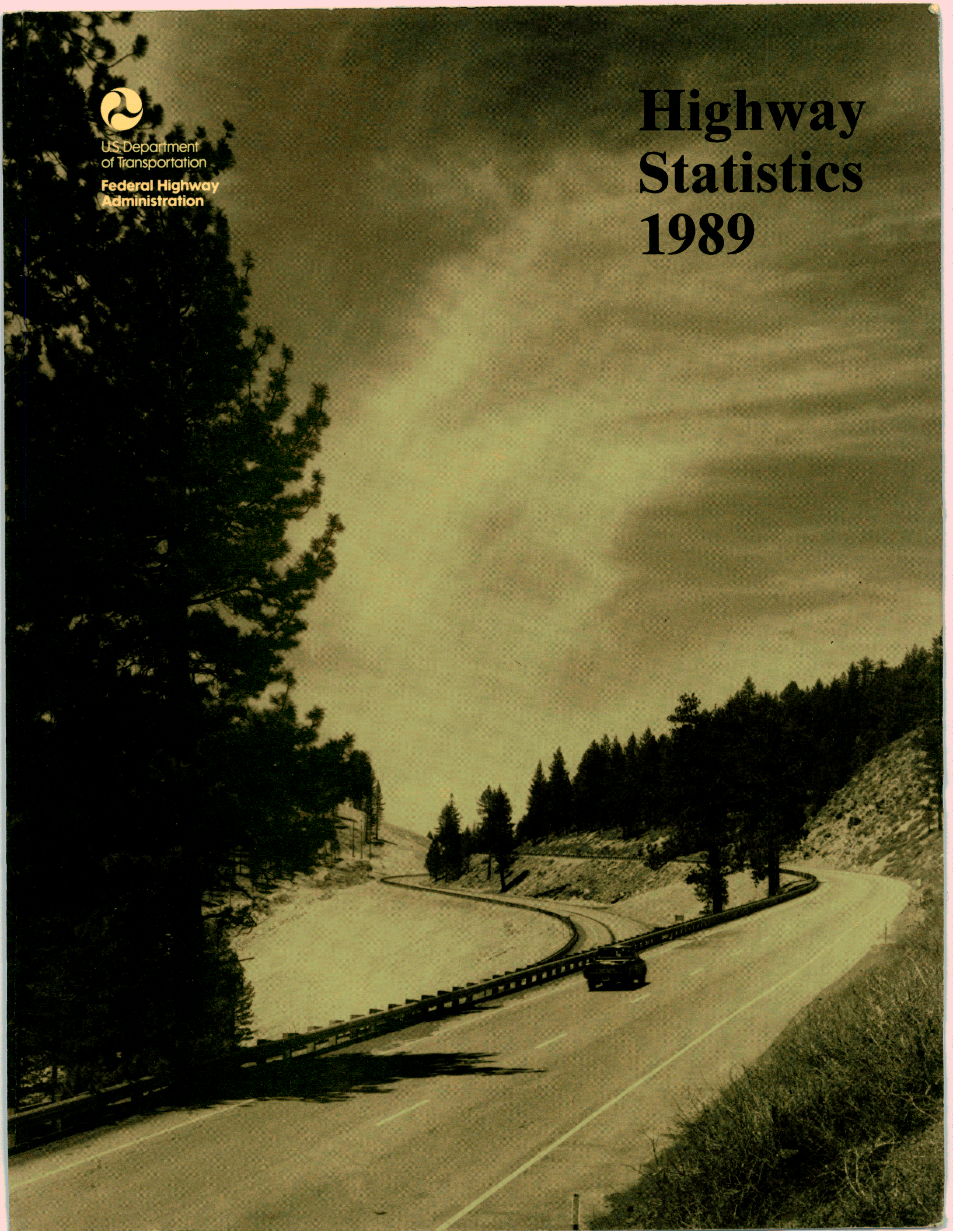




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**Federal Highway
Administration**

Highway Statistics 1989



COVER PHOTOGRAPH

Route 395 through the Inyo National Forest in Mono County, California



U.S. Department
of Transportation

**Federal Highway
Administration**

Highway Statistics 1989

**Thomas D. Larson
Federal Highway Administrator**

Preface

This publication was prepared by the Office of Highway Information Management, Federal Highway Administration. The 45th of an annual series, it presents the 1989 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 1988 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, 1988	050-001-00310-4	\$10.00

The annual Highway Statistics for years 1969-1988, 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

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

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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; and the sixth section gives statistics for the U.S. Territories and the Commonwealth of Puerto Rico.

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 8 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 1989, eleven States reported higher tax rates on diesel fuel than on gasoline and five States reported lower rates.

As of December 31, 1989 State gasoline tax rates ranged from 7.5 to 22.3 cents per gallon with a majority of the States charging 15 cents or more per gallon. Tax rates in effect for 1989 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 allow-

ances 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 1989 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.

MOTOR-FUEL GALLONAGE TAXED - 1989¹

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

(THOUSANDS OF GALLONS)

TABLE MF-2
SEPTEMBER 1990

STATE	GROSS GALLONS REPORTED 2/	GALLONS EXEMPTED FROM PAYMENT OF TAX 3/	GROSS GALLONS ASSESSED FOR TAXATION	GALLONS SUBJECT TO REFUND OF ENTIRE TAX	NET TOTAL GALLONS	NET AMOUNT TAXED									AT OTHER RATES 6/
						AT PREVAILING RATES									
						GASOLINE			SPECIAL FUELS			ALL MOTOR FUELS			
						TAX RATE ON DEC. 31 IN CENTS PER GALLON 4/	NUMBER OF GALLONS	PERCENT CHANGE 1988	TAX RATE ON DEC. 31 IN CENTS PER GALLON 4/ 5/	NUMBER OF GALLONS	PERCENT CHANGE 1989	NUMBER OF GALLONS 1989	NUMBER OF GALLONS 1988	PERCENT CHANGE 1989	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
ALABAMA	2,667,919	6,243	2,661,676	-	2,661,676	13	2,109,474	2.4	14 & 12	546,810	12.2	2,656,284	2,546,311	4.3	6,392
ALASKA	297,489	9,826	287,663	1,298	286,366	8	199,924	-3.7	8 & 0	57,919	33.7	257,643	250,893	2.8	28,523
ARIZONA	2,069,934	-	2,069,934	11,810	2,068,124	17	1,732,742	2.1	17	325,382	7.1	2,058,124	2,001,638	2.8	-
ARKANSAS	1,681,237	18,549	1,644,588	-	1,644,688	13.5	1,251,262	0.8	12.5 & 11.6	386,237	-1.2	1,697,499	1,630,506	0.4	7,189
CALIFORNIA	15,277,018	1,284	15,275,734	35,637	15,240,117	9	13,373,146	4.0	9 & 6	1,733,820	4.0	15,106,966	14,530,649	4.0	133,161
COLORADO	1,723,165	42,666	1,680,499	21,819	1,658,680	20	1,470,964	-1.2	20.5	187,716	-1.9	1,658,880	1,679,900	-1.3	-
CONNECTICUT	1,630,791	32,716	1,598,075	6,774	1,599,299	20	1,346,846	-0.7	20	241,140	18.7	1,587,986	1,559,165	1.8	1,313
DELAWARE	424,218	5,846	418,373	1,297	417,076	16	342,110	0.8	16	74,966	33.6	417,076	398,212	5.3	-
DIST. OF COL.	208,011	31,466	174,555	-	174,555	18	168,189	-3.5	18	6,366	-6.9	174,555	181,139	-3.6	-
FLORIDA	7,034,488	7,512	7,017,135	-	7,017,135	9.7	6,080,004	3.1	9.7 & 4	847,537	9.8	6,927,541	6,666,490	3.9	89,534
GEORGIA	4,421,809	-	4,421,327	671	4,420,656	7.5	3,564,724	1.1	7.5	847,933	0.7	4,412,657	4,367,824	1.0	7,989
HAWAII	415,922	7,769	408,153	-	408,153	11	371,415	4.3	11 & 7	24,587	6.9	398,002	379,057	4.5	12,151
IDAHO	608,382	4,899	603,483	9,598	593,885	16	473,287	2.0	18	118,634	17.6	591,921	564,794	4.8	1,964
ILLINOIS	6,082,774	106,565	5,956,119	59,037	5,897,082	16	4,827,969	1.3	18.5 & 16	1,069,113	30.2	5,897,082	5,686,792	5.6	-
INDIANA	3,411,726	42,436	3,369,290	-	3,361,036	18	2,617,254	-3.1	16	736,629	15.7	3,361,036	3,333,440	0.5	-
IOWA	1,762,676	38,676	1,724,001	31,368	1,692,633	20	1,336,042	2.4	22.5 & 20	352,924	4.1	1,688,966	1,644,126	2.7	3,667
KANSAS	1,602,748	23,296	1,578,753	21,542	1,557,211	15	1,248,684	-1.9	17 & 14	308,517	1.9	1,557,211	1,576,691	-1.2	-
KENTUCKY 2/	2,377,326	7,593	2,369,733	-	2,369,733	15	1,836,513	-0.7	12 & 14	516,437	3.4	2,350,960	2,347,589	0.1	17,351
LOUISIANA	2,389,322	10,293	2,379,029	85,661	2,293,368	16	1,918,523	-2.7	16	374,845	0.1	2,293,968	2,347,079	-2.3	-
MAINE	751,219	7,829	743,390	5,189	738,401	17	612,269	-1.3	20	123,581	6.0	735,850	736,764	-0.1	2,551
MARYLAND	2,545,191	25,489	2,519,702	11,935	2,507,767	18.5	2,117,368	2.5	18.5	387,346	17.4	2,504,714	2,395,137	4.6	3,053
MASSACHUSETTS	2,776,460	32,367	2,744,093	8,088	2,736,005	15	2,483,111	-0.3	11 & 4.5	252,894	-12.8	2,736,995	2,786,163	-2.1	-
MICHIGAN	4,912,395	128,482	4,783,913	28,861	4,755,052	15	4,207,874	-0.3	15	536,469	0.5	4,743,343	4,751,323	-0.2	11,709
MINNESOTA	2,437,912	93,706	2,344,206	10,166	2,334,050	20	1,992,592	0.5	20	395,550	-0.1	2,328,142	2,318,469	0.4	5,908
MISSISSIPPI	1,579,477	13,266	1,566,211	-	1,566,211	18	1,243,213	-0.5	18 & 17	321,181	-0.5	1,564,404	1,571,714	-0.5	1,807
MISSOURI	3,407,660	35,092	3,372,568	47,758	3,324,810	11	2,675,534	-0.7	11	649,276	19.7	3,324,810	3,236,702	2.8	8,000
MONTANA	564,937	-	564,937	19,637	545,300	20	420,852	-0.8	20 & 0	120,517	3.0	541,769	541,809	0.0	3,531
NEBRASKA	1,011,582	12,224	999,358	181	999,177	22	788,710	0.1	22	210,467	3.4	999,177	991,288	0.8	-
NEVADA	763,225	6,332	756,893	5,298	751,594	18	620,382	4.7	20 & 11.72	131,212	10.9	750,340	709,476	5.8	1,254
NEW HAMPSHIRE	587,320	7,895	579,425	3,630	575,795	14	515,329	1.3	14	80,286	2.5	576,595	567,718	1.4	-
NEW JERSEY	3,988,523	54,443	3,934,080	6,060	3,927,020	10.5	3,471,661	1.3	19.5 & 5.25	455,359	-12.6	3,927,020	3,947,102	-0.5	-
NEW MEXICO	1,028,922	15,730	1,013,192	2,803	1,010,389	16	802,034	-1.1	16	206,355	0.5	1,010,389	1,018,046	-0.8	-
NEW YORK	6,477,728	154,113	6,323,615	47,648	6,275,967	8	5,554,988	1.2	10 & 8	655,951	-3.9	6,210,939	6,172,401	0.6	85,028
NORTH CAROLINA	3,991,269	58,492	3,932,767	1,204	3,931,563	20.9	3,252,211	-0.1	20.9	621,760	0.1	3,931,563	3,877,806	0.5	57,552
NORTH DAKOTA	454,887	2,733	452,154	848	451,106	17	325,257	-0.4	17	93,428	1.3	419,685	419,758	0.0	31,421
OHIO	6,027,823	85,329	5,942,494	101,951	5,860,543	18	4,857,543	2.2	18	985,459	12.2	5,842,862	5,630,083	3.8	17,681
OKLAHOMA	2,114,240	99,721	2,014,519	-	2,014,519	15	1,617,448	1.1	13 & 16	377,929	0.1	1,995,377	1,977,593	0.9	19,142
OREGON 8/	1,881,802	273,625	1,408,277	7,926	1,400,351	16	1,356,450	0.4	16	42,010	3.0	1,397,460	1,391,047	0.5	2,891
PENNSYLVANIA	5,636,727	114,262	5,522,465	19,806	5,502,659	12	4,569,432	-0.8	12	926,706	-1.4	5,496,138	5,544,717	-0.9	6,521
RHODE ISLAND	436,408	7,389	431,019	522	430,497	20	375,241	-3.4	20	61,256	21.6	430,497	434,579	-0.9	-
SOUTH CAROLINA	2,135,311	9,434	2,125,877	704	2,125,173	16	1,818,977	0.6	16	306,196	-2.6	2,125,173	2,122,292	0.1	-
SOUTH DAKOTA	491,890	6,765	485,125	27,030	458,095	18	360,101	1.3	18 & 16	93,786	-2.0	463,867	451,249	0.6	4,228
TENNESSEE	3,222,941	33,117	3,189,824	84,047	3,125,777	21	2,538,380	5.2	18 & 14	590,190	1.5	3,125,670	2,992,840	4.4	2,07
TEXAS	9,963,392	68,317	9,895,075	18,231	9,876,844	15	8,445,336	-4.0	15	1,400,372	6.2	9,845,710	10,113,653	-2.6	31,134
UTAH	877,746	25,856	851,889	4,760	847,139	19	720,473	0.8	19	126,666	-16.1	847,139	865,659	-2.1	-
VERMONT	330,795	2,673	328,022	-	328,022	15	281,318	-2.4	16 & 0	46,744	1.5	328,022	334,311	-1.9	-
VIRGINIA 2/	3,618,718	65,443	3,549,275	16,281	3,532,994	17.7	2,953,720	7.8	16 & 2	676,651	0.1	3,530,371	3,507,985	0.6	2,623
WASHINGTON	2,680,790	29,737	2,651,053	26,903	2,624,150	17	2,284,069	7.8	18 & 0	353,047	5.6	2,617,116	2,434,923	7.5	7,034
WEST VIRGINIA	1,017,404	4,485	1,012,909	2,159	1,010,750	15.5	827,670	-0.9	15.5	183,060	-2.7	1,010,720	1,023,488	-1.2	30
WISCONSIN	2,580,213	24,205	2,556,008	19,475	2,536,533	20.8	2,081,385	0.4	20.8	455,090	7.3	2,536,475	2,497,070	1.8	-
WYOMING	492,537	9/ 4,850	487,687	11,054	476,633	9	305,572	1.9	9 & 0	169,822	10.8	475,394	453,086	4.8	1,439
TOTAL	136,632,330	1,893,959	134,738,371	827,502	133,910,869	10/ 14.19	112,722,697	0.8	10/ 14.76	20,602,224	5.0	133,324,921	131,413,254	1.5	585,948
PERCENTAGE	100.00	1.39	98.61	0.60	98.01	-	82.50	-	-	15.08	-	97.58	-	-	0.43

Highway Statistics, 1989

1/ THIS TABLE INCLUDES DATA ON ALL MOTOR FUELS SUBJECT TO STATE MOTOR-FUEL TAXES EXCEPT SPECIAL FUELS (FUELS OTHER THAN GASOLINE AND GASOHOL) USED FOR NONHIGHWAY PURPOSES. IT IS NOT INTENDED TO REFLECT THE AMOUNT OF FUEL USED ON HIGHWAYS. FOR SOME STATES, DATA ARE NOT COMPARABLE TO PRIOR YEARS DUE TO CHANGES IN DATA ANALYSIS AND/OR IMPROVEMENTS IN REPORTING PROCEDURES.
 2/ EXPORT SALES AND OTHER AMOUNTS NOT CONSUMED AS MOTOR FUEL IN STATE HAVE BEEN EXCLUDED WHEREVER POSSIBLE.
 3/ INCLUDES FEDERAL USE, OTHER PUBLIC USE, CERTAIN TRANSIT USE, NONHIGHWAY USE WHERE INITIAL EXEMPTIONS RATHER THAN REFUNDS ARE MADE, AND ALLOWANCES FOR EVAPORATION AND OTHER LOSSES. THE MAXIMUM ALLOWANCE USED IN THE ANALYSIS TO COVER LOSSES IN STORAGE AND HANDLING WAS 1 PERCENT.
 4/ FOR TAX RATES AS OF JANUARY 1, 1989, AND FOR RATE CHANGES DURING THE YEAR, SEE TABLE MF-121T.
 5/ STATES WITH VARIABLE RATES ARE ALSO IDENTIFIED IN TABLE MF-121T.
 6/ WHERE TWO TAX RATES ARE SHOWN FOR A STATE, THE FIRST APPLIES TO DIESEL FUEL AND THE SECOND TO LIQUEFIED PETROLEUM GASES. SOME STATES IMPOSE ADDITIONAL REGISTRATION FEES OR MILEAGE TAXES ON VEHICLES

USING SPECIAL FUELS.
 7/ IN SOME STATES, FUEL USED FOR SPECIFIC PURPOSES IS TAXED OR REFUNDED AT RATES OTHER THAN THE PREVAILING RATES SHOWN IN COLUMNS 8 AND 9. IN THE CASE OF AVIATION FUEL, ONLY AVIATION GASOLINE IS INCLUDED.
 8/ A 2 PERCENT SURTAX IS IMPOSED ON GASOLINE AND 4.7 PERCENT ON SPECIAL FUELS PURCHASED FOR ANY VEHICLE WITH 3 OR MORE AXLES IN KENTUCKY. MOTOR FUEL USED BY MOTOR CARRIERS IN VIRGINIA IS TAXED AT 19.5 CENTS PER GALLON.
 9/ VEHICLES CONSUMING SPECIAL FUELS AND PAYING MILEAGE TAX TO THE PUBLIC UTILITY COMMISSIONER ARE NOT REQUIRED TO PAY THE MOTOR FUEL TAX. GALLONAGE REPORTED HERE INCLUDES ONLY THE GALLONAGE ON WHICH THE MOTOR FUELS TAX HAS BEEN PAID. FOR TOTAL HIGHWAY USE OF SPECIAL FUELS SEE TABLE MF-25.
 10/ DATA FOR JULY THROUGH DECEMBER 1988 ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION.
 11/ THIS IS THE WEIGHTED AVERAGE TAX RATE BASED ON RATES IN EFFECT ON DECEMBER 31, 1989. THE WEIGHTED AVERAGE TAX RATE FOR GASOHOL WAS 15.59 CENTS PER GALLON.

MOTOR-FUEL USE - 1989¹

COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-21
SEPTEMBER 1990

STATE	PRIVATE AND COMMERCIAL USE			PUBLIC USE (GASOLINE)					SUMMARY OF TOTAL USE				LOSSES ALLOWED FOR EVAPORATION, HANDLING, ETC. (GASOLINE) 2/	TOTAL QUANTITY CONSUMED
	HIGHWAY	NON-HIGHWAY (GASOLINE)	TOTAL	FEDERAL (HIGHWAY CIVILIAN USE ONLY)	STATE, COUNTY, AND MUNICIPAL			TOTAL	HIGHWAY		NON-HIGHWAY (GASOLINE)	TOTAL		
					HIGHWAY	NON-HIGHWAY	TOTAL		AMOUNT	PERCENT CHANGE 1989				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
ALABAMA	2,571,077	52,413	2,623,490	3,370	28,640	9,547	38,187	41,557	2,603,087	4.2	61,960	2,665,047	1,763	2,666,810
ALASKA	253,465	31,597	285,062	2,242	4,885	1,628	5,513	8,755	260,612	3.0	33,225	293,837	3	293,840
ARIZONA	2,002,834	39,370	2,042,204	6,083	16,469	5,490	21,959	28,042	2,025,386	2.8	44,860	2,070,246	-	2,070,246
ARKANSAS	1,591,268	34,976	1,626,244	1,893	13,833	4,611	18,444	20,337	1,606,994	1.8	39,587	1,646,581	12,817	1,659,398
CALIFORNIA	14,666,214	281,898	14,947,912	29,427	224,759	74,920	299,679	329,106	14,920,400	4.1	356,618	15,277,018	-	15,277,018
COLORADO	1,643,651	34,398	1,678,059	2,938	20,110	5,703	28,813	29,751	1,656,709	-1.8	41,101	1,707,810	15,354	1,723,164
CONNECTICUT	1,567,451	28,266	1,595,717	3,000	19,273	6,424	25,697	28,697	1,589,724	1.5	34,690	1,624,414	6,376	1,630,790
DELAWARE	384,664	11,204	395,868	566	4,582	1,527	5,109	6,675	389,832	-0.1	12,731	402,563	165	402,728
DIST. OF COL.	191,571	4,049	195,620	3,524	2,737	912	3,649	7,173	197,832	-2.8	4,961	202,793	-5	202,788
FLORIDA	6,514,509	239,930	6,754,439	9,882	156,317	52,106	208,423	218,305	6,680,708	2.3	292,036	6,972,744	61,745	7,034,489
GEORGIA	4,258,638	96,128	4,354,766	5,061	49,748	16,593	66,331	71,392	4,313,447	0.9	112,711	4,426,158	-4,549	4,421,609
HAWAII	360,263	19,043	379,306	1,177	6,535	2,212	8,847	10,324	368,075	4.3	21,255	409,330	3,498	412,828
IDAHO	543,053	34,685	577,738	3,254	16,868	5,623	22,491	25,745	563,175	4.8	40,308	603,483	4,999	608,382
ILLINOIS	5,842,030	92,870	5,934,900	7,080	53,142	17,714	70,856	72,936	5,902,252	5.7	110,584	6,012,836	49,937	6,062,773
INDIANA	3,259,781	62,576	3,322,357	2,988	43,661	14,554	58,215	61,203	3,306,430	0.7	77,130	3,383,560	26,751	3,410,311
IOWA	1,635,567	72,395	1,707,962	2,027	29,090	9,697	38,787	40,814	1,686,684	2.4	82,092	1,748,776	14,100	1,762,876
KANSAS	1,515,441	49,812	1,565,253	1,981	16,909	5,636	22,545	24,525	1,534,331	-1.4	55,448	1,589,779	12,942	1,602,721
KENTUCKY	2,254,066	48,447	2,302,513	3,255	50,340	16,780	67,120	77,936	2,307,671	0.2	85,227	2,372,898	-	2,372,898
LOUISIANA	2,255,469	85,661	2,341,130	3,293	28,424	9,475	37,899	41,192	2,287,186	-2.4	95,136	2,382,322	2,523	2,384,845
MAINE	685,109	26,911	712,020	880	14,754	4,918	19,672	20,552	700,743	-5.3	31,829	732,572	17,845	750,417
MARYLAND	2,393,300	63,865	2,457,165	4,926	20,350	6,783	27,133	32,059	2,418,576	3.2	70,648	2,489,224	55,967	2,545,191
MASSACHUSETTS	2,647,108	67,314	2,714,422	4,769	24,043	8,014	32,057	36,826	2,675,920	-2.4	75,328	2,751,248	25,212	2,776,460
MICHIGAN	4,633,117	117,553	4,750,670	5,601	82,925	27,642	110,567	116,158	4,721,643	-0.2	145,205	4,866,848	43,766	4,910,614
MINNESOTA	2,262,339	118,784	2,381,123	3,138	24,470	8,157	32,627	35,765	2,289,947	0.5	128,941	2,418,888	21,024	2,439,912
MISSISSIPPI	1,492,723	46,189	1,540,912	2,587	17,546	5,849	23,395	25,982	1,512,856	-0.4	54,038	1,566,894	12,583	1,579,477
MISSOURI	3,284,476	64,288	3,348,764	3,902	19,793	6,578	26,311	30,213	3,308,111	2.8	70,866	3,378,977	27,702	3,406,679
MONTANA	516,251	32,434	548,685	3,131	9,841	3,280	13,121	16,252	529,223	0.0	35,714	564,937	-	564,937
NEBRASKA	925,192	52,667	977,859	1,859	16,124	5,375	21,499	23,368	943,185	0.7	58,042	1,001,227	8,183	1,009,410
NEVADA	725,143	13,434	738,577	4,421	10,421	3,474	13,895	18,316	739,985	5.7	16,908	756,893	6,332	763,225
NEW HAMPSHIRE	564,981	8,794	573,775	873	8,779	2,926	11,705	12,578	574,633	0.8	11,720	586,353	912	587,265
NEW JERSEY	3,758,350	62,651	3,821,001	6,073	83,309	27,770	111,079	127,652	3,847,732	-0.5	90,421	3,938,153	-	3,938,153
NEW MEXICO	972,434	21,290	993,724	5,157	15,305	5,102	20,407	26,564	992,896	-1.0	26,392	1,019,288	8,206	1,027,494
NEW YORK	6,169,781	141,797	6,311,578	13,592	71,185	23,728	94,913	108,505	6,254,558	2.2	165,465	6,420,023	57,698	6,477,721
NORTH CAROLINA	3,759,483	89,825	3,849,308	3,893	75,304	25,101	100,405	104,098	3,838,480	-0.5	114,925	3,953,406	33,695	3,987,101
NORTH DAKOTA	403,340	38,196	441,536	1,445	7,813	2,604	10,417	11,862	412,589	-0.0	40,800	453,388	-	453,388
OHIO	5,730,654	141,707	5,872,361	5,775	74,579	24,860	99,439	105,214	5,811,008	3.1	166,567	5,977,575	50,248	6,027,823
OKLAHOMA	1,940,329	62,840	2,003,169	3,370	40,054	13,351	53,405	56,775	1,983,753	0.8	76,191	2,059,944	17,220	2,077,164
OREGON	1,600,002	36,763	1,636,765	5,453	25,173	9,391	34,564	43,017	1,633,628	0.7	49,174	1,682,802	-	1,682,802
PENNSYLVANIA	5,414,866	85,940	5,500,806	8,704	57,976	19,325	77,301	86,005	5,481,346	-0.8	105,265	5,586,611	35,329	5,621,940
RHODE ISLAND	414,183	12,958	427,141	651	4,854	1,618	6,472	7,123	419,688	-1.1	14,576	434,264	3,677	437,941
SOUTH CAROLINA	2,013,782	80,310	2,094,092	3,525	26,374	8,791	35,165	38,690	2,043,681	-0.2	89,101	2,132,782	592	2,133,374
SOUTH DAKOTA	441,760	31,019	472,779	1,842	9,260	3,087	12,347	14,189	472,862	-0.1	34,106	486,968	3,988	490,956
TENNESSEE	3,036,897	63,566	3,100,463	6,769	41,997	13,999	55,996	62,765	3,085,363	2.0	77,585	3,162,928	26,328	3,189,256
TEXAS	9,486,366	308,532	9,794,898	14,268	260,474	86,825	347,299	391,557	9,761,108	-0.7	395,357	10,156,465	-	10,156,465
UTAH	835,839	16,380	852,219	2,790	11,422	3,807	15,229	18,019	860,051	-5.7	20,187	870,238	7,506	877,744
VERMONT	312,130	8,641	320,771	416	4,658	1,553	6,211	6,627	317,204	-2.2	10,194	327,398	3,338	330,736
VIRGINIA	3,466,316	64,896	3,531,212	5,797	54,793	18,264	73,057	78,854	3,526,906	0.6	82,960	3,609,866	440	3,610,306
WASHINGTON	2,562,316	56,808	2,619,124	8,198	52,680	10,893	63,573	68,771	2,603,194	7.1	67,701	2,670,895	6,636	2,677,531
WEST VIRGINIA	844,280	15,744	860,024	1,503	39,564	13,221	52,885	54,388	885,447	-1.1	28,985	1,014,412	1,944	1,016,356
WISCONSIN	2,432,634	77,881	2,510,515	2,954	34,120	11,373	45,493	48,447	2,469,708	1.4	89,254	2,558,962	21,251	2,580,213
WYOMING	458,358	23,310	481,668	1,744	8,155	2,718	10,873	12,617	468,257	5.6	26,028	494,285	-	494,285
TOTAL	129,614,401	3,376,575	132,990,976	232,867	2,017,557	672,519	2,690,076	2,922,943	131,664,825	1.4	4,049,094	135,913,919	704,961	136,618,880
PERCENTAGE	95.37	2.49	97.86	0.17	1.48	0.49	1.97	2.14	97.02	-	2.98	100.00	-	-

1/ THIS TABLE IS ONE OF A SERIES (MF-21 THROUGH MF-26) GIVING AN ANALYSIS OF MOTOR-FUEL CONSUMPTION, BASED ON REPORTS FROM STATE MOTOR-FUEL TAX AGENCIES. GASOLINE IS INCLUDED WITH GASOLINE. IN ORDER TO MAKE THE DATA UNIFORM AND COMPLETE, PUBLIC USE AND NONHIGHWAY USE WERE ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION. THE RESULTING GALLONAGES DIFFER IN MANY CASES FROM THE UNADJUSTED DATA REPORTED IN TABLE MF-2. FOR SOME STATES, DATA ARE NOT COMPARABLE TO PRIOR YEARS DUE TO CHANGES IN DATA ANALYSIS AND/OR IMPROVEMENTS IN REPORTING PROCEDURES.

