GEORGIA	55,297	15,724	13,836	52,423	228,890	10,330	3,965	4,896	3,965	26,846	3,029	831	377,924					
HAWAII	11,272	2,909	3,638	12,647	94,343	-	828	828	828	3,685	632	235	100,115					
IDaho	18,336	7,228	3,638	13,771	65,640	-	1,132	1,429	1,132	3,409	856	235	72,701					
ILLINOIS	86,468	16,360	39,905	13,771	247,981	15,755	7,423	7,423	7,423	36,428	5,634	2,647	326,794					
INDIANA	52,989	19,814	14,462	13,771	150,006	4,284	3,841	4,284	3,841	22,832	2,913	830	268,212					
IOWA	34,176	12,205	6,615	13,771	103,294	7,398	2,700	3,798	2,700	25,053	2,044	1,448	144,583					
KANSAS	32,088	11,470	6,183	13,771	100,345	-	2,624	4,871	2,624	24,796	2,073	273	134,984					
KENTUCKY	39,398	11,992	7,398	25,080	127,987	-	2,649	2,535	2,649	27,181	2,009	363	165,022					
LOUISIANA	38,701	9,716	11,782	72,716	175,968	-	2,820	3,176	2,820	27,987	2,140	703	212,772					
MAINE	14,377	5,062	3,638	13,771	49,493	-	828	938	828	6,365	632	235	60,491					
MARYLAND	33,865	5,763	14,308	87,268	183,311	37,497	2,515	1,427	2,515	16,823	1,910	1,003	244,486					
MASSACHUSETTS	44,456	6,039	20,276	75,076	34,261	6,865	3,370	2,011	3,370	77,164	2,560	1,419	940,223					
MICHIGAN	82,341	17,323	27,418	31,273	242,036	-	6,068	5,352	6,068	30,042	4,827	1,848	325,540					
MINNESOTA	43,280	14,280	10,966	15,577	132,786	5	3,468	4,042	3,468	17,128	2,842	656	180,747					
MISSISSIPPI	31,817	10,866	4,837	13,771	81,334	-	2,076	2,240	2,076	19,276	1,573	235	141,830					
MISSOURI	51,430	15,942	19,010	13,771	165,212	-	3,632	3,998	3,632	53,736	2,904	836	257,577					
MONTANA	25,912	10,858	3,638	13,771	64,863	-	1,154	1,613	1,154	7,064	235	235	105,820					
NEBRASKA	24,588	9,082	4,003	13,771	72,543	-	1,785	2,951	1,785	16,960	1,348	235	95,533					
NEVADA	18,905	7,050	3,638	13,771	65,967	-	866	784	866	3,409	870	235	71,851					
NEW HAMPSHIRE	11,272	3,909	3,638	13,771	44,235	-	828	813	828	7,594	632	235	54,137					
NEW JERSEY	53,290	5,335	27,930	138,548	257,065	84,230	4,231	2,891	4,231	61,153	3,215	2,068	364,583					
NEW MEXICO	25,601	9,606	3,625	13,771	94,316	-	1,254	1,206	1,254	4,413	948	235	102,373					
NEW YORK	134,318	17,639	62,930	13,771	319,445	192,596	10,391	6,020	10,391	136,344	7,883	4,402	874,001					
NORTH CAROLINA	64,509	18,175	11,267	44,111	185,705	-	66,288	3,981	66,288	27,500	3,069	639	324,255					
NORTH DAKOTA	17,041	6,897	3,638	13,771	61,283	-	1,239	2,809	1,239	4,928	935	235	71,407					
OHIO	83,516	18,479	33,210	48,301	291,002	8,275	8,859	6,302	8,859	41,738	5,207	2,087	432,659					
OKLAHOMA	38,885	11,462	5,062	13,771	102,281	-	2,790	3,301	2,790	29,138	2,062	404	161,358					
OREGON	29,614	9,962	7,231	27,629	112,069	5,987	2,375	2,194	2,375	7,903	1,798	405	146,896					
PENNSYLVANIA	107,452	22,011	34,125	126,082	353,080	59	7,450	5,904	7,450	122,903	5,656	2,268	497,240					
RHODE ISLAND	2,909	3,638	3,638	13,771	44,235	-	828	445	828	3,409	632	252	114,573					
SOUTH CAROLINA	32,848	9,368	6,860	13,771	105,454	-	2,308	2,855	2,308	10,563	1,750	390	151,102					
SOUTH DAKOTA	18,345	7,522	3,638	13,771	67,758	-	1,137	1,655	1,137	6,507	658	285	78,150					
TENNESSEE	47,429	13,662	11,367	13,771	150,952	24,882	3,288	3,287	3,288	34,758	2,463	686	222,018					
TEXAS	131,840	36,755	46,968	93,509	469,871	-	10,657	10,906	10,657	81,647	5,079	2,913	779,920					
UTAH	19,531	6,429	5,112	13,771	65,510	-	1,214	1,153	1,214	3,409	920	335	92,541					
VERMONT	11,272	2,909	3,638	13,771	44,328	-	828	619	828	7,627	632	235	54,269					
VIRGINIA	49,712	13,098	14,733	19,179	160,021	-	3,511	2,731	3,511	30,835	2,995	972	269,475					
WASHINGTON	39,488	10,119	12,597	64,189	181,892	-	3,019	2,717	3,019	33,649	2,298	837	224,605					
WEST VIRGINIA	23,031	7,834	3,638	13,771	66,238	-	1,364	1,708	1,364	37,658	1,050	295	111,473					
WISCONSIN	47,332	13,264	12,245	13,771	121,157	-	56,075	3,929	56,075	23,312	2,740	746	213,574					
WYOMING	17,146	6,999	3,638	13,771	73,634	-	828	912	828	3,409	632	235	79,650					
U.S. TOTAL 5/	2,261,989	577,843	718,480	2,754,287	8,829,418	540,848	182,198	154,930	182,198	1,358,687	123,045	46,543	12,950,843					
AMERICAN SAMOA	-	-	-	-	-	-	414	-	414	-	318	-	730					
GUAM	-	-	-	-	-	-	414	-	414	-	318	-	730					
N. MARIANAS	-	-	-	-	-	-	414	-	414	-	318	-	730					
PUEERTO RICO	26,884	3,533	7,856	11,363	46,958	-	1,919	740	1,919	4,548	1,362	549	56,968					
VIRGIN ISLANDS	-	-	-	-	-	-	414	-	414	-	318	-	730					
GRAND TOTAL 6/	2,298,873	581,376	726,338	2,754,287	8,876,376	540,848	185,605	155,870	185,605	1,363,435	123,690	47,091	12,412,459					

1/ APPOINTMENT PURSUANT TO THE SURFACE TRANSPORTATION AND UNIFORM RELOCATION ASSISTANCE ACT OF 1967. DOES NOT INCLUDE FUNDS FROM THE MASS TRANSIT ACCOUNT OF THE HIGHWAY TRUST FUND.
 2/ RESURFACING, REHABILITATION, RESTORATION AND RECONSTRUCTION.
 3/ INCLUDES \$9.9 MILLION ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION AND \$14.4 MILLION ADMINISTERED BY THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION. DOES NOT INCLUDE \$4.5 MILLION SET ASIDE FOR COMMERCIAL VEHICLE DRIVER LICENSING PROGRAMS.
 4/ DOES NOT INCLUDE FUNDS FROM THE FOLLOWING PROGRAMS: EMERGENCY RELIEF, FOREST HIGHWAYS, PUBLIC LANDS HIGHWAYS, PARKWAYS AND PARK HIGHWAYS, INDIAN RESERVATION ROADS, INTERSTATE AND INTERSTATE - R DISCRETIONARY, BRIDGE DISCRETIONARY, TRUCK AND BUS SAFETY GRANTS, ALLOCATED INTERSTATE HIGHWAY SUBSTITUTE OR SECTION 149 DEMONSTRATION FUNDS. THESE FUNDS ARE ALLOCATED FROM THE HIGHWAY TRUST FUND.
 5/ MAY NOT ADD DUE TO ROUNDING.
 6/ DOES NOT INCLUDE \$11.3 MILLION APPOINTED TO THE TERRITORIES CONSIDERED AS ONE STATE.

APPORTIONMENT FORMULAS – FEDERAL-AID HIGHWAY PROGRAM¹

FISCAL YEAR 1991

LEGISLATION AND STRATEGIC PLANNING DIVISION
OFFICE OF POLICY DEVELOPMENT

TABLE FA-4A
OCTOBER 1991

FUND	FACTORS	WEIGHT	STATUTE 2/	MINIMUM APPORTIONMENT
INTERSTATE SYSTEM (FOR COMPLETION ONLY)	RELATIVE FEDERAL SHARE OF COST TO COMPLETE THE SYSTEM 3/	1	104(b)(5)(A)	1/2 PERCENT (INCLUDING ALASKA)
INTERSTATE RESURFACING RESTORATION, REHABILITATION, AND RECONSTRUCTION (4R)	INTERSTATE SYSTEM LANE MILES VEHICLE MILES TRAVELED ON INTERSTATE SYSTEM	55% 45%	104(b)(5)(B)	1/2 PERCENT
INTERSTATE SUBSTITUTE HIGHWAY PROJECTS	RELATIVE FEDERAL SHARE OF COST TO COMPLETE THE PROJECTS 4/	1	103(e)(4)	NO MINIMUM
PRIMARY SYSTEM	<p>FORMULA A:</p> <p>AREA RURAL POPULATION RURAL DELIVERY ROUTE MILEAGE AND INTERCITY MAIL ROUTE MILEAGE URBAN POPULATION 5/ (1/2 PERCENT MINIMUM EXCEPT DIST. OF COL.)</p> <p>FORMULA B:</p> <p>RURAL POPULATION URBAN POPULATION 5/</p> <p>FOR EACH STATE, DETERMINE GREATER OF A OR B, THEN EACH STATE'S APPORTIONMENT EQUALS:</p> <p>A OR B X <u>TOTAL PRIMARY AUTHORIZATION</u> SUM OF ALL STATES' A OR B EXCEPT THAT: THE APPORTIONMENT IS NOT LESS THAN SMALLER OF A OR B</p>	<p>2/9 2/9 2/9 1/3</p> <p>1/2 1/2</p>	104(b)(1) SEC. 108, P.L. 97-424 AS AMENDED 6/	1/2 PERCENT (INCLUDING TERRITORIES AS A WHOLE)
SECONDARY SYSTEM	AREA RURAL POPULATION RURAL DELIVERY ROUTE MILEAGE AND INTERCITY MAIL ROUTE MILEAGE	1/3 1/3 1/3	104(b)(2)	1/2 PERCENT (EXCEPT FOR DIST. OF COL.)
URBAN SYSTEM	URBAN AREA POPULATION 5/	1	104(b)(6)	1/2 PERCENT
URBAN TRANSPORTATION PLANNING	URBANIZED AREA POPULATION 7/	1	104(f)(2)	1/2 PERCENT
BRIDGE REPLACEMENT AND REHABILITATION	RELATIVE SHARE OF TOTAL COST OF DEFICIENT BRIDGES	1	144(e)	1/4 PERCENT (10 PERCENT MAXIMUM)
HAZARD ELIMINATION	TOTAL POPULATION PUBLIC ROAD MILEAGE	3/4 1/4	152(e)	1/2 PERCENT (TERRITORIES, 1/4 PERCENT)
HIGHWAY SAFETY PROGRAMS	TOTAL POPULATION PUBLIC ROAD MILEAGE	3/4 1/4	402(c)	1/2 PERCENT (TERRITORIES, 1/4 PERCENT)
RAIL-HIGHWAY CROSSING	AREA RURAL POPULATION RURAL DELIVERY ROUTE MILEAGE AND INTERCITY MAIL ROUTE MILEAGE URBAN POPULATION NUMBER OF RAIL-HIGHWAY CROSSINGS	1/12 1/12 1/12 1/4 1/2	SEC. 203(d), P.L. 93-87 AS AMENDED	- - 1/2 PERCENT 1/2 PERCENT NO MINIMUM

1/ EACH STATE IS GUARANTEED AN AMOUNT SUFFICIENT TO ENSURE THAT ITS PERCENTAGE OF TOTAL APPORTIONMENTS IN EACH FISCAL YEAR AND ALLOCATIONS FROM THE PRIOR FISCAL YEAR FOR FEDERAL-AID HIGHWAY PROGRAMS SHALL NOT BE LESS THAN 85 PERCENT OF THE PERCENTAGE OF ESTIMATED TAX CONTRIBUTIONS TO THE HIGHWAY TRUST FUND, NOT INCLUDING THE MASS TRANSIT ACCOUNT (23 U.S.C. 157).

2/ DENOTES APPROPRIATE SECTION IN TITLE 23 U.S.C. UNLESS OTHERWISE NOTED.

3/ APPORTIONMENT FACTORS ARE CONTAINED IN THE PERIODIC REPORTS, "A REVISED ESTIMATE OF THE COST OF COMPLETING THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS," SUBMITTED TO CONGRESS AS REQUIRED IN 23 U.S.C. 104(b)(5)(A).

4/ APPORTIONMENT FACTORS ARE CONTAINED IN THE PERIODIC REPORTS, "REVISED TABLES FOR APPORTIONING FISCAL YEAR INTERSTATE SUBSTITUTE HIGHWAY AND TRANSIT FUNDS," TRANSMITTED TO CONGRESS AS REQUIRED IN 23 U.S.C. 103(e)(4).

5/ PLACES OF 5,000 OR MORE PERSONS.

6/ EXTENDED TO 1991 BY SECTION 107. P.L. 100-17.

7/ USUALLY PLACES OF 50,000 OR MORE PERSONS. DEFINITION CONTAINED IN 23 U.S.C. 101(a).

OBLIGATIONS OF FEDERAL-AID HIGHWAY FUNDS DURING FISCAL YEAR 1990¹

 PROGRAM ANALYSIS DIVISION
OFFICE OF FISCAL SERVICES

(THOUSANDS OF DOLLARS)

TABLE FA-4B
SEPTEMBER 1991

STATE	FEDERAL-AID ACCOUNT															OTHER FUNDS AND ADJUSTMENTS	GRAND TOTAL
	CONSOLIDATED PRIMARY	RURAL SECONDARY	URBAN SYSTEM	INTERSTATE	INTERSTATE RESURFACING	INTERSTATE HIGHWAY SUBSTITUTE	EIGHTY-FIVE PERCENT MINIMUM ALLOCATION	HAZARD ELIMINATION	ELIMINATION OF HAZARDOUS AT RAIL-HIGHWAY CROSSINGS	BRIDGE REPLACEMENT	METROPOLITAN PLANNING	PLANNING AND RESEARCH	DEMONSTRATION PROJECTS	OTHER PROGRAMS	TOTAL		
ALABAMA	42,759	6,278	10,712	69,188	50,005	-	-	1,479	1,458	39,790	333	2,353	-	9,981	234,334	21,695	255,999
ALASKA	64,332	51,910	7,577	14,816	3,530	-	-	2,495	144	4,005	185	1,948	-	7,218	158,151	439	158,589
ARIZONA	15,196	13,042	9,414	13,525	67,927	-	53,239	4,093	2,215	4,753	806	1,822	813	8,503	195,139	1,177	196,316
ARKANSAS	37,222	8,997	4,475	9,811	28,595	-	38,957	1,596	3,743	15,558	223	1,427	5,161	3,481	159,229	1,249	160,478
CALIFORNIA	186,274	420	(4,989)	324,960	182,374	(1,357)	195,325	14,258	11,485	16,400	6,424	13,397	36,462	210,794	1,192,249	287,481	1,479,729
COLORADO	38,817	13,231	3,859	77,523	84,088	60	-	2,585	371	11,087	502	2,886	1,228	5,587	241,704	2,293	243,998
CONNECTICUT	31,363	1,604	8,502	141,511	52,632	48,844	-	1,624	93	52,241	807	3,550	640	-	343,531	(512)	343,019
DELAWARE	29,572	4,034	387	8,228	61	-	-	1,030	1,147	6,544	457	276	1,228	788	53,730	575	54,306
DIST. OF COL.	7,279	-	1,726	57,254	12,632	7,289	-	925	-	7,172	234	1,362	-	4,791	100,844	678	101,322
FLORIDA	145,725	6,667	45,112	19,930	87,954	-	22,816	5,124	8,001	27,823	1,918	7,045	2,015	6,935	385,564	(2,268)	383,276
GEORGIA	95,983	6,498	9,417	48,700	65,416	10,692	97,058	4,894	8,461	31,343	732	3,586	9,843	72	392,696	11,853	404,558
HAWAII	23,409	758	537	189,887	13,731	-	-	1,190	-	(92)	233	931	-	935	231,500	392	231,892
IDAHO	24,120	7,102	5,455	(6,189)	28,997	-	-	1,215	803	3,182	234	1,027	3,611	8,777	78,104	1,380	79,484
ILLINOIS	87,253	21,899	47,154	1,984	100,637	139,748	-	7,392	11,400	104,906	2,912	3,598	5,482	97	534,310	6,791	541,101
INDIANA	42,262	9,335	10,821	8,007	77,811	3,908	95,033	2,350	1,328	38,950	863	2,054	4,929	1,258	298,406	2,330	300,736
IOWA	37,542	17,091	6,283	26,843	38,201	35,536	-	979	5,192	33,257	293	3,665	7,431	10	210,128	(4,987)	205,139
KANSAS	19,578	8,400	3,330	11,515	46,978	-	131	2,247	7,132	36,411	318	1,884	13,231	483	151,836	1,811	153,446
KENTUCKY	40,825	15,855	6,222	30,237	59,134	-	377	658	744	31,960	400	2,385	8,200	4,348	198,971	5,947	205,918
LOUISIANA	10,154	11,807	9,707	117,951	61,078	-	-	6,005	450	10,821	658	2,787	2,811	-	242,143	4,282	248,425
MAINE	15,984	4,521	3,581	22,187	4,819	-	-	1,338	1,569	9,430	234	549	88	2,053	85,624	645	87,168
MARYLAND	20,413	4,149	6,814	227,222	30,383	88,864	-	855	820	31,035	287	2,258	3,559	(844)	415,587	16,805	432,192
MASSACHUSETTS	128,318	6,327	31,085	78,141	58,812	13,478	-	3,207	580	84,875	1,558	11,940	1,230	2,019	418,033	1,796	419,829
MICHIGAN	102,875	18,046	28,314	35,081	78,145	-	16,984	5,496	6,223	20,225	1,824	4,590	2,313	1,069	321,185	27,074	348,259
MINNESOTA	40,606	579	11,990	39,976	48,153	5,277	-	5,259	4,333	6,534	665	2,311	5,328	26,558	191,467	(1,708)	189,700
MISSISSIPPI	33,833	10,929	4,674	14,027	30,855	-	31,375	519	1,886	20,901	271	1,718	2,118	170	163,077	24,127	177,204
MISSOURI	63,402	17,764	20,232	8,974	59,305	-	36,248	2,935	(140)	63,662	953	3,841	7,648	830	285,655	(1,046)	284,609
MONTANA	32,131	11,053	7,852	12,445	29,884	-	-	842	2,367	9,624	292	1,583	1,229	12,973	122,284	3,220	125,484
NEBRASKA	31,027	5,498	2,642	13,462	35,883	-	-	1,398	2,565	15,948	297	1,791	854	-	112,518	(997)	111,521
NEVADA	21,972	4,007	6,786	7,253	27,735	-	-	1,296	384	4,629	149	992	4,213	5,540	84,936	5,499	90,405
NEW HAMPSHIRE	13,534	2,241	129	17,906	13,158	-	-	1,877	839	7,746	252	518	-	185	58,940	746	59,686
NEW JERSEY	75,574	2,508	29,118	73,357	76,884	29,092	-	8,830	1,818	105,360	1,992	4,690	(152)	408,667	19,145	427,813	
NEW MEXICO	22,893	10,823	8,558	20,181	41,072	-	-	2,971	1,412	2,230	234	1,500	4,139	1,379	116,993	2,208	118,201
NEW YORK	158,783	8,282	35,152	32,061	75,860	220,132	-	4,940	9,366	131,603	5,058	5,787	11,288	35,444	733,748	7,904	741,652
NORTH CAROLINA	89,321	17,711	10,683	7,482	85,145	-	70,197	2,849	2,010	28,472	835	3,179	2,840	8,014	307,517	5,042	312,559
NORTH DAKOTA	5,811	9,024	4,177	14,554	24,835	-	-	1,154	4,936	4,564	162	1,267	6,022	-	76,297	458	76,755
OHIO	79,959	13,754	29,754	14,959	114,772	14,256	204,185	6,908	8,925	107,906	2,070	4,806	2,682	75	604,268	10,043	614,311
OKLAHOMA	52,808	12,354	13,032	5,891	21,154	-	50,032	1,361	2,029	32,877	433	2,280	1,238	2,285	197,843	1,621	199,463
OREGON	34,647	8,310	7,677	18,129	46,785	8,811	(547)	1,136	1,178	4,087	401	1,742	7	6,897	137,061	2,599	139,660
PENNSYLVANIA	117,661	13,989	8,720	157,443	84,022	17,671	-	12,902	3,963	99,162	2,335	7,455	19,981	4	543,208	33,170	576,378
RHODE ISLAND	32,584	1,273	3,846	15,552	4,018	60,825	-	964	493	2,012	222	445	-	1,900	123,944	1,018	124,962
SOUTH CAROLINA	23,428	10,947	6,095	19,999	45,871	-	28,221	2,425	3,418	8,909	900	1,731	4	1,006	152,954	40,692	193,645
SOUTH DAKOTA	27,997	6,585	4,782	12,604	13,779	-	-	1,762	1,388	7,697	208	1,707	4,541	2,699	85,748	1,956	87,743
TENNESSEE	62,363	8,020	12,469	(198)	93,205	25,030	-	6,244	5,745	39,672	587	1,694	789	9,890	310,931	11,467	322,398
TEXAS	121,131	(1,853)	(1,431)	126,273	181,948	-	200,220	14,752	8,162	13,395	2,379	9,178	6,532	135,602	796,508	4,846	801,354
UTAH	10,170	11,851	3,975	7,636	55,968	-	-	2,537	(418)	3,516	332	1,317	1,207	8,103	105,998	724	106,720
VERMONT	744	(855)	(942)	12,675	8,047	-	-	104	314	9,431	234	774	7,800	40	38,367	520	38,887
VIRGINIA	27,242	10,598	16,200	45,249	136,398	-	(183)	3,070	1,681	3,937	934	3,028	-	11,404	259,575	25,190	284,765
WASHINGTON	31,035	9,401	11,516	146,708	30,040	-	-	2,728	2,359	40,290	830	3,362	1,228	15,235	294,733	5,383	300,116
WEST VIRGINIA	42,800	4,377	9,500	14,791	5,582	-	-	1,071	147	47,948	257	1,587	317	6,934	134,521	39,719	174,240
WISCONSIN	57,061	12,505	13,843	9,936	39,236	-	71,782	3,422	1,718	19,478	899	2,674	2,425	-	232,250	1,413	233,662
WYOMING	19,009	8,029	2,694	11,533	39,444	-	-	(154)	(17)	2,909	208	921	(58)	10,463	83,093	1,011	84,104
U.S. TOTAL	2,555,501	464,843	536,585	2,401,109	2,876,786	723,616	1,256,681	163,327	151,271	1,472,982	46,336	151,168	205,199	809,168	13,813,804	631,585	14,245,184
AMERICAN SAMOA	865	-	-	-	-	-	-	450	-	-	-	-	-	369	1,885	174	1,899
GUAM	4,583	-	-	-	-	-	-	450	-	-	-	72	-	-	5,098	154	5,249
N. MARIANA ISLS.	17,584	755	21,707	-	17,299	-	-	2,504	-	1,001	478	762	367	910	63,395	10,798	74,191
PUERTO RICO	929	-	-	-	-	-	-	410	-	-	-	16	-	-	1,382	-	1,398
VIRGIN ISLANDS	4,484	-	-	-	-	-	-	300	-	-	-	104	-	19	4,908	1,542	6,450
HEADQUARTERS	-	-	-	-	-	-	-	-	-	-	-	-	-	30,887	30,887	-	30,887
GRAND TOTAL	2,583,923	465,598	557,292	2,401,109	2,894,087	723,616	1,256,681	167,451	151,271	1,473,983	46,814	152,120	205,566	841,153	13,720,897	644,251	14,364,942

^{1/1} THE DATA REPORTED IN THIS TABLE ARE FROM THE FISCAL MANAGEMENT INFORMATION SYSTEM. DUE TO ROUNDING, THE DATA MAY NOT AGREE WITH THE SUMMARY OF OBLIGATIONS CONTAINED IN REPORT M79 PREPARED BY THE OFFICE OF FISCAL SERVICES. NEGATIVE NUMBERS INDICATE ADJUSTMENTS TO PROJECTS.

OBLIGATION OF FEDERAL-AID HIGHWAY FUNDS BY FUNCTIONAL CLASS¹

FISCAL YEAR ENDING SEPTEMBER 30, 1990

COMPILED FROM THE FISCAL
MANAGEMENT INFORMATION SYSTEM

(THOUSANDS OF DOLLARS)

Table FA-4C
SEPTEMBER 1991

STATE	RURAL						URBAN						OTHER ²	TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL		
ALABAMA	42,057	37,785	32,334	8,947	7,284	6,385	76,696	2,374	17,186	23,370	37	313	1,231	255,999
ALASKA	33,745	13,620	12,737	51,543	3,045	3,948	12,669	(412)	15,556	18,108	4,118	(140)	(9,947)	158,590
ARIZONA	39,310	8,353	2,230	14,392	2,392	12,244	95,486	272	6,271	7,363	1,160	2,015	4,826	196,314
ARKANSAS	10,583	42,209	15,836	24,717	2,713	2,438	11,044	18,471	19,064	6,948	1,298	491	4,662	160,476
CALIFORNIA	24,318	161,148	38,079	21,867	58,881	16,392	637,766	232,620	83,935	61,458	17,771	5,433	120,071	1,479,729
COLORADO	66,536	26,524	5,458	14,784	847	4,914	95,029	9,725	5,320	3,690	1,544	1,376	2,015	243,998
CONNECTICUT	126,964	13,966	889	1,380	580	572	74,761	21,304	61,219	3,897	1,139	21,853	14,465	343,019
DELAWARE	-	15,814	1,753	5,888	467	1,115	79	(151)	25,779	15	1,234	3	2,308	54,304
DIST. OF COL.	-	-	-	-	-	-	76,971	1,094	10,387	5,262	2,145	(33)	5,495	101,321
FLORIDA	86,133	31,564	4,472	16,811	21,828	1,591	58,371	25,166	45,379	57,419	14,274	7,059	13,190	383,277
GEORGIA	26,389	35,449	53,934	11,794	22,406	5,295	88,134	54,626	69,416	21,038	4,421	1,285	10,371	404,558
HAWAII	204,378	11,577	1,173	998	(51)	(55)	(782)	10	10,636	306	2,177	61	1,464	231,892
IDAHO	11,146	29,692	12,417	10,110	78	1,161	2,451	14	3,475	2,555	292	3,125	2,953	79,467
ILLINOIS	33,914	35,270	73,703	(83)	(10)	33,470	68,929	5,832	36,275	172,314	(861)	71,311	11,036	541,102
INDIANA	36,014	53,854	8,057	19,429	6,120	9,200	47,908	42,595	24,845	18,399	19,788	984	11,542	300,735
IOWA	61,425	41,892	187	26,698	132	11,798	3,935	32,376	14,507	4,247	3,032	(185)	5,113	205,137
KANSAS	26,903	21,039	13,076	17,163	818	6,765	34,362	25,006	(6,253)	9,448	183	1,940	2,995	153,445
KENTUCKY	23,242	22,040	15,591	27,612	7,858	3,080	64,813	898	5,041	25,810	3,102	2,285	4,749	205,921
LOUISIANA	47,040	(276)	5,392	(515)	3,872	24,087	131,989	7,860	4,771	7,044	(673)	7,262	8,551	246,424
MAINE	5,614	12,559	18,259	14,672	1,251	2,888	190	-	2,579	4,088	3,129	41	1,898	67,188
MARYLAND	74,454	32,709	5,225	11,863	3,073	3,158	204,295	34,223	32,265	11,290	10,089	4,924	4,623	432,191
MASSACHUSETTS	964	9,767	1,178	2,889	1,794	(371)	166,944	10,302	100,112	50,881	23,242	24,476	27,850	419,828
MICHIGAN	42,051	50,253	3,299	15,408	18,107	14,757	83,377	22,681	18,414	40,863	5,820	6,010	40,863	348,259
MINNESOTA	17,919	24,268	9,178	13,914	4,891	2,919	64,729	(170)	20,824	19,910	359	2,158	9,002	189,701
MISSISSIPPI	20,748	53,074	15,794	27,183	1,206	1,394	1,394	-	18,105	9,169	3,258	303	2,841	177,203
MISSOURI	31,626	44,429	26,370	16,853	1,221	12,257	41,936	34,913	47,960	12,896	6,598	1,826	3,924	284,609
MONTANA	28,592	27,235	26,042	12,314	5,974	10,803	649	-	2,742	3,706	4,568	120	2,740	125,485
NEBRASKA	13,676	26,191	3,592	8,714	931	5,056	37,893	1,231	3,204	6,921	(37)	977	3,471	111,520
NEVADA	10,036	6,744	531	9,760	2,390	483	22,898	25,978	3,472	6,204	841	-	1,070	90,407
NEW HAMPSHIRE	31,258	13,975	3,933	1,221	3,667	1,906	49	(420)	2,238	323	(20)	1,581	59,695	
NEW JERSEY	1,639	6,619	3,617	26,596	10,544	2,923	148,753	73,882	35,925	81,866	9,120	5,223	21,106	427,813
NEW MEXICO	48,532	15,254	14,527	12,228	3,504	2,370	12,577	-	4,294	880	1,062	2,844	119,201	
NEW YORK	40,431	28,180	23,163	16,780	12,353	14,543	116,562	16,250	327,803	68,636	28,230	21,299	26,382	741,652
NORTH CAROLINA	42,812	88,479	4,907	9,024	5,170	13,240	65,249	23,927	38,765	6,322	680	4,251	9,730	312,556
NORTH DAKOTA	14,554	6,410	12,251	1,884	2,776	9,539	-	5,769	-	2,600	1	3,428	76,755	101,354
OHIO	77,346	30,587	17,422	39,414	7,031	8,140	186,473	27,764	130,770	30,683	34,870	14,294	9,519	614,313
OKLAHOMA	11,978	44,352	7,501	39,427	488	10,189	15,204	34,041	12,778	11,544	5,875	1,828	4,258	199,463
OREGON	28,924	18,622	2,111	9,286	3,388	6,514	35,985	-	15,174	8,037	6,909	859	3,851	139,660
PENNSYLVANIA	54,403	56,948	24,565	19,311	15,109	3,398	182,962	83,116	73,057	11,667	30,091	2,449	19,303	576,379
RHODE ISLAND	(43)	4,623	4,220	(134)	4,369	2,382	7,742	55,587	22,190	5,910	8,454	872	8,789	124,861
SOUTH CAROLINA	48,020	40,385	9,987	10,080	2,768	7,121	21,261	5,919	17,801	25,894	1,093	674	2,664	193,647
SOUTH DAKOTA	13,227	38,333	4,537	13,098	188	6,397	161	-	6,972	2,519	(27)	154	2,182	87,741
TENNESSEE	35,741	41,676	18,891	25,220	2,710	12,986	57,713	-	46,945	41,371	10,856	22,722	5,568	322,399
TEXAS	50,436	140,808	35,357	58,796	9,859	12,195	240,198	73,056	129,767	13,359	9,341	14,199	15,879	801,354
UTAH	28,143	3,748	11,126	-	424	5,215	35,457	-	5,215	361	-	5,340	5,689	106,720
VERMONT	14,169	(679)	4,896	(3,366)	189	3,973	1,153	27	(673)	16,711	1,360	124	1,003	38,887
VIRGINIA	5,794	12,453	6,285	29,630	87	5,445	170,210	22,321	5,535	8,899	10,946	922	6,239	284,786
WASHINGTON	479	38,356	16,031	11,635	11,735	4,671	176,403	791	14,512	7,324	5,880	(151)	12,349	300,117
WEST VIRGINIA	18,050	56,735	5,878	10,881	2,084	4,319	1,220	12,399	14,330	39,502	4,140	(992)	2,692	171,238
WISCONSIN	40,873	76,202	30,006	15,005	536	6,860	5,575	10,120	21,125	1,942	3,012	7,565	233,892	601,354
WYOMING	51,167	5,702	13,548	10,145	1,413	7,729	(108)	-	-	610	2,014	(45)	1,926	94,103
U.S. TOTAL	1,808,376	1,642,866	708,639	762,426	279,396	349,018	3,717,521	1,052,647	1,634,581	995,238	344,233	265,170	461,532	14,019,181
AMERICAN SAMOA	-	59	-	1,500	-	-	-	-	128	-	-	-	174	1,859
GUAM	-	(352)	1,396	196	-	-	-	840	2,943	-	-	-	226	5,249
PUERTO RICO	2,662	13,658	1,314	46	1,923	1,058	13,673	20,642	9,506	1,041	222	798	7,617	74,160
N. MARIANAS	-	1,190	82	-	-	-	-	-	53	10	-	-	16	1,351
VIRGIN ISLANDS	-	-	219	85	434	(760)	-	-	31	-	-	-	6,441	6,450
HEADQUARTERS	-	-	-	-	-	-	-	-	-	-	-	-	30,687	30,687
GRAND TOTAL	1,808,376	1,657,421	711,650	764,253	281,753	349,316	3,731,194	1,074,329	1,647,240	996,289	344,455	265,968	506,693	14,139,937

Highway Finance

¹ THE DATA REPORTED IN THIS TABLE ARE FROM THE FISCAL MANAGEMENT INFORMATION SYSTEM. DUE TO ROUNDING, THE DATA MAY NOT AGREE WITH THE SUMMARY OF OBLIGATIONS CONTAINED IN REPORT M79 PREPARED BY THE OFFICE OF FISCAL SERVICES. NEGATIVE NUMBERS INDICATE ADJUSTMENTS TO PROJECTS. DOES NOT INCLUDE \$226 MILLION IN ADMINISTRATIVE FUNDS OBLIGATED DURING FISCAL YEAR 1990.

² "OTHER" CATEGORY INCLUDES FEDERAL-AID FUNDED PROJECTS NOT OTHERWISE INCLUDED IN THE REMAINING FUNCTIONAL SYSTEM CATEGORIES, SUCH AS HIGHWAY PLANNING AND RESEARCH, METROPOLITAN PLANNING AND CERTAIN DEMONSTRATION PROJECTS.

RECEIPTS AND EXPENDITURES FOR HIGHWAYS BY FEDERAL AGENCIES - SUMMARY - 1990¹

TABLE FA-5
SEPTEMBER 1991

(MILLIONS OF DOLLARS)

AGENCY AND FUND	RECEIPTS					EXPENDITURES FOR HIGHWAYS											GRAND TOTAL EXPENDITURES
	AUTO-MOTIVE EXCISES	GENERAL FUND APPRO-PRIATIONS	TIMBER SALES	OTHER	TOTAL	PAYMENTS TO STATES AND D.C.			PAYMENTS TO LOCAL GOVERNMENTS	DIRECT EXPENDITURES							
						FEDERAL-AID AND OTHER REIMBURSEMENTS	FOR RETURN TO LOCAL GOVERNMENTS	TOTAL 2/		CAPITAL OUTLAY			ADMINISTRATION AND RESEARCH	TOTAL DIRECT			
										ENGI-NEER-ING	CON-STRUC-TION	TOTAL			MAIN-TENANCE		
FEDERAL HIGHWAY ADMINISTRATION:																	
HIGHWAY TRUST FUND																	
INTERSTATE AND FAP, FAS, FAU FUNDS	-	-	-	-	-	9,335.6	306.0	9,641.6	57.3	-	3.7	3.7	-	213.9	217.6	9,916.5	
BRIDGE REPLACEMENT FUNDS	-	-	-	-	-	1,486.9	-	1,486.9	5.5	-	0.1	0.1	-	-	0.1	1,492.5	
OTHER FEDERAL-AID FUNDS 4/	-	-	-	-	-	5/ 2,351.9	-	2,351.9	9.8	0.3	1.2	1.5	-	12.5	14.0	2,375.7	
FEDERAL LANDS HIGHWAYS	-	-	-	-	-	39.1	-	39.1	-	24.1	98.6	122.7	-	3.8	126.5	165.6	
TOTAL	12,389.7	-	-	3/ 912.9	3/ 13,302.6	13,213.5	306.0	13,519.5	72.6	24.4	103.6	128.0	-	230.2	358.2	13,950.3	
GENERAL FUND																	
RAILROAD CROSSING DEMONSTRATION	-	10.5	-	-	10.5	10.5	-	10.5	-	-	-	-	-	-	-	10.5	
OTHER FEDERAL FUNDS 6/	-	59.2	-	-	59.2	31.6	-	31.6	0.2	0.2	0.7	0.9	-	26.5	27.4	59.2	
INTERSTATE SUBSTITUTION	-	15.3	-	-	15.3	15.3	-	15.3	-	-	-	-	-	-	-	15.3	
TOTAL	-	85.0	-	-	85.0	57.4	-	57.4	0.2	0.2	0.7	0.9	-	26.5	27.4	85.0	
FUNDS TRANSFERRED FROM OTHER AGENCIES:																	
FOREST SERVICE	-	4.6	-	-	4.6	1.0	-	1.0	-	0.3	3.2	3.5	-	0.1	3.6	4.6	
PARK SERVICE	-	17.7	-	-	17.7	-	-	-	-	5.5	11.5	17.0	-	0.7	17.7	17.7	
APPLACHIAN DEVELOPMENT	-	97.1	-	-	97.1	95.9	-	95.9	-	-	-	-	-	1.2	1.2	97.1	
DEPARTMENT OF DEFENSE 7/	-	27.4	-	-	27.4	21.0	-	21.0	-	1.0	5.0	6.0	-	0.4	6.4	27.4	
BUREAU OF LAND MANAGEMENT	-	2.3	-	-	2.3	-	-	-	-	0.3	1.9	2.2	-	0.1	2.3	2.3	
OTHER 8/	-	10.1	-	-	10.1	9.3	-	9.3	-	-	0.7	0.7	-	0.1	0.8	10.1	
TOTAL TRANSFERRED FUNDS	-	159.2	-	-	159.2	127.2	-	127.2	-	7.1	22.3	29.4	-	2.6	32.0	159.2	
TOTAL FUNDS ADMINISTERED BY FHWA	12,389.7	244.2	-	912.9	13,546.8	13,398.1	306.0	13,704.1	9/ 72.8	31.7	126.6	158.3	-	259.3	417.6	14,194.5	
OTHER AGENCY FUNDS																	
FOREST SERVICE 10/	-	8.3	174.5	-	182.8	0.4	174.1	174.5	0.1	-	8.2	8.2	-	-	8.2	182.8	
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION 11/	-	201.9	-	-	201.9	132.6	0.1	132.7	9/ 2.6	-	-	-	-	76.5	76.5	211.8	
NATIONAL PARK SERVICE	-	60.0	-	-	60.0	-	-	-	-	-	-	-	60.0	-	60.0	60.0	
BUREAU OF INDIAN AFFAIRS	-	32.8	-	-	32.8	0.1	-	0.1	-	-	2.4	2.4	30.3	-	32.7	32.8	
BUREAU OF RECLAMATION	-	58.3	-	-	58.3	16.1	-	16.1	-	-	42.2	42.2	-	-	42.2	58.3	
U.S. CORPS OF ENGINEERS	-	-	-	26.3	26.3	3.2	0.9	4.1	0.2	-	22.0	22.0	-	-	22.0	26.3	
BUREAU OF LAND MANAGEMENT	-	-	-	12/ 86.0	86.0	55.2	13.6	68.8	3.4	-	0.8	0.8	13.0	-	13.8	86.0	
HOUSING AND URBAN DEVELOPMENT, CDBG	-	171.0	-	-	171.0	-	-	-	171.0	-	-	-	-	-	-	171.0	
ALL OTHER FEDERAL AGENCIES	-	131.6	-	-	131.6	11.3	1.8	13.1	118.5	-	-	-	-	-	-	131.6	
TOTAL, OTHER AGENCY FUNDS	-	663.9	174.5	112.3	950.7	218.9	190.5	409.4	285.8	-	75.6	75.6	103.3	76.5	179.8	960.6	
GRAND TOTAL, ALL FUNDS	12,389.7	908.1	174.5	1,025.2	14,497.5	13,617.0	496.5	14,113.5	368.6	31.7	202.2	233.9	103.3	335.8	597.4	15,155.1	

1/ FHWA AND NHTSA EXPENDITURES ARE FOR CALENDAR YEAR. ALL OTHER AGENCY EXPENDITURES ARE FOR FISCAL YEAR 1990.
 2/ DIFFERENCES BETWEEN AMOUNTS IN THIS COLUMN AND THOSE SHOWN ON TABLE SF-21 ARE DUE TO FUNDS IN TRANSIT.
 3/ INCOME FROM TRUST FUND INVESTMENTS. TRUST FUND EXCLUDES MASS TRANSIT ACCOUNT.
 4/ INCLUDES EMERGENCY RELIEF, HIGHWAY SAFETY, 85% MINIMUM ALLOCATION, SPECIFIC DEMONSTRATION PROJECTS, AND OTHER PROGRAM FUNDS ADMINISTERED BY FHWA.
 5/ INCLUDES \$202.9 MILLION PAID TO STATES FOR RESEARCH AND PLANNING.
 6/ INCLUDES OFF-SYSTEM ROADS, ACCESS HIGHWAYS TO PUBLIC RECREATION AREAS, TERRITORIAL HIGHWAY PROJECTS, RURAL PUBLIC TRANSPORTATION, MOTOR CARRIER SAFETY PROGRAMS, WASTE ISOLATION PILOT PROGRAM, ETC.

7/ DOES NOT INCLUDE WORK PERFORMED WITHIN THE CONFINES OF MILITARY RESERVATIONS.
 8/ INCLUDES NORTHEAST CORRIDOR, COMMERCIAL DRIVER LICENSE GRANTS, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION, ETC.
 9/ PAYMENTS TO AMERICAN SAMOA, GUAM, NORTHERN MARIANAS, PUERTO RICO, AND VIRGIN ISLANDS.
 10/ EXCLUDES FOREST DEVELOPMENT TRAILS PROGRAM CONSIDERED TO BE FOR TIMBER ACCESS AND FOREST MANAGEMENT TRAILS NOT PROVIDING AN UNRESTRICTED PUBLIC FACILITY.
 11/ THESE HIGHWAY SAFETY FUNDS ARE ADMINISTERED PARTLY BY THE FEDERAL HIGHWAY ADMINISTRATION AND ARE PARTLY PAID FROM THE HIGHWAY TRUST FUND.
 12/ INCOME FROM OIL AND MINERAL ROYALTIES.

FEDERAL-AID FUNDS OBLIGATED AND PROJECTS AUTHORIZED FISCAL YEAR 1990

COMPILED FROM THE FISCAL MANAGEMENT INFORMATION SYSTEM [INTENDED TO SHOW ONLY NEW START PROJECTS AUTHORIZED IN FY 1990]

Table with columns for STATE AND TYPE OF FUND, NEW CONSTRUCTION, RELOCATION, RECORDATION, RECONSTRUCTION, RESTORATION, BRIDGE PROJECTS (NEW, REPLACEMENT), FUNDING (FEDERAL, TOTAL), NUMBER OF BRIDGES, ROADWAY PROJECTS (MAJOR WIDENING, MINOR WIDENING), RESTORATION, RESURFACING, BRIDGE PROJECTS (NEW, REPLACEMENT), FUNDING (FEDERAL, TOTAL), NUMBER OF BRIDGES, OTHER PROJECTS (SAFETY, ENVIROMENTAL, PREVENTIVE), FUNDING (FEDERAL, TOTAL), NUMBER OF PROJECTS, and TOTALS BY FUND TYPE (FEDERAL, TOTAL).

FEDERAL-AID FUNDS OBLIGATED AND PROJECTS AUTHORIZED
FISCAL YEAR 1990

TABLE FA-11
SHEET 4 OF 7
SEPTEMBER 1991

[INTENDED TO SHOW ONLY NEW START PROJECTS AUTHORIZED IN FY 1990*]

COMPILED FROM THE FISCAL
MANAGEMENT INFORMATION SYSTEM

Table with multiple columns: STATE AND TYPE OF FUND, ROADWAY PROJECTS, BRIDGE PROJECTS, OTHER PROJECTS, and FUNDS OBLIGATED. Rows include states like MISSISSIPPI, MISSOURI, MONTANA, NEBRASKA, and NEW HAMPSHIRE, with various project types and funding amounts.

FEDERAL-AID FUNDS OBLIGATED AND PROJECTS AUTHORIZED
FISCAL YEAR 1990

TABLE FA-11
SHEET 7 OF 7
SEPTEMBER 1991

COMPILED FROM THE FISCAL
MANAGEMENT INFORMATION SYSTEM

[INTENDED TO SHOW ONLY NEW START PROJECTS AUTHORIZED IN FY 1990¹]

Table with columns for State and Type of Fund, Roadway Projects (Miles of Roadway, Funding), Bridge Projects (Number of Bridges, Funding), Other Projects (Number of Projects, Funding), and Totals by Fund Type (Funding, Funds Obligated).

1/ THIS TABLE CONTAINS FEDERAL-AID FUNDS OBLIGATED AND HIGHWAY IMPROVEMENT PROJECTS INITIALLY AUTHORIZED IN FISCAL YEAR 1990 BY TYPE OF IMPROVEMENT AND FUNCTIONAL SYSTEM. ADDITIONAL FUNDS OBLIGATED FOR PROJECTS INITIALLY AUTHORIZED IN PRIOR YEARS ARE NOT INCLUDED. THEREFORE, OBLIGATIONS IN THIS TABLE WILL BE LESS THAN THOSE SHOWN IN TABLE FA-4B. TOTALS MAY NOT ADD DUE TO ROUNDING.
2/ NO MILEAGE OR BRIDGE COUNTS ARE REPORTED FOR PRELIMINARY ENGINEERING OR RIGHT-OF-WAY PROJECTS. PROJECT FUNDING, HOWEVER, IS INCLUDED IN THE APPROPRIATE FUND TYPE. THIS CAN RESULT IN DOLLAR ENTRIES IN LINES FOR WHICH THERE ARE NO MILES OR BRIDGES REPORTED.

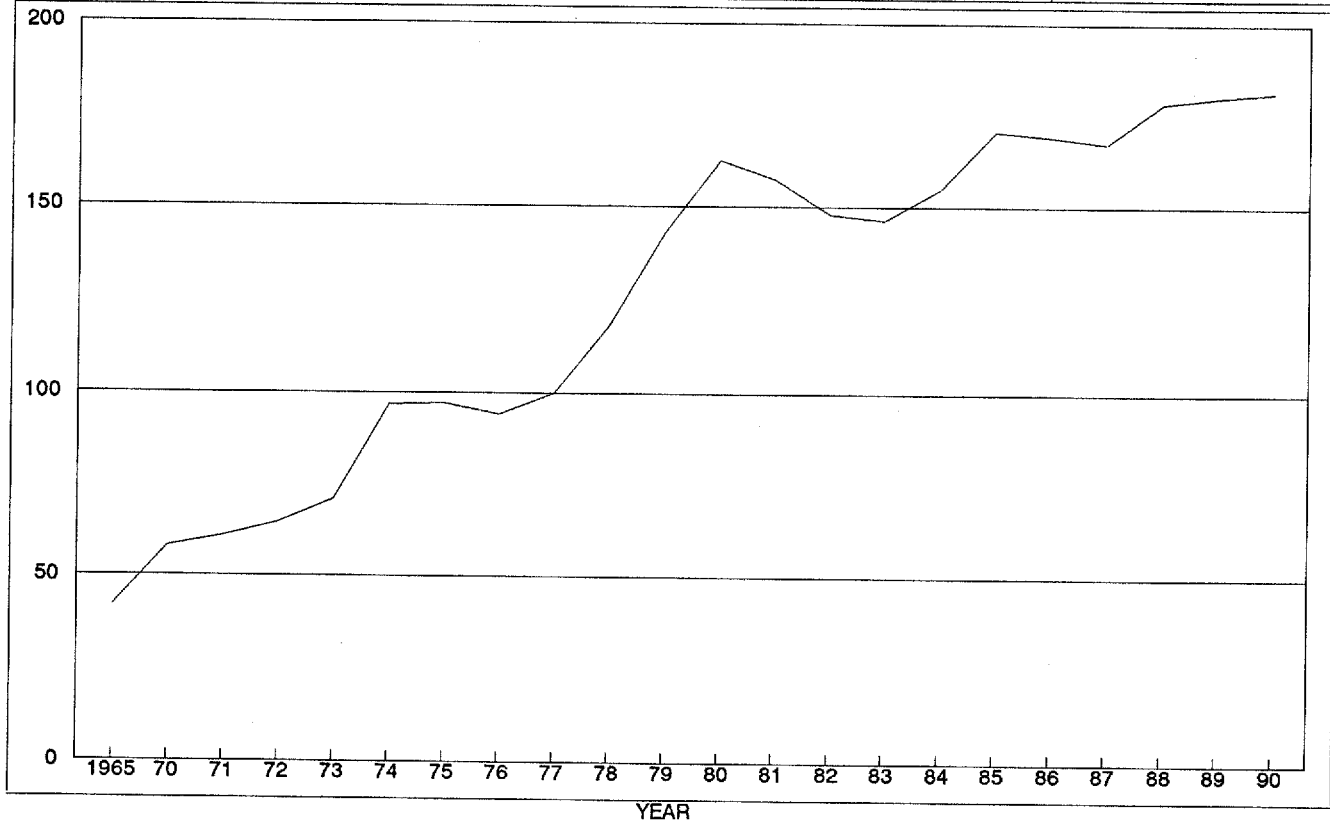
3/ 'REMAINER' CATEGORY INCLUDES FEDERAL-AID FUNDED PROGRAMS NOT OTHERWISE INCLUDED IN THE REMAINING IMPROVEMENT TYPES, SUCH AS BRIDGE PROGRAM SPECIAL ACTIONS, HIGHWAY PLANNING AND RESEARCH, AND METROPOLITAN PLANNING.
4/ 'OTHER' CATEGORY INCLUDES FEDERAL-AID FUNDS NOT OTHERWISE INCLUDED IN THE REMAINING FUND TYPES, SUCH AS INTERSTATE HIGHWAY SUBSTITUTION EIGHTY-FIVE PERCENT MINIMUM ALLOCATION, HAZARD ELIMINATION, DEMONSTRATION PROJECTS, AND PLANNING AND RESEARCH FUNDS. OTHER FUNDS OBLIGATED ALSO INCLUDE FUNDS ALLOCATED FROM THE HIGHWAY TRUST FUND, SUCH AS EMERGENCY RELIEF, FOREST HIGHWAYS, AND PUBLIC LAND HIGHWAYS.

PRICE TRENDS FOR FEDERAL-AID HIGHWAY CONSTRUCTION¹

TABLE PT-1
SEPTEMBER 1991

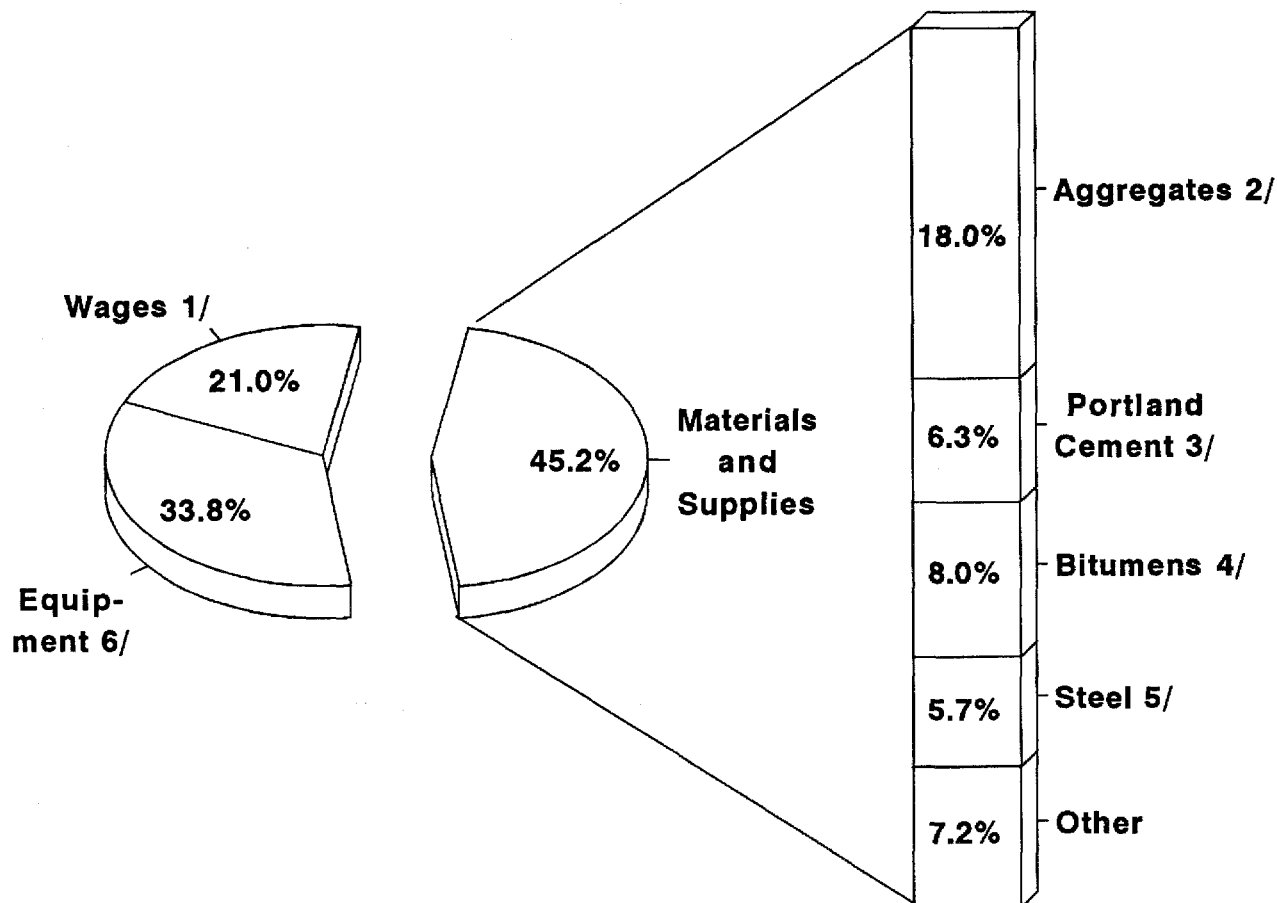
1977 BASE YEAR = 100

YEAR	EXCAVATION	RESURFACING	STRUCTURES	COMPOSITE
1960	34.0	42.7	35.9	37.0
1965	40.6	43.4	41.3	41.7
1970	56.6	54.0	63.9	58.0
1971	57.6	58.9	67.0	60.8
1972	62.1	61.4	68.2	64.5
1973	69.0	66.7	76.0	71.1
1974	86.2	93.3	103.4	96.8
1975	88.9	94.9	101.5	97.2
1976	88.9	93.8	95.8	94.1
1977	100.0	100.0	100.0	100.0
1978	132.8	114.0	118.4	118.2
1979	139.7	138.4	148.4	143.0
1980	157.9	158.9	167.5	162.5
1981	151.9	157.7	159.0	157.5
1982	137.2	148.2	150.8	148.0
1983	150.2	146.8	145.2	146.5
1984	164.0	159.7	147.7	154.8
1985	193.3	170.5	164.3	170.6
1986	209.2	166.4	164.2	169.1
1987	234.7	155.5	167.5	167.2
1988	207.1	155.2	185.9	178.3
1989	205.2	154.6	198.3	180.1
1990	217.5	159.1	197.3	181.4



^{1/} DETAILED INFORMATION IS AVAILABLE FROM THE FEDERAL HIGHWAY ADMINISTRATION IN ITS QUARTERLY PUBLICATION "PRICE TRENDS FOR FEDERAL-AID HIGHWAY CONSTRUCTION," PREPARED BY THE FEDERAL-AID DIVISION, OFFICE OF ENGINEERING.

**DISTRIBUTION OF COSTS ON FEDERAL-AID HIGHWAY CONSTRUCTION
CONTRACTS OVER \$1,000 EXCLUDING ALL SECONDARY PROJECTS
REPORTED DURING CALENDAR YEAR 1990 AS COMPLETED**



1) Gross earnings of contractors' employees in the following classifications: Administrative and Supervisory, Skilled, Intermediate, and Unskilled labor.

2) Aggregates consist of sand, gravel, slag, crushed stone, etc., for use in bases, portland cement concrete and bituminous surfaces, and Portland cement concrete structures.

3) For both roadway and structures.

4) For various types of bituminous surfaces and bases.

5) Includes structural, reinforcing, culvert and miscellaneous steel.

6) Equipment includes fuel and lubricants 1.9%, but excludes operators' and mechanics' wages. Overhead includes contractors' on-site expenses such as mobilization, office rental, taxes, licenses, insurances, etc.

Source: Federal Aid Division
Office of Engineering, FHWA
(202) 366-4651

USAGE FACTORS FOR MAJOR HIGHWAY CONSTRUCTION MATERIALS AND LABOR¹

**U.S. WEIGHTED AVERAGES FOR ALL FEDERAL-AID HIGHWAY CONSTRUCTION
CONTRACTS OVER \$500,000. EXCLUDING ALL SECONDARY PROJECTS.
REPORTED AS COMPLETED DURING CALENDAR YEARS 1988, 1989, 1990**

FEDERAL-AID AND DESIGN DIVISION
OFFICE OF ENGINEERING, FHWA

TABLE PT-4
SEPTEMBER 1991

TYPE OF MATERIALS AND LABOR	UNIT	NUMBER OF UNITS PER MILLION DOLLARS OF CONSTRUCTION COST 2/
CEMENT (EXCLUDES CEMENT IN CONCRETE PIPE)	TON	693
BITUMINOUS MATERIAL	TON	404
AGGREGATES 3/	TON	15,667
PURCHASED (BY CONTRACTORS)	TON	5,161
PRODUCED (BY CONTRACTORS)		
STEEL		
STRUCTURAL (SHAPES, PLATES, H AND SHEET PILING)	TON	28
REINFORCING (PAVEMENT AND STRUCTURAL REINFORCEMENT)	TON	48
CULVERT PIPE (CORRUGATED METAL AND STRUCTURAL PLATE, PIPE ARCHES AND ARCHES)	TON	3
MISCELLANEOUS (JOINT DEVICES, TUBULAR PILING, ETC.)	TON	3
CONCRETE PIPE (PLAIN AND REINFORCED)	TON	90
CLAY PIPE AND TILE (INCLUDES SOME PVC PIPE)	TON	5
LUMBER (ALL LUMBER PRODUCTS EXCEPT TIMBER PILING)	BOARD FOOT	6,064
PETROLEUM PRODUCTS 4/	GALLON	28,064
GUARDRAIL (ALL TYPES)	LINEAR FOOT	999
BRIDGE RAILING (ALL TYPES)	LINEAR FOOT	133
CORRUGATED ALUMINUM CULVERT	POUND	100
SIGNS (COMPLETE IN PLACE)	DOLLAR	8,838
LIGHTING (COMPLETE IN PLACE)	DOLLAR	10,708
LABOR	EMPLOYEE-HOUR	15,393

1/ FOR COMPARABLE STANDARDS OF DESIGN, THE USAGE OF MATERIALS AND LABOR ON FEDERAL-AID WORK IS NOT APPRECIABLY DIFFERENT FROM THEIR USAGE ON NON-FEDERAL-AID WORK. THE DATA IN THIS TABLE ARE OBTAINED FROM FORM FHWA-47.

2/ RIGHT-OF-WAY, PRELIMINARY ENGINEERING AND CONSTRUCTION ENGINEERING COSTS EXCLUDED.

3/ INCLUDES SAND, GRAVEL, CLAY GRAVEL, SLAG, CRUSHED STONE, ETC., USED FOR ALL HIGHWAY CONSTRUCTION INCLUDING BASES, SUBBASES, CONCRETE SURFACES, BITUMINOUS SURFACES, STRUCTURAL CONCRETE AND DRAINAGE WORK.

4/ FUEL AND LUBRICANTS FOR EQUIPMENT AND TRUCKS. GREASE CONVERTED TO GALLONS ON BASIS OF 8 POUNDS PER GALLON.

STATE MOTOR-FUEL TAXES AND RELATED RECEIPTS - 1990¹

COMPILED FOR THE CALENDAR YEAR FROM REPORTS OF STATE AUTHORITIES AND OTHER SOURCES

(THOUSANDS OF DOLLARS)

TABLE MF-1
OCTOBER 1991

STATE	RECEIPTS FROM TAXATION OF MOTOR FUEL 3/							OTHER RELATED RECEIPTS					ADJUSTED NET TOTAL RECEIPTS
	GROSS TAX COLLECTIONS 2/	DEDUCTIONS BY DISTRIBUTORS FOR EXPENSES	GROSS RECEIPTS BY STATE	REFUNDS PAID	NET RECEIPTS BY STATE	DEDICATED REVENUE FROM NONHIGHWAY GASOLINE 4/	ADJUSTED NET GALLONAGE RECEIPTS	DISTRIBUTORS AND DEALERS LICENSES	INSPECTION FEES 5/	FINES AND PENALTIES	MISCELLANEOUS RECEIPTS	TOTAL	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ALABAMA	355,178	2,545	352,633	349	352,284	692	351,592	557	0	0	7,261	7,818	359,410
ALASKA	25,486	-	25,486	325	25,161	-	25,161	0	0	18	0	18	25,179
ARIZONA	349,685	-	349,685	1,943	347,742	4,065	343,677	0	0	478	2,779	3,257	346,934
ARKANSAS	214,689	-	214,689	70	214,619	-	214,619	0	0	0	0	-	214,619
CALIFORNIA	1,366,450	-	1,366,450	8,172	1,358,278	34,076	1,324,202	0	0	0	4,730	4,730	1,328,932
COLORADO	326,164	1,887	324,277	4,435	319,842	-	319,842	0	0	0	45	45	319,887
CONNECTICUT	306,987	-	306,987	727	306,260	-	306,260	0	0	0	0	-	306,260
DELAWARE	64,306	-	64,306	213	64,093	-	64,093	7	0	36	0	43	64,136
DIST. OF COL.	30,025	-	30,025	-	30,025	-	30,025	0	0	0	0	36	30,061
FLORIDA	716,078	2,335	713,743	12,937	700,806	-	700,806	93	7,642	0	2,157	9,902	710,708
GEORGIA	333,006	3,789	329,217	122	329,095	-	329,095	0	0	450	3,415	3,865	332,960
HAWAII	45,519	-	45,519	110	45,409	-	45,409	0	0	1	0	1	45,410
IDAHO	109,608	1,734	107,874	1,839	106,035	54	105,981	0	0	581	0	581	106,562
ILLINOIS	1,085,012	-	1,085,012	21,277	1,063,735	5,040	1,058,695	0	0	0	0	-	1,058,695
INDIANA	591,418	8,433	582,985	3,364	579,621	162	579,459	0	0	0	289	289	579,748
IOWA	336,171	-	336,171	15,435	320,736	2,614	320,736	2	0	68	1,248	1,316	319,440
KANSAS	227,717	-	227,717	2,932	224,785	-	224,785	13	172	2	0	187	224,972
KENTUCKY	357,595	-	357,595	1,075	356,520	-	356,520	0	0	0	662	662	357,182
LOUISIANA	480,890	2,946	477,944	25,954	451,990	-	451,990	0	809	105	0	914	452,904
MAINE	125,475	-	125,475	1,212	124,263	3,383	120,880	0	0	300	0	300	121,180
MARYLAND	453,657	-	453,657	7,264	446,373	2,585	443,788	0	0	783	5,706	6,489	450,277
MASSACHUSETTS	348,873	-	348,873	1,070	347,803	474	347,329	0	0	0	7,656	7,656	354,985
MICHIGAN	684,403	-	684,403	4,352	680,051	12,430	667,621	22	0	0	16,655	16,677	684,298
MINNESOTA	448,270	-	448,270	1,922	446,348	9,309	437,039	24	852	0	30,293	31,169	468,208
MISSISSIPPI	282,439	-	282,439	216	282,223	244	281,979	0	0	341	15,733	16,074	298,053
MISSOURI	361,651	-	361,651	3,659	357,992	-	357,992	0	881	0	729	1,610	359,602
MONTANA	110,472	-	110,472	3,758	106,714	1,678	105,036	0	0	319	0	319	105,355
NEBRASKA	211,258	1,037	210,221	6,351	203,870	166	203,704	0	0	0	11	11	203,715
NEVADA	154,434	1,763	152,671	1,199	151,472	2,214	149,258	0	446	0	0	446	149,704
NEW HAMPSHIRE	85,867	-	85,867	737	85,130	797	84,333	0	0	458	2,960	3,418	87,741
NEW JERSEY	408,917	-	408,917	533	408,384	-	408,384	1,155	0	5,759	0	6,914	415,298
NEW MEXICO	150,316	-	150,316	644	159,672	504	159,168	0	0	5,953	380	6,333	165,501
NEW YORK 6/	534,978	-	534,978	5,519	529,459	-	529,459	0	0	0	7	7	529,466
NORTH CAROLINA	849,637	-	849,637	17,008	832,629	-	832,629	0	10,072	789	2,232	13,093	845,722
NORTH DAKOTA	75,135	1,812	73,323	3,856	69,467	313	69,154	2	199	72	1,681	1,954	71,308
OHIO	1,060,650	-	1,060,650	12,496	1,048,155	5,092	1,043,063	0	0	0	1,479	1,479	1,044,542
OKLAHOMA	320,818	4,049	316,769	294	316,475	36	316,439	0	0	0	0	0	316,439
OREGON	249,777	-	249,777	1,665	248,112	4,192	243,920	0	0	91	154	245	244,165
PENNSYLVANIA	1,025,427	4,851	1,020,576	2,401	1,018,175	223	1,017,952	0	0	854	6,607	7,471	1,025,423
RHODE ISLAND	84,273	-	84,273	769	83,504	-	83,504	0	0	0	0	-	83,504
SOUTH CAROLINA	358,214	1,951	356,263	7,165	349,098	1,061	348,037	4,663	0	0	0	4,663	352,700
SOUTH DAKOTA	87,250	1,878	85,372	4,355	81,017	608	80,409	0	0	13	755	768	81,177
TENNESSEE	632,071	8,076	623,995	14,053	609,942	-	609,942	0	36,283	0	0	36,283	646,225
TEXAS	1,580,423	31,608	1,548,815	28,943	1,519,872	9,075	1,510,797	0	0	0	0	-	1,510,797
UTAH	171,290	2,753	168,537	700	167,837	2,096	165,741	0	0	0	920	920	166,661
VERMONT	55,554	-	55,554	3	55,551	-	55,551	0	0	0	2,007	2,007	57,558
VIRGINIA	616,806	972	615,834	3,524	612,310	298	612,012	0	0	274	1	275	612,287
WASHINGTON	549,671	-	549,671	1,336	548,335	10,012	538,321	0	0	0	26	26	538,347
WEST VIRGINIA	152,830	-	152,830	495	152,335	-	152,335	0	0	0	0	-	152,335
WISCONSIN	544,244	-	544,244	5,110	539,134	-	539,134	0	0	0	0	-	539,134
WYOMING	43,796	-	43,796	879	42,917	370	42,547	20	0	0	2,411	2,431	44,978
TOTAL	20,150,850	84,219	20,066,631	244,788	19,821,843	113,863	19,707,980	6,558	57,356	17,755	121,035	202,704	19,910,684
PERCENTAGE	100.00	0.42	99.58	1.21	98.37	0.57	97.80	-	-	-	-	-	-

1/ THIS TABLE INCLUDES THE REVENUES FROM STATE TAXES ON ALL MOTOR-VEHICLE FUELS AND RELATED RECEIPTS IN CONNECTION WITH MOTOR-FUEL TAXATION AND ADMINISTRATION. IN MANY STATES, HOWEVER, THE TAX ON SPECIAL FUELS (FUELS OTHER THAN GASOLINE OR GASOHOL) IS APPLICABLE ONLY TO THE GALLONAGE USED ON THE HIGHWAYS. FOR THE STATES THAT APPLY THE TAX TO ALL FUEL SOLD, THE REVENUE AND REFUNDS COVERING THE NONHIGHWAY PORTION OF THESE SPECIAL FUELS HAVE BEEN EXCLUDED.
 2/ INCLUDES, IN SOME STATES, RECEIPTS IN THE FORM OF TAX CREDITS FOR REFUND CLAIMS ACCEPTED BY DISTRIBUTORS ACTING AS AGENTS OF THE STATE AND REFUND CREDITS TO USERS WHO ARE LICENSED AS DISTRIBUTORS.
 3/ FOR TAX RATES AS OF JANUARY 1, 1990, AND RATE CHANGES DURING THE YEAR, SEE

TABLE MF-121T. STATES WITH VARIABLE TAX RATES ARE ALSO IDENTIFIED IN TABLE MF-121T.
 4/ THESE ARE PROCEEDS FROM TAXES ON NONHIGHWAY USES OF GASOLINE DEDICATED FOR THE IMPROVEMENT OF FACILITIES OTHER THAN HIGHWAYS. THEY ARE GENERALLY REVENUES FROM TAXES ON GASOLINE FOR AVIATION AND MARINE USE, BUT IN SOME STATES, INCLUDE TAXES ON GASOLINE USED IN OFF-HIGHWAY RECREATIONAL VEHICLES AND SNOWMOBILES. IN CALIFORNIA, REVENUES FROM THE TAX ON GASOLINE USED FOR AGRICULTURAL PURPOSES ARE INCLUDED.
 5/ THESE ARE FEES FOR INSPECTION OF MOTOR-VEHICLE FUEL. INsofar AS POSSIBLE, FEES FOR INSPECTION OF FUELS NOT USED ON HIGHWAYS HAVE BEEN ELIMINATED.
 6/ PRELIMINARY DATA.

STATE TAX RATES ON MOTOR FUEL - 1990¹TABLE MF-121T
SHEET 1 OF 2
SEPTEMBER 1991

STATE	GASOLINE		DIESEL		LIQUEFIED PETROLEUM GAS		GASOHOL		
	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	EXEMPTION
ALABAMA	2/ 13		2/ 14		12		2/ 13		0
ALASKA	8		8		0		0		8
ARIZONA	17		17		17		17		0
	18	10-1	18	10-1	18	10-1	18	10-1	0
ARKANSAS	3/ 13.7		3/ 12.7		11.5		3/ 13.7		0
CALIFORNIA	9		9		4/ 6		9		0
COLORADO	20		18	1-1	5/ 18	1-1	20		0
CONNECTICUT	20		20		20		19		1
	22	7-1	22	7-1	22	7-1	21	7-1	1
DELAWARE	16		16		16		16		0
DIST. OF COL.	18		18		18		18		0
FLORIDA 6/	7/ 9.7		7/ 9.7		8/ 4		7/ 9.7		0
	10.9	7-1	10.9	7-1	8/ 4		10.9	7-1	0
GEORGIA	7.5		7.5		7.5		7.5		0
HAWAII	11		11		8		11		0
IDAHO	18		18		18		14		4
ILLINOIS	19		9/ 21.5		19		19		0
INDIANA 9/	15		16		10/ 0		15		0
IOWA	20		22.5		20		19		1
KANSAS	15		17		4/ 14		15		0
	16	7-1	18	7-1	4/ 15	7-1	16	7-1	0
KENTUCKY 6/ 11/	15		12		15		15		0
	12/ 15.4	7-1	12/ 12.4	7-1	15	7-1	12/ 15.4	7-1	0
LOUISIANA	20	1-1	20	1-1	13/ 20	1-1	14/ 20	1-1	0
MAINE	17		20		16		17	1-1	0
MARYLAND	18.5		18.5		18.5		18.5		0
MASSACHUSETTS 6/	11		11		4.2	1-1	11		0
	11		11		4.3	4-1	11		0
	11		11		4.6	7-1	11		0
	17	7-28	17	7-28	4.6		17	7-28	0
	17		17		7.1	10-1	17		0
MICHIGAN	15		15/ 15		15		15		0
MINNESOTA	20		20		5/ 20		18		2
MISSISSIPPI	18		18		17		18		0
	16/ 18.2	7-1	16/ 18.2	7-1	17		16/ 18.2	7-1	0
MISSOURI	17/ 11.03		11		18/ 11		17/ 11.03		0
MONTANA	20		20		19/ 0		14/ 20		0
NEBRASKA 6/	20/ 22.3	1-1	20/ 22.3	1-1	22	1-1	14/ 20/ 19.3	1-1	3
	20/ 23.1	4-1	20/ 23.1	4-1	22.8	4-1	14/ 20/ 20.1	4-1	3
	20/ 22.2	7-1	20/ 22.2	7-1	21.9	7-1	14/ 20/ 20.2	7-1	2
	20/ 21.7	10-1	20/ 21.7	10-1	21.4	10-1	14/ 20/ 19.7	10-1	2
NEVADA	18		22		22		18		0
NEW HAMPSHIRE	21/ 14.6		21/ 14.6		14		21/ 14		0
	21/ 16.6	4-1	21/ 16.6	4-1	16	4-1	21/ 16.6	4-1	0
NEW JERSEY 22/	10.5		13.5		5.25		6.5	1-1	4
NEW MEXICO	16.2		16.2		16.2		13.2		3
	23/ 17	7-1	23/ 17	7-1	24/ 16	7-1	23/ 25/ 15	7-1	2
NEW YORK 9/ 26/	8.05		10.05		8.05		8.05		0
	14.375	10-1	16.375	10-1	8.05		14.375	10-1	0
NORTH CAROLINA 6/	21.7	1-1	21.7	1-1	21.7	1-1	21.7	1-1	0
	21.5	7-1	21.5	7-1	21.5	7-1	21.5	7-1	0
NORTH DAKOTA	17		27/ 17		27/ 17		14/ 17		0
OHIO 6/	18		18		18		14/ 18		0
	20	7-1	20	7-1	20	7-1	20	7-1	0
OKLAHOMA 28/	29/ 17		30/ 14		4/ 29/ 17		29/ 17		0
OREGON	18	1-1	18	1-1	30/ 18	1-1	18	1-1	0
PENNSYLVANIA 6/ 9/ 31/	17.8		17.8		17.8		17.8		0
RHODE ISLAND 8/	20		20		20		20		0
SOUTH CAROLINA	16		16		16		10		6
SOUTH DAKOTA	18		18		16		14/ 16		2
TENNESSEE	20		17		14		20		0
TEXAS	15		15		5/ 15		15		0
UTAH	19		19		32/ 19		19		0
VERMONT	16		33/ 17		0		16		0
VIRGINIA 34/	17.7		16.2		16.2		17.7		0
WASHINGTON	18		18		10/ 0		14/ 15.12		2.88
	22		22		10/ 0		14/ 18.48		3.52
WEST VIRGINIA 6/	20.35		20.35		20.35		20.35		0
WISCONSIN 8/	20.8		20.8		20.8		20.8		0
	21.5	4-1	21.5	4-1	21.5	4-1	21.5	4-1	0
WYOMING	9		9		35/ 0		5		4
WEIGHTED AVERAGE TAX RATE 38/	15.39		16.05		14.48		16.61		

STATE TAX RATES ON MOTOR FUEL — 1990 ¹

TABLE MF-121T
SHEET 2 OF 2
SEPTEMBER 1991

STATE	SALES TAX	
	PERCENT	REMARKS
ALABAMA	4	APPLIES TO FUEL NOT TAXABLE UNDER GALLONAGE TAX LAWS.
CALIFORNIA	4.75	APPLIES TO SALES PRICE INCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES.
GEORGIA	3	A SECOND MOTOR-FUEL TAX APPLIES TO SALES PRICE INCLUDING FEDERAL MOTOR-FUEL TAX.
HAWAII	4	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES. ALCOHOL FUELS ARE EXEMPT.
ILLINOIS	6.25	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES. FOR GASOHOL, ONLY 70 PERCENT OF THE PRICE IS SUBJECT TO SALES TAX.
INDIANA	5	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES.
KANSAS	4.25	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
KENTUCKY	6	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
MAINE	5	APPLIES TO MOTOR FUEL NOT TAXED AT THE MAXIMUM RATE FOR HIGHWAY USE UNDER THE GALLONAGE TAX LAWS.
MASSACHUSETTS	5	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
MICHIGAN	4	APPLIES TO SALES PRICE OF DIESEL FUEL INCLUDING FEDERAL MOTOR-FUEL TAX EXCEPT WHEN USED IN A PASSENGER VEHICLE WITH CAPACITY OF 10 OR MORE FOR HIRE OVER REGULARLY SCHEDULED ROUTES IN MICHIGAN.
MINNESOTA	6	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
NEW MEXICO	5	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS. ETHANOL BLENDS DEDUCTIBLE UNDER THE GASOLINE TAX LAW ARE EXEMPT.
NEW YORK	4	APPLIES TO SALES PRICE INCLUDING FEDERAL MOTOR-FUEL TAX.
OHIO	5	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
OKLAHOMA	4.5	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
RHODE ISLAND	7	APPLIES TO SALES PRICE. GASOLINE IS EXEMPT.
SOUTH CAROLINA	5	APPLIES TO SALES PRICE OF AVIATION GASOLINE ONLY.
SOUTH DAKOTA	4	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
TENNESSEE	4.5	APPLIES TO SALES PRICE OF AVIATION FUEL ONLY.
TEXAS	6.25	APPLIES TO FUELS NOT TAXED OR EXEMPTED UNDER OTHER LAWS.
UTAH	5	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
VERMONT	4	APPLIES TO SALES PRICE.
VIRGINIA	2	APPLIES TO RETAIL SALES WITHIN A COUNTY OR CITY WHICH IS A MEMBER OF ANY TRANSPORTATION DISTRICT IN WHICH A HEAVY RAIL COMMUTER MASS TRANSPORTATION SYSTEM OR A BUS COMMUTER MASS TRANSPORTATION SYSTEM IS OWNED AND OPERATED BY A TRANSPORTATION AGENCY.
WASHINGTON	6.5	APPLIES TO SALES PRICE. THE FOLLOWING ARE EXEMPT: CERTAIN PROVIDERS OF PUBLIC TRANSPORTATION AND TRANSPORTATION OF HANDICAPPED PERSONS; ALCOHOL FOR USE AS MOTOR VEHICLE FUEL; AND DIESEL FUEL FOR CERTAIN COMMERCIAL FISHING VESSELS.
WISCONSIN	5	APPLIES TO FUELS NOT TAXABLE UNDER THE GALLONAGE TAX LAWS.
WYOMING	3	APPLIES TO SALES PRICE OF LIQUEFIED PETROLEUM GASES.

1/ THIS TABLE SHOWS MOTOR FUEL TAX RATES IN EFFECT AS OF JANUARY 1, AND ANY SUBSEQUENT CHANGES THAT HAVE OCCURRED THROUGHOUT THE YEAR. ONLY TAXES THAT ARE LEVIED AS A DOLLAR AMOUNT PER VOLUME OF MOTOR FUEL ARE INCLUDED ON SHEET 1. TAXES THAT APPLY TO ALL PETROLEUM PRODUCTS WITHOUT DISTINGUISHING MOTOR FUEL ARE ALSO OMITTED.

2/ INCLUDES 2 CENTS PER GALLON INSPECTION FEE.

3/ RATE SHOWN INCLUDES 0.2 CENT PER GALLON ENVIRONMENTAL ASSURANCE FEE.

4/ LPG USER MAY PAY AN ANNUAL FEE IN LIEU OF THE GALLONAGE TAX.

5/ OWNERS OF LPG VEHICLES REGISTERED IN STATE MUST PAY AN ANNUAL FLAT FEE IN LIEU OF THE GALLONAGE TAX.

6/ "VARIABLE TAX." THE RATE OR A COMPONENT OF THE RATE IS DETERMINED PERIODICALLY BY A PROCEDURE PRESCRIBED BY LAW.

7/ RATE CONSISTS OF A FIXED RATE OF 4 CENTS PER GALLON PLUS A 5 PERCENT (8 PERCENT BEGINNING JULY 1) SALES TAX APPLIED TO THE LEGISLATED RETAIL PRICE ESTABLISHED ANNUALLY. THE SALES TAX COMPONENT MAY GO BELOW 5.7 CENTS PER GALLON (6.9 CENTS EFFECTIVE JULY 1).

8/ FLORIDA-REGISTERED VEHICLES POWERED BY LPG PAY AN ANNUAL DECAL FEE IN LIEU OF THE 4 CENT TAX ON ALTERNATIVE FUELS.

9/ ADDITIONAL GALLONAGE TAX IS REQUIRED FOR MOTOR CARRIERS: 4.1 CENTS (4.5 CENTS EFFECTIVE JULY 1) IN ILLINOIS; 11 CENTS IN INDIANA; AND 6 CENTS IN PENNSYLVANIA. THE RATES FOR THE ADDITIONAL TAX IN NEW YORK ARE ADJUSTED QUARTERLY. THE RATES FOR GASOLINE ARE 6.9, 7, 6.9, AND 8.3 CENTS. THE DIESEL RATES ARE 7.5, 8.1, 7.7, AND 10.6 CENTS PER GALLON.

10/ OWNERS OF LPG-POWERED VEHICLES PAY AN ANNUAL FEE.

11/ IN KENTUCKY, A 2% SURTAX IS IMPOSED ON GASOLINE AND 4.7% ON SPECIAL FUELS FOR ANY VEHICLE WITH 3 OR MORE AXLES. AN ADDITIONAL 2 CENTS PER GALLON SURTAX ON VEHICLES WITH A COMBINED LICENSED WEIGHT IN EXCESS OF 59,999 POUNDS IS IMPOSED.

12/ RATE SHOWN INCLUDES 0.4 CENT PER GALLON PETROLEUM ENVIRONMENTAL ASSURANCE FEE.

13/ OWNERS OF LPG-POWERED VEHICLES OF 10,000 POUNDS OR LESS GROSS VEHICLE WEIGHT PAY AN ANNUAL FLAT FEE OF \$150 IN LIEU OF THE GALLONAGE TAX.

14/ LOUISIANA HAS A PRODUCER'S INCENTIVE CREDIT OF \$1.40 PER GALLON OF ETHANOL. IN OHIO, THE DEALER IS REFUNDED 15 CENTS PER GALLON OF EACH QUALIFIED FUEL (ETHANOL OR METHANOL) THAT IS BLENDED WITH UNLEADED GASOLINE. NEBRASKA HAS A PRODUCER'S INCENTIVE OF 20 CENTS PER GALLON OF ETHANOL PRODUCED AT QUALIFIED FACILITIES IN STATE. WASHINGTON PAYS A TAX CREDIT OF 80 PERCENT OF THE TAX RATE FOR EVERY GALLON OF ALCOHOL USED IN GASOHOL; THE RATE SHOWN REFLECTS THIS CREDIT. MONTANA PAYS ALCOHOL DISTILLERS A CREDIT OF 30 CENTS PER GALLON OF ALCOHOL PRODUCED IN STATE WITH STATE AGRICULTURAL PRODUCTS THAT WAS BLENDED WITH GASOLINE TO MAKE GASOHOL. NORTH DAKOTA CREDITS PRODUCERS 40 CENTS PER GALLON OF AGRICULTURALLY DERIVED ALCOHOL PRODUCED IN THE STATE AND USED TO MAKE GASOHOL. SOUTH DAKOTA GRANTS A CREDIT AT THE RATE OF THE GASOLINE TAX TO DISTRIBUTORS BLENDING GASOLINE WITH ETHANOL TO PRODUCE GASOHOL. A PRODUCTION INCENTIVE PAYMENT OF 20 CENTS PER GALLON IS ALLOWED FOR DISTILLERS PRODUCING ETHANOL TO MAKE GASOHOL.

15/ THERE IS A 6 CENTS PER GALLON DISCOUNT IF DIESEL FUEL IS DELIVERED INTO THE FUEL SUPPLY TANK OF A COMMERCIAL VEHICLE WHICH IS LICENSED (DECAL) AT THE RATE OF \$92 FOR A RESIDENT VEHICLE AND \$25 FOR A NONRESIDENT VEHICLE.

16/ RATE SHOWN INCLUDES 0.2 CENT PER GALLON TAX DEDICATED TO THE GROUNDWATER PROTECTION TRUST FUND.

17/ RATE SHOWN INCLUDES INSPECTION FEE OF 0.03 CENTS PER GALLON.

18/ MISSOURI-REGISTERED VEHICLES MAY PAY AN ANNUAL DECAL FEE IN LIEU OF GALLONAGE TAX.

19/ MONTANA-REGISTERED VEHICLES ARE SUBJECT TO AN ANNUAL LICENSE FEE BASED ON GROSS WEIGHT. NONRESIDENTS MAY PURCHASE 72-HOUR TRIP PERMITS.

20/ RATE SHOWN INCLUDES 0.3 CENT PER GALLON PETROLEUM RELEASE REMEDIAL ACTION FEE.

21/ RATE SHOWN INCLUDES 0.6 CENT PER GALLON OIL DISCHARGE AND DISPOSAL CLEANUP FEE.

22/ EFFECTIVE 7/1/90, IN ADDITION TO RATES SHOWN, NEW JERSEY IMPOSES A PETROLEUM PRODUCTS GROSS RECEIPTS TAX OF 2.75 PERCENT.

23/ RATE SHOWN INCLUDES PETROLEUM PRODUCTS LOADING FEE OF \$80 PER 8,000 GALLONS (1 CENT PER GALLON).

24/ OWNERS OF LPG-POWERED VEHICLES UP TO 26,000 POUNDS GROSS VEHICLE WEIGHT MAY PAY AN ANNUAL FEE IN LIEU OF GALLONAGE TAX.

25/ IN NEW MEXICO, RATE IS FOR GASOHOL WITH AT LEAST 50 PERCENT OF ETHANOL PRODUCED IN STATE DERIVED FROM AGRICULTURAL FEEDSTOCKS FROM THE STATE.

26/ RATES SHOWN INCLUDE PETROLEUM TESTING FEE OF 0.5 MILL (0.05 CENT) PER GALLON. EFFECTIVE OCTOBER 1, ALSO INCLUDED IS THE PETROLEUM BUSINESS TAX OF 5.5 CENTS PER GALLON OF GASOLINE, GASOHOL, OR DIESEL PLUS A 15 PERCENT SURCHARGE.

27/ A SPECIAL EXCISE TAX OF 2 PERCENT IS IMPOSED ON ALL SALES OF SPECIAL FUEL THAT ARE EXEMPTED FROM THE GALLONAGE TAX IF THE FUEL IS SOLD FOR USE IN NORTH DAKOTA.

28/ RATE SHOWN INCLUDES 1 CENT PER GALLON TAX DEDICATED TO THE PETROLEUM UNDERGROUND TANK RELEASE ENVIRONMENTAL CLEANUP INDEMNITY FUND. WHEN THE FUND REACHES SPECIFIED BALANCE, FUTURE TAX REVENUES WILL BE DEPOSITED IN A HIGHWAY FUND.

29/ RATE SHOWN INCLUDES 0.08 CENT PER GALLON INSPECTION FEE.