2/ SOME STATES MAKE A FLAT PERCENTAGE ALLOWANCE FOR LOSSES IN STORAGE AND HANDLING, AND OTHERS ALLOW FOR ACTUAL LOSSES NOT TO EXCEED A SPECIFIED PERCENTAGE. STILL OTHERS PERMIT DISTRIBUTORS TO CLAIM STOCK LOSSES IN RECONCILIATIONS OF INVENTORIES, THUS EXEMPTING THE LOST GALLONAGE FROM TAXATION. LOSSES BY DESTRUCTION, WHERE REPORTED SEPARATELY, ARE ALSO INCLUDED IN THIS COLUMN. THE MAXIMUM ALLOWANCE USED IN THE ANALYSIS TO COVER LOSSES IN STORAGE AND HANDLING WAS 1 PERCENT. BECAUSE OF ACCOUNTING METHODS, LOSSES CAN BE REPORTED AS A NET GAIN.

TOTAL GASOLINE USE - 1989¹COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-21A
SEPTEMBER 1990

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	2,025,266	3,370	28,640	2,057,276	52,413	9,547	61,960	2,119,236
ALASKA	195,013	2,242	4,885	202,140	31,597	1,628	33,225	235,365
ARIZONA	1,677,140	6,083	16,469	1,699,692	39,370	5,490	44,860	1,744,552
ARKANSAS	1,205,031	1,893	13,833	1,220,757	34,976	4,611	39,587	1,260,344
CALIFORNIA	12,721,883	29,427	224,759	12,976,069	281,698	74,920	356,618	13,332,687
COLORADO	1,455,946	2,938	20,110	1,478,994	34,398	6,703	41,101	1,520,095
CONNECTICUT	1,323,383	3,000	19,273	1,345,656	28,266	6,424	34,690	1,380,346
DELAWARE	331,208	566	4,582	336,356	11,204	1,527	12,731	349,087
DIST. OF COL.	168,215	3,524	2,737	174,476	4,049	912	4,961	179,437
FLORIDA	5,654,516	9,882	156,317	5,820,715	239,930	52,106	292,036	6,112,751
GEORGIA	3,410,905	5,061	49,748	3,465,714	96,128	16,583	112,711	3,578,425
HAWAII	355,676	1,177	6,635	363,488	19,043	2,212	21,255	384,743
IDAHO	424,419	3,254	16,868	444,541	34,685	5,623	40,308	484,849
ILLINOIS	4,772,918	7,080	53,142	4,833,140	92,870	17,714	110,584	4,943,724
INDIANA	2,523,152	2,988	43,661	2,569,801	62,576	14,554	77,130	2,646,931
IOWA	1,282,643	2,027	29,090	1,313,760	72,395	9,697	82,092	1,395,852
KANSAS	1,206,924	1,981	16,909	1,225,814	49,812	5,636	55,448	1,281,262
KENTUCKY	1,738,629	3,265	50,340	1,792,234	48,447	16,780	65,227	1,857,461
LOUISIANA	1,880,624	3,293	28,424	1,912,341	85,661	9,475	95,136	2,007,477
MAINE	561,528	880	14,754	577,162	26,911	4,918	31,829	608,991
MARYLAND	2,005,954	4,926	20,350	2,031,230	63,865	6,783	70,648	2,101,878
MASSACHUSETTS	2,390,691	4,769	24,043	2,419,503	67,314	8,014	75,328	2,494,831
MICHIGAN	4,097,647	5,601	82,925	4,186,173	117,563	27,642	145,205	4,331,378
MINNESOTA	1,926,789	3,138	24,470	1,954,397	118,784	8,157	126,941	2,081,338
MISSISSIPPI	1,171,532	2,587	17,546	1,191,665	48,189	5,849	54,038	1,245,703
MISSOURI	2,635,200	3,902	19,733	2,658,835	64,288	6,578	70,866	2,729,701
MONTANA	395,334	3,131	9,841	408,306	32,434	3,280	35,714	444,020
NEBRASKA	714,725	1,869	16,124	732,718	52,667	5,375	58,042	790,760
NEVADA	595,185	4,421	10,421	610,027	13,434	3,474	16,908	626,935
NEW HAMPSHIRE	504,715	873	8,779	514,367	8,794	2,926	11,720	526,087
NEW JERSEY	3,302,991	6,073	83,309	3,392,373	62,651	27,770	90,421	3,482,794
NEW MEXICO	764,079	5,157	15,305	784,541	21,290	5,102	26,392	810,933
NEW YORK	5,456,140	13,592	71,185	5,540,917	141,737	23,728	165,465	5,706,382
NORTH CAROLINA	3,137,723	3,693	75,304	3,216,720	89,825	25,101	114,926	3,331,646
NORTH DAKOTA	309,912	1,445	7,813	319,170	38,196	2,604	40,800	359,970
OHIO	4,727,614	5,775	74,579	4,807,968	141,707	24,860	166,567	4,974,535
OKLAHOMA	1,548,065	3,370	40,054	1,591,489	62,840	13,351	76,191	1,667,680
OREGON	1,284,467	5,453	28,173	1,318,093	38,783	9,391	48,174	1,366,267
PENNSYLVANIA	4,487,960	8,704	57,976	4,554,640	85,940	19,325	105,265	4,659,905
RHODE ISLAND	360,762	651	4,854	366,267	12,958	1,618	14,576	380,843
SOUTH CAROLINA	1,707,586	3,525	26,374	1,737,485	80,310	8,791	89,101	1,826,586
SOUTH DAKOTA	347,994	1,642	9,260	359,096	31,019	3,087	34,106	393,202
TENNESSEE	2,446,407	6,769	41,997	2,495,173	63,566	13,999	77,565	2,572,738
TEXAS	8,055,805	14,268	260,474	8,330,547	308,532	86,825	395,357	8,725,904
UTAH	709,173	2,790	11,422	723,385	16,380	3,807	20,187	743,572
VERMONT	265,386	416	4,658	270,460	8,641	1,553	10,194	280,654
VIRGINIA	2,889,655	5,797	54,793	2,950,255	64,696	18,264	82,960	3,033,215
WASHINGTON	2,197,652	8,198	32,680	2,238,540	56,808	10,893	67,701	2,303,241
WEST VIRGINIA	763,767	1,503	39,664	804,934	15,744	13,221	28,965	833,899
WISCONSIN	1,977,544	2,954	34,120	2,014,618	77,881	11,373	89,254	2,103,872
WYOMING	288,536	1,744	8,155	298,435	23,310	2,718	26,028	324,463
TOTAL	108,382,029	232,867	2,017,557	110,632,453	3,376,575	672,519	4,049,094	114,681,547

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.

PRIVATE AND COMMERCIAL NONHIGHWAY USE OF GASOLINE - 1989¹COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-24
SEPTEMBER 1990

STATE	AGRICULTURAL USE	AVIATION 2/	INDUSTRIAL AND COMMERCIAL	CONSTRUCTION	MARINE	MISCEL- LANEOUS 3/	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ALABAMA	9,593	4,871	6,602	5,023	26,324	-	52,413
ALASKA	288	18,364	1,564	874	9,920	587	31,597
ARIZONA	6,847	7,856	4,626	6,466	13,575	-	39,370
ARKANSAS	10,933	3,836	3,256	1,104	15,847	-	34,976
CALIFORNIA	47,027	48,690	50,828	40,251	93,638	1,264	281,698
COLORADO	15,551	6,757	2,758	3,274	5,761	297	34,398
CONNECTICUT	2,165	1,468	4,649	5,026	13,248	1,710	28,266
DELAWARE	1,517	666	228	1,015	7,656	122	11,204
DIST. OF COL.	-	-	990	2,201	858	-	4,049
FLORIDA	7,582	36,404	18,513	18,007	159,424	-	239,930
GEORGIA	14,167	7,832	31,535	9,809	32,114	671	96,128
HAWAII	1,764	10,729	5,516	2,218	2,816	-	19,043
IDAHO	15,525	1,964	2,148	823	4,627	9,598	34,685
ILLINOIS	40,630	7,148	7,617	12,346	22,806	2,323	92,870
INDIANA	19,954	10,748	5,474	6,915	15,697	3,788	62,576
IOWA	43,463	4,139	10,091	2,163	12,265	274	72,395
KANSAS	28,249	5,826	5,322	2,208	7,297	910	49,812
KENTUCKY	15,670	1,977	16,323	3,871	10,606	-	48,447
LOUISIANA	6,392	4,294	2,939	3,137	68,899	-	85,661
MAINE	3,620	2,551	1,378	981	18,362	19	26,911
MARYLAND	5,673	3,053	1,867	7,128	44,492	1,652	63,865
MASSACHUSETTS	2,709	4,402	7,414	10,183	42,606	-	67,314
MICHIGAN	24,407	10,023	8,796	12,668	60,670	999	117,563
MINNESOTA	43,797	5,908	4,221	5,520	59,338	-	118,784
MISSISSIPPI	9,443	5,690	12,634	1,934	17,515	973	48,189
MISSOURI	25,715	7,475	2,190	5,259	21,142	2,507	64,288
MONTANA	19,637	3,531	6,924	391	1,951	-	32,434
NEBRASKA	40,055	3,462	4,013	1,190	3,947	-	52,667
NEVADA	1,721	4,420	2,561	2,043	2,689	-	13,434
NEW HAMPSHIRE	1,070	1,225	603	2,201	1,145	2,550	8,794
NEW JERSEY	5,326	4,776	6,449	9,596	35,669	835	62,651
NEW MEXICO	4,326	3,569	8,929	1,594	2,872	-	21,290
NEW YORK	28,345	3,319	13,542	17,479	45,179	33,873	141,737
NORTH CAROLINA	20,870	8,621	4,988	9,919	43,808	1,619	89,825
NORTH DAKOTA	30,555	1,160	3,941	501	2,039	-	38,196
OHIO	20,973	9,306	8,244	14,198	25,656	63,130	141,707
OKLAHOMA	21,518	6,171	15,341	1,927	17,883	-	62,840
OREGON	12,796	3,796	5,024	2,613	14,529	25	38,783
PENNSYLVANIA	19,806	6,521	25,610	11,962	22,041	-	85,940
RHODE ISLAND	295	1,714	194	1,008	9,747	-	12,958
SOUTH CAROLINA	9,141	4,450	17,689	4,505	44,525	-	80,310
SOUTH DAKOTA	19,281	3,304	3,412	415	2,661	1,946	31,019
TENNESSEE	15,741	6,789	3,990	6,106	22,911	8,029	63,566
TEXAS	71,757	30,515	106,587	14,626	72,168	12,879	308,532
UTAH	4,750	3,957	1,838	1,745	4,090	-	16,380
VERMONT	3,790	613	1,058	590	2,590	-	8,641
VIRGINIA	8,280	2,736	12,987	11,544	25,898	3,251	64,696
WASHINGTON	13,856	7,034	11,065	4,879	19,752	222	56,808
WEST VIRGINIA	2,030	1,426	7,564	1,005	3,719	-	15,744
WISCONSIN	28,252	4,792	3,892	4,947	35,463	535	77,881
WYOMING	14,760	1,439	5,626	189	1,296	-	23,310
TOTAL	821,612	351,317	497,550	297,577	1,251,931	156,588	3,376,575
PERCENTAGE	24.33	10.40	14.74	8.81	37.08	4.64	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.

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

HIGHWAY USE OF GASOLINE BY MONTHS - 1989¹

COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-26
SEPTEMBER 1990

STATE	TAX RATE ON DECEMBER 31 (IN CENTS PER GALLON) 2/	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL 3/	CHANGE FROM 1988	
															GALLONS	PER- CENT
ALABAMA	13	159,850	145,449	176,309	170,548	180,217	178,983	185,567	184,332	166,405	174,457	167,668	168,491	2,057,276	46,482	2.3
ALASKA	8	12,796	13,664	16,131	17,262	19,657	19,223	19,610	19,587	16,193	17,101	14,695	202,140	114,030	-7,619	-3.6
ARIZONA	17	136,485	125,267	149,084	140,584	144,074	142,084	145,154	138,526	147,363	145,494	145,494	144,474	1,699,692	34,232	2.1
ARKANSAS	13.5	90,824	84,110	102,422	100,224	105,473	106,064	110,235	110,967	102,177	108,403	101,689	98,149	1,220,757	10,846	0.9
CALIFORNIA	9	979,693	945,955	1,115,942	1,065,335	1,131,513	1,118,537	1,153,573	1,184,715	1,089,990	1,091,288	1,044,573	1,054,955	12,976,069	420,398	3.3
COLORADO	20	108,854	100,276	123,349	127,728	128,081	132,961	138,729	141,836	127,785	126,898	118,467	114,030	1,478,994	-27,629	-1.8
CONNECTICUT	20	100,789	92,447	108,460	106,845	118,956	118,263	120,974	126,527	115,995	117,207	111,286	107,787	1,345,656	-13,451	-1.0
DELAWARE	16	23,511	22,166	26,135	27,312	29,902	30,642	32,930	33,299	29,162	29,195	26,943	25,159	336,956	2,114	0.6
DIST. OF COL.	18	13,365	12,824	14,394	13,627	15,260	17,412	15,092	15,616	14,743	15,145	14,237	12,771	174,476	-5,800	-3.2
FLORIDA	9.7	504,074	472,060	525,025	484,866	491,269	473,225	487,194	464,493	455,180	481,374	480,791	501,164	5,820,715	72,279	1.3
GEORGIA	7.5	309,487	246,373	296,665	303,597	299,091	305,676	298,358	296,051	272,059	308,716	266,246	252,355	3,485,714	30,691	0.9
HAWAII	11	30,024	29,915	30,424	30,424	30,496	31,078	31,298	30,969	29,624	30,242	29,551	28,716	363,488	14,525	4.2
IDaho	18	29,828	27,939	34,452	36,230	39,164	41,164	43,965	44,235	39,786	39,075	35,607	34,896	444,541	7,945	1.8
ILLINOIS	16	342,870	330,104	398,734	399,700	428,700	441,746	433,533	417,584	414,683	396,318	389,552	389,552	4,893,140	29,660	0.6
INDIANA	15	186,054	169,606	207,640	210,723	231,539	229,740	235,907	237,452	221,517	229,483	210,981	199,159	2,569,801	-75,528	-2.9
IOWA	20	94,196	84,869	102,736	109,173	120,078	118,895	122,442	124,152	113,640	116,005	106,546	101,028	1,313,760	24,957	1.9
KANSAS	15	91,078	81,394	100,271	104,194	109,955	111,916	112,408	110,569	103,827	105,175	99,168	95,859	1,225,814	-28,223	-2.3
KENTUCKY	15	136,747	123,664	149,473	151,623	159,330	166,820	160,564	162,919	148,756	156,283	144,275	141,766	1,792,234	-13,440	-0.7
LOUISIANA	16	151,457	134,629	157,196	163,314	171,345	185,418	159,680	166,757	161,593	170,963	156,238	153,752	1,912,341	-67,288	-2.9
MAINE	17	38,958	36,091	42,537	43,287	50,848	52,810	61,526	61,237	51,540	49,521	44,211	45,596	577,162	-46,032	-7.4
MARYLAND	18.5	151,327	142,389	165,952	171,436	179,561	179,967	183,420	186,060	170,217	177,732	164,630	158,639	2,031,230	17,312	0.9
MASSACHUSETTS	11	185,576	185,494	195,738	195,222	211,707	211,707	222,352	227,352	207,351	209,771	193,318	192,835	2,419,503	-28,530	-1.2
MICHIGAN	15	310,614	282,567	328,615	332,801	372,988	387,639	400,618	392,663	382,522	375,499	330,289	309,358	4,186,173	-10,475	-0.2
MINNESOTA	20	139,348	124,300	146,580	148,825	176,288	178,045	190,947	190,749	175,700	176,286	154,202	153,029	1,954,397	11,329	0.6
MISSISSIPPI	18	85,680	79,603	98,908	95,929	105,105	109,167	115,354	112,374	97,240	104,390	97,001	90,924	1,191,665	-4,922	-0.4
MISSOURI	11	198,222	171,495	208,985	222,279	240,358	241,422	244,613	248,668	228,925	237,956	214,302	203,400	2,658,835	-16,816	-0.6
MONTANA	20	26,010	24,784	31,398	32,093	36,625	38,585	43,198	42,423	36,176	35,360	30,664	30,990	408,306	-3,820	-0.9
NEBRASKA	22	50,191	45,502	56,932	59,643	66,805	73,638	75,470	70,047	62,501	62,281	56,346	53,562	732,718	6	0.0
NEVADA	18	44,471	40,508	49,229	49,406	52,097	54,049	57,160	58,194	53,256	52,036	49,473	50,510	610,027	27,266	4.7
NEW HAMPSHIRE	14	39,783	36,080	39,760	40,223	44,904	45,213	48,711	50,511	44,090	46,087	41,150	39,915	514,367	3,097	0.6
NEW JERSEY	10.5	257,142	243,233	269,354	280,210	294,118	299,886	298,868	303,618	280,888	302,261	281,567	281,228	3,392,373	42,134	1.3
NEW MEXICO	18	58,213	52,800	65,960	63,626	69,824	70,687	72,962	72,021	65,745	67,764	64,803	60,096	784,541	-11,106	-1.4
NEW YORK	8	403,933	366,254	447,706	454,909	488,708	495,912	520,293	516,957	489,817	488,129	431,637	426,651	5,540,917	172,691	3.2
NORTH CAROLINA	20.9	240,332	216,154	270,698	270,698	287,853	277,925	290,792	307,084	289,562	283,715	266,022	251,547	3,216,720	-21,432	-0.7
NORTH DAKOTA	17	19,859	17,906	23,651	23,936	28,182	29,747	33,480	32,683	30,363	30,895	25,342	23,683	319,170	-1,406	-0.4
OHIO	18	366,367	333,673	409,158	400,504	414,447	424,544	434,159	448,583	401,946	414,928	390,407	369,252	4,807,968	50,764	1.1
OKLAHOMA	16	122,386	110,449	137,823	133,685	141,006	137,504	142,121	141,324	132,730	138,778	130,502	123,181	1,591,489	15,966	1.0
OREGON	16	92,398	80,009	105,447	105,843	115,333	119,692	128,250	131,581	118,233	114,937	102,284	96,639	1,318,093	1,827	0.1
PENNSYLVANIA	12	330,212	308,804	388,326	383,958	401,264	402,175	406,274	421,759	392,610	403,541	377,124	357,995	4,554,640	-31,393	-0.7
RHODE ISLAND	20	28,642	24,283	29,285	29,301	32,891	33,331	33,733	32,634	32,159	31,462	29,997	28,589	366,267	-13,964	-3.7
SOUTH CAROLINA	16	140,215	126,272	147,686	144,037	150,988	148,902	157,242	158,639	142,474	147,850	140,042	134,134	1,737,485	4,990	0.3
SOUTH DAKOTA	18	22,946	19,822	24,382	26,943	32,319	35,838	39,250	37,706	33,252	31,385	27,614	25,639	359,096	1,461	0.4
TENNESSEE	21	195,871	171,159	216,082	212,339	227,061	216,582	240,032	227,911	210,593	213,338	190,139	174,862	2,495,173	53,477	2.2
TEXAS	15	564,777	590,636	718,780	686,937	718,927	713,095	730,586	726,424	683,938	715,594	688,937	630,547	8,330,547	-149,363	-1.8
UTAH	19	54,616	48,322	60,041	59,100	63,730	63,802	65,033	65,902	60,892	62,355	58,305	51,487	723,365	-27,407	-3.7
VERMONT	15	20,041	18,906	21,285	21,123	23,603	23,584	25,965	26,286	23,557	24,477	20,826	20,907	270,460	-7,832	-2.8
VIRGINIA	17.7	223,924	204,453	244,577	243,996	257,653	259,327	269,948	274,078	247,821	258,442	236,611	229,235	2,950,255	16,589	0.6
WASHINGTON	18	160,260	141,028	177,954	177,069	195,425	196,768	210,871	215,769	197,440	193,639	186,022	186,247	2,238,540	151,356	7.3
WEST VIRGINIA	15.5	59,565	54,333	67,937	67,937	70,271	67,191	71,558	73,651	68,902	76,147	67,534	62,946	804,934	-3,825	-0.5
WISCONSIN	20.8	145,456	133,771	157,140	160,767	183,330	180,711	195,820	192,799	169,429	178,682	165,400	153,313	2,014,618	2,374	0.1
WYOMING	9	19,479	16,768	21,206	22,815	26,775	29,367	32,345	32,256	27,640	26,209	22,279	21,296	288,453	7,850	2.7
TOTAL	4/ 14.19	8,396,010	7,665,976	9,178,840	9,118,503	9,707,653	9,737,609	10,047,163	10,115,291	9,334,780	9,616,537	8,952,047	8,763,044	110,632,453	666,867	0.6
PERCENTAGE	-	7.59	6.93	8.30	8.24	8.78	8.80	9.08	9.14	8.44	8.69	8.09	7.92	100.00	-	-

Motor Fuel

1/ THIS TABLE IS ONE OF A SERIES (MF-21 THROUGH MF-26) GIVING AN ANALYSIS OF MOTOR-FUEL CONSUMPTION BASED ON REPORTS FROM STATE MOTOR-FUEL TAX AGENCIES. HIGHWAY USE OF GASOLINE WAS ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) BY SUBTRACTING NONHIGHWAY USE FROM TOTAL USE. IN ORDER TO MAKE THE DATA UNIFORM AND COMPLETE, NONHIGHWAY USES OF GASOLINE WERE ESTIMATED BY FHWA OR DATA WERE OBTAINED FROM OTHER SOURCES. THE RESULTING GALLONAGES DIFFER IN MANY INSTANCES FROM THE UNADJUSTED DATA RECORDED IN TABLE MF-2. IN ORDER TO APPROXIMATE ACTUAL USE, THE MONTHLY DISTRIBUTIONS WERE ESTIMATED BY FHWA USING TRAVEL DATA. THE ENTRIES IN TABLE MF-26 WILL NOT AGREE WITH THOSE IN TABLE MF-330A. TABLE MF-26 SHOWS HIGHWAY USE ONLY WHILE TABLE MF-330A REFLECTS GROSS

GALLONS OF GASOLINE REPORTED BY WHOLESALE DISTRIBUTORS TO THE STATE TAXING AGENCIES EACH MONTH. GASOLINE IS INCLUDED WITH GASOLINE.
2/ FOR TAX RATES AS OF JANUARY 1, 1989 AND FOR RATE CHANGES DURING THE YEAR. SEE TABLE MF-121T. STATES WITH VARIABLE RATES ARE ALSO IDENTIFIED IN TABLE MF-121T.
3/ FOR SOME STATES, DATA ARE NOT COMPARABLE TO PRIOR YEARS DUE TO CHANGES IN DATA ANALYSIS AND/OR IMPROVEMENTS IN REPORTING PROCEDURES.
4/ THIS IS THE WEIGHTED AVERAGE TAX RATE FOR GASOLINE AND GASOLINE BASED ON RATES IN EFFECT ON DECEMBER 31, 1989. THE WEIGHTED AVERAGE TAX RATE FOR GASOLINE WAS 15.59 CENTS.