30/ TAX IS PAID BY USERS FOR VEHICLES NOT UNDER THE JURISDICTION OF PUBLIC UTILITY COMMISSIONER. VEHICLES UNDER JURISDICTION OF PUBLIC UTILITY COMMISSIONER AND PAYING MOTOR-CARRIER FEES ARE EXEMPT FROM PAYMENT OF THE MOTOR-FUEL TAX.

31/ RATES SHOWN INCLUDE THE OIL FRANCHISE TAX FOR HIGHWAY MAINTENANCE AND CONSTRUCTION. FRANCHISE TAX RATE IS VARIABLE.

32/ LPG IS TAX EXEMPT IF USER PURCHASES EXEMPTION CERTIFICATE ANNUALLY.

33/ DIESEL VEHICLES 10,000 POUNDS AND OVER PAY 26 CENTS PER GALLON.

34/ MOTOR CARRIER ROAD TRACTORS, TRACTOR TRUCKS AND STRAIGHT TRUCKS WITH MORE THAN 2 AXLES PAY AN ADDITIONAL 3.5 CENTS PER GALLON.

RATES SHOWN INCLUDE 0.2 CENT PER GALLON FOR THE VIRGINIA UNDERGROUND PETROLEUM STORAGE TANK FUND.

35/ LPG IS SUBJECT TO SALES TAX.

36/ THIS IS THE TAX RATE AS OF DECEMBER 31 WEIGHTED ON THE NET GALLONS TAXED. THE COMBINED RATE FOR GASOLINE AND GASOHOL IS 15.47 CENTS PER GALLON. THE COMBINED RATE FOR SPECIAL FUELS (DIESEL AND LIQUEFIED PETROLEUM GASES) IS 16.00 CENTS PER GALLON.

DISPOSITION OF STATE MOTOR-VEHICLE AND MOTOR-CARRIER TAX RECEIPTS - 1990

TABLE MV-3
OCTOBER 1991

COMPILED FROM REPORTS
OF STATE AUTHORITIES

Table with columns: STATE, RECEIPTS AVAILABLE FOR DISTRIBUTION, COLLECTING MOTOR-VEHICLE AND MOTOR-CARRIER TAXES, NET FUNDS DISTRIBUTED, CAPITAL OUTLAY MAINTENANCE AND IMPROVEMENT, HIGHWAY LAW ENFORCEMENT AND SAFETY, SERVICE OF OBLIGATIONS FOR STATE HIGHWAYS, TOTAL, COUNTY AND TOWNSHIP ROADS, MUNICIPAL STREETS, TOTAL, STATE GENERAL PURPOSES, LOCAL GENERAL PURPOSES, OFFSET BY GENERAL FUNDS FOR HIGHWAYS (NON-ADDITIVE), TOTAL. Rows include ALABAMA, ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, CONNECTICUT, DELAWARE, DIST. OF COL., FLORIDA, GEORGIA, HAWAII, IDAHO, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MAINE, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, MONTANA, NEBRASKA, NEVADA, NEW HAMPSHIRE, NEW JERSEY, NEW MEXICO, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, RHODE ISLAND, SOUTH CAROLINA, SOUTH DAKOTA, TENNESSEE, TEXAS, UTAH, VERMONT, VIRGINIA, WASHINGTON, WEST VIRGINIA, WISCONSIN, WYOMING, and TOTAL.

1/ SEE TABLE MV-2 FOR DETAILS OF RECEIPTS. AMOUNTS IN THIS COLUMN EXCLUDE ADJUSTMENTS FOR UNDISTRIBUTED BALANCES AND TRANSFER, ETC.
2/ COLLECTION EXPENSES IN MANY STATES INCLUDE SERVICE CHARGES DEDUCTED BY COUNTY AND LOCAL COLLECTORS.
3/ MOTOR-VEHICLE REVENUES ARE PLACED FOR SPECIFIC PURPOSES OR PLACED WITH OTHER HIGHWAY-USER REVENUES IN A COMMON FUND FROM WHICH DISTRIBUTION IS MADE.
4/ THIS TABLE INCLUDES BOTH SPECIFIC DEDICATIONS AND PRO RATA MOTOR-VEHICLE TAX PORTION OF THE AMOUNTS DISTRIBUTED FROM THE COMMON FUND.
5/ FORMER COUNTY ROADS ARE UNDER STATE CONTROL IN AL, (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WY.
6/ INCLUDES DIRECT EXPENDITURES BY STATE ON LOCAL ROADS AND STREETS, AS WELL AS GRANTS-IN-AID. IN MANY STATES FUNDS ALLOTTED FOR "COUNTY AND TOWNSHIP ROADS" MAY ULTIMATELY HAVE BEEN USED IN PART FOR MUNICIPAL STREETS.
7/ ALLOCATIONS FOR LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS, BUT SUCH AMOUNTS WERE NOT REPORTED.

7/ GROSS ALLOCATIONS OF HIGHWAY-USER REVENUES TO STATE AND COUNTY GENERAL FUNDS WERE OFFSET, IN THE AMOUNTS SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS FROM STATE GENERAL FUNDS. THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE AND LOCAL HIGHWAY PURPOSES.
8/ THE AMOUNTS SHOWN DO NOT NECESSARILY CONSTITUTE DIVERSION FROM HIGHWAY USE REQUIRING A PENALTY UNDER THE TERMS OF THE HAYDEN-CARTWRIGHT ACT OF 1984. SUCH DIVERSIONS CAN BE DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1984.
9/ IN THESE STATES, MOST HIGHWAY-USER REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES' FINANCING, SEE "HIGHWAY FINANCE" TEXT UNDER "FUNDS ATTRIBUTABLE TO HIGHWAY USERS."
10/ THE NON-HIGHWAY ALLOCATIONS OF "VEHICLE LICENSE FEES" IN CALIFORNIA AND "MOTOR-VEHICLE EXCISE TAXES" IN WASHINGTON (SEE TABLE MV-2, FOOTNOTE 9) WERE IN LIEU OF PERSONAL PROPERTY TAXES FORMERLY IMPOSED ON MOTOR VEHICLES.
11/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

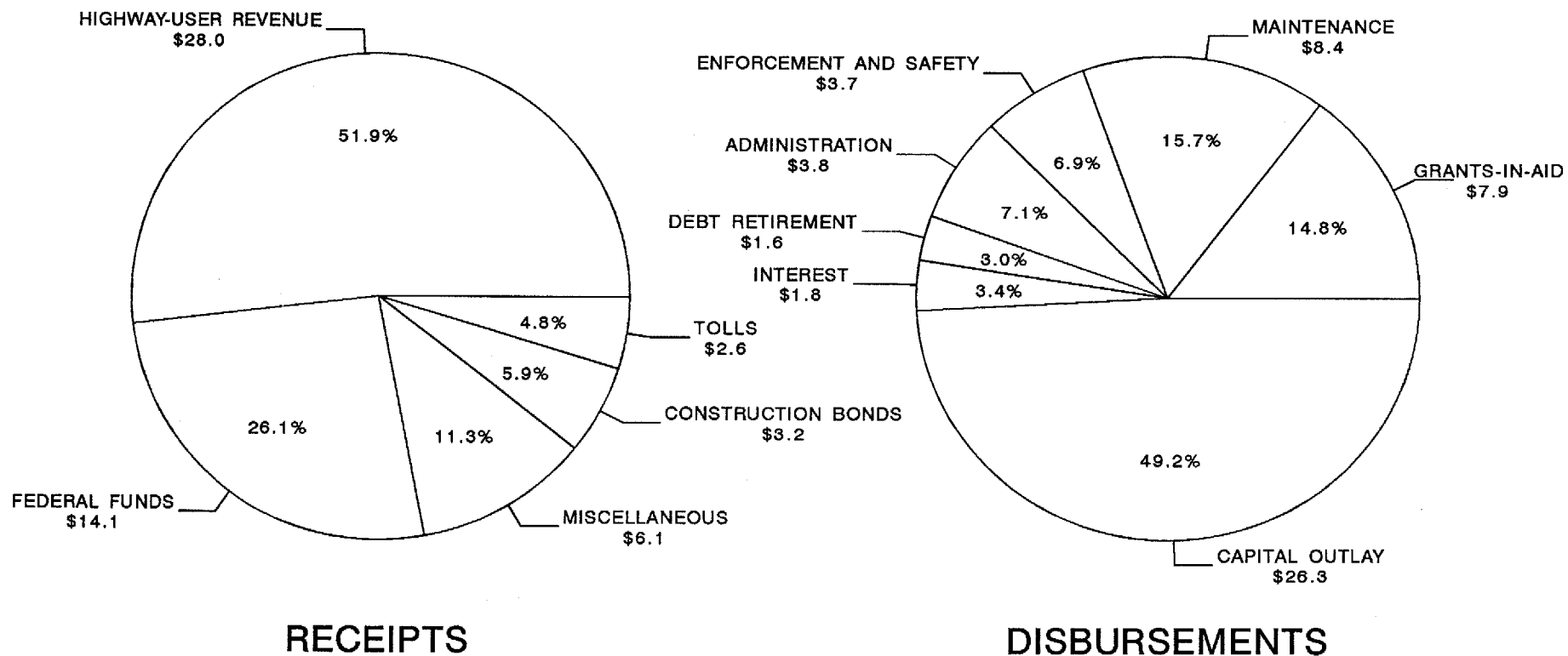
STATE HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS - SUMMARY - 1990¹

TABLE SF-1 OCTOBER 1991
 COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	BALANCE BEGINNING OF YEAR 2/		CURRENT STATE INCOME 3/		APPROPRIATIONS FROM GENERAL FUNDS		MISCELLANEOUS RECEIPTS	PAYMENTS FROM OTHER GOVERNMENTS		ISSUE OF BONDS		TOTAL RECEIPTS
	RESERVES FOR CURRENT HIGHWAY WORK	TOTAL	MOTOR-FUEL TAXES	HIGHWAY-USER REVENUES 3/	ROAD AND CROSSING TOLLS 4/	TOTAL		FEDERAL HIGHWAY ADMINISTRATION	OTHER AGENCIES	FROM COUNTIES AND TOWNSHIPS	FOR CAPITAL OUTLAY	
ALABAMA	150,291	150,291	341,798	494,122	9,348	519,216	317,204	3,488	333	245	12,318	852,784
ALASKA	428,125	443,068	25,117	45,690	118,294	131,274	131,274	198,430	112,843	7,193	350,981	1,418,545
ARIZONA	82,069	82,069	203,093	318,991	15,545	352,230	180,868	4,284	11,024	-	-	481,863
ARKANSAS	949,069	953,454	1,195,313	2,069,019	1,552	2,436,438	1,478,089	44,820	66,058	54,890	-	4,079,873
CALIFORNIA	53,547	53,547	313,321	363,683	634	401,160	270,136	2,824	4,727	6,757	-	687,614
CONNECTICUT	454,272	454,272	207,774	328,968	137	367,904	367,943	3,905	-	622,840	-	1,455,789
DELAWARE	186,158	186,158	52,872	87,667	-	159,043	37,461	774	-	119,410	-	325,085
DELT. OF COL.	-	-	29,736	70,340	78,895	148,971	68,603	751	-	54,708	-	273,433
FLORIDA	346,026	591,581	568,042	917,269	128,173	1,248	19,410	7,251	9,596	3,657	-	2,072,304
GEORGIA	54,225	54,225	324,143	387,189	1,348	604,713	327,063	3,266	-	362,018	-	1,225,142
HAWAII	105,432	105,432	41,872	83,414	36,992	150,593	135,520	519	-	20,940	-	316,572
IDaho	24,446	24,446	102,153	164,371	151,712	164,952	125,457	8,158	4,958	-	-	393,526
ILLINOIS	690,136	690,136	1,058,455	1,543,639	87	2,697,939	269,437	3,116	10,494	20,257	-	2,734,300
INDIANA	308,023	308,023	568,262	745,611	1,682	921,487	205,207	1,821	1,435	11,936	-	1,141,907
IOWA	69,418	69,418	324,963	546,168	1,402	871,459	205,207	1,821	1,435	1,507	-	681,229
KANSAS	153,766	153,766	219,857	304,082	195,447	528,829	166,393	3,448	4,925	8,828	-	798,896
KENTUCKY	51,203	51,203	42,450	106,907	1,880	828,969	2,682	2,682	185	-	-	1,095,685
LOUISIANA	211,333	211,333	120,219	168,716	22,778	213,887	59,340	1,928	-	-	-	566,072
MAINE	667,847	667,847	120,219	168,716	1,402	213,887	59,340	1,928	-	-	-	288,955
MARYLAND	51,186	51,186	228,864	304,082	28,248	528,829	166,393	3,448	4,925	8,828	-	798,896
MASSACHUSETTS	47,335	47,335	219,857	304,082	1,880	828,969	2,682	2,682	185	-	-	1,095,685
MISSOURI	127,131	127,131	42,450	106,907	1,880	213,887	59,340	1,928	-	-	-	566,072
MINNESOTA	667,847	667,847	120,219	168,716	1,402	213,887	59,340	1,928	-	-	-	288,955
MICHIGAN	171,103	171,103	280,467	357,772	18,552	448,900	115,166	6,279	1,315	-	-	572,349
MISSISSIPPI	43,684	43,684	168,672	225,529	122,108	350,607	291,092	6,409	766	-	-	957,806
MISSOURI	127,131	127,131	42,450	106,907	1,880	213,887	59,340	1,928	-	-	-	566,072
NEBRASKA	141,873	141,873	108,492	253,240	21,490	351,516	91,899	2,281	1,827	12,870	-	468,369
NEVADA	7,365	7,365	147,644	190,661	15,771	214,207	90,740	801	2,451	-	-	308,199
NEW HAMPSHIRE	128,593	128,593	369,313	591,499	395,703	1,274,251	323,737	3,875	-	5,837	-	355,618
NEW JERSEY	2,347,470	2,347,470	154,085	293,615	-	306,775	98,295	1,967	1,694	10,000	-	1,811,863
NEW MEXICO	387,221	387,221	1,540,885	2,531,615	-	3,067,775	98,295	1,967	-	-	-	408,631
NEW YORK	109,740	109,740	518,352	897,992	55,888	1,053,980	591,204	8,572	-	-	-	2,838,323
NORTH CAROLINA	256,663	256,663	793,571	1,050,593	1,396	1,108,738	378,174	3,436	1,480	12,698	-	1,506,524
NORTH DAKOTA	31,278	31,278	65,374	101,733	245	108,478	68,321	1,295	5,354	1,205	-	182,653
OHIO	354,317	354,317	1,005,264	1,493,215	144,481	1,787,142	413,219	5,296	18,982	13,113	-	2,313,230
OKLAHOMA	486,109	486,109	316,227	414,898	53,238	554,356	155,040	2,814	6,652	-	-	718,974
OREGON	118,748	118,748	243,258	442,550	2,425	481,143	149,474	76,994	6,385	-	-	720,978
PENNSYLVANIA	1,360,851	1,360,851	1,007,491	1,548,711	286,170	1,974,755	767,047	8,091	5,004	63,289	-	2,635,080
RHODE ISLAND	16,960	16,960	38,287	57,251	-	98,183	107,099	1,088	-	39,488	-	215,983
SOUTH CAROLINA	229,093	229,093	345,688	418,501	-	428,890	189,447	5,741	-	-	-	604,283
SOUTH DAKOTA	49,198	49,198	79,206	109,590	-	139,877	92,511	1,822	-	-	-	237,510
TENNESSEE	18,397	18,397	575,047	718,310	39	803,755	276,255	1,875	6,061	-	-	1,003,149
TEXAS	122,820	122,820	1,045,551	1,752,280	40,446	1,892,973	1,109,315	10,882	15,570	27,055	-	3,161,447
UTAH	10,981	10,981	184,385	32,994	29,635	230,444	101,971	13,017	1,000	900	-	347,332
VERMONT 6/	5,600	5,600	51,718	107,268	-	113,617	46,719	782	-	2,600	-	164,375
VIRGINIA	6,234	6,234	511,872	93,387	83,073	1,424,588	319,256	2,771	34,794	-	-	1,800,887
WASHINGTON	219,927	219,927	518,759	746,923	-	843,832	404,874	21,488	-	9,816	-	1,280,042
WEST VIRGINIA	131,243	131,243	150,645	305,045	6,841	435,831	131,626	4,579	-	52	-	707,191
WISCONSIN	161,634	161,634	468,991	622,096	-	694,311	212,557	4,579	16,837	14,100	-	914,384
WYOMING	70,102	70,102	40,405	35,908	1,238	119,578	105,586	66,594	105	-	-	284,539
TOTAL 6/	13,624,013	13,624,013	16,297,773	27,957,041	1,532,957	35,845,186	13,721,348	409,401	400,652	282,571	114,000	53,895,428

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-1 AND 2 SUMMARIZE THE RECEIPTS AND DISBURSEMENTS OF (1) STATE HIGHWAY-USER REVENUE ALLOCATED FOR HIGHWAY PURPOSES (EXCLUSIVE OF COLLECTION COSTS, MASS TRANSPORTATION, AND NONHIGHWAY ALLOCATIONS WHICH ARE SHOWN IN TABLE DF, AND (2) ALL OTHER NET RECEIPTS AND DISBURSEMENTS BY THE STATE FOR HIGHWAYS.
 2/ ANY DIFFERENCES BETWEEN BEGINNING BALANCES AND PREVIOUS YEARS CLOSING BALANCES ARE THE RESULT OF ACCOUNTING ADJUSTMENTS INCLUSION OF FUNDS NOT PREVIOUSLY REPORTED, ETC.
 3/ THE ENTRIES IN THESE COLUMNS ARE IDENTICAL WITH THE COMBINED RECEIPTS ALLOCATED FOR STATE-ADMINISTERED HIGHWAYS AND FOR LOCAL ROADS AND STREETS SHOWN ON TABLES MF-3, MA-3 AND DF, RESPECTIVELY.
 4/ TOLL RECEIPTS FOR NONHIGHWAY PURPOSES HAVE BEEN OMITTED FROM TABLES SF-1 AND 2. FOR ADDITIONAL DETAIL, SEE TABLES SF-38 AND 48.
 5/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPROPRIATIONS FOR HIGHWAYS FROM STATE GENERAL FUNDS APPEAR IN TABLE DF.
 6/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

STATE RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS - 1990 (BILLIONS OF DOLLARS)



STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1990¹

IN SMALL URBAN AREAS (5,000 - 49,999 POPULATION)

CLASSIFIED BY FUNCTIONAL SYSTEMS

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-12
SHEET 2 OF 3
OCTOBER 1991

STATE	CAPITAL OUTLAY						MAINTENANCE					
	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL
ALABAMA	3,543	-	4,485	443	-	8,572	301	-	5,254	2,250	-	7,805
ALASKA	1,102	-	22,403	7,629	4,396	35,530	-	-	-	-	-	-
ARIZONA	13,250	-	4,767	2,891	508	21,436	1,242	-	270	632	174	2,318
ARKANSAS	883	5,041	11,829	4,589	382	22,725	504	2,906	6,664	2,625	19	12,718
CALIFORNIA	7,251	23,034	16,451	5,782	4,656	57,174	4,938	7,316	7,263	495	281	20,293
COLORADO	1,169	54	13,561	487	13	15,283	105	421	3,155	1,052	-	4,733
CONNECTICUT	1,081	373	1,665	-	265	3,384	44	-	643	227	1,480	2,394
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	24,412	5,289	-	29,701	-	-	4,605	2,779	-	7,385
GEORGIA	-	622	45,392	1,172	1,263	49,164	883	310	6,325	4,788	4,048	15,355
HAWAII	715	-	-	-	-	-	-	-	-	-	-	-
IDAHO	137	-	7,065	1,580	2,386	11,168	462	-	382	196	14	1,054
ILLINOIS	6,978	-	20,299	20,246	501	48,024	730	151	5,031	2,943	2,259	11,114
INDIANA	196	3,317	62,581	21,447	1,051	109,102	637	999	10,384	1,851	8	13,879
IOWA	-	-	34,172	-	-	34,172	-	-	8,894	-	-	8,894
KANSAS	638	150	16,404	4,588	3,779	25,560	1,048	595	4,283	50	-	5,977
KENTUCKY	3,917	-	15,319	10,704	5,155	35,095	990	429	3,214	3,300	498	8,430
LOUISIANA	2,232	423	11,961	810	2,436	17,862	-	2	1,188	-	-	1,190
MAINE	31	-	6,015	3,347	231	9,624	40	141	1,030	1,050	1,485	3,747
MARYLAND	37,220	33,311	5,433	4,503	3	80,459	-	-	-	-	-	-
MASSACHUSETTS	1,011	458	1,769	1,719	835	5,791	768	1,209	1,893	575	36	4,481
MICHIGAN	150,807	3,419	28,794	770	-	183,790	39,803	905	7,524	204	-	48,537
MINNESOTA	-	30	28,184	8	-	28,222	321	503	4,900	326	18	5,968
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	5,489	24,127	6,413	7,814	2,520	46,363	2,541	1,121	5,331	2,670	448	12,111
MONTANA	123	-	4,457	-	-	4,580	-	-	-	-	-	-
NEBRASKA	-	313	2,062	1,363	187	3,925	15	173	3,279	42	1	3,510
NEVADA	159	-	315	514	663	1,650	45	-	94	154	199	491
NEW HAMPSHIRE	2,410	2,648	272	76	60	5,466	448	354	1,603	2,703	2,889	7,997
NEW JERSEY	-	-	-	-	-	-	185	-	195	-	-	380
NEW MEXICO	3,039	-	9,576	738	216	13,569	836	-	2,337	932	774	4,881
NEW YORK	887	6,524	29,253	9,988	2,974	51,626	294	253	1,326	1,092	1,197	4,164
NORTH CAROLINA	13,578	3,105	39,283	32,362	2,159	90,487	468	3,362	3,826	2,478	915	11,049
NORTH DAKOTA	1,735	-	2,431	1,150	757	6,073	95	-	205	-	-	299
OHIO	9,195	50	10,702	9,595	2,129	31,671	782	167	1,167	1,130	1,650	4,898
OKLAHOMA	2,211	343	5,186	6,812	1,810	16,362	784	105	1,928	2,292	764	5,854
OREGON	12,586	114	23,951	5,433	683	43,067	5,231	46	9,723	2,206	277	17,482
PENNSYLVANIA	5,290	14,458	16,347	13,825	10,081	59,999	4,029	32,066	33,335	63,745	773	133,948
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	48,372	571	85,438	9,787	6,370	151,138	25,793	3,232	27,853	3,141	1,862	61,881
SOUTH DAKOTA	7	-	2,237	853	1,732	4,829	301	-	1,099	51	-	1,451
TENNESSEE	-	-	14,927	8,880	3,159	26,967	-	-	6,125	8,187	-	14,292
TEXAS	16,190	17,236	27,809	9,062	1,889	72,187	8,875	3,492	23,844	17,914	26,952	81,087
UTAH	5,190	360	4,420	3,360	-	13,270	2,200	400	1,100	600	200	4,500
VERMONT	2,555	1,129	267	3,532	1,561	9,035	366	141	695	741	379	2,322
VIRGINIA	250	177	28,956	15,561	2,478	47,432	2,568	272	4,634	3,688	2,644	13,607
WASHINGTON	349	583	2,751	15,009	551	19,242	1,731	687	13,719	2,851	69	19,257
WEST VIRGINIA	382	7,980	9,691	1,097	155	19,305	954	627	1,156	795	144	3,676
WISCONSIN	3,210	130	11,334	7,007	1,468	23,149	333	666	7,884	2,221	-	11,105
WYOMING	8,866	-	3,779	4,821	532	17,998	324	-	1,927	177	121	2,549
TOTAL 2/ 3/	375,184	152,581	744,828	266,643	72,004	1,611,238	111,994	63,261	237,094	145,328	52,588	610,263
PERCENT 2/	23.29	9.47	46.23	16.55	4.47	100.00	18.35	10.36	38.85	23.81	8.62	100.00

Highway Finance

STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1990¹

FOR RURAL AND URBAN COLLECTORS

CLASSIFIED BY IMPROVEMENT TYPES

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-12A
SHEET 3 OF 3
OCTOBER 1991

STATE	RURAL COLLECTORS								URBAN COLLECTORS							
	ROW AND ENGINEERING	CONSTRUCTION 2/						TOTAL	ROW AND ENGINEERING	CONSTRUCTION 2/						TOTAL
		NEW CONSTRUCTION	RECONSTRUCTION	MAJOR WIDENING	3R	BRIDGE WORK	SAFETY AND OTHER			NEW CONSTRUCTION	RECONSTRUCTION	MAJOR WIDENING	3R	BRIDGE WORK	SAFETY AND OTHER	
ALABAMA	979	34	-	904	6,465	2,263	1,897	12,542	-	-	-	-	-	-	-	-
ALASKA	5,424	10	7,998	-	8,536	5,396	727	28,092	1,801	14,313	4,378	-	190	-	306	20,989
ARIZONA	3,407	18	8,007	228	6,124	2,339	619	20,742	1,127	49	556	-	170	2,972	482	5,356
ARKANSAS	1,474	15,897	8,523	997	6,275	12,000	97	45,263	359	-	24	-	-	-	-	382
CALIFORNIA	9,012	1,412	-	-	3,761	2,195	6,955	23,337	25	-	-	-	34	16	26,974	27,048
COLORADO	7,855	-	4,834	37	9,234	8,508	465	30,934	234	219	-	-	3	1,554	-	2,012
CONNECTICUT	4,866	8	3,058	-	988	9,285	404	18,600	5,222	116	6,353	-	-	11,800	1,056	24,547
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	2,962	1,871	-	-	136	5,199	161	10,328	2,152	-	1,548	-	2,524	49	2,038	8,411
GEORGIA	17,371	25,561	2,342	1,689	11,779	13,492	4,763	76,997	1,394	-	-	-	-	23	411	6,207
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	2,910	23	4,741	2	5,132	3,551	1,022	17,381	1,623	1,446	954	-	5	119	1,319	5,487
ILLINOIS	6,168	255	148	943	12,984	32,893	323	53,514	6,477	-	-	-	2,682	3,737	643	13,539
INDIANA	4,002	-	-	-	19,831	16,978	15,152	55,963	47	-	2,282	-	-	-	975	3,304
IOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	3,281	751	6,440	-	11,417	7,418	2,404	31,711	1,062	-	3,345	-	-	362	2,646	12,872
KENTUCKY	19,118	21,010	5,644	3,929	40,194	4,915	501	94,411	9,768	2,030	1,914	62	1,078	921	125	15,918
LOUISIANA	-	8,793	28,768	-	43,475	30,525	347	111,508	-	2,177	1,866	-	1,366	-	1,804	7,013
MAINE	5,417	10	7,784	-	4,688	8,017	906	26,822	368	893	610	-	37	128	353	2,389
MARYLAND	10,831	10,629	179	-	13	8,574	286	30,512	93	4,387	-	-	1	-	2	4,483
MASSACHUSETTS	2,376	-	5,876	-	1,447	3,245	1,283	14,227	1,428	-	625	-	75	2,210	134	4,472
MICHIGAN	17	1,094	1	-	583	400	24	2,119	-	-	-	-	-	-	-	-
MINNESOTA	1,149	-	-	-	7,165	761	-	9,074	-	-	-	-	-	-	-	-
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	7,195	-	6,176	2,027	25,897	9,344	1,905	52,544	839	202	1,174	351	1,883	40	475	4,964
MONTANA	4,118	27	8,821	-	2,941	500	457	16,864	187	-	-	-	-	-	-	187
NEBRASKA	2,957	763	6,920	-	22,386	1,336	212	33,574	-	-	-	-	-	-	-	-
NEVADA	22,158	38,153	-	-	8,735	6,749	1,432	77,227	217	379	-	-	86	66	14	762
NEW HAMPSHIRE	1,483	-	1,970	-	450	1,450	59	5,412	32	-	-	-	2	48	82	-
NEW JERSEY	3,547	-	-	-	-	-	125	3,672	-	-	-	-	-	-	-	-
NEW MEXICO	11,726	8,388	3,662	-	19,876	5,048	2,231	50,930	161	-	-	-	98	128	88	475
NEW YORK	9,127	-	6,702	-	30,392	3,496	3,496	85,925	2,944	-	6,184	422	3,573	3,148	1,530	17,800
NORTH CAROLINA	46,780	47,702	3,684	6,121	27,033	5,377	2,407	139,104	2,004	972	194	2,092	1,437	87	156	6,941
NORTH DAKOTA	2,474	214	7,099	-	10,952	3,899	459	25,098	153	-	294	-	201	322	280	1,250
OHIO	15,241	4,266	2,857	-	51,055	31,907	3,775	109,103	2,378	-	1,009	653	13,108	6,983	3,554	27,685
OKLAHOMA	9,558	2,154	9,320	4,281	14,002	11,451	2,538	53,304	884	-	445	442	222	513	39	2,544
OREGON	5,477	235	652	170	4,051	22,899	500	33,993	2,737	428	847	184	54	79	79	4,324
PENNSYLVANIA	14,650	6,336	5,002	1,957	2,481	6,211	570	37,206	10,659	8,790	6,940	2,715	3,442	8,617	791	41,954
RHODE ISLAND	-	66	-	-	-	-	51	119	-	-	172	-	-	-	1,635	1,807
SOUTH CAROLINA	6,993	340	6,656	273	8,431	2,703	543	25,939	1,333	54	1,473	162	938	3,621	195	7,770
SOUTH DAKOTA	4,418	12,321	967	-	12,557	4,525	1,883	36,671	279	3,361	-	-	10	4	4	3,654
TENNESSEE	19,501	3,971	5,477	1,962	18,883	5,063	1,044	55,981	4,599	684	2,721	3,947	3,512	890	1,316	17,659
TEXAS	108,144	68,937	-	-	36,241	5,336	8,648	227,303	2,770	581	-	-	714	-	516	4,581
UTAH	3,720	9,200	-	-	5,800	3,000	1,600	23,120	1,010	-	-	-	3,600	1,000	1,788	7,398
VERMONT	1,742	-	3,286	-	1,589	2,142	272	9,031	393	-	605	-	863	95	241	2,197
VIRGINIA	29,116	7,168	17,652	12,935	3,523	9,002	2,703	82,189	4,565	1,126	1,714	1,539	3,334	1,286	307	13,870
WASHINGTON	4,480	4	1,534	-	4,922	921	503	12,364	347	-	-	30	1,103	42	60	1,581
WEST VIRGINIA	3,736	10,253	-	520	22,151	20,991	5,275	62,926	5	-	-	-	519	-	77	601
WISCONSIN	5,076	-	5,971	-	9,176	6,229	1,075	27,527	396	-	3,473	-	269	587	112	4,818
WYOMING	7,763	2,846	13,924	-	11,133	7,914	846	44,426	982	3	25	-	-	301	270	1,581
TOTAL 3/ 4/	459,889	310,656	211,753	38,975	554,674	397,060	82,943	2,045,949	73,074	42,210	50,776	17,642	47,618	56,747	52,837	340,904
PERCENT/SYSTEM 3/	22.5	15.2	10.3	1.9	27.1	18.9	4.1	100.0	21.4	12.4	14.9	5.2	14.0	16.6	15.5	100.0
PERCENT FEDERAL-AID PLUS STATE MATCHING FUNDS 3/	42.0	40.4	59.7	37.8	29.8	57.7	51.6	43.6	61.1	80.0	79.6	53.3	86.8	50.2	35.3	60.8

1/ TABLE SF-12A SHOWS CAPITAL OUTLAY FOR THE INTERSTATE SYSTEM, OTHER ARTERIALS AND COLLECTORS BY AREA AND IMPROVEMENT TYPE. THE DATA ARE NOT COMPLETE FOR ALL STATES, AND ENTRIES FOR SOME STATES MAY INCLUDE ESTIMATES. FOR THESE REASONS, THE TOTALS SHOWN ABOVE MAY NOT BE CONSISTENT WITH THOSE IN OTHER TABLES IN THE SF SERIES. THE STATES NOT SHOWN WERE UNABLE TO SEPARATE THE 1990 DATA BY FUNCTIONAL SYSTEM. DATA REPORTED FOR URBAN AREAS INCLUDE SMALL URBAN AND URBANIZED AREAS.
2/ THE SUBCATEGORIES, IN SOME INSTANCES, GROUP A NUMBER OF IMPROVEMENT TYPES. NEW

CONSTRUCTION INCLUDES NEW ROUTE AND RELOCATION. 3R INCLUDES MINOR WIDENING, RESTORATION, REHABILITATION, AND RESURFACING. BRIDGE WORK INCLUDES NEW BRIDGE, BRIDGE REPLACEMENT, MAJOR BRIDGE REHABILITATION, AND MINOR BRIDGE REHABILITATION. SAFETY AND OTHER INCLUDES SAFETY, TRAFFIC OPERATIONS, TSM AND ENVIRONMENTALLY RELATED IMPROVEMENT TYPES.
3/ THE TOTALS AND PERCENTAGES INCLUDE ONLY THE 48 STATES SHOWN.
4/ TOTALS MAY NOT ADD DUE TO ROUNDING. DIFFERENCES IN NATIONAL TOTALS BETWEEN TABLE SF-12 AND SF-12A ARE DUE TO ROUNDING.

STATE OBLIGATIONS FOR HIGHWAYS - 1990
OBLIGATIONS ISSUED OR ASSUMED DURING YEAR¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

TABLE SB-1
OCTOBER 1991

STATE	OBLIGATION ^{2/}	DATED ^{3/}	GROSS PROCEEDS OF SALES				POSTED INTEREST RATE ^{5/}	SOURCE OF FUNDS FOR DEBT SERVICE
			PAR VALUE	PREMIUM OR DISCOUNT	ACCRUED INTEREST	GROSS PROCEEDS		
ALABAMA	ALABAMA HIGHWAY AUTHORITY BONDS SERIES 1990	9-25-90	7,000	-	29	7,029	6.1-6.35	STATE HIGHWAY FUNDS
	ALABAMA CAPITAL IMPROVEMENT BONDS - 1990	12-01-90	5,285	-	24	5,289	6.25	STATE HIGHWAY FUNDS
	TOTAL		12,285	-	53	12,318		
ARIZONA	TRANSPORTATION EXCISE TAX REVENUE BONDS - 1989 SERIES	8-01-89	360,000	(2,658)	2,912	360,254	6.707	SALES TAX
CONNECTICUT	TRANSPORTATION IMPROVEMENTS - SERIES A	8-01-89	1,000	-	4	1,004	6.4	HIGHWAY - USER REVENUE*
	TRANSPORTATION IMPROVEMENTS - SERIES B	3-15-90	2,530	-	7	2,537	7.75	HIGHWAY - USER REVENUE*
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1989B	7-01-89	178,853	(5,094)	342	173,901	6.2-7.5	HIGHWAY - USER REVENUE
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1989C	12-15-89	200,000	(2,906)	480	197,572	5.95-6.85	HIGHWAY - USER REVENUE
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1990A	6-01-90	250,000	(1,349)	1,022	249,662	6.1-6	HIGHWAY - USER REVENUE
	TOTAL		632,183	(9,342)	1,855	624,595		
DELAWARE	SENIOR REVENUE BONDS - 1990 SERIES	8-01-90	130,000	(2,910)	717	127,807	5.9-7.3	REGISTRATION, LICENSE, AND TITLE FEES
DIST. OF COL.	GENERAL REVENUE BONDS - SERIES 1990A	5-01-90	24,280	-	-	24,280	6.3-7.25	GENERAL REVENUE*
	GENERAL REVENUE BONDS - SERIES 1990B	8-01-90	30,448	-	-	30,448	6.2-7.2	GENERAL REVENUE*
	TOTAL		54,728	-	-	54,728		
FLORIDA	ORLANDO-ORANGE COUNTY EXPRESSWAY JUNIOR REVENUE SERIES 1990	12-01-90	385,000	(12,159)	1,865	374,706	6.2-8.25	TOLLS, MOTOR FUEL TAX
HAWAII	GENERAL OBLIGATION BONDS - SERIES BR	6-01-90	29,940	-	-	29,940	6.25-8	GENERAL REVENUE*
ILLINOIS	TRANSPORTATION BOND SERIES A - 1990	6-01-90	60,000	(536)	-	59,462	6-6.75	HIGHWAY - USER REVENUE
	TRANSPORTATION BOND SERIES A - 1990	11-01-90	65,000	(1,212)	-	63,788	5.9-7.2	HIGHWAY - USER REVENUE
	TOTAL		125,000	(1,750)	-	123,250		
INDIANA	HIGHWAY REVENUE SERIES 1990A	6-01-90	72,498	(464)	-	72,034	6.2-7.25	HIGHWAY - USER REVENUE
KANSAS	KANSAS TURNPIKE REVENUE BONDS - SERIES 1990	11-01-90	28,425	-	-	28,425	6.25-8.0	TOLLS
MARYLAND	COUNTY TRANSPORTATION BONDS, THIRTEENTH SERIES - 1990	12-01-90	16,550	(166)	35	16,419	5.55-6.625	HIGHWAY - USER REVENUE
	TRANSPORTATION FACILITIES PROJECT REVENUE - SERIES 1989	7-15-89	55,000	(14)	-	54,986	6.1-6.3	TOLLS
	TOTAL		71,550	(180)	35	71,405		
MASSACHUSETTS	HIGHWAY IMPROVEMENT LOAN ACT OF 1972	6-01-90	1,136	-	-	1,136	6.3-6.5	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1977	3-90 TO 6-90	930	-	-	930	6.3-6.7	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1979	3-90 TO 6-90	1,809	-	-	1,809	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1981	3-90 TO 6-90	3,030	-	-	3,030	6.3-6.7	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1982	3-90 TO 6-90	199	-	-	199	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1983	3-90 TO 6-90	8,714	-	-	8,714	6.3-6.9	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1983	6-01-90	125	-	-	125	6.3-6.5	HIGHWAY - USER REVENUE*
	PUBLIC WORKS GARAGE LOAN ACT OF 1983	3-01-90	5	-	-	5	6.4-6.75	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1985	3-90 TO 6-90	15,289	-	-	15,289	6.3-6.9	HIGHWAY - USER REVENUE*
	HEAVY MAINTENANCE FLEET EQUIPMENT LOAN ACT OF 1985	6-01-90	1,494	-	-	1,494	6.3	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1987	6-01-90	58	-	-	58	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1987	3-90 TO 6-90	1,239	-	-	1,239	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1988	3-90 TO 6-90	74,600	-	-	74,600	6.3-9.25	HIGHWAY - USER REVENUE*
	HIGHWAY MAINTENANCE AND BRIDGE PAINTING LOAN ACT OF 1988	6-01-90	617	-	-	617	6.3-6.5	HIGHWAY - USER REVENUE*
	TOWN AND COUNTY WAYS IMPROVEMENT ACT OF 1988	3-90 TO 6-90	13,952	-	-	13,952	6.3-7.25	HIGHWAY - USER REVENUE*
TUNNEL REVENUE BONDS - SERIES 1990	10-01-9-0	47,000	(3,267)	-	43,733	9.0	TOLLS	
	TOTAL		170,177	(3,267)	-	166,910		
MINNESOTA	STATE TRANSPORTATION BONDS, LAWS OF 1987	7-01-90	300	-	1	301	6.6-7.0	GENERAL REVENUE*
	STATE TRANSPORTATION BONDS, LAWS OF 1989	7-01-90	4,000	1	12	4,013	6.6-7.0	GENERAL REVENUE*
	STATE TRANSPORTATION BONDS, LAWS OF 1990	7-01-90	800	-	2	802	6.6-7.0	GENERAL REVENUE*
	TOTAL		5,100	1	15	5,116		
NEW HAMPSHIRE	TURNPIKE REVENUE BONDS - SERIES 1990	4-01-90	100,000	(2,158)	-	97,842	6.0-7.3	TOLLS
NEW JERSEY	BRIDGE REHABILITATION AND RAIL ROAD RIGHT OF WAY BONDS - SERIES A	4-01-90	10,000	-	-	10,000	7.0-7.1	GENERAL REVENUE*
NEW YORK	TRANSPORTATION INFRASTRUCTURE RENEWAL BONDS - 1990	3-90 TO 11-90	252,000	-	-	252,000	6.2-9.5	GENERAL REVENUE*
	TRANSPORTATION IMPROVEMENT BONDS - 1990	3-90 TO 11-90	298,300	-	-	298,300	6.2-9.5	GENERAL REVENUE*
	EMERGENCY HIGHWAY CONSTRUCTION - SERIES 1990A	12-01-90	29,285	(490)	-	29,345	6.2-6.6	MOTOR - FUEL TAX*
	EMERGENCY HIGHWAY PRESERVATION - SERIES 1990A	12-01-90	43,020	(685)	-	42,336	6.2-6.6	MOTOR - FUEL TAX*
	TOTAL		623,145	(1,165)	-	621,980		
OHIO	HIGHWAY OBLIGATION CONSTRUCTION BONDS - SERIES P	6-15-90	75,000	-	468	75,468	6.1-8.0	HIGHWAY - USER REVENUE*
PENNSYLVANIA	GENERAL OBLIGATION BONDS (BRIDGES), 1ST SERIES A - 1990	5-01-90	22,000	(251)	87	21,836	6.5	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS (HIGHWAY), 1ST SERIES A - 1990	5-01-90	8,000	(91)	32	7,941	6.5	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS (AC), 1ST SERIES B - 1990	5-01-90	34,000	(389)	129	33,740	6.4	GENERAL REVENUE*
	TOTAL		64,000	(731)	248	63,517		
RHODE ISLAND	GENERAL OBLIGATION BONDS - SERIES 1983 E	8-01-90	3,007	-	-	3,007	6.7-7.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1986 D	8-01-90	15,506	-	-	15,506	6.7-7.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1988 A	8-01-90	20,730	-	-	20,730	6.7-7.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1989 A	8-01-90	250	-	-	250	6.7-7.6	GENERAL REVENUE*
	TOTAL		39,493	-	-	39,493		
TEXAS	DALLAS NORTH TOLLWAY REVENUE BONDS - SERIES 1990	5-15-90	133,070	(7,218)	-	125,852	6.0-7.25	TOLLS
VERMONT	HIGHWAY CONSTRUCTION BONDS	12-1-90	2,600	-	-	2,600	6.473	HIGHWAY - USER REVENUE
WASHINGTON	HIGHWAY CONSTRUCTION BONDS SERIES III-F	8-01-90	10,000	(195)	11	9,816	6.0-6.75	MOTOR - FUEL TAX*
WEST VIRGINIA	TURNPIKE REVENUE BONDS - SERIES 1989	10-15-88	98,457	(4,850)	-	93,607	6.0-7.2	TOLLS*
	TURNPIKE REVENUE (REFUNDING) BONDS - SERIES 1989	10-15-88	44,543	-	-	44,543	6.0-7.2	TOLLS*
	TOTAL		143,000	(4,850)	-	138,150		
TOTAL			3,277,154	(49,045)	8,179	3,236,287		

1/ THIS TABLE IS ONE OF A SERIES GIVING AVAILABLE INFORMATION CONCERNING STATE AND QUASI-STATE OBLIGATIONS INCURRED FOR HIGHWAY PURPOSES. THE OTHER TABLES ARE TABLE SB-2, CHANGE IN INDEBTEDNESS DURING YEAR, AND SB-3, RECEIPTS AND DISBURSEMENTS FOR DEBT. WHEN BONDS WERE ISSUED PARTLY FOR HIGHWAY AND PARTLY FOR OTHER PURPOSES, SUCH ISSUES HAVE BEEN CHARGED TO STATE HIGHWAYS, TO COUNTY OR OTHER LOCAL ROADS AND STREETS AND TO NONHIGHWAY PURPOSES, RESPECTIVELY, IN PROPORTION TO THE AMOUNTS OF THE ORIGINAL ISSUES FOR THESE PURPOSES, WITH THE NONHIGHWAY PORTION BEING OMITTED FROM THESE TABLES. ALSO OMITTED ARE OBLIGATIONS WITH TERMS OF LESS THAN 2 YEARS; HOWEVER, INTEREST PAYMENTS ARE INCLUDED IN TABLE SB-3.

2/ ALL BONDS ARE CONSIDERED TO BE FOR CONSTRUCTION OF HIGHWAYS UNLESS IDENTIFIED AS REFUNDING.
3/ COINCIDES WITH DATE BONDS BEGAN TO BEAR INTEREST, UNLESS NOTED OTHERWISE.
4/ PAYMENT BY BOND PURCHASER FOR INTEREST ACCRUED FROM DATE OF ISSUE TO DATE OF SALE.
5/ 'POSTED RATE' IS DECLARED RATE PRINTED ON BONDS.
6/ WHEN AN ASTERISK APPEARS IN THIS COLUMN, THE BONDS ARE UNDERSTOOD TO BE SECURED BY THE FULL FAITH AND CREDIT OF THE STATE, IN ADDITION TO THE SPECIFIC REVENUES DEDICATED BY LAW TO DEBT SERVICE.

STATE OBLIGATIONS FOR HIGHWAYS – 1990
CHANGE IN INDEBTEDNESS DURING YEAR¹

TABLE SB-2
SHEET 1 OF 2
OCTOBER 1991

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS 2/	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED 3/			OBLIGATIONS REDEEMED			OBLIGATIONS OUTSTANDING END OF YEAR	SINKING FUND AND OTHER REDEMPTION RESERVES 4/	NET INDEBTEDNESS
			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	WITH CURRENT REVENUE AND DEBT RESERVES	BY REFUNDING	TOTAL			
ALABAMA	STATE HIGHWAY BONDS	98,522	12,265	—	12,265	21,415	—	21,415	89,372	—	89,372
ALASKA	STATE HIGHWAY BONDS	60,904	—	—	—	16,648	—	16,648	44,256	—	44,256
	TOLL FACILITY BONDS	16,838	—	—	—	4,068	—	4,068	12,770	—	12,770
	STATE ISSUES FOR LOCAL ROADS	8,167	—	—	—	2,948	—	2,948	5,219	—	5,219
	TOTAL	85,909	—	—	—	23,664	—	23,664	62,245	—	62,245
ARIZONA	STATE HIGHWAY BONDS	829,123	360,000	—	360,000	57,825	—	57,825	1,131,298	—	1,131,298
CALIFORNIA	TOLL FACILITY BONDS	88,800	—	—	—	3,660	—	3,660	85,140	—	85,140
CONNECTICUT	STATE HIGHWAY BONDS	1,271,847	632,183	—	632,183	67,280	—	67,280	1,836,750	—	1,836,750
DELAWARE	STATE HIGHWAY BONDS	360,275	130,000	—	130,000	26,070	—	26,070	464,205	—	464,205
	TOLL FACILITY BONDS	54,855	—	—	—	4,515	—	4,515	50,340	—	50,340
	TOTAL	415,130	130,000	—	130,000	30,585	—	30,585	514,545	—	514,545
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	1,204,989	54,708	—	54,708	40,185	—	40,185	1,219,512	—	1,219,512
FLORIDA	STATE HIGHWAY BONDS	127,834	—	—	—	9,269	—	9,269	118,565	—	118,565
	TOLL FACILITY BONDS	1,388,047	385,000	—	385,000	18,483	—	18,483	1,754,564	—	1,754,564
	TOTAL	1,515,881	385,000	—	385,000	27,752	—	27,752	1,873,129	—	1,873,129
GEORGIA	STATE HIGHWAY BONDS	557,662	—	—	—	79,073	—	79,073	478,589	—	478,589
HAWAII	STATE HIGHWAY BONDS	157,515	29,940	—	29,940	12,915	—	12,915	174,540	—	174,540
ILLINOIS	STATE HIGHWAY BONDS	1,178,230	125,000	—	125,000	77,986	—	77,986	1,225,244	48,809	1,176,435
	TOLL FACILITY BONDS	578,405	—	—	—	4,285	—	4,285	574,120	—	574,120
	TOTAL	1,756,635	125,000	—	125,000	82,271	—	82,271	1,799,364	48,809	1,750,555
INDIANA	STATE HIGHWAY BONDS	127,230	72,498	—	72,498	25	—	25	199,703	—	199,703
	TOLL FACILITY BONDS	295,895	—	—	—	1,835	—	1,835	294,060	—	294,060
	TOTAL	423,125	72,498	—	72,498	1,860	—	1,860	493,763	—	493,763
KANSAS	STATE HIGHWAY BONDS	128,645	—	—	—	11,210	—	11,210	117,435	10,856	106,579
	TOLL FACILITY BONDS	109,165	28,425	—	28,425	1,570	—	1,570	136,020	—	136,020
	TOTAL	237,810	28,425	—	28,425	12,780	—	12,780	253,455	10,856	242,599
KENTUCKY	STATE HIGHWAY BONDS	987,701	—	—	—	39,840	—	39,840	947,861	116	947,745
	TOLL FACILITY BONDS	304,035	—	—	—	16,645	—	16,645	287,390	—	287,390
	TOTAL	1,291,736	—	—	—	56,485	—	56,485	1,235,251	116	1,235,135
LOUISIANA	STATE HIGHWAY BONDS	1,007,285	—	—	—	44,892	—	44,892	962,393	—	962,393
	TOLL FACILITY BONDS	26,223	—	—	—	4,429	—	4,429	21,794	—	21,794
	STATE ISSUES FOR LOCAL ROADS	9,350	—	—	—	635	—	635	8,715	—	8,715
	TOTAL	1,042,858	—	—	—	49,956	—	49,956	992,902	—	992,902
MAINE	STATE HIGHWAY BONDS	91,380	—	—	—	11,240	—	11,240	80,140	—	80,140
MARYLAND	TOLL FACILITY BONDS	198,215	55,000	—	55,000	4,165	—	4,165	249,050	—	249,050
	STATE ISSUES FOR LOCAL ROADS	157,705	16,550	—	16,550	12,875	—	12,875	161,380	—	161,380
	TOTAL	355,920	71,550	—	71,550	17,040	—	17,040	410,430	—	410,430
MASSACHUSETTS	STATE HIGHWAY BONDS	1,305,926	109,224	—	109,224	114,483	—	114,483	1,300,667	—	1,300,667
	TOLL FACILITY BONDS	180,517	47,000	—	47,000	28,323	—	28,323	199,194	—	199,194
	STATE ISSUES FOR LOCAL ROADS	15,630	13,953	—	13,953	—	—	—	29,583	—	29,583
	TOTAL	1,502,073	170,177	—	170,177	142,806	—	142,806	1,529,444	—	1,529,444
MICHIGAN	STATE HIGHWAY BONDS	202,986	—	—	—	4,581	—	4,581	198,405	—	198,405
	TOLL FACILITY BONDS	7,850	—	—	—	—	—	—	7,850	—	7,850
	STATE ISSUES FOR LOCAL ROADS	95,130	—	—	—	6,485	—	6,485	88,645	—	88,645
	TOTAL	305,966	—	—	—	11,066	—	11,066	294,900	—	294,900
MINNESOTA	STATE HIGHWAY BONDS	140,718	5,100	—	5,100	13,637	—	13,637	132,181	19,588	112,593
MISSISSIPPI	STATE HIGHWAY BONDS	205,375	—	—	—	14,200	—	14,200	191,175	—	191,175
	STATE ISSUES FOR LOCAL ROADS	31,143	—	—	—	3,598	—	3,598	27,545	—	27,545
	TOTAL	236,518	—	—	—	17,798	—	17,798	218,720	—	218,720
MONTANA	STATE HIGHWAY BONDS	150,000	—	—	—	—	—	—	150,000	—	150,000
NEVADA	STATE HIGHWAY BONDS	43,780	—	—	—	15,760	—	15,760	28,020	—	28,020

STATE OBLIGATIONS FOR HIGHWAYS – 1990
CHANGE IN INDEBTEDNESS DURING YEAR¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

TABLE SB-2
SHEET 2 OF 2
OCTOBER 1991

STATE	OBLIGATIONS ^{2/}	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	(THOUSANDS OF DOLLARS)			OBLIGATIONS REDEEMED			OBLIGATIONS OUTSTANDING END OF YEAR	SINKING FUND AND OTHER REDEMPTION RESERVES ^{4/}	NET INDEBTEDNESS
			OBLIGATIONS ISSUED ^{3/}			WITH CURRENT REVENUE AND DEBT RESERVES	BY REFUNDING	TOTAL			
			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL						
NEW HAMPSHIRE	STATE HIGHWAY BONDS	40,545	–	–	–	7,004	–	7,004	33,541	–	33,541
	TOLL FACILITY BONDS	170,115	100,000	–	100,000	4,675	–	4,675	265,440	–	265,440
	TOTAL	210,660	100,000	–	100,000	11,679	–	11,679	298,981	–	298,981
NEW JERSEY	STATE HIGHWAY BONDS	872,745	10,000	–	10,000	71,356	–	71,356	811,389	–	811,389
	TOLL FACILITY BONDS	3,242,609	–	–	–	15,460	–	15,460	3,227,149	–	3,227,149
	STATE ISSUES FOR LOCAL ROADS	68,275	–	–	–	5,108	–	5,108	63,167	–	63,167
	TOTAL	4,183,629	10,000	–	10,000	91,924	–	91,924	4,101,705	–	4,101,705
NEW MEXICO	STATE HIGHWAY BONDS	8,860	–	–	–	4,305	–	4,305	4,555	–	4,555
NEW YORK	STATE HIGHWAY BONDS	984,990	623,145	–	623,145	146,957	–	146,957	1,461,178	28,213	1,432,965
	TOLL FACILITY BONDS	314,325	–	–	–	37,198	–	37,198	277,127	–	277,127
	STATE ISSUES FOR LOCAL ROADS	32,006	–	–	–	10,000	–	10,000	22,006	–	22,006
	TOTAL	1,331,321	623,145	–	623,145	194,155	–	194,155	1,760,311	28,213	1,732,098
NORTH CAROLINA	STATE HIGHWAY BONDS	175,965	–	–	–	27,330	–	27,330	148,635	–	148,635
OHIO	STATE HIGHWAY BONDS	364,625	75,000	–	75,000	74,900	–	74,900	364,725	97,597	267,128
	TOLL FACILITY BONDS	4,810	–	–	–	–	–	–	4,810	–	4,810
	TOTAL	369,435	75,000	–	75,000	74,900	–	74,900	369,535	97,597	271,938
OKLAHOMA	TOLL FACILITY BONDS	558,400	–	–	–	–	–	–	558,400	–	558,400
OREGON	STATE HIGHWAY BONDS	91,270	–	–	–	8,820	–	8,820	82,450	8,855	73,595
	TOLL FACILITY BONDS	4,400	–	–	–	800	–	800	3,600	–	3,600
	TOTAL	95,670	–	–	–	9,620	–	9,620	86,050	8,855	77,195
PENNSYLVANIA	STATE HIGHWAY BONDS	1,639,275	64,000	–	64,000	196,395	–	196,395	1,506,880	–	1,506,880
	TOLL FACILITY BONDS	1,251,004	–	–	–	6,980	–	6,980	1,244,024	–	1,244,024
	TOTAL	2,890,279	64,000	–	64,000	203,375	–	203,375	2,750,904	–	2,750,904
RHODE ISLAND	STATE HIGHWAY BONDS	136,963	39,493	–	39,493	13,773	–	13,773	162,683	–	162,683
	TOLL FACILITY BONDS	47,185	–	–	–	1,145	–	1,145	46,040	–	46,040
	TOTAL	184,148	39,493	–	39,493	14,918	–	14,918	208,723	–	208,723
TENNESSEE	STATE HIGHWAY BONDS	39,250	–	–	–	8,820	–	8,820	30,430	–	30,430
TEXAS	TOLL FACILITY BONDS	436,915	133,070	–	133,070	2,760	–	2,760	567,225	–	567,225
VERMONT	STATE HIGHWAY BONDS	26,490	2,600	–	2,600	4,715	–	4,715	24,375	–	24,375
VIRGINIA	STATE HIGHWAY BONDS	338,483	–	–	–	3,480	–	3,480	335,003	12,094	322,909
	TOLL FACILITY BONDS	304,560	–	–	–	17,533	–	17,533	287,027	4,754	282,273
	TOTAL	643,043	–	–	–	21,013	–	21,013	622,030	16,848	605,182
WASHINGTON	STATE HIGHWAY BONDS	548,120	–	–	–	25,350	–	25,350	522,770	–	522,770
	TOLL FACILITY BONDS	125,971	–	–	–	8,208	–	8,208	117,763	–	117,763
	STATE ISSUES FOR LOCAL ROADS	219,406	10,000	–	10,000	14,308	–	14,308	215,098	–	215,098
	TOTAL	893,497	10,000	–	10,000	47,866	–	47,866	855,631	–	855,631
WEST VIRGINIA	STATE HIGHWAY BONDS	497,165	–	–	–	62,285	–	62,285	434,880	–	434,880
	TOLL FACILITY BONDS	44,543	98,457	44,543	143,000	–	44,543	44,543	143,000	–	143,000
	TOTAL	541,708	98,457	44,543	143,000	62,285	44,543	106,828	577,880	–	577,880
WISCONSIN	STATE HIGHWAY BONDS	304,941	–	–	–	25,308	–	25,308	279,633	31,514	248,119
SUMMARY	STATE HIGHWAY BONDS	15,102,625	2,290,448	–	2,290,448	1,319,147	–	1,319,147	16,073,926	257,642	15,816,284
	TOLL FACILITY BONDS	9,753,682	846,952	44,543	891,495	186,737	44,543	231,280	10,413,897	4,754	10,409,143
	STATE ISSUES FOR LOCAL ROADS	1,841,801	95,211	–	95,211	96,142	–	96,142	1,840,870	–	1,840,870
	GRAND TOTAL	26,698,108	3,232,611	44,543	3,277,154	1,602,026	44,543	1,646,569	28,328,693	262,396	28,066,297

1/ SEE TABLE SB-1 FOR GENERAL NOTE ON SB SERIES. THE FOLLOWING STATES REPORTED NO INDEBTEDNESS DURING 1990: ARKANSAS, COLORADO, IDAHO, IOWA, MISSOURI, NEBRASKA, NORTH DAKOTA, SOUTH CAROLINA, SOUTH DAKOTA, UTAH AND WYOMING.

2/ FOR PURPOSES OF THIS ANALYSIS, BOND ISSUES HAVE BEEN CLASSIFIED IN ACCORDANCE WITH TYPES OF

ISSUES SUMMARIZED ON SHEET 2.

3/ SEE TABLE SB-1 FOR ADDITIONAL INFORMATION.

4/ BALANCES IN THIS COLUMN INCLUDE AMOUNTS KNOWN TO BE RESERVED SOLELY FOR BOND REDEMPTION.

STATE OBLIGATIONS FOR HIGHWAYS – 1990
RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE¹

TABLE SB-3
 SHEET 1 OF 2
 OCTOBER 1991

COMPILED FROM REPORTS
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS 2/	BALANCE IN SINKING FUND OR DEBT RESERVE BEGINNING OF YEAR	RECEIPTS APPLICABLE TO DEBT SERVICE					DISBURSEMENTS					BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR			
			HIGHWAY-USER REVENUES	TOLLS	PROCEEDS OF SALE OF BONDS	NET EARNINGS FROM INVESTMENTS	MISCELLANEOUS INCOME	TOTAL RECEIPTS	INTEREST	ADMINISTRATION, PAYING AGENT FEES ETC.	TOTAL INTEREST AND ADMINISTRATION	REDEMPTIONS			TOTAL DISBURSEMENTS	
										PAR VALUE	PREMIUM OR DISCOUNT	TOTAL				
ALABAMA	STATE HIGHWAY BONDS	-	27,348	-	-	-	-	27,348	5,630	303	5,933	21,415	-	21,415	27,348	-
ALASKA	STATE HIGHWAY BONDS	-	-	-	-	-	-	20,500	3,852	-	3,852	16,648	-	16,648	20,500	-
	TOLL FACILITY BONDS	-	-	-	-	-	-	4,940	872	-	872	4,068	-	4,068	4,940	-
	STATE ISSUES FOR LOCAL ROADS	-	-	-	-	-	-	3,511	563	-	563	2,948	-	2,948	3,511	-
	TOTAL	-	-	-	-	-	-	28,951	5,287	-	5,287	23,664	-	23,664	28,951	-
ARIZONA	STATE HIGHWAY BONDS	14,943	150,237	-	9,293	-	-	159,530	79,744	9,328	89,072	57,825	1	57,826	148,898	27,575
CALIFORNIA	TOLL FACILITY BONDS	4,385	-	9,982	-	188	-	10,168	6,080	27	6,107	3,880	(1)	3,659	9,766	4,787
CONNECTICUT	STATE HIGHWAY BONDS	-	201,408	-	1,856	-	-	203,264	124,495	401	124,896	67,280	11,088	78,368	203,264	-
DELAWARE	STATE HIGHWAY BONDS	-	49,517	-	8,397	-	-	57,914	30,395	9	30,374	28,070	1,470	27,540	57,914	-
	TOLL FACILITY BONDS	7,361	-	3,805	-	579	-	4,384	1,998	-	1,998	4,515	(472)	4,043	6,041	5,704
	TOTAL	7,361	49,517	3,805	8,397	579	-	62,298	32,393	9	32,372	30,585	998	31,583	63,955	5,704
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	-	38,583	-	-	-	-	38,583	75,867	1,527	77,394	40,185	(1)	40,184	117,578	-
FLORIDA	STATE HIGHWAY BONDS	-	17,415	-	-	-	-	17,415	8,146	-	8,146	9,269	-	9,269	17,415	-
	TOLL FACILITY BONDS	235,555	9,048	55,950	11,788	42,809	-	119,595	87,397	11,864	99,261	18,483	(2)	18,481	117,742	237,408
	TOTAL	235,555	26,463	55,950	11,788	42,809	-	137,010	95,543	11,864	107,407	27,752	(2)	27,750	135,157	237,408
GEORGIA	STATE HIGHWAY BONDS	-	-	-	-	-	3/	120,041	40,968	-	40,968	79,073	-	79,073	120,041	-
HAWAII	STATE HIGHWAY BONDS	-	-	-	-	-	3/	23,680	10,765	-	10,765	12,915	-	12,915	23,680	-
ILLINOIS	STATE HIGHWAY BONDS	-	150,053	-	-	-	-	150,053	71,445	-	71,445	77,888	622	78,008	150,053	-
	TOLL FACILITY BONDS	79,319	-	2,932	-	-	-	2,932	42,100	-	42,100	4,285	-	4,285	46,385	35,866
	TOTAL	79,319	150,053	2,932	-	-	-	152,985	113,545	-	113,545	82,271	622	82,893	196,438	35,866
INDIANA	STATE HIGHWAY BONDS	25,104	-	-	-	8,798	1,375	10,171	11,808	329	12,137	25	-	25	12,162	23,113
	TOLL FACILITY BONDS	26,344	-	20,019	-	2,977	-	22,996	21,298	-	21,298	1,835	-	1,835	23,133	28,207
	TOTAL	51,448	-	20,019	-	11,773	1,375	33,167	33,106	329	33,435	1,860	-	1,860	35,295	49,320
KANSAS	STATE HIGHWAY BONDS	51,318	13,925	-	-	4,444	-	18,369	9,843	23	9,868	11,210	1	11,211	21,077	48,610
	TOLL FACILITY BONDS	13,800	-	4,104	-	-	-	4,104	8,000	-	8,000	1,570	(1)	1,569	9,569	8,335
	TOTAL	65,118	13,925	4,104	-	4,444	-	22,473	17,843	23	17,868	12,780	-	12,780	30,646	56,945
KENTUCKY	STATE HIGHWAY BONDS	198,517	83,573	-	-	10,047	-	93,620	70,571	300	70,871	39,840	-	39,840	110,711	181,428
	TOLL FACILITY BONDS	52,629	35,128	2,107	-	3,356	142	40,733	21,809	105	21,914	16,645	(52)	16,593	38,507	54,855
	TOTAL	251,146	118,701	2,107	-	13,403	142	134,353	92,380	405	92,785	56,485	(52)	56,433	149,218	236,281
LOUISIANA	STATE HIGHWAY BONDS	-	106,082	-	-	-	-	106,082	61,190	-	61,190	44,892	-	44,892	106,082	-
	TOLL FACILITY BONDS	18,810	1,059	3,286	-	727	1	5,073	877	22	899	4,429	(264)	4,165	5,064	18,819
	STATE ISSUES FOR LOCAL ROADS	-	1,438	-	-	-	-	1,438	803	-	803	635	-	635	1,438	-
	TOTAL	18,810	108,579	3,286	-	727	1	112,593	62,870	22	62,892	49,956	(264)	49,692	112,584	18,819
MAINE	STATE HIGHWAY BONDS	-	17,962	-	-	-	-	17,962	6,722	-	6,722	11,240	-	11,240	17,962	-
MARYLAND	TOLL FACILITY BONDS	31,344	-	20,843	-	1,814	-	22,657	28,682	-	28,682	4,165	-	4,165	32,847	21,154
	STATE ISSUES FOR LOCAL ROADS	30,922	21,678	-	88	3,056	-	24,822	11,593	54	11,647	12,875	-	12,875	24,522	31,222
	TOTAL	62,266	21,678	20,843	88	4,870	-	47,479	40,275	54	40,329	17,040	-	17,040	57,369	52,376
MASSACHUSETTS	STATE HIGHWAY BONDS	-	203,755	-	-	168	-	203,923	88,525	915	89,440	114,483	-	114,483	203,923	-
	TOLL FACILITY BONDS	22,811	-	28,700	-	4,236	-	38,616	9,470	19	9,489	28,323	(827)	27,496	36,985	24,242
	STATE ISSUES FOR LOCAL ROADS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	22,811	203,755	28,700	5,680	4,404	-	242,539	97,995	934	98,929	142,806	(827)	141,979	240,908	24,242
MICHIGAN	STATE HIGHWAY BONDS	21	8,846	-	-	8,190	25	16,861	12,264	16	12,280	4,581	-	4,581	16,861	21
	TOLL FACILITY BONDS	1,039	-	1,075	-	15	-	1,090	1,122	-	1,122	-	-	-	1,122	1,007
	STATE ISSUES FOR LOCAL ROADS	-	12,240	-	-	-	-	12,240	5,748	7	5,755	8,485	-	8,485	12,240	-
	TOTAL	1,060	20,866	1,075	-	8,205	25	30,191	19,134	23	19,157	11,066	-	11,066	30,223	1,028
MINNESOTA	STATE HIGHWAY BONDS	38,013	8,932	-	16	911	3/	9,448	9,316	-	9,316	13,637	-	13,637	22,953	34,365
MISSISSIPPI	STATE HIGHWAY BONDS	105,844	40,446	-	-	3,782	-	44,228	13,303	182	13,485	14,200	-	14,200	27,685	122,187
	STATE ISSUES FOR LOCAL ROADS	2,200	-	-	-	-	-	5,499	1,954	5	1,959	3,598	-	3,598	5,557	2,142
	TOTAL	107,844	40,446	-	-	3,782	4/	5,499	15,257	187	15,444	17,798	-	17,798	33,242	124,329
MONTANA	STATE HIGHWAY BONDS	-	10,015	-	-	26	-	10,041	10,041	-	10,041	-	-	-	10,041	-

Highway Finance

STATE OBLIGATIONS FOR HIGHWAYS - 1990
RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE¹

TABLE SB-3
 SHEET 2 OF 2
 OCTOBER 1991

COMPILED FROM REPORTS
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS 2/	BALANCE IN SINKING FUND OR DEBT RESERVE BEGINNING OF YEAR	RECEIPTS APPLICABLE TO DEBT SERVICE					DISBURSEMENTS					BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR			
			HIGHWAY-USER REVENUES	TOLLS	PROCEEDS OF SALE OF BONDS	NET EARNINGS FROM INVESTMENTS	MISCELLANEOUS INCOME	TOTAL RECEIPTS	INTEREST	ADMINISTRATION, PAYING AGENT FEES ETC.	TOTAL INTEREST AND ADMINISTRATION	REDEMPTIONS			TOTAL DISBURSEMENTS	
										PAR VALUE	PREMIUM OR DISCOUNT	TOTAL				
NEVADA	STATE HIGHWAY BONDS	-	18,768	-	-	-	-	18,768	3,008	-	3,008	15,760	-	15,760	18,768	-
NEW HAMPSHIRE	STATE HIGHWAY BONDS	-	9,939	-	-	-	-	9,939	2,935	-	2,935	7,004	-	7,004	9,939	-
	TOLL FACILITY BONDS	-	-	17,388	-	-	-	17,388	12,713	-	12,713	4,675	-	4,675	17,388	-
	TOTAL	-	9,939	17,388	-	-	-	27,327	15,648	-	15,648	11,679	-	11,679	27,327	-
NEW JERSEY	STATE HIGHWAY BONDS	-	121,171	-	-	-	-	121,171	49,815	-	49,815	71,356	-	71,356	121,171	-
	TOLL FACILITY BONDS	387,221	-	239,489	-	25,398	-	264,887	240,089	71	240,160	15,460	(163)	15,297	255,457	396,651
	STATE ISSUES FOR LOCAL ROADS	-	7,754	-	-	-	7,754	7,754	2,646	-	2,646	5,108	-	5,108	7,754	-
	TOTAL	387,221	128,925	239,489	-	25,398	-	393,812	292,550	71	292,621	91,924	(163)	91,761	384,382	396,651
NEW MEXICO	STATE HIGHWAY BONDS	-	4,808	-	-	-	-	4,808	503	-	503	4,305	-	4,305	4,808	-
NEW YORK	STATE HIGHWAY BONDS	22,622	176,343	-	-	1,695	-	178,038	24,823	666	25,489	146,957	1	146,958	172,447	28,213
	TOLL FACILITY BONDS	87,119	-	45,374	-	6,021	-	51,395	10,690	-	10,690	37,198	(861)	36,337	47,027	91,487
	STATE ISSUES FOR LOCAL ROADS	-	10,000	-	-	-	-	10,000	-	-	-	10,000	-	10,000	10,000	-
	TOTAL	109,741	186,343	45,374	-	7,716	-	239,433	35,513	666	36,179	194,155	(860)	193,295	229,474	119,700
NORTH CAROLINA	STATE HIGHWAY BONDS	-	38,240	-	-	-	-	38,240	10,910	-	10,910	27,330	-	27,330	38,240	-
OHIO	STATE HIGHWAY BONDS	104,377	77,702	-	-	12,749	-	90,451	22,131	200	22,331	74,900	-	74,900	97,231	97,597
	TOLL FACILITY BONDS	206	-	393	-	16	-	409	409	-	409	-	-	-	409	206
	TOTAL	104,583	77,702	393	-	12,765	-	90,860	22,540	200	22,740	74,900	-	74,900	97,640	97,803
OKLAHOMA	TOLL FACILITY BONDS	57,585	3,000	27,925	-	-	-	30,925	38,656	-	38,656	-	-	-	38,656	49,854
OREGON	STATE HIGHWAY BONDS	-	14,730	-	-	-	-	14,730	5,910	-	5,910	8,820	-	8,820	14,730	-
	TOLL FACILITY BONDS	-	-	921	-	-	-	921	121	-	121	800	-	800	921	-
	TOTAL	-	14,730	921	-	-	-	15,651	6,031	-	6,031	9,620	-	9,620	15,651	-
PENNSYLVANIA	STATE HIGHWAY BONDS	(18,033)	289,844	-	248	406	-	290,498	94,130	-	94,130	196,365	1	196,366	290,526	(18,061)
	TOLL FACILITY BONDS	113,019	-	58,458	-	8,817	-	65,273	77,069	-	77,069	6,980	-	6,980	84,049	94,243
	TOTAL	94,986	289,844	58,458	248	9,223	-	355,771	171,199	-	171,199	203,375	1	203,376	374,575	76,182
RHODE ISLAND	STATE HIGHWAY BONDS	-	17,717	-	-	-	-	17,717	3,944	-	3,944	13,773	-	13,773	17,717	-
	TOLL FACILITY BONDS	(2,818)	-	8,422	-	225	-	8,647	2,097	-	2,097	1,145	(134)	1,011	3,106	2,721
	TOTAL	(2,818)	17,717	8,422	-	225	-	26,364	6,041	-	6,041	14,918	(134)	14,784	20,825	2,721
TENNESSEE	STATE HIGHWAY BONDS	-	10,482	-	-	-	-	10,482	1,642	-	1,642	8,820	-	8,820	10,482	-
TEXAS	TOLL FACILITY BONDS	39,773	-	9,879	32,091	4,482	-	46,452	37,064	2,677	39,761	2,760	(1)	2,759	42,520	43,705
VERMONT 5/	STATE HIGHWAY BONDS	-	6,899	-	-	-	-	6,899	1,984	-	1,984	4,715	-	4,715	6,899	-
VIRGINIA	STATE HIGHWAY BONDS	-	3,175	-	-	21,534	-	24,709	21,229	-	21,229	3,480	-	3,480	24,709	-
	TOLL FACILITY BONDS	6,234	2,221	31,257	-	1,416	-	34,894	17,073	45	17,118	17,533	1	17,534	34,652	6,476
	TOTAL	6,234	5,396	31,257	-	22,950	-	59,603	38,302	45	38,347	21,013	1	21,014	59,361	6,476
WASHINGTON	STATE HIGHWAY BONDS	41,043	59,965	-	-	2,097	-	62,062	39,137	14	39,151	25,350	1	25,351	64,502	38,603
	TOLL FACILITY BONDS	10,151	15,426	345	-	459	-	16,230	8,486	8	8,474	8,208	-	8,208	16,682	9,699
	STATE ISSUES FOR LOCAL ROADS	-	28,587	-	-	-	-	28,587	14,279	-	14,279	14,308	-	14,308	28,587	-
	TOTAL	51,194	103,978	345	-	2,556	-	106,879	61,882	22	61,904	47,866	1	47,867	109,771	48,302
WEST VIRGINIA	STATE HIGHWAY BONDS	40,754	109,759	-	-	3,534	-	113,293	28,173	501	28,674	62,285	1	62,286	80,960	83,087
	TOLL FACILITY BONDS	7,277	-	3,528	-	44,543	-	48,071	349	-	349	44,543	-	44,543	44,892	10,456
	TOTAL	48,031	109,759	3,528	-	44,543	-	161,364	28,522	501	29,023	106,828	1	106,829	135,852	73,543
WISCONSIN	STATE HIGHWAY BONDS	59,418	13,061	-	-	5,248	-	18,309	20,851	23	20,874	25,306	-	25,306	46,182	31,545
SUMMARY	STATE HIGHWAY BONDS	683,741	2,061,697	-	19,910	83,627	175,067	2,340,201	1,000,118	13,210	1,013,328	1,319,147	13,186	1,332,333	2,345,681	678,281
	TOLL FACILITY BONDS	1,198,964	85,882	594,180	94,102	103,533	5,063	862,780	674,521	14,838	689,359	231,280	(2,777)	228,503	917,882	1,143,882
	STATE ISSUES FOR LOCAL ROADS	33,122	120,280	-	88	3,056	88,003	211,429	113,453	1,593	115,046	96,142	(1)	96,141	211,187	33,364
	GRAND TOTAL	1,915,827	2,247,859	594,180	114,000	190,218	268,155	3,414,410	1,788,092	29,641	1,817,733	1,846,569	10,408	1,856,977	3,474,710	1,855,527

1/ SEE TABLE SB-1 FOR GENERAL NOTE ON SB SERIES. THE FOLLOWING STATES REPORTED NO INDEBTEDNESS DURING 1990: ARKANSAS, COLORADO, IDAHO, IOWA, MISSOURI, NEBRASKA, NORTH DAKOTA, SOUTH CAROLINA, SOUTH DAKOTA, UTAH AND WYOMING.
 2/ FOR PURPOSES OF THIS ANALYSIS, BOND ISSUES HAVE BEEN CLASSIFIED IN ACCORDANCE WITH THE TYPES OF ISSUES SUMMARIZED ON SHEET 2.
 3/ GENERAL FUND APPROPRIATION: ALASKA [\$28,960,804], DISTRICT OF COLUMBIA [\$78,996,239], GEORGIA [\$120,040,749], HAWAII [\$23,880,011] AND MINNESOTA [\$9,448,080].
 4/ OTHER STATE TAXES: MISSISSIPPI [\$5,498,814] - OIL TAX.
 5/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1990¹

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-3B SHEET 1 OF 2 OCTOBER 1991

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES BEGINNING OF YEAR 2/		HIGHWAY-USER REVENUES	ROAD AND CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INCOME FROM INVESTMENTS	CONCESSIONS AND RENTALS	MISCELLANEOUS RECEIPTS	TOTAL RECEIPTS
			RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE							
ALASKA	ALASKA FERRY (MARINE HIGHWAY) SYSTEM	ALASKA DEPARTMENT OF PUBLIC WORKS	-	-	-	15,962	-	-	7,112	3/ 49,418	72,492
CALIFORNIA	CARQUINEZ, BENICIA-MARTINEZ AND ANTIOCH BRIDGES	CALIFORNIA TRANSPORTATION COMMISSION	77,621	1,037	1,180	37,748	-	6,746	156	3/ 111	45,941
	RICHMOND-SAN RAFAEL BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	27,033	-	2,146	10,326	-	2,580	23	31	15,106
	SAN DIEGO-CORONADO BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	17,852	-	1,008	5,726	-	1,685	21	15	8,455
	SAN FRANCISCO-OAKLAND BAY, SAN MATEO-ALAMEDA AND DUMBARTON BRIDGES	CALIFORNIA TRANSPORTATION COMMISSION	150,760	3,348	13,110	66,067	-	13,638	2,378	3/ 1,755	96,948
	SAN PEDRO-TERMINAL ISLAND (VINCENT THOMAS) BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	5,903	-	497	2,701	-	549	-	11	3,758
	TOTAL		279,189	4,385	17,841	122,568	-	25,198	2,578	1,923	170,208
CONNECTICUT	ROCKYHILL-GLASTONBURY AND CHESTER-HADLYME FERRIES	CONNECTICUT DEPARTMENT OF TRANSPORTATION	-	-	263	137	-	-	-	-	400
DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE MAY-LEWES FERRY	DELAWARE RIVER AND BAY AUTHORITY	20,793	7,361	-	36,892	-	2,019	-	574	39,485
	JOHN F. KENNEDY MEMORIAL HIGHWAY	DELAWARE TRANSPORTATION AUTHORITY	5,538	-	-	31,017	-	571	1,570	164	33,322
	TOTAL		26,331	7,361	-	67,909	-	2,590	1,570	738	72,807
FLORIDA	EMORY L. BENNETT CAUSEWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	992	-	-	-	-	992
	JACKSONVILLE EXPRESSWAY AUTHORITY 4/	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	1,354	-	-	-	-	1,354
	PENSACOLA BEACH BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	99	1,178	361	805	-	123	-	-	1,289
	PINELLAS BAYWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	2,880	-	3,696	-	525	-	-	4,221
	ST. GEORGE ISLAND (BRYANT PATTON) BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	624	-	-	-	-	624
	SANTA ROSA (NAVARRE) BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	5	-	-	173	-	-	-	-	173
	SUNSHINE SKYWAY (LOWER TAMPA BAY BRIDGE)	FLORIDA DEPARTMENT OF TRANSPORTATION	-	15,913	1,774	9,295	-	1,544	-	-	12,613
	ORLANDO-ORANGE COUNTY EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	174,695	135,343	-	42,688	374,706	55,659	-	-	473,053
	BUCCANEER TRAIL ROAD	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	1,299	423	-	-	-	-	1,722
	CENTRAL FLORIDA EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	593	1,262	239	978	-	88	-	-	1,305
	EVERGLADES PARKWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	542	-	-	4,441	-	-	-	-	4,441
	FLORIDA TURNPIKE	FLORIDA DEPARTMENT OF TRANSPORTATION	51,734	22,762	-	124,077	-	16,278	6,820	279	147,254
	TAMPA-HILLSBOROUGH COUNTY EXPRESSWAY (SOUTH CROSSTOWN)	FLORIDA DEPARTMENT OF TRANSPORTATION	2,085	6,070	3,835	12,405	-	770	-	-	17,010
	MIAMI-DADE COUNTY EXPRESSWAYS	FLORIDA DEPARTMENT OF TRANSPORTATION	-	9,317	-	12,888	-	1,229	-	-	14,117
SAWGRASS-DEERFIELD EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	21,880	11,180	10,187	-	2,746	-	-	24,113	
SEMINOLE EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	18,949	1,201	554	-	-	-	-	1,755	
	TOTAL		229,753	235,554	19,889	225,580	374,706	78,962	6,820	279	706,036
GEORGIA	TORRAS CAUSEWAY	GEORGIA STATE TOLLWAY AUTHORITY	751	-	-	1,348	-	146	-	-	1,494
ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	ILLINOIS STATE TOLL HIGHWAY AUTHORITY	324,125	79,319	-	238,905	-	32,466	4,487	522	276,380
INDIANA	WABASH MEMORIAL BRANDENBURG-MAUKPORT, AND HAWESVILLE-CANNELTON BRIDGES 5/	INDIANA TRANSPORTATION FINANCE AUTHORITY	6,026	-	-	1,558	-	432	-	12	2,002
	INDIANA EAST-WEST TOLL ROAD	INDIANA TRANSPORTATION FINANCE AUTHORITY	44,393	26,344	-	55,197	-	6,199	3,569	610	65,575
	TOTAL		50,419	26,344	-	56,755	-	6,631	3,569	622	67,577
KANSAS	KANSAS TURNPIKE SYSTEM	KANSAS TURNPIKE AUTHORITY	36,410	13,800	-	37,902	28,425	4,827	456	404	72,014
KENTUCKY	KENTUCKY PARKWAY SYSTEM	THE TURNPIKE AUTHORITY OF KENTUCKY	1,846	52,629	35,128	18,910	-	3,742	-	186	57,968
LOUISIANA	GREATER NEW ORLEANS BRIDGES	CRESCENT CITY CONNECTION DIVISION	1,763	17,917	6,248	20,245	-	2,180	32	92	28,777
	ASCENSION (SUNSHINE) BRIDGE AND ST. JAMES FERRY	ASCENSION-ST. JAMES BRIDGE AND FERRY AUTHORITY	1,076	894	1,059	3,286	-	366	-	6/ 1	4,732
	TOTAL		2,839	18,811	7,307	23,531	-	2,546	32	93	33,509
MAINE	MAINE TURNPIKE	MAINE TURNPIKE AUTHORITY	41,956	-	-	35,340	-	3,311	1,928	250	40,829
	ISLAND FERRY SYSTEM	MAINE PORT AUTHORITY	1,127	-	-	1,145	-	24	103	3/ 6/ 2,402	3,674
	TOTAL		43,083	-	-	36,485	-	3,335	2,031	2,852	44,503
MARYLAND	SUSQUEHANNA, POTOMAC AND CHESAPEAKE BAY BRIDGES: BALTIMORE HARBOR TUNNEL AND BRIDGE: FORT MCHENRY TUNNEL	MARYLAND TRANSPORTATION AUTHORITY	51,166	31,344	-	83,687	54,986	10,936	48	1,009	150,666
	JOHN F. KENNEDY MEMORIAL HIGHWAY	MARYLAND TRANSPORTATION AUTHORITY	-	-	-	29,352	-	-	5,164	117	34,633
	TOTAL		51,166	31,344	-	113,039	54,986	10,936	5,212	1,126	185,299
MASSACHUSETTS	MAURICE J. TOBIN (MYSTIC RIVER) BRIDGE	MASSACHUSETTS PORT AUTHORITY	-	-	-	6,075	-	-	-	5,464	11,539
	EAST BOSTON TUNNELS	MASSACHUSETTS TURNPIKE AUTHORITY	7,980	-	-	16,151	43,733	864	79	-	60,827
	MASSACHUSETTS TURNPIKE SYSTEM	MASSACHUSETTS TURNPIKE AUTHORITY	78,267	22,611	-	120,785	-	5,478	7,566	-	133,829
	TOTAL		86,247	22,611	-	143,011	43,733	6,342	7,645	5,464	206,195
MICHIGAN	BLUE WATER BRIDGE	MICHIGAN DEPARTMENT OF TRANSPORTATION	-	-	-	2,885	-	-	-	7/ 2,199	5,084
	MACKINAC STRAITS BRIDGE	MACKINAC BRIDGE AUTHORITY	14,170	-	-	6,342	-	1,545	-	-	7,887
	SAULT SAINTE MARIE BRIDGE	INTERNATIONAL BRIDGE AUTHORITY OF MICHIGAN	422	1,039	-	4,062	-	67	299	-	4,428
	TOTAL		14,592	1,039	-	13,289	-	1,612	299	2,199	17,399

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1990¹

TABLE SF-3B
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COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES BEGINNING OF YEAR 2/		HIGHWAY-USER REVENUES	ROAD AND CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INCOME FROM INVESTMENTS	CONCESSIONS AND RENTALS	MISCELLANEOUS RECEIPTS	TOTAL RECEIPTS	
			RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE								
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION	92,302	-	-	46,466	87,842	5,330	-	65	149,703	
NEW JERSEY	VARIOUS TOLL BRIDGES ATLANTIC CITY EXPRESSWAY GARDEN STATE PARKWAY NEW JERSEY TURNPIKE SYSTEM TOTAL	DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION	46,947	6,057	-	23,475	-	4,828	-	46	28,347	
		NEW JERSEY EXPRESSWAY AUTHORITY	19,838	6,930	-	22,939	-	3,233	-	2,958	29,128	
		NEW JERSEY HIGHWAY AUTHORITY	232,257	80,773	-	160,858	-	24,743	10,099	5,388	201,088	
		NEW JERSEY TURNPIKE AUTHORITY	1,580,631	293,461	-	188,730	-	176,947	12,128	3,769	381,574	
NEW YORK	CORNWALL-MASSENA BRIDGE GEORGE WASHINGTON AND STATEN ISLAND BRIDGES; HOLLAND AND LINCOLN TUNNELS KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEWBURGH-BEACON BRIDGES OGDENSBURG-PRESCOTT BRIDGE PEACE BRIDGE RAINBOW, LEWISTON-QUEENSTON AND WHIRLPOOL RAPIDS BRIDGES THOUSAND ISLAND BRIDGES THOMAS E. DEWEY THRUWAY TOTAL	ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION PORT AUTHORITY OF NEW YORK AND NEW JERSEY	-	-	-	2,230	-	39	80	9	2,358	
		NEW YORK STATE BRIDGE AUTHORITY	35,272	5,731	-	18,816	-	3,734	-	9	23,559	
		OGDENSBURG BRIDGE AND PORT AUTHORITY	1,103	-	-	1,345	-	97	480	5	1,927	
		BUFFALO AND FT. ERIE PUBLIC BRIDGE AUTHORITY	10,023	284	-	7,372	-	1,170	3,106	-	11,648	
		NIAGARA FALLS BRIDGE COMMISSION	7,555	3,734	-	7,959	-	851	4,564	-	13,374	
		THOUSAND ISLANDS BRIDGE AUTHORITY	9,105	859	-	4,938	-	-	-	-	4,938	
		NEW YORK STATE THRUWAY AUTHORITY	219,428	76,511	-	287,415	-	22,757	7,372	7/	17,918	335,462
		TOTAL	282,986	87,119	-	668,257	-	28,648	15,602	17,941	730,448	
NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	-	-	17,246	1,396	-	-	-	-	18,642	
OHIO	OHIO TURNPIKE	OHIO TURNPIKE COMMISSION	50,020	206	1,914	83,661	-	3,552	5,888	909	95,924	
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM (WILL ROGERS TURNPIKE)	OKLAHOMA TURNPIKE AUTHORITY	415,880	57,585	3,000	53,259	-	44,203	1,067	44	101,573	
OREGON	ASTORIA-PT. ELLICE BRIDGE	OREGON TRANSPORTATION COMMISSION	-	-	-	2,425	-	-	-	-	2,425	
PENNSYLVANIA	DELAWARE RIVER BRIDGES PENNSYLVANIA TURNPIKE SYSTEM TOTAL	DELAWARE RIVER PORT AUTHORITY	120,588	27,482	-	86,341	-	13,067	152	-	99,580	
		PENNSYLVANIA TURNPIKE COMMISSION	1,013,137	85,537	-	217,099	-	90,579	5,283	568	313,540	
RHODE ISLAND	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY	16,661	(2,816)	-	9,141	-	1,774	-	18	10,933	
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	TENNESSEE DEPARTMENT OF TRANSPORTATION	-	-	324	39	-	-	-	-	363	
TEXAS	MOUNTAIN CREEK LAKE BRIDGE HOUSTON SHIP CHANNEL BRIDGE DALLAS NORTH TOLLWAY TOTAL	TEXAS TURNPIKE AUTHORITY	732	1,309	-	1,421	-	139	-	-	1,560	
		TEXAS TURNPIKE AUTHORITY	10,177	11,738	-	9,224	-	1,453	-	1	10,878	
		TEXAS TURNPIKE AUTHORITY	59,620	26,726	-	29,801	125,852	13,082	-	-	168,735	
		TOTAL	70,529	39,773	-	40,446	125,852	14,674	-	1	180,973	
UTAH	JOHN ATLANTIC BURR FERRY	UTAH DEPARTMENT OF TRANSPORTATION	-	-	-	170	-	-	-	-	170	
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL SYSTEM NORFOLK-VIRGINIA BEACH TOLL ROAD RICHMOND-PETERSBURG TURNPIKE DULLES TOLL ROAD POWHITE PARKWAY EXTENSION TOLL ROAD JAMESTOWN FERRY TOTAL	CHESAPEAKE BAY BRIDGE AND TUNNEL DISTRICT	32,156	6,234	394	28,489	-	3,027	-	285	32,195	
		VIRGINIA DEPARTMENT OF TRANSPORTATION	27,754	-	-	11,370	-	1,945	-	3	13,318	
		VIRGINIA DEPARTMENT OF TRANSPORTATION	12,982	-	-	31,795	-	708	-	-	32,503	
		VIRGINIA DEPARTMENT OF TRANSPORTATION	61,268	-	-	15,910	-	4,429	-	9	20,348	
		VIRGINIA DEPARTMENT OF TRANSPORTATION	1,514	-	2,221	5,258	-	117	-	-	7,594	
		VIRGINIA DEPARTMENT OF TRANSPORTATION	-	-	3,456	566	-	-	-	-	4,022	
		TOTAL	135,674	6,234	6,071	93,386	-	10,228	-	297	109,980	
WASHINGTON	PUGET SOUND FERRY SYSTEM MAPLE STREET (SPOKANE) BRIDGE 8/	WASHINGTON TOLL BRIDGE AUTHORITY	70,739	8,348	87,418	84,314	-	572	-	6/	5,059	
		WASHINGTON TOLL BRIDGE AUTHORITY	124	1,803	238	345	-	-	-	-	583	
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	WEST VIRGINIA PARKWAYS, ECONOMIC DEVELOPMENT, TOURISM AUTHORITY	22,430	7,277	-	38,856	138,150	3,135	498	-	180,439	
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES TOTAL ROAD FACILITIES TOTAL FERRY FACILITIES GRAND TOTAL		674,383	145,324	28,015	883,741	98,719	76,122	11,418	11,647	1,089,662	
			4,551,245	1,045,292	60,017	1,989,284	764,975	528,124	73,705	34,162	3,430,247	
			71,866	8,348	108,707	83,729	-	596	7,215	56,879	257,126	
			5,297,494	1,198,964	196,739	2,916,734	863,694	804,842	82,338	102,688	4,777,035	

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-3B AND 4B ARE CONCERNED SOLELY WITH RECEIPTS AND DISBURSEMENTS FOR STATE AND QUASI-STATE TOLL FACILITIES, INCLUDING (A) THOSE OWNED OR OPERATED BY STATE HIGHWAY AGENCIES, (B) THOSE THE TITLE OF WHICH WILL ULTIMATELY BE VESTED IN THE STATE, AND (C) OTHER MAJOR FACILITIES THAT HAVE MORE THAN LOCAL IMPORTANCE. FORMER TOLL FACILITIES, NOW TOLL-FREE, ARE INCLUDED WHERE BONDED INDEBTEDNESS IS STILL OUTSTANDING. OTHER FACILITIES FOR WHICH NO TOLLS ARE SHOWN WERE UNDER CONSTRUCTION, OR PRELIMINARY COSTS HAD BEEN INCURRED DURING THE YEAR. DATA FOR PUBLIC AND QUASI-PUBLIC FACILITIES OPERATED BY OR FOR COUNTIES, LOCAL ROAD AND BRIDGE DISTRICTS AND MUNICIPALITIES ARE SHOWN IN TABLES LF-32 AND 42, AND UF-32 AND 42.
2/ INCLUDES FUNDS OF SPECIAL TOLL AUTHORITIES AS WELL AS STATE HIGHWAY AGENCY FUNDS DEDICATED FOR TOLL

FACILITY CONSTRUCTION, MAINTENANCE, OPERATION, AND DEBT SERVICE.
3/ GENERAL FUND APPROPRIATION: ALASKA [\$36,063,955], CALIFORNIA [\$1,561,614] AND MAINE [\$1,401,660].
4/ TRANSFERRED TO JACKSONVILLE TRANSPORTATION AUTHORITY IN 1990.
5/ CANNELTON BRIDGE FREED MARCH 1990.
6/ FEDERAL FUNDS: LOUISIANA [\$61,871-UMTA], MAINE [\$999,999-UMTA] AND WASHINGTON [\$329,068-UMTA].
7/ FEDERAL-AID FUNDS: MICHIGAN [\$2,198,583] AND NEW YORK [\$15,000,000].
8/ FREED JULY 1990.

DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1990¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

TABLE SF-4B
SHEET 1 OF 2
OCTOBER 1991

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATIONS 2/	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT	INTEREST ON OBLIGATIONS	RETIREMENT OF OBLIGATIONS	SUBTOTAL DIRECT EXPENDITURES	TRANSFERS TO STATE OR FOR OTHER PURPOSES	TOTAL DISBURSEMENTS	BALANCES END OF YEAR 3/	
											RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE
ALASKA	ALASKA FERRY (MARINE HIGHWAY) SYSTEM	-	65,150	2,402	-	872	4,068	72,492	-	72,492	-	-
CALIFORNIA	CARQUINEZ, BENICIA-MARTINEZ AND ANTIOCH BRIDGES	32,841	10,387	2,135	-	2,686	1,340	49,489	845	50,334	73,201	1,064
	RICHMOND-SAN RAFAEL BRIDGE	1,692	4,127	413	-	-	-	6,232	25	6,257	35,881	-
	SAN DIEGO-CORONADO BRIDGE	112	3,188	286	-	-	-	3,586	-	3,586	22,721	-
	SAN FRANCISCO-OAKLAND BAY, SAN MATEO-ALAMEDA AND DUMBARTON BRIDGES	22,885	29,430	3,491	-	3,421	2,320	61,547	24,012	85,559	161,793	3,723
	SAN PEDRO-TERMINAL ISLAND (VINCENT THOMAS) BRIDGE	241	3,051	174	-	-	-	3,466	-	3,466	6,195	-
	TOTAL	57,871	50,183	6,499	-	6,107	3,660	124,320	24,882	149,202	299,791	4,787
CONNECTICUT	ROCKYHILL-GLASTONBURY AND CHESTER-HADLYME FERRIES	-	399	-	-	-	-	399	-	399	-	-
DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE MAY-LEWES FERRY	7,594	20,109	1,015	3,010	1,998	4,043	37,769	-	37,769	24,188	5,704
	JOHN F. KENNEDY MEMORIAL HIGHWAY	1,393	5,814	1,324	-	-	-	8,531	23,490	32,021	6,838	-
	TOTAL	8,987	25,923	2,339	3,010	1,998	4,043	46,300	23,490	69,790	31,004	5,704
FLORIDA	EMORY L. BENNETT CAUSEWAY	-	914	-	-	-	-	914	78	992	-	-
	JACKSONVILLE EXPRESSWAY AUTHORITY	-	1,354	-	-	-	-	1,354	-	1,354	-	-
	PENSACOLA BEACH BRIDGE	-	370	-	-	502	560	1,432	-	1,432	-	1,135
	PINELLAS BAYWAY	-	1,254	-	-	1,038	490	2,782	1,424	4,206	-	2,895
	ST. GEORGE ISLAND (BRYANT PATTON) BRIDGE	-	198	-	-	-	-	198	426	624	-	-
	SANTA ROSA (NAVARRÉ) BRIDGE	-	175	-	-	-	-	175	-	175	3	-
	SUNSHINE SKYWAY (LOWER TAMPA BAY BRIDGE)	-	3,163	-	-	2,747	780	6,690	-	6,690	-	21,835
	ORLANDO-ORANGE COUNTY EXPRESSWAY	58,058	9,838	742	-	44,887	2,524	116,047	37,126	153,173	496,553	133,365
	BUCCANEER TRAIL ROAD	-	1,722	-	-	-	-	1,722	-	1,722	-	-
	CENTRAL FLORIDA EXPRESSWAY	-	632	-	-	172	1,118	1,922	-	1,922	-	1,238
	EVERGLADES PARKWAY	-	1,342	-	-	-	-	1,342	3,642	4,984	-	-
	FLORIDA TURNPIKE	-	33,404	5,810	-	16,231	2,475	57,920	90,593	148,513	53,008	20,229
	TAMPA-HILLSBOROUGH COUNTY EXPRESSWAY (SOUTH CROSSTOWN)	310	3,381	193	-	8,736	3,685	16,305	-	16,305	1,946	8,914
MIAMI-DADE COUNTY EXPRESSWAYS	-	3,781	-	-	6,601	930	11,312	402	11,714	-	11,721	
SAWGRASS-DEERFIELD EXPRESSWAY	-	2,513	88	-	16,727	4,805	24,133	-	24,133	-	21,861	
SEMINOLE EXPRESSWAY	-	136	-	-	1,619	1,115	2,870	418	3,288	1,201	16,215	
	TOTAL	58,366	64,177	6,833	-	99,260	18,482	247,118	134,109	381,227	552,711	237,408
GEORGIA	TORRAS CAUSEWAY	73	592	58	-	-	-	723	-	723	1,523	-
ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	108,338	52,950	28,464	10,384	42,100	4,285	244,521	-	244,521	399,439	35,866
INDIANA	WABASH MEMORIAL, BRANDENBURG-MAUKPORT, AND HAWESVILLE-CANNELTON BRIDGES	-	970	-	-	-	-	970	-	970	7,058	-
	INDIANA EAST-WEST TOLL ROAD	1,520	30,138	5,293	2,460	21,298	1,835	62,544	-	62,544	47,561	26,207
	TOTAL	1,520	31,108	5,293	2,460	21,298	1,835	63,514	-	63,514	54,620	26,207
KANSAS	KANSAS TURNPIKE SYSTEM	21,516	11,735	4,931	2,418	8,000	1,570	50,170	-	50,170	63,721	8,335
KENTUCKY	KENTUCKY PARKWAY SYSTEM	5,994	10,809	134	-	21,914	16,593	55,444	-	55,444	2,143	54,855
LOUISIANA	GREATER NEW ORLEANS BRIDGES	6,519	8,501	-	-	184	3,100	18,304	-	18,304	15,179	14,972
	ASCENSION (SUNSHINE) BRIDGE AND ST. JAMES FERRY	-	546	-	-	714	1,064	2,324	-	2,324	530	3,847
	TOTAL	6,519	9,047	-	-	898	4,164	20,628	-	20,628	15,709	18,819
MAINE	MAINE TURNPIKE	14,256	14,148	2,284	2,046	-	-	32,734	8,700	41,434	41,352	-
	ISLAND FERRY SYSTEM	360	2,519	-	-	-	-	2,879	-	2,879	1,921	-
	TOTAL	14,616	16,667	2,284	2,046	-	-	35,613	8,700	44,313	43,273	-
MARYLAND	SUSQUEHANNA, POTOMAC AND CHESAPEAKE BAY BRIDGES: BALTIMORE HARBOR TUNNEL AND BRIDGE: FORT MCHENRY TUNNEL	15,470	25,336	8,578	11,304	28,682	4,165	93,535	38,080	131,615	80,407	21,154
	JOHN F. KENNEDY MEMORIAL HIGHWAY	24,712	7,378	298	-	-	-	32,388	2,245	34,633	-	-
	TOTAL	40,182	32,714	8,876	11,304	28,682	4,165	125,923	40,325	166,248	80,407	21,154
MASSACHUSETTS	MAURICE J. TOBIN (MYSTIC RIVER) BRIDGE	6,790	2,662	2,087	-	-	-	11,539	-	11,539	-	-
	EAST BOSTON TUNNELS	1,706	6,654	1,420	-	19	-	9,799	-	9,799	53,328	5,680
	MASSACHUSETTS TURNPIKE SYSTEM	53,190	41,789	11,040	-	9,470	27,496	142,985	-	142,985	73,159	18,562
	TOTAL	61,686	51,105	14,547	-	9,489	27,496	164,323	-	164,323	126,487	24,242
MICHIGAN	BLUE WATER BRIDGE	3,344	1,595	-	-	-	-	4,939	145	5,084	-	-
	MACKINAC STRAITS BRIDGE	-	3,617	1,046	-	-	-	4,663	-	4,663	17,393	-
	SAULT SAINTE MARIE BRIDGE	-	2,425	363	-	1,122	-	3,910	-	3,910	973	1,007
	TOTAL	3,344	7,637	1,409	-	1,122	-	13,512	145	13,657	18,366	1,007

DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1990¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

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STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATIONS 2/	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT	INTEREST ON OBLIGATIONS	RETIREMENT OF OBLIGATIONS	SUBTOTAL DIRECT EXPENDITURES	TRANSFERS TO STATE OR FOR OTHER PURPOSES	TOTAL DISBURSEMENTS	BALANCES END OF YEAR 3/	
											RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	33,186	12,863	12,252	1,755	12,713	4,675	77,244	-	77,244	164,761	-
NEW JERSEY	VARIOUS TOLL BRIDGES	10,607	7,253	10,390	-	4,048	610	32,908	-	32,908	41,572	6,871
	ATLANTIC CITY EXPRESSWAY	-	10,958	3,476	3,408	3,239	2,325	23,406	2,500	25,906	23,050	8,939
	GARDEN STATE PARKWAY	26,318	58,377	24,547	15,054	45,042	4,878	174,216	10,300	184,516	241,799	87,804
	NEW JERSEY TURNPIKE SYSTEM	211,046	84,038	46,908	18,087	187,831	7,485	555,395	12,000	567,395	1,373,233	295,038
	TOTAL	247,971	160,626	85,321	36,549	240,160	15,298	785,925	24,800	810,725	1,679,654	399,652
NEW YORK	CORNWALL - MASSENA BRIDGE	50	1,530	175	-	-	-	1,755	554	2,309	548	-
	GEORGE WASHINGTON AND STATEN ISLAND BRIDGES; HOLLAND AND LINCOLN TUNNELS	105,700	65,771	-	-	-	-	171,471	165,711	337,182	-	-
	KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEWBURGH-BEACON BRIDGES	11,300	8,237	2,265	-	2,042	-	23,844	-	23,844	32,150	8,569
	OGDENSBURG-PRESCOTT BRIDGE	119	811	230	-	-	-	1,160	306	1,466	1,564	-
	PEACE BRIDGE	3,502	7,913	1,275	-	19	265	12,974	200	13,174	8,781	-
	RAINBOW, LEWISTON - QUEENSTON, AND WHIRLPOOL RAPIDS BRIDGES	818	10,419	842	-	351	748	13,178	-	13,178	7,746	3,738
	THOUSAND ISLAND BRIDGES	-	2,802	682	-	335	410	4,229	1,389	5,618	8,426	857
	THOMAS E. DEWEY THRUWAY	166,671	124,437	17,616	23,652	7,944	34,913	375,433	-	375,433	177,645	78,322
		TOTAL	288,360	221,920	23,085	23,652	10,691	36,336	604,044	168,180	772,204	236,660
NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	-	18,642	-	-	-	-	18,642	-	18,642	-	-
OHIO	OHIO TURNPIKE	48,706	27,266	12,569	7,401	409	-	96,351	-	96,351	49,593	208
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM (WILL ROGERS TURNPIKE)	146,516	12,578	5,005	4,302	38,656	-	207,057	-	207,057	318,127	49,854
OREGON	ASTORIA-PT. ELLICE BRIDGE	48	465	-	-	121	800	1,434	991	2,425	-	-
PENNSYLVANIA	DELAWARE RIVER BRIDGES	3,809	32,356	6,528	-	13,852	3,040	59,585	17,270	76,855	143,106	27,668
	PENNSYLVANIA TURNPIKE SYSTEM	92,872	80,791	21,147	11,330	63,217	3,940	273,297	-	273,297	1,072,342	66,575
		TOTAL	96,681	113,147	27,675	11,330	77,069	6,980	332,882	17,270	350,152	1,215,448
RHODE ISLAND	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	3,545	1,021	1,170	-	2,097	1,011	8,844	-	8,844	13,210	2,721
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	-	363	-	-	-	-	363	-	363	-	-
TEXAS	MOUNTAIN CREEK LAKE BRIDGE	-	374	181	-	793	480	1,828	-	1,828	989	784
	HOUSTON SHIP CHANNEL BRIDGE	5	1,678	487	-	7,025	2,280	11,475	-	11,475	8,612	12,507
	DALLAS NORTH TOLLWAY	11,671	6,012	1,873	-	31,943	-	51,699	-	51,699	172,967	30,414
		TOTAL	11,676	8,064	2,541	-	39,761	2,760	65,002	-	65,002	182,568
UTAH	JOHN ATLANTIC BURR FERRY	-	170	-	-	-	-	170	-	170	-	-
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL SYSTEM	124	13,211	1,362	-	7,769	12,853	35,319	-	35,319	28,791	6,476
	NORFOLK-VIRGINIA BEACH TOLL ROAD	-	2,840	2,586	-	382	480	6,288	-	6,288	34,783	-
	RICHMOND-PETERSBURG TURNPIKE	24,003	1,800	10,513	-	-	-	36,316	-	36,316	9,189	-
	DULLES TOLL ROAD	26,304	149	4,714	-	3,687	4,200	39,054	-	39,054	42,562	-
	POWHITE PARKWAY EXTENSION TOLL ROAD	33	1,421	2,206	-	5,281	-	8,941	-	8,941	167	-
	JAMESTOWN FERRY	-	4,022	-	-	-	-	4,022	-	4,022	-	-
	TOTAL	50,464	23,443	21,381	-	17,119	17,533	129,940	-	129,940	115,472	6,476
WASHINGTON	PUGET SOUND FERRY SYSTEM	45,129	85,774	577	-	8,418	5,878	145,776	-	145,776	80,976	9,699
	MAPLE STREET (SPOKANE) BRIDGE	-	124	-	-	56	2,330	2,510	-	2,510	-	-
		TOTAL	45,129	85,898	577	-	8,474	8,208	148,286	-	148,286	80,976
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	18,939	11,453	605	1,278	349	44,543	77,167	60,000	137,167	62,523	10,456
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES	238,994	264,583	46,653	14,314	81,621	42,689	708,854	251,456	960,310	795,847	153,207
	TOTAL ROAD FACILITIES	1,093,950	666,293	226,618	103,575	598,448	175,870	2,864,754	251,416	3,116,170	4,928,642	980,976
	TOTAL FERRY FACILITIES	45,489	177,039	2,979	-	9,290	9,946	244,743	-	244,743	82,997	9,699
	GRAND TOTAL	1,378,433	1,127,915	276,250	117,889	689,359	228,505	3,818,351	502,872	4,321,223	5,808,366	1,143,882

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-3B AND 4B ARE CONCERNED SOLELY WITH RECEIPTS AND DISBURSEMENTS FOR STATE AND QUASI-STATE TOLL FACILITIES, INCLUDING (A) THOSE OWNED OR OPERATED BY STATE HIGHWAY AGENCIES, (B) THOSE THE TITLE OF WHICH WILL ULTIMATELY BE VESTED IN THE STATE, AND (C) OTHER MAJOR FACILITIES THAT HAVE MORE THAN LOCAL IMPORTANCE. FORMER TOLL FACILITIES, NOW TOLL-FREE, ARE INCLUDED WHERE BONDED INDEBTEDNESS IS STILL OUTSTANDING. OTHER FACILITIES FOR WHICH NO TOLLS ARE SHOWN WERE UNDER CONSTRUCTION, OR PRELIMINARY COSTS HAD BEEN INCURRED DURING THE YEAR. DATA FOR PUBLIC AND QUASI-PUBLIC

FACILITIES OPERATED BY OR FOR COUNTIES, LOCAL ROAD AND BRIDGE DISTRICTS AND MUNICIPALITIES ARE SHOWN IN TABLES LF-32 AND 42, AND UF-32 AND 42.
2/ INCLUDES COSTS OF TOLL COLLECTION. STATE TOTALS ARE REPORTED ON TABLE SF-4C.
3/ INCLUDES FUNDS OF SPECIAL TOLL AUTHORITIES AS WELL AS STATE HIGHWAY AGENCY FUNDS DEDICATED FOR TOLL FACILITY CONSTRUCTION, MAINTENANCE, OPERATION, AND DEBT SERVICE.

STATE RECEIPTS AND DISBURSEMENTS FOR MASS TRANSPORTATION - 1990

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SMT
OCTOBER 1991

STATE	RECEIPTS								DISBURSEMENTS						
	HIGHWAY- USER TAX REVENUES 1/	ROAD AND CROSSING TOLLS	OTHER IMPOSTS, GENERAL FUND REVENUES	FEDERAL FUNDS	TRANSFERS FROM LOCAL GOVERN- MENTS	BOND PROCEEDS	MISCEL- LANEOUS 2/	TOTAL RECEIPTS	CAPITAL OUTLAY	OPERATING ASSISTANCE	ADMIN- TRATION	DEBT SERVICE	TRANSFER	OTHER	TOTAL DISBURSE- MENTS
ALABAMA	454	--	--	--	--	--	454	--	454	--	--	--	--	--	454
ALASKA	--	--	2,284	--	--	--	2,284	--	1,118	10	1,158	--	--	--	2,284
ARIZONA	--	--	--	1,453	--	--	20,700	22,153	598	471	384	--	20,700	--	22,153
ARKANSAS	--	--	383	2,279	--	--	--	2,662	920	906	653	--	--	183	2,662
CALIFORNIA	66,420	24,883	652,940	35,773	119	--	19,386	799,521	153,863	70,125	13,512	--	529,347	--	766,847
COLORADO	4,052	--	--	--	--	--	4,052	4,052	--	3,205	86	--	--	--	4,053
CONNECTICUT	150,394	--	--	33,283	--	--	1,002	184,679	45,802	110,206	8,892	17,238	--	--	181,938
DELAWARE	18,203	10,733	--	--	--	--	--	28,936	3,534	12,213	13,189	--	--	--	28,936
DIST. OF COL.	--	--	109,606	263	--	--	--	132,555	8,207	110,406	10,331	--	--	3,611	132,555
FLORIDA	74,098	--	--	5,997	--	--	--	80,095	51,604	24,533	3,958	--	--	--	80,095
GEORGIA	4,620	--	179,439	12,222	--	--	--	196,281	1,376	224	3,551	--	191,130	--	196,281
HAWAII	--	--	350	--	--	--	--	350	--	100	250	--	--	--	350
IDAHO	6	--	--	25	--	--	--	31	--	--	31	--	--	--	31
ILLINOIS	--	--	194,982	6,200	--	54,071	--	255,253	75,800	194,308	1,132	--	--	--	271,240
INDIANA	--	--	19,947	3,333	--	--	--	23,280	671	22,318	289	--	--	--	23,279
IOWA	6,975	--	5,388	4,798	--	--	--	17,141	91	15,317	1,733	--	--	--	17,141
KANSAS	415	--	--	1,104	--	--	--	1,519	1,294	200	222	--	--	--	1,716
KENTUCKY	--	--	840	2,112	--	--	--	2,952	448	351	325	--	1,827	--	2,951
LOUISIANA	1,570	--	--	6,019	--	--	--	7,589	2,018	5,569	2	--	--	--	7,589
MAINE	--	--	949	2,245	--	--	--	3,194	1,484	1,567	143	--	--	--	3,194
MARYLAND	--	--	170,404	129,767	--	--	68,787	368,958	167,624	188,279	13,055	--	--	--	368,958
MASSACHUSETTS	173,817	--	419,382	3,452	--	--	1,188	597,839	1,013	475,059	2,502	119,265	--	--	597,839
MICHIGAN	110,945	--	32,023	100	--	--	5,600	148,668	20,843	130,793	9,560	20,668	--	--	181,864
MINNESOTA	3,355	--	10,472	3,790	--	--	--	17,617	--	17,384	234	--	--	--	17,618
MISSISSIPPI	19	--	13	75	--	--	--	107	--	--	107	--	--	--	107
MISSOURI	--	--	3,787	--	--	--	--	3,787	--	3,702	85	--	--	--	3,787
MONTANA	153	--	--	--	--	--	--	153	--	142	11	--	--	--	153
NEBRASKA	2,426	--	--	500	--	--	--	2,926	305	2,454	167	--	--	--	2,926
NEVADA	390	--	--	395	--	--	--	785	633	87	65	--	--	--	785
NEW HAMPSHIRE	1,167	--	--	1,786	--	--	--	2,953	442	2,493	17	--	--	--	2,952
NEW JERSEY	67,654	--	46,131	8,909	--	--	300,829	423,523	180,793	231,044	20	11,666	--	--	423,523
NEW MEXICO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NEW YORK	--	57,903	1,098,930	28,478	--	10,200	128,274	1,323,785	170,724	1,057,554	1,515	79,165	14,829	--	1,323,787
NORTH CAROLINA	11,035	--	--	--	--	--	--	11,035	6,290	1,103	3,641	--	--	--	11,034
NORTH DAKOTA	52	--	--	976	--	--	--	1,028	275	647	107	--	--	--	1,029
OHIO	--	--	26,902	13,152	--	--	--	40,054	8,811	30,776	466	--	--	--	40,053
OKLAHOMA	--	--	--	2,656	--	--	--	2,656	--	2,677	--	--	--	--	2,677
OREGON	--	--	9,049	2,330	70	--	--	11,449	1,448	9,359	843	--	--	--	11,450
PENNSYLVANIA	5,782	12,740	258,176	9,537	--	--	142,057	428,292	69,022	351,604	3,359	4,308	--	--	428,293
RHODE ISLAND	12,908	--	--	9,752	--	--	--	22,660	6,018	15,254	130	1,259	--	--	22,661
SOUTH CAROLINA	2,871	--	811	4,004	--	--	--	7,486	4,429	2,771	285	--	--	--	7,485
SOUTH DAKOTA	103	--	--	907	435	--	--	1,445	241	699	505	--	--	--	1,445
TENNESSEE	9,860	--	--	3,036	224	--	--	13,120	2,424	7,658	3,033	--	--	--	13,115
TEXAS	7,812	--	--	13,672	--	--	--	21,484	19,110	3,532	537	--	--	--	23,179
UTAH	--	--	28,262	5,348	--	--	6,700	40,310	4,480	27,830	7,400	--	600	--	40,310
VERMONT 3/	--	--	--	--	--	--	669	669	27	557	85	--	--	--	669
VIRGINIA	--	--	90,024	2,391	--	--	1,082	93,497	21,016	66,321	1,679	--	--	1,084	90,110
WASHINGTON	158,626	--	--	4,449	--	--	--	163,568	41,177	647	811	--	115,778	230	158,643
WEST VIRGINIA	--	--	1,262	--	--	--	--	1,262	684	578	--	--	--	--	1,262
WISCONSIN	51,556	--	--	3,459	--	--	--	55,015	660	51,892	2,464	--	--	--	55,016
WYOMING	--	--	--	1,578	--	--	--	1,578	648	550	624	--	--	56	1,878
TOTAL 3/	947,738	106,259	3,362,516	371,605	848	76,010	707,712	5,572,888	1,077,609	3,257,038	111,600	254,725	874,211	5,174	5,580,357

1/ HIGHWAY-USER TAX REVENUES INCLUDE MOTOR-FUEL AND MOTOR-VEHICLE REVENUE.
2/ INCLUDES THE FOLLOWING: AZ [\$20,700,000 - LOTTERY FUND], DC [\$10,9947,000 - PARKING METER FEES], MD [\$68,786,847 - FARES], NJ [\$300,829,466 - FARES], NY [\$128,274,000 - FARES], PA [\$126,441,161 -

LOTTERY FUND AND \$15,615,639 - FARES], AND UT [\$6,700,000 - FARES].
3/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

CHANGE IN INDEBTEDNESS DURING YEAR¹
COUNTY, TOWNSHIP OBLIGATIONS FOR HIGHWAYS - 1989

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LB-2
SEPTEMBER 1991

STATE	TOTAL DEBT OUTSTANDING AT BEGINNING OF YEAR 2/	LONG TERM DEBT					SHORT TERM DEBT					TOTAL DEBT OUTSTANDING AT END OF YEAR		
		AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR	AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR	
			ORIGINAL	REFUNDING BONDS, FUNDING NOTES	FROM CURRENT OR SINKING FUNDS	BY REFUNDING			ORIGINAL	EXTENSIONS	FROM CURRENT OR SINKING FUNDS			BY EXTENSIONS OR FUNDING
ALABAMA 3/	56,197	54,176	30,285	-	12,914	-	71,547	2,021	3,612	-	652	-	4,961	76,528
ALASKA 4/	95,083	95,083	-	-	8,000	-	87,083	-	-	-	-	-	-	87,083
ARIZONA	95,178	95,178	23,467	-	5,940	-	112,705	-	-	-	-	-	-	112,705
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	26,007	26,007	127,566	-	8,132	-	145,441	-	-	-	-	-	-	145,441
COLORADO	878,734	878,606	2,239	-	3,919	-	876,926	128	252	-	131	-	249	877,175
CONNECTICUT	1,623	1,553	4,269	-	308	-	5,514	70	486	-	219	-	337	5,851
DELAWARE 3/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	475,920	468,115	61,241	-	256,123	-	273,233	7,805	49,115	-	17,091	-	39,829	313,062
GEORGIA	150,484	150,484	1,194	-	17,095	-	134,582	-	-	-	-	-	-	134,582
HAWAII	1,563	1,563	-	-	76	-	1,487	-	-	-	-	-	-	1,487
IDAHO	65	65	-	-	3	-	62	-	-	-	-	-	-	62
ILLINOIS	11,613	3,700	30,000	-	1,850	-	31,850	7,913	13,000	-	16,000	-	4,913	36,763
INDIANA	11,405	11,405	-	-	1,149	-	10,256	-	-	-	-	-	-	10,256
IOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	77,945	77,512	4,708	-	27,985	-	54,235	433	-	-	43	-	390	54,625
KENTUCKY	4,026	3,420	222	-	893	-	2,749	606	1,176	-	650	-	1,132	3,881
LOUISIANA	161,009	160,951	4,001	-	7,633	-	157,319	58	-	-	48	-	10	157,329
MAINE	749	718	27	-	263	-	482	31	48	-	25	-	54	536
MARYLAND 3/ 4/	342,332	341,872	5,000	-	40,000	-	306,872	460	-	-	230	-	230	307,102
MASSACHUSETTS	4,292	2,165	227	-	503	-	1,869	2,127	6,145	-	5,040	-	3,233	5,122
MICHIGAN	45,499	39,383	5,000	-	10,000	-	34,383	6,116	-	-	3,058	-	3,058	37,441
MINNESOTA 4/	53,851	47,364	4,000	-	10,000	-	41,364	6,487	-	-	690	-	5,797	47,161
MISSISSIPPI	68,246	67,454	300	-	16,582	-	51,202	762	5,481	-	4,504	-	1,739	52,941
MISSOURI	81,938	69,622	13,090	-	8,126	-	74,586	12,316	1,044	-	8,376	-	4,984	79,570
MONTANA	427	427	-	-	43	-	384	-	-	-	-	-	-	384
NEBRASKA	37,573	37,408	-	-	2,960	-	34,448	165	57	-	55	-	167	34,615
NEVADA 4/	110,488	110,488	5,000	-	12,000	-	103,488	-	-	-	-	-	-	103,488
NEW HAMPSHIRE 4/	14,549	4,582	-	-	500	-	4,082	9,967	-	-	2,000	-	7,967	12,049
NEW JERSEY	42,609	11,459	1,306	-	2,760	-	10,005	31,150	25,000	-	31,150	-	25,000	35,005
NEW MEXICO 4/	10,201	10,201	-	-	1,000	-	9,201	-	-	-	-	-	-	9,201
NEW YORK	410,435	353,977	36,518	-	55,328	-	334,157	56,458	26,480	-	36,630	-	46,308	380,475
NORTH CAROLINA 3/ 4/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA	934	703	306	-	300	-	709	231	50	-	206	-	75	784
OHIO	22,001	6,423	1,514	44	2,239	-	7,742	13,578	9,151	132	7,361	-	15,490	23,232
OKLAHOMA	7,557	7,111	1,950	-	4,041	-	5,020	446	1,202	-	487	-	1,161	6,181
OREGON	38,210	38,865	969	-	4,188	-	33,666	1,325	2,000	-	1,325	-	2,000	35,666
PENNSYLVANIA	41,315	41,315	18,563	-	14,883	-	44,995	-	-	-	-	-	-	44,995
RHODE ISLAND 4/	219	219	-	-	30	-	189	-	-	-	-	-	-	189
SOUTH CAROLINA	984	950	393	-	643	-	700	34	-	-	2	-	32	732
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	30,183	21,293	1,840	-	2,449	-	20,684	8,890	2,337	-	2,027	-	9,200	29,884
TEXAS	1,960,059	1,950,051	73,016	-	40,488	-	1,992,579	8	-	-	1	-	7	1,992,586
UTAH	940	940	-	-	100	-	840	-	-	-	-	-	-	840
VERMONT	3,882	3,665	778	-	1,078	-	3,365	217	291	-	194	-	314	3,679
VIRGINIA 3/ 4/	103,600	103,600	86,810	-	10,000	-	180,410	-	-	-	-	-	-	180,410
WASHINGTON	98,358	98,358	5,045	-	9,109	-	94,294	-	-	-	-	-	-	94,294
WEST VIRGINIA 3/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	81,154	81,154	19,762	-	14,885	-	86,031	-	-	-	-	-	-	86,031
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5,659,437	5,489,635	570,806	44	617,519	-	5,442,766	169,802	146,938	132	138,215	-	178,657	5,621,423

1/ THIS TABLE SHOWS THE CHANGE IN STATUS OF THE HIGHWAY OBLIGATIONS OF COUNTY AND TOWNSHIP GOVERNMENTS INCLUDING TOLL AUTHORITIES. REFER TO NOTE 1 OF TABLE LF-1 FOR ADDITIONAL INFORMATION ON THE LOCAL HIGHWAY FINANCE SERIES.

2/ ANY DIFFERENCE BETWEEN AMOUNT OUTSTANDING AT THE BEGINNING OF THE YEAR AND THE AMOUNT OUTSTANDING AT THE END OF THE PREVIOUS YEAR MAY HAVE RESULTED FROM ONE OF THE FOLLOWING: CHANGES IN COUNTY-TOWNSHIP OR MUNICIPAL CLASSIFICATIONS, ACCOUNTING ADJUSTMENTS, CHANGE IN REPORTING YEAR, ETC.

3/ COUNTY ROADS ARE UNDER STATE CONTROL IN DELAWARE (EXCEPT TRANSACTIONS UNDER PROVISIONS OF THE 1945 SUBURBAN COMMUNITY ROAD ACT), NORTH CAROLINA, WEST VIRGINIA, TENNESSEE, AND IN MARYLAND THE STATE PERFORMS THE HIGHWAY FUNCTION IN SIX COUNTIES. DATA FOR THESE SYSTEMS ARE INCLUDED IN THE STATE HIGHWAY FINANCE SERIES. FAIRFAX COUNTY, VIRGINIA ISSUED SEVERAL HUNDRED MILLION DOLLARS OF COUNTY HIGHWAY BONDS IN THE 1980'S.

4/ ESTIMATED BY FHWA.

RECEIPTS OF MUNICIPALITIES FOR HIGHWAYS - 1989

TABLE UF-1 SEPTEMBER 1991
COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS (THOUSANDS OF DOLLARS)

Table with columns: STATE, LOCAL REVENUES (PROPERTY TAXES, GENERAL FUND APPROPRIATIONS, LOCAL HIGHWAY USER REVENUES, OTHER LOCAL IMPOSTS, ROAD AND CROSSING TOLLS, MISCELLANEOUS, TOTAL), PAYMENTS FROM OTHER GOVERNMENTS (COUNTRIES AND TOWNSHIPS, HIGHWAY-USER IMPOSTS, OTHER, FEDERAL \$/), BONDS AND NOTES, and TOTAL RECEIPTS. Rows include ALABAMA, ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, CONNECTICUT, DELAWARE, FLORIDA, GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MAINE, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, MONTANA, NEBRASKA, NEVADA, NEW HAMPSHIRE, NEW JERSEY, NEW MEXICO, NEW YORK, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, RHODE ISLAND, SOUTH CAROLINA, SOUTH DAKOTA, TENNESSEE, TEXAS, UTAH, VERMONT, VIRGINIA, WASHINGTON, WEST VIRGINIA, WISCONSIN, WYOMING, and a TOTAL row.

1/ THIS TABLE IS ONE OF THE MUNICIPAL GOVERNMENT STREET FINANCE SERIES TABLES...
2/ THE CLASSIFICATION OF PROPERTIES, TAXES AND GENERAL FUND APPROPRIATIONS IS NOT ALWAYS COMPLETE...
3/ INCLUDES APPROPRIATIONS FROM STATE GENERAL FUNDS, SALES TAXES, BOND PROCEEDS AND MISCELLANEOUS STATE TAXES...

CHANGE IN INDEBTEDNESS DURING YEAR¹

MUNICIPAL OBLIGATIONS FOR HIGHWAYS - 1989

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UB-2
SEPTEMBER 1991

STATE	TOTAL DEBT OUTSTANDING AT BEGINNING OF YEAR 2/	LONG TERM DEBT						SHORT TERM DEBT					TOTAL DEBT OUTSTANDING AT END OF YEAR	
		AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR	AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED			AMOUNT OUTSTANDING AT END OF YEAR
			ORIGINAL	REFUNDING BONDS, OR FUNDING NOTES	FROM CURRENT OR SINKING FUNDS	BY REFUNDING			ORIGINAL	EXTENSIONS	FROM CURRENT OR SINKING FUNDS	BY EXTENSIONS OR FUNDING		
ALABAMA	31,360	31,167	3,349	-	2,270	-	32,246	193	821	-	200	-	814	33,060
ALASKA 3/	125,268	125,264	7,000	-	8,800	-	123,464	4	-	-	2	-	2	123,466
ARIZONA	456,892	456,613	137,363	-	33,606	-	560,370	279	438	-	136	-	581	560,951
ARKANSAS	8,840	8,840	-	-	1,725	-	7,115	-	-	-	-	-	-	7,115
CALIFORNIA	580,067	572,837	34,857	-	61,498	-	545,796	7,430	4,750	-	7,430	-	4,750	550,548
COLORADO	220,883	212,523	35,776	23,190	17,173	22,344	232,072	8,260	913	-	3,621	-	5,652	237,624
CONNECTICUT	55,559	53,448	10,436	-	5,123	-	58,761	2,111	1,935	-	572	-	3,474	62,235
DELAWARE	10,716	9,814	795	-	3,398	-	7,211	902	419	-	29	-	1,292	8,503
FLORIDA	138,333	133,087	31,953	-	50,202	-	114,838	5,246	-	-	5,246	-	-	114,838
GEORGIA	25,842	25,842	5,902	-	2,246	-	29,499	-	-	-	-	-	-	29,499
HAWAII	59,892	59,892	16,903	-	4,009	-	72,786	-	-	-	-	-	-	72,786
IDAHO	1,641	1,641	-	-	82	-	1,559	-	-	-	-	-	-	1,559
ILLINOIS	167,540	166,870	12,000	-	5,640	-	173,230	670	150	-	130	-	690	173,920
INDIANA	67,470	67,470	-	-	4,080	-	63,390	-	-	-	-	-	-	63,390
IOWA	279,493	279,493	44,130	-	43,709	-	279,914	-	-	-	-	-	-	279,914
KANSAS	190,217	186,960	33,249	-	47,088	-	173,121	3,257	27,406	-	5,139	-	25,524	198,645
KENTUCKY	4,396	4,326	-	-	1,193	-	3,133	70	-	-	69	-	1	3,134
LOUISIANA	323,797	323,797	7,042	-	21,105	-	309,734	-	-	-	-	-	-	309,734
MAINE	34,379	33,569	13,251	-	3,927	-	42,893	810	144	-	719	-	235	43,128
MARYLAND 3/	123,354	123,354	6,000	-	13,000	-	116,354	-	-	-	-	-	-	116,354
MASSACHUSETTS	70,537	66,817	32,229	-	11,554	-	87,492	3,720	16,422	-	9,355	-	10,787	98,279
MICHIGAN 3/	87,524	87,524	5,000	-	10,000	-	82,524	-	-	-	-	-	-	82,524
MINNESOTA	633,801	633,801	92,318	-	66,812	-	659,307	-	-	-	-	-	-	659,307
MISSISSIPPI	111,226	111,226	39,136	-	8,467	-	141,835	-	71	-	40	-	31	141,926
MISSOURI	84,457	84,457	9,056	-	6,919	-	86,594	-	-	-	-	-	-	86,594
MONTANA	22,549	22,549	1,280	-	131	-	23,899	-	-	-	-	-	-	23,899
NEBRASKA	196,556	189,239	1,442	3,833	22,963	6,307	164,235	10,326	4,442	-	3,785	-	10,983	175,218
NEVADA 3/	6,526	6,526	-	-	650	-	5,876	-	-	-	-	-	-	5,876
NEW HAMPSHIRE 3/	21,249	21,158	-	-	2,500	-	18,658	91	-	-	46	-	45	18,703
NEW JERSEY	220,600	4,024	3,723	-	3,083	-	4,664	216,576	378,129	-	316,793	-	277,972	282,636
NEW MEXICO 3/	11,511	11,511	26,000	-	4,000	-	33,511	-	-	-	-	-	-	33,511
NEW YORK	1,913,442	1,828,914	436,441	-	62,288	-	2,203,067	84,528	61,782	-	53,344	-	92,966	2,296,033
NORTH CAROLINA	127,156	127,107	66,099	-	6,789	-	184,417	49	1,055	-	10	-	1,094	185,511
NORTH DAKOTA	117,174	117,174	10,437	-	13,223	-	114,388	-	-	-	-	-	-	114,388
OHIO	267,375	160,185	21,516	4,846	18,044	-	168,503	107,190	43,071	18,596	42,841	-	125,016	294,519
OKLAHOMA	80,317	80,317	37,042	-	8,270	-	109,089	-	-	-	-	-	-	109,089
OREGON	110,906	105,519	4,351	-	21,992	-	87,878	5,389	9,411	-	7,316	-	7,484	95,362
PENNSYLVANIA	100,457	100,457	8,569	-	29,647	-	79,379	-	-	-	-	-	-	79,379
RHODE ISLAND 3/	54,409	54,409	-	-	6,400	-	48,009	-	-	-	-	-	-	48,009
SOUTH CAROLINA	3,678	3,640	-	-	182	-	3,458	38	-	-	2	-	35	3,494
SOUTH DAKOTA	13,337	13,337	4,199	-	2,286	-	15,250	-	-	-	-	-	-	15,250
TENNESSEE	94,845	94,707	-	-	10,214	-	84,493	138	200	-	34	-	304	84,797
TEXAS	2,564,997	2,564,997	193,062	-	160,856	-	2,597,203	-	-	-	-	-	-	2,597,203
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT	369	369	3,620	-	203	-	3,786	-	69	-	8	-	61	3,847
VIRGINIA 3/	462,973	462,973	30,000	-	34,035	-	458,938	-	-	-	-	-	-	458,938
WASHINGTON	143,577	143,577	17,274	-	20,548	-	140,303	-	-	-	-	-	-	140,303
WEST VIRGINIA 4/	5,363	5,363	15,000	-	2,082	-	18,281	-	-	-	-	-	-	18,281
WISCONSIN	453,387	453,387	64,723	-	56,504	-	461,606	-	-	-	2	-	2	461,606
WYOMING	6,222	6,218	85	-	2,566	-	3,747	4	-	-	-	-	-	3,749
TOTAL	10,894,461	10,437,180	1,522,408	31,869	925,072	28,651	11,037,734	457,281	551,628	18,596	456,809	-	570,696	11,608,430

1/ THIS TABLE RECORDS THE CHANGE DURING THE YEAR IN HIGHWAY INDEBTEDNESS OF LOCAL MUNICIPAL GOVERNMENTS INCLUDING THAT OF MUNICIPAL TOLL AUTHORITIES. SEE TABLE LF-1.
NOTE 1/ FOR ADDITIONAL INFORMATION ON THE LOCAL HIGHWAY FINANCE SERIES.
2/ ANY DIFFERENCE BETWEEN AMOUNT OUTSTANDING AT THE BEGINNING OF THE YEAR AND THE AMOUNT OUTSTANDING AT THE END OF THE PREVIOUS YEAR MAY HAVE RESULTED FROM: CHANGES IN

COUNTY-TOWNSHIP AND MUNICIPAL CLASSIFICATIONS, ACCOUNTING ADJUSTMENTS, CHANGE IN REPORTING YEAR, ETC.
3/ ESTIMATED BY FHWA.
4/ 1990 DATA.

LOCAL GOVERNMENT HIGHWAY CAPITAL OUTLAY -- 1989¹
CLASSIFIED BY FUNCTIONAL SYSTEM

TABLE LGF-12
OCTOBER, 1991

STATE	(THOUSANDS OF DOLLARS)										TOTAL	COLLECTOR	TOTAL
	IN RURAL AREAS					IN URBAN AREAS 2/							
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	INTERSTATE	FREeways AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	
ALABAMA 3/	-	-	-	19,243	1,791	21,034	-	-	-	5,056	1,942	6,998	
ALASKA	-	-	-	283	-	283	-	-	-	-	1,612	1,612	
ARIZONA	-	-	-	12,305	10,753	23,058	-	-	110,467	12,065	9,603	132,135	
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA	-	-	3	31,814	12,849	44,666	5,863	8,522	376,732	194,773	49,076	634,966	
COLORADO	-	-	-	-	-	-	-	-	413	-	28,539	28,539	
CONNECTICUT	-	-	-	1,635	2,872	4,507	-	-	-	3,224	14,799	18,436	
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGIA	-	5,011	4,100	6,226	7,588	22,925	-	-	13,061	25,756	11,407	50,224	
HAWAII	-	-	1,220	1,289	1,598	4,107	-	-	5,954	2,984	7,368	16,306	
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA	-	-	1,094	4,532	6,407	12,033	-	391	8,642	6,931	12,447	28,411	
IOWA	-	-	-	74,281	10,837	85,118	-	-	16,855	24,334	20,850	62,039	
KANSAS	-	14	55	5,294	604	5,967	-	56	3,666	3,344	2,684	9,750	
KENTUCKY	-	-	-	-	155	155	-	-	45	1,089	3,018	4,152	
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-	
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS	-	-	404	5,202	5,085	10,691	-	-	11,628	12,466	14,472	38,566	
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	
MISSOURI	-	-	-	-	-	-	-	197	17,898	43,368	14,333	75,796	
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA	-	-	166	14,989	4,377	19,532	-	8,447	765	23,667	7,506	40,385	
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE	-	-	-	1,630	-	1,630	-	-	3,245	6,931	2,240	12,416	
NEW JERSEY	-	-	558	1,302	4,652	6,512	-	-	-	9,005	372	9,377	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA 3/	-	28	31	191	70	320	-	237	2,540	5,969	6,566	15,342	
NORTH DAKOTA	-	-	-	10,582	5,320	15,902	-	-	783	1,190	563	2,536	
OHIO	-	-	-	13,131	22,330	35,461	-	-	12,919	34,319	38,202	85,440	
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA	-	-	-	9,991	11,109	21,100	-	-	-	4,521	3,228	7,749	
TENNESSEE	-	-	-	-	45,632	45,632	-	919	15,850	4,365	10,794	31,928	
TEXAS	-	19	2,194	5,018	8,023	15,235	398	106,386	195,293	70,839	6,976	379,892	
UTAH	-	-	-	1,700	3,300	5,000	-	-	600	5,500	6,900	13,000	
VERMONT	-	17	66	2,298	2,887	5,268	-	34	747	1,391	2,257	4,429	
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	
WEST VIRGINIA	-	-	-	333	31,026	31,359	-	-	27,679	32,377	26,509	86,565	
WISCONSIN	-	-	-	-	-	-	-	-	-	211	795	1,006	
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	-	5,089	9,891	223,762	213,023	451,765	6,261	125,189	828,810	539,208	453,005	1,952,473	

1/ TABLE LGF-12 SHOWS CAPITAL OUTLAY BY FUNCTIONAL SYSTEM, DUE TO THE VARIED METHODS USED TO DEVELOP THESE DATA, THE LEVEL OF CONFIDENCE CANNOT BE ASCERTAINED.
2/ URBAN AREAS INCLUDE SMALL URBAN AND URBANIZED AREAS.
3/ 1980 DATA.

RECEIPTS OF COUNTY TOLL FACILITIES - 1989¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-32
SEPTEMBER 1991

STATE	NAME OF FACILITY	OPERATING AUTHORITY	ROAD AND CROSSING TOLLS	NET INVESTMENT INCOME	CONCESSIONS AND RENTALS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
CALIFORNIA	GOLDEN GATE BRIDGE	GOLDEN GATE BRIDGE AND HIGHWAY DISTRICT	31,696	1,375	-	991	-	34,062
COLORADO	E-470 BELTWAY 2/	E-470 AUTHORITY	-	5,578	-	23,996	-	29,574
FLORIDA	BISCAYNE KEY (TRICKENBACKER) CAUSEWAY 3/ CARD SOUND TOLL BRIDGE 3/ SANIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY VENETIAN CAUSEWAY 4/	DADE COUNTY PORT AUTHORITY MONROE COUNTY LEE COUNTY DADE COUNTY PORT AUTHORITY	4,039 927 5,073 575	539 132 - -	- - - -	115 1,451 - -	- - - -	4,693 2,510 5,073 575
	TOTAL		10,614	671	-	1,566	-	12,851
ILLINOIS	NEW HARMONY BRIDGE	WHITE COUNTY BRIDGE COMMISSION	275	-	8	5	-	288
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	GREATER NEW ORLEANS EXPRESSWAY COMMISSION	6,166	4,199	-	5/ 5,207	-	15,572
MICHIGAN	DRUMMOND ISLAND FERRY IRONTON FERRY	CHIPPEWA COUNTY ROAD COMMISSION CHARLEVOIX COUNTY ROAD COMMISSION	590 90	- -	- -	486 47	- -	1,076 137
	TOTAL		680	-	-	533	-	1,213
MISSOURI	PLATTE PURCHASE BRIDGE ST. FRANCISVILLE BRIDGE	PLATTE COUNTY WAYLAND SPECIAL ROAD DISTRICT	390 266	11 10	10 -	- 90	- -	411 366
	TOTAL		656	21	10	90	-	777
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	BURT COUNTY BRIDGE COMMISSION	213	17	8	-	-	238
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE TACONY-PALMYRA BRIDGE CAPE MAY COUNTY BRIDGES	BURLINGTON COUNTY BRIDGE COMMISSION BURLINGTON COUNTY BRIDGE COMMISSION CAPE MAY BRIDGE COMMISSION	2,706 6,254 2,915	- 477 97	- - -	- 10 138	- - -	2,706 6,741 3,150
	TOTAL		11,875	574	-	148	-	12,597
NEW YORK	ATLANTIC BEACH BRIDGE	NASSAU COUNTY BRIDGE AUTHORITY	2,838	290	-	50	-	3,178
OREGON	BUENA VISTA FERRY WHEATLAND FERRY CANBY FERRY	POLK COUNTY ROAD DEPARTMENT MARION COUNTY ROAD DEPARTMENT CLACKAMAS COUNTY ROAD DEPARTMENT	5 105 45	- - -	- - -	41 85 -	- - -	46 190 45
	TOTAL		155	-	-	126	-	281
PENNSYLVANIA	FREDERICKTOWN FERRY	FAYETTE/WASHINGTON COUNTY JOINT FERRY SERVICE	22	-	-	-	-	22
TENNESSEE	SALTILLO FERRY	HARDIN COUNTY HIGHWAY DEPARTMENT	10	-	-	37	-	47
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE ROMA INTERNATIONAL TOLL BRIDGE SAN LUIS PASS-VACEK BRIDGE HARRIS COUNTY TOLL ROAD 2/	CAMERON COUNTY STARR COUNTY GALVESTON COUNTY HARRIS COUNTY TOLL ROAD AUTHORITY	3,388 729 366 29,172	- - - 19,243	- - - -	173 - 310 -	- - - -	3,561 729 676 48,415
	TOTAL		33,655	19,243	-	483	-	53,381
WASHINGTON	GUEMES ISLAND FERRY LUMMI ISLAND-GOOSEBERRY POINT FERRY PUGET ISLAND FERRY STEILACOOM (TACOMA-MCNEIL-ANDERSON) FERRY	SKAGIT COUNTY WHATCOM COUNTY WAHKIACUM COUNTY PIERCE COUNTY	248 330 105 357	- - - -	- - - -	413 276 176 651	- - - -	661 606 281 1,008
	TOTAL		1,040	-	-	1,516	-	2,556
GRAND TOTAL			99,895	31,968	26	34,748	-	166,637

1/ THIS TABLE IS CONCERNED WITH THE RECEIPTS FOR PUBLICLY OWNED TOLL FACILITIES OPERATED BY COUNTY GOVERNMENTS, LOCAL ROAD AND BRIDGE DISTRICTS AND SPECIALLY CREATED AUTHORITIES. FACILITIES OWNED BY COUNTIES BUT LOCATED IN URBAN AREAS ARE ALSO INCLUDED. FOR ADDITIONAL INFORMATION ON LOCAL HIGHWAY FINANCE SERIES, SEE NOTE 1 OF TABLE LF-1.

2/ UNDER CONSTRUCTION.
3/ 1990 DATA.
4/ ESTIMATED BY FHWA.
5/ INCLUDES \$5.1 MILLION FROM STATE HIGHWAY FUND NUMBER 2.

DISBURSEMENTS FOR COUNTY TOLL FACILITIES - 1989¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-42
SEPTEMBER 1991

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	ADMINISTRATION AND MISCELLANEOUS	TRAFFIC POLICE	INTEREST	DEBT RETIREMENT	SUBTOTAL CURRENT DISBURSEMENTS	TRANSFERS 2/	TOTAL DISBURSEMENTS	DEBT OUTSTANDING	
											BEGINNING OF YEAR	AT END OF YEAR
CALIFORNIA	GOLDEN GATE BRIDGE	5,863	16,220	1,000	-	-	-	23,083	3/ 10,979	34,062	-	-
COLORADO	E-470 BELTWAY 4/	26,539	-	1,974	-	5,177	-	35,690	-	35,690	64,710	64,710
FLORIDA	BISCAYNE KEY (RICKENBACKER) CAUSEWAY 5/ CARD SOUND TOLL BRIDGE 5/ SANIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY VENETIAN CAUSEWAY 6/	- - 4	2,016 721 1,341 450	- - - 225	- - - -	1,133 - - -	965 893 - -	4,114 1,614 1,341 679	- 341 - -	4,114 1,955 1,341 679	16,690 903 6,039 -	16,080 10 6,039 -
	TOTAL	4	4,528	225	-	1,133	1,858	7,748	341	8,089	23,632	22,129
ILLINOIS	NEW HARMONY BRIDGE	-	264	64	-	-	-	328	-	328	-	-
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	5,134	2,191	2,983	710	5,504	750	17,272	-	17,272	62,400	61,650
MICHIGAN	DRUMMOND ISLAND FERRY IRONTON FERRY	- -	698 81	165 4	- -	- -	- -	863 85	101 -	964 85	- -	- -
	TOTAL	-	779	169	-	-	-	948	101	1,049	-	-
MISSOURI	PLATTE PURCHASE BRIDGE ST. FRANCISVILLE BRIDGE	- -	164 55	77 77	- -	120 -	144 -	505 132	- 205	505 337	2,407 -	2,263 -
	TOTAL	-	219	154	-	120	144	637	205	842	2,407	2,263
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	-	98	14	-	-	58	170	-	170	1,094	1,036
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE TACONY-PALMYRA BRIDGE CAPE MAY COUNTY BRIDGES	- 10 -	2,586 4,492 1,423	375 1,127 599	376 835 -	- - 13	- - 360	3,337 6,454 2,405	5 46 -	3,342 6,500 2,405	- - 365	- - 5
	TOTAL	10	8,501	2,101	1,211	13	360	12,196	51	12,247	365	5
NEW YORK	ATLANTIC BEACH BRIDGE	-	1,515	769	-	251	30	2,565	-	2,565	1,870	1,840
OREGON	SUENA VISTA FERRY WHEATLAND FERRY CANBY FERRY	- - -	44 164 278	3 26 -	- - -	- - -	- - -	47 190 278	- - -	47 190 278	- - -	- - -
	TOTAL	-	486	29	-	-	-	515	-	515	-	-
PENNSYLVANIA	FREDERICKTOWN FERRY	-	26	3	-	-	-	29	-	29	-	-
TENNESSEE	SALTILLO FERRY	-	45	2	-	-	-	47	-	47	-	-
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE ROMA INTERNATIONAL TOLL BRIDGE SAN LUIS PASS-VACEK BRIDGE HARRIS COUNTY TOLL ROAD 4/	613 - 5 94,045	558 122 183 6,361	115 102 35 3,148	- - - -	3 72 93 88,976	4 20 200 1,186	1,293 316 516 193,716	2,400 568 - -	3,693 884 516 193,716	40 965 1,550 1,111,343	36 945 1,350 1,110,157
	TOTAL	94,663	7,224	3,400	-	89,144	1,410	195,841	2,968	198,809	1,113,898	1,112,488
WASHINGTON	DUEMES ISLAND FERRY LUMMI ISLAND-GOOSEBERRY POINT FERRY PUGET ISLAND FERRY STEILACOOM (TACOMA-MCNEIL-ANDERSON) FERRY	- 46 - 287	662 560 281 721	- - - -	- - - -	- - - -	- - - -	662 606 281 1,008	- - - -	662 606 281 1,008	- - - -	- - - -
	TOTAL	333	2,224	-	-	-	-	2,557	-	2,557	-	-
GRAND TOTAL		134,546	44,320	12,887	1,921	101,342	4,610	299,626	14,645	314,271	1,270,376	1,266,121

1/ THIS TABLE IS CONCERNED WITH THE DISBURSEMENTS FOR PUBLICLY OWNED TOLL FACILITIES OPERATED BY COUNTY GOVERNMENTS, LOCAL ROAD AND BRIDGE DISTRICTS AND SPECIALLY CREATED AUTHORITIES. REFER TO TABLE LF-32 FOR NAMES OF OPERATING AUTHORITIES. FOR ADDITIONAL INFORMATION ON LOCAL HIGHWAY FINANCE SERIES, REFER TO THE INITIAL NOTES OF TABLES LF-1 AND LF-32.

2/ PAYMENTS TO COUNTY GENERAL FUNDS FOR HIGHWAY AND OTHER PURPOSES.
3/ FOR MASS TRANSPORTATION PURPOSES.
4/ UNDER CONSTRUCTION.
5/ 1990 DATA.
6/ ESTIMATED BY FHWA.

RECEIPTS OF MUNICIPAL TOLL FACILITIES - 1989¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-32
SEPTEMBER 1991

STATE	NAME OF FACILITY	OPERATING AUTHORITY	ROAD AND CROSSING TOLLS	NET INVESTMENT INCOME	CONCESSIONS AND RENTALS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
COLORADO	PIKES PEAK TOLL HIGHWAY	CITY OF COLORADO SPRINGS	1,137	56	-	8	-	1,201
FLORIDA	BROAD CAUSEWAY 2/ CLEARWATER TOLL BRIDGE 2/ TREASURE ISLAND CAUSEWAY 3/ TOTAL	TOWN OF BAY HARBOR ISLANDS	1,750	110	61	3	-	1,924
		CITY OF CLEARWATER	920	120	-	200	-	1,240
		CITY OF TREASURE ISLAND	1,396	287	-	-	553	2,236
	TOTAL		4,066	517	61	203	553	5,400
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE MCKINLEY BRIDGE ROCK ISLAND CENTENNIAL BRIDGE TOTAL	CITY OF CHICAGO	15,823	441	34	1,919	-	18,217
		CITY OF VENICE	2,899	13	250	20	-	3,182
		CITY OF ROCK ISLAND	1,513	103	-	-	-	1,616
		TOTAL	20,235	557	284	1,939	-	23,015
IOWA	MACARTHUR (BURLINGTON) BRIDGE	CITY OF BURLINGTON	870	173	-	-	-	1,043
MISSOURI	BROADWAY BRIDGE	CITY OF KANSAS CITY	1,739	493	-	-	-	2,232
NEBRASKA	BELLEVUE BRIDGE	BELLEVUE BRIDGE COMMISSION	466	7	2	-	-	475
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS 4/ BATTERY STATEN ISLAND FERRY TOTAL	TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY	590,001	35,360	13,102	-	-	638,463
		CITY OF NEW YORK	3,174	1,644	-	5/ 28,781	-	33,599
		TOTAL	593,175	37,004	13,102	28,781	-	672,062
OREGON	CASCADE LOCKS BRIDGE HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE TOTAL	PORT OF CASCADE LOCKS COMMISSION	480	-	-	-	-	480
		PORT OF HOOD RIVER COMMISSION	1,204	-	-	-	-	1,204
		TOTAL	1,684	-	-	-	-	1,684
TEXAS	DEL RIO INTERNATIONAL BRIDGE EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE LAREDO-NUUEVO LAREDO INTERNATIONAL BRIDGE MCALLEN INTERNATIONAL TOLL BRIDGE EL PASO INTERNATIONAL BRIDGE TOTAL	CITY OF DEL RIO	907	-	-	137	-	1,044
		CITY OF EAGLE PASS	1,812	-	-	193	-	2,005
		CITY OF LAREDO	6,899	-	-	529	450	7,878
		CITY OF MCALLEN	3,181	-	-	722	-	3,903
		CITY OF EL PASO	2,051	-	-	-	-	2,051
		TOTAL	14,850	-	-	1,581	450	16,881
VIRGINIA	SOUTH NORFOLK BRIDGE RICHMOND EXPRESSWAY SYSTEM TOTAL	CITY OF CHESAPEAKE	765	34	-	1	-	800
		RICHMOND METROPOLITAN AUTHORITY	14,662	1,592	-	66	-	16,320
		TOTAL	15,427	1,626	-	67	-	17,120
WEST VIRGINIA	PARKERSBURG BRIDGE	CITY OF PARKERSBURG	1,015	71	-	-	-	1,086
WISCONSIN	CASSVILLE CAR FERRY	CASSVILLE HARBOR COMMISSION	50	-	1	2	-	53
			654,714	40,504	13,450	32,581	1,003	742,252

1/ THIS TABLE IS CONCERNED WITH THE RECEIPTS FOR PUBLICLY OWNED TOLL FACILITIES OPERATED BY MUNICIPALITIES, LOCAL ROAD AND BRIDGE DISTRICTS AND SPECIALLY CREATED AUTHORITIES. FOR ADDITIONAL INFORMATION CONCERNING THE LOCAL HIGHWAY FINANCE SERIES, SEE NOTE 1 OF TABLE LF-1.
2/ ESTIMATED BY FHWA.

3/ 1990 DATA.
4/ PARKING FEES FROM BATTERY AND COLISEUM GARAGES ARE INCLUDED WITH RENTALS.
5/ THE \$28,781,000 IN THE MISCELLANEOUS COLUMN INCLUDES \$11,958,000 IN STATE AID AND \$16,823,000 AS A SUBSIDY FROM NEW YORK CITY.

DISBURSEMENTS FOR MUNICIPAL TOLL FACILITIES - 1989 ¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-42
SEPTEMBER 1991

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	ADMINIS- TRATION AND MISCEL- LANEOUS	INTEREST	DEBT RETIRE- MENT	SUBTOTAL CURRENT DISBURSE- MENTS	TRANSFERS 2/	TOTAL DISBURSE- MENTS	DEBT OUTSTANDING	
										BEGINNING OF YEAR	AT END OF YEAR
COLORADO	PIKES PEAK TOLL HIGHWAY	-	773	209	-	-	982	-	982	-	-
FLORIDA	BROAD CAUSEWAY 3/	17	1,200	200	4	7	1,428	-	1,428	71	64
	CLEARWATER TOLL BRIDGE 3/	-	325	190	66	200	781	-	781	5,582	5,382
	TREASURE ISLAND CAUSEWAY 4/	-	1,055	-	176	100	1,331	-	1,331	1,320	1,773
	TOTAL	17	2,580	390	246	307	3,540	-	3,540	6,973	7,219
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE	-	5,136	1,067	5,500	-	11,703	-	11,703	101,000	101,000
	MCKINLEY BRIDGE	-	838	768	779	1,130	3,515	-	3,515	11,125	9,995
	ROCK ISLAND CENTENNIAL BRIDGE	-	906	66	85	210	1,267	-	1,267	1,180	970
	TOTAL	-	6,880	1,901	6,364	1,340	16,485	-	16,485	113,305	111,965
IOWA	MACARTHUR (BURLINGTON) BRIDGE	9	277	137	38	200	655	-	655	774	574
MISSOURI	BROADWAY BRIDGE	9	547	-	158	-	714	-	714	1,800	1,800
NEBRASKA	BELLEVUE BRIDGE	-	137	21	248	-	406	-	406	2,800	2,800
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS	10,000	101,146	22,667	38,877	25,000	197,690	5/ 381,931	579,621	725,393	700,393
	BATTERY STATEN ISLAND FERRY	-	28,702	4,897	-	-	33,599	-	33,599	6,676	6,676
	TOTAL	10,000	129,848	27,564	38,877	25,000	231,289	381,931	613,220	732,069	707,069
OREGON	CASCADE LOCKS BRIDGE	-	122	76	18	18	234	-	234	259	241
	HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE	146	141	133	8	-	428	-	428	115	115
	TOTAL	146	263	209	26	18	662	-	662	374	356
TEXAS	DEL RID INTERNATIONAL BRIDGE	158	153	149	284	80	824	375	1,199	3,700	3,620
	EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE	-	354	188	5	40	587	1,228	1,815	130	90
	LAREDO-NUEVO LAREDO INTERNATIONAL BRIDGE	-	390	490	709	250	1,839	6,035	7,874	8,985	9,185
	MCALLEN INTERNATIONAL TOLL BRIDGE	59	353	465	359	460	1,656	2,749	4,445	5,355	4,895
	EL PASO INTERNATIONAL BRIDGE	-	233	220	-	-	453	1,598	2,051	-	-
	TOTAL	217	1,483	1,512	1,357	830	5,399	11,985	17,384	18,170	17,790
VIRGINIA	SOUTH NORFOLK BRIDGE	-	612	52	-	-	674	-	674	-	-
	RICHMOND EXPRESSWAY SYSTEM	-	3,268	1,325	6,753	2,035	13,381	-	13,381	135,535	133,500
	TOTAL	-	3,880	1,387	6,753	2,035	14,055	-	14,055	135,535	133,500
WEST VIRGINIA	PARKERSBURG BRIDGE	-	232	224	203	582	1,241	-	1,241	5,363	4,781
WISCONSIN	CASSVILLE CAR FERRY	-	37	23	-	-	60	-	60	-	-
GRAND TOTAL		10,392	146,937	33,577	54,270	30,312	275,488	393,916	669,404	1,017,163	987,854

1/ THIS TABLE IS CONCERNED WITH DISBURSEMENTS FOR PUBLICLY OWNED TOLL FACILITIES OPERATED BY MUNICIPALITIES, LOCAL ROAD/BRIDGE DISTRICTS AND SPECIAL AUTHORITIES. REFER TO TABLE UF-32 FOR NAMES OF OPERATING AUTHORITIES. FOR ADDITIONAL INFORMATION ON LOCAL HIGHWAY FINANCE SERIES, SEE TABLE LF-1, NOTE 1.

2/ PAYMENTS TO MUNICIPAL GENERAL FUNDS FOR HIGHWAY AND OTHER

PURPOSES.

3/ ESTIMATED BY FHWA.

4/ 1990 DATA.

5/ THE TRANSFERS COLUMN INCLUDES PAYMENTS TO NEW YORK CITY TRANSIT AUTHORITY, METROPOLITAN TRANSPORTATION AUTHORITY, AND NEW YORK CITY OF \$164,506,000, \$209,786,000 AND \$7,639,000 RESPECTIVELY.

ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

This section contains data on the extent, physical, operational, and usage characteristics, and the performance of public roads existing in the United States as of December 31, 1990.

EFFECTS OF CHANGES IN DATA REPORTING PROCEDURES

The current data are based on the Highway Performance Monitoring System (HPMS). The HPMS comprises a combination of sample data on performance and physical characteristics of facilities functionally classified as arterials and collectors, and system-type data for all public road and street facilities within each State. When a State fails to provide current year data, various means are used to prepare information that is reasonably current. Where this is true, the States may have provided current aggregate areawide totals, and the included tables have used these data to the extent possible. Footnotes have been included where appropriate to explain missing data or data which have been estimated from previously available data.

Modifications to tables

Starting in 1980 all tables in this section have been reformatted and reorganized from previous years into a new series of tables (the HPMS reporting system modified the coding and/or availability of certain data). Since data for municipalities are no longer collected, the tables reflect rural versus Federal-aid urban breakdowns (or rural versus Federal-aid small urban and urbanized area breakdowns). The emphasis of pre-1980 editions of *Highway Statistics* on traveled-way mileage has been changed to reflect only completed mileage open to the public and carrying traffic on designated systems. The pre-1980 SM series of tables on State primary system data together with table OM, non-State controlled roads, and table LM, local city streets, are no longer included. All tables now contain only public road mileage as defined in 23 U.S.C. 402.

Changes implemented in the reporting format beginning with 1981 HPMS data have resulted in elimination of the differentiation between State primary and secondary systems. As was true beginning with the 1981 publication, only mileage under State control is included with no breakdown of primary, secondary, or local roads in that category.

The tables have been organized into three general areas:

1. Total road and street mileage--tables HM-10, HM-12, HM-14, HM-15, HM-16, HM-18, and HM-20.

2. Mileage on Federal-aid highway systems--tables HM-31, HM-33, HM-35, HM-36, HM-37, HM-39, HM-43, and HM-45.

3. Mileage by functional system--tables HM-50, HM-51, HM-53, HM-55, HM-57, HM-59, HM-61, HM-63, HM-64, HM-67, and HM-71. Because of the importance of functional classification of highways, as demonstrated by the fact that Federal-aid system determination uses functional classification as a base, an entire series of tables containing public road mileage is included to provide the geometric and performance attributes of the highways included in the various functional systems. The HPMS consists of sample data only on the arterial and collector functional systems, and therefore, highways functionally classified as local are included in only three tables (HM-50, HM-60 and HM-67) in this series.

EXISTING MILEAGE

Table HM-10 shows the total public road mileage of roads and streets in the United States, classified by jurisdiction. All tables in this publication exclude nonpublic road mileage. Only mileage classified as public road mileage in accordance with 23 U.S.C. 402 is included. Table HM-12 lists mileage by State, Federal-aid system, and jurisdiction. Table HM-15 contains mileage by Federal-aid system, and is in the same format as its companion travel table, table VM-3. Table HM-16 is another nationwide aggregate table which contains mileage by Federal-aid and administrative systems. Another nationwide aggregate table, HM-18, lists mileage by Federal-aid and functional system, and, includes small urban and urbanized area summaries as well as total urban. Table HM-20 lists all public road mileage by State and functional system. The table is in the same format as table VM-2 and provides the mileage that corresponds to the travel shown in that table.

The increase in total road and street mileage by construction is relatively small each year. Most construction is for the improvement of existing highways and streets, such as resurfacing those previously surfaced, widening pavements, reducing grades, minimizing curves, eliminating grade crossings, and other improvements that provide safer, more efficient highways having greater traffic and load bearing capacities. Most new mileage falls in the local functional system category that serves residential use. Decreases in public road mileage do occur. In recent years, this has been due to the removal of some timber and forest access roads from public use.

Roads in Federal parks, forests, and reservations are generally part of the State and local systems and are

included with the mileages reported for those systems. Only the mileage directly under Federal control is reported in the column or line labeled as such in tables HM-10, HM-12, HM-14, HM-16, and HM-50.

The designation of a road or street as part of a Federal-aid system does not alter its status as a State or county road or city street. Inclusion of a highway in a Federal-aid system simply means that, because of its service value and importance, it has been made eligible for Federal construction funds.

Surface types

The classification used in the tables identifies only the visible surface types on existing streets and roadways. Many highways, either by original design or because of reconstruction, consist of more than one major type of construction material. No data relative to vertical composition are presented, except for the composite pavement type where the reporting agency has concluded that an original portland cement concrete roadway has been overlaid with one or more inches of compacted bituminous material. Surface type classifications provide a brief description rather than an alphanumeric classification as was done in the past.

FEDERAL-AID SYSTEM MILEAGE

Except for minor amounts of highway mileage, primarily in Federal parks and installations, practically all of the roads and streets in the United States are under the jurisdiction of State and local governments. The Federal-aid systems are, basically, segments of State and local mileage eligible for Federal aid. The Federal-aid system mileages therefore duplicate mileage also reported on State and local systems. All highways on the Federal-aid systems are selected by the State and local governments, subject to the approval of the FHWA.

System realignment

Federal-aid system realignment, based on functional classification, became effective on July 1, 1976. This action resulted in substantial shifts in Federal-aid system mileages from the previous years. The mileages previously identified as Federal-aid Secondary Urban and Primary Urban Type II in various tables have, for the most part, been transferred to the Federal-aid Urban System.

Federal-aid Primary System

The Federal-aid Primary System was authorized by the Federal Highway Act of 1921. Originally, the System mileage in each State was limited to 7 percent of the rural road mileage existing in the State at the time the 1921 Act

was enacted but, under specified conditions, this proportion could be increased. The 1976 Federal-aid systems realignment legislation (1973 Act) removed this limitation.

Interstate System

The National System of Interstate and Defense Highways was originally established by the Federal-aid Highway Act of 1944. The Federal-aid Highway Act of 1956 and the companion Highway Revenue Act of 1956 further defined the purpose and extent of the system and, as subsequently amended, dedicated a group of Federal excises on motor fuel and automotive products to the support of Federal highway activities. By law the system is limited to 42,500 miles except that other Federal-aid Primary routes may be incorporated into the system provided they are logical additions or connections to the System and meet all the standards of highways on the Interstate System as defined in 23 U.S.C. 139.

The Interstate System connects, as directly as practicable, the Nation's principal metropolitan areas, cities, and industrial centers; serves the national defense; and connects at suitable border points with routes of continental importance.

National Network for Trucks

The National Network for Trucks was established by the Surface Transportation Assistance Act of 1982 dated January 6, 1983. The Network includes the Interstate System (with minor exceptions) plus approximately 50 percent, nationwide, of the non-Interstate portion of the Federal-aid Primary System. The Network allows the operation of truck-tractor and 48-foot twin trailer combinations up to 102 inches wide, with no overall length limitations. This mileage is summarized in table HM-43.

Federal-aid Secondary System

In 1944, Congress approved the designation of the Federal-aid Secondary System. It is composed of the principal secondary and feeder roads linking farms, distribution outlets, and smaller communities with the Federal-aid Primary System. As mentioned above, the urban portion of this mileage has, because of realignment, been transferred to other systems.

Federal-aid Urban System

The Federal-aid Urban System was first authorized by the Federal-aid Highway Act of 1970. Its definition was modified by the Federal-aid Highway Act of 1973. The Urban System was established in each urbanized area, as designated by the Bureau of the Census, and in such urban areas as the State highway departments may designate. The system serves major centers of activity and includes high

traffic roads to airports and other transportation terminals, so as to serve the goals and objectives of the community.

Mileage characteristics

The Federal-aid mileages are classified according to system, surface type, lane width, traffic lanes, access control, and traffic volume in tables HM-31 through HM-39. The categories for a given data item vary within each table to provide representation of the characteristics of each Federal-aid system.

Count of bridges

Table HM-41, *Highway Bridges Greater than or Equal to 20 Feet*, lists a count of the bridges from the *Structure Inventory of the Nation's Bridges by Federal-aid system* for rural and urban areas.

MILEAGE BY FUNCTIONAL SYSTEM

The functional systems used in tables HM-50 through HM-71 result from the assignment of streets and highways into groups according to the character of service they are intended to provide. Because most travel involves movement through a network of roads, individual roads and streets do not serve travel independently in any major way. *Functional classification* defines the role that a particular road or street plays in serving the flow of trips through a highway network. The functional systems are: (1) arterial highways, which generally handle the long trips, (2) collector facilities, which collect and disperse traffic between the arterials and the bottom level, and (3) local roads and streets, which serve the residential areas, individual farms, and other local areas. The functional system mileages are listed by jurisdiction, surface type, lane width, traffic lanes, access control, and traffic volume in tables HM-50 through HM-59.

Volume-service flow ratio

Table HM-61 provides a listing by State of the mileage for each rural and urban arterial and collector functional system for various ranges of volume-service flow ratio. These data are expanded from peak service flow (capacity) data reported on or calculated from the HPMS sample sections, and are a useful measure of traffic congestion existing on the States' functionally classified facilities.

Pavement condition

Table HM-63 contains mileage that uses the present serviceability rating (PSR), as reported in HPMS, to group the data into various categories of pavement condition. Because of higher standards, the ranges of PSR under the Interstate grouping vary slightly from the ranges for the other functional systems. PSR is a numerical value ranging

from zero to five, reflecting poor pavement condition at the lower end of the scale and very good pavement condition at the higher values. If PSR has been carefully monitored, it should provide a useful basis for relatively rating roadways within a State. However, some States use a subjective rating scheme, while others use a mechanical means to collect PSR data; a few States use a combination of these two methods. Because of the various methodologies, PSR may not be consistent or comparable among the States.

Measured pavement roughness

Table HM-64 contains measured pavement roughness, a "ride" rating reported in the HPMS as the international roughness index (IRI) in inches per mile. These ratings are collected by various mechanical devices and calibrated through correlation to "known profiles" established via precise measurements. The IRI is a numerical value that is an accumulation of the inches of vertical movement of a vehicle over a roadway surface, adjusted to reflect the rate per mile. Low values indicate a smooth riding quality, while higher values are indicative of a rough road. Because IRI is a mechanically measured index, IRI should be consistent across State lines when proper measuring device calibration procedures are followed.

Lane mileage

Table HM-60 contains rural and urban lane mileage by functional system.

Count of bridges

Table HM-65, *Highway Bridges Greater than or Equal to 20 Feet*, is similar to table HM-41 except that the bridge counts are listed by functional system.

Local functional system

Table HM-67 contains estimates of local functional system mileage by average daily traffic category and surface type for rural, small urban, and combined urbanized areas. Estimates are supplied by the States in the areawide (aggregate) portion of their HPMS data submittals.

Urbanized area mileage, travel, and other characteristics

Table HM-71 contains mileage and travel data by functional system for Federal-aid urbanized areas having a population of 200,000 or more. Table HM-72 contains other rates and characteristics based on the State reported mileage, travel, population, and net land area aggregate data for the same urbanized areas. An estimate of freeway (including the Interstate System) lane mileage in each urbanized area is also provided; it is based primarily on the HPMS universe data. Where urbanized areas cross State boundaries, the

tables show information for the entire area without regard to State boundaries.

Interstate functional system

Because the principal arterial functional systems for both rural and urban areas include a separate category for Interstate, the Interstate functional system is the only stratification where there is a direct correspondence with a Federal-aid system category. Interstate mileage has been included in both the Federal-aid system and functional system sections. Although this is a duplication, it is necessary to provide complete summaries of both Federal-aid and functional system mileage.

HIGHWAY USAGE CHARACTERISTICS

Table VM-1 shows the estimated travel for the current year and revised figures for the previous year by passenger cars, motorcycles, buses, and trucks on the rural Interstate System, other rural arterial roads, other rural roads, urban Interstate System, and other urban streets. The rural and urban street categories are based on a summary of highway functional systems contained in table VM-2. The other rural arterial roads category includes all other principal and minor arterials excluding the Interstate System. The other rural roads category includes the collector and local functional systems. All urban systems except the urban Interstate System are included within the other urban category.

Table VM-1 also shows the number of vehicles registered by type and total fuel consumption. Also included are the calculated average annual miles of travel, average miles traveled per gallon, and average fuel consumption for each vehicle type. The highway use of motor fuel and the motor-vehicle registrations shown in table MF-21 and table MV-1 are used in obtaining the related items of average miles traveled per vehicle, average fuel consumption per vehicle, and average miles traveled per gallon of fuel consumed. Numerous factors are considered in estimating the fuel consumption of each major vehicle group. These include the number of vehicles of each type, the characteristics of equipment that affect fuel consumption, and the operating weight distribution of the vehicles. In addition, table VM-1 provides FHWA's estimate of person-miles of travel based on the most current information from the Nationwide Personal Transportation Study, the Truck Inventory and Use Survey, and the report, *National Transportation Statistics*.

Table VM-2 summarizes the States' estimated highway travel based on traffic counts taken along selected functional system highway sections which are grouped into categories, or system, according to the character of service they provide.

Table VM-3 contains the estimated highway travel carried on the Federal-aid systems, which generally correspond to the highways functionally classified as arterials and major collectors summarized in table VM-2.

Table FI-1 lists the total fatal and nonfatal injury accidents along with the total numbers of fatalities and nonfatal injuries, and corresponding rates for all highways in each State. These data are based on the 30-day definition, i.e., only accident victims who die within 30 days of their accidents are counted as fatalities.

Table FI-2 contains highway travel and accident data by highway system for the United States. The table also contains numbers and rates (per 100 million vehicle miles) of accidents and casualties on the functional and Federal-aid highway systems.

Tables VS-1 and VS-2 present data on speeds of all vehicles on sections of roads posted for 55 miles-per-hour speed limits, by type of highway for each State. These data are based on an annual certification of speed limit enforcement required from each State highway agency as part of the 55 miles-per-hour speed limit monitoring program. The trends in speeds on rural Interstate highways since 1960 are shown graphically in the chart. The data represent free-moving speeds from 1965 through 1979. Beginning with fiscal year 1980, the data represent all vehicle traffic.

The graphs showing speed trends on rural Interstate highways reflect only those highways where the 55 miles-per-hour speed limit remained in effect after the enactment of P.L. 100-17. This law gave States the option to increase the speed limit to 65 miles per hour on rural Interstate highways.

Table TC-3 along with the graph, Comparison of Growth in Volumes and Loadings on the Rural Interstate System, shows the interrelationship between vehicle types, volumes, and axle loadings. The data are from the Truck Weight Study which are collected by the States for varying periods of time and are not adjusted to typify annual system averages. In Table TC-3 the data for passenger cars, buses, and light single-unit trucks have been combined.

The graph, Comparison of Growth in Volumes and Loadings on the Rural Interstate System, portrays the rapid growth in loadings relative to volumes. The data points on the graph are 3-year moving averages. It should be noted that the increase in loadings is a function of increased axle weights as well as an increase in the number of trucks.

PUBLIC ROAD AND STREET MILEAGE - 1990¹
CLASSIFIED BY FEDERAL-AID AND ADMINISTRATIVE SYSTEMS

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-16
 SEPTEMBER 1991

ADMINISTRATIVE SYSTEM	FEDERAL-AID SYSTEM					NON-FEDERAL-AID	TOTAL
	INTERSTATE 2/	PRIMARY 3/	URBAN	SECONDARY	TOTAL		
RURAL:							
STATE CONTROLLED ROADS 4/	33,547	224,517	-	196,028	454,092	231,600	685,692
COUNTY ROADS	-	658	-	193,747	194,405	1,422,551	1,616,956
TOWN AND TOWNSHIP ROADS	-	281	-	4,726	5,007	432,483	437,490
OTHER LOCAL GOVERNMENTAL ROADS	-	96	-	4,621	4,717	182,768	187,485
STATE PARK AND FOREST ROADS	-	41	-	39	80	16,886	16,966
NATIONAL PARK, FOREST, AND OTHER ROADS	-	485	-	813	1,298	176,901	178,199
TOTAL RURAL	33,547	226,078	-	399,974	659,599	2,463,189	3,122,788
PERCENT - RURAL	1.1	7.2	-	12.8	21.1	78.9	100.0
SMALL URBAN AREAS:							
STATE CONTROLLED ROADS 4/	1,336	11,436	7,884	-	20,656	4,540	25,196
COUNTY ROADS	-	41	4,495	-	4,536	11,650	16,186
TOWN AND TOWNSHIP ROADS	-	17	1,562	-	1,579	4,572	6,151
OTHER LOCAL GOVERNMENTAL ROADS	-	270	17,794	-	18,064	93,539	111,603
STATE PARK AND FOREST ROADS	-	-	2	-	2	60	62
NATIONAL PARK, FOREST, AND OTHER ROADS	-	3	45	-	48	205	253
TOTAL SMALL URBAN AREA	1,336	11,767	31,782	-	44,885	114,566	159,451
PERCENT - SMALL URBAN	0.9	7.4	19.8	-	28.1	71.9	100.0
URBANIZED AREAS:							
STATE CONTROLLED ROADS 4/	10,191	20,595	26,083	-	56,869	13,323	70,192
COUNTY ROADS	-	214	23,223	-	23,437	56,364	79,801
TOWN AND TOWNSHIP ROADS	-	45	5,239	-	5,284	31,329	36,613
OTHER LOCAL GOVERNMENTAL ROADS	-	1,478	61,216	-	62,694	347,457	410,151
STATE PARK AND FOREST ROADS	-	77	94	-	171	215	386
NATIONAL PARK, FOREST, AND OTHER ROADS	-	19	43	-	62	707	769
TOTAL URBANIZED AREA	10,191	22,428	115,898	-	148,517	449,395	597,912
PERCENT - URBANIZED	1.7	3.8	19.3	-	24.8	75.2	100.0
TOTAL URBAN:							
STATE CONTROLLED ROADS 4/	11,527	32,031	33,967	-	77,525	17,863	95,388
COUNTY ROADS	-	255	27,718	-	27,973	68,014	95,987
TOWN AND TOWNSHIP ROADS	-	62	6,801	-	6,863	35,901	42,764
OTHER LOCAL GOVERNMENTAL ROADS	-	1,748	79,010	-	80,758	440,996	521,754
STATE PARK AND FOREST ROADS	-	77	96	-	173	275	448
NATIONAL PARK, FOREST, AND OTHER ROADS	-	22	88	-	110	912	1,022
TOTAL URBAN	11,527	34,195	147,680	-	193,402	563,961	757,363
PERCENT - URBAN	1.5	4.5	19.5	-	25.5	74.5	100.0
TOTAL RURAL AND URBAN	45,074	260,273	147,680	399,974	853,001	3,027,150	3,880,151
PERCENT - TOTAL	1.2	6.7	3.8	10.3	22.0	78.0	100.0

1/ AS EXPANDED FROM THE 1990 HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 49 STATES AND THE DISTRICT OF COLUMBIA. FOR OHIO, 1989 DATA WERE FACTORED TO 1990 TOTALS BY FHWA. BECAUSE OF THE FACTORING PROCEDURES USED, INDIVIDUAL DATA COMPONENTS FOR THIS

TABLE MAY NOT BE COMPATIBLE AMONG THE VARIOUS MILEAGE TABLES.
 2/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
 3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
 4/ DOES NOT INCLUDE STATE PARK AND FOREST ROADS.