MONTHLY GASOLINE REPORTED BY STATES - 1989¹

COMPILED FOR THE CALENDAR YEAR
FROM STATE FUEL TAX REPORTS

(THOUSANDS OF GALLONS)

TABLE MF-330A
SEPTEMBER 1990

STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	CHANGE FROM 1988	
														GALLONS	PER-CENT
ALABAMA	160,780	158,657	162,351	199,546	186,328	182,508	179,530	189,927	168,026	180,089	173,209	181,160	2,122,111	49,875	2.4
ALASKA	15,332	15,218	19,401	17,208	18,788	28,588	23,978	30,617	19,881	17,306	12,597	20,103	239,017	-7,021	-2.9
ARIZONA	137,580	151,506	131,134	141,403	168,229	149,903	139,702	139,813	133,695	161,874	147,387	142,328	1,744,554	35,945	2.1
ARKANSAS	26,575	161,461	90,121	86,151	138,985	111,634	117,567	110,762	105,719	101,272	93,716	131,126	1,274,999	2,821	0.2
CALIFORNIA	1,100,832	985,208	1,099,017	1,077,273	1,062,145	1,374,485	1,120,700	1,164,058	1,043,906	1,107,661	1,086,330	1,117,216	13,338,831	436,465	3.4
COLORADO	115,521	113,007	129,112	126,069	126,155	137,673	140,835	146,852	127,097	129,520	104,684	138,904	1,535,449	-26,240	-1.7
CONNECTICUT	110,051	103,760	117,471	111,530	120,618	119,400	115,273	118,504	119,390	117,160	114,395	125,170	1,366,722	-10,706	-0.8
DELAWARE	25,398	25,143	28,408	28,062	28,621	12,901	31,966	26,091	32,993	31,629	26,286	31,162	349,255	2,013	0.6
DIST. OF COL.	14,231	14,368	15,793	14,942	16,709	16,206	15,408	14,892	14,476	15,944	14,796	14,909	182,674	-4,012	-2.1
FLORIDA	524,060	508,553	491,680	572,743	530,893	518,467	501,847	499,300	520,171	447,460	533,775	489,143	6,138,092	53,907	0.9
GEORGIA	270,090	279,645	313,033	293,620	310,802	301,717	299,380	314,726	285,619	303,803	290,648	310,789	3,573,874	34,106	1.0
HAWAII	35,297	27,671	34,085	31,088	31,670	36,206	33,528	33,883	31,521	32,302	32,025	33,219	392,495	16,405	4.4
IDAHO	38,747	33,624	36,231	27,216	42,124	41,967	34,152	50,000	47,235	50,696	44,523	43,232	489,747	10,795	2.3
ILLINOIS	393,639	357,693	400,283	410,135	407,322	431,104	430,436	497,830	391,161	438,383	390,400	445,257	4,993,663	21,829	0.4
INDIANA	201,357	195,907	228,632	213,548	232,821	232,821	232,100	223,142	220,643	232,562	224,802	235,773	2,675,098	-84,966	-3.1
IOWA	116,237	97,349	115,236	114,980	121,703	124,632	115,509	127,813	111,134	127,819	110,433	127,304	1,409,951	14,912	1.1
KANSAS	98,875	94,559	115,473	102,848	111,362	116,347	107,373	115,124	103,687	108,709	106,683	113,191	1,294,231	-32,521	-2.5
KENTUCKY	114,420	172,312	142,670	163,121	160,830	150,806	168,761	165,785	152,676	155,683	154,483	160,342	1,861,889	-27,961	-1.5
LOUISIANA	169,381	155,639	184,172	174,295	169,136	171,347	172,822	188,488	142,155	181,169	161,437	173,225	2,043,286	-21,493	-1.0
MAINE	46,938	45,123	42,453	51,884	47,609	59,032	55,853	73,639	52,084	48,544	55,277	47,203	627,639	-30,540	-4.6
MARYLAND	169,454	159,027	201,871	170,731	190,682	190,874	185,275	183,000	166,216	180,425	182,990	178,303	2,157,848	58,037	2.8
MASSACHUSETTS	195,889	184,036	209,935	198,362	217,791	219,235	216,015	224,880	208,203	224,521	197,859	223,517	2,520,043	-22,528	-0.9
MICHIGAN	331,055	326,302	361,186	335,356	393,291	384,942	390,816	422,203	344,657	381,711	366,648	348,710	4,376,976	-12,721	-0.3
MINNESOTA	133,603	176,467	167,505	158,936	183,327	186,090	187,002	168,125	192,954	192,243	139,839	216,271	2,102,362	9,652	0.5
MISSISSIPPI	109,671	81,047	121,659	94,146	103,607	114,730	105,403	114,944	96,779	104,883	91,717	119,700	1,258,266	-6,624	-0.5
MISSOURI	208,272	198,832	226,492	233,040	240,546	243,377	234,357	244,310	224,427	237,319	223,913	243,498	2,758,383	-21,640	-0.8
MONTANA	29,891	26,528	35,256	32,943	37,506	43,992	45,169	47,392	39,909	37,127	34,535	33,771	444,019	-4,726	-1.1
NEBRASKA	57,086	57,933	68,664	62,496	67,742	60,510	62,105	74,059	65,061	68,246	65,743	70,272	801,115	-332	-0.0
NEVADA	49,677	48,748	45,072	53,200	50,970	54,302	54,778	57,349	58,603	54,837	54,576	51,155	633,267	27,843	4.6
NEW HAMPSHIRE	41,161	38,778	43,064	39,604	44,405	45,529	48,128	49,685	42,711	45,899	41,743	46,346	527,053	-657	-0.1
NEW JERSEY	320,671	261,715	264,926	326,351	240,483	347,106	321,867	299,892	236,199	286,016	284,547	341,390	3,531,163	39,314	1.1
NEW MEXICO	43,920	62,008	67,445	69,136	69,898	72,499	72,499	68,504	68,504	70,565	67,008	68,987	820,666	-8,252	-1.0
NEW YORK	488,200	482,407	501,578	389,750	514,141	447,599	518,960	591,935	446,497	490,386	430,166	468,177	5,769,796	185,867	3.3
NORTH CAROLINA	255,379	245,479	285,452	274,655	297,440	295,315	289,161	301,798	273,313	291,458	267,736	292,422	3,369,498	-17,775	-0.5
NORTH DAKOTA	17,396	30,719	25,180	31,191	31,913	34,158	33,839	37,039	31,234	30,088	27,398	31,124	361,259	-4,587	-1.3
OHIO	401,543	361,484	407,962	399,477	425,000	436,370	491,517	445,672	403,751	395,489	429,059	427,560	5,024,784	3,752	0.1
OKLAHOMA	102,726	136,886	134,883	130,054	139,013	136,477	152,336	153,570	146,685	142,595	138,189	163,135	1,678,029	-34,266	-2.0
OREGON	62,733	123,547	101,874	117,460	117,249	83,137	163,238	131,160	118,081	100,073	129,224	118,501	1,366,267	1,436	0.1
PENNSYLVANIA	354,624	340,533	391,586	382,857	405,636	405,442	403,975	422,322	394,054	408,414	391,170	408,409	4,710,022	-56,846	-1.2
RHODE ISLAND	30,407	30,407	30,407	33,480	33,480	33,480	31,401	31,401	31,401	33,041	33,041	33,041	384,987	-16,317	-4.1
SOUTH CAROLINA	127,232	140,350	158,998	150,561	157,516	157,944	162,221	164,455	144,627	155,390	143,756	166,063	1,828,113	4,188	0.2
SOUTH DAKOTA	25,643	25,682	32,506	29,498	34,158	38,965	30,793	40,249	32,870	33,602	31,589	33,571	298,125	1,836	0.5
TENNESSEE	212,552	209,044	216,785	221,275	233,012	204,303	238,889	219,192	214,825	216,962	207,486	236,476	2,632,750	91,051	3.6
TEXAS	661,835	627,327	764,738	706,096	748,291	739,447	728,216	790,504	724,047	748,583	737,617	771,738	6,749,439	-140,612	-1.6
UTAH	72,394	63,264	58,945	59,388	62,178	65,738	66,765	68,172	53,042	62,555	59,086	59,541	751,078	-28,819	-3.7
VERMONT	23,100	21,819	23,274	20,284	24,016	26,142	27,576	24,310	23,319	25,334	23,047	24,269	283,993	-7,298	-2.5
VIRGINIA	246,485	202,277	250,993	259,247	259,798	276,876	240,408	297,008	241,895	276,547	242,131	248,989	3,042,734	20,453	0.7
WASHINGTON	164,692	162,722	216,180	187,194	194,880	196,918	219,326	212,791	197,728	188,541	184,279	189,884	2,316,135	157,345	7.3
WEST VIRGINIA	66,972	60,244	67,172	74,862	61,742	79,385	76,966	70,418	65,712	76,802	63,410	83,186	836,891	-3,718	-0.4
WISCONSIN	156,234	157,231	173,518	158,379	184,486	185,409	189,702	200,579	172,536	183,287	173,975	188,832	2,122,168	4,986	0.2
WYOMING	20,798	18,977	23,299	21,870	24,823	33,532	26,162	31,195	33,812	37,276	29,314	24,903	325,962	7,095	2.2
U.S. TOTAL	8,897,646	8,778,723	9,575,323	9,377,429	9,833,476	10,175,684	10,059,155	10,422,548	9,308,054	9,775,609	9,361,475	9,992,516	115,557,638	661,048	0.6

Highway Statistics, 1989

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 UP TO 6 WEEKS OR MORE BETWEEN THE WHOLESALE LEVEL AND RETAIL SALES. THE DATA INCLUDE HIGHWAY USE, NONHIGHWAY USE, AND LOSSES. SINCE THE DATA 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 EXCEPT BY COINCIDENCE. ADJUSTMENTS ARE MADE IN THE ANNUAL DATA TO ELIMINATE "EXPORTS AND MILITARY FUEL" AND TO ESTABLISH A MAXIMUM OF ONE PERCENT FOR PERCENTAGE LOSSES. ADJUSTMENTS WERE ALSO MADE TO REPORTED DATA FOR SOME STATES TO EXCLUDE JET FUEL.

MONTHLY GASOHOL REPORTED BY STATES - 1989¹

COMPILED FOR THE CALENDAR YEAR
FROM STATE FUEL TAX REPORTS

(THOUSANDS OF GALLONS)

TABLE MF-330LA
SEPTEMBER 1990

STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	1988 GALLONAGE
ALABAMA	29,892	27,949	14,590	16,629	13,945	11,532	12,237	13,149	12,538	14,996	13,996	14,272	195,725	416,308
ALASKA	-	9	3	-	-	-	-	-	-	-	-	-	12	215
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	37,316	30,512	33,507	28,644	30,799	27,268	31,649	31,985	32,335	31,484	25,896	27,790	369,185	489,235
COLORADO	5,024	5,613	6,338	4,695	5,377	4,613	4,106	5,763	3,135	14,699	1,822	9,337	70,522	50,707
CONNECTICUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	17	30	32	30	33	38	40	22	-	45	32	14	333	446
FLORIDA	7,485	6,799	6,592	8,359	7,226	7,022	6,431	5,928	5,816	5,242	5,509	5,254	77,657	76,312
GEORGIA	1,751	1,854	2,257	2,642	2,114	2,008	2,278	2,952	2,586	2,954	3,098	3,771	30,265	6,291
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	4,069	5,561	5,263	3,520	6,377	2,275	3,841	8,424	6,814	6,084	6,288	6,314	64,830	45,012
ILLINOIS	102,262	95,095	110,069	103,186	113,755	104,282	108,231	108,372	102,562	108,729	106,750	115,223	1,278,517	1,406,620
INDIANA	48,575	48,575	48,575	55,246	55,246	55,246	48,310	48,310	48,310	51,309	51,309	51,309	610,320	651,544
IOWA	36,460	27,468	31,942	31,831	33,302	31,726	32,826	33,028	29,085	31,985	30,408	35,930	385,991	402,844
KANSAS	11,507	10,714	9,889	8,965	8,462	7,584	7,044	7,232	6,567	6,634	6,657	7,589	98,844	120,763
KENTUCKY	38,067	36,893	42,228	39,063	32,479	28,526	33,485	31,966	33,016	32,067	31,944	24,125	403,859	656,846
LOUISIANA	3,303	4,252	3,506	4,192	4,034	10,525	3,245	3,384	3,787	2,870	5,633	3,967	52,698	79,635
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN	35,340	33,868	39,969	35,466	39,824	26,921	33,209	34,545	29,916	31,288	31,766	30,602	402,714	499,565
MINNESOTA	10,456	14,706	13,731	13,394	14,909	14,340	14,504	14,369	12,766	15,340	13,809	18,175	170,499	171,929
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI 2/	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	157,056	134,832
MONTANA	2	3	3	16	4	17	5	1	5	9	3	15	80	257
NEBRASKA	19,720	20,230	23,387	20,465	22,971	24,628	21,939	24,133	22,174	22,734	23,763	24,938	271,082	258,073
NEVADA	3,932	3,499	3,375	3,184	2,966	2,897	2,511	2,632	2,443	2,495	2,559	4,849	37,942	56,716
NEW HAMPSHIRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	7,871	20,560	15,242	14,475	13,669	11,921	12,699	12,134	12,134	13,563	16,175	20,834	171,297	147,656
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA	2,221	4,024	3,219	3,156	3,277	3,727	3,153	3,146	2,880	3,156	2,804	3,223	37,966	44,317
OHIO	73,350	68,756	74,637	78,398	80,773	79,020	77,120	78,694	77,742	77,451	82,825	80,413	929,379	981,874
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	5,093	5,187	6,489	6,153	6,124	5,277	6,643	8,131	7,569	8,861	8,030	8,897	82,454	102,333
SOUTH DAKOTA	4,102	4,236	5,066	4,535	5,098	5,308	5,160	5,258	4,475	4,311	4,218	4,817	58,524	58,150
TENNESSEE	34,015	46,652	50,299	57,613	45,207	34,912	24,440	23,474	22,310	9,998	11,361	13,109	373,391	580,227
TEXAS	41,607	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	216,607	341,682
UTAH	69	35	60	43	-	48	-	41	50	42	42	42	472	358
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	22,352	18,211	21,654	21,077	19,920	24,139	20,742	20,904	19,446	21,044	20,115	22,189	251,793	282,181
WASHINGTON	3,946	4,420	5,423	5,301	5,118	5,405	5,180	5,417	5,256	5,008	5,512	8,184	64,169	54,519
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	3,773	3,256	4,313	2,436	3,217	3,646	3,615	6,326	2,075	5,291	3,974	5,698	47,620	20,175
WYOMING	7	5	6	6	5	5	301	358	381	427	622	545	2,668	62
U.S. TOTAL	606,672	577,078	609,752	600,808	604,259	562,944	553,032	568,366	536,241	558,204	550,002	584,513	6,911,871	8,137,683

1/ THIS TABLE SHOWS GROSS GALLONS OF GASOHOL (ETHANOL BLENDS) REPORTED BY THE STATES. THE DATA ARE OBTAINED FROM STATE TAXATION REPORTS. IN STATES WHERE GASOHOL IS TAXED AT THE SAME RATE AS GASOLINE, SOME GASOHOL GALLONAGE MAY BE COMINGLED WITH

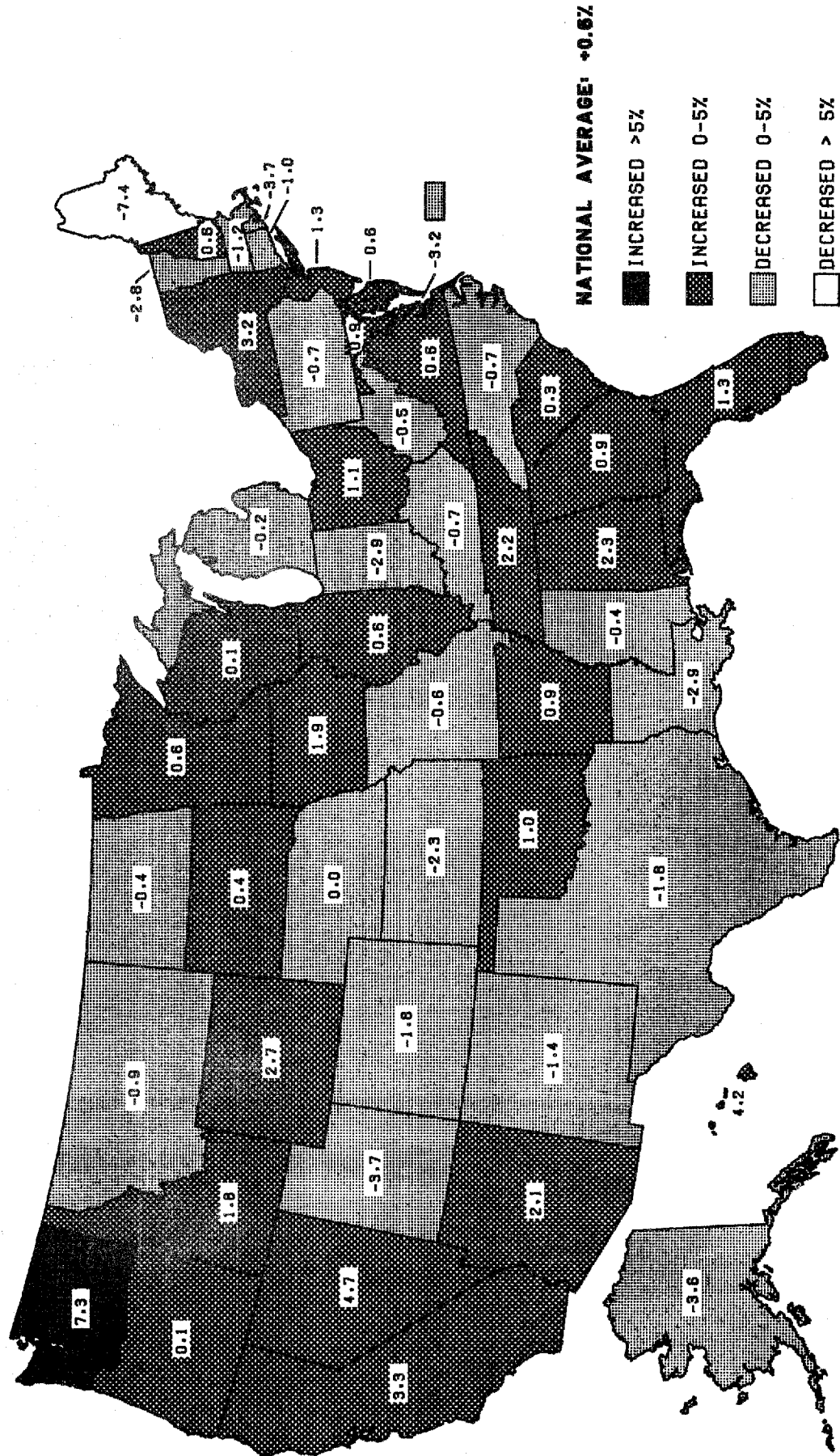
GASOLINE DATA.

2/ TOTAL GALLONAGE PROVIDED BY STATE AND DISTRIBUTED MONTHLY BY THE FEDERAL HIGHWAY ADMINISTRATION.

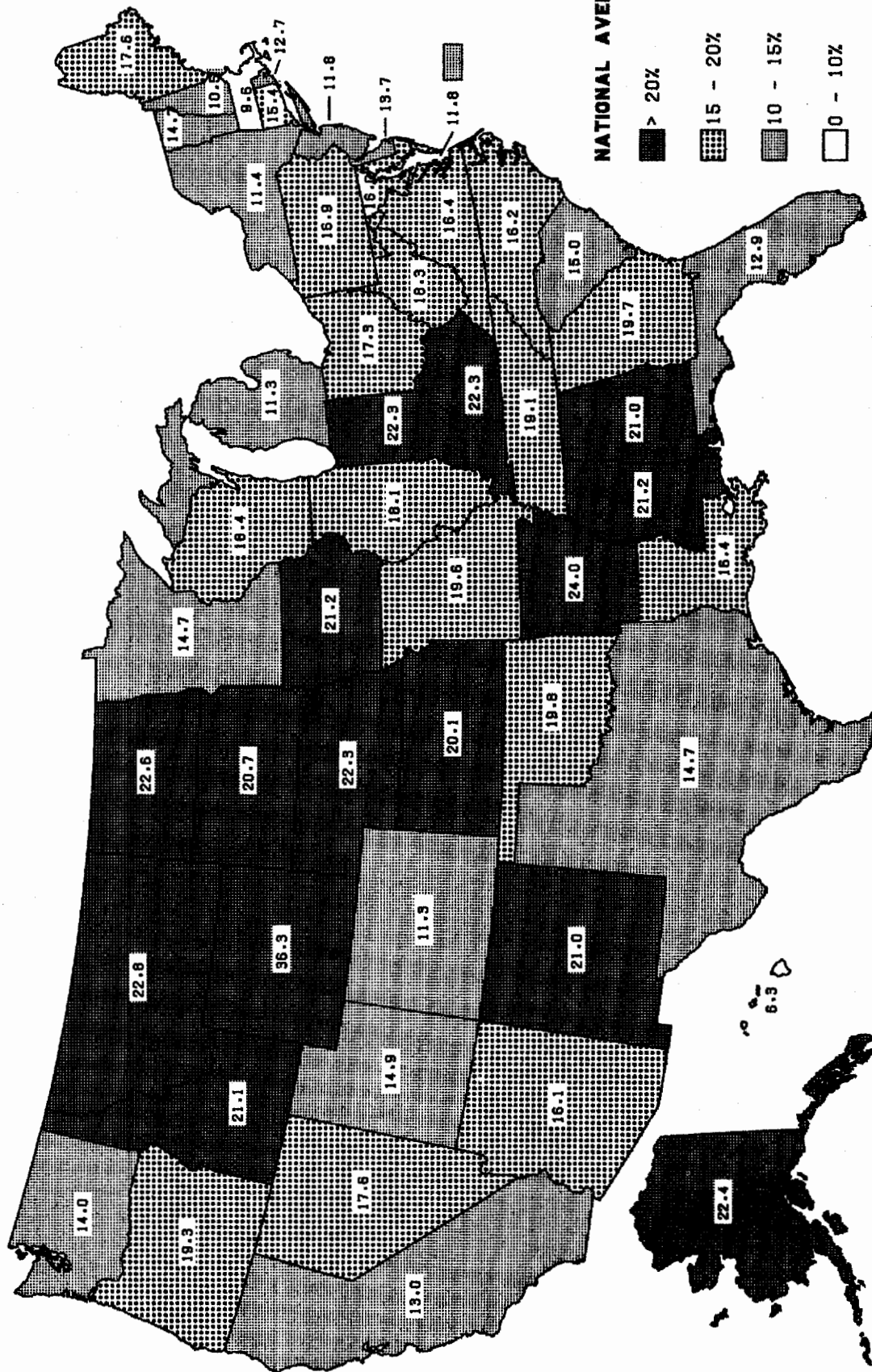
Motor Fuel

PERCENT CHANGE IN HIGHWAY USE OF GASOLINE

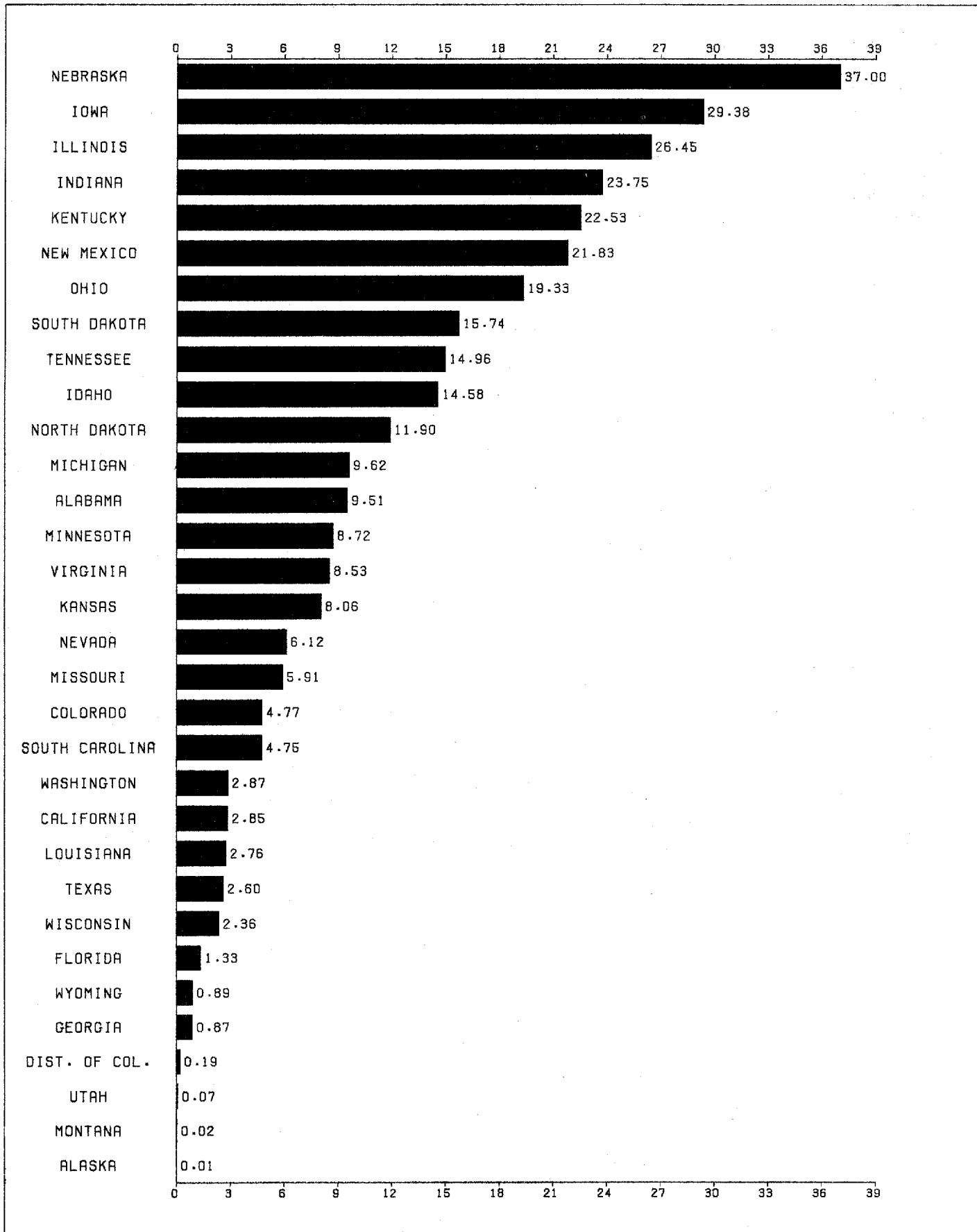
1988 - 1989



SPECIAL FUELS AS PERCENT OF TOTAL HIGHWAY USE OF MOTOR FUEL - 1989



GASOHOL AS A PERCENT OF HIGHWAY USE GASOLINE - 1989



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

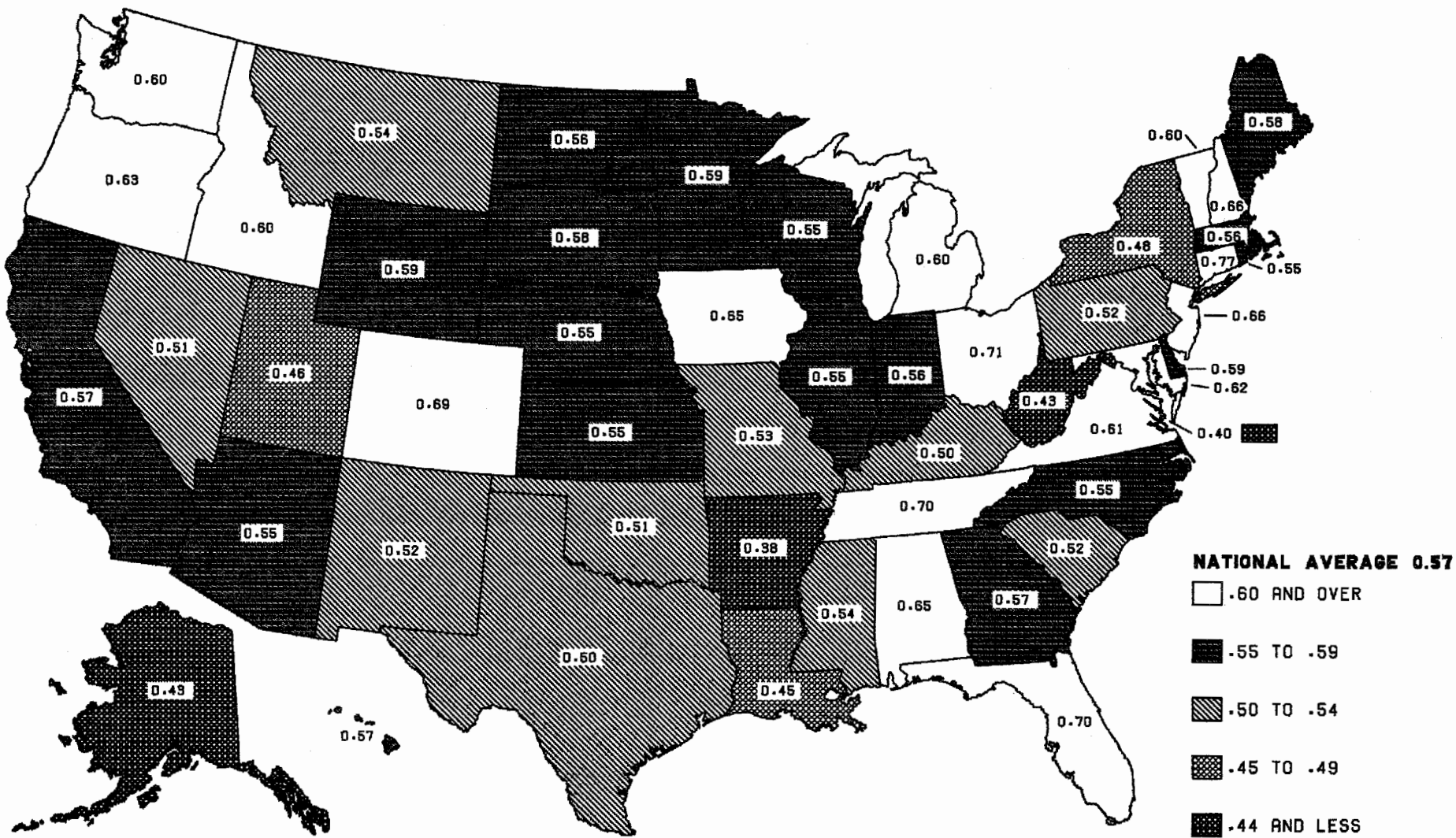
detail of motor-vehicle data has improved in recent years, it is not yet possible to obtain from all States separate data on single-unit trucks and combinations. Some States provide data for light trucks and truck tractors, but for many States, the FHWA estimates this information using other data sources, 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 - 1989



STATE MOTOR-VEHICLE REGISTRATIONS - 1989¹

COMPILED FOR THE CALENDAR YEAR FROM REPORTS OF STATE AUTHORITIES AND OTHER SOURCES 2/

TABLE MV-1
SEPTEMBER 1990

STATE	MOTOR VEHICLES															MOTORCYCLES	
	AUTOMOBILES			BUSES			TRUCKS			ALL MOTOR VEHICLES			COMPARISON OF TOTAL MOTOR-VEHICLE REGISTRATIONS, 1988-1989			PRIVATE AND COMMERCIAL	PUBLICLY OWNED 3/
	PRIVATE AND COMMERCIAL (INCLUDING TAXICABS)	PUBLICLY OWNED 3/	TOTAL	PRIVATE AND COMMERCIAL 4/	PUBLICLY OWNED 3/	TOTAL	PRIVATE AND COMMERCIAL	PUBLICLY OWNED 3/	TOTAL	PRIVATE AND COMMERCIAL	PUBLICLY OWNED 3/	TOTAL	TOTAL REGISTRATIONS	INCREASE OR DECREASE 1989	PERCENT-AGE CHANGE		
ALABAMA	2,667,067	13,376	2,670,443	2,112	6,258	8,370	920,688	23,500	944,391	3,580,067	43,137	3,623,204	3,880,981	-257,777	-6.6	46,466	474
ALASKA	228,276	2,333	230,609	1,792	326	2,118	123,725	7,292	131,017	353,792	9,951	363,743	361,883	1,860	0.5	8,267	7
ARIZONA	1,843,549	14,732	1,858,281	1,379	2,330	4,309	797,787	14,833	812,620	2,742,715	32,555	2,775,270	2,704,872	70,398	2.6	80,698	740
ARKANSAS	915,141	6,922	922,063	1,146	4,130	5,272	493,755	9,988	503,743	1,410,044	23,024	1,433,068	1,427,050	6,018	0.4	15,122	20
CALIFORNIA	16,563,130	165,260	16,718,390	24,035	14,819	38,854	4,705,977	207,922	4,913,899	21,293,142	377,991	21,671,133	21,336,964	334,169	1.6	631,566	11,698
COLORADO	2,280,819	8,909	2,289,827	1,465	4,060	5,516	836,730	21,765	858,495	3,119,104	34,734	3,153,838	2,923,471	230,367	7.9	112,244	61
CONNECTICUT	2,482,044	10,134	2,492,238	8,091	721	8,812	5/ 128,780	2,333	150,093	2,618,896	32,248	2,651,143	2,651,927	-784	-0.0	52,896	900
DELAWARE	397,903	4,763	402,666	1,610	105	1,715	114,360	2,650	117,010	513,873	7,718	521,591	511,940	9,651	1.9	8,641	23
DIST. OF COL.	236,618	3,610	242,228	2,438	343	2,781	8,774	6,151	13,925	249,830	9,104	258,934	264,023	-5,089	-1.9	2,130	478
FLORIDA	8,891,893	80,831	8,972,724	4,878	91,369	96,247	2,081,032	116,901	2,197,933	10,973,803	229,101	11,206,904	10,983,654	223,250	2.0	198,522	5,261
GEORGIA	3,635,660	16,030	3,651,690	3,330	16,366	19,696	1,438,334	41,590	1,480,024	5,197,933	73,094	5,271,027	5,196,220	74,267	1.4	71,842	563
HAWAII	636,193	5,011	641,204	3,337	889	4,226	85,408	5,555	90,963	724,333	11,454	735,787	704,711	31,082	4.5	18,236	191
IDAHO	811,471	5,026	816,496	1,248	2,384	3,632	398,352	20,565	418,917	1,011,071	27,974	1,039,045	940,178	98,867	10.5	43,086	161
ILLINOIS	6,389,099	67,154	6,456,253	15,329	2,351	17,680	1,546,581	21,181	1,567,762	7,931,008	90,686	8,021,694	7,864,935	156,760	2.0	225,351	214
INDIANA	3,157,818	16,030	3,173,848	9,351	11,073	21,224	1,092,350	32,048	1,124,398	4,260,113	62,183	4,322,302	4,135,246	187,056	3.7	96,729	407
IOWA	1,835,501	9,774	1,845,275	1,370	7,692	9,062	304,885	24,048	328,933	2,541,766	41,514	2,583,270	2,557,746	15,524	0.6	182,531	178
KANSAS	1,383,806	6,956	1,390,762	1,558	2,202	3,760	575,681	16,442	592,123	1,961,045	25,602	1,986,647	2,209,913	-223,266	-10.1	74,657	290
KENTUCKY	1,889,955	21,102	1,911,057	1,875	7,341	9,216	906,696	45,574	952,160	2,768,416	74,617	2,843,033	2,795,077	47,956	1.7	33,998	75
LOUISIANA	1,962,782	23,799	1,986,581	14,039	4,627	18,666	959,614	17,355	976,969	2,430,315	45,782	2,476,097	2,337,548	138,548	5.9	33,865	406
MAINE	713,036	4,646	717,682	617	2,218	2,835	209,183	9,702	218,885	922,835	15,466	938,301	936,215	1,086	0.1	35,361	43
MARYLAND	2,890,408	11,504	2,901,912	6,626	4,387	11,013	595,424	18,078	613,502	3,492,458	34,989	3,527,427	3,468,247	59,180	1.7	55,130	168
MASSACHUSETTS	3,231,912	13,385	3,245,297	10,622	4,222	14,844	459,807	28,400	488,207	3,762,241	42,217	3,804,458	3,818,312	-13,854	-0.4	57,645	6
MICHIGAN	5,534,745	42,008	5,576,753	8,955	13,741	22,706	1,472,356	86,768	1,559,124	7,016,068	122,517	7,138,585	7,141,481	-2,308	-0.0	169,036	1,236
MINNESOTA	2,558,405	9,050	2,567,455	6,672	7,143	13,215	582,436	20,186	602,622	3,246,913	36,719	3,283,632	3,210,357	72,935	2.3	118,168	238
MISSISSIPPI	1,419,793	7,343	1,427,136	3,145	5,537	8,682	418,306	12,957	431,263	1,841,244	26,837	1,868,081	1,786,859	80,222	4.5	25,981	2
MISSOURI	2,713,094	6,814	2,720,908	4,062	7,824	11,886	1,091,451	15,047	1,106,498	3,814,597	29,365	3,843,962	3,794,442	49,540	1.3	62,994	39
MONTANA	436,771	4,493	451,264	1,082	1,367	2,449	292,614	1,987	294,601	1,358,888	25,836	1,384,724	1,326,232	58,492	2.5	25,477	193
NEBRASKA	887,597	8,743	896,340	1,109	3,819	4,928	447,182	13,274	460,456	1,355,888	25,836	1,381,724	1,326,232	55,492	2.5	23,477	193
NEVADA	571,734	9,138	580,872	1,503	241	1,744	231,034	12,073	243,107	804,271	21,452	825,723	805,303	17,420	2.2	17,461	438
NEW HAMPSHIRE	735,656	3,667	739,323	1,353	317	1,670	1,360,478	21,804	1,382,282	2,768,416	45,782	2,814,198	2,795,077	19,121	0.7	35,869	1
NEW JERSEY	5,100,938	53,425	5,154,363	14,733	3,051	17,784	386,745	77,435	464,181	5,502,414	133,916	5,636,330	5,537,852	98,478	1.8	111,101	1,297
NEW MEXICO	794,366	11,234	805,599	2,579	848	3,427	468,425	17,070	485,495	1,265,969	28,152	1,294,121	1,266,560	27,961	2.2	35,676	214
NEW YORK	8,696,000	65,834	8,761,834	19,304	10,789	30,093	5/ 1,223,348	61,264	1,284,612	9,876,552	141,887	10,018,439	9,837,608	182,931	1.8	205,203	842
NORTH CAROLINA	3,821,951	24,553	3,846,504	9,054	10,281	19,335	1,360,478	21,804	1,382,282	5,011,493	51,771	5,063,264	5,022,626	90,896	1.8	55,844	239
NORTH DAKOTA	371,176	3,283	374,459	550	1,633	2,183	232,018	7,638	239,656	923,743	12,452	936,195	935,084	1,111	0.1	12,674	63
OHIO	7,738,303	28,602	7,766,905	10,778	22,244	33,020	1,658,393	54,800	1,713,193	9,408,472	105,446	9,513,918	8,612,018	901,900	10.6	258,933	411
OKLAHOMA	1,889,567	9,124	1,898,691	1,815	11,143	12,958	850,881	35,814	886,695	2,512,273	56,181	2,568,454	2,554,018	14,436	0.6	60,863	295
OREGON	1,771,709	18,065	1,789,774	3,875	6,588	10,463	1,026,112	11,060	1,037,172	2,838,488	47,255	2,885,737	2,835,591	50,146	1.8	57,018	821
PENNSYLVANIA	6,309,087	38,046	6,347,133	24,229	6,589	30,818	5/ 1,479,516	51,912	1,531,428	7,812,892	96,547	7,909,439	7,765,029	144,350	1.8	177,389	939
RHODE ISLAND	582,810	2,865	585,675	1,543	11	1,554	108,036	6,321	114,357	1,133,367	13,367	1,146,734	1,146,734	-237	-0.0	27,981	95
SOUTH CAROLINA	1,832,122	8,367	1,840,489	4,590	9,283	13,873	594,493	20,115	614,608	2,431,205	37,735	2,468,940	2,413,912	55,028	2.3	29,951	189
SOUTH DAKOTA	417,810	2,295	420,105	609	1,360	2,049	275,143	11,060	286,203	890,645	14,744	905,389	892,632	12,756	1.4	29,942	86
TENNESSEE	3,435,562	16,201	3,451,763	3,134	10,057	13,191	810,723	40,023	850,746	4,243,419	56,283	4,300,702	4,225,490	75,212	1.8	61,581	181
TEXAS	8,415,243	146,027	8,561,270	16,423	44,988	60,411	3,764,010	188,884	3,952,894	12,184,876	379,879	12,564,755	12,406,213	158,542	1.3	187,687	3,833
UTAH	787,778	6,324	794,102	401	756	1,157	365,821	11,781	377,602	1,154,000	20,881	1,174,881	1,159,435	15,426	1.3	28,000	179
VERMONT	339,844	540	340,384	540	1,435	1,975	114,795	4,087	118,882	484,589	7,916	492,505	482,846	8,659	1.8	18,849	790
VIRGINIA	3,703,177	33,016	3,736,193	2,471	14,628	17,097	1,074,451	31,957	1,106,408	4,700,129	78,659	4,778,788	4,670,337	108,451	2.3	61,411	770
WASHINGTON	2,869,667	16,771	2,886,438	4,796	4,796	9,592	1,172,254	33,847	1,206,101	4,034,716	55,414	4,090,130	3,887,314	202,816	5.2	125,050	970
WEST VIRGINIA	809,301	19,094	828,395	966	2,868	3,833	350,700	37,032	387,732	1,154,966	58,984	1,213,950	1,286,634	-72,684	-6.0	17,646	742
WISCONSIN	2,318,437	13,633	2,332,070	8,318	4,108	12,426	784,884	35,646	820,530	3,419,524	61,488	3,481,012	3,501,106	-430,098	-11.0	212,879	614
WYOMING	281,677	5,164	286,841	934	1,447	2,381	190,379	6,988	197,367	472,390	13,559	485,949	481,988	3,961	0.8	16,793	61
TOTAL	141,955,884	1,126,569	143,082,453	276,039	350,001	626,040	41,871,007	1,863,057	43,734,064	184,101,930	3,156,617	187,258,547	184,353,574	2,868,873	1.6	4	

PUBLICLY OWNED VEHICLES - 1989¹

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

TABLE MV-7
SEPTEMBER 1990

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	1,415	95	3,637	5,087	13	1	11,961	6,223	19,866	38,050	941	473	43,137	954	474
ALASKA	428	67	2,370	2,865	118	-	1,905	259	4,922	7,086	336	7	9,951	454	7
ARIZONA	1,893	397	6,835	9,065	86	43	12,899	2,593	7,998	23,490	3,468	697	32,555	3,554	740
ARKANSAS	789	26	2,035	2,850	5	3	8,133	4,088	7,953	20,174	261	17	23,024	266	20
CALIFORNIA	10,763	417	33,081	44,261	331	47	144,487	14,402	174,841	333,790	36,670	11,651	377,991	37,001	11,698
COLORADO	1,480	38	6,500	8,018	72	14	7,428	4,022	15,266	26,716	2,027	47	34,734	2,099	61
CONNECTICUT	750	11	3,236	3,997	11	-	9,444	710	18,097	28,251	2,361	300	32,248	2,372	300
DELAWARE	231	5	572	808	6	-	4,532	100	2,278	6,910	502	23	7,718	508	23
DIST. OF COL.	2,157	245	2,799	5,201	135	116	1,453	98	2,352	3,903	308	362	9,104	443	478
FLORIDA	4,013	185	11,088	15,286	163	7	76,818	31,184	105,813	213,815	25,728	5,254	229,101	25,891	5,261
GEORGIA	2,111	94	5,405	7,610	115	4	19,919	15,272	36,293	65,484	2,529	589	73,094	2,644	593
HAWAII	435	25	1,275	1,735	4	2	4,576	864	4,280	9,720	674	189	11,455	678	191
IDAHO	562	133	3,641	4,336	53	7	4,463	2,251	16,924	23,638	3,211	154	27,974	3,264	161
ILLINOIS	2,975	76	7,894	10,945	207	-	64,179	2,275	13,287	79,741	1,059	214	90,686	1,266	214
INDIANA	1,170	49	3,283	4,502	35	1	17,092	11,824	28,765	57,681	1,884	406	62,183	1,919	407
IOWA	585	12	2,432	3,029	18	-	9,189	7,680	21,616	38,485	2,672	176	41,514	2,690	176
KANSAS	675	11	2,343	3,029	21	-	6,283	2,191	14,099	22,573	821	290	25,602	842	290
KENTUCKY	1,341	141	3,234	4,716	54	1	19,761	7,800	42,340	69,901	608	74	74,517	652	75
LOUISIANA	1,375	22	3,572	4,969	23	4	22,424	4,605	13,784	40,813	2,141	402	45,782	2,154	406
MAINE	363	11	894	1,268	7	5	4,183	2,207	8,808	15,198	2,536	44	16,466	2,545	49
MARYLAND	2,178	135	5,079	7,392	92	28	9,326	4,252	13,999	27,577	353	140	34,969	445	168
MASSACHUSETTS	2,250	74	5,064	7,388	65	6	11,145	348	23,336	34,829	145	-	42,217	210	6
MICHIGAN	2,211	69	6,461	8,741	76	3	39,797	13,672	60,307	113,778	4,052	1,235	122,517	4,128	1,238
MINNESOTA	1,269	7	4,046	5,322	73	-	7,781	7,136	16,140	31,057	2,684	238	36,379	2,757	238
MISSISSIPPI	1,127	70	2,571	3,768	28	2	6,215	5,467	10,386	22,069	1,128	-	25,837	1,156	2
MISSOURI	2,574	32	3,500	6,106	111	9	4,240	7,492	11,547	23,279	366	36	29,385	477	39
MONTANA	743	17	3,649	4,409	47	4	3,750	868	9,437	14,065	1,929	97	18,464	1,976	101
NEBRASKA	906	9	2,018	2,933	11	2	7,837	3,810	11,256	22,903	785	191	25,836	796	193
NEVADA	965	126	4,692	5,783	42	-	8,173	115	7,381	15,659	1,097	499	21,452	1,139	499
NEW HAMPSHIRE	499	2	803	1,304	3	-	3,192	315	9,663	13,070	1,072	-	14,374	1,076	-
NEW JERSEY	1,854	51	7,501	9,406	143	-	51,575	3,000	69,935	124,510	100	1,297	133,916	243	1,297
NEW MEXICO	1,142	275	4,955	6,372	124	12	10,092	573	12,115	22,780	2,587	202	29,152	2,711	214
NEW YORK	7,045	197	13,283	20,525	316	14	62,789	10,692	47,981	121,362	3,541	828	141,887	3,857	842
NORTH CAROLINA	1,523	49	3,919	5,491	40	15	23,040	25,342	47,858	96,240	7,157	218	101,731	7,197	233
NORTH DAKOTA	501	59	1,395	1,955	8	3	2,782	1,574	6,141	10,497	603	60	12,452	611	63
OHIO	2,600	75	6,570	9,245	111	-	26,002	22,169	48,030	98,201	4,709	411	105,446	4,820	411
OKLAHOMA	1,265	122	3,537	4,924	31	15	7,859	11,021	32,977	51,257	1,572	280	56,181	1,603	295
OREGON	1,161	62	6,566	7,779	88	2	17,714	6,524	15,238	39,476	7,524	619	47,255	7,612	621
PENNSYLVANIA	4,241	110	9,252	13,603	182	9	39,805	6,479	42,660	82,944	3,535	930	96,547	3,717	939
RHODE ISLAND	200	5	806	1,011	7	-	2,655	6	4,515	7,176	656	95	8,187	663	95
SOUTH CAROLINA	1,326	29	3,558	4,913	29	2	7,031	9,234	16,557	32,822	942	187	37,735	971	189
SOUTH DAKOTA	470	106	1,928	2,504	27	10	1,825	1,254	9,161	12,240	1,223	56	14,744	1,250	66
TENNESSEE	2,810	71	6,938	9,819	63	26	13,391	9,986	33,087	56,464	279	155	66,283	342	161
TEXAS	5,273	224	16,822	22,319	161	15	140,754	44,764	172,042	357,560	27,206	3,618	379,879	27,967	3,893
UTAH	777	34	3,232	4,043	67	24	7,547	722	8,549	16,818	368	155	20,861	495	179
VERMONT	278	4	348	630	2	-	1,755	791	3,739	6,285	552	-	6,915	554	-
VIRGINIA	2,127	218	6,411	8,756	54	8	30,889	14,408	25,546	70,843	2,605	362	75,599	2,659	370
WASHINGTON	2,343	176	9,122	11,641	141	12	14,428	4,620	24,725	43,773	1,981	768	55,414	2,122	780
WEST VIRGINIA	735	40	1,450	2,225	8	2	18,359	2,818	35,582	58,759	4,605	740	58,984	4,613	742
WISCONSIN	925	21	3,455	4,401	25	-	10,698	4,145	32,240	47,083	1,477	614	51,484	1,502	614
WYOMING	324	9	2,118	2,451	79	9	4,840	1,438	4,870	11,148	1,691	52	13,599	1,770	61
TOTAL	89,143	4,418	257,175	350,736	3,731	481	1,036,416	345,583	1,425,882	2,807,881	179,263	35,492	3,158,617	162,994	35,973

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 - 1989¹

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

TABLE MV-9
SEPTEMBER 1990

STATE	PRIVATE AND COMMERCIAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL	TOTAL TRUCKS REGISTERED 1989	COMPARISON OF TOTAL TRUCK REGISTRATIONS, 1988-1989			PARTIAL CLASSIFICATION OF PRIVATE AND COMMERCIAL TRUCKS REGISTERED IN 1989 ^{2/}		
					TOTAL 1988 TRUCK REGISTRATIONS	INCREASE OR DECREASE 1989	PERCENTAGE CHANGE	TRUCK TRACTORS ^{3/}	LIGHT TRUCKS ^{3/}	FARM TRUCKS ^{4/}
ALABAMA	920,888	3,637	19,866	944,391	952,724	-8,333	-0.9	36,152	845,564	17,284
ALASKA	123,725	2,370	4,922	131,017	130,570	447	0.3	1,974	116,972	342
ARIZONA	797,787	6,835	7,998	812,620	773,133	39,487	5.1	11,502	764,239	-
ARKANSAS	493,755	2,035	7,953	503,743	576,982	-73,239	-12.7	13,099	475,382	15,081
CALIFORNIA	4,705,977	33,081	174,841	4,913,899	4,802,909	110,990	2.3	73,531	3,741,398	-
COLORADO	836,730	6,500	15,266	858,496	795,954	62,542	7.9	10,229	758,476	98,549
CONNECTICUT	128,760	3,236	18,097	150,093	153,030	-2,937	-1.9	3,425	119,208	4/
DELAWARE	114,360	572	2,278	117,210	112,858	4,352	3.9	6,516	99,911	3,352
DIST. OF COL.	8,774	2,799	2,352	13,925	14,082	-157	-1.1	103	7,340	-
FLORIDA	2,081,032	11,088	105,813	2,197,933	2,234,913	-36,980	-1.7	59,621	1,719,874	-
GEORGIA	1,498,394	5,405	36,293	1,540,092	1,487,407	52,685	3.5	54,227	1,373,622	5/
HAWAII	85,406	1,275	4,280	90,963	86,777	4,186	4.8	1,352	80,840	-
IDAHO	398,352	3,641	16,924	418,917	342,466	76,451	22.3	6,486	366,063	-
ILLINOIS	1,546,581	7,894	13,287	1,567,762	1,443,443	124,319	8.6	68,756	1,245,681	34,353
INDIANA	1,092,950	3,283	28,765	1,124,998	1,078,561	46,437	4.3	43,871	928,559	43,493
IOWA	704,885	2,432	21,616	728,933	741,968	-13,035	-1.8	33,523	562,630	24,150
KANSAS	575,681	2,343	14,099	592,123	682,923	-90,800	-13.3	18,574	472,749	70,866
KENTUCKY	906,586	3,234	42,340	952,160	923,606	28,554	3.1	17,073	817,799	102,105
LOUISIANA	952,614	3,572	13,784	969,970	947,584	22,386	2.4	24,011	886,215	64,778
MAINE	209,183	894	8,808	218,885	226,409	-7,524	-3.3	6,160	180,230	6,073
MARYLAND	595,424	5,079	13,999	614,502	599,396	15,106	2.5	16,737	538,528	10,035
MASSACHUSETTS	469,807	5,064	23,336	498,207	485,334	12,873	0.6	16,270	416,052	8,291
MICHIGAN	1,472,356	6,461	60,307	1,539,124	1,562,865	-23,741	-1.5	54,066	1,244,265	60,102
MINNESOTA	682,436	4,046	16,140	702,622	693,917	8,705	1.3	20,169	520,733	42,198
MISSISSIPPI	418,306	2,571	10,386	431,263	415,833	15,430	3.7	8,038	390,437	5/
MISSOURI	1,091,451	3,500	11,547	1,106,498	1,074,932	31,566	2.9	36,375	960,552	80,907
MONTANA	284,880	3,649	9,437	297,966	290,543	7,423	2.6	9,857	247,775	68,770
NEBRASKA	447,182	2,018	11,256	460,456	446,213	14,243	3.2	22,230	349,659	147,040
NEVADA	231,034	4,692	7,381	243,107	232,338	10,769	4.6	3,478	205,105	-
NEW HAMPSHIRE	184,259	803	9,563	194,625	192,945	1,680	0.9	4,658	167,666	4/
NEW JERSEY	386,745	7,501	69,935	464,181	497,654	-33,483	-6.7	24,253	336,678	4/
NEW MEXICO	468,425	4,955	12,115	485,495	474,729	10,766	2.3	3,825	437,778	15,232
NEW YORK	1,223,348	13,283	47,981	1,284,612	1,251,278	33,334	2.7	20,065	1,096,998	4/
NORTH CAROLINA	1,380,478	3,919	47,858	1,432,255	1,391,956	40,299	2.9	56,914	1,220,589	96,700
NORTH DAKOTA	252,018	1,395	6,141	259,554	267,952	-8,398	-3.1	6,960	186,522	41,716
OHIO	1,659,393	6,570	48,030	1,713,993	1,574,578	139,415	8.9	74,381	1,452,936	34,968
OKLAHOMA	850,891	3,537	32,377	886,805	874,347	12,458	1.4	11,011	763,516	121,289
OREGON	556,112	6,565	15,238	577,916	556,547	21,369	3.8	15,212	471,698	16,500
PENNSYLVANIA	1,479,516	9,252	42,660	1,531,428	1,482,124	49,304	3.3	53,311	1,182,256	4/
RHODE ISLAND	108,036	806	4,515	113,357	113,964	-607	-0.5	3,087	94,860	4/
SOUTH CAROLINA	594,493	3,558	16,557	614,608	600,798	13,810	2.3	13,816	547,083	26,300
SOUTH DAKOTA	275,143	1,928	9,161	286,232	276,961	9,271	3.3	7,801	241,646	-
TENNESSEE	810,723	6,938	33,087	850,748	839,400	11,348	1.4	38,359	752,928	34,014
TEXAS	3,754,010	16,822	172,042	3,942,874	3,890,394	52,480	1.3	122,371	3,539,528	175,923
UTAH	365,821	3,232	8,549	377,602	371,338	6,264	1.7	9,438	340,642	6,000
VERMONT	114,705	348	3,739	118,792	116,996	1,796	1.5	2,096	105,307	3,264
VIRGINIA	1,074,481	6,411	25,546	1,106,438	1,028,983	77,455	7.5	29,352	960,853	20,843
WASHINGTON	1,172,264	9,122	24,725	1,206,111	1,126,375	79,736	7.1	26,618	1,059,888	27,008
WEST VIRGINIA	350,700	1,450	35,582	387,732	376,374	11,358	3.0	5,124	328,356	2,518
WISCONSIN	753,769	3,455	32,240	789,464	719,563	69,901	9.7	22,929	653,779	136,714
WYOMING	190,379	2,118	4,870	197,367	194,432	2,935	1.5	8,179	151,166	-
TOTAL	41,871,007	257,175	1,425,882	43,554,064	42,529,368	1,024,696	2.4	1,237,166	36,530,231	1,723,239

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, 7,646; NEW HAMPSHIRE, 3,068; NEW JERSEY, 5,768; NEW YORK, 25,386; PENNSYLVANIA, 22,279; AND RHODE ISLAND, 925.