PUBLIC ROAD AND STREET MILEAGE - 1990¹

CLASSIFIED BY FEDERAL-AID AND FUNCTIONAL SYSTEMS

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-18
SEPTEMBER 1991

FUNCTIONAL SYSTEM	FEDERAL-AID SYSTEM					NON-FEDERAL-AID	TOTAL
	INTERSTATE 2/	PRIMARY 3/	URBAN	SECONDARY	TOTAL		
RURAL:							
PRINCIPAL ARTERIAL:							
INTERSTATE	33,547	-	-	-	33,547	-	33,547
OTHER	-	83,085	-	-	83,085	717	83,802
SUBTOTAL	33,547	83,085	-	-	116,632	717	117,349
MINOR ARTERIAL	-	142,993	-	-	142,993	1,742	144,735
MAJOR COLLECTOR	-	-	-	399,974	399,974	36,391	436,365
MINOR COLLECTOR	-	-	-	-	-	293,912	293,912
SUBTOTAL	-	-	-	399,974	399,974	330,303	730,277
LOCAL	-	-	-	-	-	2,130,427	2,130,427
TOTAL - RURAL	33,547	226,078	-	399,974	659,599	2,463,189	3,122,788
SMALL URBAN:							
PRINCIPAL ARTERIAL:							
INTERSTATE	1,336	-	-	-	1,336	-	1,336
OTHER FREEWAYS AND EXPRESSWAYS	-	1,169	24	-	1,193	14	1,207
OTHER	-	10,128	3,013	-	13,141	274	13,415
SUBTOTAL	1,336	11,297	3,037	-	15,670	288	15,958
MINOR ARTERIAL	-	470	14,873	-	15,343	2,003	17,346
COLLECTOR	-	-	13,872	-	13,872	5,109	18,981
LOCAL	-	-	-	-	-	107,166	107,166
TOTAL - SMALL URBAN	1,336	11,767	31,782	-	44,885	114,566	159,451
URBANIZED:							
PRINCIPAL ARTERIAL:							
INTERSTATE	10,191	-	-	-	10,191	-	10,191
OTHER FREEWAYS AND EXPRESSWAYS	-	5,295	735	-	6,030	433	6,463
OTHER	-	16,224	21,851	-	38,075	497	38,572
SUBTOTAL	10,191	21,519	22,586	-	54,296	930	55,226
MINOR ARTERIAL	-	909	51,613	-	52,522	4,788	57,310
COLLECTOR	-	-	41,699	-	41,699	17,568	59,267
LOCAL	-	-	-	-	-	426,109	426,109
TOTAL - URBANIZED	10,191	22,428	115,898	-	148,517	449,395	597,912
TOTAL URBAN:							
PRINCIPAL ARTERIAL:							
INTERSTATE	11,527	-	-	-	11,527	-	11,527
OTHER FREEWAYS AND EXPRESSWAYS	-	6,464	759	-	7,223	447	7,670
OTHER	-	26,352	24,864	-	51,216	771	51,987
SUBTOTAL	11,527	32,816	25,623	-	69,966	1,218	71,184
MINOR ARTERIAL	-	1,379	66,486	-	67,865	6,791	74,656
COLLECTOR	-	-	55,571	-	55,571	22,677	78,248
LOCAL	-	-	-	-	-	533,275	533,275
TOTAL - URBAN	11,527	34,195	147,680	-	193,402	563,961	757,363
TOTAL - RURAL AND URBAN	45,074	260,273	147,680	399,974	853,001	3,027,150	3,880,151

1/ AS EXPANDED FROM THE 1990 HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 49 STATES AND THE DISTRICT OF COLUMBIA. FOR OHIO, 1989 DATA WERE FACTORED TO 1990 TOTALS BY FHWA. BECAUSE OF THE FACTORING PROCEDURES USED, INDIVIDUAL DATA COMPONENTS FOR THIS TABLE MAY NOT BE COMPATIBLE AMONG THE VARIOUS MILEAGE TABLES.

2/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM ITS MILEAGE IS SHOWN SEPARATELY.

3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

PUBLIC ROAD AND STREET MILEAGE - 1990

CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION¹

TABLE HM-14
SHEET 1 OF 3
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	FEDERAL-AID PRIMARY HIGHWAY SYSTEM - RURAL							FEDERAL-AID PRIMARY HIGHWAY SYSTEM - URBAN							TOTAL FEDERAL-AID PRIMARY HIGHWAY MILEAGE
	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL 3/	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL 3/	TOTAL	
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 2/	TOTAL				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 2/	TOTAL			
ALABAMA	6,457	25	-	3	28	44	6,529	1,106	1	-	15	16	-	1,122	7,651
ALASKA 4/	1,993	-	-	-	-	-	1,993	115	-	-	-	-	-	115	2,108
ARIZONA	4,227	-	-	-	-	30	4,257	365	-	-	654	654	-	1,019	5,276
ARKANSAS 4/	5,154	-	-	-	-	-	5,154	603	-	-	-	-	-	603	5,757
CALIFORNIA	10,704	44	-	-	44	180	10,928	2,547	1	-	1	2	-	2,549	13,477
COLORADO	4,639	-	-	-	-	2	4,641	606	-	-	-	-	-	606	5,247
CONNECTICUT	798	-	-	-	-	-	798	813	-	-	-	-	-	813	1,611
DELAWARE	335	-	-	1	1	1	337	145	-	-	2	2	-	147	484
DIST. OF COL.	-	-	-	-	-	-	-	190	-	-	-	-	-	190	190
FLORIDA	6,738	24	-	-	24	-	6,762	2,662	3	-	9	12	-	2,674	9,436
GEORGIA	9,298	55	-	6	61	93	9,452	1,847	51	-	16	67	1	1,915	11,367
HAWAII	390	5	-	-	5	-	395	158	1	-	-	1	-	159	554
IDAHO	3,205	-	-	-	-	-	3,205	157	-	-	-	-	-	157	3,362
ILLINOIS 4/	9,200	23	10	4	37	-	9,237	2,515	42	1	43	86	-	2,601	11,838
INDIANA	5,090	7	-	-	7	-	5,097	1,054	-	-	2	2	-	1,056	6,153
IOWA	8,528	134	-	20	154	-	8,682	796	7	-	50	57	-	853	9,535
KANSAS	8,427	-	-	-	-	-	8,427	495	-	-	-	-	-	495	8,922
KENTUCKY 4/	3,947	-	-	-	-	-	3,947	659	-	-	3	3	-	662	4,609
LOUISIANA	3,305	-	-	-	-	-	3,305	671	-	-	-	-	-	671	3,976
MAINE 4/	2,136	-	-	-	-	-	2,136	238	-	-	2	2	-	240	2,376
MARYLAND	1,797	13	-	-	13	-	1,810	691	3	-	82	85	19	795	2,605
MASSACHUSETTS	938	-	241	1	242	1	1,181	1,173	-	-	423	423	-	1,596	2,777
MICHIGAN	7,022	17	-	-	17	-	7,039	1,411	3	-	1	4	-	1,415	8,454
MINNESOTA	9,365	3	-	-	3	-	9,368	828	6	-	6	12	-	840	10,208
MISSISSIPPI	5,978	10	-	6	16	-	5,994	465	-	-	2	2	-	467	6,461
MISSOURI	7,309	-	-	-	-	-	7,309	877	-	-	11	11	-	888	8,197
MONTANA	6,495	-	-	-	-	-	6,495	148	-	-	2	2	-	150	6,645
NEBRASKA	7,374	-	-	1	1	-	7,375	298	-	-	2	2	-	300	7,675
NEVADA	2,284	-	-	-	-	2	2,286	113	-	-	-	-	2	115	2,401
NEW HAMPSHIRE	1,144	-	-	-	-	-	1,144	155	-	-	58	58	-	213	1,357
NEW JERSEY	879	46	-	1	47	-	926	932	12	-	5	17	-	949	1,875
NEW MEXICO	4,570	-	-	-	-	-	4,570	308	-	-	10	10	-	318	4,888
NEW YORK 4/	7,125	122	6	19	147	-	7,272	2,250	110	1	313	424	-	2,674	9,946
NORTH CAROLINA	4,477	-	-	-	-	17	4,494	887	-	-	-	-	-	887	5,381
NORTH DAKOTA	5,933	-	-	-	-	-	5,933	177	-	-	-	-	-	177	6,110
OHIO 5/	5,839	-	1	-	1	-	5,840	2,308	3	-	10	13	-	2,321	8,161
OKLAHOMA	5,598	-	-	-	-	-	5,598	639	-	-	-	-	-	639	6,237
OREGON	5,231	-	-	-	-	6	5,237	536	-	-	-	-	-	536	5,773
PENNSYLVANIA	8,905	-	15	-	15	-	8,920	2,534	-	9	19	28	-	2,562	11,482
RHODE ISLAND	176	-	8	-	8	-	184	269	-	51	-	51	-	320	504
SOUTH CAROLINA	5,629	-	-	-	-	-	5,629	841	1	-	2	3	-	844	6,473
SOUTH DAKOTA	6,274	-	-	-	-	48	6,322	155	-	-	-	-	-	155	6,477
TENNESSEE 4/	6,007	-	-	-	-	-	6,007	1,220	-	-	-	-	-	1,220	7,227
TEXAS 4/	17,094	1	-	1	2	-	17,096	2,901	6	-	-	6	-	2,907	20,003
UTAH 4/	3,297	-	-	-	-	-	3,297	256	-	-	-	-	-	256	3,553
VERMONT	1,298	-	-	29	29	-	1,327	93	-	-	24	24	-	117	1,444
VIRGINIA	5,527	3	-	-	3	-	5,530	955	-	-	4	4	-	959	6,489
WASHINGTON 4/	4,892	-	-	-	-	-	4,892	889	1	-	-	1	-	890	5,782
WEST VIRGINIA	2,664	3	-	-	3	-	2,667	296	-	-	1	1	-	297	2,964
WISCONSIN	6,745	123	1	3	127	-	6,872	1,082	4	-	8	12	-	1,094	9,966
WYOMING	3,668	-	-	-	-	61	3,729	174	-	-	-	-	-	174	3,903
TOTAL 4/	258,105	658	281	96	1,035	485	259,625	43,603	255	62	1,780	2,097	22	45,722	305,347

PUBLIC ROAD AND STREET MILEAGE - 1990

CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION ¹

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-14
 SHEET 2 OF 3
 SEPTEMBER 1991

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL							FEDERAL-AID URBAN HIGHWAY SYSTEM						
	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL 3/	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL 3/	TOTAL
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 2/	TOTAL				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 2/	TOTAL		
ALABAMA	2,729	8,443	-	409	8,852	-	11,581	473	12	-	2,307	2,319	-	2,792
ALASKA 4/	1,816	-	-	-	-	-	1,816	207	12	-	19	31	-	238
ARIZONA	1,182	2,074	-	-	2,074	-	3,256	114	78	-	1,609	1,703	16	1,833
ARKANSAS 4/	4,475	2,796	-	64	2,860	39	7,374	410	61	16	689	750	-	1,160
CALIFORNIA	977	9,944	-	209	10,153	46	11,176	832	2,825	-	14,134	16,959	-	17,791
COLORADO	3,410	-	-	-	-	-	3,410	249	536	-	1,609	2,145	-	2,394
CONNECTICUT	875	-	27	-	27	-	902	812	-	2,143	-	2,143	-	2,955
DELAWARE	602	-	-	1	1	2	605	313	-	-	8	8	-	321
DIST. OF COL.	-	-	-	-	-	-	-	233	-	-	-	-	-	233
FLORIDA	577	3,746	-	73	3,819	-	4,396	1,344	-	-	2,376	3,259	-	4,603
GEORGIA	6,026	7,817	-	30	7,847	138	14,011	473	883	-	1,378	3,506	3	3,982
HAWAII	368	67	-	-	67	-	435	22	300	-	-	300	-	322
IDAHO	1,478	1,566	-	1,013	2,579	-	4,057	97	-	441	187	628	-	725
ILLINOIS 4/	1,716	10,212	755	238	11,205	1	12,922	1,545	1,217	341	3,541	5,099	1	6,645
INDIANA	4,570	5,040	-	130	5,170	-	9,740	512	1,511	-	2,691	4,202	-	4,714
IOWA	386	12,638	-	542	13,180	-	13,566	12	298	-	2,133	2,431	-	2,443
KANSAS	1,644	21,006	-	5	21,011	-	22,655	93	-	-	1,558	1,558	-	1,651
KENTUCKY 4/	7,166	3	-	-	3	3	7,172	1,256	148	-	560	708	44	2,008
LOUISIANA	7,332	-	-	-	-	17	7,349	774	400	-	993	1,393	-	2,167
MAINE 4/	2,741	-	1	-	1	-	2,742	475	-	3	228	231	-	706
MARYLAND	1,368	526	-	17	543	-	1,911	616	903	-	611	1,514	25	2,155
MASSACHUSETTS	384	-	1,615	-	1,615	8	2,007	575	-	-	5,330	5,330	-	5,905
MICHIGAN	674	15,962	-	423	16,385	-	17,059	429	2,687	-	2,350	5,037	-	5,466
MINNESOTA	1,631	14,836	90	19	14,945	128	16,604	334	1,090	21	811	1,922	-	2,256
MISSISSIPPI	3,520	7,987	2	186	8,175	-	11,695	206	186	1	1,326	1,513	-	1,719
MISSOURI	18,093	-	-	-	-	-	18,093	652	363	6	1,462	1,831	-	2,483
MONTANA	89	4,655	-	-	4,655	-	4,744	10	90	-	242	332	-	342
NEBRASKA	2,243	9,029	-	164	9,193	22	11,458	26	129	-	909	1,038	-	1,064
NEVADA	2,083	184	-	1	185	47	2,315	177	137	-	243	380	-	557
NEW HAMPSHIRE	1,222	-	5	5	10	-	1,232	142	-	24	560	584	-	726
NEW JERSEY	91	1,429	66	101	1,596	-	1,687	523	2,993	74	1,798	4,865	-	5,388
NEW MEXICO	3,640	-	-	-	-	-	3,640	399	13	-	161	174	-	573
NEW YORK 4/	4,178	1,825	231	59	2,115	-	6,293	1,416	2,264	1,403	3,650	7,317	-	8,733
NORTH CAROLINA	10,319	-	-	1	1	5	10,325	2,931	-	-	64	64	-	2,995
NORTH DAKOTA	1,197	9,178	-	220	9,398	33	10,628	25	-	79	397	476	-	501
OHIO 5/	8,536	2,975	111	171	3,257	-	11,793	1,604	1,559	291	4,472	6,262	-	7,866
OKLAHOMA	5,360	6,228	-	221	6,449	-	11,809	347	385	-	2,263	2,648	-	2,995
OREGON	1,583	6,184	-	50	6,234	-	7,817	171	700	-	1,185	1,885	-	2,056
PENNSYLVANIA	7,781	21	162	16	199	-	7,980	4,222	275	930	1,626	2,831	-	7,053
RHODE ISLAND	134	-	67	-	67	-	201	509	-	413	8	421	-	930
SOUTH CAROLINA	8,385	148	-	1	149	-	8,534	1,130	17	-	21	38	-	1,168
SOUTH DAKOTA	1,437	9,094	220	42	9,356	301	11,094	16	39	5	330	374	-	390
TENNESSEE 4/	5,466	-	-	-	-	-	5,466	848	335	-	1,985	2,320	-	3,168
TEXAS 4/	32,496	121	-	5	126	16	32,638	3,244	298	-	4,656	4,954	-	8,198
UTAH 4/	1,699	952	-	55	1,007	-	2,706	385	116	-	426	542	-	927
VERMONT	1,141	-	744	28	772	-	1,913	57	-	106	186	292	-	349
VIRGINIA	10,114	46	-	40	86	-	10,200	1,845	220	-	1,385	1,605	-	3,450
WASHINGTON 4/	1,086	6,075	159	-	6,234	-	7,320	98	1,763	412	1,963	4,138	-	4,236
WEST VIRGINIA	6,349	-	-	2	2	-	6,351	540	-	-	268	268	-	808
WISCONSIN	1,750	10,744	470	76	11,290	-	13,040	248	654	150	1,930	2,734	-	2,982
WYOMING	2,087	166	-	8	172	7	2,266	82	99	-	377	476	-	558
TOTAL 4/	196,096	193,717	4,725	4,623	203,065	813	399,974	34,053	27,724	6,799	79,015	113,538	89	147,680

Roadway Extent, Characteristics, and Performance

FEDERAL-AID HIGHWAY SYSTEMS - 1990

MILEAGE CLASSIFIED BY LANE WIDTH

TABLE HM-39
SHEET 1 OF 2
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, INTERSTATE SYSTEM Z/ (LANE WIDTH IN FEET >12, <12, TOTAL), FEDERAL-AID PRIMARY SYSTEM 3/ (RURAL MILEAGE, URBAN MILEAGE, TOTAL), and FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE (TOTAL). Rows list states from ALABAMA to WYOMING and a TOTAL row.

FEDERAL-AID HIGHWAY SYSTEMS - 1990 ¹

MILEAGE CLASSIFIED BY TRAFFIC LANES AND ACCESS CONTROL

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-36
SEPTEMBER 1991

TRAFFIC LANES AND ACCESS CONTROL 2/	FEDERAL-AID SYSTEM									
	INTERSTATE 3/		PRIMARY 4/		URBAN		SECONDARY		TOTAL	
	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT
RURAL:										
ONE-WAY STREETS	-	-	108	0.0	-	-	413	0.1	521	0.1
2 LANES	1,048	3.1	195,639	86.5	-	-	394,854	98.7	591,541	89.6
3 LANES	3	0.0	2,047	0.9	-	-	313	0.1	2,363	0.4
4 OR MORE LANES - UNDIVIDED	88	0.3	4,871	2.2	-	-	1,834	0.5	6,793	1.0
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	12,173	5.4	-	-	2,071	0.5	14,244	2.2
PARTIAL	25	0.1	5,627	2.5	-	-	417	0.1	6,069	0.9
FULL	32,383	96.5	5,613	2.5	-	-	72	0.0	38,068	5.8
TOTAL RURAL	33,547	100.0	226,078	100.0	-	-	399,974	100.0	659,599	100.0
SMALL URBAN AREA:										
ONE-WAY STREETS	-	-	205	1.7	367	1.2	-	-	572	1.3
2 LANES	7	0.5	5,796	49.4	28,175	88.5	-	-	33,978	75.7
3 LANES	-	-	168	1.4	254	0.8	-	-	422	0.9
4 OR MORE LANES - UNDIVIDED	6	0.4	2,109	17.9	2,036	6.4	-	-	4,151	9.2
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	1,876	15.9	815	2.6	-	-	2,691	6.0
PARTIAL	3	0.2	937	8.0	116	0.4	-	-	1,056	2.4
FULL	1,320	98.9	676	5.7	19	0.1	-	-	2,015	4.5
TOTAL SMALL URBAN AREA	1,336	100.0	11,767	100.0	31,782	100.0	-	-	44,885	100.0
URBANIZED AREA:										
ONE-WAY STREETS	12	0.1	565	2.5	3,379	2.9	-	-	3,956	2.7
2 LANES	15	0.1	6,334	28.3	80,146	69.1	-	-	86,495	58.2
3 LANES	3	0.0	214	1.0	1,037	0.9	-	-	1,254	0.8
4 OR MORE LANES - UNDIVIDED	75	0.7	3,350	14.9	15,878	13.7	-	-	19,303	13.0
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	5,899	26.3	13,155	11.4	-	-	19,054	12.8
PARTIAL	11	0.1	2,220	9.9	1,743	1.5	-	-	3,974	2.7
FULL	10,075	99.0	3,846	17.1	560	0.5	-	-	14,481	9.8
TOTAL URBANIZED AREA	10,191	100.0	22,428	100.0	115,898	100.0	-	-	148,517	100.0
TOTAL URBAN:										
ONE-WAY STREETS	12	0.1	770	2.3	3,746	2.5	-	-	4,528	2.3
2 LANES	22	0.2	12,130	35.5	108,321	73.3	-	-	120,473	62.4
3 LANES	3	0.0	382	1.1	1,291	0.9	-	-	1,676	0.9
4 OR MORE LANES - UNDIVIDED	81	0.7	5,459	16.0	17,914	12.1	-	-	23,454	12.1
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	7,775	22.7	13,970	9.5	-	-	21,745	11.2
PARTIAL	14	0.1	3,157	9.2	1,859	1.3	-	-	5,030	2.6
FULL	11,395	98.9	4,522	13.2	579	0.4	-	-	16,496	8.5
TOTAL URBAN	11,527	100.0	34,195	100.0	147,680	100.0	-	-	193,402	100.0
TOTAL RURAL AND URBAN	45,074	-	260,273	-	147,680	-	399,974	-	853,001	-

1/ AS EXPANDED FROM THE 1990 HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 49 STATES AND THE DISTRICT OF COLUMBIA, FOR OHIO, 1989 DATA WERE FACTORED TO 1990 TOTALS BY FHWA.

2/ THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING AND TURNING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.

3/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY

SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.

4/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

5/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO POSSIBLE INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

FEDERAL-AID HIGHWAY SYSTEMS - 1990

MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-37
 SHEET 2 OF 3
 SEPTEMBER 1991

STATE	INTERSTATE SYSTEM - URBAN 2/						FEDERAL-AID PRIMARY SYSTEM - URBAN 3/								TOTAL	URBAN FEDERAL- AID PRIMARY SYSTEM INCLUDING INTERSTATE
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME									
	LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER		LESS THAN 5,000	5,000- 9,999	10,000- 14,999	15,000- 19,999	20,000- 29,999	30,000- 39,999	40,000 AND OVER			
ALABAMA	22	108	79	28	10	247	165	227	158	125	110	51	39	875	1,122	
ALASKA	14	25	12	-	-	51	39	4	4	7	3	-	64	115	115	
ARIZONA	24	38	14	26	28	130	88	341	120	44	154	57	85	889	1,019	
ARKANSAS	14	66	23	19	1	123	50	146	135	86	45	10	8	480	603	
CALIFORNIA	12	36	99	169	667	983	56	139	146	157	187	176	705	1,566	2,549	
COLORADO	17	35	34	35	28	149	32	59	90	124	38	39	75	457	606	
CONNECTICUT	2	21	49	102	58	232	7	66	133	131	96	97	51	581	813	
DELAWARE	-	9	10	18	4	41	2	12	20	18	21	18	15	106	147	
DIST. OF COL.	-	-	1	5	6	12	1	16	30	26	52	32	21	178	190	
FLORIDA	16	99	106	90	105	416	61	245	401	383	587	368	213	2,258	2,674	
GEORGIA	6	103	94	77	92	372	159	329	357	217	261	120	100	1,543	1,915	
HAWAII	4	-	3	14	17	38	-	7	13	11	38	22	30	121	159	
IDAHO	25	40	10	-	-	75	7	22	26	12	14	1	-	82	157	
ILLINOIS	56	187	68	87	148	546	137	419	526	264	406	161	142	2,055	2,601	
INDIANA	12	112	74	71	16	285	53	206	144	139	161	41	27	771	1,056	
IOWA	30	71	28	8	-	137	200	279	119	71	43	4	-	716	853	
KANSAS	43	63	24	22	8	160	51	113	53	64	38	4	12	335	495	
KENTUCKY	1	71	46	58	8	184	46	124	122	75	61	32	18	478	662	
LOUISIANA	16	74	53	27	18	188	72	115	73	66	97	30	30	483	671	
MAINE	17	26	10	-	-	53	14	44	57	44	22	6	-	187	240	
MARYLAND	2	8	49	62	110	231	19	23	51	83	128	69	191	564	795	
MASSACHUSETTS	-	66	131	123	77	397	39	172	509	222	99	56	102	1,199	1,596	
MICHIGAN	14	97	149	95	100	455	25	186	191	130	203	97	128	960	1,415	
MINNESOTA	16	36	81	56	28	217	105	164	114	56	86	59	39	623	840	
MISSISSIPPI	16	91	9	8	-	124	53	111	81	43	45	10	-	343	467	
MISSOURI	35	57	72	100	72	338	64	110	115	80	89	51	43	552	888	
MONTANA	47	-	-	-	3	37	20	32	20	16	12	2	1	103	150	
NEBRASKA	5	14	6	9	3	47	46	78	42	27	44	21	5	263	300	
NEVADA	7	12	8	12	7	46	-	8	26	1	10	9	15	69	115	
NEW HAMPSHIRE	-	20	16	8	-	44	1	36	59	32	25	7	9	169	213	
NEW JERSEY	4	27	62	98	79	270	64	28	69	68	174	46	240	679	949	
NEW MEXICO	40	26	11	9	8	94	34	59	49	34	32	13	3	224	318	
NEW YORK	31	222	146	140	107	646	108	342	335	419	274	158	392	2,028	2,674	
NORTH CAROLINA	7	89	93	34	5	228	35	98	138	114	156	72	46	659	887	
NORTH DAKOTA	29	9	2	-	-	40	48	39	28	11	11	-	-	137	177	
OHIO 4/	11	196	252	184	82	725	125	330	437	296	276	87	45	1,596	2,321	
OKLAHOMA	27	72	45	59	4	207	65	141	110	46	26	13	31	432	639	
OREGON	22	25	31	41	13	132	36	81	90	60	78	26	33	404	536	
PENNSYLVANIA	20	153	128	76	26	403	173	453	402	332	394	229	176	2,159	2,562	
RHODE ISLAND	-	15	12	5	17	49	44	48	47	56	57	19	-	271	320	
SOUTH CAROLINA	6	34	38	35	5	118	59	146	130	116	179	69	27	726	844	
SOUTH DAKOTA	29	18	-	-	-	47	21	40	21	14	10	2	-	108	156	
TENNESSEE	7	72	86	98	19	282	56	213	223	130	230	40	46	938	1,220	
TEXAS	94	191	220	251	191	947	195	399	362	241	264	152	343	1,960	2,907	
UTAH	20	26	53	35	12	146	19	27	30	5	22	5	2	110	256	
VERMONT	8	24	2	-	-	34	9	32	19	14	8	1	-	83	117	
VIRGINIA	5	71	55	100	68	299	27	159	103	82	122	117	50	660	959	
WASHINGTON	9	40	53	54	84	240	57	84	119	40	125	101	124	650	890	
WEST VIRGINIA	1	68	14	7	-	90	14	43	57	59	29	5	-	207	297	
WISCONSIN	9	41	26	21	27	124	117	298	233	114	101	64	43	970	1,094	
WYOMING	48	2	-	-	-	50	29	53	26	12	4	-	-	124	174	
TOTAL	900	3,006	2,687	2,576	2,358	11,527	2,951	6,946	6,963	5,007	5,751	2,872	3,705	34,195	45,722	
PERCENT/SYSTEM	7.8	26.1	23.3	22.3	20.5	100.0	8.6	20.3	20.5	14.6	16.8	8.4	10.8	100.0	-	

Roadway Extent, Characteristics, and Performance

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FEDERAL-AID HIGHWAY SYSTEMS - 1990¹

MILEAGE CLASSIFIED BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-39
 SHEET 1 OF 3
 SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE SYSTEM - RURAL 2/					FEDERAL-AID PRIMARY HIGHWAY SYSTEM - RURAL 3/									RURAL FEDERAL- AID PRIMARY SYSTEM INCLUDING INTERSTATE	
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME										TOTAL
	LESS THAN 6,000	6,000- 9,999	10,000- 19,999	20,000 AND OVER		LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 3,999	4,000- 4,999	5,000- 9,999	10,000- 14,999	15,000 AND OVER			
UNDIVIDED:																
LESS THAN 9 FEET	-	-	-	-	-	121	137	83	2	-	1	4	-	348	348	
9 FEET	64	-	-	-	64	722	1,432	722	324	97	149	38	27	3,511	3,575	
10 FEET	42	-	-	-	42	4,745	5,266	3,689	2,319	1,011	1,865	272	74	19,241	19,283	
11 FEET	83	-	-	-	83	6,611	8,116	7,654	4,098	2,485	5,288	928	245	35,425	35,508	
12 FEET	851	27	54	33	965	27,304	30,828	25,488	16,197	9,955	19,989	3,076	1,345	134,182	135,147	
GREATER THAN 12 FEET	-	-	-	-	-	1,522	2,504	1,640	1,177	726	1,451	385	145	9,550	9,550	
TOTAL UNDIVIDED	1.040	27	54	33	1.154	41.025	48.283	39.276	24.117	14.274	28.743	4.703	1.836	202.257	203.411	
DIVIDED:																
NO ACCESS CONTROL:																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 FEET	-	-	-	-	-	-	-	-	-	-	5	-	-	5	5	
10 FEET	-	-	-	-	-	-	1	-	6	8	131	108	64	318	318	
11 FEET	-	-	-	-	-	-	4	34	67	14	191	126	194	630	630	
12 FEET	-	-	-	-	-	2	172	360	854	727	4,492	2,291	2,345	11,243	11,243	
GREATER THAN 12 FEET	-	-	-	-	-	-	8	10	21	37	82	67	46	271	271	
SUBTOTAL	-	-	-	-	-	2	185	404	948	786	4,901	2,592	2,649	12,467	12,467	
PARTIAL ACCESS CONTROL: 4/																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 FEET	-	-	-	-	-	-	-	-	5	-	2	18	-	25	25	
11 FEET	-	-	-	-	-	-	2	5	-	1	21	16	63	108	108	
12 FEET	-	6	12	6	24	-	169	337	303	315	2,064	1,380	1,014	5,582	5,606	
GREATER THAN 12 FEET	-	-	-	-	-	-	2	1	27	2	20	34	5	91	91	
SUBTOTAL	-	6	12	6	24	-	173	343	335	318	2,107	1,448	1,082	5,806	5,830	
FULL ACCESS CONTROL: 4/																
LESS THAN 9 FEET	3	28	-	2	33	-	-	-	-	-	-	5	-	5	38	
9 FEET	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	
10 FEET	-	11	7	-	18	-	-	-	-	-	-	-	40	40	58	
11 FEET	-	-	4	1	5	-	-	-	-	-	-	-	-	-	5	
12 FEET	4,406	6,073	11,678	9,705	31,862	41	-	226	582	218	1,967	1,142	1,319	5,495	37,357	
GREATER THAN 12 FEET	-	132	206	112	450	-	-	-	-	-	-	8	-	8	458	
SUBTOTAL	4,409	6,244	11,895	9,821	32,369	41	-	226	582	218	1,967	1,155	1,359	5,548	37,917	
TOTAL DIVIDED	4.409	6.250	11.907	9.827	32.393	43	358	973	1.865	1.322	8.975	5.195	5.090	23.821	56.214	
TOTAL	5.449	6.277	11.961	9.860	33.547	41.068	48.641	40.249	25.982	15.596	37.718	9.898	6.926	226.078	259.625	

Roadway Extent, Characteristics, and Performance

FEDERAL-AID HIGHWAY SYSTEMS - 1990¹
MILEAGE CLASSIFIED BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-39
 SHEET 2 OF 3
 SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE SYSTEM - URBAN 2/					FEDERAL-AID PRIMARY HIGHWAY SYSTEM - URBAN 3/					TOTAL	URBAN - FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE		
	AVERAGE DAILY TRAFFIC VOLUME					AVERAGE DAILY TRAFFIC VOLUME								
	LESS THAN 15,000	15,000-34,999	35,000-59,999	60,000-99,999	100,000 AND OVER	LESS THAN 5,000	5,000-9,999	10,000-14,999	15,000-19,999	20,000-29,999			30,000-39,999	40,000 AND OVER
UNDIVIDED:														
LESS THAN 9 FEET	-	-	-	-	-	3	7	1	1	-	-	-	12	12
9 FEET	-	-	-	-	-	22	27	30	25	12	-	-	121	121
10 FEET	-	1	-	-	-	232	442	372	247	326	172	26	1,817	1,818
11 FEET	-	-	-	1	-	403	830	564	341	396	90	46	2,670	2,672
12 FEET	19	13	15	12	41	1,736	3,426	3,020	1,691	1,176	413	126	11,588	11,688
GREATER THAN 12 FEET	-	-	-	-	-	216	577	767	512	244	34	9	2,359	2,359
TOTAL UNDIVIDED	19	14	15	13	42	2,612	5,909	4,754	2,817	2,154	714	207	18,567	18,670
DIVIDED:														
NO ACCESS CONTROL:														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	4
9 FEET	-	-	-	-	-	-	37	27	52	70	74	74	338	338
10 FEET	-	-	-	-	-	-	723	71	74	186	146	147	697	697
11 FEET	-	-	-	-	-	138	723	1,074	1,028	1,915	836	753	6,467	6,467
12 FEET	-	-	-	-	-	15	67	74	72	145	37	30	440	440
GREATER THAN 12 FEET	-	-	-	-	-	158	895	1,246	1,226	2,316	1,101	1,004	7,946	7,946
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARTIAL ACCESS CONTROL: 4/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	1
9 FEET	-	-	-	-	-	-	-	-	-	1	-	-	44	44
10 FEET	-	-	-	-	-	-	-	-	8	1	34	47	194	194
11 FEET	-	-	-	-	-	12	12	20	73	25	5	376	2,903	2,903
12 FEET	1	9	1	-	-	91	457	542	515	592	319	4	61	61
GREATER THAN 12 FEET	-	1	-	-	-	1	10	17	10	8	10	4	60	60
SUBTOTAL	1	10	1	-	-	104	479	579	606	627	335	461	3,191	3,203
FULL ACCESS CONTROL: 4/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9 FEET	-	-	-	-	-	-	4	-	-	-	-	-	12	12
10 FEET	-	1	1	30	-	-	-	-	-	4	-	2	44	44
11 FEET	-	3	5	22	42	-	4	9	13	11	42	52	203	203
12 FEET	858	2,923	2,638	2,485	2,271	76	254	367	343	625	673	1,974	15,487	15,487
GREATER THAN 12 FEET	22	55	27	26	3	1	1	2	2	14	7	1	161	161
SUBTOTAL	880	2,982	2,671	2,563	2,316	77	263	384	358	654	722	2,033	4,491	15,903
TOTAL DIVIDED	881	2,992	2,672	2,563	2,316	339	1,637	2,209	2,190	3,597	2,158	3,498	15,628	27,052
TOTAL	900	3,006	2,687	2,576	2,358	2,951	6,946	6,963	5,007	5,751	2,872	3,705	34,195	45,722

FEDERAL-AID HIGHWAY SYSTEMS - 1990¹

MILEAGE CLASSIFIED BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-99
 SHEET 3 OF 3
 SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL							FEDERAL-AID URBAN HIGHWAY SYSTEM						
	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 100	100- 499	500- 999	1,000- 4,999	5,000- 9,999	10,000 AND OVER		LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999	20,000 AND OVER	
UNDIVIDED:														
LESS THAN 9 FEET	2,176	4,984	2,144	492	-	-	9,796	798	864	377	201	62	10	2,312
9 FEET	3,379	14,626	8,892	12,712	362	24	39,995	2,144	3,552	1,259	931	412	71	8,369
10 FEET	7,080	44,088	27,398	38,648	1,607	411	119,232	3,347	8,353	4,650	5,615	3,063	1,245	26,273
11 FEET	9,231	27,251	21,293	32,178	2,582	480	93,015	1,571	5,263	3,723	5,592	3,720	1,357	21,226
12 FEET	10,437	40,107	21,994	43,419	7,287	2,014	125,258	3,411	10,527	9,462	15,512	12,725	3,475	55,112
GREATER THAN 12 FEET	1,516	2,818	1,136	3,620	898	146	10,134	894	3,521	2,831	5,005	3,480	441	16,172
TOTAL UNDIVIDED	33,819	133,874	82,857	131,069	12,736	3,075	397,430	12,165	32,080	22,302	32,856	23,462	6,599	129,464
DIVIDED:														
NO ACCESS CONTROL:														
LESS THAN 9 FEET	-	-	-	-	-	-	-	3	2	-	-	-	1	6
9 FEET	-	-	-	-	-	-	-	4	1	7	35	8	14	69
10 FEET	-	-	-	145	16	13	174	18	73	60	199	304	435	1,089
11 FEET	-	12	-	100	2	-	114	61	58	41	155	819	1,181	2,315
12 FEET	-	-	100	943	189	366	1,598	77	216	440	1,414	3,573	5,330	11,050
GREATER THAN 12 FEET	-	-	-	11	119	23	153	2	86	48	287	352	253	1,028
SUBTOTAL	-	12	100	1,199	326	402	2,039	165	436	596	2,090	5,056	7,214	15,557
PARTIAL ACCESS CONTROL: 4/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	1	-	1	4	2	-	8
10 FEET	-	-	-	-	-	-	-	-	2	-	40	14	28	84
11 FEET	-	-	-	5	-	20	25	-	-	2	44	36	171	253
12 FEET	-	-	19	257	103	28	407	4	15	26	264	399	929	1,637
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	6	2	6	22	22	58
SUBTOTAL	-	-	19	262	103	48	432	5	23	31	358	473	1,150	2,040
FULL ACCESS CONTROL: 4/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	4	-	4
10 FEET	-	-	-	-	-	-	-	-	-	-	2	-	-	2
11 FEET	-	-	-	-	-	-	-	-	-	-	35	12	26	73
12 FEET	-	-	15	34	12	12	73	-	-	1	42	122	338	503
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	1	36	37
SUBTOTAL	-	-	15	34	12	12	73	-	-	1	79	139	400	619
TOTAL DIVIDED	-	12	134	1,495	441	462	2,544	170	459	628	2,527	5,668	8,764	18,216
TOTAL	33,819	133,886	82,991	132,564	13,177	3,537	399,974	12,335	32,539	22,930	35,383	29,130	15,363	147,680

1/ AS EXPANDED FROM THE 1990 HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 49 STATES AND THE DISTRICT OF COLUMBIA. FOR OHIO, 1989 DATA WERE FACTORED TO 1990 TOTALS BY FHWA.

2/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.

3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

4/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO POSSIBLE INTERCHANGES, THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

INTERSTATE SYSTEM MILEAGE - 1990

FREE, TOLL AND OTHER DESIGNATED CATEGORIES

(UNADJUSTED DATA)

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-45
 SEPTEMBER 1991

STATE	INTERSTATE SYSTEM												FEDERAL-AID PRIMARY SYSTEM DESIGNATED FUTURE INTERSTATE		
	COMPLETED AND OPEN TO TRAFFIC						INCOMPLETE OR NOT OPEN TO TRAFFIC								
	TITLE 23 U.S.C., SECTIONS 103(E)(1) 1/, 103(E)(2) 2/, 103(E)(3) 3/ AND 139(C) 4/			TITLE 23 U.S.C., SECTION 139(A) 5/			TITLE 23 U.S.C., SECTIONS 103(E)(1) 1/, 103(E)(2) 2/, 103(E)(3) 3/ AND 139(C) 4/			TITLE 23 U.S.C., SECTION 139(A) 5/			TITLE 23 U.S.C., SECTION 139(B) 6/		
	FREE	TOLL	TOTAL	FREE	TOLL	TOTAL	FREE	TOLL	TOTAL	FREE	TOLL	TOTAL	FREE	TOLL	TOTAL
ALABAMA	889	-	889	-	-	-	16	-	16	-	-	-	2	-	2
ALASKA	1,089	-	1,089	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	1,168	-	1,168	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS	526	-	526	16	-	16	-	-	-	-	-	99	-	99	
CALIFORNIA	2,279	10	2,289	105	5	110	22	-	22	3	-	3	46	-	46
COLORADO	942	-	942	-	-	-	11	-	11	-	-	-	22	-	22
CONNECTICUT	199	88	287	55	-	55	4	-	4	-	-	-	-	-	-
DELAWARE	26	14	40	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	12	-	12	-	-	-	1	-	1	-	-	-	-	-	-
FLORIDA	1,379	36	1,415	7	-	7	49	-	49	-	-	-	-	-	-
GEORGIA	1,208	-	1,208	36	-	36	-	-	-	-	-	-	-	-	-
HAWAII	44	-	44	-	-	-	12	-	12	-	-	-	-	-	-
IDAHO	605	-	605	-	-	-	7	-	7	-	-	-	-	-	-
ILLINOIS	1,560	155	1,715	119	125	244	-	-	-	-	-	-	91	-	91
INDIANA	978	157	1,135	5	-	5	-	-	-	-	-	-	12	-	12
IOWA	782	-	782	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	635	187	822	-	50	50	-	-	-	-	-	-	-	-	-
KENTUCKY	741	-	741	21	-	21	3	-	3	-	-	-	-	-	-
LOUISIANA	821	-	821	20	-	20	52	-	52	-	-	-	-	-	-
MAINE	260	55	315	-	50	50	-	-	-	-	-	-	-	-	-
MARYLAND	335	56	391	9	-	9	-	-	-	-	-	-	81	-	81
MASSACHUSETTS	330	134	464	100	3	103	-	3	3	-	-	-	-	-	-
MICHIGAN	1,154	6	1,160	67	-	67	32	-	32	-	-	-	-	-	-
MINNESOTA	905	-	905	-	-	-	8	-	8	-	-	-	-	-	-
MISSISSIPPI	685	-	685	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	1,159	-	1,159	19	-	19	-	-	-	-	-	-	24	-	24
MONTANA	1,191	-	1,191	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA	481	-	481	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	544	-	544	1	-	1	-	-	-	-	-	-	47	-	47
NEW HAMPSHIRE	198	21	219	6	-	6	-	-	-	-	-	-	-	-	-
NEW JERSEY	304	92	396	-	-	-	25	-	25	-	-	-	-	-	-
NEW MEXICO	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	905	488	1,393	72	33	105	1	-	1	-	-	-	-	-	-
NORTH CAROLINA	831	-	831	106	-	106	17	-	17	-	-	-	-	-	-
NORTH DAKOTA	571	-	571	-	-	-	8	-	8	-	-	-	-	-	-
OHIO 2/	1,324	206	1,530	-	35	35	-	-	-	-	-	-	-	-	-
OKLAHOMA	634	174	808	35	85	120	-	-	-	-	-	-	-	-	-
OREGON	721	-	721	7	-	7	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	1,180	362	1,542	29	-	29	17	-	17	-	-	-	-	-	-
RHODE ISLAND	70	-	70	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	754	-	754	36	-	36	18	-	18	-	-	-	111	-	111
SOUTH DAKOTA	678	-	678	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	1,038	-	1,038	24	-	24	-	-	-	-	-	-	-	-	-
TEXAS	3,158	-	3,158	70	-	70	6	-	6	-	-	-	-	-	-
UTAH	937	-	937	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT	320	-	320	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	1,048	3	1,051	2	23	25	24	-	24	-	-	-	23	-	23
WASHINGTON	762	-	762	-	-	-	2	-	2	-	-	-	-	-	-
WEST VIRGINIA	431	87	518	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	579	-	579	61	-	61	-	-	-	-	-	-	-	-	-
WYOMING	914	-	914	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	41,284	2,331	43,615	1,028	409	1,437	335	3	338	3	-	3	558	-	558

1/ ORIGINAL INTERSTATE SYSTEM DESIGNATION (NOT TO EXCEED 41,000 MILES).
 2/ HOWARD CRAMER ADDITIONS (500 MILES).
 3/ 1968 FEDERAL-AID HIGHWAY ACT ADDITIONS (UP TO 1,500 MILES).
 4/ ADDITIONS FOR ALASKA AND PUERTO RICO (FEDERAL-AID HIGHWAY ACT OF 1981).

5/ LOGICAL ADDITIONS OR CONNECTIONS CONSTRUCTED TO INTERSTATE SYSTEM STANDARDS.
 6/ PROPOSED FUTURE ADDITIONS WHICH ARE NOW PART OF THE FEDERAL-AID PRIMARY SYSTEM.
 7/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 DATA NOT AVAILABLE).

NATIONAL NETWORK FOR TRUCKS - 1990¹

SHOWING PERCENT OF FEDERAL-AID PRIMARY (FAP) AND OF TOTAL MILEAGES

MILEAGE COMPILED IN COOPERATION
WITH STATE AUTHORITIESTABLE HM-49
SEPTEMBER 1991

STATE	OPEN-TO-TRAFFIC MILEAGE				NON-INTERSTATE FAP DESIGNATED TRUCK ROUTE MILEAGE	TRUCK ROUTE MILEAGE INCLUDING NON-INTERSTATE FAP AND INTERSTATE	ANALYSIS		
	INTERSTATE	NON-INTERSTATE FEDERAL-AID PRIMARY	TOTAL FEDERAL-AID PRIMARY INCLUDING INTERSTATE	TOTAL PUBLIC ROAD MILEAGE			DESIGNATED FAP MILEAGE AS PERCENT OF NON-INTERSTATE PRIMARY	AS PERCENT OF TOTAL PRIMARY INCLUDING INTERSTATE	AS PERCENT OF TOTAL PUBLIC ROAD MILEAGE
ALABAMA 2/ ALASKA 2/ ARIZONA 2/ ARKANSAS 3/	889 1,089 1,169 542	6,762 1,019 4,107 5,215	7,651 2,108 5,276 5,757	90,672 13,485 51,612 77,085	1,292 - 3,273 5,215	2,181 483 4,442 5,757	19.11 0.00 79.69 100.00	28.51 22.91 84.19 100.00	2.41 3.58 8.61 7.47
CALIFORNIA 2/ COLORADO 3/ CONNECTICUT 2/ DELAWARE 2/	2,999 942 341 41	11,078 4,305 1,270 443	13,477 5,247 1,611 484	163,574 77,680 19,991 5,444	6,741 4,305 129 184	9,140 5,247 470 225	60.85 100.00 10.16 41.53	67.82 100.00 29.17 46.49	5.59 6.75 2.35 4.13
DIST. OF COL. 2/ FLORIDA 2/ GEORGIA 2/ HAWAII 2/	12 1,426 1,245 43	178 8,010 10,122 511	190 9,436 11,367 554	1,102 108,085 109,601 4,099	4 502 599 501	16 1,928 1,844 544	2.25 6.27 5.92 98.04	8.42 20.43 16.22 98.19	1.45 1.78 1.68 13.27
IDAHO 2/ ILLINOIS 4/ INDIANA 3/ IOWA 2/	605 1,961 1,148 782	2,757 9,877 5,005 8,753	3,362 11,838 6,153 9,535	62,435 135,944 91,908 112,541	1,939 142 5,005 7,205	2,544 2,103 6,153 7,987	70.33 1.44 100.00 82.31	75.67 17.76 100.00 83.77	4.07 1.55 6.69 7.10
KANSAS 5/ KENTUCKY 2/ LOUISIANA 5/ MAINE 2/	872 763 844 366	8,050 3,846 3,132 2,010	8,922 4,609 3,976 2,376	133,578 69,668 58,620 22,389	8,048 1,969 3,127 12	8,920 2,732 3,971 378	99.98 51.20 99.84 0.60	99.98 69.28 99.87 15.91	6.68 3.92 6.77 1.69
MARYLAND 2/ MASSACHUSETTS 2/ MICHIGAN 2/ MINNESOTA 2/	400 567 1,227 905	2,205 2,210 7,227 9,303	2,605 2,777 8,454 10,208	28,752 34,076 117,449 129,397	385 88 5,292 3,940	785 655 6,519 4,845	17.46 3.98 73.23 42.35	30.13 23.59 77.11 47.46	2.73 1.92 5.55 3.74
MISSISSIPPI 3/ MISSOURI 2/ MONTANA 5/ NEBRASKA 5/	684 1,177 1,191 481	5,777 7,020 5,454 7,194	6,461 8,197 6,645 7,675	72,520 120,527 71,387 92,403	5,777 2,822 5,419 7,187	6,461 3,999 6,610 7,668	100.00 40.20 99.36 99.90	100.00 48.79 99.47 99.91	8.91 3.32 9.26 8.30
NEVADA 5/ NEW HAMPSHIRE 2/ NEW JERSEY 2/ NEW MEXICO 2/	545 224 396 1,000	1,856 1,133 1,479 3,888	2,401 1,357 1,875 4,888	45,524 14,836 34,252 54,736	1,824 14 29 2,646	2,369 238 425 3,646	98.28 1.24 1.96 68.06	98.67 17.54 22.67 74.59	5.20 1.60 1.24 6.66
NEW YORK 2/ NORTH CAROLINA 2/ NORTH DAKOTA 2/ OHIO 5/ 6/	1,500 937 570 1,572	8,446 4,444 5,540 6,589	9,946 5,381 6,110 8,161	111,242 94,690 86,517 113,600	2,471 2,334 1,669 6,558	3,971 3,271 2,239 8,130	29.26 52.52 30.13 99.53	39.93 60.79 36.64 99.62	3.57 3.45 2.59 7.16
OKLAHOMA 3/ OREGON 2/ PENNSYLVANIA 2/ RHODE ISLAND 2/	930 727 1,569 70	5,307 5,046 9,913 434	6,237 5,773 11,482 504	111,765 94,969 116,508 6,111	5,307 4,236 1,707 25	6,237 4,963 3,276 95	100.00 83.95 17.22 5.76	100.00 85.97 28.53 18.85	5.58 5.23 2.81 1.55
SOUTH CAROLINA 2/ SOUTH DAKOTA 3/ TENNESSEE 2/ TEXAS 5/	791 678 1,062 3,229	5,682 5,799 6,165 16,774	6,473 6,477 7,227 20,003	64,046 74,696 84,639 305,951	1,115 5,799 1,543 16,772	1,906 6,477 2,605 20,001	19.62 100.00 25.03 99.99	29.45 100.00 36.05 99.99	2.98 8.67 3.08 6.54
UTAH 5/ VERMONT 2/ VIRGINIA 2/ WASHINGTON 3/	938 320 1,076 759	2,615 1,124 5,413 5,023	3,553 1,444 6,489 5,782	43,244 14,121 67,700 81,299	2,614 30 2,045 5,023	3,552 350 3,121 5,782	99.96 2.67 37.78 100.00	99.97 24.24 48.10 100.00	8.21 2.48 4.61 7.11
WEST VIRGINIA 2/ WISCONSIN 2/ WYOMING 5/	517 640 913	2,447 9,326 2,990	2,964 9,966 3,903	34,592 109,876 39,213	499 5,512 2,989	1,016 6,152 3,902	20.39 59.10 99.97	34.28 61.73 99.97	2.94 5.60 9.95
U.S. TOTAL	45,074	260,273	305,347	3,880,151	153,863	198,331	59.12	64.95	5.11
PUERTO RICO 2/	198	523	721	13,396	79	277	15.11	38.42	2.07
GRAND TOTAL	45,272	260,796	306,068	3,893,547	153,942	198,608	59.03	64.89	5.10

1/ AS ESTABLISHED BY THE SURFACE TRANSPORTATION ASSISTANCE ACT OF 1982, THE NETWORK ALLOWS THE OPERATION OF TRUCK TRACTOR AND 48-FOOT TRAILER COMBINATIONS AND TRUCK TRACTOR AND 28-FOOT TWIN TRAILER COMBINATIONS THAT ARE 102 INCHES WIDE WITH NO OVERALL LENGTH LIMITATIONS. A NUMBER OF STATES HAVE DESIGNATED A SIGNIFICANT AMOUNT OF ADDITIONAL MILEAGE ON THE FAP SYSTEM AND ON OTHER ROUTES. THE NETWORK INCLUDES ALMOST ALL OF THE INTERSTATE SYSTEM.

2/ NON-INTERSTATE FEDERAL-AID PRIMARY BASED ON DATA REPORTED IN HPMS.

3/ THESE STATES HAVE DESIGNATED ALL OR ALMOST ALL OF THE FEDERAL-AID PRIMARY SYSTEM. DESIGNATED FEDERAL-AID PRIMARY REPORTED IN HPMS HAS BEEN USED.

4/ DESIGNATED NON-INTERSTATE FAP MILEAGE ESTIMATED BY FHWA FROM HPMS BASE DATA AND/OR OTHER CONSIDERATIONS.

5/ THESE STATES HAVE DESIGNATED ALL OR ALMOST ALL OF THE FEDERAL-AID PRIMARY SYSTEM. NON-INTERSTATE FEDERAL-AID PRIMARY BASED ON DATA REPORTED IN HPMS.

6/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

JURISDICTION - RURAL - 1990

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-50
 SHEET 1 OF 4
 SEPTEMBER 1991

STATE	INTERSTATE		OTHER PRINCIPAL ARTERIAL					MINOR ARTERIAL					
	UNDER STATE CONTROL	UNDER STATE CONTROL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL
			COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/		
ALABAMA	642	1,994	-	-	-	-	1,994	3,822	25	-	3	44	3,894
ALASKA	1,038	53	-	-	-	-	53	902	-	-	-	-	902
ARIZONA	1,039	1,037	-	-	-	-	1,037	2,151	-	-	-	30	2,181
ARKANSAS	419	1,931	-	-	-	-	1,931	3,167	-	-	-	-	3,167
CALIFORNIA	1,416	2,839	-	-	-	93	2,932	6,449	60	-	-	87	6,596
COLORADO	793	1,901	-	-	-	-	1,901	1,945	-	-	-	2	1,947
CONNECTICUT	109	226	-	-	-	-	226	464	-	8	-	-	472
DELAWARE	-	153	-	-	-	1	154	182	-	-	1	-	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	1,010	2,666	12	-	-	-	2,678	3,371	37	-	1	-	3,409
GEORGIA	873	2,683	7	-	-	15	2,705	5,743	47	-	6	78	5,874
HAWAII	5	13	-	-	-	-	13	382	5	-	-	-	387
IDAHO	530	1,648	-	-	-	-	1,648	1,027	-	-	-	-	1,027
ILLINOIS	1,415	2,729	9	3	-	-	2,741	5,058	13	7	3	-	5,081
INDIANA	863	1,102	-	-	-	-	1,102	3,126	8	-	-	-	3,134
IOWA	645	3,128	21	-	4	-	3,153	4,760	114	-	16	-	4,890
KANSAS	712	3,250	-	-	-	-	3,250	4,465	-	-	-	-	4,465
KENTUCKY	579	1,638	-	-	-	-	1,638	1,756	-	-	-	-	1,756
LOUISIANA	656	1,084	-	-	-	-	1,084	1,575	-	-	-	-	1,575
MAINE	313	736	-	-	-	-	736	1,088	-	-	-	-	1,088
MARYLAND	169	499	-	-	-	-	499	1,129	13	-	-	-	1,142
MASSACHUSETTS	170	229	-	12	-	1	242	539	-	229	1	-	769
MICHIGAN	772	2,398	-	-	-	-	2,398	3,852	17	-	-	-	3,869
MINNESOTA	688	3,355	2	-	-	-	3,357	5,322	1	-	-	-	5,323
MISSISSIPPI	560	1,576	-	-	-	-	1,576	3,842	10	-	6	279	4,137
MISSOURI	841	2,762	-	-	-	-	2,762	3,706	-	-	-	-	3,706
MONTANA	1,144	2,102	-	-	-	-	2,102	3,261	-	-	-	51	3,312
NEBRASKA	444	2,719	-	-	-	-	2,719	4,211	-	-	1	-	4,212
NEVADA	499	607	-	-	-	2	609	1,178	-	-	-	-	1,178
NEW HAMPSHIRE	180	319	-	-	-	-	319	664	-	-	-	-	664
NEW JERSEY	126	279	-	-	-	-	279	599	46	-	-	-	646
NEW MEXICO	906	1,976	-	-	-	-	1,976	2,288	5	-	1	-	2,293
NEW YORK	854	1,756	26	-	6	-	1,788	4,514	97	6	13	-	4,630
NORTH CAROLINA	709	2,003	-	-	-	-	2,003	1,765	-	-	-	274	2,039
NORTH DAKOTA	530	1,207	-	-	-	-	1,207	4,198	-	-	-	-	4,198
OHIO 3/	847	1,680	-	-	-	-	1,680	3,312	-	-	1	-	3,313
OKLAHOMA	723	1,879	-	-	-	-	1,879	3,220	-	-	-	-	3,220
OREGON	595	2,250	-	-	-	6	2,256	2,396	69	-	2	-	2,467
PENNSYLVANIA	1,166	1,787	-	1	-	-	1,788	5,951	-	15	-	-	5,966
RHODE ISLAND	21	74	-	-	-	-	74	84	-	8	-	-	92
SOUTH CAROLINA	673	1,519	-	-	-	-	1,519	3,437	-	-	-	-	3,437
SOUTH DAKOTA	631	2,312	-	-	-	6	2,318	3,345	-	-	-	42	3,387
TENNESSEE	780	1,059	-	-	-	-	1,059	4,168	-	-	-	-	4,168
TEXAS	2,282	7,902	-	-	1	-	7,903	6,913	1	-	-	-	6,914
UTAH	792	670	-	-	-	11	681	1,835	5	-	-	23	1,863
VERMONT	286	286	-	-	7	-	293	726	-	-	22	-	748
VIRGINIA	777	1,518	-	-	-	-	1,520	3,234	3	-	-	308	3,545
WASHINGTON	519	1,796	-	-	-	2	1,796	2,577	-	-	-	-	2,577
WEST VIRGINIA	427	509	3	-	-	-	512	1,728	-	-	-	-	1,728
WISCONSIN	516	3,267	22	-	-	-	3,289	4,962	102	1	3	-	5,068
WYOMING	863	1,023	-	-	-	-	1,023	1,787	-	-	-	309	2,096
TOTAL	33,647	83,529	102	16	18	137	83,802	142,176	678	274	80	1,527	144,735
PERCENT/SYSTEM	100.0	99.6	0.2	0.0	0.0	0.2	100.0	98.2	0.4	0.2	0.1	1.1	100.0

JURISDICTION - URBAN - 1990
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-50
SHEET 3 OF 4
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS				OTHER PRINCIPAL ARTERIAL				TOTAL
	UNDER STATE CONTROL	UNDER LOCAL CONTROL	UNDER FEDERAL CONTROL Z/	TOTAL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS I/	UNDER STATE CONTROL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS I/	UNDER FEDERAL CONTROL Z/	
ALABAMA	247			21				958	1		49		1,008
ALASKA	51							106					106
ARIZONA	130			39		4		124	42		824	3	993
ARKANSAS	123			105				579	2		54		635
CALIFORNIA	993			1,263	61	15		1,060	727		4,154		5,941
COLORADO	149			164	8	4		488	94		347		929
CONNECTICUT	232			191				623		81			710
DELAWARE	41			1				136					136
DIST. OF COL.	18			24				89	5				99
FLORIDA	416			269				1,905	62		25		1,935
GEORGIA	372			148	4	2		1,966	24		39	1	1,468
HAWAII	38			53				70					94
IDAHO	75							128		11	45		184
ILLINOIS	546			63	5			2,115	131	6	120		2,372
INDIANA	285			112	7	8		1,015	82		249		1,346
IOWA	137							654	16		251		921
KANSAS	180			90		15		327			250		577
KENTUCKY	184			90				467	47		10		497
LOUISIANA	188			28		3		899			72		1,018
MAINE	53			14				221			2		223
MARYLAND	231			191		6		903	72		210	6	891
MASSACHUSETTS	397			274				711			1,134		1,645
MICHIGAN	455			200		1		1,096	559		295		1,952
MINNESOTA	217			138				523	27		29		585
MISSISSIPPI	124			34				418	5		167	10	600
MISSOURI	356			270		19		646	65		328		1,039
MONTANA	47							103	12		56		171
NEBRASKA	37			10		1		272	8		95		375
NEVADA	46			36				116			27	2	172
NEW HAMPSHIRE	44			33				105	27		85		190
NEW JERSEY	270			269				899	390		67		1,356
NEW MEXICO	94			3				323	11		125		459
NEW YORK	546			752	41	74		1,373	189	7	638		2,407
NORTH CAROLINA	228			207				1,692			50	4	1,746
NORTH DAKOTA	40							148			7		155
OHIO I/	725			367	4	6		1,657	71		389		2,157
OKLAHOMA	207			189		3		426	43		313		782
OREGON	132			85	2	1		452	36		97		565
PENNSYLVANIA	403			384	1			2,577	17	40	181		2,815
RHODE ISLAND	49			64				255		93			348
SOUTH CAROLINA	118			34				665	2		2		689
SOUTH DAKOTA	147			3		1		116	3	1	50		170
TENNESSEE	262							1,257	3		65		1,325
TEXAS	947			826	6	6		2,894	28		1,022		3,944
UTAH	146			13				227	7		14		248
VERMONT	34			15		6		63		3	43		109
VIRGINIA	299			187				998	23		14	67	1,002
WASHINGTON	240			192				431	254	61	513		1,259
WEST VIRGINIA	90			70		1		215	61		1		216
WISCONSIN	124			156		1		909	4		86		1,056
WYOMING	50			3				148			15		167
TOTAL	11,527			7,670	5	178		35,632	3,150	303	12,809	99	51,987
PERCENT/SYSTEM	100.0			100.0	1.8	2.3		68.5	6.1	0.6	24.6	0.2	100.0

JURISDICTION - URBAN - 1990 MILEAGE BY FUNCTIONAL SYSTEM

TABLE HN-50 SHEET 4 OF 4 SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990 COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, MINOR ARTERIAL, COLLECTOR, and LOCAL, each with sub-columns for UNDER STATE CONTROL, UNDER LOCAL CONTROL, and TOTAL. Rows list 50 states and a total row.

1/ INCLUDES MILEAGE OF TOLL AND OTHER ROADS THAT ARE NOT A PART OF THE STATE HIGHWAY SYSTEM...

2/ MILEAGE IN FEDERAL PARKS, FORESTS, AND RESERVATIONS THAT ARE NOT A PART OF THE STATE AND LOCAL HIGHWAY SYSTEMS. 3/ 1989 BASE DATA FACTORED TO 1990 LEVELS...

TYPE OF SURFACE - RURAL - 1990¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-51
 SHEET 1 OF 4
 SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE											OTHER PRINCIPAL ARTERIAL											MINOR ARTERIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	PAVED 3/						TOTAL					PAVED 3/					TOTAL						PAVED 3/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	HIGH TYPE			RIGID	TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	FLEXIBLE	COMPOS-ITE	RIGID	HIGH TYPE			RIGID	TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	FLEXIBLE	COMPOS-ITE	HIGH TYPE			RIGID	TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	FLEXIBLE	COMPOS-ITE	HIGH TYPE			RIGID	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	FLEXIBLE 2/	COMPOS-ITE	RIGID								FLEXIBLE	COMPOS-ITE	RIGID							FLEXIBLE	COMPOS-ITE	RIGID							FLEXIBLE	COMPOS-ITE	RIGID			FLEXIBLE	COMPOS-ITE	RIGID	FLEXIBLE	COMPOS-ITE	RIGID	FLEXIBLE	COMPOS-ITE	RIGID	FLEXIBLE	COMPOS-ITE	RIGID	FLEXIBLE	COMPOS-ITE	RIGID	FLEXIBLE	COMPOS-ITE	RIGID	FLEXIBLE	COMPOS-ITE	RIGID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
ALABAMA	464	22	156	642	13	1,038	1,942	39	1,994	63	3,770	61	1,994	53	3,823	63	3,770	61	3,831	57	3,888	63	3,823	61	3,884	902	4,786	61	4,847	61	4,908	61	4,969	61	5,030	61	5,091	61	5,152	61	5,213	61	5,274	61	5,335	61	5,396	61	5,457	61	5,518	61	5,579	61	5,640	61	5,701	61	5,762	61	5,823	61	5,884	61	5,945	61	6,006	61	6,067	61	6,128	61	6,189	61	6,250	61	6,311	61	6,372	61	6,433	61	6,494	61	6,555	61	6,616	61	6,677	61	6,738	61	6,799	61	6,860	61	6,921	61	6,982	61	7,043	61	7,104	61	7,165	61	7,226	61	7,287	61	7,348	61	7,409	61	7,470	61	7,531	61	7,592	61	7,653	61	7,714	61	7,775	61	7,836	61	7,897	61	7,958	61	8,019	61	8,080	61	8,141	61	8,202	61	8,263	61	8,324	61	8,385	61	8,446	61	8,507	61	8,568	61	8,629	61	8,690	61	8,751	61	8,812	61	8,873	61	8,934	61	8,995	61	9,056	61	9,117	61	9,178	61	9,239	61	9,300	61	9,361	61	9,422	61	9,483	61	9,544	61	9,605	61	9,666	61	9,727	61	9,788	61	9,849	61	9,910	61	9,971	61	10,032	61	10,093	61	10,154	61	10,215	61	10,276	61	10,337	61	10,398	61	10,459	61	10,520	61	10,581	61	10,642	61	10,703	61	10,764	61	10,825	61	10,886	61	10,947	61	11,008	61	11,069	61	11,130	61	11,191	61	11,252	61	11,313	61	11,374	61	11,435	61	11,496	61	11,557	61	11,618	61	11,679	61	11,740	61	11,801	61	11,862	61	11,923	61	11,984	61	12,045	61	12,106	61	12,167	61	12,228	61	12,289	61	12,350	61	12,411	61	12,472	61	12,533	61	12,594	61	12,655	61	12,716	61	12,777	61	12,838	61	12,899	61	12,960	61	13,021	61	13,082	61	13,143	61	13,204	61	13,265	61	13,326	61	13,387	61	13,448	61	13,509	61	13,570	61	13,631	61	13,692	61	13,753	61	13,814	61	13,875	61	13,936	61	14,000	61	14,060	61	14,121	61	14,182	61	14,243	61	14,304	61	14,365	61	14,426	61	14,487	61	14,548	61	14,609	61	14,670	61	14,731	61	14,792	61	14,853	61	14,914	61	14,975	61	15,036	61	15,097	61	15,158	61	15,219	61	15,280	61	15,341	61	15,402	61	15,463	61	15,524	61	15,585	61	15,646	61	15,707	61	15,768	61	15,829	61	15,890	61	15,951	61	16,012	61	16,073	61	16,134	61	16,195	61	16,256	61	16,317	61	16,378	61	16,439	61	16,500	61	16,561	61	16,622	61	16,683	61	16,744	61	16,805	61	16,866	61	16,927	61	16,988	61	17,049	61	17,110	61	17,171	61	17,232	61	17,293	61	17,354	61	17,415	61	17,476	61	17,537	61	17,598	61	17,659	61	17,720	61	17,781	61	17,842	61	17,903	61	17,964	61	18,025	61	18,086	61	18,147	61	18,208	61	18,269	61	18,330	61	18,391	61	18,452	61	18,513	61	18,574	61	18,635	61	18,696	61	18,757	61	18,818	61	18,879	61	18,940	61	19,001	61	19,062	61	19,123	61	19,184	61	19,245	61	19,306	61	19,367	61	19,428	61	19,489	61	19,550	61	19,611	61	19,672	61	19,733	61	19,794	61	19,855	61	19,916	61	19,977	61	20,038	61	20,099	61	20,160	61	20,221	61	20,282	61	20,343	61	20,404	61	20,465	61	20,526	61	20,587	61	20,648	61	20,709	61	20,770	61	20,831	61	20,892	61	20,953	61	21,014	61	21,075	61	21,136	61	21,197	61	21,258	61	21,319	61	21,380	61	21,441	61	21,502	61	21,563	61	21,624	61	21,685	61	21,746	61	21,807	61	21,868	61	21,929	61	21,990	61	22,051	61	22,112	61	22,173	61	22,234	61	22,295	61	22,356	61	22,417	61	22,478	61	22,539	61	22,600	61	22,661	61	22,722	61	22,783	61	22,844	61	22,905	61	22,966	61	23,027	61	23,088	61	23,149	61	23,210	61	23,271	61	23,332	61	23,393	61	23,454	61	23,515	61	23,576	61	23,637	61	23,698	61	23,759	61	23,820	61	23,881	61	23,942	61	24,003	61	24,064	61	24,125	61	24,186	61	24,247	61	24,308	61	24,369	61	24,430	61	24,491	61	24,552	61	24,613	61	24,674	61	24,735	61	24,796	61	24,857	61	24,918	61	24,979	61	25,040	61	25,101	61	25,162	61	25,223	61	25,284	61	25,345	61	25,406	61	25,467	61	25,528	61	25,589	61	25,650	61	25,711	61	25,772	61	25,833	61	25,894	61	25,955	61	26,016	61	26,077	61	26,138	61	26,199	61	26,260	61	26,321	61	26,382	61	26,443	61	26,504	61	26,565	61	26,626	61	26,687	61	26,748	61	26,809	61	26,870	61	26,931	61	26,992	61	27,053	61	27,114	61	27,175	61	27,236	61	27,297	61	27,358	61	27,419	61	27,480	61	27,541	61	27,602	61	27,663	61	27,724	61	27,785	61	27,846	61	27,907	61	27,968	61	28,029	61	28,090	61	28,151	61	28,212	61	28,273	61	28,334	61	28,395	61	28,456	61	28,517	61	28,578	61	28,639	61	28,700	61	28,761	61	28,822	61	28,883	61	28,944	61	29,005	61	29,066	61	29,127	61	29,188	61	29,249	61	29,310	61	29,371	61	29,432	61	29,493	61	29,554	61	29,615	61	29,676	61	29,737	61	29,798	61	29,859	61	29,920	61	29,981	61	30,042	61	30,103	61	30,164	61	30,225	61	30,286	61	30,347	61	30,408	61	30,469	61	30,530	61	30,591	61	30,652	61	30,713	61	30,774	61	30,835	61	30,896	61	30,957	61	31,018	61	31,079	61	31,140	61	31,201	61	31,262	61	31,323	61	31,384	61	31,445	61	31,506	61	31,567	61	31,628	61	31,689	61	31,750	61	31,811	61	31,872	61	31,933	61	31,994	61	32,055	61	32,116	61	32,177	61	32,238	61	32,299	61	32,360	61	32,421	61	32,482	61	32,543	61	32,604	61	32,665	61	32,726	61	32,787	61	32,848	61	32,909	61	32,970	61	33,031	61	33,092	61	33,153	61	33,214	61	33,275	61	33,336	61	33,397	61	33,458	61	33,519	61	33,580	61	33,641	61	33,702	61	33,763	61	33,824	61	33,885	61	33,946	61	34,007	61	34,068	61	34,129	61	34,190	61	34,251	61	34,312	61	34,373	61	34,434	61	34,495	61	34,556	61	34,617	61	34,678	61	34,739	61	34,800	61	34,861	61	34,922	61	34,983	61	35,044	61	35,105	61	35,166	61	35,227	61	35,288	61	35,349	61	35,410	61	35,471	61	35,532	61	35,593	61	35,654	61	35,715	61	35,776	61	35,837	61	35,898	61	35,959	61	36,020	61	36,081	61	36,142	61	36,203	61	36,264	61	36,325	61	36,386	61	36,447	61	36,508	61	36,569	61	36,630	61	36,691	61	36,752	61	36,813	61	36,874	61	36,935	61	37,000	61	37,060	61	37,121	61	37,182	61	37,243	61	37,304	61	37,365	61	37,426	61	37,487	61	37,548	61	37,609	61	37,670	61	37,731	61	37,792	61	37,853	61	37,914	61	37,975	61	38,036	61	38,097	61	38,158	61	38,219	61	38,280	61	38,341	61	38,402	61	38,463	61	38,524	61	38,585	61	38,646	61	38,707	61	38,768	61	38,829	61	38,890	61	38,951	61	

TYPE OF SURFACE - RURAL - 1990
MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-51
SHEET 2 OF 4
SEPTEMBER 1991

STATE	MAJOR COLLECTOR										MINOR COLLECTOR										
	UNPAVED 6/	LOM TYPE	INTER- MEDIATE TYPE	PAVED 3/			TOTAL	UNPAVED 6/	LOM TYPE	INTER- MEDIATE TYPE	PAVED 3/			TOTAL	UNPAVED 6/	LOM TYPE	INTER- MEDIATE TYPE	PAVED 3/			TOTAL
				FLEXIBLE	COMPOSITE	RIGID					FLEXIBLE	COMPOSITE	RIGID					FLEXIBLE	COMPOSITE	RIGID	
ALABAMA	256	3,745	2,780	4,624	176	11,325	11,581	3,369	1,938	1,346	65	6,718	253	3,369	1,938	1,346	65	6,718	6,971		
ALASKA	1,046	13	845	1,264	-	858	1,904	16	327	-	-	343	562	16	327	-	-	-	905		
ARIZONA	565	717	1,198	1,264	296	3,179	3,744	486	1,042	61	-	1,598	1,479	486	1,042	61	-	1,598	3,068		
ARKANSAS	1,142	459	4,243	6,310	-	11,308	12,450	1,054	1,105	606	-	2,759	3,761	1,054	1,105	606	-	2,759	6,530		
CALIFORNIA	731	491	3,795	7,613	186	12,190	12,921	605	4,161	4,082	7	8,855	1,036	605	4,161	4,082	7	8,855	9,891		
COLORADO	770	502	1,128	6,216	187	6,532	7,302	-	25	3,899	-	12,065	8,091	-	25	3,899	-	12,065	3,974		
CONNECTICUT	-	16	137	33	19	609	609	26	32	38	-	1,137	-	26	32	38	-	1,137	1,137		
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA	97	1,154	56	3,343	-	4,589	4,686	1,099	223	3,551	-	4,873	322	1,099	223	3,551	-	4,873	5,195		
GEORGIA	346	3,402	2,894	7,352	40	13,688	14,034	2,333	1,602	1,922	-	5,907	1,359	2,333	1,602	1,922	-	5,907	7,266		
HAWAII	-	10	19	429	-	458	458	-	20	33	-	113	-	-	-	-	-	-	113		
IDAHO	1,175	1,147	951	1,595	3	3,707	4,882	936	434	97	-	1,467	2,341	936	434	97	-	1,467	3,808		
ILLINOIS	778	1,705	325	6,937	2,170	13,421	14,196	1,651	149	654	8	2,692	883	1,651	149	654	8	2,692	3,576		
INDIANA	-	26	5,647	3,821	238	9,754	10,681	782	7,799	535	27	10,303	1,160	782	7,799	535	27	10,303	10,303		
IOWA	1,374	257	26	6,896	308	12,193	13,567	284	75	2,696	-	4,278	12,121	284	75	2,696	-	4,278	16,399		
KANSAS	11,891	2,131	7,749	821	106	10,937	22,728	167	511	49	60	787	8,534	167	511	49	60	787	9,321		
KENTUCKY	-	183	1,737	4,593	702	7,215	7,215	352	2,122	2,784	12	9,240	322	352	2,122	2,784	12	9,240	9,240		
LOUISIANA	-	-	1,237	5,405	632	7,552	7,552	188	2,424	1,826	23	4,505	188	188	2,424	1,826	23	4,505	4,505		
MAINE	-	2,209	1,067	-	-	3,276	3,276	1,981	189	-	1	2,117	-	1,981	189	-	1	2,117	2,254		
MARYLAND	-	45	168	1,709	-	1,911	1,911	376	348	1,125	-	1,884	29	376	348	1,125	-	1,884	1,893		
MASSACHUSETTS	38	815	85	6,999	-	1,969	2,007	46	754	891	15	1,884	258	46	754	891	15	1,884	1,961		
MICHIGAN	1,680	2,078	5,150	6,889	1,095	15,821	17,201	672	2,102	3,091	44	5,893	1,532	672	2,102	3,091	44	5,893	7,483		
MINNESOTA	1,623	-	8,795	5,967	619	14,961	16,604	4,449	6,568	459	2	7,429	4,449	4,449	6,568	459	2	7,429	11,878		
MISSISSIPPI	703	3,005	5,701	2,128	146	11,001	11,704	318	1,540	378	-	2,236	673	318	1,540	378	-	2,236	2,909		
MISSOURI	-	794	6,816	1,362	654	18,102	18,102	4,039	1,360	14	-	5,430	8,538	4,039	1,360	14	-	5,430	5,430		
MONTANA	2,839	354	1,080	2,428	-	8,842	6,681	59	591	63	-	713	8,538	59	591	63	-	713	9,251		
NEBRASKA	4,367	125	3,167	3,144	118	6,891	11,458	76	768	144	13	923	8,238	76	768	144	13	923	9,233		
NEVADA	50	-	181	2,097	-	2,278	2,328	-	333	847	-	2,455	1,275	-	333	847	-	2,455	2,455		
NEW HAMPSHIRE	-	566	55	585	11	1,235	1,235	1,086	224	991	6	1,890	2	1,086	224	991	6	1,890	1,890		
NEW JERSEY	-	-	77	1,580	77	1,734	1,734	3	224	991	27	1,228	209	3	224	991	27	1,228	1,230		
NEW MEXICO	280	1,102	1,564	1,230	25	3,921	4,201	1,249	815	100	-	1,254	209	1,249	815	100	-	1,254	2,373		
NEW YORK	-	-	630	3,512	1,990	6,293	6,293	936	5,497	3,437	799	10,669	130	936	5,497	3,437	799	10,669	10,799		
NORTH CAROLINA	-	314	-	9,949	20	10,511	10,511	2,161	-	6,856	-	9,050	-	2,161	-	6,856	-	9,050	9,050		
NORTH DAKOTA	4,488	1,335	1,222	3,997	55	6,509	11,107	163	193	66	-	4,422	7,066	163	193	66	-	4,422	7,488		
OHIO 5/	-	74	81	8,511	3,112	11,793	11,793	116	1,007	4,726	585	6,434	690	116	1,007	4,726	585	6,434	7,124		
OKLAHOMA	5,551	9,851	2,978	4,496	1,281	15,858	21,409	761	1,525	2,153	-	3,092	2,320	761	1,525	2,153	-	3,092	3,092		
OREGON	532	320	-	3,738	-	9,051	9,643	289	4,167	3,897	233	7,72	3,359	289	4,167	3,897	233	7,72	7,327		
PENNSYLVANIA	420	-	2,396	3,738	1,345	7,560	7,980	-	70	5	-	8,346	30	-	70	5	-	8,346	8,346		
RHODE ISLAND	-	47	117	24	13	201	201	78	-	-	-	153	-	78	-	-	-	153	153		
SOUTH CAROLINA	-	-	7,174	1,360	-	8,534	8,534	-	3,910	2	-	3,912	-	-	3,910	2	-	3,912	4,004		
SOUTH DAKOTA	4,032	4,350	1,156	3,877	380	7,466	11,498	476	1,179	31	-	6,965	92	476	1,179	31	-	6,965	6,965		
TENNESSEE	-	1,418	152	3,777	17	5,464	5,464	3,896	1,315	4,919	24	10,782	628	3,896	1,315	4,919	24	10,782	10,782		
TEXAS	-	1,023	2,052	33,782	875	37,937	37,937	1,198	1,429	15,679	101	18,452	63	1,198	1,429	15,679	101	18,452	18,452		
UTAH	491	-	688	1,977	4	2,669	3,160	-	1,012	313	-	4,170	2,845	-	1,012	313	-	4,170	4,170		
VERMONT	67	266	-	1,574	6	1,846	1,913	287	261	45	-	593	393	287	261	45	-	593	986		
VIRGINIA	-	3,806	1,054	5,283	53	10,206	10,206	1,750	206	443	-	2,399	-	1,750	206	443	-	2,399	2,399		
WASHINGTON	486	432	3,132	3,035	93	6,963	7,349	179	3,849	1,348	77	5,500	1,180	179	3,849	1,348	77	5,500	6,680		
WEST VIRGINIA	-	478	420	5,440	-	6,352	6,352	738	165	1,049	7	2,043	118	738	165	1,049	7	2,043	2,161		
WISCONSIN	-	-	3,276	9,621	834	13,742	13,742	-	1,380	4,563	346	6,506	214	-	1,380	4,563	346	6,506	6,506		
WYOMING	81	255	119	1,964	66	2,404	2,485	205	552	753	3	7,455	5,945	205	552	753	3	7,455	7,455		
TOTAL	48,169	57,413	97,049	206,530	17,327	388,196	436,365	36,822	70,778	83,122	2,588	195,467	99,445	36,822	70,778	83,122	2,588	195,467	293,912		
PERCENT/SYSTEM	11.0	13.2	22.3	47.2	4.0	89.0	100.0	12.6	24.1	28.1	0.9	66.5	33.5	12.6	24.1	28.1	0.9	66.5	100.0		

TYPE OF SURFACE - URBAN - 1990
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-51
SHEET 3 OF 4
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL					
	PAVED 3/			TOTAL	LOW TYPE	INTER-MEDIATE TYPE	PAVED 3/			TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	PAVED 3/			TOTAL		
	HIGH TYPE		RIGID				HIGH TYPE		RIGID				HIGH TYPE		RIGID			
	FLEXIBLE 2/	COMPOSITE					FLEXIBLE	COMPOSITE					FLEXIBLE	COMPOSITE				
ALABAMA	130	5	112	247	-	-	-	21	-	-	16	887	93	12	1,008			
ALASKA	51	-	46	51	-	-	-	-	-	-	101	-	-	-	106			
ARIZONA	74	10	108	130	-	-	-	39	-	-	293	639	-	15	993			
ARKANSAS	6	9	108	123	-	-	-	50	-	-	16	519	70	30	635			
CALIFORNIA	108	188	687	983	-	-	-	472	192	599	286	5,163	408	84	5,941			
COLORADO	93	5	51	149	-	4	-	134	14	12	21	776	101	31	929			
CONNECTICUT	47	146	39	232	-	-	-	45	88	58	225	151	317	17	710			
DELAWARE	-	17	24	41	-	-	-	-	1	-	7	120	76	33	136			
DIST. OF COL.	3	9	-	12	-	-	-	3	17	4	-	-	-	10	99			
FLORIDA	270	30	116	416	-	-	-	261	8	8	-	1,764	86	85	1,935			
GEORGIA	122	99	151	372	1	-	-	115	-	32	4	1,444	-	18	1,468			
HAWAII	24	-	14	38	-	-	-	53	-	-	-	94	-	-	94			
IDAHO	42	-	33	75	-	-	-	-	-	-	10	154	3	7	184			
ILLINOIS	2	360	184	546	-	-	-	-	39	43	-	113	1,685	568	2,372			
INDIANA	31	195	59	285	-	-	-	11	41	60	-	392	546	208	1,346			
IOWA	5	25	107	137	-	-	-	-	-	-	-	78	318	520	921			
KANSAS	36	31	93	160	-	-	-	12	32	46	55	231	143	148	577			
KENTUCKY	45	31	108	184	-	-	-	36	5	49	7	302	137	51	497			
LOUISIANA	11	28	149	188	-	-	-	13	4	11	6	266	409	337	1,018			
MAINE	53	-	-	53	-	12	-	-	-	2	218	-	3	-	223			
MARYLAND	135	23	73	231	-	-	-	183	-	28	11	800	26	54	891			
MASSACHUSETTS	384	9	4	397	-	-	-	267	7	-	343	1,492	5	1	1,845			
MICHIGAN	165	195	287	455	-	-	-	10	58	132	152	348	981	445	1,952			
MINNESOTA	7	72	138	217	-	12	-	64	15	46	136	171	163	125	585			
MISSISSIPPI	24	39	61	124	-	-	-	27	1	6	58	418	40	83	600			
MISSOURI	-	228	108	336	-	-	-	19	56	195	35	556	247	200	1,039			
MONTANA	25	-	22	47	-	-	-	-	-	5	5	160	-	6	171			
NEBRASKA	3	1	33	37	-	-	-	-	-	10	2	109	43	221	375			
NEVADA	8	-	38	46	-	-	-	15	-	21	13	159	-	-	172			
NEW HAMPSHIRE	44	-	-	44	-	-	-	26	-	-	1	163	20	190	1,356			
NEW JERSEY	137	13	120	270	-	-	-	151	24	94	164	891	328	196	1,356			
NEW MEXICO	41	37	16	94	3	-	-	-	-	-	15	255	4	21	459			
NEW YORK	35	322	289	646	-	-	-	-	378	292	2	518	1,686	201	2,407			
NORTH CAROLINA	79	3	126	226	-	-	-	137	5	85	-	1,710	3	30	1,746			
NORTH DAKOTA	2	10	164	40	-	-	-	-	-	40	5	96	12	41	155			
OHIO 5/	22	539	184	725	-	-	-	-	166	162	13	1,068	916	172	2,157			
OKLAHOMA	110	8	89	207	-	-	-	59	35	95	-	375	110	177	782			
OREGON	43	5	84	132	-	-	-	21	1	2	3	514	25	23	565			
PENNSYLVANIA	59	161	203	403	-	6	-	52	77	280	357	866	1,315	283	2,815			
RHODE ISLAND	4	45	-	49	-	7	-	49	4	4	139	204	4	1	348			
SOUTH CAROLINA	61	-	57	118	-	-	-	33	-	1	101	410	176	2	689			
SOUTH DAKOTA	-	75	47	282	-	-	-	-	-	3	6	38	172	102	1,770			
TENNESSEE	291	121	86	497	4	-	-	340	128	354	-	2,451	827	559	3,944			
TEXAS	-	253	403	947	-	-	-	-	-	-	-	-	-	-	-			
UTAH	54	-	92	146	-	-	-	9	-	4	8	237	1	2	248			
VERMONT	34	-	-	34	1	-	-	14	-	-	-	106	-	2	109			
VIRGINIA	105	43	151	299	-	-	-	126	9	52	-	787	151	60	1,002			
WASHINGTON	113	-	127	240	-	-	-	163	-	29	59	984	11	198	1,259			
WEST VIRGINIA	-	-	52	90	-	-	-	30	3	37	-	175	-	41	216			
WISCONSIN	-	68	56	124	-	-	-	4	43	109	-	355	238	463	1,056			
WYOMING	9	-	41	50	-	-	-	3	-	-	-	134	-	33	167			
TOTAL	3,040	3,391	5,096	11,527	9	48	0.1	3,134	1,444	3,035	3,142	30,405	12,209	5,917	51,997			
PERCENT/SYSTEM	26.4	29.4	44.2	100.0	0.1	0.7	0.1	40.7	18.9	39.6	6.1	58.4	23.5	11.4	100.0			

TYPE OF SURFACE - URBAN - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-51
 SHEET 4 OF 4
 SEPTEMBER 1991

STATE	MINOR ARTERIAL								COLLECTOR							
	UNPAVED 2/	PAVED 3/						TOTAL	UNPAVED 2/	PAVED 3/						TOTAL
		LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE			TOTAL			LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE			TOTAL	
				FLEXIBLE	COMPOSITE	RIGID						FLEXIBLE	COMPOSITE	RIGID		
ALABAMA	-	48	601	919	31	12	1,611	1,611	-	189	770	740	-	8	1,707	1,707
ALASKA	-	1	80	-	-	-	81	81	33	1	130	-	-	-	131	164
ARIZONA	9	47	476	472	5	1	1,001	1,010	79	430	876	247	-	18	1,571	1,650
ARKANSAS	25	25	155	732	43	15	971	996	23	66	289	551	43	34	983	1,006
CALIFORNIA	13	27	982	6,944	260	86	8,299	8,312	18	138	1,695	5,552	116	228	7,729	7,747
COLORADO	35	-	48	1,044	4	9	1,105	1,140	46	-	5	1,101	-	4	1,110	1,156
CONNECTICUT	-	51	8	669	173	48	949	949	2	253	121	1,493	9	38	1,914	1,916
DELAWARE	-	4	32	11	66	23	136	136	-	9	77	36	40	6	168	168
DIST. OF COL.	-	-	-	6	129	17	152	152	-	-	-	12	144	-	156	156
FLORIDA	-	17	155	2,176	8	49	2,405	2,405	64	127	232	4,355	2	-	4,715	4,780
GEORGIA	5	34	132	1,907	-	34	2,107	2,112	14	54	210	1,523	-	7	1,794	1,808
HAWAII	-	-	-	117	-	-	117	117	-	-	-	174	-	6	180	180
IDAHO	-	13	79	304	-	1	397	397	4	5	68	305	2	1	381	385
ILLINOIS	29	125	79	876	1,582	496	3,158	3,187	15	492	127	1,116	1,271	270	3,276	3,291
INDIANA	11	17	1,374	795	21	70	2,277	2,288	40	31	1,435	423	-	32	1,921	1,961
IOWA	48	17	7	293	415	499	1,237	1,285	122	56	1	285	223	360	925	1,047
KANSAS	10	-	307	370	201	150	1,028	1,038	39	-	355	240	41	95	731	770
KENTUCKY	-	-	190	637	201	66	1,094	1,094	1	-	271	535	77	18	901	902
LOUISIANA	-	-	56	705	122	228	1,111	1,111	-	-	186	691	101	168	1,146	1,146
MAINE	-	83	208	-	2	4	297	297	1	187	203	-	-	3	393	394
MARYLAND	-	-	7	942	-	9	958	958	-	12	92	1,066	-	4	1,174	1,174
MASSACHUSETTS	-	-	660	1,759	-	-	2,419	2,419	17	2	886	1,820	-	-	2,708	2,725
MICHIGAN	20	166	677	2,075	341	310	3,559	3,589	111	212	470	1,690	142	165	2,679	2,790
MINNESOTA	8	-	989	368	47	134	1,538	1,546	40	11	1,434	277	3	78	1,803	1,843
MISSISSIPPI	1	70	182	363	33	32	680	681	30	40	294	368	-	33	733	763
MISSOURI	-	54	591	530	243	299	1,827	1,827	81	206	852	281	56	21	1,416	1,497
MONTANA	4	-	43	180	2	2	207	207	4	-	44	172	-	6	222	226
NEBRASKA	10	-	27	250	34	216	527	537	10	-	38	177	9	171	395	405
NEVADA	-	-	27	314	-	1	342	342	1	-	91	340	-	-	431	432
NEW HAMPSHIRE	-	80	1	258	5	11	355	355	-	170	3	166	-	3	342	342
NEW JERSEY	-	-	67	2,413	387	21	2,888	2,888	1	-	269	1,500	134	15	1,918	1,919
NEW MEXICO	3	23	142	148	4	11	328	331	3	13	143	121	1	4	282	285
NEW YORK	-	-	218	1,412	2,259	280	4,168	4,168	2	15	1,315	1,747	661	203	3,841	3,943
NORTH CAROLINA	-	135	-	2,051	16	2	2,204	2,204	10	193	3	1,158	1	-	1,355	1,375
NORTH DAKOTA	24	12	77	120	7	30	246	270	20	6	106	56	17	21	206	226
OHIO 5/	1	-	4	2,063	552	172	2,791	2,792	-	-	17	3,690	137	302	4,146	4,146
OKLAHOMA	47	1,017	-	520	67	212	1,816	1,863	93	791	-	87	2	233	1,113	1,206
OREGON	3	4	61	911	-	39	1,015	1,018	2	5	54	898	-	16	973	975
PENNSYLVANIA	29	-	783	1,105	792	133	2,793	2,822	4	-	1,421	1,584	146	36	3,187	3,191
RHODE ISLAND	-	18	157	114	-	4	291	291	-	110	379	9	-	-	498	498
SOUTH CAROLINA	3	-	553	337	-	3	893	896	5	-	994	157	-	3	1,154	1,159
SOUTH DAKOTA	15	99	59	26	4	19	217	232	11	49	34	12	1	7	103	114
TENNESSEE	-	4	-	938	26	2	970	970	-	44	9	1,745	12	1	1,811	1,811
TEXAS	7	199	671	3,678	325	703	5,577	5,584	48	622	1,524	3,863	154	672	6,835	6,883
UTAH	1	-	125	277	-	26	428	429	1	-	283	190	-	2	475	476
VERMONT	2	20	-	105	-	3	128	130	12	52	15	96	-	2	158	178
VIRGINIA	-	29	16	1,464	91	42	1,642	1,642	-	91	27	1,280	6	-	1,404	1,404
WASHINGTON	9	11	398	1,113	31	147	1,700	1,709	7	22	684	940	4	120	1,770	1,777
WEST VIRGINIA	1	2	7	297	-	21	327	328	-	15	10	346	-	33	404	404
WISCONSIN	-	15	74	1,234	85	498	1,906	1,906	17	18	216	837	134	205	1,410	1,427
WYOMING	-	1	31	150	-	18	200	200	9	9	65	231	-	6	311	320
TOTAL	373	2,466	11,577	46,478	8,614	5,148	74,283	74,656	1,040	4,746	18,824	46,291	3,689	3,658	77,208	78,248
PERCENT/SYSTEM	0.5	3.4	15.6	62.0	11.6	6.9	99.5	100.0	1.3	6.1	24.1	59.0	4.8	4.7	98.7	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 2/ INCLUDES A MINOR AMOUNT OF INTERMEDIATE TYPE PAVEMENT IN FEW STATES.
 3/ PAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: LOW TYPE, AN EARTH, GRAVEL OR STONE ROADWAY WHICH HAS A BITUMINOUS SURFACE COURSE LESS THAN 1" THICK - SUITABLE FOR OCCASIONAL HEAVY LOADS; INTERMEDIATE TYPE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROAD ON A FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7"; HIGH TYPE FLEXIBLE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY ON A FLEXIBLE BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE - ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS; HIGH TYPE COMPOSITE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY OF MORE THAN 1" COMPACTED MATERIAL ON A RIGID BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE; HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS

WEARING SURFACE OF LESS THAN 1".
 4/ INCLUDES UNPAVED MILEAGE IN THE FOLLOWING: RURAL MINOR ARTERIAL -- 36 MILES IN MONTANA; URBAN OTHER PRINCIPAL ARTERIAL -- 46 MILES IN ARIZONA, 4 MILES IN IOWA, AND 3 MILES IN NEW MEXICO.
 5/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).
 6/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL SURFACE AND MAINTAINED TO PERMIT PASSABILITY; GRADED AND DRAINED ROADWAYS OF NATURAL EARTH ALIGNED AND GRADED TO PERMIT REASONABLY CONVENIENT USE BY MOTOR VEHICLES AND WHICH HAVE ADEQUATE DRAINAGE TO PREVENT SERIOUS IMPAIRMENT OF THE ROAD BY NORMAL SURFACE WATER - SURFACE MAY BE STABILIZED; AND SOIL, GRAVEL, OR STONE, A GRADED AND DRAINED ROAD WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAB, SHELL, ETC. - SURFACE MAY BE STABILIZED.

LANE WIDTH - RURAL - 1990
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 1 OF 4
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL												MINOR ARTERIAL						TOTAL
	LANE WIDTH IN FEET				LANE WIDTH IN FEET												LANE WIDTH IN FEET						
	< 12	12	> 12	TOTAL	< 9	9	10	11	12	> 12	TOTAL	< 9	9	10	11	12	> 12						
ALABAMA	-	642	-	642	-	-	-	226	1,690	15	1,994	-	-	-	388	670	3	2,794	42	3,894			
ALASKA	189	849	-	1,038	-	-	1	52	-	53	1,594	-	-	-	162	3	663	74	3,022				
ARIZONA	11	722	306	1,039	-	-	-	-	1,072	540	1,931	-	-	-	1,289	814	1,062	643	2,181	3,167			
ARKANSAS	-	419	-	419	-	-	812	-	-	-	1,931	-	-	-	-	-	-	-	-	-			
CALIFORNIA	-	1,416	-	1,416	-	-	9	157	2,765	-	2,932	-	-	91	950	1,138	4,365	52	6,596				
COLORADO	-	746	47	793	-	-	29	123	1,625	124	1,901	-	-	-	32	385	1,517	13	1,947				
CONNECTICUT	-	109	-	109	-	-	12	214	-	226	1,901	-	-	-	17	414	472	-	472				
DELAWARE	-	-	-	-	-	-	1	152	-	1	154	-	-	-	18	164	-	-	183				
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA	-	1,006	4	1,010	-	-	54	188	2,285	151	2,678	-	-	-	504	597	2,278	30	3,409				
GEORGIA	-	892	20	912	-	-	17	98	1,900	690	2,705	-	-	-	136	565	4,422	731	5,874				
HAWAII	-	5	-	5	-	-	1	8	4	13	5	-	-	-	50	92	221	-	387				
IDAHO	-	530	-	530	-	-	22	82	1,539	-	1,648	-	-	-	59	123	845	-	1,027				
ILLINOIS	-	1,415	-	1,415	-	-	6	243	2,224	137	2,741	-	-	-	208	632	3,475	263	5,081				
INDIANA	-	863	-	863	-	-	12	40	1,015	35	1,102	-	-	-	321	644	1,935	228	3,134				
INDIANA	34	611	-	645	-	6	97	207	2,806	-	3,153	-	-	315	1,192	3,254	-	4,890					
KANSAS	-	712	-	712	-	-	3	318	2,329	-	3,250	-	-	-	11	925	3,529	-	4,465				
KENTUCKY	-	579	-	579	-	-	73	127	1,337	7	1,638	-	-	-	567	358	1,756	15	1,756				
LOUISIANA	-	656	-	656	-	-	1	81	1,002	-	1,084	-	-	-	63	463	1,306	-	1,375				
MAINE	-	313	-	313	-	-	31	159	504	42	736	-	-	-	294	418	1,350	13	1,575				
MARYLAND	-	169	-	169	-	-	5	26	464	-	499	-	-	-	82	303	740	-	1,142				
MASSACHUSETTS	-	170	-	170	-	-	6	7	200	28	242	-	-	-	14	142	412	126	769				
MICHIGAN	-	772	-	772	-	-	46	504	1,846	-	2,398	-	-	-	198	1,508	2,163	-	3,869				
MINNESOTA	-	688	-	688	-	-	175	272	2,732	178	3,357	-	-	-	141	527	4,488	167	5,323				
MISSISSIPPI	-	560	-	560	-	-	-	33	1,543	-	1,576	-	-	-	470	1,020	2,647	-	4,137				
MISSOURI	-	841	-	841	-	-	115	386	2,261	-	2,762	-	-	-	1,741	1,048	894	23	3,706				
MONTANA	-	1,144	-	1,144	-	-	26	116	1,960	-	2,102	-	-	-	293	467	2,507	14	3,312				
NEBRASKA	-	444	1	444	-	-	29	125	2,920	245	2,719	-	-	-	6	320	3,146	740	4,212				
NEVADA	-	499	-	499	-	-	-	7	608	-	609	-	-	-	-	-	1,178	-	1,178				
NEW HAMPSHIRE	-	180	-	180	-	-	5	1	304	3	319	-	-	-	26	53	570	13	664				
NEW JERSEY	-	126	-	126	-	-	11	263	2	275	286	-	-	-	286	275	546	51	646				
NEW MEXICO	-	906	-	906	-	-	106	59	1,170	41	1,376	-	-	-	276	80	1,876	61	2,293				
NEW YORK	-	792	62	854	-	-	242	205	1,260	81	1,788	-	-	-	958	1,640	1,767	178	4,630				
NORTH CAROLINA	-	709	-	709	-	-	87	354	1,548	-	2,003	-	-	-	424	345	1,024	-	2,039				
NORTH DAKOTA	-	530	-	530	-	-	32	32	1,149	26	1,207	-	-	-	8	343	3,847	-	4,198				
OHIO	-	847	-	847	-	-	62	230	1,392	3	1,680	-	-	-	585	663	1,786	35	3,313				
OKLAHOMA	-	723	-	723	-	-	18	53	1,765	43	1,879	-	-	-	14	702	2,453	51	3,220				
OREGON	-	591	4	595	-	-	-	158	2,096	12	2,258	-	-	-	270	497	1,652	48	2,467				
PENNSYLVANIA	4	1,161	1	1,166	-	-	175	533	1,042	36	1,796	-	-	-	1,557	2,315	1,430	-	5,956				
RHODE ISLAND	-	21	-	21	-	-	5	23	35	11	74	-	-	-	22	15	48	-	32				
SOUTH CAROLINA	-	673	-	673	-	-	-	124	1,370	25	1,519	-	-	-	170	906	2,306	26	3,437				
SOUTH DAKOTA	-	691	-	691	-	-	73	137	1,961	127	2,318	-	-	-	6	203	2,937	157	3,387				
TENNESSEE	-	780	-	780	-	-	97	216	1,715	-	1,059	-	-	-	802	1,650	1,666	-	4,156				
TEXAS	-	2,281	1	2,282	-	-	35	432	5,822	1,612	7,903	-	-	-	116	519	4,864	1,725	6,514				
UTAH	-	792	-	792	-	-	-	-	681	-	681	-	-	-	-	-	1,863	-	1,863				
VERMONT	-	285	-	285	-	-	8	44	214	23	293	-	-	-	81	435	163	63	748				
VIRGINIA	-	777	3	780	-	-	284	117	1,069	45	1,520	-	-	-	2,385	303	303	47	3,845				
WASHINGTON	-	519	-	519	-	-	12	661	1,100	-	1,796	-	-	-	383	1,370	824	-	2,577				
WEST VIRGINIA	-	426	1	427	-	-	63	62	379	5	512	-	-	-	493	284	219	-	1,728				
WISCONSIN	-	516	-	516	-	-	30	448	2,811	-	3,289	-	-	-	637	1,566	3,212	-	5,068				
WYOMING	-	863	-	863	-	-	-	3	1,020	-	1,023	-	-	-	82	70	1,944	-	2,096				
TOTAL	246	32,851	450	33,547	15	308	2,198	8,274	68,715	4,292	83,802	338	3,218	17,840	28,543	89,136	5,660	144,735					
PERCENT/SYSTEM	0-8	97-9	1-3	100-0	0-0	0-4	2-6	9-9	82-0	5-1	100-0	0-2	2-2	12-3	19-7	61-7		3-9	100-0				

LANE WIDTH - RURAL - 1990
MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-53
SHEET 2 OF 4
SEPTEMBER 1991

STATE	MAJOR COLLECTOR								MINOR COLLECTOR								TOTAL
	LANE WIDTH IN FEET								LANE WIDTH IN FEET								
	< 9	9	10	11	12	12	> 12	TOTAL	< 9	9	10	11	12	> 12	TOTAL		
ALABAMA	-	3,450	5,734	1,332	1,040	25	11,581	214	3,934	2,375	272	148	28	6,971			
ALASKA	-	4	90	226	684	700	1,904	56	305	361	99	155	905				
ARIZONA	-	154	222	3,744	2,455	684	12,450	272	191	305	297	1,694	219	3,088			
ARKANSAS	337	1,719	5,474	3,823	1,097	-	12,450	1,265	2,134	2,589	361	181	-	6,530			
CALIFORNIA	56	285	1,233	2,384	8,404	559	12,921	740	429	1,868	1,821	4,882	451	9,891			
COLORADO	65	-	1,435	2,252	3,467	30	7,302	1,419	755	2,075	2,033	5,296	446	12,065			
CONNECTICUT	-	23	89	285	553	90	360	140	173	309	223	258	34	1,137			
DELAWARE	-	83	184	186	158	18	609	3	88	38	10	13	-	152			
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA	106	1,093	2,944	506	937	-	4,586	408	1,758	2,193	409	279	150	5,195			
GEORGIA	-	2,015	5,997	2,628	2,720	1,074	14,034	46	797	5,404	512	375	132	7,266			
HAWAII	80	111	114	48	99	6	458	21	41	36	7	7	1	113			
IDaho	257	424	1,483	206	2,510	2	4,882	696	883	1,165	197	877	-	3,808			
ILLINOIS	486	1,651	4,467	4,971	2,375	287	14,199	2,736	734	1,346	491	222	46	3,575			
INDIANA	26	2,270	3,454	2,905	2,905	146	9,754	2,472	4,999	2,326	456	42	8	10,303			
IOWA	-	146	878	9,026	3,517	-	13,567	78	212	1,018	6,253	8,838	-	16,399			
KANSAS	-	393	3,117	8,790	8,944	1,484	22,728	367	1,606	2,712	2,724	1,830	82	9,321			
KENTUCKY	403	3,635	876	1,899	192	10	7,215	3,565	486	650	415	17	61	9,272			
LOUISIANA	-	88	3,941	1,576	2,347	-	7,352	55	732	2,928	242	342	-	4,305			
MAINE	30	879	1,480	601	270	16	3,276	315	732	1,116	28	46	17	2,254			
MARYLAND	103	203	740	486	365	14	1,911	259	486	635	248	242	13	1,893			
MASSACHUSETTS	111	1,493	431	607	427	256	2,007	187	262	484	301	301	225	1,951			
MICHIGAN	-	593	6,741	5,359	4,351	38	17,201	294	1,049	2,824	2,571	697	48	7,483			
MINNESOTA	-	136	776	4,375	11,181	136	16,604	155	189	608	2,520	7,571	835	11,878			
MISSISSIPPI	279	624	7,546	2,281	1,774	-	11,704	456	544	1,730	63	116	-	2,909			
MISSOURI	-	1,435	13,057	2,791	803	16	18,102	-	432	4,641	356	1	-	9,450			
MONTANA	76	241	500	792	5,034	38	6,681	654	954	2,986	1,888	2,769	-	9,251			
NEBRASKA	544	262	1,895	2,484	5,040	1,233	11,458	1,253	1,190	1,515	2,089	2,114	1,012	9,253			
NEVADA	-	90	132	29	2,167	-	2,328	1,007	125	180	138	1,005	-	2,455			
NEW HAMPSHIRE	3	15	321	343	459	19	1,235	126	260	400	274	150	-	1,250			
NEW JERSEY	10	89	493	113	845	268	1,734	9	210	326	550	485	60	1,254			
NEW MEXICO	-	-	831	292	2,303	676	4,201	1	210	759	199	957	247	2,973			
NEW YORK	-	225	2,170	2,476	1,375	46	6,293	697	2,360	4,677	1,834	1,020	11	10,799			
NORTH CAROLINA	68	1,493	4,793	1,330	2,627	-	10,511	486	4,397	2,434	1,373	361	-	9,050			
NORTH DAKOTA	565	3,711	1,014	1,432	6,152	217	11,107	933	3,182	1,945	1,980	1,662	56	7,486			
OHIO	-	-	4,537	1,770	1,197	13	11,793	1,565	3,182	1,733	383	132	109	7,124			
OKLAHOMA	934	2,821	4,392	5,108	8,029	125	21,409	361	1,082	754	580	315	-	3,092			
OREGON	136	865	3,660	2,556	2,626	80	8,643	1,937	854	1,944	1,263	1,328	1	7,927			
PENNSYLVANIA	1,235	1,926	2,049	1,955	660	135	7,980	2,904	3,443	1,432	285	266	14	8,376			
RHODE ISLAND	9	11	58	48	48	17	201	10	34	40	33	38	-	153			
SOUTH CAROLINA	45	516	2,354	3,958	1,522	198	8,534	-	487	2,973	470	72	2	4,004			
SOUTH DAKOTA	319	742	1,307	1,830	6,983	317	11,488	702	1,681	2,783	1,782	1,790	227	6,365			
TENNESSEE	119	1,339	1,936	1,790	280	-	5,464	1,626	5,913	2,705	198	140	-	10,782			
TEXAS	-	2,336	14,410	4,481	15,191	1,519	37,937	59	3,056	11,410	1,661	2,233	106	18,525			
UTAH	192	67	184	260	2,457	-	3,160	912	607	789	474	1,068	120	4,170			
VERMONT	-	191	590	809	286	37	1,913	279	338	348	21	348	-	4,865			
VIRGINIA	2,798	2,178	3,690	1,215	911	34	10,206	1,185	894	277	29	14	-	2,389			
WASHINGTON	85	385	2,330	1,736	2,288	465	7,349	237	769	2,564	1,596	1,227	287	6,860			
WEST VIRGINIA	1,493	2,496	1,056	847	460	-	6,352	1,790	320	45	5	1	-	2,161			
WISCONSIN	-	-	3,553	7,956	2,192	-	13,742	91	288	1,477	4,342	308	-	6,506			
WYOMING	-	-	325	415	1,745	-	2,485	1,599	1,323	2,114	1,026	1,272	121	7,455			
TOTAL	10,973	44,321	130,406	101,672	137,933	11,060	436,365	34,869	62,996	88,568	46,813	55,497	5,169	293,912			
PERCENT/SYSTEM	2.5	10.2	29.9	23.3	31.6	2.5	100.0	11.9	21.4	30.1	15.9	18.9	1.8	100.0			

LANE WIDTH - URBAN - 1990 ¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 3 OF 4
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS							OTHER PRINCIPAL ARTERIAL						
	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 12	12	> 12		< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	247	-	247	-	-	-	-	21	-	21	-	-	87	111	787	23	1,008
ALASKA	-	51	-	51	-	-	-	-	-	-	-	2	-	3	10	84	7	106
ARIZONA	-	109	21	130	-	-	-	-	28	11	39	46	-	61	131	597	158	993
ARKANSAS	-	123	-	123	-	-	-	6	99	-	105	-	3	84	189	359	-	635
CALIFORNIA	42	941	-	983	-	-	1	26	1,233	3	1,263	2	22	218	794	4,785	120	5,941
COLORADO	-	146	3	149	-	-	-	7	149	8	164	-	-	148	178	532	71	929
CONNECTICUT	-	232	-	232	-	-	1	3	186	-	191	-	5	20	68	605	12	710
DELAWARE	-	39	2	41	-	-	-	-	1	-	1	-	-	10	17	80	29	156
DIST. OF COL.	-	12	-	12	-	-	2	3	13	4	24	-	5	38	30	19	7	99
FLORIDA	16	393	7	416	-	2	2	26	241	-	269	-	-	122	229	1,443	141	1,935
GEORGIA	30	316	26	372	-	-	1	1	130	16	148	-	11	87	126	768	476	1,468
HAWAII	3	35	-	38	-	-	2	7	41	3	53	-	5	25	25	35	4	94
IDAHO	-	75	-	75	-	-	-	-	-	-	-	-	-	7	3	158	16	184
ILLINOIS	-	546	-	546	-	-	-	3	80	-	83	2	10	235	328	1,513	284	2,372
INDIANA	-	285	-	285	-	-	-	1	111	-	112	-	21	99	133	849	244	1,346
IOWA	-	137	-	137	-	-	-	-	-	-	-	3	5	18	78	817	-	921
KANSAS	-	160	-	160	-	10	-	2	78	-	90	-	33	20	66	458	-	577
KENTUCKY	-	184	-	184	-	-	4	-	83	3	90	3	4	109	79	288	14	497
LOUISIANA	-	188	-	188	-	-	-	-	28	-	28	-	13	91	112	801	1	1,018
MAINE	-	53	-	53	-	-	-	-	12	2	14	-	-	13	19	130	61	223
MARYLAND	-	226	5	231	-	-	2	1	181	7	191	4	6	86	181	528	86	891
MASSACHUSETTS	3	392	2	397	-	-	7	9	247	11	274	-	6	144	85	688	922	1,845
MICHIGAN	1	454	-	455	-	-	-	6	194	-	200	-	-	249	493	1,145	60	1,952
MINNESOTA	-	217	-	217	-	-	-	-	138	-	138	-	-	5	26	541	13	585
MISSISSIPPI	-	124	-	124	-	-	-	-	34	-	34	-	-	46	87	447	20	600
MISSOURI	-	336	-	336	-	-	-	9	261	-	270	-	-	197	266	554	22	1,039
MONTANA	-	47	-	47	-	-	-	-	-	-	-	-	-	1	-	168	2	171
NEBRASKA	-	36	1	37	-	-	-	-	8	2	10	-	-	33	17	259	66	375
NEVADA	-	46	-	46	-	-	-	-	36	-	36	-	9	-	2	161	-	172
NEW HAMPSHIRE	-	43	1	44	-	-	-	-	33	-	33	-	-	5	4	145	36	190
NEW JERSEY	2	266	2	270	-	-	-	33	235	1	269	1	-	171	91	699	394	1,355
NEW MEXICO	-	93	1	94	3	-	-	-	-	3	3	-	-	47	23	354	35	459
NEW YORK	-	606	40	646	-	-	33	65	647	7	752	-	22	369	219	1,494	303	2,407
NORTH CAROLINA	1	227	-	228	-	-	-	2	205	-	207	-	23	75	285	1,383	-	1,746
NORTH DAKOTA	-	40	-	40	-	-	-	-	-	-	-	-	-	1	2	150	2	155
OHIO ²	-	725	-	725	-	-	-	21	341	5	367	3	69	356	339	1,154	236	2,157
OKLAHOMA	-	205	2	207	-	-	-	1	189	19	189	19	19	85	99	358	202	782
OREGON	-	132	-	132	-	-	-	-	54	1	55	-	4	17	73	439	32	565
PENNSYLVANIA	-	403	-	403	-	-	5	19	357	3	384	4	49	527	706	1,296	233	2,815
RHODE ISLAND	-	49	-	49	-	-	-	9	55	-	64	-	-	47	50	150	101	348
SOUTH CAROLINA	4	114	-	118	-	-	-	-	34	-	34	-	-	34	61	540	54	689
SOUTH DAKOTA	-	47	-	47	-	-	-	-	3	-	3	-	-	9	4	156	1	170
TENNESSEE	-	282	-	282	-	-	-	-	-	-	-	-	16	124	299	869	17	1,325
TEXAS	-	947	-	947	-	-	2	15	806	3	826	1	28	166	505	2,884	360	3,944
UTAH	-	146	-	146	-	-	-	-	13	-	13	-	-	2	4	242	-	248
VERMONT	-	34	-	34	-	-	-	1	11	3	15	3	2	9	13	65	17	109
VIRGINIA	1	296	-	299	-	-	7	11	134	35	187	-	3	203	224	426	146	1,002
WASHINGTON	3	237	2	240	-	-	-	4	188	-	192	-	16	104	390	724	25	1,259
WEST VIRGINIA	-	90	-	90	-	-	4	7	58	1	70	1	6	45	33	131	-	216
WISCONSIN	-	124	-	124	-	-	-	-	156	-	156	3	-	51	141	855	-	1,056
WYOMING	-	31	19	50	-	-	-	-	3	-	3	-	-	-	18	126	23	167
TOTAL	106	11,287	134	11,527	3	12	71	300	7,135	149	7,670	97	426	4,703	7,466	34,219	5,076	51,987
PERCENT/SYSTEM	0.9	97.9	1.2	100.0	-	0.2	0.9	3.9	93.1	1.9	100.0	0.2	0.8	9.0	14.4	65.8	9.8	100.0

LANE WIDTH - URBAN - 1990¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 4 OF 4
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MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL							COLLECTOR						
	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	82	582	323	472	152	1,611	25	183	699	229	368	203	1,707
ALASKA	-	-	3	29	48	1	81	7	-	11	16	105	25	164
ARIZONA	-	-	15	120	758	117	1,010	4	35	78	119	1,164	250	1,650
ARKANSAS	3	88	270	291	344	-	996	50	116	423	85	321	11	1,006
CALIFORNIA	19	11	594	601	6,419	668	8,312	104	339	924	442	5,249	689	7,747
COLORADO	-	4	157	155	728	95	1,140	11	32	133	231	562	187	1,156
CONNECTICUT	-	10	78	72	629	160	949	133	207	323	215	692	346	1,916
DELAWARE	10	11	33	12	42	28	136	11	25	58	4	28	42	168
DIST. OF COL.	3	10	47	65	25	2	152	12	15	68	23	34	4	156
FLORIDA	-	11	224	207	1,777	186	2,405	26	253	1,494	636	1,878	493	4,780
GEORGIA	4	68	282	300	833	625	2,112	1	103	353	257	495	599	1,808
HAWAII	-	3	59	19	23	13	117	6	12	80	18	21	43	180
IDAHO	-	2	18	50	303	24	397	1	3	41	20	297	23	385
ILLINOIS	14	87	823	545	1,352	366	3,187	94	238	765	507	1,279	408	3,291
INDIANA	61	231	692	421	613	270	2,288	61	471	731	228	298	172	1,961
IOWA	4	25	31	188	1,037	-	1,285	4	18	50	122	853	-	1,047
KANSAS	-	265	201	102	470	-	1,038	-	443	81	101	145	-	770
KENTUCKY	29	193	341	214	247	70	1,094	83	236	256	155	105	67	902
LOUISIANA	1	8	390	203	509	-	1,111	-	201	570	121	226	28	1,146
MAINE	2	11	71	41	102	70	297	2	29	133	53	75	102	394
MARYLAND	7	38	168	154	381	210	958	97	105	302	139	363	168	1,174
MASSACHUSETTS	7	4	238	340	756	1,074	2,419	102	88	674	216	802	843	2,725
MICHIGAN	15	25	671	1,134	1,351	393	3,589	49	107	662	908	762	302	2,790
MINNESOTA	-	-	60	94	1,377	15	1,546	1	2	89	111	1,616	24	1,843
MISSISSIPPI	3	39	238	129	204	68	681	5	79	360	81	183	55	763
MISSOURI	-	45	429	370	667	116	1,627	38	133	515	277	367	167	1,497
MONTANA	-	-	7	12	190	2	211	2	4	8	12	200	-	226
NEBRASKA	15	11	76	81	299	55	537	58	16	64	57	147	63	405
NEVADA	-	2	8	2	330	-	342	-	-	46	-	386	-	432
NEW HAMPSHIRE	4	18	28	71	197	37	355	37	15	64	61	135	30	342
NEW JERSEY	-	53	492	360	1,131	852	2,888	81	47	296	408	345	742	1,919
NEW MEXICO	-	7	65	44	152	63	331	2	1	22	32	164	64	285
NEW YORK	5	38	648	731	2,272	474	4,168	106	399	887	996	1,002	553	3,943
NORTH CAROLINA	23	381	307	244	1,249	-	2,204	29	300	288	125	633	-	1,375
NORTH DAKOTA	3	1	4	18	242	2	270	2	-	12	21	191	-	226
OHIO 2/	31	364	646	415	1,171	165	2,792	261	702	1,303	363	1,159	358	4,146
OKLAHOMA	29	147	413	276	608	390	1,863	12	178	198	152	210	456	1,206
OREGON	-	19	154	275	509	61	1,018	20	72	231	205	355	92	975
PENNSYLVANIA	38	192	824	730	828	210	2,822	278	590	1,108	556	507	152	3,191
RHODE ISLAND	-	-	10	50	95	136	291	16	71	105	72	114	120	498
SOUTH CAROLINA	-	10	159	182	477	68	896	12	86	502	151	300	108	1,159
SOUTH DAKOTA	3	6	9	28	182	4	232	7	-	7	17	81	2	114
TENNESSEE	9	7	135	261	542	16	970	30	165	495	433	613	75	1,811
TEXAS	3	50	792	1,023	3,452	264	5,584	129	392	1,189	1,027	3,217	929	6,883
UTAH	-	1	4	6	413	5	429	-	3	12	31	430	-	476
VERMONT	1	11	14	53	34	17	130	3	26	69	30	23	27	178
VIRGINIA	20	124	466	352	454	226	1,642	70	302	493	155	197	187	1,404
WASHINGTON	13	85	336	453	696	126	1,709	29	128	539	522	469	90	1,777
WEST VIRGINIA	19	69	89	53	98	-	328	59	118	79	36	112	-	404
WISCONSIN	12	13	215	530	1,136	-	1,906	18	66	433	280	630	-	1,427
WYOMING	-	1	6	11	112	70	200	-	2	29	42	156	91	320
TOTAL	410	2,881	12,622	12,440	38,336	7,967	74,656	2,188	7,156	18,352	11,098	30,064	9,390	78,248
PERCENT/SYSTEM	0.5	3.9	16.9	16.7	51.3	10.7	100.0	2.8	9.1	23.5	14.2	38.4	12.0	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
2/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-55
SHEET 2 OF 4
SEPTEMBER 1991

STATE	MAJOR COLLECTOR						MINOR COLLECTOR							
	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL
		DEGREE OF ACCESS CONTROL 3/			TOTAL				DEGREE OF ACCESS CONTROL 3/			TOTAL		
		NONE	PARTIAL	FULL					NONE	PARTIAL	FULL			
ALABAMA	11,486	93	-	-	93	3	11,581	6,971	-	-	-	-	-	6,971
ALASKA	1,904	-	-	-	-	-	1,904	905	-	-	-	-	-	905
ARIZONA	3,647	41	-	-	41	56	3,744	3,010	-	-	-	-	58	3,068
ARKANSAS	12,435	10	-	-	10	5	12,450	6,530	-	-	-	-	-	6,530
CALIFORNIA	12,714	127	32	-	159	48	12,921	9,883	4	-	-	4	4	9,891
COLORADO	7,181	-	42	-	42	79	7,302	11,730	2	-	-	2	333	12,065
CONNECTICUT	960	-	-	-	-	-	960	1,136	-	-	-	-	1	1,137
DELAWARE	592	17	-	-	17	-	609	152	-	-	-	-	-	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	4,652	34	-	-	34	-	4,686	4,972	46	-	-	46	177	5,195
GEORGIA	14,007	12	-	-	12	15	14,034	7,252	-	-	-	-	14	7,266
HAWAII	458	-	-	-	-	-	458	113	-	-	-	-	-	113
IDAHO	4,580	9	4	-	13	289	4,882	3,367	-	-	-	-	441	3,808
ILLINOIS	14,107	11	72	-	83	9	14,199	3,574	-	-	-	-	1	3,575
INDIANA	9,383	58	-	-	58	313	9,754	10,303	-	-	-	-	-	10,303
IOWA	13,514	-	-	-	-	53	13,567	16,306	-	-	-	-	93	16,399
KANSAS	22,684	34	-	-	34	10	22,728	9,318	-	3	-	3	-	9,321
KENTUCKY	7,200	5	-	10	15	-	7,215	9,271	-	-	-	-	1	9,272
LOUISIANA	6,972	351	-	-	351	29	7,352	4,305	-	-	-	-	-	4,305
MAINE	3,276	-	-	-	-	-	3,276	2,254	-	-	-	-	-	2,254
MARYLAND	1,877	-	26	-	26	8	1,911	1,886	7	-	-	7	-	1,893
MASSACHUSETTS	1,966	-	-	-	-	41	2,007	1,951	-	-	-	-	-	1,951
MICHIGAN	16,999	-	-	-	-	202	17,201	7,471	-	-	-	-	12	7,483
MINNESOTA	16,580	23	-	-	23	1	16,604	11,878	-	-	-	-	-	11,878
MISSISSIPPI	11,684	6	14	-	20	-	11,704	2,909	-	-	-	-	-	2,909
MISSOURI	18,043	17	25	-	42	17	18,102	5,430	-	-	-	-	-	5,430
MONTANA	6,681	-	-	-	-	-	6,681	8,886	-	-	-	-	365	9,251
NEBRASKA	11,456	-	2	-	2	-	11,458	9,233	-	-	-	-	-	9,233
NEVADA	2,291	37	-	-	37	-	2,328	2,450	-	-	-	-	5	2,455
NEW HAMPSHIRE	1,232	3	-	-	3	-	1,235	1,228	-	-	-	-	2	1,230
NEW JERSEY	1,671	12	-	-	12	51	1,734	1,252	-	-	-	-	2	1,254
NEW MEXICO	4,050	99	-	-	99	52	4,201	2,359	9	-	-	9	5	2,373
NEW YORK	6,290	3	-	-	3	-	6,293	10,799	-	-	-	-	-	10,799
NORTH CAROLINA	10,233	13	-	-	13	265	10,511	9,049	-	-	-	-	1	9,050
NORTH DAKOTA	11,107	-	-	-	-	-	11,107	7,488	-	-	-	-	-	7,488
OHIO 4/	11,290	5	223	15	243	260	11,793	7,124	-	-	-	-	-	7,124
OKLAHOMA	21,219	145	18	4	167	23	21,409	3,092	-	-	-	-	-	3,092
OREGON	9,580	11	-	-	11	52	9,643	7,327	-	-	-	-	-	7,327
PENNSYLVANIA	7,454	-	-	-	-	526	7,980	8,359	-	-	-	-	17	8,376
RHODE ISLAND	190	5	-	-	5	6	201	153	-	-	-	-	-	153
SOUTH CAROLINA	8,319	88	-	-	88	127	8,534	4,004	-	-	-	-	-	4,004
SOUTH DAKOTA	11,498	-	-	-	-	-	11,498	6,954	-	-	-	-	-	6,955
TENNESSEE	5,431	11	-	-	11	22	5,464	10,744	38	-	-	38	-	10,782
TEXAS	37,056	406	33	45	484	397	37,937	18,476	7	-	-	7	40	18,525
UTAH	3,093	34	-	-	34	33	3,160	4,150	-	-	-	-	20	4,170
VERMONT	1,910	3	-	-	3	-	1,913	986	-	-	-	-	-	986
VIRGINIA	10,050	103	-	-	103	53	10,206	2,399	-	-	-	-	-	2,399
WASHINGTON	7,238	46	-	-	46	65	7,349	6,680	-	-	-	-	-	6,680
WEST VIRGINIA	6,351	-	-	-	-	1	6,352	2,161	-	-	-	-	-	2,161
WISCONSIN	13,732	10	-	-	10	-	13,742	6,506	-	-	-	-	-	6,506
WYOMING	2,458	-	-	-	-	27	2,485	7,361	-	-	-	-	94	7,455
TOTAL	430,780	1,882	491	74	2,447	3,138	436,365	292,109	114	3	-	117	1,686	293,912
PERCENT/SYSTEM	98.7	0.6	0.1	0.0	0.6	0.7	100.0	99.4	0.0	0.0	-	0.0	0.6	100.0

TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1990 ¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-55
SHEET 4 OF 4
SEPTEMBER 1991

STATE	MINOR ARTERIAL						COLLECTOR							
	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			TOTAL	OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			TOTAL	OTHER 2/	TOTAL
		DEGREE OF ACCESS CONTROL 3/							NONE	PARTIAL	FULL			
ALABAMA	1,200	55	-	-	55	366	1,611	1,635	9	-	-	9	63	1,707
ALASKA	73	1	-	-	1	7	81	162	-	-	-	-	2	164
ARIZONA	523	172	-	-	172	315	1,010	1,498	11	-	-	11	141	1,650
ARKANSAS	893	-	-	-	-	103	996	970	20	2	-	22	14	1,006
CALIFORNIA	4,854	1,725	95	-	1,820	1,638	8,312	6,961	228	-	-	228	558	7,747
COLORADO	793	106	35	3	144	203	1,140	1,045	21	-	-	21	90	1,156
CONNECTICUT	824	16	1	-	17	108	949	1,830	-	-	-	-	86	1,916
DELAWARE	92	12	-	-	12	32	136	159	-	-	-	-	7	168
DIST. OF COL.	82	5	-	-	5	85	152	130	5	-	-	5	21	156
FLORIDA	1,118	1,047	17	-	1,064	223	2,405	4,307	305	4	-	309	164	4,780
GEORGIA	1,570	37	-	-	37	505	2,112	1,632	-	-	-	-	176	1,808
HAWAII	63	19	-	-	19	35	117	171	-	-	-	-	9	180
IDAHO	341	12	6	-	18	38	397	377	1	-	2	3	5	385
ILLINOIS	2,197	259	19	1	279	711	3,187	2,959	79	1	-	80	252	3,291
INDIANA	2,005	30	-	-	30	253	2,288	1,902	6	1	-	7	52	1,961
IOWA	912	24	-	-	24	349	1,285	891	2	-	-	2	154	1,047
KANSAS	891	115	17	-	132	15	1,038	764	1	1	-	2	4	770
KENTUCKY	916	64	20	-	84	94	1,094	881	6	-	-	6	15	902
LOUISIANA	896	131	-	-	131	84	1,111	1,025	62	-	-	62	59	1,146
MAINE	281	-	-	-	-	16	297	392	-	-	-	-	2	394
MARYLAND	632	200	13	-	213	113	958	905	50	-	-	50	219	1,174
MASSACHUSETTS	2,412	4	-	-	4	3	2,419	2,723	-	-	-	-	2	2,725
MICHIGAN	2,626	199	4	-	143	820	3,589	2,556	45	-	-	45	189	2,790
MINNESOTA	1,089	189	36	-	225	253	1,546	1,821	80	2	-	82	140	1,843
MISSISSIPPI	594	2	3	-	5	82	681	725	3	2	-	5	33	763
MISSOURI	1,188	20	13	-	33	396	1,627	1,447	-	-	-	-	50	1,497
MONTANA	191	3	4	-	7	13	211	222	3	-	-	3	1	226
NEBRASKA	444	40	-	-	40	53	537	391	6	-	-	6	8	405
NEVADA	150	40	-	-	40	152	342	345	32	-	-	32	55	432
NEW HAMPSHIRE	335	14	1	-	15	5	355	342	-	-	-	-	-	342
NEW JERSEY	2,652	11	-	-	11	225	2,868	1,815	9	-	-	9	95	1,919
NEW MEXICO	187	48	9	-	57	87	331	253	4	-	-	4	28	285
NEW YORK	3,401	290	89	20	399	368	4,168	3,647	42	5	-	47	249	3,943
NORTH CAROLINA	1,871	18	-	-	18	315	2,204	1,321	-	-	-	-	54	1,375
NORTH DAKOTA	236	1	6	-	7	27	270	224	-	-	-	-	2	226
OHIO ^{4/}	2,079	100	48	9	157	566	2,792	3,789	13	-	-	13	344	4,146
OKLAHOMA	1,452	46	2	-	48	363	1,863	1,134	6	-	-	6	66	1,206
OREGON	813	17	-	-	17	188	1,018	915	-	-	-	-	60	975
PENNSYLVANIA	2,453	124	-	21	145	224	2,822	3,106	2	-	-	2	83	3,191
RHODE ISLAND	253	5	-	-	5	33	291	498	-	-	-	-	-	498
SOUTH CAROLINA	645	193	-	-	193	58	896	1,036	68	-	-	68	55	1,159
SOUTH DAKOTA	222	-	-	-	-	10	232	113	-	-	-	-	1	114
TENNESSEE	655	48	2	3	53	262	970	1,677	52	-	-	52	82	1,811
TEXAS	3,675	674	23	96	793	1,116	5,584	6,170	113	2	-	115	598	6,883
UTAH	254	112	15	-	127	48	429	394	61	-	-	61	21	476
VERMONT	127	-	-	-	-	3	130	178	-	-	-	-	-	178
VIRGINIA	1,148	285	-	17	302	192	1,642	1,300	52	2	-	54	50	1,404
WASHINGTON	1,225	50	1	-	51	433	1,709	1,678	5	-	-	5	94	1,777
WEST VIRGINIA	304	9	1	-	10	14	328	386	12	-	-	12	6	404
WISCONSIN	1,429	239	19	-	258	219	1,906	1,330	58	5	-	63	34	1,427
WYOMING	171	9	5	-	14	15	200	316	-	-	-	-	4	320
TOTAL	55,426	6,760	504	170	7,434	11,796	74,656	72,248	1,474	27	2	1,503	4,497	78,248
PERCENT/SYSTEM	74.2	9.1	0.7	0.2	10.0	15.8	100.0	92.4	1.9	0.0	0.0	1.9	5.7	100.0

^{1/} AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.
^{2/} INCLUDES 3 LANE ROADWAYS, ONE-WAY STREETS, UNDIVIDED 4 LANE HIGHWAYS, ETC.
^{3/} FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS

BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PREFERRED ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO POSSIBLE INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.
^{4/} 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57
 SHEET 3 OF 4
 SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE							OTHER FREEMAYS AND EXPRESSWAYS							OTHER PRINCIPAL ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	
	LESS THAN 15,000	15,000-34,999	35,000-59,999	60,000-99,999		100,000 AND OVER	LESS THAN 15,000	15,000-34,999	35,000-59,999		60,000-99,999	100,000 AND OVER	LESS THAN 1,000	1,000-2,999		3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER		
ALABAMA	22	108	79	28	10	247	-	-	5	6	-	-	21	35	105	245	354	269	1,008		
ALASKA	44	25	12	26	28	51	-	-	-	-	-	-	-	-	-	-	-	33	106		
ARIZONA	24	38	14	24	1	130	-	-	6	6	8	-	39	90	47	105	259	492	993		
ARKANSAS	14	86	23	19	1	123	55	42	6	2	-	-	105	45	78	230	217	60	635		
CALIFORNIA	12	36	99	189	667	989	85	209	379	197	405	-	1,263	104	196	539	1,424	3,621	5,941		
COLORADO	17	35	34	35	28	149	36	67	53	4	4	-	184	72	49	192	340	265	929		
CONNECTICUT	2	21	49	102	58	232	15	92	77	7	-	-	191	5	15	142	396	152	710		
DELAWARE	-	9	10	18	4	41	-	-	1	-	-	-	1	2	-	7	50	77	136		
DIST. OF COL.	-	99	1	5	5	12	1	11	5	4	3	-	24	-	-	-	15	84	99		
FLORIDA	16	103	106	90	105	416	51	77	94	26	21	3	289	1	22	129	494	1,289	1,935		
GEORGIA	6	103	54	77	92	372	46	64	24	6	8	-	148	43	113	335	554	423	1,468		
HAWAII	4	-	3	14	17	38	2	26	23	2	-	-	63	1	-	8	28	57	94		
IDAHO	25	40	10	-	-	75	33	22	16	2	-	-	83	4	12	59	76	32	184		
ILLINOIS	56	187	68	71	148	546	36	56	20	10	-	-	112	48	108	436	883	892	2,372		
INDIANA	12	112	74	8	16	235	36	56	20	10	-	-	112	55	361	595	300	1,346	1,952		
IOWA	30	71	28	7	8	197	-	-	-	-	-	-	17	120	119	352	253	60	921		
KANSAS	43	63	24	22	8	180	48	27	15	-	-	-	90	28	48	180	246	73	577		
KENTUCKY	1	71	46	58	8	184	65	12	15	-	-	-	90	11	22	114	207	143	497		
LOUISIANA	16	74	53	27	18	188	2	18	2	6	-	-	28	92	84	304	294	233	1,018		
MAINE	17	25	10	-	-	59	6	8	-	-	-	-	14	13	13	51	123	36	223		
MARYLAND	-	8	49	62	110	291	17	84	62	26	2	-	191	23	22	99	218	518	891		
MASSACHUSETTS	-	66	131	123	77	457	18	105	83	64	4	-	274	4	53	285	1,286	215	1,845		
MICHIGAN	14	97	149	95	100	455	30	97	65	10	28	-	200	23	49	291	794	784	1,952		
MINNESOTA	16	36	81	56	28	217	17	48	62	21	-	-	138	37	77	165	193	112	585		
MISSISSIPPI	18	91	72	8	-	124	34	118	-	5	-	-	34	14	83	186	235	71	600		
MISSOURI	35	57	100	-	72	356	102	37	-	-	-	-	270	36	50	194	417	342	1,039		
MONTANA	47	-	6	-	3	47	-	-	2	-	-	-	-	14	18	51	66	22	171		
NEBRASKA	40	26	11	9	8	94	5	3	-	-	-	-	10	14	42	114	116	89	375		
NEVADA	7	12	8	12	7	46	12	3	7	2	12	-	38	-	4	13	58	97	172		
NEW HAMPSHIRE	-	20	16	8	-	44	-	21	5	5	-	-	33	15	12	40	117	32	190		
NEW JERSEY	4	27	62	98	79	270	22	71	82	58	36	-	299	19	37	180	848	590	1,956		
NEW MEXICO	40	26	11	9	8	94	3	3	-	-	-	-	3	19	101	185	144	459			
NEW YORK	31	222	146	140	107	646	132	224	198	75	123	-	752	25	109	391	955	897	2,407		
NORTH CAROLINA	7	89	93	34	5	228	93	117	42	16	-	-	207	40	117	466	789	349	1,746		
NORTH DAKOTA	29	9	2	-	-	40	-	-	-	-	-	-	-	28	20	49	44	15	155		
OHIO	11	196	252	184	82	725	127	184	32	24	-	-	367	56	230	497	958	416	2,167		
OKLAHOMA	27	72	45	59	4	207	81	47	45	16	-	-	189	54	78	228	290	117	782		
OREGON	22	25	31	41	13	132	9	23	15	12	2	-	66	19	38	59	218	174	565		
PENNSYLVANIA	153	128	128	76	26	405	95	179	93	17	-	-	394	70	152	662	1,149	813	2,815		
RHODE ISLAND	-	15	12	5	17	49	17	41	6	-	-	-	84	8	35	79	143	61	348		
SOUTH CAROLINA	5	34	38	35	5	118	10	14	10	-	-	-	34	16	23	137	252	260	669		
SOUTH DAKOTA	29	18	86	98	19	47	2	1	-	-	-	-	3	23	23	27	44	100	708		
TENNESSEE	7	72	282	251	191	947	133	294	203	85	111	-	826	188	325	553	1,563	892	3,944		
TEXAS	94	191	220	251	191	947	133	294	203	85	111	-	826	188	325	553	1,563	892	3,944		
UTAH	20	26	53	35	12	146	5	1	5	2	-	-	13	11	9	44	80	100	748		
VERMONT	8	24	2	-	-	34	11	4	-	2	-	-	15	-	9	44	46	10	100		
VIRGINIA	5	71	55	100	68	299	72	61	40	11	3	-	187	-	11	28	198	492	1,002		
WASHINGTON	4	40	53	54	84	240	37	81	54	20	-	-	132	83	91	277	440	350	1,259		
WEST VIRGINIA	1	68	14	7	-	90	18	50	2	-	-	-	70	5	9	52	103	47	216		
WISCONSIN	9	41	26	-	27	124	47	54	40	9	-	-	156	12	100	357	415	175	1,558		
WYOMING	48	2	-	-	-	50	3	-	-	-	-	-	3	23	24	61	51	5	167		
TOTAL	900	3,006	2,667	2,576	2,358	11,527	1,554	2,645	1,937	748	786	786	7,670	1,650	3,046	10,449	19,311	17,282	51,987		
PERCENT/SYSTEM	7.8	26.1	23.3	22.3	20.5	100.0	20.3	34.4	25.3	9.8	0.2	0.2	100.0	0.5	3.2	5.9	20.1	37.1	33.2	100.0	

AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57
SHEET 4 OF 4
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MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL							COLLECTOR						
	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER		LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER	
ALABAMA	52	606	269	398	226	60	1,611	239	875	306	235	45	7	1,707
ALASKA	25	9	8	26	13	-	81	47	88	6	19	4	-	164
ARIZONA	112	132	161	220	253	132	1,010	732	557	137	115	86	23	1,650
ARKANSAS	155	344	170	215	103	9	996	489	315	142	56	4	-	1,006
CALIFORNIA	298	937	962	2,254	2,719	1,142	8,312	999	3,010	1,526	1,660	488	64	7,747
COLORADO	145	303	215	310	181	6	1,140	273	624	107	136	16	-	1,156
CONNECTICUT	20	124	124	365	288	28	949	385	642	417	357	112	3	1,916
DELAWARE	4	13	8	42	63	6	136	17	43	34	48	20	6	168
DIST. OF COL.	-	-	2	35	99	16	152	-	14	56	73	12	1	156
FLORIDA	4	131	119	547	898	706	2,405	385	1,350	1,083	1,264	593	105	4,780
GEORGIA	40	292	361	603	595	221	2,112	124	599	259	599	217	10	1,808
HAWAII	-	5	4	28	56	24	117	2	26	40	71	39	2	180
IDAHO	33	104	71	111	74	4	397	93	194	54	37	7	-	385
ILLINOIS	48	453	439	834	1,001	412	3,187	517	941	440	676	622	95	3,291
INDIANA	64	719	516	527	411	51	2,288	757	717	251	185	43	8	1,961
IOWA	241	434	262	281	64	3	1,285	463	435	100	44	5	-	1,047
KANSAS	57	287	195	209	278	12	1,038	224	363	28	148	7	-	770
KENTUCKY	27	162	178	344	306	77	1,094	105	317	161	257	58	4	902
LOUISIANA	43	199	221	336	229	83	1,111	271	283	277	262	53	-	1,146
MAINE	4	42	62	120	67	2	297	55	196	90	46	7	-	394
MARYLAND	34	129	99	282	294	120	958	234	347	200	275	93	25	1,174
MASSACHUSETTS	11	231	492	1,656	27	2	2,419	102	1,629	967	24	3	-	2,725
MICHIGAN	129	510	686	1,120	903	241	3,589	490	1,011	641	470	144	34	2,790
MINNESOTA	65	348	192	383	415	143	1,646	513	562	261	363	127	17	1,843
MISSISSIPPI	27	217	163	212	60	2	681	165	359	114	102	23	-	763
MISSOURI	105	348	258	486	225	206	1,627	401	508	300	251	36	1	1,497
MONTANA	30	67	40	57	17	-	211	41	73	96	15	1	-	226
NEBRASKA	27	140	95	155	101	19	537	72	190	56	70	17	-	405
NEVADA	18	35	37	96	90	66	342	211	69	14	97	41	-	432
NEW HAMPSHIRE	23	50	85	117	61	19	355	87	157	46	47	5	-	342
NEW JERSEY	109	300	503	1,001	874	101	2,888	114	715	415	553	120	2	1,919
NEW MEXICO	22	71	44	92	82	20	331	48	86	43	76	29	3	265
NEW YORK	19	115	593	1,429	1,481	531	4,168	495	1,493	663	995	297	-	3,943
NORTH CAROLINA	39	516	511	677	394	67	2,204	582	417	199	148	26	3	1,375
NORTH DAKOTA	64	77	49	61	19	-	270	79	91	34	21	1	-	226
OHIO 2/	22	479	646	988	599	58	2,792	390	1,475	1,004	943	307	27	4,146
OKLAHOMA	310	573	214	445	249	72	1,863	500	457	132	95	20	2	1,206
OREGON	48	227	160	282	271	30	1,018	175	367	201	167	56	9	975
PENNSYLVANIA	53	485	483	1,006	718	97	2,822	475	1,096	717	716	177	10	3,191
RHODE ISLAND	9	32	52	69	101	28	291	188	174	56	43	33	4	498
SOUTH CAROLINA	23	160	134	264	245	70	896	235	471	194	192	52	15	1,159
SOUTH DAKOTA	59	90	27	48	7	1	232	52	36	15	9	2	-	114
TENNESSEE	15	67	144	330	325	89	970	384	671	365	259	118	14	1,811
TEXAS	572	1,112	859	1,533	1,239	269	5,584	2,073	2,232	1,319	910	268	81	6,883
UTAH	8	47	76	78	136	84	429	65	132	73	122	77	7	476
VERMONT	4	32	26	41	26	1	130	44	75	33	22	4	-	178
VIRGINIA	14	143	211	521	533	220	1,642	158	459	371	325	85	6	1,404
WASHINGTON	107	284	275	515	351	177	1,709	344	666	287	373	94	13	1,777
WEST VIRGINIA	18	57	55	104	84	10	328	95	142	80	63	24	-	404
WISCONSIN	7	485	352	585	397	79	1,956	403	660	217	135	12	-	1,427
WYOMING	26	77	40	50	7	-	200	115	147	34	23	1	-	320
TOTAL	3,389	12,801	11,928	22,488	18,235	5,815	74,656	15,507	28,556	14,661	14,192	4,731	601	78,248
PERCENT/SYSTEM	4.5	17.1	16.0	30.2	24.4	7.8	100.0	19.8	36.6	18.7	18.1	6.0	0.8	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.

2/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 1 OF 4
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LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE					OTHER PRINCIPAL ARTERIAL							MINOR ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 6,000	6,000- 9,999	10,000- 19,999	20,000 AND OVER		LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 9,999	10,000- 14,999	15,000 AND OVER		LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 9,999	10,000- 14,999	15,000 AND OVER	
UNDIVIDED:																			
LESS THAN 9 FEET	-	-	-	-	-	3	-	6	1	-	-	10	118	137	77	2	4	-	338
9 FEET	64	-	-	-	64	42	124	48	89	-	303	680	1,312	676	483	38	27	3,216	
10 FEET	42	-	-	-	42	126	351	397	911	114	42	1,941	4,726	5,002	3,370	4,423	160	33	
11 FEET	83	-	-	-	83	465	1,477	1,305	4,180	293	135	7,855	6,276	6,915	6,519	7,753	643	114	
12 FEET	851	27	54	33	965	3,703	10,734	9,963	23,624	1,675	529	50,228	23,836	20,275	15,630	22,975	1,430	828	
GREATER THAN 12 FEET	-	-	-	-	-	591	637	701	1,907	132	45	4,013	933	1,872	945	1,462	257	101	
TOTAL UNDIVIDED	1,040	27	54	33	1,154	4,930	13,323	12,420	30,712	2,214	751	64,350	36,569	35,513	27,217	37,098	2,532	1,103	140,032
DIVIDED:																			
NO ACCESS CONTROL:																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	5	-	5	-	-	-	-	-	-	-	
10 FEET	-	-	-	-	-	-	1	-	57	82	52	192	-	-	88	27	12	127	
11 FEET	-	-	-	-	-	-	-	8	107	59	136	310	4	26	166	68	58	322	
12 FEET	-	-	-	-	-	2	158	190	4,200	1,747	1,942	8,239	16	172	1,907	565	421	3,081	
GREATER THAN 12 FEET	-	-	-	-	-	-	4	101	68	21	194	-	8	6	39	-	25	78	
SUBTOTAL	-	-	-	-	-	2	159	202	4,470	1,956	2,151	8,940	-	28	204	2,200	660	516	3,608
PARTIAL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	7	18	-	25	-	-	-	-	-	-	
10 FEET	-	-	-	-	-	-	-	5	22	16	63	108	-	-	-	-	-	-	
11 FEET	-	-	-	-	-	2	313	2,261	1,150	922	4,800	-	15	24	493	245	99	816	
12 FEET	-	6	12	6	24	154	2	1	43	34	3	83	-	-	7	-	2	9	
GREATER THAN 12 FEET	-	-	-	-	-	2	1	1	1	1	1	1	-	-	-	-	-	-	
SUBTOTAL	-	6	12	6	24	158	319	2,333	1,218	988	5,016	-	15	24	440	245	101	825	
FULL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	3	28	-	2	33	-	-	-	-	5	-	5	-	-	-	-	-	-	
9 FEET	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 FEET	-	11	7	-	18	-	-	-	-	-	40	40	-	-	-	-	-	-	
11 FEET	-	-	4	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 FEET	4,406	6,073	11,678	9,705	31,862	41	-	227	2,674	1,149	1,352	5,443	-	-	110	72	88	270	
GREATER THAN 12 FEET	-	132	206	112	450	-	-	-	-	8	-	8	-	-	-	-	-	-	
SUBTOTAL	4,409	6,244	11,895	9,821	32,369	41	-	227	2,674	1,162	1,392	5,496	-	-	110	72	88	270	
TOTAL DIVIDED	4,409	6,250	11,907	9,827	32,393	43	317	748	9,477	4,336	4,531	19,452	-	43	228	2,750	977	705	4,703
TOTAL	5,449	6,277	11,961	9,860	33,547	4,973	13,640	13,168	40,189	6,550	5,282	83,802	36,569	35,566	27,445	39,848	3,509	1,808	144,735

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1990 ¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
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TABLE HM-59
 SHEET 2 OF 4
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LANE WIDTH AND DEGREE OF ACCESS CONTROL	MAJOR COLLECTOR							MINOR COLLECTOR						
	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 100	100- 499	500- 999	1,000- 4,999	5,000- 9,999	10,000 AND OVER		LESS THAN 100	100- 499	500- 999	1,000- 4,999	5,000- 9,999	10,000 AND OVER	
UNDIVIDED:														
LESS THAN 9 FEET	2.858	5.428	2.186	495	-	-	10.967	14.482	15.685	2.860	1.835	3	-	34.865
9 FEET	4.221	16.148	9.423	14.115	373	24	44.304	14.518	32.045	10.361	6.057	17	2	63.000
10 FEET	9.455	49.357	29.074	40.328	1,601	408	130.223	21.507	39.886	14.814	11.750	485	18	88.460
11 FEET	11.432	30.393	22.813	33.735	2,675	486	101.534	14.175	19.753	6.478	6.002	343	58	46.809
12 FEET	12.703	42.916	24.195	46.397	7,482	2,010	135.703	23.525	19.124	5.499	6.776	418	68	55.410
GREATER THAN 12 FEET	1.800	2.998	1,231	3,816	922	144	10.911	2.399	1,751	377	612	32	30	5.141
TOTAL UNDIVIDED	42.469	147.240	88.922	138.886	13.053	3.072	433.642	90.546	128.244	40.389	33.032	1,298	176	293.685
DIVIDED:														
NO ACCESS CONTROL:														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	4	-	-	-	-	4
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	146	16	13	175	-	60	-	46	-	-	106
11 FEET	-	12	-	101	2	3	118	-	-	-	-	-	-	-
12 FEET	-	5	103	975	200	388	1,671	-	-	7	58	5	5	75
GREATER THAN 12 FEET	-	-	-	11	118	23	152	-	-	32	-	-	-	32
SUBTOTAL	-	17	103	1,233	336	427	2,116	-	64	39	104	5	5	217
PARTIAL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	5	-	20	25	-	-	-	-	-	-	-
12 FEET	-	-	19	330	103	27	479	10	-	-	-	-	-	10
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	19	335	103	47	504	10	-	-	-	-	-	10
FULL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	45	34	12	12	103	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	45	34	12	12	103	-	-	-	-	-	-	-
TOTAL DIVIDED	-	17	167	1,602	451	486	2,723	10	64	39	104	5	5	227
TOTAL	42.469	147.257	89.089	140.488	13.504	3.558	436.365	90.556	128.308	40.428	33.136	1,303	181	293.912

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990 ¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 3 OF 4
 SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME						AVERAGE DAILY TRAFFIC VOLUME						AVERAGE DAILY TRAFFIC VOLUME						
	LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER	TOTAL	LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER	TOTAL	LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999	20,000 AND OVER	TOTAL
UNDIVIDED:																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	3	48	5	11	20	6	93
9 FEET	-	-	-	-	-	-	-	2	-	-	2	32	36	25	64	168	59	384	
10 FEET	-	1	-	-	1	6	16	2	-	-	24	60	196	289	763	1,466	1,170	3,934	
11 FEET	-	-	-	1	1	2	13	11	2	-	26	23	252	467	1,374	1,826	1,345	5,287	
12 FEET	19	13	15	13	41	224	130	19	3	-	376	91	869	1,727	5,447	8,295	3,473	19,902	
GREATER THAN 12 FEET	-	-	-	-	-	46	8	-	-	-	54	15	125	251	1,039	2,331	480	4,241	
TOTAL UNDIVIDED	19	14	15	14	42	104	289	167	23	3	482	224	1,526	2,764	8,698	14,096	6,533	33,841	
DIVIDED:																			
NO ACCESS CONTROL:																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	2	12	22	
10 FEET	-	-	-	-	-	2	-	-	-	-	2	-	2	4	64	134	507	711	
11 FEET	-	-	-	-	-	1	15	1	-	5	22	-	13	7	88	368	1,345	1,821	
12 FEET	-	-	-	-	-	72	133	59	4	1	269	16	39	198	960	3,298	6,732	11,243	
GREATER THAN 12 FEET	-	-	-	-	-	6	10	3	-	-	19	-	13	8	88	271	362	742	
SUBTOTAL	-	-	-	-	-	81	158	63	4	6	312	16	67	219	1,206	4,073	8,959	14,540	
PARTIAL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
9 FEET	-	-	-	-	-	6	-	-	-	-	6	-	-	-	1	-	1	2	
10 FEET	-	-	-	-	-	-	8	27	-	-	35	-	-	-	-	14	40	54	
11 FEET	-	-	-	-	-	16	37	4	24	-	81	-	9	4	19	99	209	340	
12 FEET	1	9	1	-	11	415	736	280	98	6	1,535	9	36	44	457	895	1,236	2,677	
GREATER THAN 12 FEET	-	1	-	-	1	5	13	8	-	-	26	-	4	1	12	26	25	68	
SUBTOTAL	1	10	1	-	12	442	794	319	122	6	1,683	9	49	50	488	1,036	1,511	3,143	
FULL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	4	-	-	-	4	-	-	-	-	-	5	9	
10 FEET	-	1	1	35	37	-	8	-	1	-	9	-	-	-	4	6	-	6	
11 FEET	-	3	17	11	42	13	23	55	30	-	165	-	-	-	2	3	9	14	
12 FEET	858	2,923	2,629	2,485	2,271	11,166	725	1,460	1,469	588	4,972	-	8	13	51	96	244	412	
GREATER THAN 12 FEET	22	55	24	31	3	135	4	31	8	-	43	-	-	-	1	21	22	22	
SUBTOTAL	880	2,982	2,671	2,562	2,316	11,411	742	1,526	1,532	619	5,193	-	8	13	57	106	279	463	
TOTAL DIVIDED	881	2,992	2,672	2,562	2,316	11,423	1,265	2,478	1,914	745	7,188	25	124	282	1,751	5,215	10,749	18,146	
TOTAL	900	3,006	2,687	2,576	2,358	11,527	1,554	2,645	1,937	748	7,670	249	1,650	3,046	10,449	19,311	17,282	51,987	

Roadway Extent, Characteristics, and Performance

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990¹
MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
SHEET 4 OF 4
SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MINOR ARTERIAL										COLLECTOR					TOTAL
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL				
	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999		20,000 AND OVER	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999		10,000-19,999	20,000 AND OVER		
UNDIVIDED:	73	167	73	59	35	4	411	980	748	313	138	7	2,186			
LESS THAN 9 FEET	322	1,166	499	527	301	33	2,848	2,487	3,122	901	544	59	7,115			
10 FEET	813	3,042	2,199	3,606	1,854	555	12,069	4,378	7,357	3,341	2,239	73	17,942			
11 FEET	551	2,312	2,073	3,402	2,380	537	11,255	1,661	3,835	2,098	2,367	98	10,844			
12 FEET	1,361	4,931	5,501	10,421	8,185	1,588	31,987	4,640	9,760	5,839	6,098	192	28,675			
GREATER THAN 12 FEET	165	977	1,330	2,870	1,921	228	7,491	1,274	3,413	1,783	1,972	27	9,072			
TOTAL UNDIVIDED	3,285	12,595	11,675	20,885	14,676	2,945	66,061	15,420	28,235	14,275	13,358	4,155	75,835			
DIVIDED:	-	-	-	-	-	-	-	-	-	-	-	-	-			
NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	12	23	3	117	181	6	42	4	77	62	78	85	10			
10 FEET	60	146	25	117	506	366	501	20	61	18	42	121	324			
11 FEET	31	146	188	1,025	2,350	1,975	5,715	57	113	259	478	347	254			
12 FEET	1	51	14	88	216	117	467	2	63	38	227	15	1,434			
GREATER THAN 12 FEET	104	205	230	1,975	3,260	2,629	7,803	86	316	382	826	568	354			
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-			
PARTIAL ACCESS CONTROL: 2/	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 FEET	-	-	-	40	62	10	40	1	2	-	-	1	1			
11 FEET	-	-	3	112	140	202	472	-	-	-	-	5	24			
12 FEET	-	-	1	3	13	2	20	-	-	-	-	-	2			
GREATER THAN 12 FEET	-	-	22	187	170	214	594	1	5	4	8	6	30			
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-			
FULL ACCESS CONTROL: 2/	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 FEET	-	-	-	2	10	-	2	-	-	-	-	-	-			
11 FEET	-	-	-	34	44	-	44	-	-	-	-	-	-			
12 FEET	-	-	1	5	119	27	152	-	-	-	-	2	2			
GREATER THAN 12 FEET	-	-	1	41	129	27	198	-	-	-	-	2	2			
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL DIVIDED	104	206	253	1,603	3,559	2,870	8,595	87	321	366	834	576	2,413			
TOTAL	3,389	12,801	11,928	22,488	18,235	5,815	74,656	15,507	28,556	14,661	14,192	4,731	78,248			

1/ AS EXPANDED FROM THE 1990 HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 49 STATES AND THE DISTRICT OF COLUMBIA. FOR OHIO, 1989 DATA WERE FACTORED TO 1990 TOTALS BY FHWA.
2/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH DIRECT PRIVATE DRIVEWAY CONNECTIONS WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS, PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT, IN ADDITION TO INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

VOLUME-SERVICE FLOW RATIO - RURAL - 1990

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61 SHEET 1 OF 4 SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990 COMPILED FROM REPORTS OF STATE AUTHORITIES

Main data table with columns for State, Interstate, Other Principal Arterial, and Minor Arterial, each subdivided into flow ratio ranges (e.g., .41-.70, .71-.79) and counts for 'Less Than' and 'Greater Than' thresholds.

25.5 34.1 27.5 4.5 4.8 3.6 100.0 48.2

8.557 11.444 9.223 1.495 1.604 1.224 33.547 40.424

15 195 254 23 40 84 516 639

151 133 178 3 30 24 519 566

11 138 420 71 85 51 777 777

411 300 64 5 8 3 792 226

9 11 49 5 5 3 27 27

111 138 420 71 85 51 777 777

151 133 178 3 30 24 519 566

95 135 164 24 28 41 427 136

683 180 - 24 23 40 84 839 1,849

8.557 11.444 9.223 1.495 1.604 1.224 33.547 40.424

25.5 34.1 27.5 4.5 4.8 3.6 100.0 48.2

8.557 11.444 9.223 1.495 1.604 1.224 33.547 40.424

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8.557 11.444 9.223 1.495 1.604 1.224 33.547 40.424

VOLUME-SERVICE FLOW RATIO - RURAL - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61
SHEET 2 OF 4
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MAJOR COLLECTOR							MINOR COLLECTOR							TOTAL
	VOLUME-SERVICE FLOW RATIO (V/SF)							VOLUME-SERVICE FLOW RATIO (V/SF)							
	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95	TOTAL	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95	TOTAL	
ALABAMA	11,052	469	60	-	-	-	11,581	6,960	11	-	-	-	-	6,971	
ALASKA	1,790	93	21	-	-	-	1,904	894	11	-	-	-	-	905	
ARIZONA	3,257	455	19	13	-	-	3,744	3,055	13	-	-	-	-	3,068	
ARKANSAS	12,125	298	27	-	-	-	12,450	6,521	9	-	-	-	-	6,530	
CALIFORNIA	8,632	1,924	1,386	240	403	336	12,921	8,492	878	457	12	30	22	9,891	
COLORADO	6,730	548	19	4	1	-	7,302	12,034	25	3	-	3	-	12,065	
CONNECTICUT	645	229	27	10	-	49	960	1,102	30	5	-	-	-	1,137	
DELAWARE	520	51	35	-	3	-	609	126	20	3	3	-	-	152	
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA	4,124	489	67	3	-	3	4,686	5,109	72	14	-	-	-	5,195	
GEORGIA	12,979	830	156	36	24	9	14,034	6,882	381	2	-	-	1	7,266	
HAWAII	314	121	21	2	-	-	458	72	33	6	2	-	-	113	
IDAHO	4,695	157	23	2	1	4	4,882	3,781	25	2	-	-	-	3,808	
ILLINOIS	13,361	788	50	-	-	-	14,199	3,563	10	2	-	-	-	3,575	
INDIANA	7,689	1,964	101	-	-	-	9,754	10,172	114	17	-	-	-	10,303	
IOWA	13,535	32	-	-	-	-	13,567	16,397	2	-	-	-	-	16,399	
KANSAS	22,544	178	6	-	-	-	22,728	9,313	7	1	-	-	-	9,321	
KENTUCKY	5,510	1,390	205	26	9	75	7,215	8,950	262	54	2	1	3	9,272	
LOUISIANA	6,729	520	82	21	-	-	7,352	4,224	53	28	-	-	-	4,305	
MAINE	2,908	251	106	11	-	-	3,276	2,182	72	-	-	-	-	2,254	
MARYLAND	1,275	486	100	4	36	10	1,911	1,813	61	26	-	-	3	1,893	
MASSACHUSETTS	1,613	314	64	-	11	5	2,007	1,945	6	-	-	-	-	1,951	
MICHIGAN	15,195	1,561	364	78	-	3	17,201	7,411	68	4	-	-	-	7,483	
MINNESOTA	16,142	370	85	-	-	7	16,604	11,840	34	2	-	-	2	11,878	
MISSISSIPPI	11,043	509	152	-	-	-	11,704	2,888	18	3	-	-	-	2,909	
MISSOURI	17,526	464	109	-	3	-	18,102	5,416	14	-	-	-	-	5,430	
MONTANA	6,590	88	3	-	-	-	6,681	9,251	-	-	-	-	-	9,251	
NEBRASKA	11,416	35	3	4	-	-	11,458	9,229	4	-	-	-	-	9,233	
NEVADA	2,195	36	97	-	-	-	2,328	2,452	2	1	-	-	-	2,455	
NEW HAMPSHIRE	951	198	73	2	4	7	1,235	1,171	54	5	-	-	-	1,230	
NEW JERSEY	1,136	338	221	16	19	4	1,734	1,039	202	6	-	13	-	1,254	
NEW MEXICO	4,008	134	49	8	2	-	4,201	2,350	17	6	-	-	-	2,373	
NEW YORK	4,928	1,180	150	5	6	24	6,293	9,870	733	158	-	38	-	10,799	
NORTH CAROLINA	7,046	2,910	447	80	22	6	10,511	8,586	449	10	-	3	2	9,050	
NORTH DAKOTA	11,107	-	-	-	-	-	11,107	7,488	-	-	-	-	-	7,488	
OHIO 2/	10,147	1,225	372	-	33	16	11,793	6,631	421	69	-	3	-	7,124	
OKLAHOMA	20,864	492	53	-	-	-	21,409	3,088	4	-	-	-	-	3,092	
OREGON	9,266	333	44	-	-	-	9,643	7,263	64	-	-	-	-	7,327	
PENNSYLVANIA	6,509	1,198	211	-	54	8	7,980	8,117	230	29	-	-	-	8,376	
RHODE ISLAND	169	25	7	-	-	-	201	153	-	-	-	-	-	153	
SOUTH CAROLINA	7,809	601	124	-	-	-	8,534	3,952	52	-	-	-	-	4,004	
SOUTH DAKOTA	11,422	30	17	-	-	29	11,498	6,964	1	-	-	-	-	6,965	
TENNESSEE	4,840	443	135	24	19	3	5,464	10,528	212	42	-	-	-	10,782	
TEXAS	36,444	1,315	134	10	26	8	37,937	18,470	49	2	4	-	-	18,525	
UTAH	2,924	171	55	4	2	4	3,160	4,170	-	-	-	-	-	4,170	
VERMONT	1,577	239	94	3	-	-	1,913	983	2	1	-	-	-	986	
VIRGINIA	7,951	1,568	616	9	31	31	10,206	2,337	50	12	-	-	-	2,399	
WASHINGTON	6,337	855	96	-	61	-	7,349	6,445	148	87	-	-	-	6,660	
WEST VIRGINIA	5,454	751	124	1	11	11	6,352	2,143	16	2	-	-	-	2,161	
WISCONSIN	13,310	332	92	8	-	-	13,742	6,502	4	-	14	-	-	6,506	
WYOMING	2,386	84	11	-	4	-	2,485	7,441	-	-	-	-	-	7,455	
TOTAL	398,719	29,072	6,513	624	785	652	436,365	287,759	4,933	1,073	23	91	33	293,912	
PERCENT/SYSTEM	91.4	6.7	1.5	0.1	0.2	0.1	100.0	97.9	1.7	0.4	0.0	0.0	0.0	100.0	

VOLUME-SERVICE FLOW RATIO - URBAN - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-61
SHEET 3 OF 4
SEPTEMBER 1991

STATE	INTERSTATE							OTHER FREEWAYS AND EXPRESSWAYS							OTHER PRINCIPAL ARTERIAL									
	VOLUME-SERVICE FLOW RATIO (V/SF)							TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)							TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)							TOTAL
	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95	LESS THAN .21		.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95	LESS THAN .21	.21 - .40		.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95				
ALABAMA	-	62	106	22	26	31	247	-	-	8	2	2	9	21	122	360	333	57	86	60	1,008			
ALASKA	1	3	16	4	9	18	51	-	-	-	-	-	-	-	13	13	19	6	17	38	106			
ARIZONA	19	38	21	5	11	36	130	-	13	15	2	1	8	39	159	245	314	82	53	140	993			
ARKANSAS	12	38	42	4	24	3	123	34	35	20	2	9	5	105	97	167	211	5	74	81	635			
CALIFORNIA	3	36	139	82	179	544	983	15	108	303	110	186	541	1,263	203	605	1,994	612	1,345	1,182	5,941			
COLORADO	8	27	35	11	13	55	149	8	49	31	6	51	19	164	100	153	313	116	84	163	929			
CONNECTICUT	1	14	31	32	34	120	232	5	38	86	15	21	26	191	9	90	252	87	75	197	710			
DELAWARE	-	-	14	3	13	11	41	-	-	1	-	-	-	1	2	5	17	24	18	70	136			
DIST. OF COL.	-	-	1	-	3	8	12	1	-	7	3	6	7	24	-	2	23	14	27	33	99			
FLORIDA	1	27	142	18	58	170	416	11	141	53	19	14	31	269	32	541	978	217	96	71	1,935			
GEORGIA	13	77	145	16	51	70	372	24	63	25	2	14	20	148	186	493	550	74	67	98	1,468			
HAWAII	3	1	10	4	5	15	38	2	5	21	4	2	19	53	-	16	32	11	15	18	94			
IDAHO	12	21	30	3	9	-	75	-	-	-	-	-	-	-	13	52	55	20	24	20	184			
ILLINOIS	49	127	92	31	65	182	546	16	29	3	4	4	27	83	117	401	618	260	440	536	2,372			
INDIANA	20	126	108	8	23	-	285	28	27	38	10	1	8	112	147	308	392	65	144	290	1,346			
IOWA	8	55	55	2	12	5	137	-	-	-	-	-	-	-	93	318	330	46	68	64	921			
KANSAS	21	41	60	3	10	25	160	14	30	27	2	8	9	90	56	90	361	12	19	39	577			
KENTUCKY	1	35	89	8	16	35	184	46	8	7	7	22	-	90	62	116	199	21	31	68	497			
LOUISIANA	14	39	55	11	29	40	188	9	9	7	-	3	9	28	184	195	234	78	79	248	1,018			
MAINE	7	15	25	-	3	3	53	5	3	5	-	-	1	14	21	63	70	18	25	26	223			
MARYLAND	3	3	12	15	37	161	231	2	48	41	6	44	50	191	55	116	250	87	187	196	891			
MASSACHUSETTS	3	24	140	50	58	122	397	6	64	88	26	37	53	274	98	297	502	116	320	522	1,845			
MICHIGAN	4	23	98	26	61	243	455	6	31	56	12	27	69	200	44	303	707	198	242	458	1,852			
MINNESOTA	6	14	89	19	49	40	217	1	5	55	11	20	46	138	93	186	172	16	33	85	585			
MISSISSIPPI	3	56	53	8	4	-	124	26	8	-	-	-	-	34	99	253	175	25	24	24	600			
MISSOURI	30	21	56	41	79	109	336	42	57	104	7	34	26	270	69	213	298	68	138	253	1,039			
MONTANA	27	26	-	2	-	-	47	7	1	-	-	-	-	26	73	47	9	3	13	171	375			
NEBRASKA	2	2	12	-	-	19	37	3	1	4	-	1	1	10	49	121	130	14	27	34	375			
NEVADA	7	3	14	5	9	8	46	12	-	11	-	11	2	36	36	53	74	5	1	3	172			
NEW HAMPSHIRE	-	9	15	9	7	4	44	-	11	9	-	5	3	33	4	41	83	14	12	36	190			
NEW JERSEY	-	19	67	17	55	112	270	13	52	106	3	9	87	269	44	126	479	61	325	321	1,356			
NEW MEXICO	49	19	8	5	2	11	94	3	-	-	-	-	-	3	187	163	93	3	4	9	459			
NEW YORK	8	74	165	57	95	247	646	47	147	165	38	70	285	752	196	368	566	145	338	774	2,407			
NORTH CAROLINA	-	5	40	32	51	100	228	10	69	85	7	12	30	207	170	539	592	99	124	222	1,746			
NORTH DAKOTA	26	10	4	-	-	-	40	-	-	-	-	-	-	-	50	54	33	5	4	9	155			
OHIO 2/	7	51	319	74	72	202	725	96	161	63	7	17	23	367	433	414	463	100	215	532	2,157			
OKLAHOMA	11	77	55	17	13	34	207	63	55	37	12	17	5	189	474	247	61	-	-	-	782			
OREGON	14	19	40	13	33	13	132	1	7	25	4	4	14	55	36	120	254	53	62	40	565			
PENNSYLVANIA	7	52	198	38	31	77	403	71	116	138	12	21	25	384	196	592	735	299	364	689	2,815			
RHODE ISLAND	-	13	14	-	4	18	49	4	15	15	14	5	11	64	10	90	101	17	39	91	348			
SOUTH CAROLINA	3	7	32	7	19	50	118	3	8	13	-	-	-	34	47	145	266	48	72	111	689			
SOUTH DAKOTA	-	24	16	6	1	-	47	1	-	1	-	-	10	3	41	54	43	7	8	17	170			
TENNESSEE	1	32	96	18	55	80	282	-	-	-	-	-	-	-	57	310	462	164	176	146	1,325			
TEXAS	72	109	255	71	187	253	947	53	172	257	69	81	194	826	713	1,135	1,021	215	264	595	3,944			
UTAH	13	4	45	20	38	26	146	-	5	5	-	-	3	13	24	66	75	25	22	36	248			
VERMONT	6	12	16	-	-	-	34	3	3	3	2	-	-	1	1	34	39	4	12	19	109			
VIRGINIA	4	12	79	19	56	129	299	26	21	53	23	6	58	187	54	262	357	63	115	151	1,902			
WASHINGTON	22	42	55	27	55	39	240	23	38	87	11	18	15	192	263	286	376	80	121	133	1,259			
WEST VIRGINIA	1	20	46	5	5	13	90	4	38	24	3	1	-	70	28	73	73	12	9	21	216			
WISCONSIN	-	21	30	9	30	34	124	27	38	54	14	12	11	156	156	367	324	41	65	103	1,056			
WYOMING	43	7	-	-	-	-	50	3	-	-	-	-	-	3	82	39	28	11	2	5	167			
TOTAL	565	1,586	3,286	877	1,699	3,615	11,527	758	1,722	2,155	474	796	1,765	7,670	5,461	11,355	16,194	3,772	6,115	9,090	51,987			
PERCENT/SYSTEM	4.9	13.8	28.5	7.6	14.7	30.5	100.0	9.9	22.5	28.0	6.2	10.4	23.0	100.0	10.5	21.8	31.1	7.3	11.8	17.5	100.0			

VOLUME-SERVICE FLOW RATIO - URBAN - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61
SHEET 4 OF 4
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

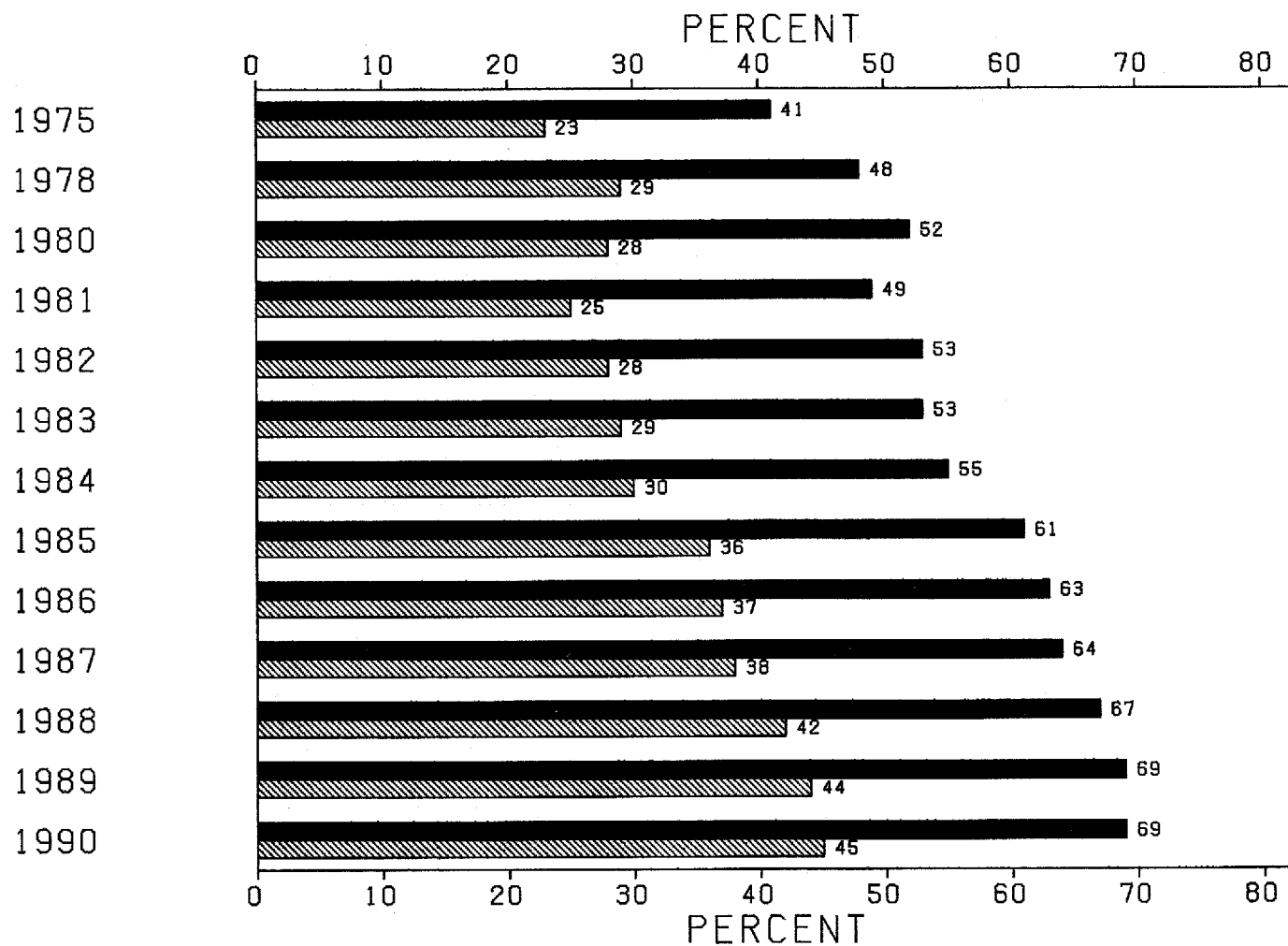
STATE	MINOR ARTERIAL							COLLECTOR							TOTAL
	VOLUME-SERVICE FLOW RATIO (V/SF)						TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)							
	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95		LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95		
ALABAMA	874	443	250	16	19	9	1,611	1,140	322	194	9	17	25	1,707	
ALASKA	33	24	6	3	8	7	81	82	61	8	3	5	5	164	
ARIZONA	419	245	240	48	16	42	1,010	1,347	152	111	11	6	23	1,650	
ARKANSAS	479	212	230	25	11	39	996	705	204	88	5	-	4	1,006	
CALIFORNIA	990	2,109	2,993	721	842	657	8,312	2,738	2,396	1,986	168	294	165	7,747	
COLORADO	497	313	275	31	10	14	1,140	814	247	84	3	1	7	1,156	
CONNECTICUT	212	260	201	65	71	140	949	1,148	412	194	29	49	84	1,916	
DELAWARE	8	6	41	6	18	55	136	22	27	53	4	26	36	168	
DIST. OF COL.	-	23	48	23	28	30	152	14	43	42	9	15	33	156	
FLORIDA	244	686	892	100	251	232	2,405	1,323	1,136	1,128	276	355	562	4,780	
GEORGIA	414	592	478	88	244	296	2,112	795	577	296	9	92	39	1,808	
HAWAII	6	25	39	20	17	10	117	25	47	60	7	15	26	180	
IDAHO	129	104	81	26	9	48	397	241	73	43	10	2	16	385	
ILLINOIS	484	669	882	107	285	760	3,187	1,293	653	589	242	266	228	3,291	
INDIANA	794	492	552	104	67	279	2,288	1,432	318	152	24	13	22	1,961	
IOWA	362	366	378	28	78	73	1,285	588	293	144	7	6	9	1,047	
KANSAS	163	243	533	51	5	43	1,038	356	198	210	-	45	81	770	
KENTUCKY	324	341	225	39	29	136	1,094	436	225	99	16	6	147	902	
LOUISIANA	352	170	197	31	47	314	1,111	550	234	121	33	61	3	1,146	
MAINE	37	80	113	13	27	27	297	232	122	31	2	4	3	394	
MARYLAND	215	224	312	31	59	117	958	650	199	183	101	14	27	1,174	
MASSACHUSETTS	417	739	962	115	160	26	2,419	1,034	701	869	100	17	4	2,725	
MICHIGAN	621	908	911	315	323	511	3,589	1,289	816	541	31	32	81	2,790	
MINNESOTA	359	390	512	66	41	178	1,546	935	556	195	18	48	89	1,843	
MISSISSIPPI	245	276	101	8	38	13	681	473	169	94	11	6	10	763	
MISSOURI	374	458	481	56	150	108	1,827	868	366	161	13	57	42	1,497	
MONTANA	111	34	46	12	5	3	211	82	89	36	3	6	-	226	
NEBRASKA	144	189	127	11	31	35	537	194	109	78	6	14	4	405	
NEVADA	149	104	63	6	12	8	342	332	60	31	3	-	6	432	
NEW HAMPSHIRE	125	99	77	11	17	26	355	259	49	16	2	14	2	342	
NEW JERSEY	747	640	468	176	294	563	2,888	1,154	312	251	33	114	55	1,919	
NEW MEXICO	167	115	40	1	8	-	331	156	83	36	-	8	2	285	
NEW YORK	599	1,135	1,015	302	222	895	4,168	2,110	929	452	110	178	164	3,943	
NORTH CAROLINA	642	586	603	67	103	203	2,204	890	236	169	25	25	30	1,375	
NORTH DAKOTA	130	79	45	1	14	1	270	149	47	21	4	5	-	226	
OHIO 2/	1,026	707	372	97	121	469	2,792	1,994	737	706	53	133	523	4,146	
OKLAHOMA	1,652	183	25	1	1	1	1,863	1,201	4	1	-	-	-	1,206	
OREGON	312	357	236	48	25	38	1,018	604	208	88	10	24	41	975	
PENNSYLVANIA	634	680	780	178	117	433	2,822	1,445	642	650	91	80	283	3,191	
RHODE ISLAND	39	56	85	37	29	45	291	321	78	70	18	7	4	498	
SOUTH CAROLINA	261	221	220	70	54	70	896	810	136	122	15	22	54	1,159	
SOUTH DAKOTA	156	56	13	1	3	3	232	92	18	3	-	1	-	114	
TENNESSEE	103	331	345	31	84	76	970	771	483	334	35	57	131	1,811	
TEXAS	2,199	1,144	993	222	367	659	5,584	4,274	1,123	743	138	116	489	6,883	
UTAH	114	117	131	16	21	30	429	290	87	72	5	10	12	476	
VERMONT	22	38	40	4	7	19	130	76	48	40	3	9	2	178	
VIRGINIA	344	557	406	54	135	146	1,642	961	278	104	29	1	31	1,404	
WASHINGTON	768	324	296	73	114	134	1,709	1,351	230	123	19	15	39	1,777	
WEST VIRGINIA	129	87	79	8	19	6	328	310	71	14	1	3	5	404	
WISCONSIN	730	486	310	85	101	194	1,906	1,149	185	61	12	13	7	1,427	
WYOMING	165	32	3	-	-	-	200	302	16	2	-	-	-	320	
TOTAL	20,520	18,755	18,753	3,650	4,757	8,221	74,656	41,807	16,807	11,899	1,785	2,292	3,658	78,248	
PERCENT/SYSTEM	27.5	25.1	25.1	4.9	6.4	11.0	100.0	53.4	21.5	15.2	2.3	2.9	4.7	100.0	

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. PRIOR TO 1988, TABLE HM-61 WAS TITLED, "VOLUME-CAPACITY RATIO." THE NEW TITLE REFLECTS THE REVISED TERMINOLOGY OF THE "HIGHWAY CAPACITY MANUAL" PUBLISHED BY THE

TRANSPORTATION RESEARCH BOARD IN 1985. 2/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

URBAN INTERSTATE CONGESTION TRENDS

PERCENT OF MILEAGE AND PEAK HOUR TRAVEL WITH V/SF > OR = .80



LEGEND ■ PEAK HOUR TRAVEL ▨ MILEAGE

ADDITIONAL VOLUME/SERVICE FLOW (V/SF) DATA ARE CONTAINED IN TABLE HM-61.