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 - 1989

TABLE MV-10
SEPTEMBER 1990

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	1,932	180	2,112	35	6,223	6,258	6,403	1,967	8,370
ALASKA	1,253	539	1,792	67	259	326	798	1,320	2,118
ARIZONA	1,164	215	1,379	337	2,593	2,930	2,808	1,501	4,309
ARKANSAS	42	1,106	1,148	26	4,088	4,114	5,194	68	5,262
CALIFORNIA	14,859	9,176	24,035	417	14,402	14,819	23,578	15,276	38,854
COLORADO	613	842	1,455	38	4,022	4,060	4,864	651	5,515
CONNECTICUT	2,593	5,498	8,091	11	710	721	6,208	2,604	8,812
DELAWARE	332	1,278	1,610	5	100	105	1,378	337	1,715
DIST. OF COL.	2,292	146	2,438	245	98	343	244	2,537	2,781
FLORIDA	3,736	1,142	4,878	185	31,184	31,369	32,326	3,921	36,247
GEORGIA	1,146	2,184	3,330	94	15,272	15,366	17,456	1,240	18,696
HAWAII	2,646	891	3,337	25	864	889	1,555	2,671	4,226
IDAHO	849	399	1,248	133	2,251	2,384	2,650	982	3,632
ILLINOIS	5,181	10,148	15,329	76	2,275	2,351	12,423	5,257	17,680
INDIANA	4,156	5,195	9,351	49	11,824	11,873	17,019	4,205	21,224
IOWA	1,099	271	1,370	12	7,680	7,692	7,951	1,111	9,062
KANSAS	381	1,177	1,558	11	2,191	2,202	3,368	392	3,760
KENTUCKY	1,147	728	1,875	141	7,800	7,941	8,528	1,288	9,816
LOUISIANA	838	14,101	14,939	22	4,605	4,627	18,706	860	19,566
MAINE	176	441	617	11	2,207	2,218	2,648	187	2,835
MARYLAND	2,618	4,008	6,626	135	4,252	4,387	8,260	2,753	11,013
MASSACHUSETTS	3,478	7,144	10,622	74	348	422	7,492	3,552	11,044
MICHIGAN	2,484	6,481	8,965	69	13,672	13,741	20,153	2,553	22,706
MINNESOTA	2,237	3,895	6,072	7	7,136	7,143	10,971	2,244	13,215
MISSISSIPPI	805	2,340	3,145	70	5,467	5,537	7,807	875	8,682
MISSOURI	1,076	2,976	4,052	32	7,492	7,524	10,468	1,108	11,576
MONTANA	405	677	1,082	17	868	885	1,545	422	1,967
NEBRASKA	530	579	1,109	9	3,810	3,819	4,389	539	4,928
NEVADA	1,342	161	1,503	126	115	241	276	1,468	1,744
NEW HAMPSHIRE	349	1,004	1,353	2	315	317	1,319	351	1,670
NEW JERSEY	5,291	9,442	14,733	51	3,000	3,051	12,442	5,342	17,784
NEW MEXICO	554	2,025	2,579	275	573	848	2,598	829	3,427
NEW YORK	12,449	6,855	19,304	197	10,592	10,789	17,447	12,646	30,093
NORTH CAROLINA	1,992	7,072	9,064	49	25,342	25,391	32,414	2,041	34,455
NORTH DAKOTA	102	448	550	59	1,574	1,633	2,022	161	2,183
OHIO	7,809	2,967	10,776	75	22,169	22,244	25,136	7,884	33,020
OKLAHOMA	348	1,467	1,815	122	11,021	11,143	12,488	470	12,958
OREGON	1,508	2,167	3,675	62	6,524	6,586	8,691	1,570	10,261
PENNSYLVANIA	8,318	15,911	24,229	110	6,479	6,589	22,390	8,428	30,818
RHODE ISLAND	290	1,253	1,543	5	6	11	1,259	295	1,554
SOUTH CAROLINA	862	3,728	4,590	29	9,234	9,263	12,962	891	13,853
SOUTH DAKOTA	294	395	689	106	1,254	1,360	1,649	400	2,049
TENNESSEE	1,742	1,392	3,134	71	9,986	10,057	11,378	1,813	13,191
TEXAS	3,057	12,366	15,423	224	44,764	44,988	57,130	3,281	60,411
UTAH	325	78	401	34	722	756	798	359	1,157
VERMONT	93	547	640	4	791	795	1,338	97	1,435
VIRGINIA	2,228	243	2,471	218	14,408	14,626	14,651	2,446	17,097
WASHINGTON	763	2,022	2,785	176	4,620	4,796	6,642	939	7,581
WEST VIRGINIA	900	65	965	40	2,818	2,858	2,883	940	3,823
WISCONSIN	1,504	6,814	8,318	21	4,145	4,166	10,959	1,525	12,484
WYOMING	806	128	934	9	1,438	1,447	1,566	815	2,381
TOTAL	112,994	162,045	275,039	4,418	345,583	350,001	507,628	117,412	625,040

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 - 1989¹

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

TABLE MV-11
SEPTEMBER 1990

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	51,444	41,819	22,087	115,350	13	941	954	116,304
ALASKA	9,910	-	43,031	52,941	118	336	454	53,395
ARIZONA	45,230	159,999	73,288	278,517	86	3,468	3,554	282,071
ARKANSAS	43,195	275,755	12,024	330,974	5	261	266	331,240
CALIFORNIA	565,703	844,656	402,729	1,813,088	331	36,670	37,001	1,850,089
COLORADO	62,011	186,033	78,329	326,373	72	2,027	2,099	328,472
CONNECTICUT	27,555	142,526	-	170,081	11	2,361	2,372	172,453
DELAWARE	16,614	26,528	-	43,142	6	502	508	43,650
DIST. OF COL.	95	1,018	-	1,113	135	308	443	1,556
FLORIDA	112,489	907,865	-	1,020,354	163	25,728	25,891	1,046,245
GEORGIA	88,176	358,571	25,307	472,054	115	2,529	2,644	474,698
HAWAII	3,746	15,772	-	19,518	4	674	678	20,196
IDAHO	13,685	94,488	32,138	140,311	53	3,211	3,264	143,575
ILLINOIS	215,822	406,147	82,891	704,860	207	1,059	1,266	706,126
INDIANA	73,589	237,887	63,771	375,247	35	1,884	1,919	377,166
IOWA	71,594	182,861	60,814	315,269	18	2,672	2,690	317,959
KANSAS	67,515	19,502	15,341	102,358	21	821	842	103,200
KENTUCKY	41,155	25,752	26,799	93,706	54	608	662	94,368
LOUISIANA	229,330	194,807	8,838	432,975	23	2,141	2,164	435,139
MAINE	390,968	109,603	-	500,571	7	2,538	2,545	503,116
MARYLAND	20,326	176,027	-	196,353	92	353	445	196,798
MASSACHUSETTS	32,540	152,796	-	185,336	65	145	210	185,546
MICHIGAN	90,242	595,595	96,453	782,290	76	4,052	4,128	786,418
MINNESOTA	110,079	450,986	69,983	631,048	73	2,684	2,757	633,805
MISSISSIPPI	26,567	59,989	8,842	95,398	28	1,128	1,156	96,554
MISSOURI	75,184	307,091	-	382,275	111	366	477	382,752
MONTANA	14,302	69,962	31,169	115,433	47	1,929	1,976	117,409
NEBRASKA	43,428	156,221	-	199,649	11	785	796	200,445
NEVADA	5,709	67,084	27,708	100,501	42	1,097	1,139	101,640
NEW HAMPSHIRE	9,066	79,913	-	88,979	3	1,072	1,075	90,054
NEW JERSEY	46,478	267,691	-	314,169	143	100	243	314,412
NEW MEXICO	17,899	40,849	73,127	131,875	124	2,587	2,711	134,586
NEW YORK	26,292	482,478	-	508,770	316	3,541	3,857	512,627
NORTH CAROLINA	87,078	418,998	4,034	510,110	40	7,157	7,197	517,307
NORTH DAKOTA	19,029	19,053	15,179	53,261	8	603	611	53,872
OHIO	137,593	375,675	106,448	619,716	111	4,709	4,820	624,536
OKLAHOMA	56,634	52,451	70,233	179,318	31	1,572	1,603	180,921
OREGON	39,749	107,710	127,042	274,501	88	7,524	7,612	282,113
PENNSYLVANIA	109,502	311,835	159,817	581,154	182	3,535	3,717	584,871
RHODE ISLAND	7,229	31,150	-	38,379	7	656	663	39,042
SOUTH CAROLINA	31,521	27,594	116	59,231	29	942	971	60,202
SOUTH DAKOTA	24,545	74,760	22,425	121,730	27	1,223	1,250	122,980
TENNESSEE	47,949	35,539	57	83,545	63	279	342	83,887
TEXAS	190,899	1,096,276	-	1,287,175	161	27,206	27,367	1,314,542
UTAH	11,398	60,753	41,849	114,000	67	368	435	114,435
VERMONT	3,328	54,067	-	57,395	2	552	554	57,949
VIRGINIA	72,036	147,574	63,098	282,708	54	2,605	2,659	285,367
WASHINGTON	129,956	311,826	86,981	528,763	141	1,981	2,122	530,885
WEST VIRGINIA	19,966	37,357	18,702	76,025	8	4,605	4,613	80,638
WISCONSIN	59,823	2,614	33,990	96,427	25	1,477	1,502	97,929
WYOMING	20,906	69,398	19,992	110,296	79	1,691	1,770	112,066
TOTAL	3,717,079	10,372,901	2,024,632	16,114,612	3,731	179,263	182,994	16,297,606

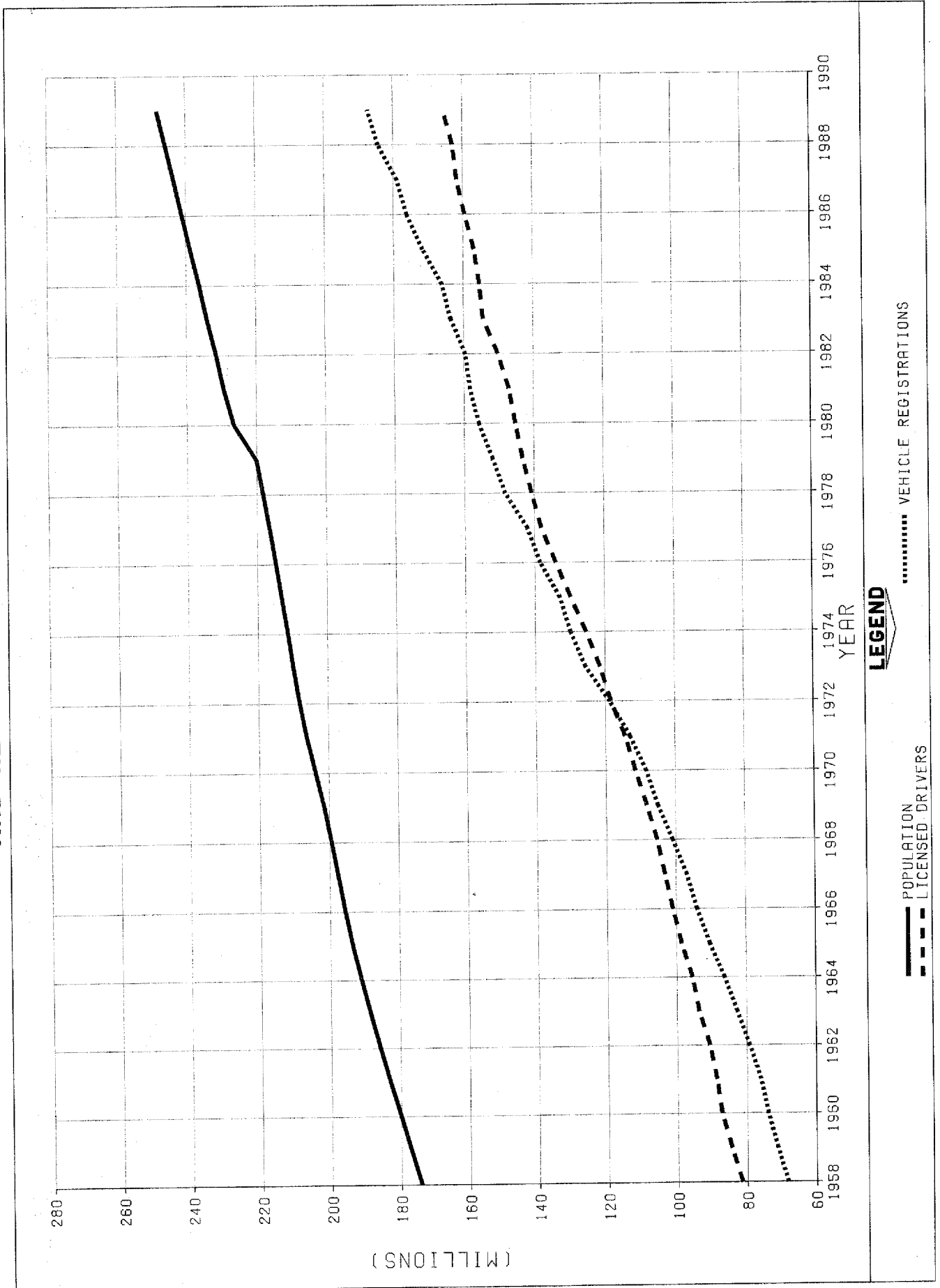
1/ THE COMPLETENESS OF DATA ON TRAILER REGISTRATIONS VARIES GREATLY. DATA ARE REPORTED TO THE EXTENT AVAILABLE AND IN SOME CASES ARE SUPPLEMENTED BY ESTIMATES OF THE FEDERAL HIGHWAY ADMINISTRATION.

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

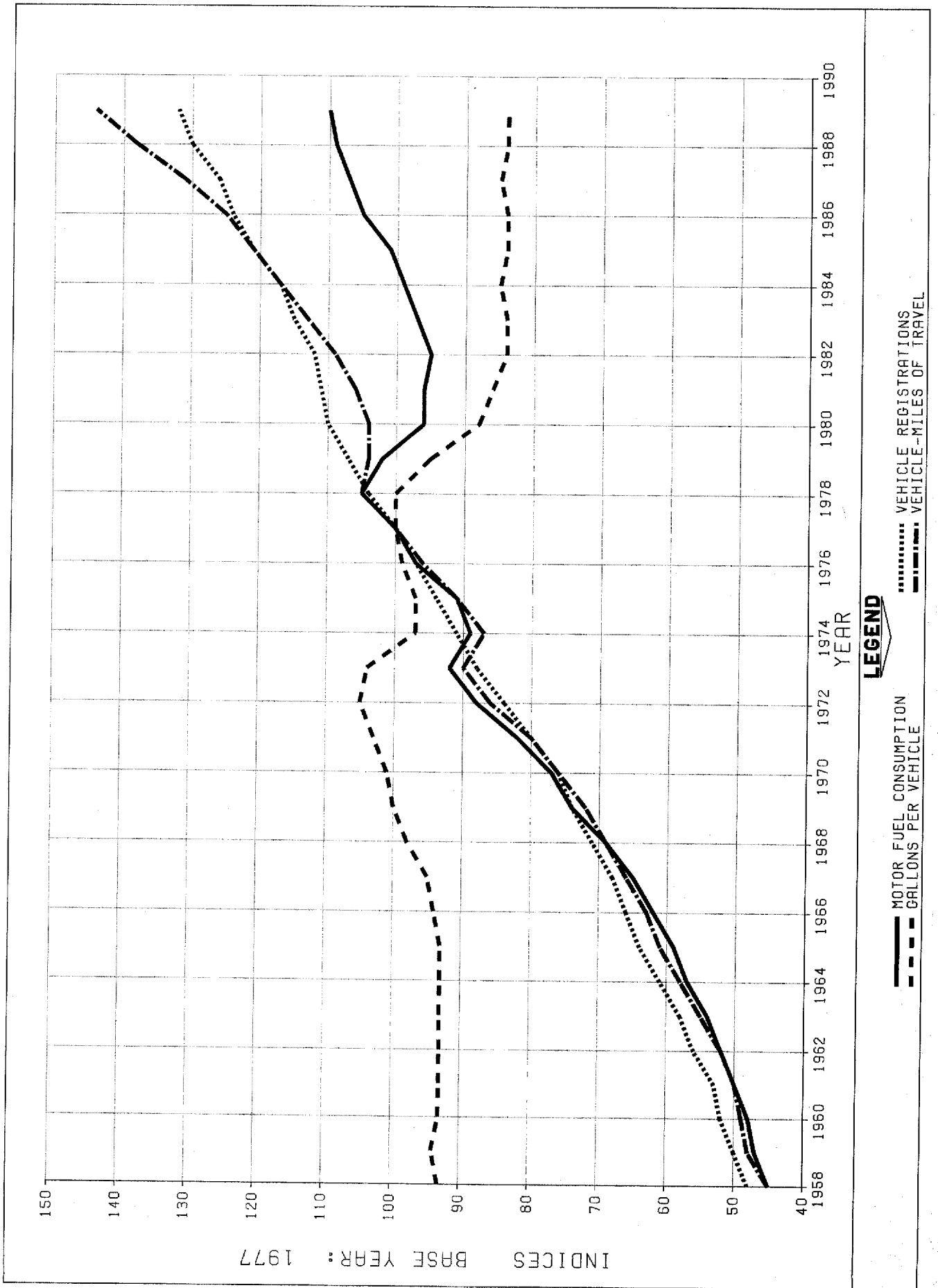
3/ SEVERAL STATES DO NOT REQUIRE THE REGISTRATION OF LIGHT FARM OR AUTOMOBILE TRAILERS.

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**



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 valid driver licenses in force 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.

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 - 1989¹

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

TABLE DL-1
SHEET 1 OF 5
SEPTEMBER 1990

STATE 2/	LEARNER PERMITS		DRIVER LICENSES					AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (EXCEPT MOTORCYCLE ONLY) 3/
	NUMBER ISSUED	AMOUNT OF FEE	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE			
							NEW AND RENEWAL	DUPLICATE		
ALABAMA	62,258	\$15.00	OPERATOR MOTORCYCLE MOTOR DRIVEN CYCLE	709,619	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	5/ \$15.00 4 YEARS 15.00 15.00	4/ \$5.00 4/ \$5.00 4/ \$5.00	2,843,587	
ALASKA	9,959	3.00	OPERATOR MOTORCYCLE MOTOR SCOOTER SCHOL BUS PERMIT	31,783 1,061 536	5 YEARS 5 YEARS 5 YEARS 1 YEAR	BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE	10.00 10.00 10.00 3.00	3.00 3.00 3.00 3.00	300,000 (10,000) 300,000	
ARIZONA*	54,470	25.00 25.00 12.50 7.00 7.00	CLASS A (SEMI COMBINATIONS) CLASS B (SEMI COMBINATIONS) CLASS C (LIGHT TRUCK) CLASS D (OPERATOR) CLASS M (MOTORCYCLE)	574,706	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	50.00 & 15.00 50.00 & 15.00 25.00 & 10.00 7.00 7.00	4.00 4.00 4.00 4.00 4.00	2,371,588	
ARKANSAS*	3,418	NO FEE	CLASS A (SEMI) CLASS B (SEMI) CLASS C (LIGHT TRUCK) CLASS D (OPERATOR)	645,280	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	62.25 62.25 62.25 14.25 14.25	5.00 5.00 5.00 5.00 5.00	1,710,953	
CALIFORNIA*	N.A.	(8/)	CLASS 1 (ANY VEHICLE EXCEPT CLASS 4) CLASS 2 (BUS, TRUCK) CLASS 3 (AUTOMOBILE) CLASS 4 (MOTORCYCLE, MOPED)	5,598,289	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	10.00 10.00 10.00 10.00	10.00 10.00 10.00 10.00	19,569,795	
COLORADO*	69,815	8/ 15.00	CLASS A (SEMI COMBINATIONS) CLASS B (SINGLE UNIT 3-AXLE TRUCKS) CLASS C (AUTOMOBILE, LIGHT TRUCK) CLASS S (BUS) CLASS M (ENDORSEMENT) (MOTORCYCLE)	34,873 5,046 622,832 15,604 8,877	9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS	BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/	15.00 15.00 15.00 15.00 4/ 6.50	4/ 5.00 4/ 5.00 4/ 5.00 4/ 5.00 -	103,892 16,293 1,917,241 46,973 31,527 2,115,926	
CONNECTICUT*	10/	10/ 3.25	OPERATOR - CLASS 1 (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS 2 (TRUCK) CLASS 3 (AUTOMOBILE) MOTORCYCLE PUBLIC SERVICE (FOR-HIRE)	N.A. N.A. N.A. N.A. N.A.	4 YEARS 4 YEARS 4 YEARS 4 YEARS 1 YEAR	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY JUNE 30	5/ 11/ 31.00 5/ 11/ 31.00 5/ 11/ 31.00 5/ 11/ 31.00 5/ 8.00	5.00 5.00 5.00 5.00 5.00	2,373,817	
DELAWARE*	32,351	8/ 10.00	CLASS A (AUTOMOBILE) CLASS B (BUS, TRUCK) CLASS C (ANY VEHICLE EXCEPT MOTORCYCLE) MOTORCYCLE ENDORSEMENT TAXICAB ENDORSEMENT	92,897 6,718 10,146 270	12/ 4 YEARS 12/ 4 YEARS 12/ 4 YEARS LIFETIME 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY - BIRTHDAY	12/ 10.00 12/ 10.00 12/ 10.00 12/ 5.00 3.00	5.00 5.00 5.00 - -	480,622	
DIST. OF COL.	32,893	7.00	OPERATOR MOTORCYCLE MOTORCYCLE ENDORSEMENT SCHOOL BUS	79,959	4 YEARS 4 YEARS - 1 YEAR	ISSUANCE ISSUANCE - ISSUANCE	15.00 15.00 5.00 NO FEE	5.00 5.00 - -	394,344	
FLORIDA	N.A.	8/ 19.00	OPERATOR CHAUFFEUR	1,572,435 228,733	2/ 4 YEARS 2/ 4 YEARS	BIRTHDAY BIRTHDAY	2/ 15.00 2/ 15.00	5.00 5.00	1/ 9,006,249	
GEORGIA*	158,281	1.00	CLASS C (NON-COMMERCIAL AUTO, LIGHT TRUCK) CLASS M (MOTORCYCLE) CLASS B (HEAVY TRUCK AND CLASS C) CLASS A (HEAVY TRUCK AND CLASSES B & C) VETERANS (ALL CLASSES)	1,282,503 57,279 20,399 38,630 170,726	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	4.00 4.00 8.00 8.00 NO FEE	- - - - -	4,048,174 (182,486) 92,913 176,479 4,317,566	
HAWAII*	89,013	13/ 3.00	OPERATOR - TYPE 1 (SCOOTER) TYPE 2 (MOTORCYCLE) TYPE 3 (AUTOMOBILE, LIGHT BUS & TRUCK) TYPE 4 (BUS) TYPE 5 (TRUCK) TYPE 6 (TRACTOR/SEMITRAILER) TYPE 7 (TRUCK/TRAILER) TYPE 8 (TYPES 4 AND 5) TYPE 9 (TYPES 4 AND 6) TYPE 10 (TYPES 4 AND 7) SCHOL BUS	319,086	13/ 2 & 4 YEARS	BIRTHDAY	13/ 5.50 & 8.50	13/ 3.00	657,166	

Driver Licensing

MOTOR-VEHICLE DRIVER LICENSES - 1989

TABLE DL-1
SHEET 2 OF 5
SEPTEMBER, 1990

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

STATE	LEARNER PERMITS		CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE (2-31-89) (FACE VALUE ONLY) * MOTORCYCLE 3/
	NUMBER ISSUED	AMOUNT OF FEE					NEW AND RENEWAL	DUPLICATE	
IDAHO	5/ 16,594	4.00	OPERATOR CHAUFFEUR	259,382 25,805	3 YEARS	BIRTHDAY	13-50 15-50	3.00 3.00	706,472
ILLINOIS*	162,035	8/ 20.00	CLASS A (AUTOMOBILE) CLASS B (LIGHT BUS, TRUCK) CLASS C (MOTORCYCLE) CLASS D (ANY VEHICLE EXCEPT CLASSES L AND M) CLASS E (MOPED) CLASS L (MOTORCYCLE) CLASS M (ENDORSEMENT) CLASS N (ENDORSEMENT) CLASS P (ENDORSEMENT)	1,545,364 76,700 51,848 21 7,323 124,654	14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS	BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/	15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00	5.00 5.00 5.00 5.00 5.00 5.00 5.00	7,205,156
INDIANA	130,808	8/ 2.00	OPERATOR CHAUFFEUR PUBLIC PASSENGER CHAUFFEUR MOTORCYCLE ENDORSEMENT	900,457 72,926 17,343 38 1,902	15/ 4 YEARS 4 YEARS 2 YEARS 2 & 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH BIRTH MONTH	15/ 6.00 9.00 6.00 9.00	3.00 3.00 3.00 3.00	3,836,030
IOWA*	45,385 2,586	5.00 12.00	OPERATOR (AUTOMOBILE, LIGHT TRUCK) CHAUFFEUR - UNRESTRICTED (ANY VEHICLE COMBINATION) RESTRICTION 4 (HEAVY VEHICLE EXCEPT COMBINATION) RESTRICTION 5 (ANY VEHICLE UNDER 5 TONS) RESTRICTION 6 (ANY VEHICLE UNDER 5 TONS) SCHOOL PERMIT MOPED	214,253 19,284 3,850 49 6,920	16/ 2 & 4 YEARS 16/ 2 & 4 YEARS 18TH BIRTHDAY 18TH BIRTHDAY	BIRTHDAY BIRTHDAY ISSUANCE	18/ 8.00 & 16.00 16/ 15.00 & 30.00 10.00 10.00 10.00	2.00 2.00 2.00 2.00	1,702,940 216,889 (100) (24) (24) 1,921,829
KANSAS*	22,589	2.00	CLASS A (TRUCK TRACTOR/COMBINATION) CLASS B (MOTORCYCLE) CLASS C (TRUCK, BUS, (CARGO FOR-HIRE) CLASS D (MOTORCYCLE) CLASS E (MOTORCYCLE) CLASS F (MOTORCYCLE) CLASS G (MOTORCYCLE) CLASS H (MOTORCYCLE) CLASS I (MOTORCYCLE) CLASS J (MOTORCYCLE) CLASS K (MOTORCYCLE) CLASS L (MOTORCYCLE) CLASS M (MOTORCYCLE) CLASS N (MOTORCYCLE) CLASS O (MOTORCYCLE) CLASS P (MOTORCYCLE) CLASS Q (MOTORCYCLE) CLASS R (MOTORCYCLE) CLASS S (MOTORCYCLE) CLASS T (MOTORCYCLE) CLASS U (MOTORCYCLE) CLASS V (MOTORCYCLE) CLASS W (MOTORCYCLE) CLASS X (MOTORCYCLE) CLASS Y (MOTORCYCLE) CLASS Z (MOTORCYCLE)	97,293 20,077 500,947 110 75,189	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 12.00 5/ 12.00 5/ 6.00 5/ 5.00 17.00	5.00 5.00 5.00 5.00 5.00	79,464 21,269 1,398,392 (225,249) (225,249) 1,703,196
KENTUCKY	136,644	2.00	OPERATOR CHAUFFEUR MOPED MOTORCYCLE ENDORSEMENT	687,891 41,947 50 1,588 22,878	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH BIRTH MONTH	8.00 8.00 8.00 8.00	2.00 2.00 2.00 2.00	2,392,052
LOUISIANA*	N.A.	12.50	CLASS A (AUTOMOBILE) CLASS B (TRUCK, BUS, (CARGO FOR-HIRE) CLASS C (TRUCK, BUS) CLASS D (ANY VEHICLE EXCEPT MOTORCYCLE) MOTORCYCLE ENDORSEMENT	631,158 81,007	17/ 5 YEARS 17/ 5 YEARS 17/ 5 YEARS 17/ 5 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	17/ 12.50 17/ 18/ 27.50 17/ 18/ 27.50 17/ 18/ 27.50	5.00 5.00 5.00 5.00	2,573,954
MAINE*	N.A.	19/ 25.00 19/ 25.00 19/ 10.00 19/ 10.00	CLASS 1 (ANY VEHICLE EXCEPT SCHOOL BUS AND MOTORCYCLE) CLASS 2 (BUS, TRUCK, LIGHT TRUCK) CLASS 3 (AUTOMOBILE, LIGHT TRUCK) MOTORCYCLE ENDORSEMENT SCHOOL BUS ENDORSEMENT	187,328	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	19/ 18.00 19/ 18.00 19/ 18.00	4.00 4.00 4.00	38,020 33,488 815,394
MARYLAND*	111,728	8/ 22.00	CLASS A (ANY VEHICLE EXCEPT MOTORCYCLE AND MOPED) CLASS B (HEAVY TRUCK) CLASS C (BUS) CLASS D (AUTOMOBILE, LIGHT TRUCK) CLASS E (MOTORCYCLE) CLASS F (MOTORCYCLE) CLASS G (MOTORCYCLE) CLASS H (MOTORCYCLE) CLASS I (MOTORCYCLE) CLASS J (MOTORCYCLE) CLASS K (MOTORCYCLE) CLASS L (MOTORCYCLE) CLASS M (MOTORCYCLE) CLASS N (MOTORCYCLE) CLASS O (MOTORCYCLE) CLASS P (MOTORCYCLE) CLASS Q (MOTORCYCLE) CLASS R (MOTORCYCLE) CLASS S (MOTORCYCLE) CLASS T (MOTORCYCLE) CLASS U (MOTORCYCLE) CLASS V (MOTORCYCLE) CLASS W (MOTORCYCLE) CLASS X (MOTORCYCLE) CLASS Y (MOTORCYCLE) CLASS Z (MOTORCYCLE)	901,615	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7/ 6.00 7/ 6.00 7/ 6.00 7/ 6.00 7/ 6.00	6.00 6.00 6.00 6.00 6.00	9,097,915
MASSACHUSETTS*	194,635	15.00	CLASS 1 (ANY VEHICLE EXCEPT SCHOOL BUS) CLASS 2 (TRUCK) CLASS 3 (AUTOMOBILE, LIGHT TRUCK) SCHOOL BUS MOTORCYCLE ENDORSEMENT	1,621,632	4 YEARS 4 YEARS 4 YEARS 1 YEAR	BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE	5/ 35.00 5/ 30.00 5/ 25.00 5/ 7/ 7.50 5/ 25.00	5.00 5.00 5.00 5.00	4,257,842
MICHIGAN*	66,555	8/ 12.00	UNCLASSIFIED: OPERATOR (AUTOMOBILE, LIGHT TRUCK) MOPED (AUTOMOBILE) MOTORCYCLE (AUTOMOBILE) MINOR RESTRICTED (AUTOMOBILE) CLASS 1 (ENDORSEMENT) (HEAVY TRUCK) CLASS 2 (ENDORSEMENT) (TRUCK/TRACTOR COMBINATION) CLASS 3 (ENDORSEMENT) (BUS OR SCHOOL BUS) MOTORCYCLE (ENDORSEMENT)	1,909,772 173,939 51 93,983	7/ 20/ 4 YEARS 7/ 20/ 4 YEARS 16TH BIRTHDAY 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7/ 12.00 7/ 20.00 7/ 5.00 7/ 2.50 7/ 2.50 7/ 3.00	4.00 4.00 4.00 4.00	6,422,031
MINNESOTA*	91,097	21/ 5.00	CLASS A (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS B (BUS, TRUCK) CLASS C (AUTOMOBILE, LIGHT TRUCK) CLASS D (AUTOMOBILE, LIGHT TRUCK) CLASS E (PROVISIONAL (BUS, TRUCK) CLASS F (PROVISIONAL (AUTOMOBILE) CLASS G (PROVISIONAL (MOTORCYCLE) CLASS H (MOPED) CLASS I (MOPED) CLASS J (MOPED) CLASS K (MOPED) CLASS L (MOPED) CLASS M (MOPED) CLASS N (MOPED) CLASS O (MOPED) CLASS P (MOPED) CLASS Q (MOPED) CLASS R (MOPED) CLASS S (MOPED) CLASS T (MOPED) CLASS U (MOPED) CLASS V (MOPED) CLASS W (MOPED) CLASS X (MOPED) CLASS Y (MOPED) CLASS Z (MOPED)	54,931 39,345 665,408 56,366 79,778	4 YEARS 4 YEARS 4 YEARS 18TH BIRTHDAY 18TH BIRTHDAY 1 YEAR 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	21/ 29.00 21/ 21.50 21/ 14.00 21/ 8.00 21/ 2.50 21/ 6.00	4.50 4.50 4.50 4.50 4.50 4.50	2,429,251

MOTOR-VEHICLE DRIVER LICENSES - 1989¹

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

TABLE DL-1
SHEET 3 OF 5
SEPTEMBER 1990

STATE 2/	LEARNER PERMITS		DRIVER LICENSES						ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (EXCEPT "MOTORCYCLE ONLY") 3/
	NUMBER ISSUED	AMOUNT OF FEE	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		
							NEW AND RENEWAL	DUPLICATE	
MISSISSIPPI	85,058	1.00	OPERATOR COMMERCIAL MOTORCYCLE MOTORCYCLE ENDORSEMENT	348,366 39,731 76 8,037	4 YEARS 4 YEARS 4 YEARS -	BIRTH MONTH BIRTH MONTH BIRTH MONTH -	13.00 21.00 13.00 2/ 1.00	5.00 5.00 5.00 -	1,841,840
MISSOURI	8/ 107,470	1.00	OPERATOR CHAUFFEUR MOTORCYCLE	1,149,790 151,804 105	3 YEARS 3 YEARS 3 YEARS	ISSUANCE ISSUANCE ISSUANCE	7.50 15.00 7.50	7.50 15.00 7.50	3,536,684
MONTANA	N.A.	8/ 12.00 12.00 6.00 2.00	BASIC TYPE 1 INTERSTATE TYPE 2 INTRASTATE MOTORCYCLE	135,483	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	12.00 25/ 12.00 25/ 6.00 2.00	12.00 12.00 6.00 -	597,638
NEBRASKA*	25,977	3.00	CLASS A (AUTOMOBILE, LIGHT TRUCK) CLASS B (OR ENDORSEMENT) (MOTORCYCLE) CLASS CC (HEAVY TRUCK OR COMBINATION) SCHOOL PERMIT FARM HUSBANDRY PERMIT SCHOOL BUS OPERATOR EMPLOYMENT DRIVING PERMIT	288,127 11,899 7,611 3,756 141 3,690 561	22/ 4 YEARS 22/ 4 YEARS 22/ 4 YEARS 6 MOS. OR 1 YEAR 1 YEAR 1 YEAR REVOCATION PERIOD	BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE ISSUANCE ISSUANCE -	22/ 10.00 22/ 10.00 22/ 10.00 3.00 5.00 NO FEE 40.00	5.00 5.00 5.00 - - - -	1,064,796
NEVADA*	27,333	8/ 15/ 8.00	CLASS 1 (ANY VEHICLE EXCEPT CLASSES 4 AND 6) CLASS 2 (BUS) CLASS 3 (AUTOMOBILE, LIGHT TRUCK) CLASS 4 (MOTORCYCLE) CLASS 6 (HOPE) MOTORCYCLE ENDORSEMENT	5,049 965 227,149 76 6	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	15/ 10.00 15/ 10.00 15/ 10.00 15/ 10.00 15/ 10.00 15/ 10.00 6.00	6.00 6.00 6.00 6.00 6.00 6.00 -	794,067
NEW HAMPSHIRE*	(10/)	NO FEE	OPERATOR (AUTOMOBILE) COMMERCIAL OPERATOR; LIGHT (TRUCK) HEAVY (TRUCK) TRACTOR-TRAILER MOTORCYCLE HOPE	275,588	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	20.00 20.00 20.00 20.00 20.00 8.00	5.00 5.00 5.00 5.00 5.00 5.00	809,389
NEW JERSEY*	471,371	5.00 15.00 5.00 25.00 5.00	BASIC DRIVER (AUTOMOBILE, LIGHT TRUCK) ARTICULATED VEHICLE ENDORSEMENT (COMMERCIAL VEHICLE COMBINATION) MOTORCYCLE ENDORSEMENT BUS ENDORSEMENT MOTORCYCLE AGRICULTURAL	1,207,630	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE	17.50 8.00 8.00 16.00 9.50 1.00	4.50 - - 4.50 4.50 4.50	5,615,102
NEW MEXICO*	26,606	8/ 2.00	OPERATOR CHAUFFEUR MOTORCYCLE LIMITED	318,874	9/ 4 YEARS 8 1/2/ 4 YEARS 8/ 4 YEARS VARIES	30 DAYS AFTER B'DAY 30 DAYS AFTER B'DAY 30 DAYS AFTER B'DAY -	9/ 10.00 9/ 10.00 9/ 10.00 45.00	10.00 10.00 10.00 10.00	1,062,806
NEW YORK*	913,500	8/ 9.00	CLASS 1 (ANY VEHICLE EXCEPT MOTORCYCLE AND BUS) CLASS 2 (BUS) CLASS 3 (TRACTOR/TRUCK) CLASS 4 (TAXICAB) CLASS 5 (AUTOMOBILE, LIGHT TRUCK) CLASS 6 (JUNIOR) (AUTOMOBILE, LIGHT TRUCK) CLASS 7 (MOTORCYCLE) CLASS 8 (JUNIOR) (MOTORCYCLE) RESTRICTED CONDITIONAL	2,624,889	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS REVOCATION PERIOD REVOCATION PERIOD	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY - -	32.00 32.00 32.00 32.00 16.00 16.00 16.00 16.00 50.00 50.00	6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.50 - -	10,177,896
NORTH CAROLINA*	108,976	5.00	CLASS A (ANY VEHICLE OR COMBINATION EXCEPT MOTORCYCLE) CLASS B (HEAVY COMMERCIAL TRUCK OR BUS) CLASS C (AUTOMOBILE, PRIVATE LIGHT TRUCK OR BUS) MOTORCYCLE ENDORSEMENT	46,745 23,487 1,094,952	4 YEARS 4 YEARS 4 YEARS -	BIRTHDAY BIRTHDAY BIRTHDAY -	15.00 15.00 10.00 5.00	5.00 5.00 5.00 -	4,484,107
NORTH DAKOTA*	11,479	8/ 10.00	CLASS A (ANY VEHICLE EXCEPT CLASS M) CLASS B (TRUCK/COMBINATION) CLASS C (AUTOMOBILE) CLASS D (ENDORSEMENT) CLASS M (ENDORSEMENT) (MOTORCYCLE)	103,753	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 10.00 5/ 10.00 5/ 10.00 3.00 NO FEE	8.00 8.00 8.00 3.00 -	425,202
OHIO	285,198	3.00	OPERATOR CHAUFFEUR RESTRICTED MOTORCYCLE ENDORSEMENT HOPE	1,529,584 153,827 2,253 11,059 840	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY - BIRTHDAY	21/ 5.00 21/ 5.00 21/ 5.00 21/ 23/ 9.00 4.00	1.50 1.50 1.50 - 1.50	7,369,821

MOTOR-VEHICLE DRIVER LICENSES - 1989¹

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

TABLE DL-1
SHEET 5 OF 5
SEPTEMBER 1990

STATE 2/	LEARNER PERMITS		CLASS OR TYPE OF LICENSE 2/	DRIVER LICENSES					ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (EXCEPT "MOTORCYCLE ONLY") 3/
	NUMBER ISSUED	AMOUNT OF FEE		NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		
							NEW AND RENEWAL	DUPLICATE	
WASHINGTON*	124,665	23/ 5.00	BASIC DRIVER (AUTOMOBILE) MOTORCYCLE ENDORSEMENT INTERMEDIATE ENDORSEMENT (LIGHT TRUCK, BUS) COMBINATION ENDORSEMENT (ANY COMBINATION OF VEHICLES) OCCUPATIONAL AGRICULTURAL PERMIT	859,036 67,973 70,761 1,047 143	4 YEARS 4 YEARS 4 YEARS 4 YEARS VARIES 1 YEAR OR 18TH BIRTHDAY	BIRTHDAY BIRTHDAY - - - ISSUANCE	5/ 14.00 5/ 4.00 5/ 23/ 5.00 5/ 23/ 5.00 25.00 3.00	5.00 - - - 5.00 2.00	3,272,941
WEST VIRGINIA	39,454	4.00	OPERATOR CHAUFFEUR JUNIOR OPERATOR	320,422 17,397 17,400	4 YEARS 4 YEARS 18TH BIRTHDAY	ISSUANCE ISSUANCE -	10.00 15.00 10.00	5.00 5.00 5.00	1,170,317 111,002 25,126 1,306,445
WISCONSIN	138,610	15.00	PROBATIONARY OPERATOR CHAUFFEUR SCHOOL BUS MOTORCYCLE ENDORSEMENT	85,646 848,581 138,733 7,524 10,131	2 YEARS 2 & 4 YEARS 1 YEAR 2 YEARS LIFETIME	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY -	5/ 9.00 5/ 4.00 & 9.00 5/ 6.00 24/ 4.00 4.00	4.00 4.00 4.00 4.00 -	3,294,057
WYOMING*	2,375	10.00	CLASS A (TRUCK/TRACTOR COMBINATION) CLASS B (TRUCK, BUS) CLASS C (AUTOMOBILE) CLASS M (MOTORCYCLE, MOPED) CLASS S (SCHOOL BUS)	103,119	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	24/ 5.00 24/ 5.00 24/ 5.00 24/ 5.00 24/ 5.00	5.00 5.00 5.00 5.00 5.00	333,493
TOTAL	-	-	-	-	-	-	-	-	165,555,295

1/ THE NUMBERS OF LEARNER PERMITS AND DRIVER LICENSES ISSUED ARE NOT AVAILABLE IN STATES WHERE N.A. IS SHOWN. LICENSES IN FORCE IN DESIGNATED STATES WERE ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION.

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 A SEPARATE PUBLICATION FOR DESCRIPTION OF VEHICLE TYPES IN THE VARIOUS CLASSES LISTED.

3/ ALLOWANCE HAS BEEN MADE FOR DEATHS, EMIGRATION, AND REVOCATIONS IN THE STATES THAT WERE ABLE TO DO SO. CHAUFFEUR LICENSES HAVE NOT BEEN ADDED TO OPERATOR LICENSES IN WISCONSIN SINCE THEY REQUIRE AN OPERATOR LICENSE IN ADDITION TO THE CHAUFFEUR LICENSE. IN KENTUCKY, BOTH SEPARATE CHAUFFEUR AND OPERATOR/CHAUFFEUR COMBINATION LICENSES WERE ISSUED IN 1989, BUT THEY ADJUSTED THE LICENSES IN FORCE TO AVOID DOUBLE COUNTING. 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. "MOTORCYCLE ONLY" OPERATOR LICENSES ARE NOT INCLUDED.

4/ FOR 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. IN COLORADO, \$10 FOR SECOND AND SUBSEQUENT DUPLICATE; NO FEE FOR RENEWAL OF MOTORCYCLE ENDORSEMENT.

5/ THE FOLLOWING EXAMINATION FEES ARE IN ADDITION TO THE FEE SHOWN FOR AN ORIGINAL LICENSE: \$15 IN CONNECTICUT FOR OPERATOR AND \$3.50 FOR PUBLIC SERVICE LICENSE; \$3 IN KANSAS; \$2 IN TENNESSEE; \$5 IN ALABAMA, MASSACHUSETTS, AND WISCONSIN; \$5 EACH FOR WRITTEN AND ROAD TESTS IN NORTH DAKOTA. IN WASHINGTON, \$7 BASIC, \$6 MOTORCYCLE, AND \$3 CLASSIFIED ENDORSEMENTS; IN VERMONT, WRITTEN EXAMINATION FEE IS \$10 WITH ORIGINAL LEARNER PERMIT AND NO FURTHER EXAM FEE UNLESS DRIVING TEST IS FAILED, THEN \$5 ADDITIONAL FOR ANOTHER TEST.

6/ THE FOLLOWING STUDENT TRAINING PERMITS ARE INCLUDED WITH REGULAR PERMITS: MISSOURI, 23.131. IN IDAHO \$3.086 DRIVER TRAINING PERMITS ARE INCLUDED @ \$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.

7/ IN MARYLAND, ORIGINAL LICENSE FEE IS \$20 WITH ADDITIONAL \$20 FOR MOTORCYCLE ENDORSEMENT. IN MICHIGAN, PERSONS AGE 60 AND OVER MAY RENEW AT \$4 ANNUALLY; ORIGINAL CLASS 1 OR 2 ENDORSEMENT, \$7; ORIGINAL MOTORCYCLE ENDORSEMENT, \$6. IN OREGON, ORIGINAL LICENSE FOR CLASSES 1-3 IS \$32; CLASS 4, 5 OR MOTORCYCLE ENDORSEMENT IS \$25. IN MINNESOTA, ORIGINAL MOTORCYCLE ENDORSEMENT IS \$7.50. IN MISSISSIPPI, ORIGINAL MOTORCYCLE ENDORSEMENT IS \$5. IN FLORIDA, ORIGINAL LICENSE FEE IS \$19; "SAFE DRIVERS" MAY RENEW IN PERSON FOR 6 YEARS AT \$19. IN ARIZONA, ORIGINAL OPERATOR WITH MOTORCYCLE ENDORSEMENT IS \$14; ORIGINAL CHAUFFEUR WITH MOTORCYCLE ENDORSEMENT IS \$17. IN RHODE ISLAND, THERE IS AN ADDITIONAL ONE-TIME FEE OF \$2 FOR CHAUFFEUR LICENSES (CLASSES 1-5). IN MASSACHUSETTS, ORIGINAL SCHOOL BUS LICENSE IS \$12.50.

8/ PERMIT FEE IS CREDITED TO OPERATOR LICENSE. IN CALIFORNIA, THE ORIGINAL LICENSE FEE COVERS THE COST OF A LEARNER PERMIT; \$10 IS CREDITED TO OPERATOR LICENSE IN ILLINOIS AND \$1.50 IN INDIANA. IN NEW YORK, LEARNER PERMIT AND LICENSE APPLICATION FEE ARE INCLUDED IN THE \$9 FEE. IN OKLAHOMA, THERE IS AN ADDITIONAL \$4 FEE FOR THE LICENSE APPLICATION BEFORE OBTAINING THE ORIGINAL LICENSE.

9/ IN COLORADO, MINOR LICENSES EXPIRE 20 DAYS AFTER 18TH BIRTHDAY; PROVISIONAL LICENSES EXPIRE 20 DAYS AFTER 21ST BIRTHDAY. IN NEW MEXICO, PERSONS 75 YEARS OR OVER RENEW ANNUALLY AT \$2.50. IN PENNSYLVANIA, DRIVERS OVER 65 RENEW FOR 2 YEARS AT \$11.50. IN TEXAS, LICENSES ISSUED TO THOSE UNDER 18 EXPIRE ON 18TH BIRTHDAY; THE FEE IS PRORATED WITH A \$5 MINIMUM.

10/ CONNECTICUT--AN INSTRUCTION OR LEARNER PERMIT IS PROVIDED ONLY FOR MOTORCYCLE

OPERATORS @ \$3.25 AND \$4 FOR A HOME TRAINING CERTIFICATE. NEW HAMPSHIRE--LEARNER PERMITS ARE ISSUED ONLY FOR MOTORCYCLE OPERATORS.

11/ THE TERM OF THE FIRST LICENSE VARIES TO UP TO 5 YEARS TO PLACE THE DRIVER IN THE STAGGERED RENEWAL SYSTEM; THE FEE IS PRORATED ACCORDINGLY.

12/ A DRIVER WHO HAS HAD A DELAWARE DRIVER LICENSE FOR 3 CONSECUTIVE YEARS AND HAS A MOTOR-VEHICLE OPERATION RECORD THAT SHOWS NO PREVIOUS ARREST OR CONVICTION MAY APPLY FOR A PERMANENT LICENSE FOR AN INITIAL FEE OF \$25 PLUS. EVERY 4 YEARS HE MUST BE REEXAMINED AND PAY A \$1 PHOTO FEE. THERE IS NO CHARGE FOR A RENEWAL MOTORCYCLE ENDORSEMENT. INCLUDED IN THE NUMBER OF ISSUES SHOWN ARE 447 ORIGINAL AND 25,298 RENEWAL PERMANENT DRIVER LICENSES. THERE IS A ONE-TIME FEE OF \$3 TO UPGRADE A LICENSE FROM CLASS A TO CLASS B OR C.

13/ LEARNER PERMIT FEES: \$4 IN MAUI AND KAUAI AND \$5 IN HAWAII COUNTY. LICENSES ISSUED FOR 2 YEARS TO PERSONS 15-24 YEARS OLD AND 65 YEARS OLD OR OLDER AT \$5.50 IN HONOLULU, \$6 IN KAUAI, \$5 IN MAUI, AND \$6 IN HAWAII COUNTY. TERM IS 4 YEARS FOR PERSONS 25-64 YEARS OLD AT \$9.50 IN HONOLULU, \$12 IN KAUAI, \$9 IN MAUI COUNTY, AND \$12 IN HAWAII COUNTY. ORIGINAL ISSUE IS \$12 IN KAUAI, \$9 IN MAUI, AND \$12 IN HAWAII COUNTY. DUPLICATE FEE IS \$4 IN MAUI AND \$5 IN HAWAII AND KAUAI COUNTIES.

14/ IN ILLINOIS, LICENSES ARE ISSUED FOR BOTH 3 AND 4-YEAR TERMS TO PHASE IN THE NEW 4-YEAR TERM; MINORS ARE ISSUED LICENSES EXPIRING 3 MONTHS AFTER 21ST BIRTHDAY. IN VIRGINIA, EFFECTIVE 1-1-85, LICENSES ARE ISSUED FOR TERMS VARYING FROM 3-7 YEARS AT \$2.40 PER YEAR FOR THE BASIC LICENSE AND \$1 PER YEAR FOR EACH ENDORSEMENT. THIS WILL PHASE IN A 5-YEAR TERM WITH LICENSES EXPIRING IN A YEAR WHEN THE LICENSEE'S AGE IS DIVISIBLE BY 5. IN OKLAHOMA, BOTH 2 AND 4-YEAR LICENSES ARE BEING ISSUED TO PHASE IN A 4-YEAR TERM; FEES FOR 2-YEAR LICENSES ARE HALF THOSE SHOWN; THERE IS NO FEE FOR THOSE OVER 65 YEARS.

15/ IN ILLINOIS, LICENSES AND LEARNER PERMITS FOR PERSONS 69 YEARS OF AGE AND OVER ARE \$5 FOR 4 YEARS, AND LICENSES ISSUED TO MINORS (UNDER 21) ARE \$5. IN INDIANA, A RENEWAL LICENSE FOR PERSONS 76 YEARS OF AGE AND OLDER IS \$3 FOR 3 YEARS. IN NEVADA, FOR THOSE 70 AND OVER, \$4 FOR LEARNER PERMIT, \$5 FOR ORIGINAL OR RENEWAL DRIVER LICENSE.

16/ TWO-YEAR TERM FOR THOSE UNDER 18 OR OVER 70; OTHERS MAY CHOOSE 2 OR 4-YEAR TERM. 17/ LOUISIANA IS IMPLEMENTING A 5-YEAR TERM REPLACING A 4-YEAR TERM. PERSONS 65 AND OVER MUST OBTAIN A 2-YEAR LICENSE. FEES ARE: CLASS A, \$3.50; CLASSES B, C, AND D, \$9. EXCEPT IN NEW ORLEANS PARISH WHERE THE FEE IS \$11.

18/ THE FEE IS \$35 IN MUNICIPALITIES OF OVER 300,000 POPULATION. CLASS B, C, AND D LICENSES ARE \$35 IN NEW ORLEANS PARISH.

19/ SUBSEQUENT LEARNER PERMIT FEES, \$15 FOR CLASSES 1 AND 2; \$6 FOR CLASS 3 AND MOTORCYCLE LICENSE. PHOTO ON LICENSE OPTIONAL FOR THOSE 65 AND OVER.

20/ DRIVERS WITH UNSATISFACTORY DRIVING RECORDS RENEW FOR 2-YEAR TERM AT \$6.

21/ IN ADDITION TO THE FEES SHOWN, THERE IS A SERVICE CHARGE OF \$1 IN MINNESOTA IF ISSUED BY THE DEPARTMENT OF PUBLIC SAFETY. IN OHIO, A \$1.60 DEPUTY ISSUANCE FEE AND A \$1 EYE EXAM FEE ARE CHARGED FOR LICENSES AND PERMITS.

22/ ORIGINAL LICENSE EXPIRES ON LICENSEE'S BIRTHDAY IN THE FIRST YEAR AFTER ISSUANCE THAT HIS AGE IS DIVISIBLE BY 4. FEE IS \$3.50 FOR 1 YEAR, \$5.50 FOR 2 YEARS OR \$8 FOR 3 YEARS.

23/ IN WASHINGTON, LEARNER PERMITS FOR MOTORCYCLES AND CLASSIFIED ENDORSEMENTS ARE \$2.50; ORIGINAL CLASSIFIED ENDORSEMENT AND RENEWAL FEE IS \$6 WHEN ISSUED WITH DRIVER LICENSE, OTHERWISE ORIGINAL IS \$7 AND RENEWAL IS \$3. IN OHIO, MOTORCYCLE ENDORSEMENT IS RENEWED AT NO CHARGE.

24/ IN WISCONSIN, ORIGINAL SCHOOL BUS LICENSE IS \$6.50. IN WYOMING, ORIGINAL LICENSE IS \$10.

25/ MONTANA: CHAUFFEUR LICENSE FEE--INTERSTATE \$24, INTRASTATE \$18.

LICENSED DRIVERS, BY SEX - 1989

COMPILED FOR THE CALENDAR YEAR FROM REPORTS
OF STATE AUTHORITIES AND OTHER SOURCESTABLE DL-1A
SEPTEMBER 1990

STATE	MALE DRIVERS	FEMALE DRIVERS	TOTAL DRIVERS	PERCENT MALE DRIVERS OF TOTAL	STATE
ALABAMA 1/ ALASKA 1/ ARIZONA 1/ ARKANSAS 1/	1,447,324 164,852 1,216,510 881,121	1,396,263 135,148 1,155,078 829,832	2,843,587 300,000 2,371,588 1,710,953	50.90 54.95 51.30 51.50	ALABAMA 1/ ALASKA 1/ ARIZONA 1/ ARKANSAS 1/
CALIFORNIA 1/ COLORADO CONNECTICUT 1/ DELAWARE	10,344,786 1,130,751 1,213,770 238,927	9,224,949 985,175 1,160,047 241,695	19,569,735 2,115,926 2,373,817 480,622	52.86 53.44 51.13 49.71	CALIFORNIA 1/ COLORADO CONNECTICUT 1/ DELAWARE
DIST. OF COL. 1/ FLORIDA 2/ GEORGIA HAWAII	215,992 4,780,965 2,181,110 355,586	178,352 4,225,284 2,136,456 301,570	394,344 9,006,249 4,317,566 657,156	54.77 53.08 50.52 54.11	DIST. OF COL. 1/ FLORIDA 2/ GEORGIA HAWAII
IDAHO ILLINOIS INDIANA 1/ IOWA	366,506 3,676,082 1,969,140 928,475	339,966 3,529,074 1,868,890 993,154	706,472 7,205,156 3,838,030 1,921,629	51.88 51.02 51.31 48.32	IDAHO ILLINOIS INDIANA 1/ IOWA
KANSAS KENTUCKY LOUISIANA MAINE	844,956 1,230,559 1,295,599 442,055	858,842 1,161,493 1,278,355 444,857	1,703,798 2,392,052 2,573,954 886,912	49.59 51.44 50.33 49.84	KANSAS KENTUCKY LOUISIANA MAINE
MARYLAND MASSACHUSETTS MICHIGAN MINNESOTA 1/	1,572,255 2,184,474 3,220,385 1,249,217	1,525,660 2,073,368 3,201,646 1,180,034	3,097,915 4,257,842 6,422,031 2,429,251	50.75 51.30 50.15 51.42	MARYLAND MASSACHUSETTS MICHIGAN MINNESOTA 1/
MISSISSIPPI MISSOURI 1/ MONTANA 1/ NEBRASKA	938,863 1,785,909 327,623 536,296	902,977 1,750,775 270,015 528,500	1,841,840 3,536,684 597,638 1,064,796	50.97 50.50 54.82 50.37	MISSISSIPPI MISSOURI 1/ MONTANA 1/ NEBRASKA
NEVADA NEW HAMPSHIRE NEW JERSEY NEW MEXICO 1/	416,623 407,763 2,954,951 552,659	377,444 401,626 2,660,151 510,147	794,067 809,389 5,615,102 1,062,806	52.47 50.38 52.63 52.00	NEVADA NEW HAMPSHIRE NEW JERSEY NEW MEXICO 1/
NEW YORK 1/ NORTH CAROLINA NORTH DAKOTA OHIO	5,452,089 2,251,910 215,949 3,741,111	4,725,906 2,232,197 209,253 3,628,710	10,177,995 4,484,107 425,202 7,369,821	53.57 50.22 50.79 50.76	NEW YORK 1/ NORTH CAROLINA NORTH DAKOTA OHIO
OKLAHOMA 1/ OREGON 1/ PENNSYLVANIA 1/ RHODE ISLAND	1,147,048 1,147,538 4,062,957 340,811	1,145,819 1,042,116 3,733,658 334,890	2,292,867 2,189,654 7,796,615 675,701	50.03 52.41 52.11 50.44	OKLAHOMA 1/ OREGON 1/ PENNSYLVANIA 1/ RHODE ISLAND
SOUTH CAROLINA SOUTH DAKOTA TENNESSEE 1/ TEXAS	1,173,190 251,058 1,703,265 5,726,226	1,165,470 241,408 1,728,754 5,377,285	2,338,660 492,466 3,432,019 11,103,511	50.17 50.98 49.63 51.57	SOUTH CAROLINA SOUTH DAKOTA TENNESSEE 1/ TEXAS
UTAH 1/ VERMONT VIRGINIA WASHINGTON	515,215 212,038 2,141,429 1,674,385	512,148 197,859 2,092,145 1,598,556	1,027,363 409,897 4,233,574 3,272,941	50.15 51.73 50.58 51.16	UTAH 1/ VERMONT VIRGINIA WASHINGTON
WEST VIRGINIA WISCONSIN WYOMING	686,949 1,688,901 174,269	619,496 1,605,156 159,224	1,306,445 3,294,057 333,493	52.58 51.27 52.26	WEST VIRGINIA WISCONSIN WYOMING
TOTAL	85,378,422	80,176,873	165,555,295	51.57	TOTAL

1/ SEX SEGREGATION ESTIMATED BY FHWA.
2/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

RATIO OF LICENSED DRIVERS TO POPULATION - 1989

TABLE DL-1B
SEPTEMBER 1990

STATE	TOTAL RESIDENT POPULATION 1/	PERSONS OF DRIVING AGE (16 AND OVER) 1/	LICENSED DRIVERS			STATE
			NUMBER	PER 1,000 TOTAL RESIDENT POPULATION	PER 1,000 DRIVING AGE POPULATION	
	(1,000)	(1,000)				
ALABAMA	4,118	3,140	2,843,587	691	906	ALABAMA
ALASKA	527	376	300,000	569	798	ALASKA
ARIZONA	3,556	2,672	2,371,588	667	888	ARIZONA
ARKANSAS	2,406	1,831	1,710,953	711	934	ARKANSAS
CALIFORNIA	29,063	22,081	19,569,735	673	886	CALIFORNIA
COLORADO	3,317	2,540	2,115,926	638	833	COLORADO
CONNECTICUT	3,239	2,564	2,373,817	733	926	CONNECTICUT
DELAWARE	673	522	480,622	714	921	DELAWARE
DIST. OF COL.	604	478	394,344	653	825	DIST. OF COL.
FLORIDA	12,671	10,113	2/ 9,006,249	711	891	FLORIDA
GEORGIA	6,436	4,842	4,317,566	671	892	GEORGIA
HAWAII	1,112	853	657,156	591	770	HAWAII
IDAHO	1,014	742	706,472	697	952	IDAHO
ILLINOIS	11,658	9,003	7,205,156	618	800	ILLINOIS
INDIANA	5,593	4,301	3,838,030	686	892	INDIANA
IOWA	2,840	2,209	1,921,629	677	870	IOWA
KANSAS	2,513	1,920	1,703,798	678	887	KANSAS
KENTUCKY	3,727	2,874	2,392,052	642	832	KENTUCKY
LOUISIANA	4,382	3,239	2,573,954	587	795	LOUISIANA
MAINE	1,222	953	886,912	726	931	MAINE
MARYLAND	4,694	3,658	3,097,915	660	847	MARYLAND
MASSACHUSETTS	5,913	4,726	4,257,842	720	901	MASSACHUSETTS
MICHIGAN	9,273	7,108	6,422,031	693	903	MICHIGAN
MINNESOTA	4,353	3,339	2,429,251	558	728	MINNESOTA
MISSISSIPPI	2,621	1,939	1,841,840	703	950	MISSISSIPPI
MISSOURI	5,159	3,998	3,536,684	686	885	MISSOURI
MONTANA	806	610	597,638	741	980	MONTANA
NEBRASKA	1,611	1,232	1,064,796	661	864	NEBRASKA
NEVADA	1,111	860	794,067	715	923	NEVADA
NEW HAMPSHIRE	1,107	858	809,389	731	943	NEW HAMPSHIRE
NEW JERSEY	7,336	6,112	5,615,102	765	919	NEW JERSEY
NEW MEXICO	1,528	1,120	1,062,806	696	949	NEW MEXICO
NEW YORK	17,950	14,071	10,177,995	567	723	NEW YORK
NORTH CAROLINA	6,571	5,122	4,484,107	682	875	NORTH CAROLINA
NORTH DAKOTA	660	499	425,202	644	852	NORTH DAKOTA
OHIO	10,907	8,407	7,369,821	676	877	OHIO
OKLAHOMA	3,224	2,464	2,292,867	711	931	OKLAHOMA
OREGON	2,820	2,197	2,189,654	776	997	OREGON
PENNSYLVANIA	12,040	9,525	7,796,615	648	819	PENNSYLVANIA
RHODE ISLAND	998	793	675,701	677	852	RHODE ISLAND
SOUTH CAROLINA	3,512	2,667	2,338,660	666	877	SOUTH CAROLINA
SOUTH DAKOTA	715	539	492,466	689	914	SOUTH DAKOTA
TENNESSEE	4,940	3,832	3,432,019	695	896	TENNESSEE
TEXAS	16,991	12,545	11,103,511	653	885	TEXAS
UTAH	1,707	1,131	1,027,363	602	908	UTAH
VERMONT	567	441	409,897	723	929	VERMONT
VIRGINIA	6,098	4,782	4,233,574	694	885	VIRGINIA
WASHINGTON	4,761	3,669	3,272,941	687	892	WASHINGTON
WEST VIRGINIA	1,857	1,452	1,306,445	704	900	WEST VIRGINIA
WISCONSIN	4,867	3,745	3,294,057	677	880	WISCONSIN
WYOMING	475	352	333,493	702	947	WYOMING
TOTAL	247,843	191,047	165,555,295	668	867	TOTAL

1/ SOURCE: BUREAU OF THE CENSUS. NOTE THAT FOR 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.