PAVEMENT CONDITION - RURAL - 1990
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
SHEET 1 OF 4
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE						OTHER PRINCIPAL ARTERIAL						MINOR ARTERIAL					
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	-	1	20	621	-	642	-	-	384	1,610	-	1,994	33	-	1,290	2,571	-	3,894
ALASKA	62	-	595	381	-	1,038	-	-	33	20	-	53	4	6	539	359	-	902
ARIZONA 2/ ARKANSAS	130	163	275	471	-	1,039	34	146	412	445	-	1,037	120	276	1,114	671	-	2,181
	-	-	144	275	-	419	-	35	1,143	753	-	1,931	-	-	2,054	1,113	-	3,167
CALIFORNIA	92	37	455	832	-	1,416	-	5	1,090	1,837	-	2,932	8	19	3,178	3,391	-	6,596
COLORADO	81	2	245	465	-	793	20	-	708	1,173	-	1,901	66	-	833	1,048	-	1,947
CONNECTICUT	-	1	42	66	-	109	-	-	123	103	-	226	-	-	115	357	-	472
DELAWARE	-	-	-	-	-	-	-	8	51	95	-	154	-	11	77	95	-	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	79	2	91	838	-	1,010	110	89	378	2,101	-	2,678	136	133	497	2,643	-	3,409
GEORGIA	113	32	189	539	-	873	86	31	699	1,889	-	2,705	333	292	1,537	3,712	-	5,874
HAWAII	-	-	-	5	-	5	-	-	6	7	-	13	8	12	257	110	-	387
IDAHO	121	97	122	190	-	530	159	188	485	816	-	1,648	224	168	304	331	-	1,027
ILLINOIS	81	-	431	903	-	1,415	-	134	913	1,694	-	2,741	-	144	3,379	1,558	-	5,081
INDIANA	-	20	178	665	-	863	-	2	315	785	-	1,102	-	-	1,048	2,086	-	3,134
IOWA	34	5	262	344	-	645	6	-	2,014	1,133	-	3,153	18	-	3,044	1,828	-	4,890
KANSAS	53	25	314	320	-	712	48	34	1,288	1,880	-	3,250	20	4	1,569	2,872	-	4,465
KENTUCKY	3	4	216	356	-	579	17	-	966	655	-	1,638	6	-	1,425	325	-	1,756
LOUISIANA	-	5	179	472	-	656	31	5	516	532	-	1,084	49	3	721	802	-	1,575
MAINE	6	13	131	163	-	313	58	10	299	369	-	736	67	6	481	534	-	1,088
MARYLAND	11	-	-	158	-	169	18	-	82	399	-	499	94	-	193	855	-	1,142
MASSACHUSETTS	2	7	53	108	-	170	-	-	126	116	-	242	3	-	483	283	-	769
MICHIGAN	40	69	349	314	-	772	31	-	1,536	829	-	2,398	189	-	2,435	1,245	-	3,869
MINNESOTA	45	-	394	249	-	688	1	1	2,152	1,203	-	3,357	63	-	3,919	1,341	-	5,323
MISSISSIPPI	-	-	99	461	-	560	-	-	415	1,161	-	1,576	-	-	1,488	2,649	-	4,137
MISSOURI	221	64	322	234	-	841	81	164	1,411	1,106	-	2,762	40	230	2,079	1,357	-	3,706
MONTANA	158	-	434	552	-	1,144	177	-	842	1,083	-	2,102	518	28	1,323	1,406	-	3,312
NEBRASKA	43	-	31	370	-	444	4	9	1,414	1,292	-	2,719	2	-	2,475	1,735	36	4,212
NEVADA	70	-	207	222	-	499	3	12	349	245	-	609	100	10	561	507	-	1,178
NEW HAMPSHIRE	17	21	142	-	-	180	-	-	270	49	-	319	3	7	481	173	-	664
NEW JERSEY	1	-	35	90	-	126	-	-	95	184	-	279	1	8	351	286	-	646
NEW MEXICO	2	10	434	460	-	906	3	-	831	542	-	1,376	39	97	1,706	451	-	2,293
NEW YORK	32	5	256	561	-	854	-	-	894	894	-	1,788	84	51	1,900	2,595	-	4,630
NORTH CAROLINA	7	-	160	542	-	709	33	4	220	1,746	-	2,003	43	44	269	1,683	-	2,039
NORTH DAKOTA	186	40	216	88	-	530	7	30	1,066	104	-	1,207	62	35	3,688	413	-	4,198
OHIO 2/	23	35	319	470	-	847	-	-	839	841	-	1,680	-	-	1,462	1,851	-	3,313
OKLAHOMA	42	-	139	542	-	723	27	-	1,059	793	-	1,879	113	-	1,570	1,597	-	3,220
OREGON	44	26	292	233	-	595	-	419	823	1,014	-	2,256	67	648	974	778	-	2,467
PENNSYLVANIA	66	24	443	633	-	1,166	57	7	1,127	597	-	1,788	138	38	4,276	1,514	-	5,966
RHODE ISLAND	5	5	-	11	-	21	8	4	28	34	-	74	15	4	42	31	-	92
SOUTH CAROLINA	48	4	188	433	-	673	-	-	591	928	-	1,519	8	-	1,697	1,732	-	3,437
SOUTH DAKOTA	-	-	44	587	-	631	77	31	738	1,472	-	2,318	156	44	1,937	1,250	-	3,387
TENNESSEE	57	27	316	380	-	780	55	51	339	614	-	1,059	140	462	1,237	2,329	-	4,168
TEXAS	25	19	744	1,494	-	2,282	112	-	4,267	3,524	-	7,903	150	62	3,490	3,212	-	6,914
UTAH	-	12	225	555	-	792	1	-	386	294	-	681	-	24	1,242	597	-	1,863
VERMONT	15	2	251	18	-	286	24	15	235	19	-	293	121	57	471	99	-	748
VIRGINIA	71	13	168	525	-	777	52	93	443	932	-	1,520	31	156	1,176	2,162	-	3,545
WASHINGTON	1	-	124	394	-	519	-	-	467	1,329	-	1,796	-	6	993	1,578	-	2,577
WEST VIRGINIA	14	13	202	198	-	427	3	8	326	175	-	512	57	20	1,034	617	-	1,728
WISCONSIN	-	-	72	444	-	516	-	-	413	2,876	-	3,289	-	-	1,096	3,972	-	5,068
WYOMING	-	-	146	717	-	863	-	-	71	952	-	1,023	-	-	478	1,618	-	2,096
TOTAL	2,101	803	10,694	19,949	-	33,547	1,343	1,535	35,680	45,244	-	83,802	3,329	3,106	69,988	68,276	36	144,735
PERCENT/SYSTEM	6.3	2.4	31.9	59.4	-	100.0	1.7	1.9	42.6	53.8	-	100.0	2.4	2.2	48.2	47.2	0.0	100.0

PAVEMENT CONDITION - RURAL - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-63
SHEET 2 OF 4
SEPTEMBER 1991

STATE	MAJOR COLLECTOR						MINOR COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	396	1,382	4,838	4,709	256	11,581	704	1,063	3,025	1,926	253	6,971
ALASKA	105	1	682	70	1,046	1,904	21	-	268	55	561	905
ARIZONA 2/ ARKANSAS	264	777	902	1,116	685	3,744	255	179	589	602	1,443	3,068
	-	51	8,972	2,285	1,142	12,450	178	293	2,002	296	3,761	6,530
CALIFORNIA	764	1,290	6,256	3,880	731	12,921	1,259	631	5,296	1,669	1,036	9,891
COLORADO	286	-	4,560	1,686	770	7,302	276	73	2,684	941	8,091	12,065
CONNECTICUT	9	54	341	556	-	960	3	56	478	595	5	1,137
DELAWARE	14	21	317	257	-	609	-	16	92	44	-	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	3,941	106	380	162	97	4,686	4,842	31	-	-	322	5,195
GEORGIA	1,063	343	6,141	6,141	346	14,034	803	198	2,391	2,515	1,359	7,266
HAWAII	48	26	289	95	-	458	22	-	75	16	-	113
IDAHO	635	738	1,661	673	1,175	4,882	470	-	813	184	2,341	3,808
ILLINOIS	-	391	6,006	7,024	778	14,199	-	165	1,356	1,171	883	3,575
INDIANA	-	364	4,310	5,080	-	9,754	1,410	1,449	4,200	2,084	1,160	10,303
IOWA	82	162	2,131	9,818	1,374	13,567	-	103	440	3,736	12,120	16,399
KANSAS	1,395	1,087	4,347	4,009	11,890	22,728	121	107	399	160	8,534	9,321
KENTUCKY	435	11	5,970	799	-	7,215	1,517	220	7,360	143	32	9,272
LOUISIANA	677	71	2,886	3,718	-	7,352	777	86	1,952	1,302	188	4,305
MAINE	351	95	1,606	1,224	-	3,276	363	76	1,069	663	83	2,254
MARYLAND	151	29	680	1,051	-	1,911	60	67	830	907	29	1,893
MASSACHUSETTS	294	-	1,132	543	38	2,007	434	45	938	276	258	1,951
MICHIGAN	1,182	959	7,168	6,212	1,680	17,201	432	52	3,822	1,625	1,552	7,483
MINNESOTA	3	276	9,419	5,283	1,623	16,604	23	7	3,122	4,277	4,449	11,878
MISSISSIPPI	3,537	-	4,226	3,238	703	11,704	961	-	746	529	673	2,909
MISSOURI	549	155	11,651	5,747	-	18,102	252	491	4,299	388	-	5,430
MONTANA	671	-	976	2,196	2,838	6,681	21	-	212	480	8,538	9,251
NEBRASKA	364	458	3,037	3,032	4,567	11,458	250	20	465	263	8,235	9,233
NEVADA	73	125	1,527	553	50	2,328	5	48	1,098	29	1,275	2,455
NEW HAMPSHIRE	84	79	1,002	70	-	1,235	644	70	481	33	2	1,230
NEW JERSEY	74	7	893	760	-	1,734	71	71	489	622	1	1,254
NEW MEXICO	239	245	3,206	231	280	4,201	171	147	1,830	16	209	2,373
NEW YORK	121	-	2,596	3,576	-	6,293	143	27	4,714	5,785	130	10,799
NORTH CAROLINA	99	127	820	9,465	-	10,511	499	162	1,692	6,697	-	9,050
NORTH DAKOTA	-	81	4,776	1,752	4,498	11,107	-	-	313	109	7,066	7,488
OHIO 2/	50	425	5,968	5,350	-	11,793	664	611	4,502	657	690	7,124
OKLAHOMA	716	582	8,876	5,684	5,551	21,409	-	33	398	341	2,320	3,092
OREGON	-	1,409	2,661	4,981	592	9,643	68	285	1,341	2,274	3,359	7,327
PENNSYLVANIA	777	160	5,557	1,066	420	7,980	2,985	492	4,769	100	30	8,376
RHODE ISLAND	49	37	73	42	-	201	33	45	57	18	-	153
SOUTH CAROLINA	92	14	3,846	4,582	-	8,534	231	-	2,293	1,388	92	4,004
SOUTH DAKOTA	1,096	155	3,477	2,738	4,032	11,498	159	-	665	201	5,940	6,965
TENNESSEE	1,344	541	1,470	2,109	-	5,464	23	82	2,923	7,126	628	10,782
TEXAS	1,726	133	26,291	9,787	-	37,937	1,303	42	14,527	2,590	63	18,525
UTAH	20	15	1,445	1,189	491	3,160	54	45	644	582	2,845	4,170
VERMONT	97	-	873	876	67	1,913	25	39	381	148	393	986
VIRGINIA	368	442	4,047	5,349	-	10,206	26	83	1,368	922	-	2,399
WASHINGTON	53	-	3,955	2,855	466	7,349	274	37	3,497	1,692	1,180	6,680
WEST VIRGINIA	581	149	3,737	1,885	-	6,352	667	293	744	339	118	2,161
WISCONSIN	-	173	2,549	11,020	-	13,742	-	-	1,293	4,999	214	6,506
WYOMING	-	-	1,169	1,235	81	2,485	154	251	744	361	5,945	7,455
TOTAL	24,875	13,746	191,698	157,759	48,287	436,365	23,653	8,291	99,686	63,876	98,406	293,912
PERCENT/SYSTEM	5.7	3.2	43.8	36.2	11.1	100.0	8.1	2.9	33.7	21.8	33.5	100.0

PAVEMENT CONDITION - URBAN - 1990

MILEAGE BY FUNCTIONAL SYSTEM

 MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

 TABLE HM-63
 SHEET 3 OF 4
 SEPTEMBER 1991

STATE	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL					
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	-	-	45	202	-	247	-	-	5	16	-	21	8	1	471	528	-	1,008
ALASKA	8	-	37	6	-	51	-	-	-	-	-	-	10	5	77	14	-	106
ARIZONA 2/ ARKANSAS	17 4	12 -	5 46	96 73	-	130 123	-	-	39 53	52	-	39 105	7 -	98 4	337 335	544 296	7 -	993 635
CALIFORNIA	28	2	508	445	-	983	3	2	522	736	-	1,263	305	143	3,437	2,056	-	5,941
COLORADO	9	-	67	73	-	149	-	-	94	70	-	164	42	-	541	346	-	929
CONNECTICUT	7	5	56	164	-	232	-	1	90	100	-	191	-	5	223	482	-	710
DELAWARE	-	-	2	39	-	41	-	-	-	1	-	1	10	5	61	60	-	136
DIST. OF COL.	3	-	7	2	-	12	7	1	15	1	-	24	6	6	68	19	-	99
FLORIDA	6	17	60	333	-	416	-	-	32	237	-	269	81	108	302	1,444	-	1,935
GEORGIA	22	1	54	295	-	372	5	6	60	77	-	148	16	3	447	1,002	-	1,468
HAWAII	1	-	21	16	-	38	3	2	31	17	-	53	2	2	55	35	-	94
IDAHO	10	12	4	49	-	75	-	-	-	-	-	-	6	15	49	114	-	184
ILLINOIS	9	9	116	412	-	546	-	3	36	44	-	83	6	66	1,376	930	-	2,372
INDIANA	-	13	52	220	-	285	-	2	26	84	-	112	4	23	602	717	-	1,346
IOWA	18	-	73	46	-	137	-	-	-	-	-	-	8	12	487	410	4	921
KANSAS	14	5	88	53	-	160	2	9	61	18	-	90	20	50	291	216	-	577
KENTUCKY	35	4	86	59	-	184	4	1	65	20	-	90	44	2	338	113	-	497
LOUISIANA	4	7	35	142	-	188	-	-	22	6	-	28	175	39	453	351	-	1,018
MAINE	1	1	22	29	-	53	1	-	5	8	-	14	5	-	90	128	-	223
MARYLAND	1	1	6	223	-	231	1	-	17	173	-	191	39	18	241	593	-	891
MASSACHUSETTS	5	-	128	264	-	397	-	-	111	163	-	274	52	18	1,208	557	-	1,845
MICHIGAN	30	46	144	295	-	455	-	1	141	58	-	200	54	9	1,187	702	-	1,952
MINNESOTA	3	-	102	112	-	217	-	3	98	37	-	138	7	5	408	165	-	585
MISSISSIPPI	-	-	49	75	-	124	-	-	5	29	-	34	47	-	220	333	-	600
MISSOURI	136	38	90	72	-	336	19	9	207	35	-	270	127	46	591	275	-	1,039
MONTANA	3	-	15	29	-	47	-	-	-	-	-	-	12	-	78	81	-	171
NEBRASKA	1	1	2	33	-	37	-	-	2	8	-	10	6	1	135	233	-	375
NEVADA	17	4	12	13	-	46	-	-	25	11	-	36	5	1	116	50	-	172
NEW HAMPSHIRE	1	5	38	-	-	44	-	-	33	-	-	33	3	6	143	38	-	190
NEW JERSEY	9	-	113	148	-	270	1	-	90	178	-	269	9	43	799	505	-	1,356
NEW MEXICO	2	1	61	30	-	94	3	-	-	-	-	3	16	4	367	72	-	459
NEW YORK	40	26	189	391	-	646	1	5	321	425	-	752	15	51	936	1,405	-	2,407
NORTH CAROLINA	-	-	61	167	-	228	1	3	53	150	-	207	62	21	261	1,402	-	1,746
NORTH DAKOTA	17	2	17	4	-	40	-	-	-	-	-	-	11	1	106	37	-	155
OHIO 2/ TEXAS	82 24	46 14	326 364	271 545	-	725 947	13 9	2	218 369	134 448	-	367 826	79 96	86 14	1,405 2,187	587 1,647	-	2,157 3,944
OKLAHOMA	8	-	31	168	-	207	3	-	51	135	-	189	3	11	208	560	-	782
OREGON	16	9	31	76	-	132	-	15	24	16	-	55	6	140	228	191	-	565
PENNSYLVANIA	12	2	173	216	-	403	3	4	242	135	-	384	250	63	1,952	550	-	2,815
RHODE ISLAND	10	3	-	36	-	49	2	4	13	45	-	64	9	26	172	141	-	348
SOUTH CAROLINA	3	-	28	87	-	118	-	-	4	30	-	34	-	-	261	428	-	689
SOUTH DAKOTA	-	-	3	44	-	47	-	-	3	-	-	3	-	1	36	133	-	170
TENNESSEE	22	11	92	157	-	282	-	-	-	-	-	-	87	106	460	672	-	1,325
UTAH	-	-	32	114	-	146	-	-	2	11	-	13	-	2	158	88	-	248
VERMONT	4	-	23	7	-	34	1	-	14	-	-	15	1	-	58	50	-	109
VIRGINIA	45	1	57	196	-	299	-	9	77	101	-	187	18	8	360	616	-	1,002
WASHINGTON	-	5	83	152	-	240	-	-	44	148	-	192	8	17	575	659	-	1,259
WEST VIRGINIA	1	1	24	64	-	90	3	5	45	17	-	70	5	1	137	73	-	216
WISCONSIN	-	1	36	87	-	124	-	-	36	120	-	156	1	-	360	695	-	1,056
WYOMING	-	-	3	47	-	50	-	-	3	-	-	3	-	-	69	98	-	167
TOTAL	688	305	3,717	6,817	-	11,527	85	87	3,365	4,133	-	7,670	1,777	1,286	26,462	23,451	11	51,987
PERCENT/SYSTEM	6.0	2.7	32.3	59.0	-	100.0	1.2	1.2	43.9	53.7	-	100.0	3.5	2.5	48.8	45.2	0.0	100.0

PAVEMENT CONDITION - URBAN - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM

 MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

 TABLE HM-63
 SHEET 4 OF 4
 SEPTEMBER 1991

STATE	MINOR ARTERIAL						COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	7	44	703	857	-	1,611	82	74	733	818	-	1,707
ALASKA	2	-	75	4	-	81	8	25	70	28	33	164
ARIZONA 2/	52	76	419	457	6	1,010	100	277	620	569	84	1,650
ARKANSAS	-	2	604	365	25	996	22	19	701	241	23	1,006
CALIFORNIA	546	551	5,060	2,142	13	8,312	792	196	4,644	2,097	18	7,747
COLORADO	57	22	681	345	35	1,140	158	9	584	359	46	1,156
CONNECTICUT	10	28	411	500	-	949	24	96	878	916	2	1,916
DELAWARE	-	4	87	45	-	136	-	17	106	45	-	168
DIST. OF COL.	13	8	109	22	-	152	15	19	95	27	-	156
FLORIDA	1,005	52	284	1,064	-	2,405	4,634	11	1	70	64	4,780
GEORGIA	209	30	695	1,173	5	2,112	123	49	791	831	14	1,808
HAWAII	4	10	67	36	-	117	8	14	101	57	-	180
IDAHO	37	14	116	230	-	397	20	12	79	270	4	385
ILLINOIS	-	129	1,794	1,235	29	3,167	-	335	1,719	1,222	15	3,291
INDIANA	67	168	975	1,067	11	2,288	77	197	835	812	40	1,961
IOWA	10	21	328	878	48	1,285	16	40	272	597	122	1,047
KANSAS	33	215	457	323	10	1,038	96	125	349	161	39	770
KENTUCKY	107	15	889	83	-	1,094	159	16	700	26	1	902
LOUISIANA	164	8	459	480	-	1,111	340	94	401	311	-	1,146
MAINE	21	13	104	159	-	297	26	3	171	193	1	394
MARYLAND	9	35	251	663	-	958	25	37	386	726	-	1,174
MASSACHUSETTS	121	17	1,881	400	-	2,419	179	44	2,152	333	17	2,725
MICHIGAN	148	125	1,381	1,915	20	3,589	99	101	1,043	1,436	111	2,790
MINNESOTA	60	30	1,026	422	8	1,546	205	19	1,088	491	40	1,843
MISSISSIPPI	98	-	250	332	1	681	54	-	282	397	30	763
MISSOURI	169	121	909	428	-	1,627	466	15	775	160	81	1,497
MONTANA	31	23	138	15	4	211	21	16	150	35	4	226
NEBRASKA	26	19	285	197	10	537	9	7	258	121	10	405
NEVADA	32	12	258	40	-	342	24	37	364	6	1	432
NEW HAMPSHIRE	53	14	236	52	-	355	114	11	194	23	-	342
NEW JERSEY	35	252	1,402	1,199	-	2,888	148	130	1,114	526	1	1,919
NEW MEXICO	32	10	250	36	3	331	35	13	234	-	3	285
NEW YORK	5	3	1,200	2,960	-	4,168	6	110	1,098	2,727	2	3,943
NORTH CAROLINA	60	11	469	1,664	-	2,204	235	14	391	725	10	1,375
NORTH DAKOTA	7	4	207	28	24	270	19	4	157	26	20	226
OHIO 2/	80	42	1,985	684	1	2,792	56	261	3,378	451	-	4,146
OKLAHOMA	13	72	509	1,222	47	1,863	-	91	318	704	93	1,206
OREGON	20	137	327	531	3	1,018	43	112	309	509	2	975
PENNSYLVANIA	226	60	2,071	436	29	2,822	404	90	2,133	560	4	3,191
RHODE ISLAND	15	42	131	103	-	291	48	106	244	100	-	498
SOUTH CAROLINA	3	-	469	421	3	896	12	11	685	446	5	1,159
SOUTH DAKOTA	22	13	117	65	15	232	13	4	59	27	11	114
TENNESSEE	22	47	397	504	-	970	65	26	1,063	657	-	1,811
TEXAS	355	39	3,231	1,952	7	5,584	820	50	4,541	1,424	48	6,883
UTAH	1	2	274	151	1	429	4	-	278	193	1	476
VERMONT	-	3	84	41	2	130	-	9	100	57	12	178
VIRGINIA	57	19	629	937	-	1,642	42	15	607	740	-	1,404
WASHINGTON	19	13	914	754	9	1,709	15	28	1,192	535	7	1,777
WEST VIRGINIA	26	13	179	109	1	328	55	26	254	69	-	404
WISCONSIN	-	10	302	1,594	-	1,906	-	-	471	939	17	1,427
WYOMING	3	1	123	73	-	200	1	6	259	45	9	320
TOTAL	4,092	2,599	36,202	31,393	370	74,656	9,917	3,021	39,427	24,838	1,045	78,248
PERCENT/SYSTEM	5.5	3.5	48.4	42.1	0.5	100.0	12.7	3.9	50.3	31.8	1.3	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. PAVEMENT CONDITION IS STRATIFIED USING THE "PRESENT SERVICEABILITY RATING" (PSR) - A STANDARD MEASURE OF PAVEMENT CONDITION ADOPTED FROM THE "RAASHO ROAD TESTS" CONDUCTED IN THE LATE 1950'S AND EARLY 1960'S. REFERENCE: HIGHWAY RESEARCH BOARD SPECIAL REPORT 61E, 1962. THE PSR VALUES RANGE FROM 0.1 TO 5.0. 5.0 DENOTES NEW PAVEMENTS IN EXCELLENT CONDITION WHILE 0.1 DENOTES PAVEMENTS IN EXTREMELY POOR CONDITION. VARIOUS STAGES OF PAVEMENT DETERIORATION ARE REPRESENTED BY VALUES BETWEEN THESE LIMITS.

2/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE OR INCOMPLETE).

MEASURED PAVEMENT ROUGHNESS - RURAL - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM²

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-64
 SHEET 1 OF 3
 SEPTEMBER 1991

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 4/								
	INTERSTATE								TOTAL REPORTED
	NOT REPORTED 3/	1-50	51-75	76-100	101-125	126-150	151-200	> 200	
ALABAMA	-	139	128	206	63	42	31	33	642
ALASKA	-	26	32	148	163	118	445	106	1,038
ARIZONA	-	23	318	366	257	34	34	7	1,039
ARKANSAS	105	-	18	140	79	49	28	-	314
CALIFORNIA	-	28	227	276	497	174	179	35	1,416
COLORADO	-	44	119	269	195	87	70	9	793
CONNECTICUT	-	-	-	12	29	33	25	10	109
DELAWARE	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-
FLORIDA	-	16	314	213	130	214	101	22	1,010
GEORGIA	-	208	427	168	70	-	-	-	873
HAWAII	-	-	-	-	-	-	5	-	5
IDAHO	-	-	-	26	97	133	235	39	530
ILLINOIS	-	131	119	511	322	226	85	21	1,415
INDIANA	-	146	374	203	47	31	62	-	863
IOWA	179	-	24	79	209	105	49	-	466
KANSAS	197	39	133	53	118	66	106	-	515
KENTUCKY	-	51	186	86	115	111	29	1	579
LOUISIANA	61	70	153	136	139	33	38	26	595
MAINE 5/	-	-	-	-	-	-	-	-	-
MARYLAND	5	-	37	43	30	12	22	20	164
MASSACHUSETTS	-	-	23	72	54	18	3	-	170
MICHIGAN	-	32	179	202	182	115	54	8	772
MINNESOTA	-	-	21	50	251	182	139	45	688
MISSISSIPPI	-	-	70	149	204	87	40	10	560
MISSOURI	-	-	266	528	47	-	-	-	841
MONTANA	-	486	319	269	34	23	13	-	1,144
NEBRASKA	-	8	107	115	131	40	43	-	444
NEVADA	-	-	-	147	264	29	57	2	499
NEW HAMPSHIRE	-	-	83	80	12	-	5	-	180
NEW JERSEY	16	-	-	-	60	18	28	4	110
NEW MEXICO	-	425	311	140	28	2	-	-	906
NEW YORK	-	59	253	394	81	25	30	12	854
NORTH CAROLINA	35	-	74	213	132	164	65	26	674
NORTH DAKOTA	-	-	16	128	262	66	58	-	530
OHIO 6/	200	29	216	144	170	54	34	-	647
OKLAHOMA 5/	-	-	-	-	-	-	-	-	-
OREGON	-	29	157	331	66	9	3	-	595
PENNSYLVANIA	-	4	98	205	306	167	256	130	1,166
RHODE ISLAND	-	-	2	8	6	5	-	-	21
SOUTH CAROLINA	-	309	224	73	33	34	-	-	673
SOUTH DAKOTA	-	-	-	21	130	235	245	-	631
TENNESSEE	-	591	141	47	1	-	-	-	780
TEXAS	-	-	662	961	431	191	37	-	2,282
UTAH	-	-	-	12	336	303	141	-	792
VERMONT	-	-	-	49	149	31	55	2	286
VIRGINIA	-	9	316	332	37	20	63	-	777
WASHINGTON	-	-	77	263	113	39	27	-	519
WEST VIRGINIA	-	1	36	71	122	102	91	4	427
WISCONSIN	-	-	118	197	70	72	43	16	516
WYOMING	-	613	28	28	36	98	60	-	863
TOTAL 2/	798	3,516	6,406	8,164	6,308	3,597	3,134	588	31,713
PERCENT/SYSTEM REPORTED	-	11.1	20.2	25.7	19.9	11.3	9.9	1.9	100.0

MEASURED PAVEMENT ROUGHNESS - RURAL - 1990¹

MILEAGE BY FUNCTIONAL SYSTEM²

MILEAGE AS OF DECEMBER 31, 1990
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-64
 SHEET 2 OF 3
 SEPTEMBER 1991

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 4/																	
	OTHER PRINCIPAL ARTERIAL									MINOR ARTERIAL								
	NOT REPORTED 3/	1-50	51-75	76-100	101-125	126-150	151-200	> 200	TOTAL REPORTED	NOT REPORTED 3/	1-50	51-75	76-100	101-125	126-150	151-200	> 200	TOTAL REPORTED
ALABAMA	-	53	281	666	662	220	111	1	1,994	-	45	460	1,030	1,162	802	326	69	3,894
ALASKA	-	-	-	20	-	-	6	27	53	-	-	81	245	72	107	336	61	902
ARIZONA	-	6	356	310	190	81	40	54	1,037	-	31	345	511	463	359	332	140	2,181
ARKANSAS	433	60	460	518	240	123	97	-	1,498	146	1	1,057	1,141	635	171	16	-	3,021
CALIFORNIA	-	79	402	851	1,166	220	209	5	2,932	-	52	418	1,583	2,939	579	998	27	6,596
COLORADO	-	5	516	674	439	212	41	14	1,901	-	1	250	708	492	257	150	89	1,947
CONNECTICUT	-	-	3	17	32	47	113	14	226	-	-	-	-	39	98	211	124	472
DELAWARE	-	13	20	21	18	46	32	4	154	-	-	86	33	21	1	28	14	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	14	-	392	563	549	803	302	55	2,664	169	12	391	1,005	736	669	320	107	3,240
GEORGIA	-	846	1,610	242	-	7	-	3	2,705	-	5,869	-	5	-	-	-	-	5,874
HAWAII	-	-	-	-	-	-	10	-	13	367	-	-	-	-	-	11	9	20
IDAHO	-	-	-	26	147	343	977	155	1,648	-	-	9	15	72	182	617	132	1,027
ILLINOIS	-	1,845	3	239	342	87	214	11	2,741	-	-	-	-	15	15	316	129	5,081
INDIANA	-	69	405	250	178	78	102	20	1,102	-	5,066	255	585	1,225	422	203	129	3,134
IOWA	1,436	-	77	26	43	786	725	60	1,717	2,295	-	66	360	265	643	1,114	147	2,595
KANSAS	15	340	922	950	581	225	127	90	3,235	-	639	1,300	973	760	535	157	60	4,424
KENTUCKY	-	34	150	440	462	334	186	32	1,638	41	-	77	248	507	579	319	26	1,756
LOUISIANA	-	35	134	136	206	171	261	141	1,084	-	-	159	249	219	251	358	339	1,575
MAINE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	2	13	147	171	102	42	14	8	497	3	-	96	523	341	95	79	3	1,139
MASSACHUSETTS	68	2	11	32	35	57	34	3	174	389	2	11	99	46	92	115	17	380
MICHIGAN	-	175	804	695	239	265	200	20	2,398	28	-	978	553	442	543	30	-	3,841
MINNESOTA	-	-	139	1,071	696	670	694	87	3,357	-	-	165	1,196	1,797	993	874	298	5,323
MISSISSIPPI	-	-	170	548	347	285	157	69	1,576	-	-	180	1,310	1,020	288	1,159	180	4,137
MISSOURI	-	-	492	1,019	771	280	154	46	2,762	-	-	140	670	501	352	1,258	785	4,137
MONTANA	-	-	65	248	710	554	493	32	2,102	36	-	5	116	471	911	1,639	134	3,706
NEBRASKA	-	46	332	396	841	630	421	53	2,719	-	202	265	610	1,013	1,035	959	128	3,276
NEVADA	-	-	272	248	74	14	1	609	-	-	-	317	466	93	190	112	3	1,178
NEW HAMPSHIRE	-	20	150	102	34	13	-	319	-	-	35	168	48	34	7	7	3	664
NEW JERSEY	9	-	-	46	143	71	10	270	39	-	-	369	97	176	174	160	-	607
NEW MEXICO	-	535	390	276	156	14	5	1,376	-	395	639	399	517	195	148	-	-	2,293
NEW YORK	-	29	387	475	360	193	284	60	1,788	-	57	1,060	1,614	589	772	332	206	4,630
NORTH CAROLINA	27	2	105	682	611	311	243	22	1,976	234	-	11	410	584	355	431	14	1,805
NORTH DAKOTA	29	-	58	295	313	183	262	67	1,178	62	-	86	664	1,046	975	842	523	4,136
OHIO 6/	1,047	26	219	205	82	85	16	-	633	3,182	-	11	-	35	85	-	-	131
OKLAHOMA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	42	324	525	596	527	225	17	2,256	-	-	144	553	576	645	455	94	2,487
PENNSYLVANIA	-	17	76	239	335	373	535	213	1,788	-	-	197	800	1,463	1,349	1,343	792	5,966
RHODE ISLAND	74	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	-
SOUTH CAROLINA	-	2	469	633	273	80	56	6	1,519	-	9	946	1,175	638	421	226	22	3,437
SOUTH DAKOTA	42	-	38	348	687	554	536	113	2,276	22	-	139	492	386	605	1,328	215	3,365
TENNESSEE	-	542	427	72	11	5	2	-	1,059	-	2,111	1,638	354	95	6	-	24	4,168
TEXAS	-	-	1,549	3,062	2,479	498	206	9	7,903	-	-	892	2,555	2,742	546	173	6	6,914
UTAH	-	-	-	38	182	206	196	59	681	-	-	-	-	298	675	752	138	1,863
VERMONT	-	-	-	2	16	59	147	69	293	-	-	-	-	53	179	353	150	748
VIRGINIA	-	3	359	619	370	61	90	18	1,520	-	-	212	1,208	1,080	647	267	127	3,545
WASHINGTON	-	20	108	761	580	223	104	-	1,796	-	4	72	1,208	1,065	657	211	43	2,577
WEST VIRGINIA	-	-	42	110	115	72	147	26	512	3	-	75	337	504	344	346	116	1,725
WISCONSIN	-	-	460	1,044	866	556	297	66	3,289	-	-	647	1,479	1,034	812	1,024	72	5,068
WYOMING	9	860	15	29	32	34	44	-	1,014	196	1,589	29	17	109	140	-	-	1,900
TOTAL 1/	3,205	5,719	13,167	19,918	17,395	10,826	9,200	1,757	77,982	7,304	16,521	14,487	27,917	27,911	19,446	20,976	5,865	133,123
PERCENT/SYSTEM REPORTED	-	7.3	16.9	25.5	22.3	13.9	11.8	2.3	100.0	-	12.4	10.9	20.9	21.0	14.6	15.8	4.4	100.0

MEASURED PAVEMENT ROUGHNESS - URBAN - 1990 ¹

MILEAGE BY FUNCTIONAL SYSTEM ²

TABLE HM-54
SHEET 3 OF 3
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

INTERNATIONAL ROUGHNESS INDEX (IRI) ^{4/}

STATE	INTERSTATE									OTHER FREEWAYS AND EXPRESSWAYS								
	NOT REPORTED ^{3/}	1-50	51-75	76-100	101-125	126-150	151-200	> 200	TOTAL REPORTED	NOT REPORTED ^{3/}	1-50	51-75	76-100	101-125	126-150	151-200	> 200	TOTAL REPORTED
ALABAMA	-	39	65	41	13	9	42	36	247	-	-	-	7	13	1	-	-	21
ALASKA	-	-	3	-	3	16	18	11	51	-	-	-	-	-	-	-	-	-
ARIZONA	-	4	17	36	40	17	3	13	130	-	-	-	12	6	17	4	-	39
ARKANSAS	28	-	10	39	29	13	3	1	95	26	-	22	11	11	21	7	7	79
CALIFORNIA	-	46	86	144	406	165	136	-	983	-	40	141	320	449	174	134	5	1,263
COLORADO	-	2	14	56	42	18	15	2	149	-	1	32	43	35	20	33	-	154
CONNECTICUT	-	-	1	62	60	59	33	17	232	-	-	9	15	44	35	71	16	191
DELAWARE	-	1	15	10	4	5	5	1	41	-	-	-	-	-	1	-	-	1
DIST. OF COL.	-	-	-	-	3	1	2	6	12	-	-	-	-	-	1	23	-	24
FLORIDA	1	14	88	32	66	102	103	10	415	22	-	4	42	123	55	23	-	247
GEORGIA	-	169	128	71	4	-	-	5	372	-	38	90	18	2	3	-	-	148
HAWAII	-	-	-	-	-	3	30	-	38	10	-	-	-	-	-	24	16	43
IDAHO	-	-	1	17	17	16	38	3	75	-	-	-	-	-	6	10	5	83
ILLINOIS	-	176	4	87	132	76	51	20	546	-	30	-	26	6	12	24	-	112
INDIANA	-	33	75	40	64	36	32	5	285	-	4	28	11	28	-	-	-	-
IOWA	23	-	-	1	23	37	53	-	114	-	-	-	-	-	-	-	-	-
KANSAS	36	-	20	32	25	29	11	7	124	35	-	7	9	19	10	8	2	55
KENTUCKY	-	1	33	19	35	36	51	9	184	-	-	1	17	23	28	16	5	90
LOUISIANA	11	11	20	51	35	34	18	8	177	-	-	1	3	2	3	17	-	28
MAINE ^{5/}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	43	-	31	74	32	22	20	9	188	21	2	18	36	44	31	27	12	170
MASSACHUSETTS	-	8	32	156	117	66	23	5	397	31	-	5	53	95	50	34	6	243
MICHIGAN	-	5	102	70	103	96	48	33	455	3	2	21	28	68	48	26	4	197
MINNESOTA	-	-	15	31	110	24	34	3	217	-	-	6	29	31	47	5	-	136
MISSISSIPPI	-	-	2	30	31	33	26	2	124	-	-	3	17	6	5	2	1	34
MISSOURI	-	-	39	182	80	35	-	-	336	-	-	16	78	59	18	93	-	270
MONTANA	-	24	5	13	4	-	1	-	47	-	-	-	-	6	-	1	-	10
NEBRASKA	-	-	-	4	8	3	19	3	37	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	3	9	6	19	7	46	-	-	-	3	26	2	1	4	36
NEW HAMPSHIRE	-	3	17	23	-	-	1	-	44	-	-	-	21	4	-	-	-	33
NEW JERSEY	49	-	-	67	49	94	11	-	221	36	-	-	-	66	58	102	7	233
NEW MEXICO	-	29	32	25	7	1	-	-	94	3	-	-	-	-	-	-	-	-
NEW YORK	-	3	99	99	105	102	152	86	646	-	4	45	80	169	158	182	114	752
NORTH CAROLINA	-	-	-	41	73	44	52	18	228	22	-	6	43	39	41	48	8	185
NORTH DAKOTA	-	-	-	3	18	15	-	2	38	-	-	-	-	-	-	-	-	-
OHIO ^{6/}	2	3	129	145	108	96	60	16	557	171	-	64	39	36	31	31	5	196
OKLAHOMA ^{5/}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	20	22	35	31	23	1	132	-	-	6	20	15	13	1	-	55
PENNSYLVANIA	-	-	9	74	101	83	91	45	403	53	-	-	23	64	85	141	71	384
RHODE ISLAND	-	-	17	17	9	4	1	1	49	-	-	-	-	5	6	-	-	11
SOUTH CAROLINA	-	39	58	10	8	3	-	-	118	-	-	7	16	10	1	-	-	34
SOUTH DAKOTA	-	-	-	7	17	-	23	-	47	1	-	-	-	-	-	-	-	2
TENNESSEE	-	91	115	52	17	6	-	1	282	-	-	-	-	940	155	129	4	826
TEXAS	-	-	99	238	348	184	76	2	947	-	-	33	165	340	155	129	4	-
UTAH	-	-	-	1	25	45	64	11	146	-	-	-	-	2	5	5	1	13
VERMONT	-	-	-	-	22	9	3	-	34	-	-	-	-	10	1	3	1	15
VIRGINIA	-	-	37	66	96	74	16	10	299	-	-	19	51	70	22	16	9	187
WASHINGTON	-	-	53	66	55	41	21	3	240	-	-	54	57	39	32	10	-	192
WEST VIRGINIA	-	-	2	21	23	15	28	3	90	-	-	6	12	12	25	3	-	70
WISCONSIN	-	-	6	38	33	13	25	9	124	-	-	6	48	31	43	22	6	156
WYOMING	9	41	-	-	-	-	-	-	41	3	-	-	-	-	-	-	-	-
TOTAL ^{7/}	370	742	1,498	2,226	2,653	1,781	1,560	437	10,897	437	121	647	1,353	2,008	1,239	1,205	457	7,030
PERCENT/SYSTEM REPORTED	-	6.8	13.7	20.4	24.5	16.3	14.3	4.0	100.0	-	1.7	9.2	19.2	29.7	17.6	17.1	6.5	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 2/ DATA ARE REQUIRED FOR ALL RURAL ARTERIALS AND URBAN INTERSTATE AND OTHER FREEWAYS AND EXPRESSWAYS.
 3/ SOME STATES DID NOT REPORT FOR ALL REQUIRED SYSTEMS.
 4/ DATA ARE REPORTED AS THE INTERNATIONAL ROUGHNESS INDEX (IRI) IN INCHES PER MILE.
 REFERENCE: WORLD BANK TECHNICAL PAPER NUMBER 46, 1986. LOWER IRI REPRESENTS SMOOTHER

RIDING ROADWAYS. SEE THE "ROADWAY EXTENT, CHARACTERISTICS AND PERFORMANCE" TEXT AT THE FRONT OF THE MILEAGE TABLES.
 5/ DATA NOT REPORTED OR NOT USABLE FOR ANY SYSTEMS.
 6/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).
 7/ TOTALS ONLY REFLECT THOSE STATES REPORTING USABLE OR PARTIALLY USABLE DATA.

ESTIMATED LANE MILEAGE - 1990¹

BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1990
COMPILED IN COOPERATION WITH STATE AUTHORITIES

TABLE HM-60
SEPTEMBER 1991

STATE	RURAL							URBAN							TOTAL ESTIMATED LANE MILEAGE
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL 2/ ²	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL 2/ ²	TOTAL	
ALABAMA	2,568	5,379	8,151	23,347	13,948	97,472	150,865	1,203	89	3,333	3,907	3,685	24,520	36,737	187,602
ALASKA	2,118	110	1,831	3,660	1,635	14,268	23,622	183		330	182	350	2,294	3,339	26,961
ARIZONA	4,166	2,251	4,572	7,671	6,077	51,752	76,489	658	220	3,982	3,119	3,601	21,690	33,270	109,759
ARKANSAS	1,689	4,324	6,368	24,569	11,708	89,822	138,480	573	394	1,801	2,144	2,016	9,624	16,552	155,032
CALIFORNIA	6,599	8,393	13,766	26,276	19,800	111,792	186,628	7,255	6,888	22,220	23,776	16,907	99,352	176,398	363,026
COLORADO	3,212	4,448	4,075	14,661	23,564	84,800	134,760	739	666	3,263	2,851	2,460	15,468	25,447	160,207
CONNECTICUT	481	649	972	1,919	2,277	12,364	18,662	1,308	782	1,863	2,142	3,994	13,814	23,903	42,565
DELAWARE	-	502	414	1,223	305	5,462	7,906	241	3	513	348	358	2,266	3,729	11,635
DIST. OF COL.	-	-	-	-	-	-	-	73	112	448	419	325	1,318	2,695	2,695
FLORIDA	4,252	7,950	7,326	9,407	10,420	86,146	125,501	2,167	1,211	7,933	7,676	10,696	76,458	106,141	231,642
GEORGIA	3,815	6,962	12,259	28,156	14,547	114,242	179,981	2,310	853	4,731	5,199	3,872	31,640	48,405	228,386
HAWAII	29	36	796	901	226	3,222	5,209	248	224	332	333	396	2,060	3,593	8,802
IDAHO	2,067	3,518	2,087	9,878	7,545	96,222	121,317	302		591	900	781	2,776	5,350	126,667
ILLINOIS	5,731	7,730	10,627	28,582	7,154	153,860	213,684	2,872	368	7,925	8,311	7,213	45,048	71,737	285,421
INDIANA	3,521	3,284	7,433	20,250	20,606	97,768	152,862	1,396	453	4,115	5,096	4,007	23,752	38,819	191,681
IOWA	2,612	7,100	9,951	27,256	32,854	130,202	209,975	632		2,977	3,110	2,289	10,792	19,800	229,775
KANSAS	2,862	7,170	9,049	45,545	18,649	167,994	251,269	773	361	1,666	2,368	1,550	12,940	19,658	270,927
KENTUCKY	2,380	4,933	3,772	14,591	18,511	83,032	127,219	916	349	1,682	2,576	1,880	9,850	17,213	144,432
LOUISIANA	2,670	2,698	3,615	14,842	8,631	62,716	95,172	918	114	3,322	3,016	2,684	17,598	27,650	122,822
MAINE	1,277	1,496	2,215	6,558	4,508	24,456	40,510	214	55	547	605	790	3,026	5,237	45,747
MARYLAND	825	1,938	2,447	3,871	3,791	21,696	34,568	1,455	811	3,350	2,482	2,571	17,690	28,359	62,927
MASSACHUSETTS	5,731	7,730	1,633	4,058	3,750	16,182	27,118	2,334	1,116	4,392	4,991	5,442	26,372	44,647	71,765
MICHIGAN	3,289	5,893	8,055	34,642	14,988	118,100	184,967	2,562	900	7,306	9,217	5,370	35,380	61,335	246,302
MINNESOTA	2,780	8,202	10,769	33,260	23,760	154,678	233,449	1,111	585	1,913	4,062	4,077	19,758	31,506	264,955
MISSISSIPPI	2,240	4,356	8,426	23,502	5,821	88,556	132,901	531	134	1,959	1,575	1,600	10,308	16,107	149,008
MISSOURI	3,381	6,618	7,451	36,275	10,860	149,294	213,879	1,888	1,010	3,333	4,144	3,004	20,540	33,919	247,798
MONTANA	4,576	4,320	6,661	13,380	18,133	93,252	140,322	188		531	461	456	3,232	4,868	145,190
NEBRASKA	1,776	5,648	8,476	22,921	18,460	118,770	176,051	169	37	1,234	1,262	842	7,176	10,720	186,771
NEVADA	1,996	1,417	2,368	4,692	4,920	70,742	86,135	223	155	707	1,020	1,037	4,112	7,254	93,389
NEW HAMPSHIRE	778	719	1,369	2,476	2,458	17,550	25,350	201	130	457	751	684	2,938	5,161	30,511
NEW JERSEY	680	972	1,561	3,553	2,507	15,422	24,695	1,750	1,284	4,383	6,151	3,889	31,600	49,057	73,752
NEW MEXICO	3,642	3,398	4,778	8,549	4,766	76,178	101,311	414	14	1,832	923	637	8,652	12,472	113,783
NEW YORK	3,536	4,825	9,729	12,592	21,598	97,930	150,210	3,366	3,430	7,704	9,860	8,185	51,994	84,539	234,749
NORTH CAROLINA	2,900	5,323	4,586	21,558	18,098	102,266	154,731	1,024	834	5,589	6,073	2,865	26,970	42,345	197,076
NORTH DAKOTA	2,120	3,136	8,399	22,213	14,977	120,352	171,197	161		489	594	452	2,240	3,936	175,133
DIST 3/ ³	3,447	4,993	7,055	24,396	14,376	114,830	169,097	3,698	1,517	6,464	7,040	9,366	42,482	70,587	239,664
OKLAHOMA	2,892	5,029	6,844	42,723	6,089	138,718	202,295	989	828	2,536	4,496	2,580	15,672	27,101	229,396
OREGON	2,428	5,108	6,112	19,323	14,653	128,542	176,166	634	229	1,758	2,426	2,016	11,350	18,393	193,559
PENNSYLVANIA	4,676	5,293	12,581	16,117	16,781	125,776	181,204	1,834	1,535	8,368	6,331	6,485	37,458	62,011	243,215
RHODE ISLAND	84	211	208	421	306	1,964	3,194	301	273	974	651	994	6,676	9,869	13,063
SOUTH CAROLINA	2,705	4,174	7,563	17,247	8,009	73,072	112,770	582	137	2,484	2,387	2,447	12,894	20,931	133,701
SOUTH DAKOTA	2,524	5,167	6,830	22,996	13,933	96,326	147,776	188	14	531	478	232	2,336	3,779	151,555
TENNESSEE	3,175	2,779	8,870	11,004	21,179	94,092	141,099	1,382		4,618	2,634	3,914	21,904	34,452	175,551
TEXAS	9,196	22,305	15,393	77,383	37,085	287,228	448,590	5,265	3,893	14,651	15,744	15,036	141,184	195,773	644,363
UTAH	3,216	1,559	3,824	6,381	8,344	54,006	77,330	812	51	876	1,211	1,054	8,526	12,530	89,860
VERMONT	1,144	673	1,508	3,834	1,971	17,430	26,560	136	44	251	272	356	1,428	2,487	29,047
VIRGINIA	3,318	5,608	7,584	20,915	4,800	68,004	110,229	1,597	701	3,497	4,272	3,017	21,434	34,518	144,747
WASHINGTON	2,299	3,895	5,289	14,881	13,359	92,236	131,959	1,358	753	3,948	4,387	3,750	22,166	36,362	169,321
WEST VIRGINIA	1,734	1,425	3,644	12,709	4,323	40,672	64,507	375	214	577	699	844	3,936	6,645	71,152
WISCONSIN	2,172	7,632	10,415	27,516	12,973	132,720	193,428	599	689	3,260	4,674	2,964	19,452	31,638	225,086
WYOMING	3,452	2,072	4,228	4,997	14,818	46,678	76,243	200	12	571	457	648	2,424	4,312	80,555
TOTAL	135,858	214,287	302,935	879,679	584,829	4,260,854	6,378,442	62,306	34,272	174,117	188,803	167,218	1,066,550	1,693,266	8,071,708
PERCENT - TOTAL	1.7	2.7	3.8	10.9	7.3	52.6	79.0	0.8	0.4	2.2	2.4	2.1	13.1	21.0	100.0

1/ AS ESTIMATED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) DATA BY FHWA.

THE NUMBER OF LANES.

2/ LOCAL FUNCTIONAL SYSTEM LANE MILEAGE ESTIMATED BY FHWA ASSUMING TWO AS

3/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1990¹
COUNT BY FUNCTIONAL SYSTEM

DATA SOURCE: STRUCTURE INVENTORY OF NATION'S BRIDGES,
BRIDGE DIVISION, OFFICE OF ENGINEERING, FHWA

TABLE HM-55
SEPTEMBER 1991

STATE	RURAL											URBAN						TOTAL	UN-CLASSIFIED ^{2/}	TOTAL BRIDGES
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL						
															1	2	3			
ALABAMA	600	959	1,416	3,181	2,661	4,460	13,267	542	9	571	275	159	606	2,162						
ALASKA	134	101	40	70	61	97	703	25	3	46	19	2	26	121						
ARIZONA	1,498	648	918	2,704	299	356	4,503	164	46	359	195	228	299	1,231						
ARKANSAS	367	949	1,273	3,630	1,224	3,890	11,533	223	139	289	282	151	229	1,313						
CALIFORNIA	1,396	1,249	2,728	5,254	922	1,149	12,838	2,148	2,491	1,110	2,491	29	1,417	9,886						
COLORADO	674	551	460	1,229	120	3,338	5,872	310	192	382	316	144	283	1,629						
CONNECTICUT	121	165	135	245	183	438	1,347	634	473	281	272	286	226	1,174						
DELAWARE		49	32	85	28	201	393	91	-	104	57	61	34	347						
FLORIDA	720	1,149	903	634	660	1,848	5,914	70	28	82	23	361	13	237						
GEORGIA	607	912	1,642	2,971	839	4,622	11,321	546	113	1,190	548	399	593	4,625						
HAWAII	6	11	185	154	31	132	321	82	102	92	31	20	63	396						
IDAHO	350	265	165	700	196	1,628	3,305	88	1	75	69	52	130	415						
ILLINOIS	1,004	1,777	2,373	3,774	758	12,530	20,616	1,020	105	843	1,001	607	656	4,292						
INDIANA	1,039	1,417	2,821	7,323	2,187	14,458	856	14,458	242	512	432	630	3,185	17,643						
IOWA	430	1,011	1,342	3,240	4,149	13,954	24,126	285	-	426	323	172	286	1,492						
KANSAS	611	1,399	1,401	6,371	2,114	12,059	23,955	386	173	394	207	145	332	1,638						
KENTUCKY	425	790	548	4,612	2,885	11,697	333	333	62	119	201	129	71	992						
LOUISIANA	896	1,487	764	2,447	1,173	5,485	11,191	460	15	238	93	8	699	1,513						
MAINE	143	143	190	495	235	938	2,181	71	17	83	81	68	45	365						
MARYLAND	186	227	274	401	262	888	2,258	472	236	313	289	218	262	1,790						
MASSACHUSETTS	269	166	176	364	44	850	1,869	855	364	700	428	579	270	3,166						
MICHIGAN	410	450	681	2,255	502	3,104	7,402	727	240	637	587	564	440	3,195						
MINNESOTA	289	624	648	2,884	1,417	6,884	11,100	399	161	249	140	322	318	1,924						
MISSISSIPPI	585	986	1,274	7,849	949	5,332	16,155	198	22	223	140	78	423	1,884						
MISSOURI	591	604	1,320	4,299	754	12,689	20,436	628	45	416	38	806	897	2,929						
MONTANA	71	61	56	1,256	171	1,254	3,549	108	-	182	149	61	82	601						
NEBRASKA	231	723	1,266	2,339	1,243	9,253	15,061	133	39	182	29	22	42	1,102						
NEVADA	306	143	42	190	210	1,016	755	123	32	74	69	53	66	443						
NEW HAMPSHIRE	281	152	190	290	210	880	2,119	102	56	74	702	585	989	3,674						
NEW JERSEY	209	342	94	496	226	1,850	2,217	742	503	763	43	62	106	566						
NEW MEXICO	641	649	248	520	302	492	2,652	200	20	135	20	82	106	566						
NEW YORK	684	809	1,171	1,589	1,921	5,235	11,989	1,212	820	1,118	1,155	667	956	5,928						
NORTH CAROLINA	481	774	426	2,288	1,854	7,441	15,284	355	307	686	525	175	849	2,897						
NORTH DAKOTA	243	171	455	2,813	437	2,613	4,932	68	4	39	33	17	24	185						
OHIO	980	1,089	1,243	4,327	3,630	11,948	23,217	1,268	693	854	993	1,079	1,114	6,001						
OKLAHOMA	685	1,008	1,451	6,908	201	10,193	20,446	517	356	299	335	299	594	2,400						
OREGON	389	520	740	1,862	1,862	5,740	7,740	272	199	110	110	241	53	1,055						
PENNSYLVANIA	1,145	1,052	2,173	2,934	2,159	7,763	17,119	862	543	1,567	1,016	611	1,182	5,781						
RHODE ISLAND		13	13	26	24	44	143	127	8	193	114	61	50	553						
SOUTH CAROLINA	438	473	820	1,864	891	3,411	7,895	167	49	242	266	112	170	1,006						
SOUTH DAKOTA	389	370	573	1,190	168	3,707	6,387	66	3	496	38	28	44	6,538						
TENNESSEE	818	1,535	807	3,488	1,811	6,925	15,485	566	1	496	162	490	1,496	3,203						
TEXAS	3,279	4,217	2,631	8,225	3,193	10,584	32,089	2,624	1,775	2,046	1,739	519	1,508	10,011						
UTAH	417	156	203	293	121	673	1,853	327	6	94	70	43	234	774						
VERMONT	275	56	509	1,160	16	1,990	2,909	111	11	24	32	38	20	162						
VIRGINIA	516	647	509	2,379	525	456	5,780	598	188	567	562	228	410	2,515						
WASHINGTON	345	551	490	1,184	807	1,707	5,144	532	8	603	247	151	153	1,694						
WEST VIRGINIA	407	165	461	1,657	472	2,591	5,753	227	86	93	106	88	71	671						
WISCONSIN	585	882	1,081	2,031	729	5,332	10,650	424	388	525	458	151	430	2,386						
WYOMING	858	181	290	394	58	794	2,525	53	-	45	50	35	28	251						
TOTAL	28,978	32,097	40,877	103,714	48,610	208,390	462,666	24,332	11,769	21,318	18,465	11,691	20,512	108,287						
PERCENT - TOTAL	5.1	5.6	7.1	18.1	8.5	36.0	80.4	4.1	2.1	3.7	3.2	2.1	3.6	18.8						
														0.8						

1/ DATA CONTAINS POSSIBLE ERRORS IN THE FUNCTIONAL SYSTEM CODE BASED ON REVIEW OF OTHER INCLUDED INFORMATION.

2/ FUNCTIONAL SYSTEM CODES NOT REPORTED OR UNUSABLE.

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1990

IN RURAL AREAS

BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-67
SHEET 1 OF 3
SEPTEMBER 1991

STATE	PAVED SURFACE BY VOLUME GROUP					GRAVEL/SOIL SURFACE BY VOLUME GROUP					UNIMPROVED SURFACE BY VOLUME GROUP					TOTAL	
	LESS THAN 50	50-199	200-499	500 AND OVER	TOTAL	LESS THAN 50	50-199	200-499	500 AND OVER	TOTAL	LESS THAN 50	50-199	200-499	500 AND OVER	TOTAL		
ALABAMA	1,248	8,412	11,532	3,769	24,961	6,559	15,930	937	-	23,426	342	7	-	-	349	48,736	
ALASKA	49	37	143	7	236	3,475	280	1,702	236	5,693	1,134	35	15	21	1,205	7,134	
ARIZONA	819	2,319	1,622	2,704	7,464	6,620	2,758	156	13	9,547	8,665	-	-	-	8,665	25,876	
ARKANSAS	1,417	2,929	1,213	586	6,145	21,449	9,370	453	58	31,330	7,218	209	7	2	7,436	44,911	
CALIFORNIA	7,019	14,318	5,615	1,123	28,075	7,233	2,479	413	206	10,331	15,743	1,224	349	174	17,490	55,896	
COLORADO	2,400	1,062	72	6	3,540	16,001	10,496	88	25	26,610	12,000	250	-	-	12,250	42,400	
CONNECTICUT	702	1,782	1,566	1,349	5,399	191	249	187	156	783	-	-	-	-	783	6,182	
DELAWARE	75	758	880	890	2,553	167	8	-	-	175	3	-	-	-	3	2,731	
DIST. OF COL. FLORIDA 1/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA	673	14,889	17,975	5,660	39,197	241	944	76	31	1,292	218	2,324	27	15	2,584	43,073	
HAWAII	49	132	21,485	2,512	24,178	15	9,454	356	77	9,902	32	702	181	126	23,041	57,121	
IDAHO	25	145	714	489	1,373	48	149	20	-	217	21	-	-	-	21	1,611	
ILLINOIS	398	6,536	281	28	7,243	11,163	5,390	1	5	16,559	18,353	5,955	1	-	24,309	48,111	
INDIANA	3,110	22,050	8,562	4,168	37,890	16,934	19,130	824	152	39,040	-	-	-	-	39,040	76,930	
IOWA	2,631	8,541	5,815	2,078	19,065	14,235	6,592	876	197	21,900	5,860	1,639	285	135	7,919	48,884	
KANSAS	450	1,044	3,208	677	5,379	39,542	14,545	719	23	54,829	4,781	97	15	-	4,893	65,101	
KENTUCKY	871	2,156	1,330	683	5,040	42,327	12,334	619	151	55,431	22,444	1,080	2	-	23,526	83,997	
LOUISIANA	4,580	14,253	6,833	2,068	27,744	8,125	4,338	652	20	13,135	564	60	13	-	637	41,516	
MAINE	3,862	6,707	3,798	1,772	16,239	7,564	5,799	596	111	14,070	801	226	19	3	1,049	31,358	
MARYLAND	1,299	2,655	2,447	1,414	7,815	2,703	1,437	253	20	4,413	-	-	-	-	1,049	12,226	
MASSACHUSETTS	1,138	4,660	2,268	1,470	9,556	341	691	73	151	1,256	36	-	-	-	36	10,848	
MICHIGAN	-	1,954	3,263	-	5,217	-	1,532	1,163	-	2,695	-	117	62	-	179	8,091	
MINNESOTA	1,737	8,008	4,031	1,903	15,679	21,095	19,912	1,999	365	43,371	-	-	-	-	59,050	77,339	
MISSISSIPPI	458	2,475	2,092	957	5,982	36,164	26,863	3,960	544	67,531	2,709	1,075	36	6	3,826	77,339	
MISSOURI	46	17,336	275	2,301	19,958	145	23,788	65	322	24,320	-	-	-	-	-	44,278	
MONTANA	20	1,139	5,900	1,902	8,961	41,577	16,733	6,912	-	65,222	387	77	-	-	464	74,647	
NEBRASKA	970	1,200	500	700	3,370	26,988	4,600	700	150	32,438	10,818	-	-	-	10,818	46,626	
NEVADA	619	861	1,050	753	3,273	32,284	13,776	947	331	47,338	8,752	20	2	-	8,774	59,385	
NEW HAMPSHIRE	348	1,249	610	165	2,372	32,566	433	-	-	32,999	-	-	-	-	-	35,371	
NEW JERSEY	940	2,438	1,671	295	5,344	2,554	863	14	-	3,431	-	-	-	-	-	8,775	
NEW MEXICO	1,724	2,447	1,984	1,085	7,240	174	267	35	-	466	5	-	-	-	5	7,711	
NORTH CAROLINA	3	960	517	-	1,480	365	15,176	5,637	-	21,178	261	10,205	4,965	-	15,431	38,089	
NORTH DAKOTA	11,394	7,860	5,049	7,624	31,927	6,364	5,510	3,540	-	15,414	1,624	-	-	-	1,624	48,965	
OHIO 1/	100	22,725	14,162	5,823	42,810	2,112	1,261	41	10	3,424	2,293	2,481	91	34	4,899	51,133	
OKLAHOMA 2/	103	467	822	40	1,432	45,860	829	179	-	46,868	11,866	10	-	-	11,876	60,176	
OREGON	6,387	17,501	10,626	5,237	39,751	6,220	6,660	2,576	1,155	16,811	605	308	96	44	1,053	57,415	
PENNSYLVANIA	2,716	6,027	3,000	1,475	13,218	30,583	10,217	496	102	41,398	14,161	577	4	1	14,743	69,359	
RHODE ISLAND	827	7,159	1,370	120	9,476	24,045	8,862	20	20	32,727	22,068	-	-	-	22,068	64,271	
SOUTH CAROLINA	8,248	18,971	10,453	5,532	43,204	4,141	6,270	3,213	1,446	17,070	646	1,277	479	212	2,614	62,888	
SOUTH DAKOTA	19	173	44	39	275	38	378	94	14	524	12	132	93	6	183	982	
TENNESSEE	1,022	13,720	3,945	2,252	20,939	254	255	5	1	515	576	14,390	91	25	15,082	36,536	
TEXAS	691	933	427	193	2,244	39,003	3,970	111	17	43,101	2,813	5	-	-	2,818	48,163	
UTAH	4,957	13,832	3,942	1,451	24,182	13,033	9,329	434	68	22,864	-	-	-	-	-	47,046	
VERMONT	5,085	11,560	11,343	1,511	29,499	35,586	17,306	6,120	160	59,172	44,793	8,353	1,756	41	54,943	143,814	
VIRGINIA	1,457	1,115	549	401	3,522	9,003	1,951	276	210	11,440	11,005	870	123	43	12,041	27,003	
WASHINGTON	-	477	1,176	238	1,891	3,503	2,892	394	-	6,789	35	-	-	-	35	8,715	
WEST VIRGINIA	1,079	12,294	6,493	2,363	22,229	4,228	6,414	268	250	11,160	92	384	7	130	613	34,002	
WISCONSIN	2,435	4,450	2,375	946	10,206	15,417	6,881	756	327	23,381	11,175	1,227	129	-	12,531	46,118	
WYOMING	1,139	3,213	2,034	956	7,342	5,694	3,742	610	81	10,127	2,745	102	20	-	2,867	20,336	
TOTAL	20,734	15,251	4,177	844	41,006	21,813	2,659	272	13	24,757	595	-	2	-	597	66,360	
PERCENT - TYPE	262	1,245	98	29	1,634	17,076	695	393	40	18,204	3,481	20	-	-	3,501	23,339	
TOTAL	108,385	314,445	201,337	80,588	704,765	684,818	344,187	50,231	7,238	1,086,474	251,932	77,438	8,810	1,018	339,198	2,130,427	
PERCENT - TOTAL	15.4	44.6	28.6	11.4	100.0	63.0	31.7	4.6	0.7	100.0	74.3	22.8	2.6	0.3	100.0	-	
PERCENT - TOTAL	5.1	14.7	9.5	3.8	33.1	32.0	16.2	2.4	0.4	51.0	11.8	3.6	0.4	0.1	15.9	100.0	

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1990
IN SMALL URBAN AREAS (5,000 - 49,999 POPULATION)
BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-67
SHEET 2 OF 3
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	PAVED SURFACE BY VOLUME GROUP					GRAVEL/SOIL SURFACE BY VOLUME GROUP					UNIMPROVED SURFACE BY VOLUME GROUP					TOTAL
	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	
ALABAMA	192	956	1,113	175	2,436	145	37	-	-	182	7	-	-	-	2,625	
ALASKA	11	77	60	5	153	31	35	-	-	115	-	-	-	-	268	
ARIZONA	269	311	406	638	1,624	237	99	-	-	336	134	-	-	-	2,094	
ARKANSAS	1,074	563	315	42	1,994	372	29	-	-	415	19	-	-	-	2,428	
CALIFORNIA	1,516	2,728	1,515	303	6,062	266	146	22	9	443	134	-	-	-	6,684	
COLORADO	150	310	350	90	900	38	50	26	15	129	3	-	-	-	1,044	
CONNECTICUT	82	66	17	2	247	2	-	-	-	1	-	-	-	-	252	
DELAWARE	-	4	153	2	159	1	-	-	-	-	-	-	-	-	160	
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA 1/	1,354	1,554	779	1,313	5,000	61	16	1	25	103	48	-	2	7	5,155	
GEORGIA	14	1,941	1,674	187	3,789	66	-	-	-	75	353	-	-	-	4,232	
HAWAII	-	176	69	59	318	5	-	-	-	1	-	-	-	-	319	
IOWA	318	401	77	84	797	55	-	-	-	65	12	-	-	-	874	
ILLINOIS	1,205	1,352	1,148	304	3,799	127	-	-	-	187	22	-	-	8	3,976	
INDIANA	614	837	993	72	2,568	155	78	92	13	339	8	-	-	-	3,354	
INDIA	368	856	773	-	2,069	144	80	38	1	263	-	-	-	-	2,342	
KANSAS	769	749	753	125	2,426	289	57	12	2	360	4	-	-	-	2,791	
KENTUCKY	313	594	578	46	1,934	64	-	-	-	54	1	-	-	-	1,989	
LOUISIANA	2,109	128	43	17	2,196	337	9	3	2	351	9	-	-	-	2,556	
LOUISIANA	191	166	137	17	531	16	4	-	-	21	-	-	-	-	552	
MARYLAND	250	337	173	38	798	-	11	6	-	17	1	-	-	-	816	
MASSACHUSETTS	32	395	485	-	1,152	9	83	56	-	148	-	-	-	-	1,315	
MICHIGAN	1,104	693	471	73	2,329	330	73	13	1	417	-	-	-	-	2,746	
MINNESOTA	51	79	1,662	50	1,822	67	23	516	2	608	-	-	-	5	2,435	
MISSISSIPPI	6	17	2,312	30	2,365	2	1	162	-	165	-	-	-	-	2,534	
MISSOURI	1,712	629	320	16	2,391	67	-	-	-	67	20	-	-	-	2,478	
MONTANA	50	210	256	25	645	123	49	-	-	143	3	-	-	-	791	
NEBRASKA	468	481	256	20	1,225	164	49	4	-	217	-	-	-	-	1,446	
NEVADA	-	6	294	-	300	11	17	-	-	28	-	-	-	-	328	
NEW HAMPSHIRE	157	237	73	19	486	16	2	-	-	59	-	-	-	-	504	
NEW JERSEY	179	132	155	50	516	45	14	-	-	59	8	-	-	-	583	
NEW MEXICO	648	435	333	2	1,479	224	283	43	-	550	23	-	10	-	2,115	
NEW YORK	684	1,048	751	-	2,483	16	63	-	-	79	25	-	-	-	2,587	
NORTH CAROLINA	1,164	816	957	296	4,233	57	42	-	-	59	29	-	-	-	4,322	
NORTH DAKOTA	1	29	387	-	417	80	45	31	15	106	18	-	-	-	541	
NORTH DAKOTA	-	761	903	953	3,207	89	67	85	3	331	15	-	-	-	3,555	
OKLAHOMA 2/	1,102	785	655	99	2,641	322	42	-	-	377	68	-	-	-	3,087	
OREGON	477	617	466	20	1,580	194	-	-	-	194	68	-	-	-	1,842	
PENNSYLVANIA	693	836	747	380	2,656	129	33	31	15	108	-	-	-	-	2,766	
RHODE ISLAND	122	41	54	30	247	11	4	-	-	23	-	-	-	-	273	
SOUTH CAROLINA	985	206	268	74	1,533	-	-	-	-	-	148	-	-	-	1,684	
SOUTH CAROLINA	26	130	153	116	423	75	51	11	2	93	2	-	-	-	519	
SOUTH DAKOTA	1,180	872	604	140	2,796	40	1,018	2,159	-	3,217	32	-	-	-	2,851	
TENNESSEE	1,139	2,139	7,031	12	9,221	40	-	-	-	-	32	-	-	-	13,608	
UTAH	56	142	314	83	595	10	26	35	3	74	2	-	-	-	678	
VERMONT	-	141	835	89	1,307	56	10	-	-	66	-	-	-	-	1,316	
VIRGINIA	162	218	659	43	1,307	51	8	-	-	62	7	-	-	-	1,437	
WASHINGTON	688	408	229	43	1,368	51	8	3	-	62	-	-	-	-	1,437	
WEST VIRGINIA	426	184	115	61	787	57	5	-	-	62	3	-	-	-	852	
WISCONSIN	957	1,030	198	42	2,227	81	64	2	-	147	-	-	-	-	2,374	
WYOMING	230	196	159	4	469	130	10	-	-	142	10	-	-	-	641	
TOTAL	26,586	28,277	32,282	6,277	93,422	4,938	2,685	3,420	193	11,136	1,230	546	811	21	107,166	
PERCENT - TYPE	28.5	30.3	34.5	6.7	100.0	43.6	24.1	30.7	1.7	100.0	47.2	20.9	31.1	0.8	100.0	
PERCENT -- TOTAL	24.9	26.4	30.0	5.9	87.2	4.5	2.5	3.2	0.2	10.4	1.2	0.5	0.7	0.0	100.0	

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1990

IN URBANIZED AREAS (50,000 OR MORE POPULATION)

BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-67
SHEET 3 OF 3
SEPTEMBER 1991

STATE	PAVED SURFACE BY VOLUME GROUP					GRAVEL/SOIL SURFACE BY VOLUME GROUP					UNIMPROVED SURFACE BY VOLUME GROUP					TOTAL
	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	
ALABAMA	1,800	2,450	4,045	984	9,279	96	132	123	-	351	5	-	-	-	5	9,635
ALASKA	137	120	230	16	503	92	118	166	-	376	-	-	-	-	-	879
ARIZONA	2,128	2,458	1,448	2,402	8,436	256	41	3	-	300	15	-	-	-	15	8,751
ARKANSAS	1,026	630	451	82	2,189	171	14	3	-	188	7	-	-	-	7	2,384
CALIFORNIA	8,206	18,460	10,255	4,102	41,023	758	416	63	25	1,262	530	177	-	-	707	42,992
COLORADO	231	3,610	2,070	460	6,371	50	106	100	22	278	20	21	-	-	41	6,690
CONNECTICUT	2,178	2,310	1,650	462	6,600	19	19	19	-	55	-	-	-	-	-	6,655
DELAWARE	2	9	673	263	937	9	-	26	-	35	1	-	-	-	1	973
DIST. OF COL.	-	65	587	7	659	-	-	-	-	-	-	-	-	-	-	659
FLORIDA 1/	8,095	3,707	5,395	14,885	32,082	131	140	107	283	661	144	42	6	139	331	33,074
GEORGIA	78	130	10,731	266	11,205	54	-	152	-	207	34	-	139	-	176	11,588
HAWAII	55	60	70	524	709	2	-	-	-	2	-	-	-	-	-	711
IDAHO	-	401	77	4	482	30	-	-	-	30	2	-	-	-	2	514
ILLINOIS	1,786	6,121	8,346	1,855	18,108	440	-	-	-	440	-	-	-	-	-	18,548
INDIANA	1,465	1,760	2,965	1,171	7,361	325	151	378	76	930	110	29	78	14	231	8,522
IOWA	400	713	1,506	116	2,735	159	76	50	1	286	21	8	4	-	33	3,054
KANSAS	1,456	925	722	259	3,362	236	70	11	-	317	-	-	-	-	-	3,679
KENTUCKY	570	707	905	695	2,877	49	-	-	-	49	-	-	-	-	-	2,926
LOUISIANA	5,895	11	11	9	5,726	501	6	1	-	508	9	-	-	-	9	6,243
MAINE	341	301	204	31	877	73	9	2	-	84	-	-	-	-	-	961
MARYLAND	3,086	3,219	1,095	540	7,940	7	44	-	37	88	1	-	-	-	1	8,029
MASSACHUSETTS	150	773	10,042	-	10,965	16	81	784	-	861	-	9	16	-	25	11,871
MICHIGAN	3,066	3,459	5,937	615	13,077	775	461	515	116	1,867	-	-	-	-	-	14,944
MINNESOTA	111	64	6,208	263	6,646	76	29	676	5	795	1	2	10	-	13	7,444
MISSISSIPPI	17	22	2,438	22	2,499	3	-	117	-	120	-	-	1	-	1	2,620
MISSOURI	4,436	2,756	458	52	7,702	63	-	-	-	63	27	-	-	-	27	7,792
MONTANA	55	200	401	70	726	70	29	-	-	99	-	-	-	-	-	825
NEBRASKA	746	768	410	29	1,953	86	26	2	-	114	56	19	-	-	75	2,142
NEVADA	-	30	1,133	-	1,163	531	26	8	-	565	-	-	-	-	-	1,728
NEW HAMPSHIRE	244	540	140	19	943	16	6	-	-	22	-	-	-	-	-	965
NEW JERSEY	1,881	3,763	7,149	2,258	15,051	101	56	-	-	157	9	-	-	-	9	15,217
NEW MEXICO	66	6	1,523	133	1,728	5	1	427	-	433	-	-	50	-	50	2,211
NEW YORK	4,504	8,992	5,127	4,350	22,973	146	129	-	-	275	162	-	-	-	162	23,410
NORTH CAROLINA	4,395	981	2,867	766	9,009	48	2	-	-	50	92	8	4	-	104	9,163
NORTH DAKOTA	3	54	458	-	515	21	24	15	-	60	4	-	-	-	4	579
OHIO 1/	2,489	3,307	4,634	6,027	16,457	210	139	337	500	1,186	17	5	14	7	43	17,686
OKLAHOMA 2/	1,992	1,248	941	271	4,452	187	39	6	-	232	65	-	-	-	65	4,749
OREGON	928	1,364	830	255	3,377	340	-	-	-	340	106	-	-	-	106	3,823
PENNSYLVANIA	4,011	5,261	5,260	1,265	15,797	41	59	53	19	180	-	-	4	2	6	15,953
RHODE ISLAND	1,311	446	540	437	2,734	119	41	107	29	296	20	6	5	2	35	3,065
SOUTH CAROLINA	3,636	295	298	153	4,381	7	-	-	-	7	373	1	-	1	375	4,763
SOUTH DAKOTA	-	-	-	520	520	-	10	-	17	29	-	-	-	-	-	649
TENNESSEE	2,801	1,827	2,035	1,317	7,980	59	20	2	-	81	-	-	-	-	-	8,061
TEXAS	2,440	3,395	43,055	345	49,235	199	599	6,043	2	6,843	21	49	836	-	906	56,984
UTAH	34	338	2,872	261	3,505	11	22	36	1	70	1	4	5	-	10	3,585
VERMONT	-	48	189	60	297	-	20	-	-	20	-	-	-	-	-	317
VIRGINIA	1,911	2,392	3,306	1,751	9,360	30	3	4	2	39	1	-	1	-	2	9,401
WASHINGTON	2,505	3,513	2,316	676	9,010	264	211	101	-	576	26	34	-	-	60	9,646
WEST VIRGINIA	524	196	247	117	1,084	27	3	-	-	30	2	-	-	-	2	1,116
WISCONSIN	2,592	3,353	990	182	7,117	104	124	5	2	236	-	-	-	-	-	7,352
WYOMING	301	70	42	4	417	133	16	-	-	149	5	-	-	-	5	571
TOTAL	86,883	97,628	65,282	51,441	400,234	7,147	3,512	10,436	136	22,231	1,887	416	1,173	168	3,644	426,109
PERCENT - TYPE	21.5	24.4	41.2	12.9	100.0	32.1	15.8	47.0	5.1	100.0	51.8	11.4	32.2	4.6	100.0	-
PERCENT - TOTAL	20.2	23.0	38.6	12.1	93.9	1.7	0.8	2.4	0.3	5.2	0.5	0.1	0.3	0.0	0.9	100.0

1/ DATA BY SURFACE TYPE AND VOLUME GROUP HAVE BEEN ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION.

2/ DATA BY VOLUME GROUP HAVE BEEN ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION.

MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1990¹

FOR URBANIZED AREAS WITH A POPULATION OF 200,000 OR MORE

TABLE HM-71
SHEET 1 OF 2
SEPTEMBER 1991

DATA AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

FEDERAL-AID URBANIZED AREA 2/	STATE LOCATION		MILEAGE							DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS)						
	PRIMARY	OTHER(S)	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL
NEW YORK-NORTHEASTERN NJ LOS ANGELES-LONG BEACH-POMONA-ONTARIO CHICAGO-NORTHWESTERN IN PHILADELPHIA DETROIT	NY CA IL PA MI	NJ IN NJ	426 349 370 155 207	617 246 62 142 74	2,019 2,952 1,302 1,004 860	4,022 2,730 1,855 1,152 1,433	3,419 2,509 1,729 7,399 1,261	24,775 16,287 13,991 7,399 8,750	35,276 25,073 19,309 10,815 12,605	40,844 42,074 40,246 2,983 20,813	52,054 83,989 32,046 21,387 23,873	40,346 32,463 24,876 11,487 15,834	14,198 10,452 13,836 5,612 5,684	35,494 13,424 14,681 8,948 6,287	225,010 250,673 123,471 65,759 78,223	
SAN FRANCISCO-OAKLAND WASHINGTON DALLAS-FORT WORTH BOSTON HOUSTON	CA DC TX MA TX	MD, VA	194 163 273 145 140	143 125 164 112 175	521 559 551 787 451	1,083 842 1,148 986 990	947 801 2,124 1,244 923	6,120 6,066 14,686 6,039 14,322	9,008 8,556 18,946 9,323 17,001	24,739 20,222 23,298 15,245 16,823	15,858 5,311 10,416 6,362 8,829	13,993 17,860 10,416 12,541 12,642	13,202 11,472 9,699 6,536 12,642	4,117 4,566 6,659 3,537 4,479	5,041 4,892 17,614 7,055 16,408	76,950 64,323 80,200 51,338 71,613
SAN DIEGO MINNEAPOLIS-ST. PAUL BALTIMORE ST. LOUIS PHOENIX	CA MN MD MO AZ	 IL	139 186 127 214 59	91 108 110 52 39	243 132 406 529 791	764 916 512 879 536	569 1,181 583 799 970	3,892 6,425 4,210 4,891 7,061	5,698 8,951 5,948 7,164 9,396	20,679 12,540 11,657 16,388 5,477	7,009 5,250 4,140 2,027 2,378	6,844 10,669 9,849 11,178 17,538	10,669 5,702 2,576 3,123 4,744	3,175 5,702 2,413 3,123 2,281	3,230 4,732 2,413 4,887 7,235	51,606 43,185 36,374 45,286 39,654
ATLANTA MIAMI CLEVELAND SEATTLE-EVERETT PITTSBURGH	GA FL OH WA PA	 	221 28 180 107 137	47 83 46 63 67	427 173 367 442 571	799 355 537 551 889	673 421 824 740 939	7,524 4,542 3,582 4,569 4,962	9,691 5,602 5,536 6,472 7,565	21,642 2,991 12,065 13,006 5,404	2,619 7,001 1,631 3,111 1,792	10,335 6,838 5,893 9,128 10,911	6,838 4,778 7,426 6,865	3,079 2,229 3,678 3,512	5,813 5,693 4,491 3,982	33,526 32,289 40,840 32,466
DENVER SAN JOSE KANSAS CITY MILWAUKEE FORT LAUDERDALE-HOLLYWOOD	CO CA MO WI FL	KS	92 41 127 75 52	85 124 35 139 51	478 218 283 283 181	444 435 720 806 221	527 328 371 405 369	4,304 2,568 4,514 3,188 4,208	5,990 3,714 6,207 4,788 4,638	7,716 5,726 9,464 5,959 4,638	3,552 10,055 3,091 1,729 1,444	9,159 6,731 4,812 4,388 6,414	2,791 6,315 6,083 7,722 1,850	1,490 1,480 1,630 2,180 2,654	2,442 2,138 2,388 2,691 5,000	27,150 32,445 27,458 28,659 24,299
PORTLAND SAN BERNARDINO-RIVERSIDE SAN ANTONIO CINCINNATI SACRAMENTO	OR CA TX OH CA	WA KY	85 70 127 139 50	43 51 35 21 47	190 239 351 242 256	444 478 263 301 246	579 439 475 514 326	4,304 2,473 5,479 2,570 2,590	5,990 3,750 6,730 3,787 3,495	7,716 7,269 7,726 10,808 4,666	3,552 5,309 1,553 548 4,600	9,159 4,153 5,142 3,671 6,993	2,791 4,541 2,054 2,076 1,755	1,490 1,768 2,011 2,076 1,755	2,442 2,009 6,831 3,723 1,929	22,416 25,049 25,317 23,612 23,619
NEW ORLEANS BUFFALO ST. PETERSBURG NORFOLK-PORTSMOUTH MEMPHIS	LA NY FL VA TN	AR, MS	39 72 32 49 72	22 76 11 47 -	149 282 120 183 168	319 394 143 381 237	201 330 447 336 215	2,252 3,585 3,480 2,484 2,415	2,982 3,281 4,241 3,480 3,107	2,764 3,281 1,422 3,659 4,343	1,014 1,844 78 2,047 -	3,621 4,912 4,397 4,255 4,236	3,889 3,648 9,315 4,440 3,758	1,035 1,470 3,547 1,196 1,635	4,500 1,848 5,233 4,476 2,159	16,723 17,003 17,982 20,273 16,131
PROVIDENCE-PAWTUCKET-WARWICK INDIANAPOLIS ORLANDO COLUMBUS SALT LAKE CITY	RI IN FL OH UT	MA	71 125 30 111 80	44 17 40 29 11	358 225 113 179 98	309 471 238 290 216	519 412 249 348 217	3,035 2,557 3,005 2,239 2,218	4,336 3,807 3,005 3,196 2,840	4,051 8,476 2,921 7,443 4,954	1,084 479 942 1,686 379	5,034 3,693 4,023 3,059 2,035	3,047 3,660 4,023 1,375 3,431	1,532 1,290 1,899 1,129 1,841	2,630 3,476 3,501 2,815 2,529	17,358 21,074 17,730 17,516 15,169
LOUISVILLE JACKSONVILLE WEST PALM BEACH TAMPA BIRMINGHAM	KY FL FL FL AL	IN	111 78 39 46 112	18 19 20 14 3	146 159 115 110 107	317 190 159 96 360	304 324 159 330 344	1,790 2,886 2,894 2,089 2,645 3,329	2,686 3,665 2,582 3,458 4,255	5,908 4,761 4,834 3,458 5,699	286 1,844 78 2,047 -	2,944 4,003 2,870 3,461 2,773	3,681 3,084 2,326 2,557 2,738	1,614 980 1,114 1,931 1,205	3,241 4,340 3,132 3,967 4,489	17,674 17,785 14,741 15,729 17,071
HONOLULU NASHVILLE-DAVIDSON ROCHESTER DAYTON HARTFORD	HI TN NY OH CT	 	34 96 53 64 62	31 - 41 16 39	51 237 37 153 232	63 113 376 178 393	110 157 191 360 393	585 2,171 1,713 1,861 1,457	874 2,774 2,411 2,632 2,395	3,801 6,063 2,667 3,658 4,907	1,424 - 1,688 563 1,318	1,571 5,440 702 2,895 3,673	1,124 1,180 5,045 1,708 1,611	894 1,398 1,317 1,490	2,154 1,975 1,370 2,355 899	10,968 15,607 12,610 12,296 13,698
RICHMOND SPRINGFIELD-CHICOPEE-HOLYOKE AUSTIN OMAHA EL PASO	VA MA TX NE TX	CT IA	62 68 22 42 27	31 12 49 5 21	125 247 78 150 169	211 287 118 219 135	223 249 138 188 95	1,689 1,659 2,155 1,708 2,207	2,341 2,522 2,571 2,312 2,654	3,641 3,091 2,338 1,865 2,105	1,131 305 2,555 174 708	2,956 3,140 1,806 3,122 2,588	2,956 804 887 841 449	1,120 2,436 2,933 1,023 2,593	14,081 10,919 11,995 9,059 9,456	
AKRON TACOMA ALBANY-SHENECTADY-TROY OXNARD-VENTURA-THOUSAND OAKS FRESNO	OH WA NY CA CA	 	60 23 84 - -	27 32 20 56 29	76 192 183 130 144	211 293 234 144 168	319 222 273 122 135	1,932 1,477 1,760 1,033 1,320	2,627 2,239 2,554 1,515 1,796	3,204 2,673 3,610 - -	943 1,588 552 5,117 1,582	1,160 3,129 3,121 1,171 3,184	1,734 2,438 1,967 1,171 1,614	1,064 668 967 858 506	2,725 1,295 1,246 858 1,091	10,830 11,771 11,463 10,646 7,977
CHARLOTTE OKLAHOMA CITY WILMINGTON ALBUQUERQUE TOLEDO BRIDGEPORT	NC OK DE WA OH CT	MD, NJ MI	32 99 47 41 61 19	4 3 6 3 40	145 218 126 193 113 54	184 618 134 136 205 180	115 389 157 151 210 237	1,601 2,435 1,206 1,308 1,397 1,170	2,081 3,694 1,676 1,832 1,989 1,700	2,990 5,635 2,748 2,335 2,714 2,052	118 1,300 135 97 95 792	3,083 3,681 3,093 4,393 1,895 1,682	1,682 3,687 1,358 1,486 1,414 1,627	423 1,079 823 902 724 483	2,450 18,550 3,720 10,243 9,442 7,854	

MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1990¹

FOR URBANIZED AREAS WITH A POPULATION OF 200,000 OR MORE

DATA AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-71
SHEET 2 OF 2
SEPTEMBER 1991

FEDERAL-AID URBANIZED AREA 2/	STATE LOCATION		MILEAGE							DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS)						
	PRI- MARY	OTHER(S)	INTERSTATE	OTHER FREWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL
SCRANTON-WILKES-BARRE TUCSON	PA AZ		33 23	22 -	154 191	163 159	126 157	949 1,494	1,447 2,024	1,233 1,277	287 -	2,237 2,938	1,020 1,827	458 962	788 1,519	6,023 8,523
ALLENTOWN-BETHLEHEM-EASTON GRAND RAPIDS SARASOTA-BRADENTON	PA MI FL	NJ	22 41 10	29 16 -	149 127 76	120 274 104	140 133 283	1,104 1,028 1,880	1,564 1,619 2,353	490 1,634 287	1,359 1,000 -	2,523 2,465 1,960	922 2,163 1,706	630 463 1,296	1,007 694 2,821	6,931 8,419 8,070
NEW HAVEN NEWPORT NEWS-HAMPION CHARLESTON YOUNGSTOWN-WARREN LAS VEGAS	CT VA SC OH NV		34 39 22 38 22	27 8 6 36 26	97 128 105 96 102	131 164 178 175 169	239 102 163 232 187	995 1,414 1,355 1,249 1,289	1,523 2,398 1,677 1,826 1,795	2,785 2,398 1,677 1,174 1,644	978 175 225 752 1,651	1,542 2,219 2,910 1,441 3,087	1,137 1,824 1,257 1,121 2,659	776 529 1,009 485 1,188	1,214 2,367 321 1,875 965	8,432 9,512 7,399 6,848 11,194
FLINT TULSA SYRACUSE WORCESTER BATON ROUGE	MI OK NY MA LA		56 40 54 58 34	3 55 27 23 -	91 125 74 175 137	253 420 191 222 185	164 138 111 974 115	1,039 1,785 1,132 974 1,175	1,606 2,564 2,090 2,024 1,646	2,415 2,090 1,552 2,864 2,158	119 2,373 1,252 552 -	1,705 2,030 1,901 2,279 2,236	2,617 4,424 1,901 771 1,672	868 411 501 273 351	719 2,090 760 684 2,350	8,442 13,418 6,990 7,437 8,767
COLUMBIA CHATTAHOOCHEE KNOXVILLE BAKERSFIELD MOBILE	SC TN TN CA AL	GA	47 26 44 -	9 - - 33 -	80 108 113 113 69	151 186 83 86 126	195 253 107 86 165	1,184 1,389 1,083 743 1,300	1,666 1,962 1,430 1,106 1,690	2,411 1,444 2,783 -	245 -	1,653 2,251 2,650 1,849 1,303	1,862 1,730 955 1,021 1,364	633 800 498 392 812	376 1,223 986 577 1,634	7,180 7,448 7,872 5,235 6,795
MICHITA MELBOURNE-COCOA LITTLE ROCK-NORTH LITTLE ROCK AUGUSTA COLORADO SPRINGS	KS FL AR GA CO	SC	45 17 51 23 31	24 8 18 8 28	81 134 82 114 108	235 76 158 152 180	78 169 158 109 167	1,088 1,359 1,151 1,092 1,025	1,551 1,757 1,668 1,498 1,529	1,076 2,37 1,467 836 1,300	615 106 708 2,200 691	1,392 3,091 1,122 2,100 1,621	2,033 939 1,439 1,395 1,053	264 749 392 468 361	930 2,039 479 1,232 582	6,310 7,161 7,019 6,241 5,608
RALEIGH JACKSON SPOKANE HARRISBURG DAVENPORT-ROCK ISLAND-MOLINE	NC MS WA PA IL	IA	14 59 22 36 36	27 - 7 22 4	84 147 209 113 150	162 137 167 123 173	90 126 108 180 194	924 1,107 1,119 876 909	1,301 1,576 1,632 1,350 1,466	747 1,987 941 1,667 934	1,364 -	2,019 1,960 2,582 2,082 1,819	2,083 861 799 2,082 1,142	229 477 233 661 539	1,778 1,049 571 715 572	8,210 6,334 5,171 6,919 5,045
DES MOINES CORPUS CHRISTI LANSING PENSACOLA SHREVEPORT	IA TX MI FL LA		36 17 31 18 38	- 17 7 3 1	130 87 69 65 101	195 146 91 121 119	134 116 93 110 124	887 1,492 684 1,225 850	1,382 1,875 1,005 1,512 1,233	1,557 572 1,142 550 1,092	- 986 228 23	1,778 1,518 1,612 1,430 1,449	1,088 1,083 1,113 1,297 1,126	336 366 363 690 479	547 2,025 251 1,838 1,710	5,306 6,550 4,709 5,828 6,867
TRENTON PEORIA STOCKTON LOWELL LAWRENCE-HAVERHILL	NJ IL CA MA MA	PA NH	29 29 15 15 35	13 6 8 22 4	106 93 52 61 85	182 190 46 117 129	90 126 95 155 170	803 848 671 637 671	1,223 1,232 887 1,007 1,094	1,528 1,232 997 1,268 2,771	412 88 377 1,367 160	1,820 1,565 1,271 772 1,113	1,515 1,156 633 841 1,039	365 408 515 484 495	1,704 1,571 561 1,036 661	7,344 4,486 4,230 5,767 6,239
MODESTO FAYETTEVILLE GREENVILLE MADISON CANTON	CA NC SC MI OH		- - 28 7 12	15 14 2 21 22	45 59 77 50 68	42 128 107 80 114	50 62 192 106 153	570 890 1,095 609 1,040	722 1,153 1,501 233 1,409	- 292 1,060 233 636	1,022 -	1,067 1,109 1,725 897 821	589 1,235 1,305 911 818	277 244 722 360 394	461 1,254 194 959 1,067	3,416 4,134 5,049 4,463 4,192
ODGEN DRAYTON BEACH HUNTSVILLE FORT WAYNE MONTGOMERY	UT FL AL IN AL		26 15 6 11 15	- - 7 2 11	45 88 42 62 59	75 39 80 154 120	106 134 137 92 124	761 869 789 755 784	1,013 1,145 1,061 1,076 1,093	992 446 120 459 732	- -	854 2,043 1,291 1,375 1,195	913 629 787 1,374 1,022	383 548 884 401 270	722 1,304 877 724 885	3,864 4,970 4,386 4,381 4,413
SOUTH BEND FORT MYERS SAVANNAH ANCHORAGE LORAIN-ELYRIA	IN FL GA AK OH	MI	10 9 33 42 33	14 2 1 - 22	36 90 78 68 85	86 68 121 29 120	100 184 68 78 194	948 1,093 746 873 497	1,285 1,364 1,047 1,096 951	198 255 1,032 1,046 1,071	206 16 30 -	1,162 789 1,507 1,313 1,013	798 1,288 1,120 254 638	268 755 554 210 371	515 1,840 1,141 697 594	3,147 4,743 5,184 6,530 4,114
LEXINGTON-FAYETTE COLUMBUS MCALLEN-PHARR-EDINBURG PROVO-DREH ROCKFORD	KY GA TX UT IL	AL	14 12 - 18 12	14 27 25 - 9	36 51 83 45 76	86 118 64 49 116	66 83 85 63 88	334 848 963 606 777	550 1,149 1,200 781 1,078	607 400 - 887 263	675 456 828 868 149	1,023 900 966 393 1,305	1,163 966 403 295 1,088	370 378 403 295 350	310 1,298 3,462 599 489	4,148 4,398 3,462 3,042 3,644
UTICA-ROSE SANTA ROSA BILOXI-OSLIPPORT	NY CA MS		26 - 14	34 22 -	79 27 63	97 89 87	131 61 137	637 435 813	984 634 1,114	451 -	490 1,488 -	945 598 1,207	790 808 472	422 252 407	378 360 760	3,476 3,536 3,205

1/ DATA REPORTED BY EACH STATE VIA THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) ARE AREA-WIDE DATA.

2/ A FEDERAL-AID "URBANIZED AREA" IS AN AREA WITH 50,000 OR MORE PERSONS, THAT AT A MINIMUM, ENCOMPASSES THE LAND AREA DELINEATED BY THE BUREAU OF THE CENSUS.

Roadway Extent, Characteristics, and Performance

SELECTED CHARACTERISTICS - 1990¹

OF URBANIZED AREAS WITH A POPULATION OF 200,000 OR MORE

TABLE HM-72
SHEET 1 OF 2
SEPTEMBER 1991DATA AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

FEDERAL-AID URBANIZED AREA 2/	STATE LOCATION		TOTAL ROADWAY MILEAGE	TOTAL DVMT 3/ (1,000)	ESTIMATED POPULATION (1,000)	NET LAND AREA (SQ.MILES)	PERSONS PER SQUARE MILE	MILES OF ROADWAY PER 1,000 PERSONS	DVMT 3/ PER CAPITA	TOTAL MILES OF FREEWAYS	TOTAL FREEWAY DVMT 3/	% OF TOTAL MILEAGE SERVING AS FREEWAYS	% OF TOTAL DVMT 3/ SERVED BY FREEWAYS	ANNUAL AVERAGE DAILY TRAFFIC ON FREEWAYS	TOTAL ESTIMATED FREEWAY LANE MILEAGE 4/	AVERAGE DAILY TRAFFIC PER FREEWAY LANE
	PRI- MARY	OTHER(S)														
NEW YORK-NORTHEASTERN NJ	NY	NJ	35,276	225,010	15,780	3,186	4,952	2.2	14.2	1,043	82,918	2.9	36.8	79,499	5,747	14,428
LOS ANGELES-LONG BEACH-POMONA-ONTARIO	CA	IL	25,073	250,673	11,428	2,100	5,441	2.1	21.9	595	110,345	2.3	44.0	185,453	4,722	23,368
CHICAGO-NORTHWESTERN IN	CA	IN	19,309	123,471	7,303	1,958	3,729	2.6	16.9	432	38,032	2.2	30.8	86,037	2,419	16,722
PHILADELPHIA	IL	NJ	10,815	65,759	4,216	1,240	3,400	2.5	15.5	297	18,325	2.7	27.8	61,700	1,453	12,611
DETROIT	MI		12,605	78,223	3,905	1,243	3,141	3.2	20.0	281	26,645	2.2	34.0	94,822	1,772	15,036
SAN FRANCISCO-OAKLAND	CA		9,008	76,950	3,676	816	4,504	2.4	20.9	397	40,697	3.7	52.7	120,465	2,143	18,944
WASHINGTON	DC	MD, VA	8,556	64,323	3,240	926	3,498	2.6	19.8	288	25,533	3.3	39.6	88,656	1,669	15,298
DALLAS-FORT WORTH	TX		18,946	80,200	3,030	1,404	2,158	6.2	26.4	437	35,812	2.3	44.6	81,949	2,596	14,121
BOSTON	MA		9,323	51,338	2,803	1,033	2,713	3.3	18.3	257	21,607	2.7	42.0	84,073	1,471	14,688
HOUSTON	TX		17,001	71,613	2,798	1,549	1,806	6.0	25.5	315	29,255	1.8	40.8	92,873	1,945	15,041
SAN DIEGO	CA		5,698	51,606	2,294	680	3,373	2.4	22.4	230	27,688	4.0	53.6	120,382	1,655	16,729
MINNEAPOLIS-ST. PAUL	MN		6,951	43,195	2,055	996	2,063	4.3	21.0	294	17,790	3.2	41.1	60,510	1,452	12,252
BALTIMORE	MD		5,948	36,374	1,991	765	2,602	2.9	18.2	237	15,797	3.9	43.4	66,654	1,233	12,811
ST. LOUIS	MO	IL	7,164	45,288	1,950	694	2,809	3.6	23.2	266	18,415	3.7	40.6	69,729	1,551	11,872
PHOENIX	AZ		9,396	39,654	1,920	971	1,977	4.8	20.6	98	7,855	1.0	19.8	80,153	584	13,450
ATLANTA	GA		9,691	64,831	1,860	1,198	1,552	5.2	34.8	268	24,261	2.7	37.4	90,526	1,875	12,939
MIAMI	FL		5,602	33,526	1,800	442	4,072	3.1	18.6	111	9,992	1.9	29.8	90,018	656	15,231
CLEVELAND	OH		5,536	32,289	1,752	629	2,785	3.1	18.4	225	13,696	4.0	42.4	60,601	1,181	11,596
SEATTLE-EVERETT	WA		6,472	40,840	1,730	645	2,682	3.7	23.6	170	16,117	2.6	39.4	94,805	965	16,701
PITTSBURGH	PA		7,565	32,466	1,708	1,033	1,653	4.4	19.0	204	7,196	2.6	22.1	35,274	860	8,367
DENVER	CO		5,930	27,150	1,540	433	3,566	3.8	17.6	177	11,268	2.9	41.5	63,661	879	12,819
SAN JOSE	CA		3,714	32,445	1,410	326	4,325	2.6	23.0	165	15,781	4.4	48.6	35,642	1,000	15,781
KANSAS CITY	MO	KS	6,207	27,468	1,281	608	2,106	4.8	21.4	319	12,555	5.1	45.7	39,357	1,497	8,386
MILWAUKEE	WI		4,788	28,659	1,220	550	2,218	3.9	23.4	106	7,688	2.2	26.8	72,528	571	13,464
FORT LAUDERDALE-HOLLYWOOD	FL		4,208	24,299	1,200	368	3,260	3.5	20.2	103	6,082	2.4	25.0	59,048	588	10,343
PORTLAND	OR	WA	4,514	22,416	1,196	416	2,875	3.7	18.7	128	8,879	2.8	39.6	69,367	625	14,206
SAN BERNARDINO-RIVERSIDE	CA		3,750	25,049	1,169	480	2,435	3.2	21.4	121	12,578	3.2	50.2	103,950	738	17,043
SAN ANTONIO	TX		6,730	25,317	1,155	442	2,635	5.7	21.7	162	9,279	2.4	36.6	57,277	833	11,139
CINCINNATI	OH	KY	3,787	23,612	1,136	564	2,014	3.3	20.7	160	11,356	4.2	48.0	70,975	877	12,948
SACRAMENTO	CA		3,495	23,619	1,096	340	3,223	3.1	21.5	97	9,266	2.7	39.2	95,525	641	14,456
NEW ORLEANS	LA		2,982	16,723	1,080	361	2,991	2.7	15.4	61	3,778	2.0	22.5	61,934	330	11,448
BUFFALO	NY		3,585	17,003	1,064	405	2,627	3.3	15.9	149	5,125	4.1	30.1	34,628	644	7,958
ST. PETERSBURG	FL		4,241	17,982	1,020	554	1,841	4.1	17.6	43	1,500	1.0	8.3	34,883	185	8,100
NORFOLK-PORTSMOUTH	VA		3,480	20,273	927	809	1,145	3.7	21.8	96	5,906	2.7	29.1	61,520	478	12,355
MEMPHIS	TN	AR, MS	3,107	16,131	917	400	2,292	3.3	17.5	72	4,343	2.3	26.9	60,319	371	11,706
PROVIDENCE-PANTUCKET-WARWICK	RJ	MA	4,336	17,358	880	536	1,641	4.9	19.7	115	5,115	2.6	29.4	44,478	627	8,157
INDIANAPOLIS	IN		3,807	21,074	863	422	2,045	4.4	24.4	142	6,955	3.7	42.4	63,063	771	11,614
ORLANDO	FL		3,005	17,730	850	397	2,141	3.5	20.8	70	3,863	2.3	21.7	56,195	333	11,600
COLUMBUS	OH		3,196	17,516	834	305	2,734	3.8	21.0	140	9,138	4.3	52.1	65,271	762	11,992
SALT LAKE CITY	UT		2,840	15,169	800	360	2,222	3.5	18.9	91	5,333	3.2	35.1	58,604	517	10,315
LOUISVILLE	KY	IN	2,686	17,674	784	359	2,183	3.4	22.5	129	6,194	4.8	35.0	48,015	598	10,357
JACKSONVILLE	FL		3,665	17,795	760	538	1,417	4.8	23.4	98	5,378	2.6	30.2	54,877	419	12,835
WEST PALM BEACH	FL		2,692	14,741	740	317	2,334	3.5	19.9	58	5,299	2.2	35.9	91,362	306	17,316
TAMPA	FL		3,243	15,729	700	392	1,785	4.6	22.4	60	3,812	1.8	24.2	69,533	311	12,257
BIRMINGHAM	AL		4,255	17,071	683	518	1,318	6.2	24.9	115	5,886	2.7	34.4	51,182	630	9,342
HONOLULU	HI		874	10,966	651	135	4,822	1.3	16.8	65	5,225	7.4	47.6	80,384	368	14,198
NASHVILLE-DAVIDSON	TN		2,774	15,607	636	471	1,346	4.3	24.5	96	6,063	3.4	38.8	63,156	487	12,449
ROCHESTER	NY		2,411	12,610	617	311	1,983	3.8	20.4	84	4,355	3.8	34.5	46,329	456	9,550
DAYTON	OH		2,632	12,296	595	248	2,399	4.4	20.5	80	4,221	3.0	34.3	52,762	399	10,578
HARTFORD	CT		2,395	13,698	595	357	1,666	4.0	23.3	101	6,225	4.2	44.7	61,633	550	11,318
RICHMOND	VA		2,341	14,081	562	291	2,000	4.1	25.0	93	4,772	3.9	33.8	51,311	512	9,320
SPRINGFIELD-CHICOPEE-HOLYOKE	MA	CT	2,522	10,919	555	339	1,637	4.5	19.8	80	3,396	3.1	31.1	42,450	381	8,513
AUSTIN	TX		2,571	11,995	543	121	4,487	4.7	22.0	71	4,893	2.7	40.7	68,915	399	12,263
OMAHA	NE	IA	2,312	9,059	538	213	2,525	4.2	18.8	47	2,039	2.0	22.5	43,382	222	9,184
EL PASO	TX		2,654	9,456	536	185	2,897	4.9	17.6	48	2,813	1.8	29.7	58,504	258	10,903
AKRON	OH		2,627	10,830	516	216	2,388	5.0	20.9	87	4,147	3.3	38.2	47,666	412	10,065
TACOMA	WA		2,239	11,771	515	251	2,051	4.3	22.8	55	4,241	2.4	36.0	77,109	294	14,425
ALBANY-SCHENECTADY-TROY	NY		2,554	11,469	488	377	1,294	5.2	23.4	104	4,162	4.0	36.3	40,019	533	7,808
OXNARD-VENTURA-THOUSAND OAKS	CA		1,515	10,646	473	180	2,827	3.2	22.5	56	5,117	3.6	48.0	91,375	323	15,842
FRESNO	CA		1,796	7,977	470	190	3,615	3.8	16.9	29	1,582	1.6	19.8	54,551	154	10,272
CHARLOTTE	NC		2,081	10,146	446	236	1,873	4.6	22.7	36	2,508	1.7	24.7	69,666	178	14,089
OKLAHOMA CITY	OK		3,694	18,550	445	400	1,112	8.3	41.6	134	6,935	3.6	37.3	51,753	688	10,079
WILMINGTON	DE	MD, NJ	1,676	9,720	432	178	2,426	3.8	22.5	53	2,863	3.1	28.6	54,396	292	9,873
ALBUQUERQUE	NM		1,832	10,243	427	168	2,541	4.2	23.9	44	2,432	2.4	23.7	55,272	215	11,311
TOLEDO	OH	MI	1,989	9,442	427	194	2,201	4.6	22.1	64	2,809	3.2	29.7	43,890	291	9,652
BRIDGEPORT	CT		1,700	7,854	416	169	2,461	4.0	18.8	59	3,799	3.4	48.3	64,389	296	12,834

SELECTED CHARACTERISTICS - 1990

OF URBANIZED AREAS WITH A POPULATION OF 200,000 OR MORE

DATA AS OF DECEMBER 31, 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-72
SHEET 2 OF 2
SEPTEMBER 1991

FEDERAL-AID URBANIZED AREA 2/	STATE LOCATION		TOTAL ROADWAY MILEAGE	TOTAL DVMT 3/ (1,000)	ESTIMATED POPULATION (1,000)	NET LAND AREA (SQ-MILES)	PERSONS PER SQUARE MILE	MILES OF ROADWAY PER 1,000 PERSONS	DVMT 3/ PER CAPITA	TOTAL MILES OF FREEWAYS	TOTAL FREEWAY DVMT 3/ MILEAGE	% OF TOTAL MILEAGE SERVING AS FREEWAYS	% OF TOTAL DVMT 3/ SERVED BY FREEWAYS	ANNUAL AVERAGE DAILY TRAFFIC ON FREEWAYS	TOTAL ESTIMATED FREEWAY LANE MILEAGE 4/	AVERAGE DAILY TRAFFIC PER FREEWAY LANE
	PRI- MARY	OTHER(S)														
SCRANTON-WILKES-BARRE TUCSON ALLENTOWN-BETHLEHEM-EASTON GRAND RAPIDS SARASOTA-BRADENTON	PA AZ PA MI FL		1,447 2,024 1,564 1,619 2,353	6,023 8,523 6,931 8,419 8,070	411 410 408 402 400	223 120 144 215 341	1,843 3,416 2,819 1,869 1,173	3.5 4.9 3.8 4.0 5.8	14.6 20.7 17.0 20.9 20.1	55 23 51 57 10	1,520 1,277 2,576 2,534 267	3.8 1.1 3.2 3.5 0.4	25.2 14.9 26.6 31.2 3.3	27,636 55,521 67,928 36,254 46,210	219 102 225 244 53	6,940 12,519 8,217 10,795 5,037
NEW HAVEN NEWPORT NEWS-HAMPTON CHARLESTON YOUNGSTOWN-HARREN LAS VEGAS	CT VA SC OH NV		1,523 1,414 1,365 1,826 1,795	8,432 9,512 7,399 6,848 1,194	396 396 383 383 371	190 341 278 149 80	2,084 1,161 1,377 2,570 4,637	3.8 3.5 3.5 4.7 4.8	21.2 24.0 19.3 17.8 30.1	61 47 28 74 48	3,763 2,573 1,902 1,926 3,295	4.0 3.3 2.0 4.0 2.6	44.6 27.0 25.7 28.1 29.4	61,688 54,744 67,928 26,027 68,645	307 200 137 305 227	12,257 12,865 13,893 6,314 14,515
FLINT TULSA SYRACUSE WORCESTER BATON ROUGE	MI OK NY MA LA		1,606 2,564 1,679 1,643 1,646	8,442 3,418 6,990 7,437 8,767	370 367 362 357 352	213 205 167 259 205	1,737 1,790 2,167 1,378 1,717	4.3 6.9 4.3 4.6 4.6	22.8 36.5 19.3 20.8 24.9	59 95 81 84 31	2,533 4,463 2,576 3,450 2,158	3.6 3.7 5.1 4.8 2.0	30.0 33.2 36.8 46.3 24.6	42,932 46,978 31,802 42,592 53,470	310 455 380 381 172	8,170 9,808 6,778 9,055 12,546
COLUMBIA CHATTANOOGA KNOXVILLE BAKERSFIELD MOBILE	SC TN TN CA AL	GA	1,666 1,962 1,430 1,106 1,690	7,180 7,448 7,872 5,235 6,795	349 283 333 330 329	217 283 248 140 274	1,608 1,222 1,342 2,357 1,200	4.7 5.6 4.2 3.3 5.1	20.5 21.5 23.6 16.8 20.6	56 26 44 33 40	2,656 1,444 2,783 1,456 1,682	3.3 1.3 3.0 2.9 2.3	36.9 19.3 35.3 27.8 24.7	47,428 55,538 63,250 44,121 42,050	297 126 230 165 196	8,942 11,460 12,100 8,824 8,581
WICHITA MELBOURNE-COCOA LITTLE ROCK-NORTH LITTLE ROCK AUGUSTA COLORADO SPRINGS	KS FL AR GA CO		1,551 1,767 1,668 1,498 1,529	6,310 7,161 7,019 6,271 5,608	322 320 319 313 309	171 494 109 212 174	1,883 647 2,926 1,476 1,775	4.8 5.4 5.2 4.7 4.9	19.5 22.3 22.0 20.0 18.1	69 19 75 31 59	1,691 343 3,559 1,076 1,991	4.4 1.0 4.0 2.4 3.8	26.7 4.7 50.7 17.1 35.5	24,507 18,052 47,453 34,709 33,745	298 74 372 129 226	5,674 4,635 9,567 8,341 8,732
RALEIGH JACKSON SPokane HARRISBURG DAVENPORT-ROCK ISLAND-MOLINE	NC MS WA PA IL		1,301 1,576 1,832 1,350 1,486	8,210 6,334 5,171 6,919 5,045	302 300 297 296 280	139 212 150 164 183	2,172 1,415 1,980 1,804 1,530	4.3 5.2 5.4 4.5 5.3	27.1 21.1 17.4 23.3 18.0	41 59 29 58 60	2,101 1,587 996 2,398 973	3.1 3.7 1.7 4.2 4.0	25.6 31.3 19.2 34.6 19.2	51,243 33,677 34,344 41,344 16,216	185 189 248 243	11,356 7,359 7,720 9,669 4,004
DES MOINES CORPUS CHRISTI LANSING PENSACOLA SHREVEPORT	IA TX MI FL LA		1,382 1,875 1,005 1,512 1,233	5,306 6,550 4,709 5,828 5,867	277 271 140 132 174 265	122 140 132 174 181	2,270 1,935 2,045 1,551 1,464	4.9 6.9 3.7 5.6 4.6	19.1 24.1 17.4 21.5 22.1	36 34 36 21 38	1,557 1,558 1,370 573 1,104	2.6 1.8 3.7 1.3 3.1	29.3 23.7 29.0 9.8 18.8	43,250 45,823 36,052 27,285 28,307	183 188 155 79 175	8,508 8,287 8,303 7,253 5,381
TRENTON PEORIA STOCKTON LOWELL LAWRENCE-HAVERHILL	NJ IL CA MA MA	PA	1,223 1,232 887 1,007 1,094	7,344 4,486 4,230 5,767 5,239	263 262 261 259 249	122 157 70 133 149	2,155 1,568 3,728 1,947 1,671	4.6 4.7 3.3 3.8 4.3	27.9 17.1 16.2 22.2 25.0	42 35 23 37 39	1,940 796 1,374 2,635 2,931	3.4 2.8 2.5 3.6 3.5	26.4 17.7 32.4 45.6 46.9	46,190 22,742 59,739 71,216 75,153	213 144 130 181 229	9,107 5,627 10,569 14,658 12,799
MODESTO FAYETTEVILLE GREENVILLE MADISON CANTON	CA NC SC WI OH		722 1,153 1,501 873 1,409	3,416 4,134 5,049 4,463 4,192	249 152 248 246 245	50 152 248 89 93	4,980 1,631 1,000 2,764 2,634	2.8 4.6 6.0 3.5 5.7	13.7 16.6 20.3 18.1 17.1	15 14 30 28 34	1,022 292 1,103 1,130 1,092	2.0 1.2 1.9 3.2 2.4	29.9 7.0 21.8 25.3 26.0	68,133 20,657 38,766 40,357 32,117	84 56 130 126 135	12,166 5,214 8,484 9,368 8,088
ODGEN DAYTONA BEACH HUNTSVILLE FORT WAYNE MONTGOMERY	UT FL AL IN MO		1,013 1,146 1,061 1,076 1,093	3,864 4,970 4,386 4,381 4,413	244 240 238 237 234	145 123 247 93 193	1,682 1,951 983 2,648 1,212	4.1 4.7 4.4 4.5 4.6	15.8 20.7 18.4 18.4 18.8	26 15 13 13 26	992 446 547 507 1,041	2.5 1.3 1.2 1.2 2.3	25.6 8.9 12.4 11.5 23.6	38,153 29,733 42,076 39,000 40,038	136 58 55 52 110	7,294 7,689 9,945 9,750 9,463
SOUTH BEND FORT MYERS SAVANNAH ANCHORAGE LORAIN-ELYRIA	IN FL GA AK OH	MI	1,285 1,364 1,047 1,096 951	3,147 4,743 5,184 3,530 4,114	231 230 227 226 225	147 215 210 161 144	1,571 1,069 1,080 1,403 1,582	5.5 5.9 4.6 4.8 4.2	13.6 20.6 22.8 15.6 18.2	24 11 34 42 55	404 271 1,062 1,046 1,496	1.8 0.8 3.2 3.8 5.7	12.8 5.7 20.4 29.6 36.4	16,833 24,636 31,235 24,904 27,236	96 40 137 159 220	4,208 6,775 7,751 6,578 6,809
LEXINGTON-FAYETTE COLUMBUS MCALLEN-PHARR-EDINBURG PROVO-DREM ROCKFORD	KY GA TX UT IL	AL	550 1,149 1,200 781 1,078	4,148 4,398 3,452 3,042 3,644	225 224 216 215 213	91 159 76 112 108	2,472 1,408 2,842 1,919 1,972	2.4 5.1 5.5 3.6 5.0	18.4 19.6 15.9 14.1 17.1	28 39 25 18 21	1,282 856 876 887 412	5.0 3.3 2.0 2.3 1.9	30.9 19.4 26.3 29.1 11.3	45,795 21,948 35,040 49,277 19,819	124 181 100 102 81	10,338 4,723 8,783 8,696 5,086
UTICA-ROME SANTA ROSA BILOXI-GULFPORT	NY CA MS		994 634 1,114	3,476 3,536 3,205	206 205 200	156 80 138	1,320 2,575 1,449	4.8 3.0 5.5	16.8 17.1 16.0	60 22 14	941 1,488 359	6.0 3.4 1.2	27.0 42.0 11.2	15,683 67,636 25,642	238 88 56	3,953 16,909 6,410

1/ DATA REPORTED BY EACH STATE VIA THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS)
AREA/IDE DATA.
2/ A FEDERAL-AID "URBANIZED AREA" IS AN AREA WITH 50,000 OR MORE PERSONS, THAT AT A

MINIMUM, ENCOMPASSES THE LAND AREA DELINEATED BY THE BUREAU OF THE CENSUS.
3/ "DVMT" STANDS FOR "DAILY VEHICLES-MILES OF TRAVEL".
4/ LANE MILEAGE ESTIMATED BY FHWA FROM BASE HPMS UNIVERSE DATA.

ANNUAL VEHICLE-MILES OF TRAVEL AND RELATED DATA - 1990¹

BY HIGHWAY CATEGORY AND VEHICLE TYPE

OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

TABLE VM-1
OCTOBER 1991

YEAR	ITEM	PASSENGER VEHICLES					TRUCKS					ALL MOTOR VEHICLES
		PERSONAL PASSENGER VEHICLES			BUSES	ALL PASSENGER VEHICLES	SINGLE-UNIT			COMBI-NATION	ALL TRUCKS	
		PASSENGER CARS 2/	MOTOR-CYCLES 2/	ALL PERSONAL PASSENGER VEHICLES			2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT			
1990	MOTOR-VEHICLE TRAVEL: (MILLIONS OF VEHICLE-MILES)											
1989	INTERSTATE RURAL	129,047	1,173	130,220	568	130,788	33,078	5,949	39,027	30,758	69,785	200,573
1990	OTHER ARTERIAL RURAL	215,847	1,533	217,380	996	218,376	80,846	11,108	91,954	20,896	112,850	331,226
1989	OTHER RURAL	217,080	1,674	218,754	1,889	220,643	94,292	12,775	107,067	10,900	117,967	338,610
1990		-	-	213,933	1,760	215,693	94,891	12,507	107,398	10,544	117,942	333,635
1989	ALL RURAL	561,974	4,380	566,354	3,453	569,807	208,216	29,832	238,048	62,554	300,602	870,409
1990		-	-	551,172	3,217	554,389	203,122	29,206	232,328	60,508	292,836	847,225
1989	INTERSTATE URBAN	207,911	1,145	209,056	452	209,508	45,966	6,210	52,176	16,720	68,896	278,404
1990	OTHER URBAN	745,485	4,047	749,532	1,823	751,355	212,645	17,480	230,125	17,208	247,333	998,688
1989		-	-	733,816	1,957	735,773	207,519	17,534	225,053	17,670	242,723	978,496
1990	ALL URBAN 3/	953,396	5,192	958,588	2,275	960,863	258,611	23,690	282,301	33,928	316,229	1,277,092
1989		-	-	936,968	2,442	939,410	251,217	23,763	274,980	34,841	309,821	1,249,231
1990	TOTAL RURAL AND URBAN	1,515,370	9,572	1,524,942	5,728	1,530,670	466,827	53,522	520,349	96,482	616,831	2,147,501
1989		1,477,769	10,371	1,488,140	5,659	1,493,799	454,339	52,969	507,306	95,349	602,657	2,096,456
1990	NUMBER OF MOTOR VEHICLES REGISTERED 4/	143,549,627	4,259,462	147,809,089	626,987	148,436,076	38,651,745	4,219,920	42,871,665	1,607,183	44,478,848	192,914,924
1989		143,025,658	4,433,915	147,459,573	625,040	148,084,613	37,917,701	4,102,863	42,020,564	1,589,285	43,609,849	191,694,462
1990	AVERAGE MILES TRAVELED PER VEHICLE	10,556	2,247	10,317	9,136	10,312	12,078	12,683	12,137	60,032	13,868	11,132
1989		10,332	2,339	10,092	9,054	10,087	11,982	12,910	12,073	59,995	13,819	10,936
1990	PERSON-MILES OF TRAVEL 5/ (MILLIONS)	2,288,209	12,252	2,300,461	121,434	2,421,894	728,250	53,522	781,772	96,482	878,254	3,300,149
1989		2,231,431	13,275	2,244,706	119,971	2,364,677	708,769	52,968	761,738	95,349	857,087	3,221,764
1990	FUEL CONSUMED (THOUSAND GALLONS)	72,434,884	191,440	72,626,324	900,629	73,526,953	33,140,024	7,339,417	40,479,441	17,578,650	58,056,101	131,583,054
1989		72,748,695	207,420	72,956,115	948,740	73,904,855	33,004,933	7,412,299	40,417,232	17,495,229	57,912,461	131,817,316
1990	AVERAGE FUEL CONSUMPTION PER VEHICLE (GALLONS)	505	45	491	1,436	495	857	1,739	944	10,936	1,305	682
1989		509	47	495	1,518	499	870	1,807	962	11,008	1,328	688
1990	AVERAGE MILES TRAVELED PER GALLON OF FUEL CONSUMED	20.92	50.00	21.00	6.36	20.82	14.09	7.29	12.85	5.49	10.62	16.32
1989		20.31	50.00	20.40	5.95	20.21	13.77	7.15	12.55	5.45	10.41	15.90

1/ THE 50 STATES AND THE DISTRICT OF COLUMBIA REPORT TRAVEL BY HIGHWAY CATEGORY, NUMBER OF MOTOR VEHICLES REGISTERED, AND TOTAL FUEL CONSUMED. THE TRAVEL AND FUEL DATA BY VEHICLE TYPE AND STRATIFICATION OF TRUCKS, AS WELL AS RELATED DATA ARE CALCULATED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA). ENTRIES FOR 1989 HAVE BEEN REVISED BASED ON THE AVAILABILITY OF MORE CURRENT DATA.

2/ SEPARATE ESTIMATES OF PASSENGER CAR AND MOTORCYCLE TRAVEL ARE NOT AVAILABLE BY HIGHWAY CATEGORY FOR 1989.

3/ URBAN CONSISTS OF TRAVEL ON ALL ROADS AND STREETS IN URBAN PLACES OF 5,000 OR GREATER POPULATION.

4/ STRATIFICATION OF THE TRUCK FIGURES IS MADE BY FHWA BASED ON THE 1987 CENSUS OF TRANSPORTATION TRUCK INVENTORY AND USE SURVEY (TIUS). THE COMBINATIONS REPRESENT APPROXIMATELY THE NUMBER OF TRUCK-TRACTORS WITH SEMI-TRAILER(S) AND A MAJORITY OF THE HEAVY SINGLE-UNIT TRUCKS USED REGULARLY IN COMBINATION WITH FULL TRAILER(S). ALL THESE TRUCK VEHICLE FIGURES MAY BE REGARDED AS PRELIMINARY AND MAY BE REVISED PENDING FURTHER ANALYSIS OF THE TIUS DATA.

5/ AS ESTIMATED BY FHWA USING THE NATIONWIDE PERSONAL TRANSPORTATION STUDY, TIUS, AND NATIONAL TRANSPORTATION STATISTICS ANNUAL REPORT, 1989 DATA HAVE BEEN REVISED.

ANNUAL VEHICLE-MILES OF TRAVEL - 1990¹ BY STATE AND FUNCTIONAL SYSTEM

OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

TABLE VH-2
SEPTEMBER 1991

STATE	(MILLIONS)										URBAN							TOTAL
	INTERSTATE					RURAL					URBAN							
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL				
ALABAMA	4,444	4,599	3,943	4,712	1,152	3,736	22,586	3,551	337	5,708	3,627	1,950	4,588	19,761	42,347			
ALASKA	580	17	476	492	143	143	2,276	419	-	656	156	147	625	1,703	3,979			
ARIZONA	5,392	1,592	2,168	3,342	661	1,599	14,771	2,742	868	7,746	3,598	1,627	4,104	20,685	35,456			
ARKANSAS	2,621	3,047	2,710	3,457	451	1,128	13,414	1,601	673	7,451	1,622	1,603	4,047	20,685	21,011			
CALIFORNIA	14,732	13,636	9,612	11,172	3,388	2,389	54,923	51,287	39,866	53,989	32,969	11,645	14,247	204,003	268,926			
COLORADO	3,496	2,465	1,598	2,425	1,170	533	11,709	3,472	1,833	2,236	2,236	985	1,625	15,468	27,178			
CONNECTICUT	1,418	1,143	1,143	1,475	487	945	6,396	2,418	2,418	3,839	2,871	2,474	1,708	19,706	26,303			
DELAWARE	-	1,114	588	647	78	487	2,924	928	9	1,260	499	339	589	3,624	6,548			
DIST. OF COL.	8,907	9,522	5,878	3,048	1,469	3,144	31,966	464	443	1,092	731	331	346	3,407	3,407			
FLORIDA	8,909	5,126	7,128	6,224	1,975	4,474	33,861	10,391	4,143	19,546	14,306	9,088	20,555	78,029	109,997			
GEORGIA	102	1,214	1,214	613	132	693	2,810	9,812	1,591	8,733	7,493	3,675	7,781	39,065	72,746			
HAWAII	-	-	-	-	-	-	-	1,401	798	885	641	479	1,052	5,256	8,066			
IDAHO	1,484	1,479	581	1,162	220	1,905	6,831	618	-	863	862	317	368	3,018	9,849			
ILLINOIS	7,468	4,576	5,230	5,045	465	3,325	26,139	13,712	940	16,360	12,381	6,877	7,105	57,195	83,334			
INDIANA	6,640	4,124	5,590	8,749	1,855	2,433	23,391	15,272	923	9,342	5,239	1,896	4,827	24,306	53,697			
INDIANA	3,278	3,856	2,979	2,509	735	1,470	14,887	1,343	-	3,111	1,866	1,896	1,169	8,166	22,999			
IOWA	2,472	3,625	2,022	2,689	285	1,472	12,565	2,066	634	2,587	2,435	841	1,721	10,284	22,849			
KANSAS	4,567	3,653	2,247	5,040	2,020	3,324	15,871	3,450	541	2,951	3,635	1,266	6,721	26,745	40,536			
KENTUCKY	4,377	2,291	2,367	5,298	1,480	2,220	18,053	3,040	400	5,116	3,988	1,266	6,748	13,768	46,030			
LOUISIANA	1,708	1,544	1,662	2,098	712	1,006	8,730	449	101	1,136	790	420	248	19,614	38,946			
MAINE	2,795	3,503	3,135	2,309	762	1,287	13,791	8,204	2,819	8,148	3,843	1,985	1,746	26,745	40,536			
MARYLAND	2,084	1,473	1,965	1,581	372	1,034	6,508	10,347	4,461	9,378	5,310	2,877	5,248	37,621	46,030			
MASSACHUSETTS	5,850	6,386	6,060	10,176	1,524	2,542	32,538	11,114	3,577	15,010	11,158	3,648	3,648	48,553	66,030			
MICHIGAN	2,388	4,837	3,401	3,605	1,122	2,517	18,730	4,780	2,170	2,921	5,126	2,852	2,852	20,216	38,946			
MINNESOTA	2,665	3,008	3,246	3,486	385	3,913	15,702	1,209	97	2,521	1,253	833	1,783	7,696	24,398			
MISSISSIPPI	5,826	6,275	5,788	5,788	399	3,553	25,185	7,905	2,267	6,423	4,687	1,630	2,582	25,694	50,883			
MISSOURI	1,816	1,462	1,094	894	320	734	6,360	165	-	734	350	185	538	1,972	8,332			
MONTANA	1,905	2,249	1,839	1,247	283	1,256	8,779	623	73	1,968	1,354	483	678	5,179	13,958			
NEBRASKA	1,593	826	882	882	206	882	4,372	956	740	1,528	1,488	535	596	5,843	10,215			
NEVADA	1,395	1,079	1,486	1,269	414	542	6,148	673	462	1,014	962	330	255	3,696	9,844			
NEW HAMPSHIRE	1,395	1,079	1,486	1,269	414	542	6,148	673	462	1,014	962	330	255	3,696	9,844			
NEW JERSEY	2,256	2,103	2,103	2,514	885	2,841	10,517	8,337	5,322	2,186	8,652	3,024	10,885	48,406	58,923			
NEW MEXICO	3,466	1,634	1,193	1,153	266	2,013	9,725	1,068	35	2,798	949	477	1,096	6,423	16,148			
NEVADA	5,639	4,992	4,992	5,473	510	3,415	31,423	13,913	14,412	16,876	16,228	5,848	9,202	75,479	106,902			
NORTH CAROLINA	6,403	5,755	5,755	11,463	3,775	3,358	33,778	3,708	2,313	9,036	5,561	1,194	7,117	26,929	62,707			
NORTH DAKOTA	923	702	702	800	185	683	4,348	177	-	538	381	177	289	1,562	5,910			
OHIO	8,044	4,992	5,718	8,717	2,091	6,066	35,628	15,531	3,357	10,971	7,029	4,196	10,260	51,344	86,972			
OKLAHOMA	3,630	2,954	3,054	4,868	154	1,845	16,495	3,221	1,786	3,463	3,990	931	3,186	16,586	33,081			
OREGON	3,611	3,914	2,080	2,905	628	1,561	16,435	2,732	3,928	3,272	2,801	1,307	1,008	12,099	26,738			
PENNSYLVANIA	7,967	7,406	9,085	6,115	2,752	6,174	38,571	7,066	3,952	16,565	8,267	4,792	5,763	46,837	85,708			
RHODE ISLAND	206	285	197	151	65	72	54,860	23,075	14,268	20,167	18,249	7,777	27,046	107,572	162,232			
SOUTH CAROLINA	5,756	4,669	4,669	5,093	662	2,189	22,253	2,105	378	4,520	2,920	1,482	718	12,123	34,376			
SOUTH DAKOTA	1,340	1,357	927	965	167	625	5,451	276	20	626	2,920	280	296	1,538	6,989			
TENNESSEE	6,731	2,747	6,200	3,205	1,651	3,239	22,880	5,663	-	8,866	3,654	2,801	3,238	23,850	46,710			
TEXAS	11,645	15,555	6,355	14,681	2,187	4,237	54,860	23,075	14,268	20,167	18,249	7,777	27,046	107,572	162,232			
UTAH	2,300	949	821	858	255	508	5,991	2,696	145	1,631	1,885	969	1,628	8,555	14,846			
VERMONT	996	662	852	1,079	182	479	4,250	238	54	456	372	172	306	3,168	5,638			
VIRGINIA	7,061	5,271	5,588	6,408	492	3,239	28,059	8,052	1,994	7,743	6,733	2,143	5,454	32,169	60,108			
WASHINGTON	3,536	3,155	2,168	5,081	1,650	1,174	16,764	7,268	2,464	7,204	5,433	2,429	3,073	27,991	44,695			
WEST VIRGINIA	2,554	1,515	2,335	3,419	343	782	10,948	1,079	422	4,129	903	491	446	4,470	15,418			
WISCONSIN	3,504	6,342	4,776	4,525	948	2,895	23,390	2,600	1,805	4,970	5,241	1,256	5,015	20,667	42,277			
WYOMING	1,673	685	885	484	404	348	4,479	159	8	515	286	128	158	1,354	5,633			
TOTAL	200,573	175,382	155,844	191,302	50,462	96,846	870,409	278,404	127,431	336,687	235,036	103,756	196,778	1,277,092	2,147,501			
PERCENT - AREA	23.1	20.2	18.0	22.0	5.8	11.2	100.0	21.8	10.0	26.3	18.5	8.2	15.5	100.0	0.0			
PERCENT - TOTAL	9.4	8.2	7.3	9.0	2.4	4.6	40.6	13.0	6.0	15.7	11.0	4.9	9.2	59.5	100.0			

1/ DATA ARE BASED ON STATE HIGHWAY AGENCY ESTIMATES REPORTED FOR THE VARIOUS FUNCTIONAL SYSTEMS AND ARE SUBJECT TO REVISION PENDING FURTHER FEDERAL HIGHWAY ADMINISTRATION REVIEW.

ANNUAL VEHICLE-MILES OF TRAVEL - REVISED 1989¹

BY STATE AND FUNCTIONAL SYSTEM

 OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

(MILLIONS)

 TABLE VM-2
SEPTEMBER 1991

STATE	RURAL							URBAN							TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	
ALABAMA	4,262	4,372	3,949	4,449	1,119	3,638	21,789	3,332	-	5,647	3,571	1,926	4,500	18,976	40,765
ALASKA	686	16	460	500	142	401	2,205	422	-	631	155	142	332	1,682	3,887
ARIZONA	4,326	1,504	2,265	2,932	301	3,331	14,659	2,575	696	7,441	3,692	1,626	4,127	20,157	34,816
ARKANSAS	2,545	2,924	2,657	3,366	417	1,079	12,988	1,599	614	2,409	1,597	572	636	7,426	20,414
CALIFORNIA	13,449	12,997	9,304	10,739	3,254	2,296	52,039	50,309	38,470	53,047	32,323	11,485	13,809	199,443	251,482
COLORADO	3,309	2,413	1,684	2,470	1,168	821	11,865	3,376	1,704	5,251	2,259	987	2,135	15,712	27,577
CONNECTICUT	1,396	1,131	1,148	1,454	506	961	6,596	6,489	2,363	3,742	2,885	2,363	1,745	19,587	26,183
DELAWARE	-	1,124	589	654	69	464	2,900	927	8	1,276	484	341	510	3,546	6,446
DIST. OF COL.	-	-	-	-	-	-	-	478	438	1,091	730	330	347	3,414	3,414
FLORIDA	8,550	9,253	6,015	3,006	1,469	3,092	31,385	9,674	4,262	19,296	14,415	9,024	20,821	77,492	108,877
GEORGIA	8,473	4,918	6,737	5,823	1,778	4,054	31,783	9,882	1,429	8,116	6,611	3,400	6,848	36,286	68,069
HAWAII	91	89	1,062	534	119	550	2,445	1,217	940	858	637	460	1,193	5,305	7,760
IDAHO	1,405	1,455	576	1,225	216	862	5,739	569	-	841	776	341	156	2,683	8,422
ILLINOIS	7,172	529	8,895	5,096	475	3,311	25,478	12,586	998	14,123	14,465	6,545	7,092	55,819	81,297
INDIANA	5,820	4,031	5,286	10,279	1,787	4,887	32,090	4,582	867	6,883	5,281	1,697	4,792	24,102	56,192
IOWA	3,238	3,685	2,894	2,468	728	1,492	14,505	1,365	1,365	3,028	1,850	677	1,146	8,066	22,571
KANSAS	2,382	3,609	1,989	2,686	285	1,413	12,364	1,863	623	2,539	2,223	690	1,611	9,549	21,913
KENTUCKY	4,312	3,455	2,216	5,007	1,884	1,852	18,826	3,333	516	2,900	3,461	1,425	1,704	13,339	32,165
LOUISIANA	4,730	2,330	2,416	1,420	1,420	2,149	18,153	2,968	375	4,995	3,317	1,243	4,562	17,460	35,613
MAINE	1,692	1,522	1,640	2,059	697	983	8,593	477	125	1,103	794	414	233	3,146	11,739
MARYLAND	2,795	3,340	3,028	2,164	744	1,240	13,311	7,850	2,722	7,692	3,716	1,951	1,680	25,611	38,922
MASSACHUSETTS	2,165	1,459	1,831	1,629	420	1,030	8,534	10,436	4,505	9,622	5,215	2,850	37,680	46,214	
MICHIGAN	6,367	6,134	5,843	10,043	1,516	2,560	31,453	10,968	3,503	14,969	11,188	3,849	3,960	48,437	79,890
MINNESOTA	2,715	4,717	3,321	3,697	1,067	2,448	7,965	4,625	2,069	2,795	4,944	2,514	3,981	19,428	37,393
MARYLAND	2,795	3,340	3,028	2,164	744	1,240	13,311	7,850	2,722	7,692	3,716	1,951	1,680	25,611	38,922
MASSACHUSETTS	2,165	1,459	1,831	1,629	420	1,030	8,534	10,436	4,505	9,622	5,215	2,850	37,680	46,214	
MICHIGAN	6,367	6,134	5,843	10,043	1,516	2,560	31,453	10,968	3,503	14,969	11,188	3,849	3,960	48,437	79,890
MINNESOTA	2,715	4,717	3,321	3,697	1,067	2,448	7,965	4,625	2,069	2,795	4,944	2,514	3,981	19,428	37,393
MISSISSIPPI	2,695	2,946	3,260	3,471	348	2,809	15,429	1,206	94	2,537	1,203	731	1,695	7,466	22,895
MISSOURI	5,391	5,740	3,302	5,103	374	3,369	23,279	8,229	2,251	6,194	4,066	1,413	2,665	24,808	48,087
MONTANA	1,731	1,458	1,036	935	318	778	6,256	168	-	692	403	171	560	1,994	8,250
NEBRASKA	1,857	2,212	1,856	1,255	286	1,247	8,713	609	66	1,916	1,336	472	669	5,068	13,781
NEVADA	1,528	793	555	810	208	299	4,193	888	300	1,478	1,410	530	593	5,199	9,392
NEW HAMPSHIRE	1,330	1,096	542	1,276	419	542	6,101	853	490	1,023	971	328	253	3,718	9,819
NEW JERSEY	1,930	2,001	2,249	3,061	946	886	11,073	8,560	5,402	11,342	9,295	3,249	10,977	48,825	59,898
NEW MEXICO	3,304	1,248	1,429	1,230	272	2,020	9,503	1,044	-	2,792	1,067	480	953	6,336	15,839
NEW YORK	5,516	4,622	6,834	5,536	5,208	3,385	31,001	13,809	13,327	16,981	17,132	5,614	8,195	75,058	106,059
NORTH CAROLINA	5,937	5,795	3,278	10,623	3,719	3,881	33,233	3,523	2,259	8,879	5,271	1,176	6,895	28,003	61,236
NORTH DAKOTA	888	781	804	188	188	877	4,285	185	-	535	383	181	300	1,564	5,849
OHIO	7,838	4,669	5,468	8,446	2,037	5,974	34,452	14,853	3,084	10,777	7,006	4,100	10,146	49,966	84,418
OKLAHOMA	3,573	2,899	3,003	4,809	155	1,820	16,259	3,170	1,762	3,507	4,016	992	3,140	16,577	32,836
OREGON	3,436	3,838	2,060	2,765	623	1,470	14,192	2,671	929	3,069	2,453	1,378	1,128	11,628	25,820
PENNSYLVANIA	7,840	7,274	8,871	5,935	2,680	5,439	37,839	7,013	3,839	16,735	7,939	4,541	4,958	62,854	82,654
RHODE ISLAND	203	269	186	139	65	27	889	1,051	547	1,820	1,088	518	827	5,851	6,740
SOUTH CAROLINA	5,496	3,712	4,660	4,575	630	2,092	21,165	2,003	331	4,480	2,832	1,325	644	11,615	32,780
SOUTH DAKOTA	1,275	1,344	853	938	149	588	5,157	222	19	622	302	1,547	130	1,547	5,704
TENNESSEE	6,529	2,650	6,000	3,108	2,277	1,587	22,151	5,609	-	8,731	3,643	2,303	3,202	23,488	45,639
TEXAS	11,197	15,319	5,314	14,434	2,192	4,233	53,693	21,812	13,260	19,856	16,029	7,811	27,051	105,819	159,512
UTAH	2,139	912	770	782	254	519	5,376	2,587	122	1,551	1,764	920	1,595	8,539	13,915
VERMONT	946	656	856	1,081	182	483	4,204	230	58	459	309	165	340	1,561	5,765
VIRGINIA	6,843	5,211	5,649	6,161	467	3,170	27,501	7,955	1,902	7,729	6,730	2,143	5,377	31,836	59,337
WASHINGTON	3,360	3,191	2,189	4,552	1,459	1,110	15,861	7,168	2,489	6,997	5,299	2,408	3,011	27,372	43,233
WEST VIRGINIA	2,412	1,484	2,159	3,304	324	881	10,564	1,063	438	1,086	898	462	429	4,376	14,940
WISCONSIN	3,693	6,145	4,737	4,209	943	3,071	22,798	2,508	1,829	4,672	5,037	1,242	5,000	20,288	43,086
WYOMING	1,628	687	852	465	406	355	4,393	154	9	496	307	237	155	1,358	5,751
TOTAL	191,085	165,859	156,646	187,195	48,714	97,726	847,225	270,735	122,024	327,151	234,788	101,872	192,681	1,249,231	2,096,456
PERCENT - AREA	22.6	19.6	18.5	22.1	5.8	11.6	100.0	21.7	9.8	26.2	18.8	8.2	15.5	100.0	0.0
PERCENT - TOTAL	9.2	8.0	7.5	9.0	2.4	4.7	40.5	13.0	5.9	15.7	11.2	4.9	9.2	59.6	100.0

1/ DATA ARE BASED ON STATE HIGHWAY AGENCY ESTIMATES REPORTED FOR THE VARIOUS FUNCTIONAL SYSTEMS.

ANNUAL VEHICLE-MILES OF TRAVEL - 1990
BY STATE AND FEDERAL-AID SYSTEM

TABLE VH-3
SEPTEMBER 1991

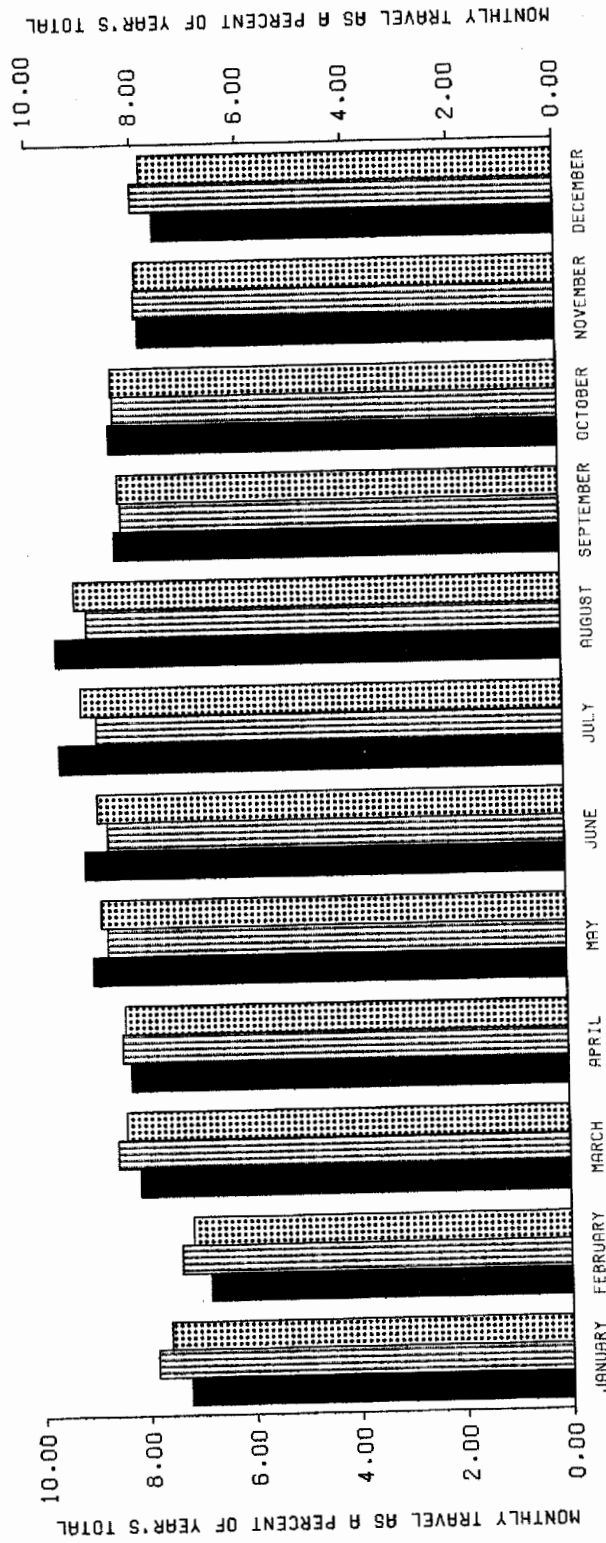
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INFORMATION MANAGEMENT

(MILLIONS)

STATE	FEDERAL-AID INTERSTATE			OTHER FEDERAL-AID PRIMARY			FEDERAL-AID URBAN		FEDERAL-AID SECONDARY		ALL FEDERAL-AID SYSTEMS			ALL NON-FEDERAL-AID SYSTEMS			TOTAL
	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	URBAN	RURAL	RURAL		URBAN		RURAL	URBAN	TOTAL		
									URBAN	TOTAL	URBAN	TOTAL					
ALABAMA	4,444	3,551	7,995	8,541	4,725	13,266	6,367	17,697	4,712	14,643	32,340	4,889	5,118	10,007	42,347		
ALASKA	5,600	419	1,109	493	217	710	688	1,374	487	1,324	2,994	2,505	379	985	3,979		
ARIZONA	5,392	2,742	8,134	3,777	6,223	10,000	3,309	12,478	15,744	15,744	28,222	2,292	4,941	7,234	35,456		
ARKANSAS	2,621	1,501	4,222	5,482	2,293	7,775	2,259	10,227	2,124	6,153	16,580	3,167	1,444	4,611	21,011		
CALIFORNIA	14,732	51,287	66,019	23,224	38,185	62,409	92,361	48,325	10,369	182,833	231,158	6,608	21,170	27,768	258,926		
COLORADO	3,476	6,372	9,848	4,083	3,636	7,719	4,441	9,022	1,441	13,285	22,317	2,897	2,174	4,861	27,178		
CONNECTICUT	1,416	6,356	7,812	2,262	4,141	6,403	4,450	5,139	1,461	14,987	20,126	1,856	4,719	6,177	26,303		
DELAWARE	-	328	928	1,712	891	2,603	1,208	2,357	645	3,027	5,384	587	597	1,164	6,548		
DIST. OF COL.	-	464	464	-	-	-	760	-	-	3,055	3,055	-	-	352	3,407		
FLORIDA	8,907	10,391	19,298	14,062	19,767	33,829	21,053	25,787	2,818	51,211	76,998	6,181	26,616	32,999	109,997		
GEORGIA	8,609	9,612	18,621	12,266	17,377	29,633	4,113	27,288	6,223	31,302	58,590	6,393	7,763	14,156	72,746		
HAWAII	102	1,401	1,503	1,309	1,456	2,765	1,346	1,975	554	4,203	6,178	935	1,063	1,888	8,066		
IDAHO	1,484	618	2,102	2,060	394	2,454	1,417	4,632	1,088	2,429	7,061	2,199	589	2,788	9,849		
ILLINOIS	7,466	13,712	21,160	9,806	13,682	23,688	22,246	4,155	1,088	4,632	41,269	4,310	7,368	12,065	83,334		
INDIANA	6,640	5,279	11,919	9,713	4,553	14,266	10,078	25,096	8,743	19,910	70,371	4,205	4,395	8,691	53,697		
IOWA	3,278	1,343	4,621	6,834	2,417	9,251	3,146	12,621	2,509	6,806	19,527	2,206	1,260	3,466	22,993		
KANSAS	2,472	2,066	4,538	5,647	1,615	7,262	3,797	10,807	2,688	7,478	18,285	1,758	2,826	4,584	22,849		
KENTUCKY	4,597	3,450	8,047	2,724	8,621	11,345	5,839	15,523	5,039	12,013	27,536	4,248	1,785	6,029	33,639		
LOUISIANA	4,397	3,040	7,437	4,676	3,012	7,688	6,262	14,350	5,297	11,557	26,664	3,703	7,300	11,003	37,667		
MAINE	1,706	449	2,157	3,205	934	4,139	1,475	6,685	1,772	2,858	9,543	2,045	283	2,328	11,871		
MARYLAND	2,795	8,204	10,999	6,638	6,685	13,323	9,491	11,742	2,309	24,380	36,122	2,049	2,385	4,434	40,556		
MASSACHUSETTS	2,084	10,547	12,431	3,438	8,885	12,323	13,034	7,103	1,581	32,266	70,371	1,406	6,761	8,167	46,130		
MICHIGAN	2,880	11,114	16,364	12,446	9,268	21,714	21,749	28,240	9,944	42,131	70,371	4,398	6,442	10,720	81,091		
MINNESOTA	2,998	4,780	7,768	8,238	3,738	11,976	7,031	15,031	3,805	15,549	30,580	3,699	4,622	8,321	38,946		
MISSISSIPPI	2,685	1,209	3,874	6,133	1,539	7,672	3,146	12,283	3,485	5,894	18,177	4,419	1,902	6,221	24,398		
MISSOURI	9,626	7,905	17,531	9,823	3,564	13,387	9,510	21,220	5,771	20,979	48,196	3,969	4,713	8,684	50,883		
MONTANA	1,861	65	1,961	2,572	463	3,035	680	5,126	738	1,308	6,434	1,234	654	1,888	8,322		
NEBRASKA	1,905	623	2,528	4,088	1,447	5,535	2,431	7,240	1,247	4,501	11,741	1,539	678	2,217	13,958		
NEVADA	1,563	955	2,519	1,416	930	2,346	2,977	3,846	867	4,863	8,709	526	990	1,506	10,215		
NEW HAMPSHIRE	1,350	1,972	3,322	2,346	1,800	4,146	1,269	4,974	1,269	3,284	8,268	1,174	412	1,586	9,844		
NEW JERSEY	7,967	8,337	16,304	3,001	8,981	11,982	11,404	7,383	2,470	28,722	36,105	3,134	19,684	22,818	58,923		
NEW MEXICO	3,466	1,088	4,534	2,826	1,162	3,988	2,362	7,395	1,103	4,592	11,987	2,330	1,851	4,181	16,148		
NEW YORK	5,639	13,913	19,552	11,566	21,984	33,570	29,876	22,698	5,473	65,773	88,471	8,725	9,706	18,431	106,902		
NORTH CAROLINA	6,493	3,706	10,111	8,920	5,252	14,172	10,070	26,403	11,080	19,030	45,433	7,375	9,699	17,274	62,707		
NORTH DAKOTA	8,044	15,531	23,575	10,710	1,749	452	642	3,447	775	4,271	4,718	601	1,251	1,192	6,910		
OHIO	8,044	15,531	23,575	10,710	1,749	452	642	3,447	775	4,271	4,718	601	1,251	1,192	6,910		
OKLAHOMA	3,630	3,221	6,851	5,975	2,349	8,324	7,490	13,558	3,953	13,060	26,618	2,937	3,526	6,463	33,081		
OREGON	3,611	2,732	6,343	5,878	2,984	8,862	5,142	12,144	2,655	10,858	23,002	2,295	5,241	7,536	26,738		
PENNSYLVANIA	7,967	7,106	15,075	16,551	15,130	31,691	18,636	30,643	6,115	41,074	71,717	6,226	5,763	13,991	85,708		
RHODE ISLAND	206	1,051	1,257	480	1,544	2,024	2,463	837	151	5,058	5,895	139	990	1,129	7,024		
SOUTH CAROLINA	5,766	2,105	7,861	8,553	4,795	13,348	3,613	19,402	5,093	10,513	29,915	2,851	1,610	4,461	34,376		
SOUTH DAKOTA	1,340	2,225	3,565	2,293	481	2,764	518	4,575	952	1,225	5,800	2,895	313	3,208	6,989		
TENNESSEE	6,730	5,665	12,394	8,947	5,790	14,737	9,139	18,867	3,189	20,592	35,259	4,013	3,638	7,651	48,710		
TEXAS	11,645	23,107	34,720	21,908	18,913	40,821	26,578	47,237	13,684	68,556	115,803	7,423	39,006	46,429	162,232		
UTAH	2,800	2,656	5,456	1,754	616	2,370	3,912	4,883	829	7,224	12,107	808	1,731	2,539	14,646		
VERMONT	766	8,238	8,994	1,514	343	1,857	647	3,589	1,079	4,228	5,817	68	360	1,021	5,838		
VIRGINIA	3,536	7,256	10,792	10,840	5,201	16,041	12,707	24,308	6,407	25,960	59,268	3,761	6,159	9,910	60,178		
WASHINGTON	3,536	7,256	10,792	5,323	5,414	10,737	12,074	13,934	5,075	24,758	38,690	2,630	3,175	6,005	44,695		
WEST VIRGINIA	2,554	1,079	3,633	3,850	1,044	4,894	1,895	9,820	3,416	4,018	13,838	1,128	452	1,580	15,418		
WISCONSIN	3,594	2,600	6,194	3,114	5,666	16,780	7,000	19,459	4,481	15,266	34,726	3,691	5,621	9,312	44,277		
WYOMING	1,873	193	2,066	1,555	406	1,961	624	3,683	455	1,199	4,872	796	165	961	5,833		
TOTAL	200,573	278,404	478,977	327,504	266,919	614,423	456,416	711,689	183,612	1,021,739	1,733,428	158,720	255,353	414,073	2,147,501		
PERCENT - TOTAL	9.3	13.0	22.3	15.3	13.4	28.6	21.3	33.1	8.6	47.6	80.7	7.4	11.9	19.3	100.0		

1/ TRAVEL FOR ALL SYSTEMS OTHER THAN INTERSTATE ARE FHWA ESTIMATES BASED ON HPMS AND OTHER AVAILABLE DATA.

MONTHLY DISTRIBUTION OF 1990 TRAVEL



NOTE : TRAVEL DATA SOURCE IS THE MONTHLY 'TRAFFIC VOLUME TRENDS' REPORT
 AS GENERATED FROM STATE HIGHWAY AGENCY PROVIDED DATA

LEGEND ■ RURAL TRAVEL ▨ URBAN TRAVEL ▤ TOTAL TRAVEL

MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES — 1990

OFFICE OF HIGHWAY INFORMATION MANAGEMENT

TABLE FI-1 SEPTEMBER 1991

STATE	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	AADT PER MILE	INJURY ACCIDENTS				PERSONS INJURED				PEDESTRIANS INJURED			
				FATAL		NON-FATAL		FATAL		NON-FATAL		FATAL		NON-FATAL	
				NUMBER 1/	RATE 2/	NUMBER	RATE 2/	NUMBER 1/	RATE 2/	NUMBER	RATE 2/	NUMBER 1/	RATE 2/	NUMBER	RATE 2/
ALABAMA	90,672	42,347	1,280	981	2.32	30,245	71.42	1,118	2.64	44,640	105.41	93	0.22	724	1.71
ALASKA	13,485	3,979	806	90	2.26	3,921	98.54	95	2.39	5,761	144.79	7	0.18	155	3.90
ARIZONA	51,612	35,456	1,882	784	2.21	37,609	106.07	869	2.45	60,747	171.33	133	0.38	1,444	4.07
ARKANSAS 3/	77,085	21,011	747	521	2.48	11,686	55.62	604	2.87	21,583	102.72	59	0.28	719	3.42
CALIFORNIA	163,574	258,926	4,337	4,682	1.81	236,542	91.36	5,189	2.00	365,758	141.26	986	0.38	18,419	7.11
COLORADO	77,680	27,178	959	492	1.81	25,564	94.06	544	2.00	39,183	144.17	47	0.17	951	3.50
CONNECTICUT	19,991	26,303	3,605	357	1.36	29,644	112.70	384	1.46	42,020	159.75	65	0.25	1,368	5.20
DELAWARE	5,444	6,548	3,295	121	1.85	5,304	81.00	138	2.11	8,427	128.70	21	0.32	224	3.42
DIST. OF COLUMBIA	1,102	3,407	8,470	46	1.35	9,492	278.60	48	1.41	13,219	388.00	19	0.56	1,289	37.83
FLORIDA	108,085	109,997	2,788	2,587	2.35	130,589	118.72	2,892	2.63	214,209	194.74	583	0.53	7,480	6.80
GEORGIA	109,601	72,746	1,818	1,410	1.94	63,403	87.16	1,562	2.15	98,864	135.90	181	0.25	2,602	3.58
HAWAII	4,099	8,066	5,391	155	1.92	8,625	106.93	177	2.19	12,424	154.03	31	0.38	600	7.44
IDAHO	62,435	9,849	432	210	2.13	8,046	81.69	244	2.48	11,236	114.08	21	0.21	200	2.03
ILLINOIS	135,944	83,334	1,679	1,430	1.72	106,274	127.53	1,589	1.91	157,763	189.31	272	0.33	10,151	12.18
INDIANA	91,908	53,697	1,901	929	1.73	52,269	97.34	1,050	1.96	74,416	138.59	102	0.19	1,963	3.66
IOWA	112,541	22,993	560	404	1.76	20,577	89.49	465	2.02	30,233	131.49	32	0.14	825	3.59
KANSAS	133,578	22,849	469	391	1.71	20,069	87.83	444	1.94	30,254	132.41	36	0.16	1,184	5.18
KENTUCKY	69,668	33,639	1,323	752	2.24	35,670	106.04	846	2.51	54,832	163.00	70	0.21	1,393	4.14
LOUISIANA	58,620	37,667	1,760	831	2.21	46,835	124.34	956	2.54	78,182	207.56	135	0.36	1,629	4.32
MAINE	22,389	11,871	1,453	196	1.65	10,017	84.38	213	1.79	16,383	138.01	22	0.19	399	3.36
MARYLAND	28,752	40,536	3,863	639	1.58	48,940	120.73	682	1.68	80,410	198.37	123	0.30	4,167	10.28
MASSACHUSETTS	34,076	46,130	3,709	546	1.18	73,122	158.51	605	1.31	91,563	198.49	124	0.27	3,421	7.42
MICHIGAN	117,449	81,091	1,892	1,399	1.73	97,478	120.21	1,566	1.93	148,972	183.71	224	0.28	3,792	4.68
MINNESOTA	129,397	38,946	825	501	1.29	27,958	71.79	566	1.45	44,634	114.60	65	0.17	1,499	3.85
MISSISSIPPI	72,520	24,398	922	626	2.57	13,980	57.30	746	3.06	26,577	108.93	69	0.28	588	2.41
MISSOURI 3/	120,527	50,883	1,157	943	1.85	41,686	81.93	1,097	2.16	66,138	129.96	101	0.20	2,055	4.04
MONTANA	71,387	8,332	320	190	2.28	5,520	66.25	212	2.54	8,280	99.38	11	0.13	159	1.91
NEBRASKA	92,403	13,958	414	220	1.58	15,501	111.05	262	1.88	23,288	166.84	26	0.19	653	4.68
NEVADA	45,524	10,215	615	300	2.94	12,552	122.88	343	3.36	19,193	187.89	57	0.56	691	6.76
NEW HAMPSHIRE 3/	14,836	9,844	1,818	140	1.42	3,381	34.35	158	1.61	6,982	70.93	14	0.14	516	5.24
NEW JERSEY	34,252	58,923	4,713	817	1.39	102,950	174.72	886	1.50	162,574	275.91	202	0.34	7,332	12.44
NEW MEXICO	54,736	16,148	806	440	2.72	15,892	98.41	499	3.09	24,796	153.55	83	0.51	995	6.16
NEW YORK 3/	111,242	106,902	2,633	2,032	1.90	200,301	187.37	2,212	2.07	296,933	277.76	590	0.55	22,283	20.84
NORTH CAROLINA	94,690	62,707	1,814	1,250	1.99	248,625	396.49	1,385	2.21	117,973	188.13	187	0.30	2,873	4.58
NORTH DAKOTA	86,517	5,910	187	104	1.76	3,164	53.54	112	1.90	4,629	78.32	13	0.22	106	1.79
OHIO 3/	113,600	86,972	2,098	1,479	1.70	120,195	138.20	1,636	1.88	201,718	231.93	198	0.23	4,475	5.15
OKLAHOMA	111,765	33,081	811	557	1.68	24,674	74.59	640	1.93	38,582	116.63	54	0.16	652	1.97
OREGON	94,969	26,738	771	500	1.87	22,412	83.82	579	2.17	35,201	131.65	66	0.25	478	1.79
PENNSYLVANIA	116,508	85,708	2,015	1,514	1.77	92,617	108.06	1,646	1.92	142,945	166.78	265	0.31	6,684	7.80
RHODE ISLAND	6,111	7,024	3,149	79	1.12	8,047	114.56	84	1.20	11,734	167.06	14	0.20	200	2.85
SOUTH CAROLINA	64,046	34,376	1,471	884	2.57	29,776	86.62	979	2.85	48,337	140.61	108	0.31	1,137	3.31
SOUTH DAKOTA	74,696	6,989	256	139	1.99	4,820	68.97	153	2.19	7,261	103.89	15	0.21	138	1.97
TENNESSEE 3/	84,639	46,710	1,512	1,044	2.24	46,805	100.20	1,176	2.52	72,254	154.69	107	0.23	1,950	4.17
TEXAS	305,951	162,232	1,453	2,881	1.78	162,424	100.12	3,241	2.00	262,576	161.85	484	0.30	5,664	3.49
UTAH	43,244	14,646	928	236	1.61	14,941	102.01	272	1.86	22,650	154.65	34	0.23	1,870	12.77
VERMONT	14,121	5,838	1,133	82	1.40	3,617	61.96	88	1.51	5,581	95.60	10	0.17	232	3.97
VIRGINIA	67,700	60,178	2,435	952	1.58	51,754	86.00	1,077	1.79	76,436	127.02	119	0.20	2,220	3.69
WASHINGTON	81,299	44,695	1,506	726	1.62	51,713	115.70	825	1.85	76,064	170.18	80	0.18	1,783	3.99
WEST VIRGINIA	34,592	15,418	1,221	407	2.64	18,138	117.64	481	3.12	27,997	181.59	38	0.25	552	3.58
WISCONSIN	109,876	44,277	1,104	678	1.53	42,394	95.75	769	1.74	62,530	141.22	64	0.14	2,180	4.92
WYOMING	39,213	5,833	408	105	1.80	3,409	58.44	125	2.14	5,367	92.01	8	0.14	99	1.70
TOTAL	3,880,151	2,147,501	1,516	39,779	1.85	2,501,167	116.47	44,529	2.07	3,600,307	167.65	6,468	0.30	135,163	6.29

1/ FATAL ACCIDENT AND FATALITY NUMBERS HAVE BEEN ADJUSTED TO AGREE WITH STATE TOTALS OBTAINED FROM THE FATAL ACCIDENT REPORTING SYSTEM (FARS) AS OF JUNE 1, 1991.
2/ PER 100 MILLION VEHICLE-MILES OF TRAVEL.

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

Roadway Extent, Characteristics, and Performance

MOTOR VEHICLE ACCIDENTS BY HIGHWAY SYSTEM -- 1990

 OFFICE OF HIGHWAY
 INFORMATION MANAGEMENT

 TABLE F-2
 SEPTEMBER 1991

HIGHWAY CATEGORY	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	INJURY ACCIDENTS				PERSONS INJURED				PEDESTRIANS INJURED			
			FATAL		NON-FATAL 1/		FATAL		NON-FATAL 1/		FATAL		NON-FATAL 1/	
			NUMBER 2/	RATE 3/	NUMBER	RATE 3/	NUMBER 2/	RATE 3/	NUMBER	RATE 3/	NUMBER 2/	RATE 3/	NUMBER	RATE 3/
RURAL SYSTEMS														
INTERSTATE	33,547	200,573	2,258	1.13	43,911	21.89	2,713	1.35	72,921	36.36	206	0.10	716	0.36
OTHER PRINCIPAL ARTERIALS														
OTHER FEDERAL-AID PRIMARY	83,085	173,737	3,862	2.22	87,318	50.26	4,625	2.66	150,445	86.59	346	0.20	1,536	0.88
NON-FEDERAL-AID	717	1,645	156	9.48	1,222	74.29	192	11.67	2,170	131.91	6	0.36	9	0.55
SUBTOTAL	83,802	175,382	4,018	2.29	88,540	50.48	4,817	2.75	152,615	87.02	352	0.20	1,545	0.88
MINOR ARTERIALS														
OTHER FEDERAL-AID PRIMARY	142,993	155,289	4,341	2.80	114,030	73.43	5,037	3.24	191,956	123.61	351	0.23	2,076	1.34
NON-FEDERAL-AID	1,742	555	38	6.85	866	156.04	52	9.37	1,503	270.81	6	1.08	24	4.32
SUBTOTAL	144,735	155,844	4,379	2.81	114,896	73.73	5,089	3.27	193,459	124.14	357	0.23	2,100	1.35
MAJOR COLLECTORS														
FEDERAL-AID SECONDARY	399,974	187,011	5,898	3.15	166,172	88.86	6,737	3.60	264,968	141.69	484	0.26	4,052	2.17
NON-FEDERAL-AID	36,391	4,291	189	4.40	4,641	108.16	209	4.87	8,039	187.35	16	0.37	115	2.68
SUBTOTAL	436,365	191,302	6,087	3.18	170,813	89.29	6,946	3.63	273,007	142.71	500	0.26	4,167	2.18
MINOR COLLECTORS	293,912	50,462	1,699	3.37	60,610	120.11	1,875	3.72	90,243	178.83	105	0.21	1,405	2.78
LOCALS	2,130,427	96,846	3,956	4.08	189,870	196.05	4,339	4.48	282,541	291.74	308	0.32	8,846	9.13
TOTAL -- ALL RURAL SYSTEMS	3,122,788	870,409	22,397	2.57	668,640	76.82	25,779	2.96	1,064,786	122.33	1,828	0.21	18,779	2.16
URBAN SYSTEMS														
INTERSTATE	11,527	278,404	1,965	0.71	120,668	43.34	2,228	0.80	187,509	67.35	452	0.16	1,889	0.68
OTHER PRINCIPAL ARTERIALS														
FREEWAYS & EXPRESSWAYS														
OTHER FEDERAL-AID PRIMARY	6,464	119,826	884	0.74	72,727	60.69	969	0.81	111,551	93.09	175	0.15	1,954	1.63
FEDERAL-AID URBAN	759	5,313	64	1.20	8,060	151.70	68	1.28	13,096	246.49	12	0.23	350	6.59
NON-FEDERAL-AID	447	2,292	43	1.88	2,516	109.77	46	2.01	4,260	185.86	13	0.57	50	2.18
SUBTOTAL	7,670	127,431	991	0.78	83,303	65.37	1,083	0.85	128,907	101.16	200	0.16	2,354	1.85
NON-FREEWAYS & EXPRESSWAYS														
OTHER FEDERAL-AID PRIMARY	26,352	262,952	2,617	1.00	221,346	84.18	2,877	1.09	353,572	134.46	685	0.26	9,689	3.68
FEDERAL-AID URBAN	24,864	69,430	3,494	5.03	281,669	405.69	3,725	5.37	446,633	643.29	1,140	1.64	19,190	27.64
NON-FEDERAL-AID	771	3,305	32	0.97	3,420	103.48	32	0.97	5,589	169.11	13	0.39	165	4.99
SUBTOTAL	51,987	335,687	6,143	1.83	506,435	150.87	6,634	1.98	805,794	240.04	1,838	0.55	29,044	8.65
SUBTOTAL	59,657	463,118	7,134	1.54	589,738	127.34	7,717	1.67	934,701	201.83	2,038	0.44	31,398	6.78
MINOR ARTERIALS														
OTHER FEDERAL-AID PRIMARY	1,379	121,982	215	0.18	19,884	16.30	235	0.19	32,700	26.81	70	0.06	546	0.45
FEDERAL-AID URBAN	66,486	105,814	3,378	3.19	333,313	315.00	3,590	3.39	514,752	486.47	871	0.82	22,517	21.28
NON-FEDERAL-AID	6,791	7,240	141	1.95	16,314	225.33	154	2.13	25,788	356.19	32	0.44	1,641	22.67
SUBTOTAL	74,656	235,036	3,734	1.59	369,511	157.21	3,979	1.69	573,240	243.89	973	0.41	24,704	10.51
COLLECTORS														
FEDERAL-AID URBAN	55,571	92,090	1,087	1.18	123,519	134.13	1,158	1.26	180,999	196.55	256	0.28	11,919	12.94
NON-FEDERAL-AID	22,677	11,666	222	1.90	28,113	240.98	234	2.01	40,884	350.45	45	0.39	2,013	17.26
SUBTOTAL	78,248	103,756	1,309	1.26	151,632	146.14	1,392	1.34	221,883	213.85	301	0.29	13,932	13.43
LOCALS	533,275	196,778	3,240	1.65	600,978	305.41	3,434	1.75	618,188	314.16	876	0.45	44,461	22.59
TOTAL -- ALL URBAN SYSTEMS	757,363	1,277,092	17,382	1.36	1,832,527	143.49	18,750	1.47	2,535,521	198.54	4,640	0.36	116,384	9.11
ALL SYSTEMS														
INTERSTATE	45,074	478,977	4,223	0.88	164,579	34.36	4,941	1.03	260,430	54.37	658	0.14	2,605	0.54
OTHER FEDERAL-AID PRIMARY	260,273	833,786	11,919	1.43	515,305	61.80	13,743	1.65	840,224	100.77	1,627	0.20	15,801	1.90
FEDERAL-AID URBAN	147,680	272,647	8,023	2.94	746,561	273.82	8,541	3.13	1,155,480	423.80	2,279	0.84	53,976	19.80
FEDERAL-AID SECONDARY	399,974	187,011	5,898	3.15	166,172	88.86	6,737	3.60	264,968	141.69	484	0.26	4,052	2.17
NON-FEDERAL-AID	3,027,150	375,080	9,716	2.59	908,550	242.23	10,567	2.82	1,079,205	287.73	1,420	0.38	58,729	15.66
TOTAL -- STATEWIDE	3,880,151	2,147,501	39,779	1.85	2,501,167	116.47	44,529	2.07	3,600,307	167.65	6,488	0.30	135,163	6.29

1/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS AND PEDESTRIANS WERE MADE BY FHWA BASED ON 1989 DATA REPORTED BY ARKANSAS, MISSOURI, NEW HAMPSHIRE, NEW YORK, OHIO, AND TENNESSEE.