2/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

DISTRIBUTION OF LICENSED DRIVERS - 1989

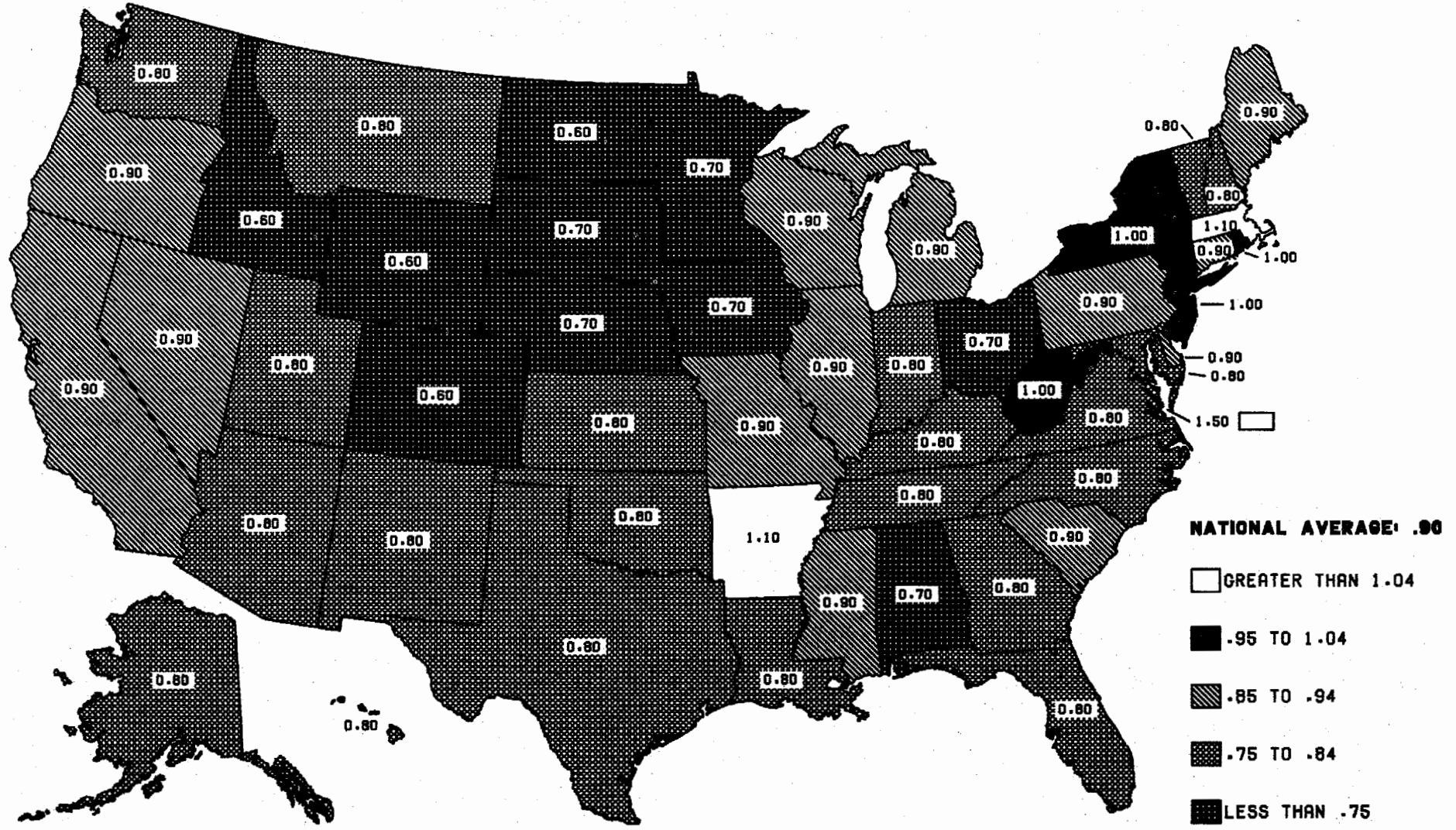
BY SEX AND PERCENTAGE IN EACH AGE GROUP AND RELATION TO POPULATION

TABLE DL-20
SEPTEMBER 1990

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	20,623	0.0	1.3	17,076	0.0	1.1	37,699	0.0	1.2
16	782,874	0.9	45.6	680,197	0.8	41.6	1,463,071	0.9	43.7
17	1,223,631	1.4	67.5	1,068,803	1.3	62.2	2,292,434	1.4	64.9
18	1,492,273	1.7	77.1	1,314,456	1.6	70.8	2,806,729	1.7	74.0
19	1,632,933	1.9	82.8	1,441,420	1.8	75.5	3,074,353	1.9	79.2
(19 AND UNDER)	5,152,334	6.0	56.5	4,521,952	5.6	51.9	9,674,286	5.8	54.3
20	1,640,744	1.9	85.8	1,487,995	1.9	80.1	3,128,739	1.9	83.0
21	1,675,400	2.0	91.4	1,525,991	1.9	85.3	3,201,391	1.9	88.4
22	1,740,984	2.0	94.1	1,593,520	2.0	87.6	3,334,504	2.0	90.9
23	1,842,013	2.2	97.0	1,694,446	2.1	90.2	3,536,459	2.1	93.7
24	1,927,475	2.3	95.0	1,775,477	2.2	88.5	3,702,952	2.2	91.7
(20-24)	8,826,616	10.3	92.7	8,077,429	10.1	86.4	16,904,045	10.2	89.6
25-29	10,610,942	12.4	96.7	9,957,814	12.4	91.8	20,568,756	12.4	94.3
30-34	10,520,867	12.3	94.4	9,993,301	12.5	90.3	20,514,168	12.4	92.4
35-39	9,459,038	11.1	96.7	9,100,647	11.4	92.0	18,559,685	11.2	94.4
40-44	8,234,177	9.6	99.0	7,885,472	9.8	91.9	16,119,649	9.7	95.4
45-49	6,453,109	7.6	97.7	6,130,656	7.6	88.6	12,583,765	7.6	93.1
50-54	5,289,021	6.2	96.0	4,969,838	6.2	84.8	10,258,859	6.2	90.2
55-59	4,915,299	5.8	96.0	4,590,354	5.7	81.9	9,505,653	5.7	88.7
60-64	4,784,316	5.6	94.2	4,529,043	5.6	78.3	9,313,359	5.6	85.8
65-69	4,236,274	5.0	91.5	4,028,846	5.0	72.8	8,265,120	5.0	81.3
70 AND OVER	6,896,429	8.1	86.2	6,391,521	8.0	49.9	13,287,950	8.0	63.9
TOTAL	85,378,422	100.0	91.0	80,176,873	100.0	79.4	165,555,295	100.0	85.0

1/ THESE PERCENTAGES ARE COMPUTED USING POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS, SERIES P-25.

LICENSED DRIVERS PER PRIVATE AND COMMERCIAL MOTOR VEHICLE - 1989



Driver Licensing

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 1989 with a few exceptions; but finance data for local governments are for various fiscal years ending in 1988.

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, that is, 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, but these are not additive without due allowance for intergovernmental payments.

INTERGOVERNMENTAL PAYMENTS

In general, intergovernmental payments as reported herein 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 and is administered by the Federal Highway Administration 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 Federal Highway Trust Fund and funds are allocated based on relative need. Other highway funds administered by the Federal Highway Administration, 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, but that do not involve the flow of funds, and 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 herein 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 1989 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 1989, forty-three States provided aid from road-user taxes to municipalities including New England towns. Counties in 45 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 are considered to be payments to the State. 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 1989 (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 1988, 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 1986 through 1989.

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 1990.

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 (HTF) 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, and more recently the Deficit

Reduction Act of 1984 made further changes. Table FE-101 provides a 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 Federal Highway Trust Fund. 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 authorized 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 Federal Highway Administration.

Table FE-221 shows a comparison, by State, of Highway Trust Fund 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.

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 Federal Highway Administration during calendar year

1989 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 by FHWA directly 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 1990, and table FA-4A shows the formulas used for apportioning the various Federal-aid funds. Obligations of Federal-aid highway funds for fiscal year 1989 are reported in table FA-4B.

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 1988. 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 biennially and appear 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 appears in a FHWA publication entitled *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 - 1989¹

DATA COMPILED FROM REPORTS OF FEDERAL, STATE AND LOCAL AUTHORITIES

(MILLIONS OF DOLLARS)

TABLE HF-10
OCTOBER 1990

ITEM	FEDERAL GOVERNMENT				STATE AGENCIES AND D.C.	COUNTIES AND TOWNSHIPS	MUNICIPALITIES	TOTAL
	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	14,120	-	-	14,120	26,355	450	405	41,330
TOLLS	-	-	-	-	2,500	67	440	3,007
SUBTOTAL	14,120	-	-	14,120	28,855	517	845	44,337
OTHER TAXES AND FEES: PROPERTY TAXES AND ASSESSMENTS	-	-	-	-	-	2,140	2,400	4,540
GENERAL FUND APPROPRIATIONS	-	208	777	985	1,524	2,750	6,200	11,459
OTHER TAXES AND FEES	-	-	72	72	1,372	600	410	2,454
SUBTOTAL	-	208	849	1,057	2,896	5,490	9,010	18,453
INVESTMENT INCOME AND OTHER RECEIPTS	898	-	460	1,358	2,091	830	1,500	5,779
TOTAL CURRENT INCOME	15,018	208	1,309	16,535	33,842	6,837	11,355	68,569
BOND ISSUE PROCEEDS (PAR VALUE) 3/	-	-	-	-	3,064	650	1,350	5,064
GRAND TOTAL RECEIPTS	15,018	208	1,309	16,535	36,906	7,487	12,705	73,633
INTERGOVERNMENTAL PAYMENTS:								
FEDERAL GOVERNMENT:								
HIGHWAY TRUST FUND	-13,008	-	-	-13,008	12,734	115	159	-
ALL OTHER FUNDS	-	-154	-783	-937	395	358	184	-
STATE AGENCIES:								
HIGHWAY-USER IMPOSTS	-	-	-	-	-6,708	4,083	2,625	-
ALL OTHER FUNDS	-	-	-	-	-825	450	375	-
COUNTIES AND TOWNSHIPS	-	-	-	-	500	-720	220	-
MUNICIPALITIES	-	-	-	-	255	28	-283	-
SUBTOTAL	-13,008	-154	-783	-13,945	6,351	4,314	3,280	-
FUNDS DRAWN FROM OR PLACED IN RESERVES 4/	-1,582	-	-	-1,582	-237	-290	-328	-2,437
TOTAL FUNDS AVAILABLE	428	54	526	1,008	43,020	11,511	15,657	71,196
DISBURSEMENTS BY EXPENDING AGENCIES								
CAPITAL OUTLAY:								
ON STATE-ADMINISTERED HIGHWAYS	-	-	-	-	23,036	-	-	23,036
ON LOCAL RURAL ROADS	-	-	-	-	786	3,600	-	4,386
ON LOCAL MUNICIPAL ROADS AND STREETS	-	-	-	-	699	-	4,700	5,399
NOT CLASSIFIED BY SYSTEM	201	33	280	514	-	-	-	514
SUBTOTAL	201	33	280	514	24,521	3,600	4,700	33,335
MAINTENANCE AND TRAFFIC SERVICES:								
ON STATE-ADMINISTERED HIGHWAYS	-	-	-	-	7,798	-	-	7,798
ON LOCAL RURAL ROADS	-	-	-	-	31	5,700	-	5,731
ON LOCAL MUNICIPAL ROADS AND STREETS	-	-	-	-	43	-	5,950	5,993
NOT CLASSIFIED BY SYSTEM	-	-	157	157	-	-	-	157
SUBTOTAL	-	-	157	157	7,872	5,700	5,950	19,679
ADMINISTRATION AND RESEARCH	227	21	89	337	6/ 3,263	810	970	5,380
HIGHWAY LAW ENFORCEMENT AND SAFETY	-	-	-	-	3,553	670	2,230	6,453
INTEREST ON DEBT	-	-	-	-	1,741	356	774	2,871
TOTAL CURRENT DISBURSEMENTS	428	54	526	1,008	40,950	11,136	14,624	67,718
DEBT RETIREMENT (PAR VALUE) 3/	-	-	-	-	2,070	375	1,033	3,478
GRAND TOTAL DISBURSEMENTS	428	54	526	1,008	43,020	11,511	15,657	71,196

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 1988 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/ MINUS SIGNS INDICATE THAT FUNDS WERE PLACED IN RESERVES.

5/ INCLUDES \$60.9 MILLION PAID TO TERRITORIES.

6/ INCLUDES \$214.3 MILLION OF FEDERAL-AID HIGHWAY FUNDS FOR RESEARCH AND PLANNING.

TOTAL RECEIPTS FOR HIGHWAYS. ALL UNITS OF GOVERNMENT - 1988

TABLE HF-1
OCTOBER 1990

STATE	ROAD-USER TAX REVENUES 1/				ROAD BRIDGE AND FERRY TOLLS	APPROPRIATIONS FROM GENERAL FUNDS	PROPERTY TAXES	OTHER IMPOSTS	MISCELLANEOUS RECEIPTS 2/	TOTAL CURRENT INCOME	BOND PROCEEDS (PAR VALUE) 3/	TOTAL RECEIPTS 4/	STATE
	FEDERAL AGENCIES	STATE AGENCIES	COUNTIES AND TOWNSHIPS	MUNICIPALITIES									
ALABAMA	241,014	386,759	420	20,361	657,554	117,841	19,521	66,412	45,734	907,082	32,733	939,795	ALABAMA
ALASKA	23,075	37,765	700	4,600	65,141	339,278	57,000	82	35,102	511,049	14,000	525,049	ALASKA
ARIZONA	203,176	515,025	-	-	718,201	163,216	38,227	137,336	1,407,769	1,197,748	329,488	1,527,236	ARIZONA
ARKANSAS	179,050	310,343	-	-	489,393	64,192	22,000	-	70,682	650,017	-	650,017	ARKANSAS
CALIFORNIA	1,427,964	2,080,404	-	-	3,510,368	688,663	99,295	193,718	835,433	5,437,155	161,490	5,598,645	CALIFORNIA
COLORADO	189,722	358,322	-	-	548,044	96,756	81,693	156,622	217,987	864,998	350,188	1,215,186	COLORADO
CONNECTICUT	194,923	418,922	-	-	613,845	201,436	-	-	44,710	815,581	70,992	886,573	CONNECTICUT
DELAWARE	41,776	104,750	-	-	146,526	91,436	-	-	44,710	336,600	-	406,592	DELAWARE
DIST. OF COL.	20,031	72,570	-	-	92,601	54,333	-	53	1,219	148,895	25,883	174,689	DIST. OF COL.
FLORIDA	645,261	822,044	220,000	130,000	1,817,305	262,825	230,000	120,604	293,970	2,972,617	100,000	3,072,617	FLORIDA
GEORGIA	472,396	377,758	24,000	1,377	874,152	360,756	15,800	209,245	99,623	1,560,963	79,600	1,640,563	GEORGIA
HAWAII	33,215	82,249	9,093	15,680	140,237	42,341	-	32,636	7,238	223,052	33,700	256,752	HAWAII
IDAHO	60,260	139,814	-	-	199,074	14,347	26,360	2,439	44,004	266,224	-	266,224	IDAHO
ILLINOIS	483,639	1,214,930	78,000	175,000	1,951,629	252,960	210,000	132,257	203,025	2,976,820	117,000	3,093,820	ILLINOIS
INDIANA	330,537	646,532	8,023	11,959	997,051	49,507	44,782	22,331	82,351	1,249,683	1,27,230	1,376,893	INDIANA
IOWA	160,609	443,913	-	-	604,522	33,391	149,956	151,583	83,155	1,023,451	31,368	1,054,819	IOWA
KANSAS	189,523	237,344	-	-	426,867	162,678	136,000	51,982	56,533	688,388	36,000	724,388	KANSAS
KENTUCKY	134,856	625,680	-	3,200	763,736	148,106	3,500	132,526	63,673	1,051,718	18,723	1,070,441	KENTUCKY
LOUISIANA	231,350	439,425	-	-	670,775	148,559	68,006	132,526	63,673	1,051,718	28,295	1,080,013	LOUISIANA
MAINE	84,397	183,425	-	-	247,822	128,351	-	10,088	10,088	418,550	-	444,638	MAINE
MARYLAND	244,328	877,892	-	200	1,123,020	222,259	22,000	74,101	1,498,732	1,498,732	45,285	1,544,017	MARYLAND
MASSACHUSETTS 5/	268,534	431,855	-	-	700,489	461,815	350,845	32,399	38,650	1,696,621	396,205	2,092,826	MASSACHUSETTS 5/
MICHIGAN	437,876	945,393	-	-	1,383,269	407,975	34,700	32,680	181,475	1,919,466	11,000	2,030,466	MICHIGAN
MINNESOTA	221,555	582,937	-	-	804,493	507,944	195,369	20,779	154,997	1,713,812	116,604	1,900,416	MINNESOTA
MISSISSIPPI	175,174	304,432	3,200	-	482,806	202,850	43,600	47,023	37,560	613,529	19,000	632,529	MISSISSIPPI
MISSOURI	341,489	514,173	-	13,000	858,662	66,200	66,200	245,943	38,190	1,313,590	7,500	1,321,090	MISSOURI
MONTANA	61,024	127,730	-	-	188,754	30,755	15,869	70,118	45,014	350,500	15,610	366,110	MONTANA
NEBRASKA	95,167	212,375	-	7,309	314,861	49,755	98,511	85,949	18,307	563,582	14,596	578,178	NEBRASKA
NEVADA	71,361	176,468	22,623	-	270,452	19,872	7,500	318	24,481	324,483	20,500	344,983	NEVADA
NEW HAMPSHIRE	41,876	398,571	36,000	-	478,447	112,842	14,281	-	14,281	366,566	19,000	385,566	NEW HAMPSHIRE
NEW JERSEY	438,571	1,017,411	61,245	-	1,517,227	469,893	58,803	259,523	259,523	1,802,381	209,515	2,011,896	NEW JERSEY
NEW MEXICO	106,918	277,626	2,500	-	387,044	57,565	4,300	58,803	27,077	1,531,889	-	1,531,889	NEW MEXICO
NEW YORK	649,748	800,369	-	21,000	1,471,117	1,519,675	455,000	5,545	447,627	5,005,296	386,200	5,393,496	NEW YORK
NORTH CAROLINA	403,742	808,077	-	8,090	1,225,909	167,326	2,664	91,194	1,488,335	39,859	1,528,194	1,568,053	NORTH CAROLINA
NORTH DAKOTA	46,352	103,397	-	-	149,749	25,961	49,200	8,968	10,653	244,531	12,125	256,656	NORTH DAKOTA
OHIO	550,019	1,163,520	-	-	1,713,539	458,458	149,493	28,799	151,835	2,573,723	122,829	2,696,552	OHIO
OKLAHOMA	228,643	381,286	-	650	609,929	159,479	25,670	45,266	24,718	913,929	21,995	935,884	OKLAHOMA
OREGON	175,206	349,441	7,822	-	531,119	92,481	47,021	12,505	188,027	874,872	1,766	876,638	OREGON
PENNSYLVANIA	589,959	1,511,187	22,000	30,000	2,153,146	523,269	240,000	13,942	146,244	3,320,137	206,500	3,526,637	PENNSYLVANIA
RHODE ISLAND	45,297	73,780	-	-	119,077	46,109	9,000	-	3,797	194,606	-	217,401	RHODE ISLAND
SOUTH CAROLINA	200,980	362,560	580	-	564,120	73,843	12,088	2,702	18,252	660,426	-	660,426	SOUTH CAROLINA
SOUTH DAKOTA	49,939	606,372	-	82	656,393	72,872	16,655	282,889	37,134	1,050,007	2,447	1,052,454	SOUTH DAKOTA
TENNESSEE	327,960	636,067	10,536	19,868	984,411	85,145	40,358	53,909	37,134	1,185,007	3,401	1,188,408	TENNESSEE
TEXAS	1,020,035	1,474,862	60,239	-	2,555,136	779,502	685,377	27,753	428,319	4,538,461	381,157	4,919,618	TEXAS
UTAH	96,867	186,883	-	-	283,750	63,300	-	3,338	15,713	385,899	-	385,899	UTAH
VERMONT	35,369	64,626	-	-	100,000	5,667	41,500	330	5,496	180,888	1,045	181,933	VERMONT
VIRGINIA	357,207	934,779	47,000	30,000	1,368,986	250,899	8,600	213,004	100,744	2,035,110	158,483	2,193,593	VIRGINIA
WASHINGTON	249,782	893,537	128	1,511	1,144,858	63,966	176,957	60,839	145,121	1,342,171	103,478	1,445,649	WASHINGTON
WEST VIRGINIA	109,750	262,445	-	8	366,193	114,665	163,284	62,973	34,432	614,786	136,764	751,550	WEST VIRGINIA
WISCONSIN	267,687	609,810	140	230	878,667	456,930	7,127	131,907	48,000	1,351,132	196,865	1,548,000	WISCONSIN
WYOMING	70,502	143,589	-	-	214,091	6,130	-	-	19,501	508,654	-	508,654	WYOMING
UNDISTRIBUTED BY STATES	-	-	-	-	-	-	-	-	-	94,243	-	94,243	UNDISTRIBUTED BY STATES
TOTAL	13,291,382	25,034,073	553,094	512,748	39,391,207	11,069,327	4,161,829	2,670,720	5,227,873	65,681,396	4,261,236	69,942,632	TOTAL

1/ EXCLUDES AMOUNTS ALLOCATED FOR COLLECTION EXPENSES AND NONHIGHWAY PURPOSES.
 2/ INCLUDES INTEREST EARNED ON HIGHWAY TRUST FUND RESERVES.
 3/ EXCLUDES SHORT-TERM NOTES AND REFUNDING BOND ISSUES.
 4/ DATA MAY INCLUDE ESTIMATES.
 5/ 1988 STATE FINANCE DATA FOR MASSACHUSETTS WERE ESTIMATED BY FHMA.