 2/ FATAL ACCIDENT AND FATALITY NUMBERS HAVE BEEN ADJUSTED TO AGREE WITH STATE TOTALS OBTAINED FROM THE FATAL ACCIDENT REPORTING SYSTEM (FARS) AS OF JUNE 1, 1991.
 3/ PER 100 MILLION VEHICLE-MILES OF TRAVEL.

SPEED DATA ¹

IN MILES PER HOUR

BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1990

TRAVEL MONITORING DIVISION
OFFICE OF HIGHWAY INFORMATION MANAGEMENT

(OCTOBER 1989 - SEPTEMBER 1990)

TABLE VS-1
SEPTEMBER 1991

STATE	URBAN									RURAL									STATEWIDE		
	INTERSTATE			OTHER FREEMWAYS AND EXPRESSWAYS			OTHER PRINCIPAL AND MINOR ARTERIALS			INTERSTATE			OTHER PRINCIPAL AND MINOR ARTERIALS			MAJOR COLLECTORS					
	AVERAGE	MEDIAN 2/	85TH PERCENTILE 3/	AVERAGE	MEDIAN 2/	85TH PERCENTILE 3/	AVERAGE	MEDIAN 2/	85TH PERCENTILE 3/	AVERAGE	MEDIAN 2/	85TH PERCENTILE 3/	AVERAGE	MEDIAN 2/	85TH PERCENTILE 3/	AVERAGE	MEDIAN 2/	85TH PERCENTILE 3/	AVERAGE	MEDIAN 2/	85TH PERCENTILE 3/
ALABAMA	59.8	55.7	66.8	(4/)	(4/)	(4/)	55.8	56.0	62.6	(4/)	(4/)	(4/)	58.3	57.9	64.5	55.6	55.4	62.4	57.6	56.6	64.2
ALASKA	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	59.5	59.0	65.2	(4/)	(4/)	(4/)	58.1	57.7	64.8	48.5	48.1	55.3	57.5	57.1	63.9
ARIZONA	59.6	60.6	66.4	(4/)	(4/)	(4/)	61.6	67.7	(4/)	(4/)	(4/)	56.9	57.4	64.1	55.1	55.4	61.2	57.7	58.4	64.7	
ARKANSAS	59.9	59.9	67.0	(4/)	(4/)	(4/)	66.8	(4/)	(4/)	(4/)	(4/)	56.4	56.5	64.1	54.7	54.2	63.4	56.6	56.5	64.6	
CALIFORNIA	55.1	57.7	65.7	(4/)	(4/)	(4/)	58.0	59.9	66.6	(4/)	(4/)	(4/)	53.6	54.3	60.9	61.0	61.0	68.6	60.4	61.2	67.7
COLORADO	57.6	57.9	63.9	(4/)	(4/)	(4/)	54.4	55.7	62.5	(4/)	(4/)	(4/)	62.5	61.0	61.0	68.6	60.4	61.2	67.7	57.6	65.9
CONNECTICUT	60.5	60.5	68.0	(4/)	(4/)	(4/)	58.0	57.5	65.2	(4/)	(4/)	(4/)	65.2	(4/)	(4/)	62.1	61.6	68.7	60.0	59.2	66.9
DELAWARE	61.2	61.5	69.4	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	62.1	61.6	68.7	60.0	59.2	66.9	(4/)	(4/)	(4/)	60.2
DIST. OF COL.	(5/)	(5/)	(5/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
FLORIDA	60.3	60.0	66.8	(4/)	(4/)	(4/)	55.7	55.3	62.7	(4/)	(4/)	(4/)	58.6	58.1	64.6	59.1	52.4	64.6	59.3	57.5	64.1
GEORGIA	62.0	62.3	70.7	(4/)	(4/)	(4/)	58.1	58.2	64.9	(4/)	(4/)	(4/)	53.8	54.9	62.4	61.8	49.9	64.6	57.4	56.1	64.1
HAWAII	58.9	59.0	66.9	(4/)	(4/)	(4/)	64.9	53.8	54.9	(4/)	(4/)	(4/)	54.4	54.4	61.8	49.7	54.9	64.6	62.1	56.7	63.9
IDaho	57.4	57.6	63.7	(4/)	(4/)	(4/)	57.3	56.7	63.3	(4/)	(4/)	(4/)	55.6	55.3	61.8	52.5	53.4	59.3	56.9	57.8	65.2
ILLINOIS	56.4	57.2	64.5	(4/)	(4/)	(4/)	60.7	56.6	66.6	(4/)	(4/)	(4/)	61.8	61.8	68.7	52.5	53.4	59.3	56.9	57.8	65.2
INDIANA	61.5	60.2	68.4	(4/)	(4/)	(4/)	59.6	53.5	63.3	(4/)	(4/)	(4/)	55.6	56.4	61.5	55.6	56.3	63.0	55.8	56.2	62.9
IOWA	55.1	55.3	59.7	(4/)	(4/)	(4/)	66.0	53.5	53.3	(4/)	(4/)	(4/)	60.0	(4/)	(4/)	56.0	57.2	63.6	55.4	55.6	62.8
KANSAS	60.1	61.3	67.6	(4/)	(4/)	(4/)	57.0	53.5	63.6	(4/)	(4/)	(4/)	62.0	(4/)	(4/)	57.2	58.0	65.0	55.8	55.8	61.3
KENTUCKY	58.0	58.5	64.7	(4/)	(4/)	(4/)	58.8	56.8	63.6	(4/)	(4/)	(4/)	56.7	57.4	63.4	56.7	57.4	63.4	54.6	56.2	64.8
LOUISIANA	61.0	60.8	67.0	(4/)	(4/)	(4/)	56.5	51.1	52.1	(4/)	(4/)	(4/)	52.5	53.7	62.0	57.1	57.1	67.5	48.9	50.9	59.7
MAINE	58.8	59.2	66.1	(4/)	(4/)	(4/)	63.6	51.1	58.0	(4/)	(4/)	(4/)	51.8	64.3	71.8	55.5	55.8	61.8	55.0	55.4	63.5
MARYLAND	57.4	58.9	66.4	(4/)	(4/)	(4/)	53.7	54.8	61.5	(4/)	(4/)	(4/)	54.6	55.2	63.3	59.0	59.6	66.7	56.6	57.3	64.6
MASSACHUSETTS	59.5	60.0	67.8	(4/)	(4/)	(4/)	56.5	57.9	65.5	(4/)	(4/)	(4/)	57.8	58.1	64.9	56.6	57.3	64.5	(4/)	(4/)	(4/)
MICHIGAN	58.3	59.7	69.2	(4/)	(4/)	(4/)	60.8	61.2	67.5	(4/)	(4/)	(4/)	57.8	58.5	64.7	59.2	59.0	65.8	0.0	0.0	56.9
MINNESOTA	56.9	58.8	64.7	(4/)	(4/)	(4/)	59.0	65.1	65.1	(4/)	(4/)	(4/)	56.9	57.2	65.0	58.2	58.1	64.4	55.0	55.8	62.0
MISSISSIPPI	61.2	62.0	67.6	(4/)	(4/)	(4/)	65.1	56.9	57.2	(4/)	(4/)	(4/)	65.0	(4/)	(4/)	58.2	58.3	64.3	56.2	57.3	67.4
MISSOURI	57.8	58.7	65.5	(4/)	(4/)	(4/)	57.5	58.1	64.2	(4/)	(4/)	(4/)	61.4	61.9	67.9	56.8	58.1	64.9	52.6	54.7	63.1
MONTANA	58.8	59.0	65.9	(4/)	(4/)	(4/)	61.2	67.5	64.7	(4/)	(4/)	(4/)	61.4	61.9	67.9	57.8	58.2	64.3	54.7	55.5	63.2
NEBRASKA	59.5	60.0	64.5	(4/)	(4/)	(4/)	65.1	56.9	57.2	(4/)	(4/)	(4/)	65.0	(4/)	(4/)	57.5	57.6	62.2	57.8	60.6	60.5
NEVADA	58.2	58.9	65.5	(4/)	(4/)	(4/)	57.1	57.6	64.4	(4/)	(4/)	(4/)	57.2	57.2	65.0	59.0	59.6	66.7	56.6	57.3	64.6
NEW HAMPSHIRE	61.2	61.8	69.7	(4/)	(4/)	(4/)	60.4	60.9	68.2	(4/)	(4/)	(4/)	53.8	54.0	60.5	57.2	57.9	64.2	59.0	60.0	67.0
NEW JERSEY	59.1	54.4	65.9	(4/)	(4/)	(4/)	60.8	55.6	66.8	(4/)	(4/)	(4/)	58.2	57.1	63.2	55.4	57.1	63.6	56.6	55.7	63.4
NEW MEXICO	58.3	57.8	65.2	(4/)	(4/)	(4/)	46.7	48.7	45.2	(4/)	(4/)	(4/)	48.7	45.2	45.2	60.6	55.6	67.3	58.0	52.9	65.4
NEW YORK	62.3	62.1	69.4	(4/)	(4/)	(4/)	65.7	66.2	71.2	(4/)	(4/)	(4/)	62.2	62.2	69.7	64.4	63.8	71.0	53.2	53.3	59.9
NORTH CAROLINA	58.1	58.7	65.9	(4/)	(4/)	(4/)	57.2	57.9	63.3	(4/)	(4/)	(4/)	62.1	62.6	67.5	56.7	57.3	62.7	56.8	57.0	62.7
NORTH DAKOTA	56.0	56.4	62.2	(4/)	(4/)	(4/)	57.2	63.5	58.6	(4/)	(4/)	(4/)	64.4	63.8	67.1	53.2	53.3	63.0	59.9	51.5	61.8
OHIO	60.6	60.4	67.4	(4/)	(4/)	(4/)	57.7	63.6	58.6	(4/)	(4/)	(4/)	60.4	60.7	66.1	55.8	56.8	62.2	57.8	57.3	62.8
OKLAHOMA	57.4	57.0	63.0	(4/)	(4/)	(4/)	56.5	57.0	63.0	(4/)	(4/)	(4/)	62.8	62.8	68.1	56.5	57.0	63.0	56.5	57.0	63.0
OREGON	58.4	58.2	65.6	(4/)	(4/)	(4/)	58.5	56.9	65.2	(4/)	(4/)	(4/)	51.7	52.2	58.0	56.5	57.0	63.0	56.6	57.0	63.0
PENNSYLVANIA	56.5	56.8	63.2	(4/)	(4/)	(4/)	59.4	59.8	66.9	(4/)	(4/)	(4/)	50.7	51.3	57.2	54.7	54.9	62.5	55.5	55.5	64.7
RHODE ISLAND	57.6	57.7	65.1	(4/)	(4/)	(4/)	56.8	56.7	64.4	(4/)	(4/)	(4/)	50.7	51.3	57.2	54.7	54.9	62.5	52.3	52.8	61.3
SOUTH CAROLINA	59.2	59.3	64.9	(4/)	(4/)	(4/)	55.8	56.6	61.8	(4/)	(4/)	(4/)	49.1	48.0	53.0	(4/)	(4/)	59.1	59.0	64.5	53.9
SOUTH DAKOTA	52.5	52.0	57.4	(4/)	(4/)	(4/)	47.4	46.9	52.3	(4/)	(4/)	(4/)	46.9	45.9	54.7	49.3	49.9	58.0	54.8	51.7	57.3
TENNESSEE	61.8	59.7	67.4	(4/)	(4/)	(4/)	59.3	65.5	65.5	(4/)	(4/)	(4/)	52.3	52.7	58.7	60.1	59.4	65.4	57.8	57.3	63.1
TEXAS	60.6	60.0	68.9	(4/)	(4/)	(4/)	58.4	65.5	65.5	(4/)	(4/)	(4/)	63.9	63.9	69.9	(4/)	(4/)	64.3	54.1	60.0	48.0
UTAH	60.4	57.9	65.1	(4/)	(4/)	(4/)	54.7	51.2	57.3	(4/)	(4/)	(4/)	55.7	50.8	55.5	54.6	50.2	56.6	53.3	52.7	62.5
VERMONT	50.7	50.0	59.2	(4/)	(4/)	(4/)	46.9	46.9	45.9	(4/)	(4/)	(4/)	46.9	45.9	54.7	(4/)	(4/)	49.3	58.0	54.8	51.7
VIRGINIA	58.5	59.3	65.2	(4/)	(4/)	(4/)	56.7	64.4	65.4	(4/)	(4/)	(4/)	54.2	55.0	62.0	54.7	55.0	62.0	52.0	51.2	52.0
WASHINGTON	58.5	59.3	65.2	(4/)	(4/)	(4/)	56.7	64.4	65.4	(4/)	(4/)	(4/)	54.2	55.0	62.0	54.7	55.0	62.0	52.0	51.2	52.0
WEST VIRGINIA	58.8	59.1	65.6	(4/)	(4/)	(4/)	53.6	54.5	61.8	(4/)	(4/)	(4/)	53.6	54.5	61.8	52.8	54.2	61.0	50.7	50.8	61.2
WISCONSIN	59.9	60.0	65.9	(4/)	(4/)	(4/)	59.5	65.6	65.6	(4/)	(4/)	(4/)	55.7	56.4	62.3	52.8	54.2	61.0	50.7	50.8	61.2
WYOMING	61.3	61.4	69.6	(4/)	(4/)	(4/)	61.3	61.3	61.3	(4/)	(4/)	(4/)	61.3	61.3	61.3	52.8	54.2	61.0	50.7	50.8	61.2
AVERAGE	58.6	58.7	65.8				57.6	57.7	64.6				54.1	54.1	61.1	60.4	60.2	67.6	56.4	56.4	63.2

1/ SPEED DATA ARE FOR ALL VEHICLES RATHER THAN FREE FLOWING VEHICLES AS IN VS-1 TABLES PRIOR TO 1980. DATA HAVE NOT BEEN ADJUSTED FOR SPEEDOMETER OR EQUIPMENT ERRORS. DATA IN THIS TABLE ARE ONLY FOR HIGHWAYS WITH A 55 MPH SPEED LIMIT.

2/ MEDIAN SPEED IS THE SPEED AT OR BELOW WHICH 50 PERCENT OF THE VEHICLES ARE TRAVELING.

3/ 85TH PERCENTILE SPEED IS THE SPEED AT OR BELOW WHICH 85 PERCENT OF THE VEHICLES ARE

TRAVELING.

4/ NO MILEAGE IN THIS HIGHWAY CATEGORY WHERE THE 55 MPH SPEED LIMIT IS THE PRIMARY CONSTRAINT ON VEHICLE SPEEDS.

5/ WILSON BRIDGE ONLY SECTION WITH 65 MPH SPEED LIMIT. MARYLAND MONITORS NEAR BRIDGE.

SPEED DATA¹

IN PERCENT EXCEEDING INDICATED MILES-PER-HOUR INCREMENTS BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1990

TRAVEL MONITORING DIVISION
OFFICE OF HIGHWAY INFORMATION MANAGEMENT

(OCTOBER 1989 - SEPTEMBER 1990)

TABLE VS-2
SEPTEMBER 1991

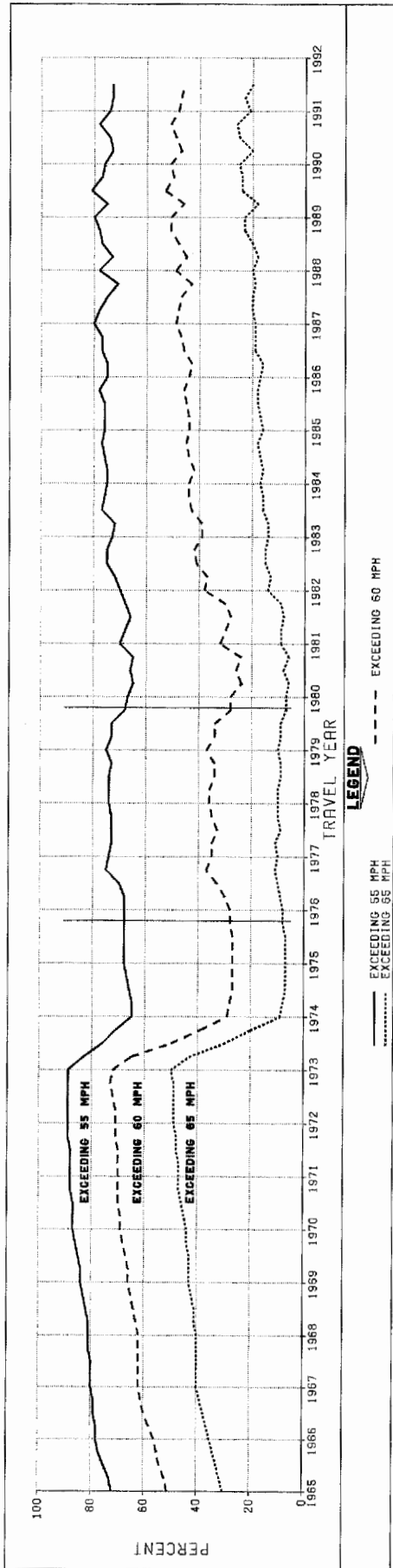
STATE	URBAN									RURAL									STATEWIDE		
	INTERSTATE			OTHER FREEWAYS AND EXPRESSWAYS			OTHER PRINCIPAL AND MINOR ARTERIALS			INTERSTATE			OTHER PRINCIPAL AND MINOR ARTERIALS			MAJOR COLLECTORS					
	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH
ALABAMA	74.2	44.9	19.8	(2/)	(2/)	(2/)	56.2	24.8	5.9	(2/)	(2/)	(2/)	70.2	35.8	12.7	52.4	22.0	7.2	64.6	32.7	11.8
ALASKA	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	74.0	43.9	15.5	(2/)	(2/)	(2/)	65.8	36.9	14.2	15.7	5.2	1.7	63.0	35.6	13.3
ARIZONA	78.1	50.1	24.1	81.6	55.1	26.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	58.5	25.7	8.1	46.4	18.8	5.4	64.7	34.5	9.3
ARKANSAS	74.3	48.9	21.0	79.1	49.9	20.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	50.9	29.4	11.1	44.4	24.2	10.3	54.0	31.9	12.9
CALIFORNIA	68.2	34.3	13.8	75.0	44.5	16.6	36.1	14.7	4.6	86.2	49.8	23.1	72.0	51.4	19.9	75.5	33.1	12.3	68.8	38.3	14.9
COLORADO	67.4	34.6	12.1	57.9	30.6	10.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.4	27.1	8.6	45.2	17.5	4.1	60.1	28.7	9.4
CONNECTICUT	76.6	52.2	25.2	63.0	37.3	15.3	(2/)	(2/)	(2/)	85.9	61.0	30.7	75.5	45.4	19.9	(2/)	(2/)	(2/)	75.4	50.3	23.8
DELAWARE	79.5	52.7	25.6	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	41.2	15.7	4.5	(2/)	(2/)	(2/)	55.3	29.4	12.3
DIST. OF COL.	(3/)	(3/)	(3/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
FLORIDA	76.5	49.9	20.5	(2/)	(2/)	(2/)	47.4	23.0	9.2	(2/)	(2/)	(2/)	70.4	37.9	12.9	34.3	11.7	3.1	62.1	33.9	12.6
GEORGIA	76.4	56.3	32.1	63.4	32.3	10.0	43.6	18.8	5.4	(2/)	(2/)	(2/)	39.6	16.6	7.9	18.3	6.6	2.3	50.0	28.6	14.6
HAWAII	64.1	37.4	16.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	26.4	8.3	2.7	21.8	8.1	3.5	47.1	24.7	10.5
IDAHO	69.4	25.5	5.9	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	52.3	6.8	1.3	44.8	30.9	11.8	52.0	13.7	4.0
ILLINOIS	62.5	33.0	12.9	62.1	25.2	8.8	51.3	20.2	5.6	(2/)	(2/)	(2/)	52.7	18.9	5.5	58.6	24.7	8.1	58.1	26.3	9.3
INDIANA	76.7	50.9	25.7	80.9	47.6	17.6	40.6	15.0	4.2	(2/)	(2/)	(2/)	66.1	30.0	9.2	53.7	24.0	8.1	62.5	31.0	11.5
IOWA	52.8	12.6	1.6	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	60.9	17.7	4.2	57.7	24.2	9.0	59.1	18.6	5.0
KANSAS	80.7	51.9	21.7	65.6	32.2	9.6	56.0	18.3	3.7	(2/)	(2/)	(2/)	59.6	25.7	8.4	49.9	28.0	12.8	61.9	31.3	11.7
KENTUCKY	68.1	32.2	9.2	55.0	23.1	7.4	38.1	17.2	8.3	(2/)	(2/)	(2/)	54.3	39.9	18.3	27.1	10.6	3.6	45.9	23.3	9.7
LOUISIANA	81.4	50.2	24.3	(2/)	(2/)	(2/)	45.4	21.5	8.3	90.8	74.5	45.2	51.0	20.6	6.7	49.9	24.8	9.6	58.2	30.0	12.7
MAINE	66.8	39.5	15.4	55.5	24.1	6.5	21.6	4.8	0.8	(2/)	(2/)	(2/)	30.5	9.5	2.5	37.6	14.0	3.5	39.5	16.2	5.2
MARYLAND	68.4	40.7	17.0	45.7	21.4	5.8	51.7	25.8	9.1	72.2	45.0	19.2	68.4	32.8	13.4	(2/)	(2/)	(2/)	62.9	36.3	14.7
MASSACHUSETTS	69.9	44.6	21.7	61.3	36.5	15.7	58.7	32.3	13.4	84.8	56.1	22.6	66.9	39.5	16.3	0.0	0.0	0.0	70.0	44.1	20.3
MICHIGAN	70.5	44.5	21.2	77.8	51.4	19.4	63.9	34.1	8.2	(2/)	(2/)	(2/)	53.3	30.2	7.6	48.4	17.3	6.0	59.5	32.6	12.1
MINNESOTA	74.5	41.8	13.6	75.5	42.6	15.5	61.9	34.2	15.0	(2/)	(2/)	(2/)	73.7	37.4	11.7	64.7	31.7	11.1	69.2	36.8	13.3
MISSISSIPPI	86.2	62.0	31.5	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	68.2	38.4	14.7	48.4	24.3	9.3	62.7	35.2	14.0
MISSOURI	67.0	34.6	11.3	67.1	29.1	7.2	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	63.3	26.9	7.3	44.9	21.0	6.6	60.9	28.3	8.4
MONTANA	69.9	37.0	14.5	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.9	28.7	9.4	28.3	14.0	8.1	54.9	26.4	9.3
NEBRASKA	75.9	39.5	11.0	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	73.3	29.1	6.9	65.9	32.4	10.9	72.3	30.8	8.0
NEVADA	68.0	37.8	12.7	60.3	29.8	8.4	35.8	12.8	3.2	63.0	29.6	7.1	74.8	44.2	17.4	48.1	17.1	3.4	64.7	34.4	13.2
NEW HAMPSHIRE	79.9	53.0	29.4	79.1	49.6	22.7	57.6	22.2	5.6	(2/)	(2/)	(2/)	67.3	23.2	7.2	59.5	22.3	6.8	64.6	32.3	13.6
NEW JERSEY	70.4	40.5	14.3	81.7	47.4	17.1	56.3	22.8	5.4	77.5	47.7	18.7	60.4	32.7	12.5	(2/)	(2/)	(2/)	71.6	40.7	14.6
NEW MEXICO	67.4	36.9	15.2	(2/)	(2/)	(2/)	7.3	2.1	0.5	(2/)	(2/)	(2/)	73.7	50.8	28.2	44.9	21.0	7.7	59.3	34.7	16.4
NEW YORK	82.5	61.2	34.2	55.8	34.9	17.3	48.7	23.8	8.1	91.3	75.4	42.4	88.5	14.3	3.6	30.3	10.0	2.6	59.9	38.1	19.0
NORTH CAROLINA	71.7	33.0	7.4	66.8	25.9	4.5	(2/)	(2/)	(2/)	90.2	61.0	24.8	63.6	25.8	5.8	49.9	15.9	3.6	61.7	25.5	6.2
NORTH DAKOTA	57.6	27.7	9.3	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.1	25.3	5.7	61.3	33.7	13.0	59.5	27.1	7.4
OHIO	81.0	46.2	18.5	66.0	23.9	8.0	58.9	34.9	11.9	78.6	48.2	20.5	50.6	20.4	5.2	38.9	25.5	7.4	61.2	32.2	11.1
OKLAHOMA	55.4	41.6	13.2	59.7	30.6	4.7	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	50.7	26.6	6.6	56.6	31.6	9.0	53.9	31.3	8.7
OREGON	65.5	37.0	15.2	71.0	39.9	13.5	24.1	6.3	1.5	(2/)	(2/)	(2/)	46.4	20.4	6.8	50.0	13.0	13.0	51.5	25.5	9.9
PENNSYLVANIA	55.4	26.6	9.4	72.8	41.3	17.3	24.1	7.0	1.6	83.1	54.2	25.2	31.5	11.5	4.0	33.8	15.7	6.8	62.5	27.7	11.6
RHODE ISLAND	59.5	31.2	11.6	53.8	26.9	9.5	(2/)	(2/)	(2/)	62.8	34.4	12.7	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	58.7	30.7	11.3
SOUTH CAROLINA	62.4	47.9	19.4	49.2	20.1	5.5	14.2	1.8	0.4	(2/)	(2/)	(2/)	59.5	45.4	17.9	36.2	18.2	6.8	53.3	35.1	13.7
SOUTH DAKOTA	33.7	9.7	1.9	(2/)	(2/)	(2/)	33.3	9.0	1.7	77.1	44.2	18.6	67.3	33.3	10.0	45.2	21.0	8.8	60.3	28.9	9.1
TENNESSEE	75.5	48.4	22.3	(2/)	(2/)	(2/)	53.5	15.3	4.5	(2/)	(2/)	(2/)	52.0	15.0	3.8	21.1	4.5	1.2	55.9	24.5	9.5
TEXAS	72.1	49.9	26.9	70.2	40.0	18.2	43.8	25.6	12.0	(2/)	(2/)	(2/)	67.9	32.8	13.1	47.9	20.6	7.4	63.1	35.5	16.6
UTAH	82.9	55.4	24.4	49.3	19.6	5.2	31.5	10.5	2.9	(2/)	(2/)	(2/)	44.8	17.2	6.3	47.0	20.7	7.1	63.9	38.8	15.5
VERMONT	26.6	11.0	4.1	(2/)	(2/)	(2/)	12.7	3.7	0.9	(2/)	(2/)	(2/)	21.9	8.0	2.4	(2/)	(2/)	(2/)	22.7	8.6	2.9
VIRGINIA	73.0	39.7	17.0	53.8	23.0	6.2	49.1	19.2	4.6	(2/)	(2/)	(2/)	49.0	18.3	5.0	29.3	11.7	3.2	50.9	22.6	7.7
WASHINGTON	75.5	38.8	11.1	73.8	34.9	7.9	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	48.2	18.1	4.3	57.2	33.7	11.4	65.5	31.0	8.4
WEST VIRGINIA	71.2	36.7	12.7	(2/)	(2/)	(2/)	36.7	16.9	4.8	(2/)	(2/)	(2/)	42.3	15.0	5.0	29.5	15.3	6.7	38.9	16.3	6.0
WISCONSIN	75.7	43.0	18.1	75.3	38.6	13.2	51.2	18.1	2.9	(2/)	(2/)	(2/)	65.7	35.7	16.6	46.1	18.3	5.3	62.3	32.2	13.4
WYOMING	81.0	55.0	27.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.2	34.2	13.7	72.0	36.3	15.1	62.9	36.0	14.6
AVERAGE	69.8	40.7	17.1	65.0	34.2	12.0	43.6	18.8	5.8	77.6	50.4	23.2	56.3	27.1	9.6	45.4	20.7	7.4	58.4	30.2	11.5

1/ SPEED DATA ARE FOR ALL VEHICLES RATHER THAN FREE FLOWING VEHICLES AS IN VS-2 TABLES PRIOR TO 1980. DATA HAVE NOT BEEN ADJUSTED FOR SPEEDOMETER OR EQUIPMENT ERRORS. DATA IN THIS TABLE ARE ONLY FOR HIGHWAYS WITH A 55 MPH SPEED LIMIT.

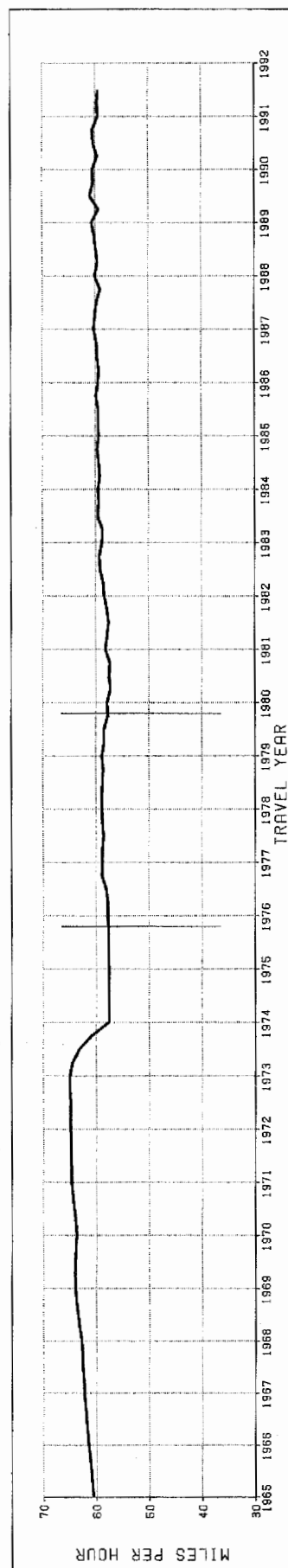
2/ NO MILEAGE IN THIS HIGHWAY CATEGORY WHERE THE 55 MPH SPEED LIMIT IS THE PRIMARY CONSTRAINT ON VEHICLE SPEEDS.
3/ WILSON BRIDGE ONLY SECTION WITH 55 MPH SPEED LIMIT. MARYLAND MONITORS NEAR BRIDGE.

SPEED TRENDS ON RURAL INTERSTATE HIGHWAYS

PERCENTAGE OF VEHICLES EXCEEDING 55, 60 AND 65 MILES PER HOUR



AVERAGE SPEED OF VEHICLES ON RURAL INTERSTATE HIGHWAYS



The data from 1965 to 1979 represent free moving traffic on level, straight, uncongested sections of the rural Interstate System. Beginning with fiscal year 1980, the data show all vehicle travel on the rural Interstate System. Between 1965 and 1975, speed trend information was collected by several State highway agencies normally during the summer months and submitted in annual speed trend reports. Since October 1975, all States have monitored speeds at locations on several highway systems, including the Interstate System, as part of the 55 miles-per-hour speed limit monitoring program. Since April 1987, most of the rural Interstate System has been exempted from the 55 m.p.h. speed limit pursuant to Public Law 100-17, section 174, dated April 2, 1987. The reported speed is for those highways which are still signed for 55 m.p.h. The data are reported to the Federal Highway Administration on a quarterly basis.

PERCENTAGE DISTRIBUTION OF AVERAGE DAILY TRAFFIC VOLUMES AND LOADINGS

ON THE RURAL INTERSTATE SYSTEM¹

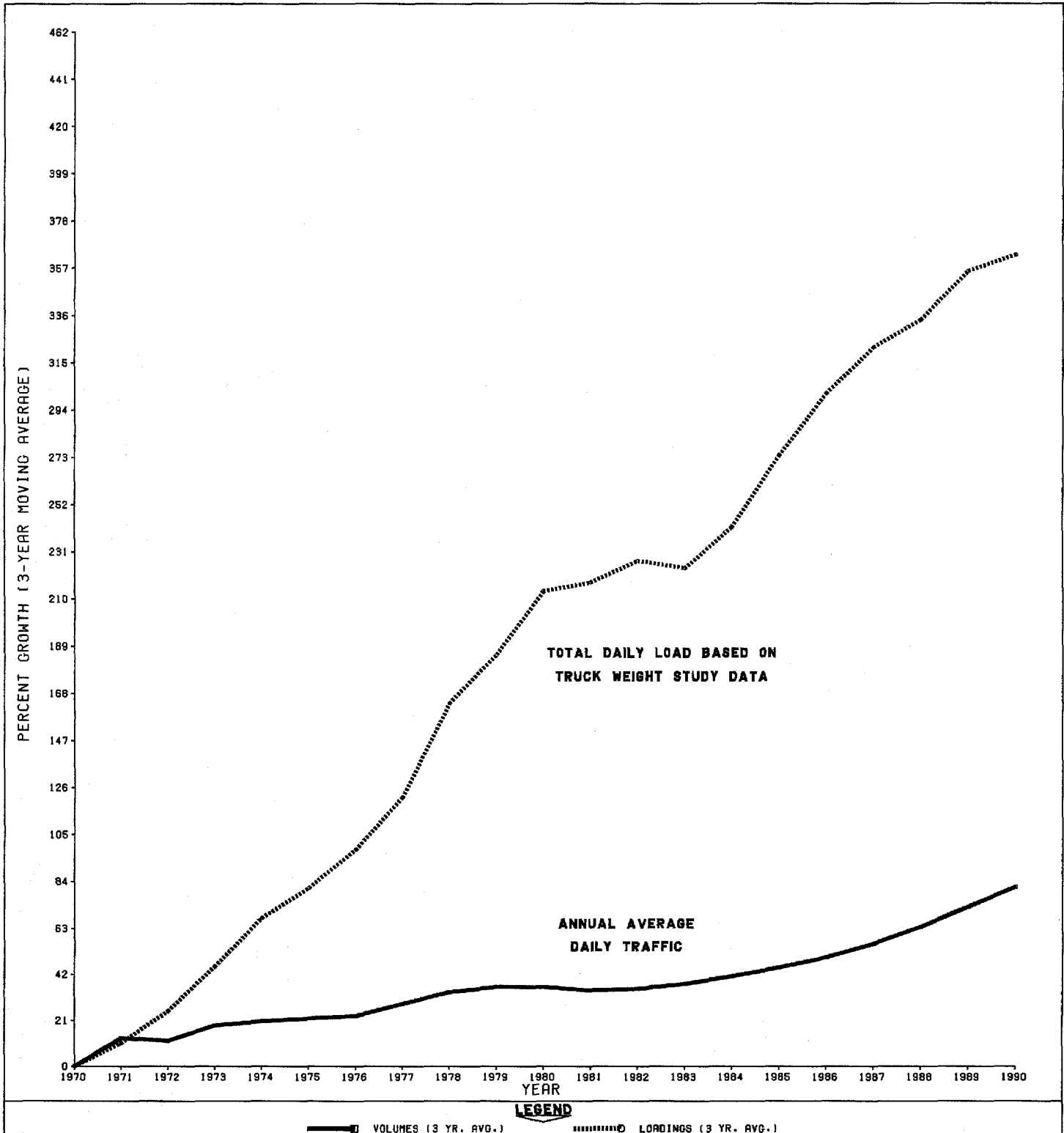
COMPILED FROM DATA SUPPLIED BY STATE
AUTHORITIES FOR THE TRUCK WEIGHT STUDY

TABLE TC-3
SEPTEMBER 1991

YEAR	PASSENGER CARS, BUSES AND LIGHT SINGLE-UNIT TRUCKS		HEAVY SINGLE-UNIT TRUCKS		3 AND 4 AXLE COMBINATION TRUCKS		5 AXLE OR MORE COMBINATION TRUCKS	
	VOLUMES	LOADINGS	VOLUMES	LOADINGS	VOLUMES	LOADINGS	VOLUMES	LOADINGS
1970	87	3	3	6	3	18	8	74
1971	87	4	3	6	2	16	8	75
1972	87	2	3	6	2	13	9	79
1973	86	2	3	6	2	11	9	81
1974	85	3	3	5	2	9	10	83
1975	85	3	3	5	2	9	11	83
1976	85	2	3	5	2	9	11	84
1977	84	3	3	5	2	6	12	87
1978	83	2	3	5	2	6	12	86
1979	82	3	3	4	2	5	13	88
1980	82	1	3	4	1	3	14	91
1981	81	2	3	3	2	4	14	91
1982	81	1	3	4	2	5	14	90
1983	81	1	3	3	2	4	15	92
1984	80	2	3	4	2	3	15	91
1985	80	1	3	3	2	4	15	92
1986	80	1	3	3	2	5	15	91
1987	80	1	3	3	2	4	15	92
1988	80	1	3	3	2	4	15	92
1989	80	1	3	3	2	4	15	92
1990	79	1	4	4	2	4	16	91

1/ THE DATA FOR EACH OF THE VEHICLE TYPES ARE FROM THE TRUCK WEIGHT STUDY. DATA FOR THE TRUCK WEIGHT STUDY ARE COLLECTED BY THE STATES FOR VARYING TIME PERIODS EACH YEAR, AND ARE NOT ADJUSTED TO TYPIFY ANNUAL AVERAGES. "AVERAGE DAILY LOAD" IS THE CUMULATIVE EQUIVALENT AXLE LOADS PER DAY. AN EQUIVALENT AXLE LOAD DEFINES THE DAMAGE PER PASS CAUSED TO A PAVEMENT BY THE VEHICLE IN QUESTION RELATIVE TO THE DAMAGE PER PASS OF A STANDARD 18,000 POUND AXLE MOVING ON THE SAME PAVEMENT.

COMPARISON OF GROWTH IN VOLUMES AND LOADINGS ON THE RURAL INTERSTATE SYSTEM



HIGHWAY STATISTICS FOR THE COMMONWEALTH OF PUERTO RICO - 1990

COMPILED FROM REPORTS
OF COMMONWEALTH AUTHORITIES

TABLE PR-1
SHEET 1 OF 2
OCTOBER 1991

MOTOR FUEL, MOTOR VEHICLES, AND DRIVER LICENSES	COMMON- WEALTH	HIGHWAY AND MASS TRANSPORTATION	COMMON- WEALTH	LOCAL AUTHORITIES
			(THOUSANDS OF DOLLARS)	
I. MOTOR-FUEL CONSUMPTION		VI. HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS		
A. COMMONWEALTH TAX RATE PER GALLON ON DECEMBER 31:		A. NET HIGHWAY-USER REVENUES:	135,823	-
1. GASOLINE	\$.16	1. MOTOR-FUEL TAXES	81,453	-
2. DIESEL AND L.P.G.	\$.08	2. MOTOR-VEHICLE AND CARRIER TAXES		-
B. NET GALLONS TAXED (1,000):		3. SUBTOTAL	197,276	-
1. AT PREVAILING RATES	895,918	B. TOLL RECEIPTS	37,558	-
2. AT OTHER RATES (AVIATION)	3,477	C. OTHER STATE TAXES	-	21,221
3. TOTAL	899,395	D. GENERAL FUND APPROPRIATION	53,647	25,143
II. MOTOR-FUEL TAX RECEIPTS (\$1,000)		E. FEDERAL HIGHWAY ADMINISTRATION FUNDS	65,420	-
A. GROSS GALLONAGE RECEIPTS (\$1,000)	138,920	F. OTHER FEDERAL FUNDS	19,305	-
B. LESS:		G. PARKING FUNDS	-	-
1. REFUNDS PAID	415	H. INTERAGENCY PAYMENTS	-	-
2. DEDICATED GASOLINE TAX (AVIATION)	70	I. PROCEEDS FROM BONDS	-	2,062
C. OTHER RECEIPTS	1,059	J. PROCEEDS FROM NOTES	-	-
D. NET TOTAL RECEIPTS	139,494	K. MISCELLANEOUS RECEIPTS	25,936	-
III. MOTOR-VEHICLE REGISTRATIONS		L. TOTAL RECEIPTS	399,142	48,426
A. AUTOMOBILES	1,321,627	M. RESERVES AT BEGINNING OF YEAR	142,926	-
B. TRUCKS	203,028	N. TOTAL FUNDS AVAILABLE	542,068	48,426
C. BUSES	2,956	VII. DISBURSEMENTS FROM HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS		
D. TOTAL	1,527,611	A. EXPENSES OF COLLECTING AND ADMINISTERING HIGHWAY-USER REVENUES	6,599	-
E. TRAILERS	9,334	B. CAPITAL OUTLAY:		
F. MOTORCYCLES	18,825	1. RURAL ARTERIAL	88,569	NA
IV. DRIVER LICENSES		2. RURAL COLLECTOR	31,888	2,438
A. LEARNER PERMITS ISSUED	74,898	3. URBAN ARTERIAL	70,926	NA
B. OPERATOR LICENSES ISSUED	278,537	4. URBAN COLLECTOR	14,330	338
C. CHAUFFER LICENSES ISSUED	80,888	5. LOCAL ROADS AND STREETS	58,172	9,471
D. MOTORCYCLE LICENSES ISSUED	40	6. SUBTOTAL	263,884	12,247
E. DRIVER LICENSES IN FORCE	1,416,022	C. MAINTENANCE	33,070	27,259
V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)		D. ADMINISTRATION	54,725	-
A. REGISTRATION FEES	61,180	E. HIGHWAY POLICE AND SAFETY	21,302	-
B. DRIVER LICENSES	4,344	F. BOND INTEREST	49,522	2,654
C. MOTOR CARRIERS	123	G. BOND RETIREMENT	32,407	3,636
D. OTHER	2,338	H. NOTE INTEREST	-	1,004
E. TOTAL	67,985	I. NOTE RETIREMENT	-	1,434
		J. MASS TRANSPORTATION	54,777	-
		K. NONHIGHWAY EXPENDITURES	-	-
		L. TOTAL DISBURSEMENTS	508,687	48,234
		M. RESERVES AT END OF YEAR	32,381	-
		N. TOTAL FUNDS ACCOUNTED FOR	542,068	48,234
		VIII. BONDED INDEBTEDNESS		
		A. AMOUNT OUTSTANDING BEGINNING OF YEAR	819,497	2/ 37,365
		B. OBLIGATIONS ISSUED (PAR VALUE)	-	2/ 2,062
		C. OBLIGATIONS REDEEMED (PAR VALUE)	32,407	2/ 5,070
		D. AMOUNT OUTSTANDING END OF YEAR	787,090	2/ 34,357

1/ DATA FOR LOCAL AUTHORITIES ARE FOR 1989.

2/ INCLUDES SHORT TERM NOTES OF \$607,000 OUTSTANDING AT THE BEGINNING OF FISCAL YEAR 1989, \$3,460,000 ISSUED, \$1,434,000 REDEEMED, AND \$2,633,000 OUTSTANDING AT THE END OF THE 1989 FISCAL YEAR.

HIGHWAY MILEAGE AND TRAVEL FOR THE COMMONWEALTH OF PUERTO RICO – 1990 BY FUNCTIONAL SYSTEM

COMPILED IN COOPERATION WITH
THE COMMONWEALTH AUTHORITIES

TABLE PR-1
SHEET 2 OF 2
SEPTEMBER 1991

ACCESS CONTROL, FEDERAL-AID SYSTEMS, LANE WIDTH AND VEHICLE-MILES	RURAL							URBAN							TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	
MILEAGE BY ACCESS CONTROL, DIVIDED HIGHWAY AND LANES 1/															
NO ACCESS CONTROL															
UNDIVIDED:															
LESS THAN 4 LANES	-	-	56	211	1,009	518	1,794	-	1	153	328	431	-	913	2,707
4 OR MORE LANES	-	-	6	-	-	-	6	-	3	17	33	24	-	77	83
DIVIDED:															
LESS THAN 4 LANES	5	-	6	-	-	-	11	9	-	8	-	-	-	17	28
4 OR MORE LANES	9	10	5	-	-	-	24	19	9	47	11	18	-	104	128
PARTIAL ACCESS CONTROL															
UNDIVIDED:															
LESS THAN 4 LANES	-	-	-	-	4	-	4	-	1	-	-	3	-	4	8
4 OR MORE LANES	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2
DIVIDED:															
LESS THAN 4 LANES	5	-	-	-	-	-	5	4	-	-	-	-	-	4	9
4 OR MORE LANES	28	2	-	-	-	-	30	47	9	21	4	-	-	81	111
FULL ACCESS CONTROL															
DIVIDED:															
LESS THAN 4 LANES	-	-	-	-	3	-	3	-	-	-	-	-	-	-	3
4 OR MORE LANES	36	11	-	-	-	-	47	36	45	1	-	-	-	82	129
TOTAL MILEAGE	83	79	228	1,016	518	-	1,924	115	68	248	377	476	-	1,264	3,208
MILEAGE BY FEDERAL-AID SYSTEM 2/															
RURAL:															
PRIMARY	83	79	228	855	-	-	390	-	-	-	-	-	-	-	390
SECONDARY	-	-	-	-	-	-	855	-	-	-	-	-	-	-	855
TOTAL RURAL FEDERAL-AID	83	79	228	855	-	-	1,245	-	-	-	-	-	-	-	1,245
URBAN:															
PRIMARY	-	-	-	-	-	-	-	115	36	162	17	-	-	330	330
URBAN	-	-	-	-	-	-	-	-	19	85	318	181	-	603	603
TOTAL URBAN FEDERAL-AID	-	-	-	-	-	-	-	115	56	247	335	181	-	934	934
NON-FEDERAL-AID	-	-	-	161	518	7,443	8,122	-	12	1	42	295	2,745	3,095	11,217
TOTAL MILEAGE	83	79	228	1,016	518	7,443	9,367	115	68	248	377	476	2,745	4,029	13,386
MILEAGE BY LANE WIDTH 1/															
8 FEET OR LESS	-	7	10	386	155	-	558	-	-	3	39	48	-	90	648
9 FEET	-	13	65	302	307	-	687	1	-	20	43	132	-	196	883
10 FEET	-	12	48	242	36	-	338	3	-	36	81	82	-	202	540
11 FEET	2	13	9	21	9	-	54	2	14	52	61	74	-	203	257
12 FEET OR MORE	81	34	96	65	11	-	287	109	54	137	153	140	-	593	880
TOTAL MILEAGE	83	79	228	1,016	518	-	1,924	115	68	248	377	476	-	1,264	3,208
VEHICLE-MILES OF TRAVEL (MILLIONS)															
VEHICLE-MILES OF TRAVEL	754	423	612	1,073	413	617	3,844	2,331	992	1,929	1,501	1,141	1,120	9,014	12,858
1/ AS EXPANDED FROM THE 1990 HPMS SAMPLE DATA, DATA ON LOCAL FUNCTIONAL SYSTEM NOT AVAILABLE.															
2/ DOES NOT INCLUDE 32 MILES OF FEDERAL-AID SECONDARY FERRYBOAT MILEAGE.															

HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS – 1990¹

COMPILED FROM REPORTS
OF TERRITORIAL AUTHORITIES

TABLE TER-1
SHEET 1 OF 2
OCTOBER 1991

MOTOR FUEL, MOTOR VEHICLES, DRIVER LICENSES AND HIGHWAY FINANCE	AMERICAN SAMOA 2/	GUAM 3/	NORTHERN MARIANAS 2/	VIRGIN ISLANDS
I. MOTOR-FUEL CONSUMPTION				
A. TERRITORIAL TAX RATE PER GALLON ON DECEMBER 31:				
1. GASOLINE	\$0.115	\$0.11	\$0.10	\$0.14
2. DIESEL AND LPG	\$0.035	NA	\$0.10	\$0.14
B. NET GALLONS TAXED (1,000)				
1. AT PREVAILING RATES	3,950	47,411	28,518	29,664
2. AT OTHER RATES	-	NA	-	-
3. TOTAL	<u>3,950</u>	<u>47,411</u>	<u>28,518</u>	<u>29,664</u>
II. MOTOR-FUEL TAX RECEIPTS (\$1,000)				
A. GROSS GALLONAGE RECEIPTS	486	NA	2,852	NA
B. LESS:				
1. REFUNDS PAID	32	NA	-	NA
2. DEDICATED GALLONAGE TAX	-	NA	-	NA
C. OTHER RECEIPTS	-	NA	-	NA
D. NET TOTAL RECEIPTS	<u>454</u>	<u>4,164</u>	<u>2,852</u>	<u>4,153</u>
III. MOTOR-VEHICLE REGISTRATIONS 4/				
A. AUTOMOBILES	4,920	52,923	16,170	32,886
B. BUSES	120	264	334	44
C. TRUCKS	163	15,490	5,268	7,245
D. TOTAL	<u>4,573</u>	<u>68,677</u>	<u>21,772</u>	<u>40,175</u>
E. TRAILERS	81	1,134	4	132
F. MOTORCYCLES	25	2,578	445	600
IV. DRIVER LICENSES				
A. LEARNER PERMITS ISSUED	312	-	356	3,732
B. OPERATOR LICENSES ISSUED	853	24,794	7,214	14,174
C. CHAUFFER LICENSES ISSUED	-	1,863	-	1,240
D. MOTORCYCLE LICENSES ISSUED	-	357	974	516
E. DRIVER LICENSES IN FORCE	9,765	5/ 70,026	5/ 11,974	NA
V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)				
A. REGISTRATION FEES	198	2,510	635	1,479
B. DRIVER LICENSES	24	107	110	239
C. MOTOR CARRIERS	3	-	-	-
D. OTHER	-	-	-	-
E. TOTAL	<u>225</u>	<u>2,617</u>	<u>745</u>	<u>1,718</u>
VI. HIGHWAY RECEIPTS (\$1,000)				
A. HIGHWAY-USER REVENUE	428	6,574	3,597	5,871
B. GENERAL FUNDS	-	-	-	-
C. FHWA FUNDS	862	2,839	980	2,056
D. OTHER FEDERAL FUNDS	57	183	-	-
E. TOTAL RECEIPTS	<u>1,347</u>	<u>9,596</u>	<u>4,577</u>	<u>7,927</u>
VII. HIGHWAY DISBURSEMENTS (\$1,000)				
A. CAPITAL OUTLAY	254	1,233	1,744	839
B. MAINTENANCE	307	2,476	222	1,163
C. ADMINISTRATION	226	828	414	884
D. HIGHWAY LAW ENFORCEMENT	378	459	900	43
E. TOTAL DISBURSEMENTS	<u>1,165</u>	<u>4,996</u>	<u>3,280</u>	<u>2,929</u>

HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS - 1990¹

TABLE TER-1
SHEET 2 OF 2
OCTOBER 1991

COMPILED FROM REPORTS
OF TERRITORIAL AUTHORITIES

MILEAGE AND TRAVEL	AMERICAN SAMOA 6/			GUAM 7/			NORTHERN MARIANAS 8/			VIRGIN ISLANDS 9/		
	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL
MILEAGE BY SURFACE TYPE												
SURFACE TYPE:												
A, B, C	7	-	7	-	13	13	41	-	41	29	3	32
D, E	6	10	16	-	140	140	34	-	34	-	-	-
F, G-1, H-1	3	15	18	-	192	192	-	-	-	258	426	684
G-2, H-2, I	102	-	102	128	-	128	56	-	56	-	-	-
UNCLASSIFIED BY SURFACE TYPE	-	-	-	-	5	5	-	176	176	-	-	-
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	287	429	716
MILEAGE BY SYSTEMS												
PRIMARY:												
RURAL	118	-	118	61	-	61	62	-	62	264	191	455
MUNICIPAL	-	-	-	61	-	61	-	-	-	12	39	51
SECONDARY:												
MUNICIPAL	-	-	-	6	225	231	69	128	197	-	-	-
RURAL COUNTY ROADS	-	25	25	-	-	-	-	-	-	11	-	11
LOCAL ROADS UNDER STATE CONTROL	-	-	-	-	125	125	-	48	48	-	135	135
OTHER	-	-	-	-	-	-	-	-	-	-	64	64
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	287	429	716
MILEAGE BY ROADWAY WIDTH												
LESS THAN 20 FEET	-	13	13	-	-	-	50	-	50	-	138	138
20-21	-	-	-	2	-	2	10	-	10	94	130	224
22-23	118	-	118	72	-	72	9	-	9	5	161	166
24-25	-	-	-	14	-	14	34	-	34	155	-	155
27-35	-	-	-	2	-	2	13	-	13	-	-	-
36-43	-	-	-	5	-	5	10	-	10	-	-	-
44-47	-	-	-	7	-	7	-	-	-	-	-	-
48 AND OVER	-	-	-	20	-	20	-	-	-	-	-	-
UNCLASSIFIED BY WIDTH	-	12	12	6	350	356	5	176	176	33	-	33
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	287	429	716
MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME												
VEHICLES PER DAY:												
LESS THAN 400	66	-	66	-	-	-	25	-	25	-	-	-
400-999	6	-	6	-	-	-	8	-	8	5	33	38
1,000-1,999	23	-	23	24	-	24	1	-	1	14	70	84
2,000-2,999	-	-	-	23	-	23	7	-	7	13	94	107
3,000-3,999	-	-	-	10	-	10	4	-	4	4	40	44
4,000-4,999	-	-	-	2	-	2	3	-	3	4	34	38
5,000-9,999	-	-	-	12	-	12	14	-	14	138	52	190
10,000-14,999	-	-	-	19	-	19	7	-	7	9	-	9
15,000-19,999	-	-	-	15	-	15	4	-	4	19	43	62
20,000-29,999	-	-	-	5	-	5	2	-	2	18	46	64
30,000-39,999	-	-	-	2	-	2	-	-	-	19	6	25
40,000 AND OVER	-	-	-	9	-	9	-	-	-	3	-	3
UNCLASSIFIED BY ADT	23	25	48	7	350	357	56	176	232	41	11	52
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	287	429	716
MILEAGE BY LANES AND ACCESS CONTROL												
2 LANES	118	25	143	80	-	80	126	-	126	251	403	654
3 LANES	-	-	-	5	-	5	5	-	5	-	-	-
ONE-WAY STREETS	-	-	-	-	-	-	-	-	-	-	26	26
UNDIVIDED 4 OR MORE LANES	-	-	-	10	-	10	-	-	-	11	-	11
DIVIDED 4 OR MORE LANES:												
NO ACCESS CONTROL	-	-	-	-	-	-	-	-	-	14	-	14
PARTIAL ACCESS CONTROL	-	-	-	-	-	-	-	-	-	-	-	-
FULL ACCESS CONTROL	-	-	-	33	-	33	-	-	-	9	-	9
UNCLASSIFIED	-	-	-	-	350	350	-	176	176	-	-	-
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	287	429	716
VEHICLE-MILES OF TRAVEL (MILLIONS)	63	8	71	529	67	596	126	33	159	368	440	806

1/ NA MEANS NOT AVAILABLE.

2/ DATA FOR AMERICAN SAMOA AND NORTHERN MARIANAS ARE FOR 1989.

3/ DATA FOR GUAM ARE FOR 1986, EXCEPT MOTOR-FUEL TAX RECEIPTS, HIGHWAY RECEIPTS, AND HIGHWAY DISBURSEMENTS WHICH ARE FOR 1984, AND OTHER LICENSES, WHICH ARE FOR 1987.

4/ PRIVATE AND COMMERCIAL VEHICLES ONLY.

5/ ESTIMATED BY FEDERAL HIGHWAY ADMINISTRATION.

6/ AMERICAN SAMOA'S AVERAGE DAILY TRAFFIC VOLUME IS ESTIMATED BASED ON 1984 INFORMATION. ALL OTHER DATA ARE FOR 1989. 118 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U.S.C. 402(C)).

7/ DATA FOR GUAM ARE FOR 1986. PUBLIC ROAD MILEAGE EQUALS 490 MILES.

8/ DATA FOR NORTHERN MARIANAS ARE FOR 1989. 167 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U.S.C. 402(C)).

9/ 684 MILES ARE CLASSIFIED AS PUBLIC ROAD MILEAGE.

NATIONWIDE PERSONAL TRANSPORTATION STUDY (NPTS)

The NPTS is a periodic national survey that provides comprehensive information on travel by the U.S. population, along with related socioeconomic characteristics of the tripmaker. The NPTS is designed to allow an analysis of travel by characteristics of the trip (e.g., length, purpose, mode), the tripmaker (e.g., age, sex, household income) and the vehicle used (e.g., model year, vehicle type, make and model). NPTS surveys were conducted in 1969, 1977, 1983, and 1990.

SPONSORSHIP

The 1990 NPTS was sponsored by a group of DOT agencies, specifically the Federal Highway Administration, Federal Railroad Administration, National Highway Traffic Safety Administration, Office of the Secretary, and the Urban Mass Transportation Administration. The survey was conducted for DOT by Research Triangle Institute, located in the Raleigh-Durham area of North Carolina.

CONTENT

Information was collected on all trips taken by each household member age 5 and older during a designated 24-hour period, known as "travel day," and on trips of 75 miles or more taken during the preceding 14-day period, known as "travel period." This trip information was expanded to annual estimates of trips and travel. The survey encompassed trips on all modes of transportation for all trip purposes and all lengths. In addition, the NPTS collected information on the demographic characteristics of household members, characteristics of household vehicles, estimates of annual driving, and highway accidents in the past 5 years.

SAMPLE DESIGN AND SURVEY METHODOLOGY

The 1990 NPTS was a national random-digit dialing sample which yielded interviews from 18,000 households throughout the United States. The sampling frame was stratified by population size of the area, region of the country, and for areas of one million or more, by presence or absence of a

subway system. The interviews were conducted from March 1990 through March 1991, with approximately 1500 households interviewed each month to balance seasonal variations in travel. The survey was conducted by telephone, using a computer-assisted telephone interview (CATI) system. The survey response rate was 84 percent, which means that of all eligible households contacted, 84 percent participated in the survey.

STATUS OF THE 1990 DATA

The tables in this chapter are based on preliminary information from the 1990 NPTS survey. At the time this publication is going to press the 1990 NPTS dataset is still being evaluated and minor revisions are being made. The continuing evaluation of the dataset and data analysis may result in some differences between the data presented here and reports from the final data.

REPORTS AND PRODUCTS

Products from the 1990 NPTS include a report entitled "Early Results," a public use tape and accompanying documentation, a summary report of survey results and a final report containing detailed survey results. The Early Results report is currently available from the Office of Highway Information Management. The public use tape and documentation are available from the Volpe National Transportation Systems Center located in Cambridge, Massachusetts.

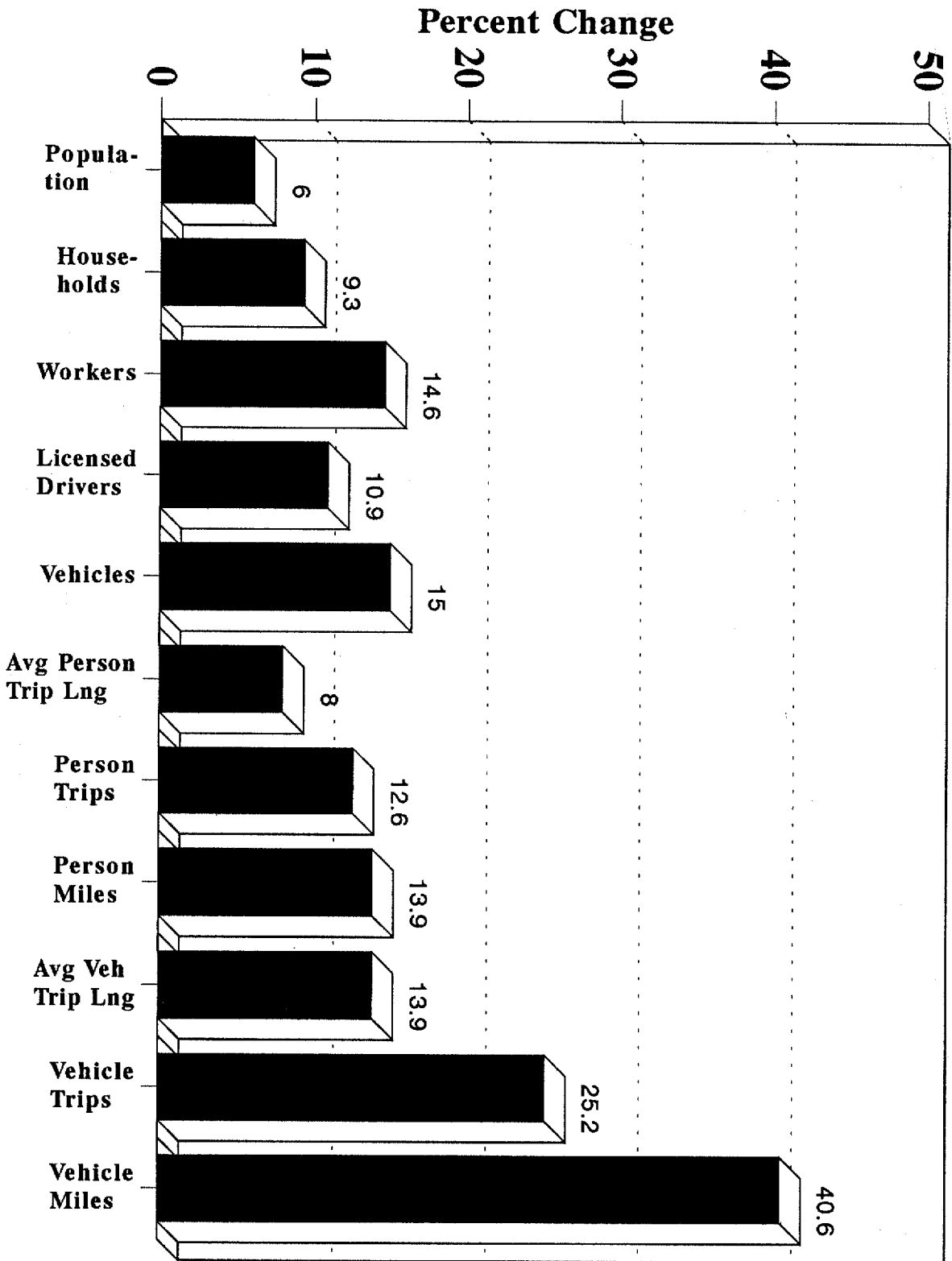
TABLES

The tables in this chapter contain data on demographic and travel changes over time, household vehicle ownership, vehicle trips and vehicle miles of travel, vehicle occupancy, and average annual miles per driver. Comparisons are made with data from previous NPTS surveys. Within the NPTS, there are differences in total travel depending on whether travel day, travel day plus travel period, or driver's annual estimate is used. To clarify which estimate is being used in any particular table, the data source is indicated at the bottom of the table.

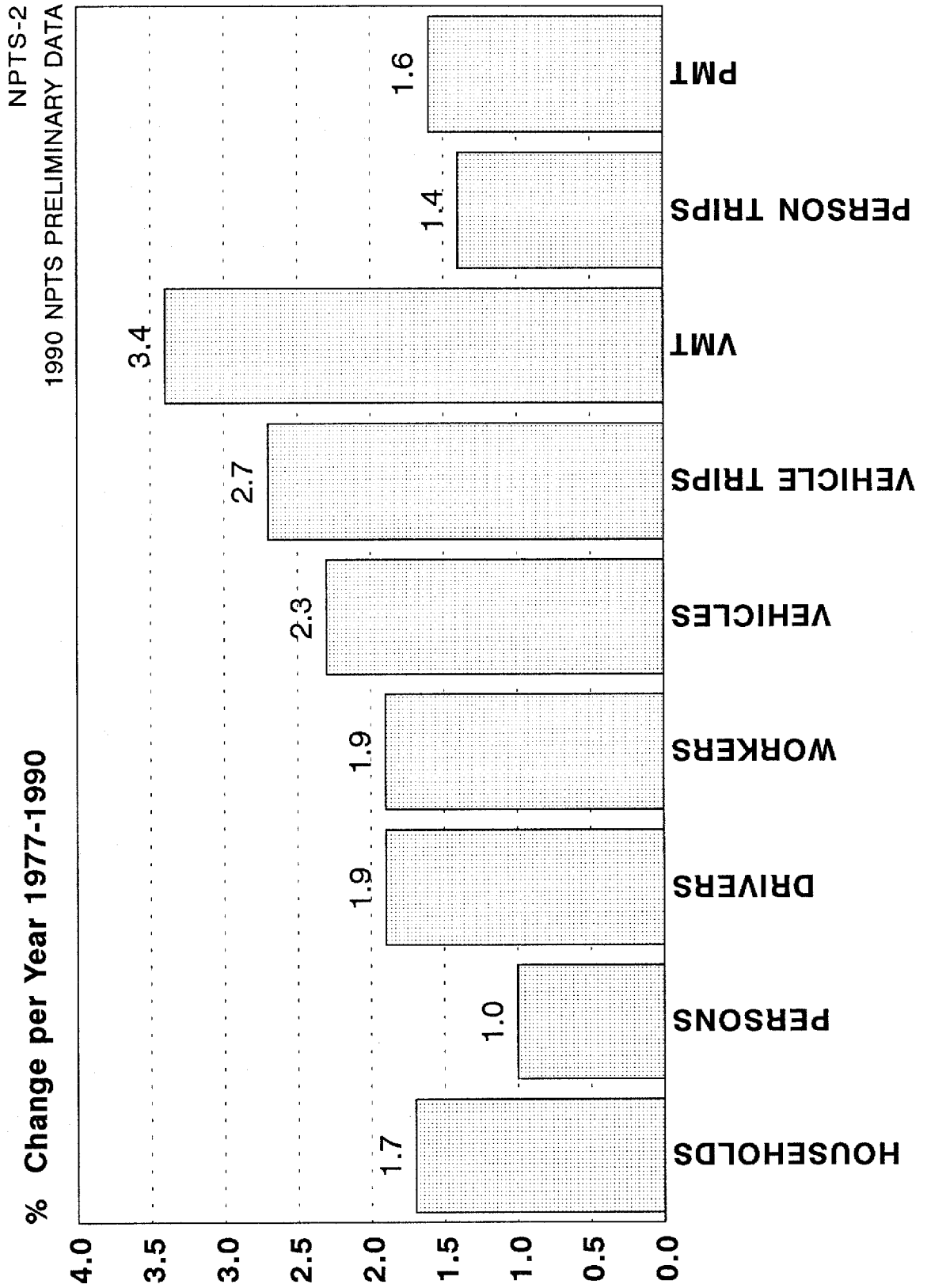
KEY INDICATORS 1983-1990

NPTS-1

1990 NPTS PRELIMINARY DATA



KEY INDICATORS COMPOUNDED ANNUAL GROWTH RATES '77-'90



SUMMARY STATISTICS

NPTS-3
1990 NPTS PRELIMINARY DATA

	1969	1977	1983	1990	Percent Change				
					1969- 1977	1977- 1983	1983- 1990	1969- 1983	1969- 1990
Households	62,504	75,412	85,371	93,347	21	13	9	37	49
Persons	197,213	213,141	229,453	243,209	8	8	6	16	23
Licensed Drivers	102,986	127,552	147,015	163,025	24	15	11	43	58
Workers	75,758	93,019	103,244	118,343	23	11	15	38	56
Vehicles ^b	72,500	120,098	143,714	165,221	66	20	15	98	128
Vehicle Trips ^{a,b}	87,284	108,826	126,874	158,858	25	17	25	45	82
Vehicle Miles of Travel ^{a,b}	775,940	907,603	1,002,139	1,409,202	17	10	41	29	82
Person Trips ^{a,c}	145,146	211,778	224,385	252,697	46	6	13	55	74
Person Miles of Travel ^{a,c}	1,404,137	1,879,215	1,946,662	2,316,455	34	4	19	39	65

Note: All numbers in thousands except where noted.

^aIn millions. Data source for trips and travel—Travel Day.

^b1969 survey includes only automobiles, station wagons, and vanbuses/minibuses as household vehicles, and the data shown above include only trips and travel made in these vehicle types.

^c1969 survey does not include walk and bicycle trips and trips made by persons under 5 years old.

HOUSEHOLD TRAVEL RATES AND DEMOGRAPHIC INDICATORS

NPTS-4

1990 NPTS PRELIMINARY DATA

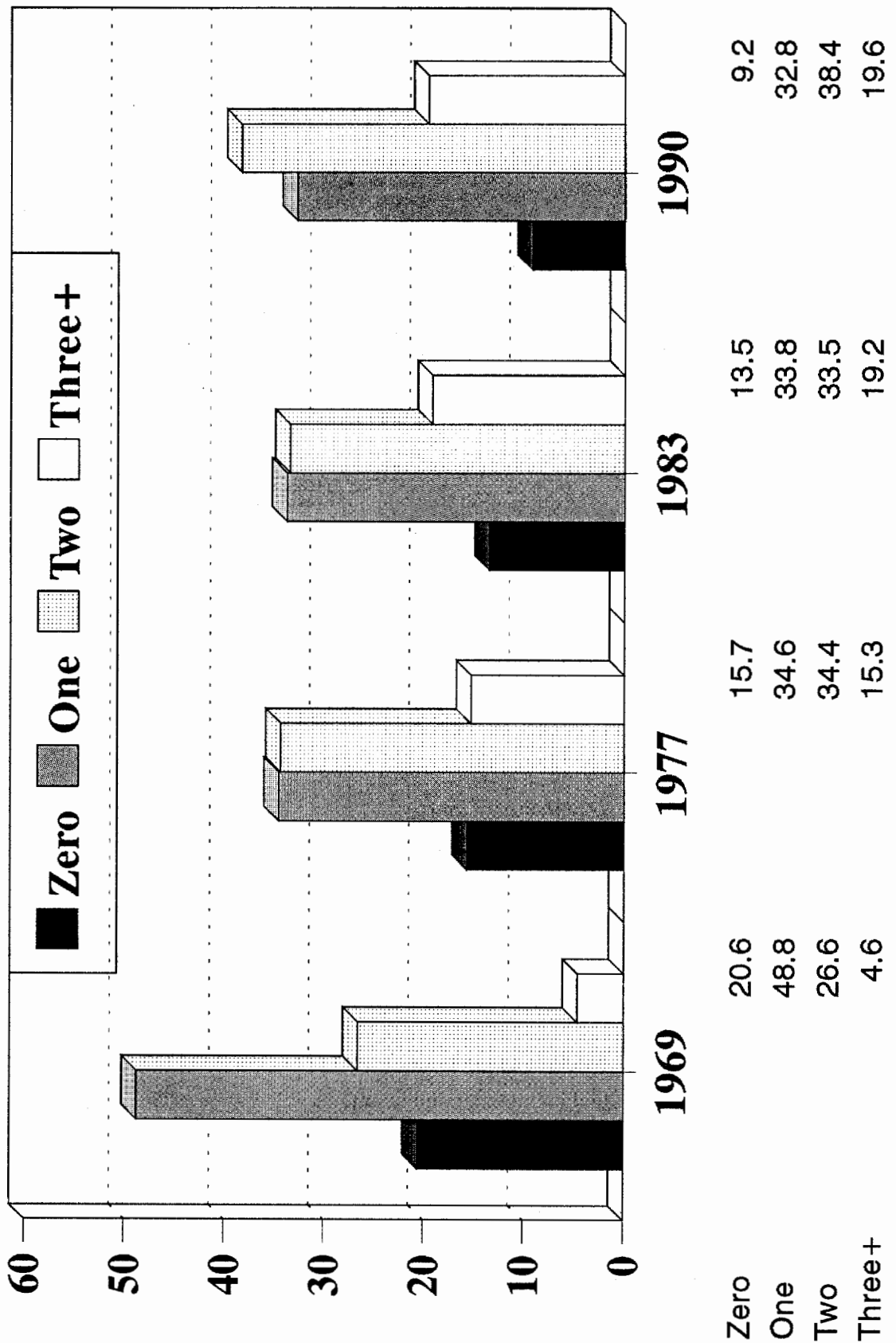
RATE*	1969**	1977	1983	1990
Annual Vehicle Trips Per Household	1,396	1,443	1,486	1,702
Annual VMT Per Household	12,414	12,035	11,739	15,096
Annual Person Trips Per Household	2,322	2,808	2,628	2,707
Annual Person Miles Per Household	22,465	24,919	22,802	24,816
Persons Per Household	3.2	2.8	2.7	2.6
Drivers Per Household	1.6	1.7	1.7	1.7
Vehicles Per Household	1.2	1.6	1.7	1.8
Workers Per Household	1.2	1.2	1.2	1.3

* Travel rates are from travel day data only.

** In the '69 survey, only auto and van trips were collected as private vehicle trips. In '77, '83, and '90 surveys, the definition of private vehicle was expanded to include pickups and other light trucks, recreational vehicles, motorcycles and mopeds.

PERCENT OF HOUSEHOLDS BY NUMBER OF VEHICLES OWNED OR AVAILABLE

NPTS-5
1990 NPTS PRELIMINARY DATA



HOUSEHOLDS BY INCOME AND NUMBER OF VEHICLES

NPTS-6
1990 NPTS PRELIMINARY DATA

Vehicles Owned	Under \$10,000	\$10,000– \$19,999	\$20,000– \$39,999	\$40,000– And Over	Income Not Available*	All
Distributed Within Income Group						
None	30.3	11.6	3.5	1.5	--	9.2
One	50.1	51.6	35.4	13.7	--	32.8
Two	15.6	27.7	43.6	50.8	--	38.4
Three+	4.0	9.1	17.6	34.0	--	19.6
All	100.0	100.0	100.0	100.0	--	100.0
Distributed Within Number of Vehicles Group						
None	32.7	17.7	9.6	3.7	36.3	100.0
One	15.1	21.9	27.3	9.7	26.0	100.0
Two	4.0	10.0	28.7	30.7	26.6	100.0
Three+	2.0	6.5	22.8	40.5	28.2	100.0
All	9.9	13.9	25.3	23.3	27.6	100.0

* 27.6 percent of all households did not report an annual income category

1990 -- 93,347,000 households

VEHICLE TRIPS BY PURPOSE

NPTS-7
1990 NPTS PRELIMINARY DATA

PURPOSES	1969 Auto Only	1977	1983	1990
Work	31.9%	29.3%	27.8%	26.1%
Work related Business	4.3%	5.3%	2.9%	1.8%
Shopping	15.2%	18.6%	20.0%	20.2%
School/Church	9.3%	7.3%	5.9%	5.3%
Doctor/Dentist	1.8%	1.5%	1.2%	1.1%
Other Personal Business	14.0%	14.9%	18.3%	24.1%
Vacation	0.1%	0.1%	0.2%	0.1%
Visit Friends/Relatives	8.9%	9.3%	9.9%	8.8%
Pleasure Driving	1.4%	0.5%	0.4%	0.3%
Other Social/Recreational	12.0%	12.3%	12.1%	11.2%
Other	1.1%	0.9%	1.3%	1.0%
All Purposes	100.0%	100.0%	100.0%	100.0%

Data Source -- Travel Day

- 1969 - 87,284 million vehicle trips
- 1977 - 108,826 million vehicle trips
- 1983 - 126,874 million vehicle trips
- 1990 - 158,858 million vehicle trips

VEHICLE MILES OF TRAVEL (VMT) BY PURPOSE

NPTS-8
1990 NPTS PRELIMINARY DATA

PURPOSES	1969 Auto Only	1977	1983	1990
Work	33.7%	31.7%	30.1%	32.8%
Work related Business	7.9%	7.6%	4.2%	2.8%
Shopping	7.5%	11.1%	13.4%	11.9%
School/Church	4.9%	5.2%	4.1%	4.5%
Doctor/Dentist	1.6%	1.8%	1.5%	1.3%
Other Personal Business	10.2%	12.0%	15.5%	20.1%
Vacation	2.5%	0.6%	2.1%	0.8%
Visit Friends/Relatives	12.1%	12.1%	13.5%	11.4%
Pleasure Driving	3.1%	0.9%	1.1%	0.6%
Other Social/Recreational	15.3%	13.7%	13.3%	13.0%
Other	1.2%	3.3%	1.2%	0.8%
All Purposes	100.0%	100.0%	100.0%	100.0%

Data Source— — Travel Day

1969 — 775,940 million vehicle miles

1977 — 907,603 million vehicle miles

1983 — 1,002,139 million vehicle miles

1990 — 1,409,202 million vehicle miles

AVERAGE VEHICLE TRIP LENGTH IN MILES BY PURPOSE

NPTS-9
1990 NPTS PRELIMINARY DATA

PURPOSES	1969 Auto Only	1977	1983	1990
Work	9.4	9.2	8.6	10.9
Work related Business	16.1	11.9	11.3	14.0
Shopping	4.4	4.9	5.3	5.1
School/Church	4.7	6.1	5.5	7.4
Doctor/Dentist	8.4	10.8	9.8	10.5
Other Personal Business	6.5	6.7	6.5	7.2
Vacation	160.0	95.4	113.0	80.0
Visit Friends/Relatives	12.0	11.2	10.7	11.3
Pleasure Driving	20.0	15.7	19.7	20.9
Other Social/Recreational	11.4	9.1	8.7	10.1
Other	9.4	9.8	7.2	10.7
All Purposes	8.9	8.3	7.9	9.0

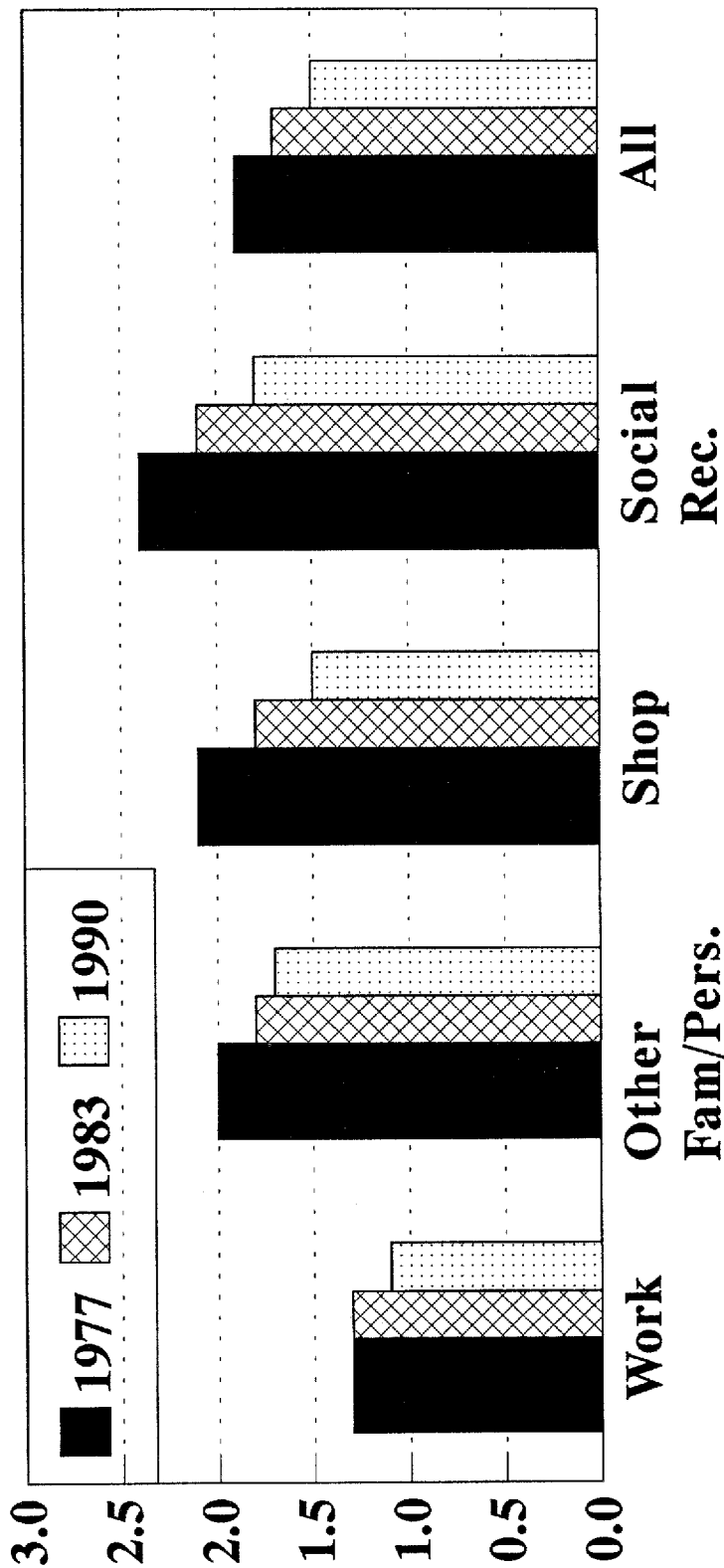
Data Source--Travel Day

CHANGES IN VEHICLE OCCUPANCY OVER TIME

NPTS-10

1990 NPTS PRELIMINARY DATA

Person Miles Per Vehicle Mile



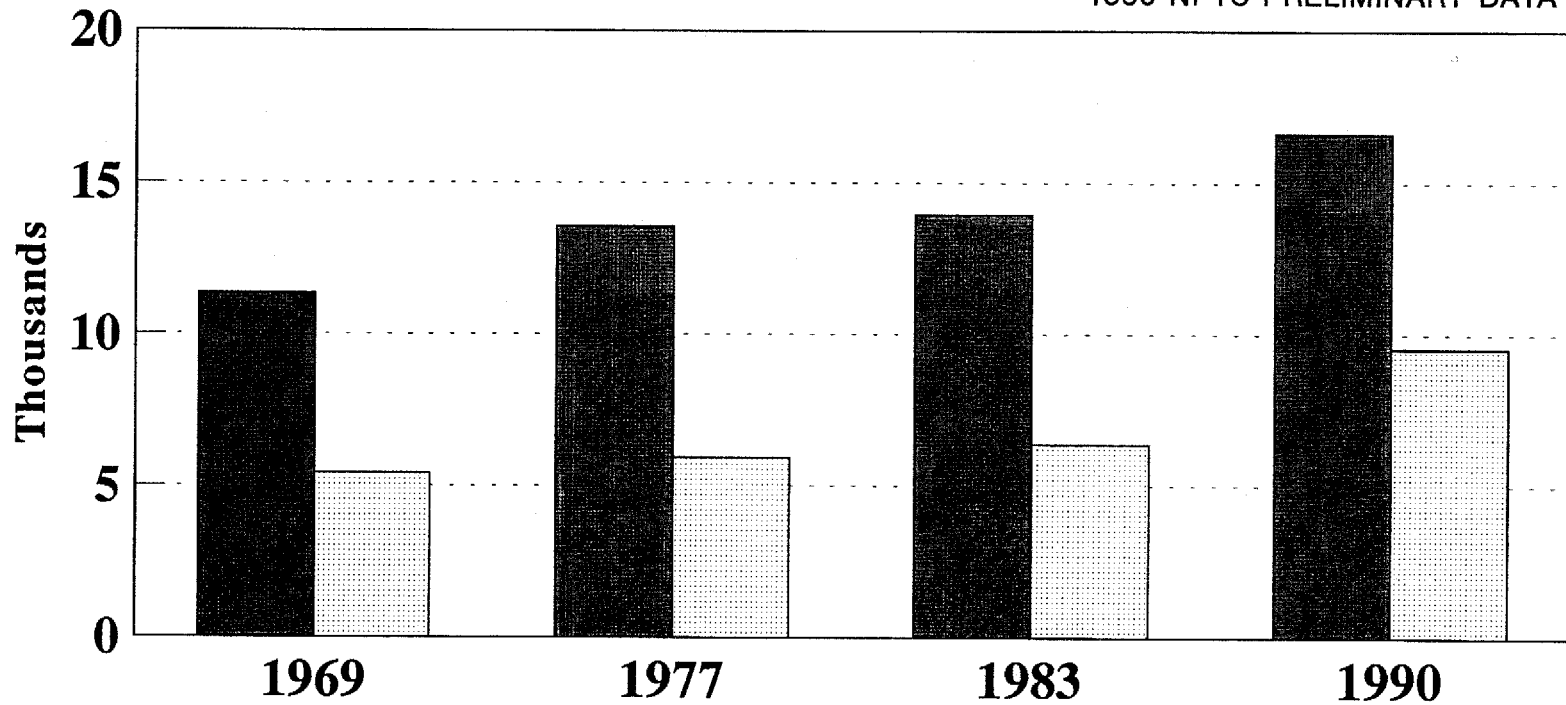
1977	1.3	2.0	2.1	2.4	1.9
1983	1.3	1.8	1.8	2.1	1.7
1990	1.1	1.7	1.5	1.8	1.5

Data Source--Travel Day

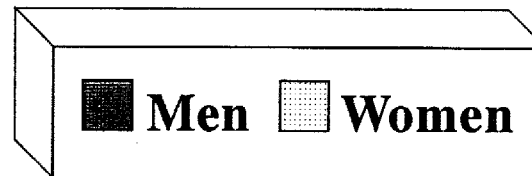
AVERAGE ANNUAL MILES PER DRIVER

NPTS-11

1990 NPTS PRELIMINARY DATA



Men	11,352	13,563	13,962	16,632
Women	5,411	5,943	6,381	9,543



Data Source--Driver's Annual Estimate

AVERAGE ANNUAL MILES BY DRIVER AGE

NPTS-12

1990 NPTS PRELIMINARY DATA

AGE	1969	1977	1983	1990	1990 MALE	1990 FEMALE
16 - 19	4,633	5,662	4,985	8,485	9,543	7,387
20 - 24	8,260	10,260	10,339	14,250	16,784	11,807
25 - 29	9,814	11,337	11,810	14,961	18,517	11,191
30 - 34	10,274	11,726	12,126	15,230	19,592	10,785
35 - 39	9,878	12,244	12,662	15,446	19,298	11,437
40 - 44	9,833	11,898	13,015	15,280	19,396	11,021
45 - 49	9,875	11,043	11,805	14,675	18,836	9,956
50 - 54	9,447	10,887	10,936	13,563	18,081	8,693
55 - 59	9,009	10,165	9,443	12,595	17,027	7,681
60 - 64	8,112	8,002	8,568	10,198	13,308	6,706
65 - 69	5,850	6,277	6,804	8,290	10,432	5,885
70 and Over	4,644	4,828	4,348	6,264	8,298	3,976
All Ages	8,685	10,006	10,588	13,181	16,632	9,543
Male	11,352	13,397	13,962	16,632		
Female	5,411	5,940	6,381	9,543		

Data Source--Driver's Annual Estimate



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VEHICLES, DRIVERS AND FUELS

Motor Fuel

Motor Vehicle

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Summary for All Units of Government

Federal Highway Finance

State Highway Finance

Local Road and Street Finance

ROADWAY EXTENT CHARACTERISTICS, AND PERFORMANCE

National Summaries

Federal-Aid Mileage

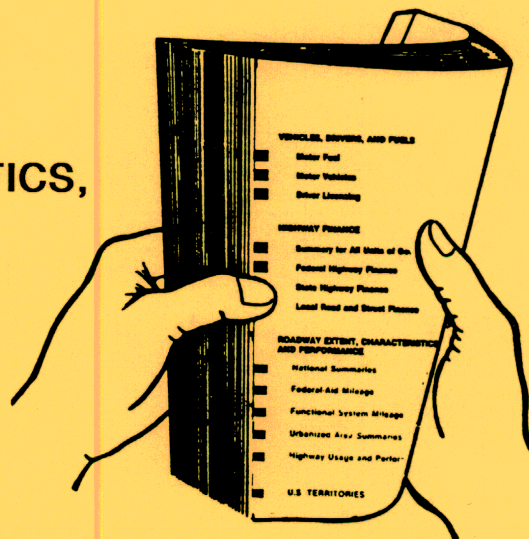
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