TOTAL DISBURSEMENTS FOR HIGHWAYS, ALL UNITS OF GOVERNMENTS - 1988¹

COMPILED FROM REPORTS OF FEDERAL, STATE AND LOCAL AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE HF-2
OCTOBER 1990

STATE	CAPITAL OUTLAY					MAINTENANCE					ADMINISTRATION AND MISCELLANEOUS	HIGHWAY POLICE AND SAFETY	BOND INTEREST	TOTAL DIRECT EXPENDITURES	BOND REDEMPTIONS (PAR VALUE) ^{4/}	TOTAL DISBURSEMENTS	
	STATE-ADMINISTERED HIGHWAYS	LOCAL RURAL ROADS	LOCAL MUNICIPAL STREETS	FEDERAL ROADS AND UNCLASSIFIED ^{2/}	SUMMARY		STATE-ADMINISTERED HIGHWAYS	LOCAL RURAL ROADS	LOCAL MUNICIPAL STREETS	FEDERAL ROADS AND UNCLASSIFIED							TOTAL
					RIGHT-OF-WAY ONLY ^{3/}	TOTAL CAPITAL OUTLAY											
ALABAMA	421,920	26,507	10,523	985	41,714	459,935	127,049	128,844	95,342	682	341,927	57,822	42,145	22,773	934,602	69,769	1,004,371
ALASKA	164,890	25,625	91,162	11,004	17,509	282,681	108,685	8,100	28,000	3,264	148,049	41,422	22,432	27,064	521,848	45,312	567,960
ARIZONA	662,419	137,645	235,863	30,416	216,432	1,066,343	51,421	52,753	83,134	11,589	198,897	76,659	77,825	85,378	1,505,112	45,455	1,648,567
ARKANSAS	224,288	55,683	23,146	4,030	11,366	307,147	59,604	49,000	50,000	2,037	196,641	34,609	32,216	669	571,282	1,439	572,721
CALIFORNIA	1,311,990	228,535	632,955	48,947	243,948	2,222,427	491,276	344,349	716,383	9,761	1,561,766	474,399	931,362	50,316	5,240,273	49,247	5,289,520
COLORADO	299,964	93,212	106,642	35,734	34,119	535,552	108,186	108,547	90,136	4,303	312,174	61,001	81,833	35,163	1,025,723	34,732	1,060,455
CONNECTICUT	510,269	4,500	22,066	-	20,418	536,336	70,995	29,000	160,000	-	259,995	45,910	46,308	76,690	965,338	62,540	1,027,878
DELAWARE	152,350	-	4,270	181	22,363	156,801	43,152	-	6,752	-	49,904	64,428	36,131	29,438	336,702	34,301	371,003
DIST. OF COL.	-	-	104,919	2,536	-	107,455	-	-	30,499	4,027	34,526	14,044	8,742	68,807	233,574	4,386	237,960
FLORIDA	1,390,934	332,077	158,255	1,093	247,193	1,682,359	223,619	342,580	231,950	2,953	801,042	14,044	258,145	116,705	3,140,273	114,227	3,254,500
GEORGIA	635,227	80,151	22,023	3,254	77,468	740,655	186,036	223,188	119,371	1,518	530,113	94,209	164,793	58,291	1,589,061	67,654	1,656,715
HAWAII	93,784	40,001	8,227	-	17,262	142,012	17,317	14,321	20,844	820	53,302	32,944	11,106	14,366	253,730	17,998	271,728
IDAHO	121,028	37,642	3,766	23,557	5,108	185,993	42,594	51,758	15,522	6,618	116,492	29,298	18,568	126	350,438	89	350,527
ILLINOIS	1,159,815	252,036	195,292	516	45,186	1,577,659	261,610	247,564	300,341	3,264	809,953	2,863,007	120,705	2,863,007	2,945,046	2,945,046	5,890,092
INDIANA	381,145	66,906	87,874	382	15,829	538,307	217,340	130,836	63,708	861	412,745	53,578	82,105	30,813	1,117,548	4,700	1,122,248
IOWA	282,872	63,200	104,850	1	14,834	450,923	108,383	162,068	86,684	133	357,468	74,253	56,444	21,873	960,961	49,399	1,010,360
KANSAS	222,899	59,305	41,537	22	5,951	323,763	77,371	168,000	88,000	369	333,740	56,786	37,164	41,346	792,818	40,990	833,208
KENTUCKY	526,889	73,803	30,305	12,210	38,127	643,207	141,993	12,178	22,096	1,384	149,564	399,708	74,643	149,467	1,062,039	60,552	1,122,591
LOUISIANA	442,614	23,207	124,448	1,199	64,692	591,468	85,179	85,179	56,310	764	187,626	74,063	145,066	134,679	1,182,502	100,825	1,283,327
MAINE	94,802	9,275	12,758	499	2,722	117,334	85,258	64,230	25,731	312	176,531	19,026	25,575	9,396	346,882	31,503	378,365
MARYLAND	716,356	140,000	150,000	11,056	105,191	1,017,412	144,937	85,123	64,000	1,801	295,961	115,052	146,669	68,160	1,644,254	55,700	1,700,954
MASSACHUSETTS ^{5/}	759,950	17,000	80,000	174	48,478	857,124	144,244	146,244	1,964	399,708	214,738	149,467	106,118	1,727,150	1,833,346	108,198	1,941,544
MICHIGAN	472,147	54,069	130,000	4,027	27,093	670,243	123,859	450,832	165,000	1,753	741,444	130,838	244,212	24,915	1,811,652	181,227	1,992,879
MINNESOTA	479,000	290,158	267,629	5,441	50,735	982,208	121,614	240,719	163,434	2,858	492,625	101,920	143,806	54,725	1,775,283	81,724	1,857,007
MISSISSIPPI	233,588	87,087	30,708	1,782	16,891	353,165	46,763	128,000	66,000	1,802	240,565	28,280	56,777	29,348	708,145	32,412	740,557
MISSOURI	410,738	36,645	87,384	2,169	24,073	536,937	208,523	113,215	1,603	1,603	423,916	115,903	121,546	11,182	1,209,684	16,319	1,226,003
MONTANA	160,150	25,251	19,016	31,091	12,105	235,508	9,835	42,623	14,411	8,148	75,017	17,655	17,829	11,117	357,227	357,574	714,801
NEBRASKA	163,176	47,770	67,153	479	9,036	288,584	42,206	81,795	36,834	470	160,305	29,045	37,077	17,951	532,962	23,808	556,770
NEVADA	155,063	25,047	6,000	1,562	12,154	187,692	44,299	19,000	11,900	1,718	76,017	23,551	32,185	10,687	330,132	18,642	348,774
NEW HAMPSHIRE	85,271	11,520	18,685	487	12,158	117,527	29,000	28,000	28,000	1,384	146,242	14,224	36,553	14,927	361,947	13,088	375,035
NEW JERSEY	518,143	68,931	103,921	332	70,674	691,327	237,857	53,850	244,000	1,215	538,736	43,264	36,553	310,200	1,991,722	71,997	2,063,719
NEW MEXICO	233,912	4,312	11,000	8,320	15,861	257,544	57,209	20,000	16,900	7,290	111,395	66,894	26,851	7,198	469,924	52,857	522,581
NEW YORK	955,053	447,578	601,483	122	26,813	2,004,236	434,922	476,182	780,050	2,952	1,744,106	319,418	304,800	203,521	4,670,081	325,959	4,996,040
NORTH CAROLINA	546,853	17,959	89,114	11,556	78,438	647,523	372,280	29,000	28,000	3,186	451,355	95,101	171,815	20,111	1,363,909	30,841	1,414,750
NORTH DAKOTA	77,963	45,286	16,751	3,516	1,181	143,516	34,615	39,690	13,500	1,687	89,492	15,597	13,866	7,460	270,051	18,280	288,331
OHIO	678,606	132,373	215,066	667	29,341	1,026,712	205,841	224,073	261,936	680	692,530	250,715	132,239	48,336	2,150,533	240,964	2,391,497
OKLAHOMA	298,897	97,796	49,839	6,914	9,097	453,236	113,890	85,189	70,000	446	269,525	92,183	82,710	13,256	910,910	11,117	922,027
OREGON	217,234	101,191	68,061	46,821	22,951	427,307	99,315	73,570	41,602	29,311	243,798	69,302	18,117	181,117	816,370	21,562	837,932
PENNSYLVANIA	1,338,700	75,000	87,000	1,127	62,654	1,501,827	625,927	229,024	220,000	3,325	1,078,276	167,883	502,574	175,701	3,426,261	157,945	3,584,204
RHODE ISLAND	141,062	626	25,984	-	5,917	167,671	13,285	1,450	11,400	22	26,137	11,089	16,027	8,559	229,683	22,782	252,665
SOUTH CAROLINA	297,071	25,312	11,322	1,014	18,495	334,719	185,307	25,466	12,654	840	195,287	43,561	77,392	664	651,603	8,352	659,955
SOUTH DAKOTA	115,031	31,905	23,455	2,960	2,932	173,351	33,487	39,965	12,723	2,957	89,132	22,845	1,534	1,534	318,557	2,946	321,503
TENNESSEE	407,010	186,602	39,895	8,809	38,611	724,010	168,838	116,639	32,000	1,716	351,658	55,658	58,142	35,993	1,197,642	23,234	1,220,876
TEXAS	2,119,836	361,601	488,756	9,070	142,693	2,979,273	545,632	320,751	308,755	2,461	1,177,593	354,593	486,416	328,834	5,306,651	187,985	5,494,646
UTAH	212,893	19,950	19,700	16,829	2,650	269,372	52,603	31,000	31,700	4,275	119,578	23,850	27,944	513	441,257	4,100	445,357
VERMONT	49,954	17,959	14,564	397	2,032	69,907	33,487	35,331	11,000	180	83,755	15,203	13,361	1,968	196,971	6,678	203,649
VIRGINIA	963,702	50,000	67,000	14,153	138,830	1,114,685	422,202	32,000	4,666	143,008	501,895	108,526	182,748	45,294	2,063,320	97,875	2,161,195
WASHINGTON	429,239	102,232	129,202	27,947	30,019	688,621	147,987	124,611	62,476	12,520	347,594	138,144	130,179	79,221	1,393,769	53,962	1,447,731
WEST VIRGINIA	242,966	138,527	12,000	5,524	9,978	268,490	145,973	182,992	45,253	1,040	198,276	31,992	22,326	80,195	546,011	81,514	627,525
WISCONSIN	328,208	139,527	158,799	5,877	22,703	611,411	128,154	182,992	1,148	470,355	109,550	207,127	23,278	1,458,639	95,140	1,553,779	
WYOMING	148,073	13,018	15,755	14,340	2,105	193,185	50,863	15,515	12,523	2,655	61,656	21,650	712	1,186	312,482	1,896	314,378
UNDISTRIBUTED BY STATES	-	-	-	17,801	-	17,801	-	-	-	-	-	311,300	-	-	329,101	-	329,101
TOTAL	23,157,735	4,227,935	5,067,122	430,740	2,193,937	32,883,532	7,629,050	5,570,708	5,75								

**ESTIMATED LONG-TERM HIGHWAY OBLIGATIONS ISSUED.
REDEEMED AND OUTSTANDING. 1986-1989¹**

TABLE HB-2
OCTOBER 1990

(MILLIONS OF DOLLARS)

	1986			1987			1988			1989 2/		
	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL
OBLIGATIONS ISSUED DURING THE YEAR 3/												
STATE	1,779	2,167	3,946	205	1,722	1,927	128	2,256	2,384	1,388	1,708	3,096
COUNTY AND TOWNSHIP	784	677	1,461	-	451	451	79	488	567	75	575	650
MUNICIPAL	197	1,333	1,530	21	1,403	1,424	-	1,310	1,310	-	1,350	1,350
TOTAL OBLIGATIONS ISSUED	2,760	4,177	6,937	226	3,576	3,802	207	4,054	4,261	1,463	3,633	5,096
OBLIGATIONS REDEEMED DURING THE YEAR 4/												
STATE	518	1,357	1,875	250	1,375	1,625	202	1,194	1,396	334	1,729	2,063
COUNTY AND TOWNSHIP	16	233	249	53	296	349	28	325	353	30	345	375
MUNICIPAL	26	640	666	33	678	711	29	957	986	30	1,003	1,033
TOTAL OBLIGATIONS REDEEMED	560	2,230	2,790	336	2,349	2,685	259	2,476	2,735	394	3,077	3,471
OBLIGATIONS OUTSTANDING AT END OF THE YEAR												
STATE	8,519	13,542	22,061	8,474	13,889	22,363	8,400	14,951	23,351	9,454	14,930	24,384
COUNTY AND TOWNSHIP	1,956	3,196	5,152	1,903	3,351	5,254	1,954	3,514	5,468	1,999	3,744	5,743
MUNICIPAL	637	7,598	8,235	625	8,323	8,948	596	8,676	9,272	566	9,023	9,589
TOTAL OBLIGATIONS OUTSTANDING	11,112	24,336	35,448	11,002	25,563	36,565	10,950	27,141	38,091	12,019	27,697	39,716

1/ STATE DATA ARE FOR CALENDAR YEAR; LOCAL DATA ARE FOR VARYING FISCAL YEARS.

2/ 1989 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, 1989

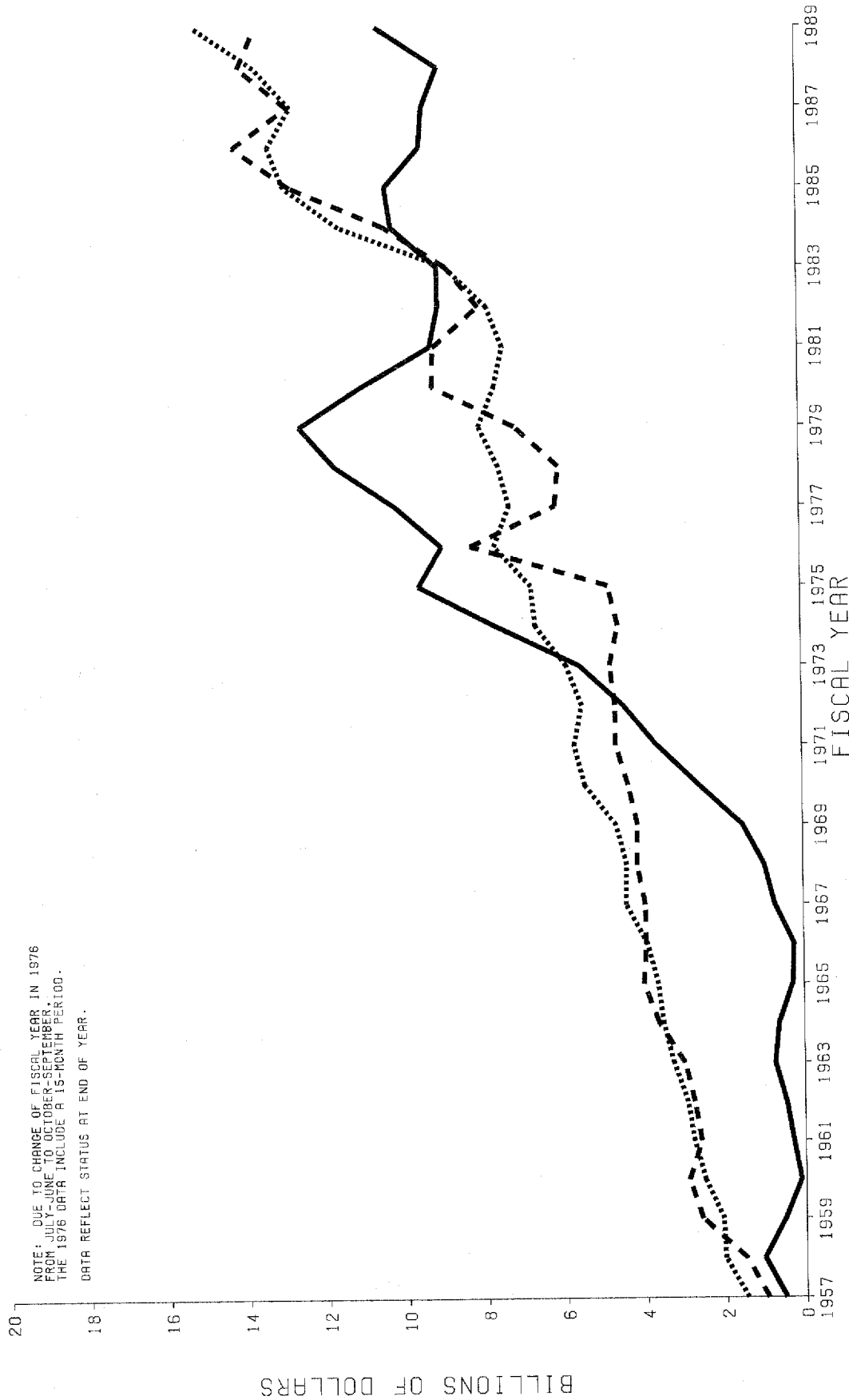
TABLE FE-10
MARCH 1990

ITEMS	HIGHWAYS	MASS TRANSIT ACCOUNT 2/	TOTAL
I. OPENING BALANCE:	\$9,019,107,656.62	\$5,167,560,405.04	\$14,186,668,061.66
II. RECEIPTS:			
A. EXCISE TAXES (TRANSFERRED GENERAL FUND RECEIPTS)			
1. GASOLINE	8,839,340,864.00	977,212,850.00	9,816,553,714.00
2. GASOLINE	153,080,000.00	72,407,000.00	225,487,000.00
3. DIESEL AND SPECIAL MOTOR FUELS	4,155,620,464.00	219,800,200.00	4,375,420,664.00
4. TIRES	316,044,395.00	-	316,044,395.00
5. TRUCKS AND TRAILERS	1,239,536,143.00	-	1,239,536,143.00
6. FEDERAL USE TAX	608,314,063.00	-	608,314,063.00
7. REPEALED TAXES 3/	(716,187.00)	-	(716,187.00)
8. FINES AND PENALTIES	4,278,549.97	-	4,278,549.97
9. TOTAL EXCISE TAXES	15,315,498,291.97	1,269,420,050.00	16,584,918,341.97
B. DEDUCT - REIMBURSEMENT TO GENERAL FUND RECEIPTS (REFUNDS AND TAX CREDITS)			
1. GASOLINE USED ON FARMS	264,871,250.00	-	264,871,250.00
2. GASOLINE USED FOR ALL OTHER NONHIGHWAY PURPOSES OR LOCAL TRANSIT SYSTEMS	8,062,660.00	-	8,062,660.00
3. TAXICAB FUEL REFUNDS	1,647,080.00	-	1,647,080.00
4. FUEL USED IN COMMERCIAL FISHING VESSELS	53,527,960.00	-	53,527,960.00
5. GASOLINE (TAX PAID GASOLINE)	53,156,880.00	-	53,156,880.00
6. AVIATION FUELS USED ON FARMS	3,964,230.00	-	3,964,230.00
7. GASOLINE, OTHER	402,024,272.00	-	402,024,272.00
8. DIESEL FUELS	56,172,850.00	-	56,172,850.00
9. GASOLINE, DIESEL AND ALCOHOL MIXTURES	1,696,120.00	-	1,696,120.00
10. TOTAL	845,123,302.00	-	845,123,302.00
C. TRANSFERS			
1. TO LAND AND WATER CONSERVATION FUND	1,000,000.00	-	1,000,000.00
2. TO AQUATIC RESOURCES TRUST FUND	110,917,000.00	-	110,917,000.00
3. TOTAL	111,917,000.00	-	111,917,000.00
D. NET EXCISE TAXES	14,358,457,989.97	1,269,420,050.00	15,627,878,039.97
E. INTEREST	775,913,312.61	468,869,255.75	1,244,782,568.36
F. TOTAL RECEIPTS	15,134,371,302.58	1,738,289,305.75	16,872,660,608.33
III. EXPENDITURES: (CHECKS ISSUED BASIS)			
A. FEDERAL HIGHWAY ADMINISTRATION			
1. HIGHWAYS (FEDERAL-AID)	13,306,421,320.76	-	13,306,421,320.76
2. RIGHT-OF-WAY REVOLVING FUND	(11,240,954.03)	-	(11,240,954.03)
3. HIGHWAY RELATED SAFETY GRANTS	69,647,062.92	-	69,647,062.92
4. HIGHWAY SAFETY RESEARCH AND DEVELOPMENT	10,495,474.43	-	10,495,474.43
5. TRUST FUND SHARE OTHER HIGHWAY PROGRAMS	1,842,502.53	-	1,842,502.53
6. OTHER	23,327,099.22	-	23,327,099.22
7. TOTAL	13,400,492,505.83	-	13,400,492,505.83
B. URBAN MASS TRANSPORTATION ADMINISTRATION	-	848,507,536.58	848,507,536.58
C. NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION	201,987,483.45	-	201,987,483.45
D. TOTAL EXPENDITURES	13,602,479,989.28	848,507,536.58	14,450,987,525.86
IV. BALANCES IN TRUST FUND			
A. INVESTMENTS			
U. S. TREASURY SPECIAL CERTIFICATES OF INDEBTEDNESS 4/	9,925,936,000.00	6,051,947,000.00	15,977,883,000.00
B. UNDISBURSED BALANCES			
1. AVAILABLE FOR INVESTMENT	(65,461.88)	57.26	(65,404.62)
2. HIGHWAYS (FEDERAL-AID)	598,447,356.54	-	598,447,356.54
3. RIGHT-OF-WAY REVOLVING FUND	16,000,814.95	-	16,000,814.95
4. HIGHWAY RELATED SAFETY GRANTS	4,748,899.99	-	4,748,899.99
5. HIGHWAY SAFETY RESEARCH AND DEVELOPMENT	288,545.25	-	288,545.25
6. TRUST FUND SHARE OTHER HIGHWAY PROGRAMS	1,878,618.94	-	1,878,618.94
7. MASS TRANSIT ACCOUNT	-	5,395,116.95	5,395,116.95
8. NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION	(10,682,094.49)	-	(10,682,094.49)
9. OTHER	14,446,290.62	-	14,446,290.62
10. TOTAL	625,062,969.92	5,395,174.21	630,458,144.13
C. TOTAL BALANCE	\$10,550,998,969.92	\$6,057,342,174.21	\$16,608,341,144.13

1/ THE FUND WAS CREATED JUNE 29, 1956 WITH 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.
 GASOLINE EXCLUDES PRIOR REFUNDS OF \$113,968,690.00 CHARGED TO THE MASS TRANSIT ACCOUNT.
 3/ INCLUDES PARTS AND ACCESSORIES, INNER TUBES, TREAD RUBBER, AND LUBRICATING OIL.
 4/ CERTIFICATES HELD SEPTEMBER 30, 1989 FOR \$380,137,000.00 BORE INTEREST AT 9 PERCENT AND \$15,597,746,000.00 BORE INTEREST AT 9.125 PERCENT.

STATUS OF THE FEDERAL HIGHWAY TRUST FUND

(EXCLUDES MASS TRANSIT ACCOUNT)



NOTE: DUE TO CHANGE OF FISCAL YEAR IN 1976 FROM JULY-JUNE TO OCTOBER-SEPTEMBER, THE 1976 DATA INCLUDE A 15-MONTH PERIOD. DATA REFLECT STATUS AT END OF YEAR.

LEGEND

..... NET INCOME INCLUDING INTEREST
 ——— HTF BALANCE
 - - - - OUTLAYS

FEDERAL HIGHWAY TRUST FUND RECEIPTS
ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE¹
FISCAL YEAR 1989

TABLE FE-9
SHEET 1 OF 2
MAY 1990

(THOUSANDS OF DOLLARS)

STATE	GASOLINE	GASOHOL	TOTAL GASOLINE	SPECIAL FUELS	TOTAL MOTOR FUEL 2/	STATE
	(1)	(2)	(3)	(4)	(5)	
ALABAMA	125,494	7,831	133,325	97,978	231,303	ALABAMA
ALASKA	16,492	4	16,496	8,732	25,228	ALASKA
ARIZONA	131,080	-	131,080	61,189	192,269	ARIZONA
ARKANSAS	95,226	-	95,226	74,109	169,335	ARKANSAS
CALIFORNIA	949,694	9,203	958,897	359,014	1,317,911	CALIFORNIA
COLORADO	114,588	954	115,542	38,535	154,077	COLORADO
CONNECTICUT	106,968	-	106,968	41,858	148,826	CONNECTICUT
DELAWARE	26,306	-	26,306	11,303	37,609	DELAWARE
DIST. OF COL.	14,154	8	14,162	4,698	18,860	DIST. OF COL.
FLORIDA	446,424	1,436	447,860	157,426	605,286	FLORIDA
GEORGIA	269,858	118	269,976	169,562	439,538	GEORGIA
HAWAII	27,465	-	27,465	4,632	32,097	HAWAII
IDAHO	30,820	847	31,667	20,321	51,988	IDAHO
ILLINOIS	267,350	26,460	293,810	157,688	451,498	ILLINOIS
INDIANA	156,952	12,256	169,208	128,229	297,437	INDIANA
IOWA	69,729	7,578	77,307	68,264	145,571	IOWA
KANSAS	89,194	2,272	91,466	60,948	152,414	KANSAS
KENTUCKY	90,418	12,356	102,774	100,396	203,170	KENTUCKY
LOUISIANA	148,752	1,498	150,250	75,438	225,688	LOUISIANA
MAINE	49,048	-	49,048	23,486	72,534	MAINE
MARYLAND	158,505	-	158,505	66,434	224,939	MARYLAND
MASSACHUSETTS	192,672	-	192,672	59,234	251,906	MASSACHUSETTS
MICHIGAN	290,979	9,397	300,376	107,300	407,676	MICHIGAN
MINNESOTA	139,397	3,234	142,631	67,659	210,290	MINNESOTA
MISSISSIPPI	94,177	-	94,177	65,015	159,192	MISSISSIPPI
MISSOURI	199,975	2,536	202,511	109,213	311,724	MISSOURI
MONTANA	32,416	5	32,421	23,640	56,061	MONTANA
NEBRASKA	37,356	4,855	42,211	40,997	83,208	NEBRASKA
NEVADA	41,402	1,067	42,469	23,592	66,061	NEVADA
NEW HAMPSHIRE	40,239	-	40,239	11,841	52,080	NEW HAMPSHIRE
NEW JERSEY	263,680	-	263,680	104,425	368,105	NEW JERSEY
NEW MEXICO	51,000	2,778	53,778	41,761	95,539	NEW MEXICO
NEW YORK	422,506	-	422,506	151,666	574,172	NEW YORK
NORTH CAROLINA	254,858	-	254,858	125,039	379,897	NORTH CAROLINA
NORTH DAKOTA	21,743	834	22,577	18,569	41,146	NORTH DAKOTA
OHIO	297,137	18,470	315,607	176,929	492,536	OHIO
OKLAHOMA	124,001	-	124,001	78,929	202,930	OKLAHOMA
OREGON	103,597	-	103,597	61,678	165,275	OREGON
PENNSYLVANIA	360,943	-	360,943	189,325	550,268	PENNSYLVANIA
RHODE ISLAND	29,925	-	29,925	8,889	38,814	RHODE ISLAND
SOUTH CAROLINA	110,225	1,925	112,150	63,307	175,457	SOUTH CAROLINA
SOUTH DAKOTA	23,571	1,094	24,665	19,267	43,932	SOUTH DAKOTA
TENNESSEE	146,507	10,915	157,422	117,146	274,568	TENNESSEE
TEXAS	640,520	6,427	646,947	271,122	918,069	TEXAS
UTAH	59,063	7	59,070	30,414	89,484	UTAH
VERMONT	21,903	-	21,903	9,273	31,176	VERMONT
VIRGINIA	208,685	5,308	213,993	116,001	329,994	VIRGINIA
WASHINGTON	159,981	1,026	161,007	69,262	230,269	WASHINGTON
WEST VIRGINIA	63,653	-	63,653	37,876	101,529	WEST VIRGINIA
WISCONSIN	156,786	380	157,166	85,446	242,612	WISCONSIN
WYOMING	22,866	1	22,867	30,865	53,732	WYOMING
TOTAL	7,996,280	153,080	8,149,360	4,045,920	12,195,280	TOTAL

FEDERAL HIGHWAY TRUST FUND RECEIPTS
ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE¹

FISCAL YEAR 1989

TABLE FE-9
SHEET 2 OF 2
MAY 1990

(THOUSANDS OF DOLLARS)

STATE	FEDERAL USE TAX	TRUCKS AND TRAILERS	TIRES	REPEALED TAXES 3/	TOTAL RECEIPTS	STATE
	(6)	(7)	(8)	(9)	(10)	
ALABAMA	14,731	30,017	7,653	-14	283,690	ALABAMA
ALASKA	1,313	2,675	682	-1	29,897	ALASKA
ARIZONA	9,200	18,746	4,780	-11	224,984	ARIZONA
ARKANSAS	11,142	22,705	5,789	-9	208,962	ARKANSAS
CALIFORNIA	53,980	109,990	28,044	-80	1,509,845	CALIFORNIA
COLORADO	5,794	11,806	3,010	-9	174,678	COLORADO
CONNECTICUT	6,293	12,824	3,270	-9	171,204	CONNECTICUT
DELAWARE	1,699	3,463	883	-2	43,652	DELAWARE
DIST. OF COL.	706	1,439	367	-1	21,371	DIST. OF COL.
FLORIDA	23,669	48,230	12,297	-36	689,446	FLORIDA
GEORGIA	25,494	51,949	13,245	-24	530,202	GEORGIA
HAWAII	696	1,419	362	-2	34,572	HAWAII
IDAHO	3,055	6,226	1,587	-3	62,853	IDAHO
ILLINOIS	23,709	48,310	12,318	-31	535,804	ILLINOIS
INDIANA	19,280	39,285	10,017	-18	366,001	INDIANA
IOWA	10,264	20,914	5,332	-9	182,072	IOWA
KANSAS	9,164	18,672	4,761	-9	185,002	KANSAS
KENTUCKY	15,095	30,758	7,842	-13	256,852	KENTUCKY
LOUISIANA	11,342	23,112	5,893	-13	266,022	LOUISIANA
MAINE	3,531	7,195	1,835	-4	85,091	MAINE
MARYLAND	9,989	20,353	5,189	-13	260,457	MARYLAND
MASSACHUSETTS	8,906	18,147	4,627	-15	283,571	MASSACHUSETTS
MICHIGAN	16,133	32,873	8,382	-26	465,038	MICHIGAN
MINNESOTA	10,173	20,729	5,285	-13	246,464	MINNESOTA
MISSISSIPPI	9,775	19,918	5,079	-8	193,956	MISSISSIPPI
MISSOURI	16,420	33,459	8,531	-18	370,116	MISSOURI
MONTANA	3,554	7,243	1,847	-3	68,702	MONTANA
NEBRASKA	6,164	12,560	3,202	-5	105,129	NEBRASKA
NEVADA	3,547	7,228	1,843	-4	78,675	NEVADA
NEW HAMPSHIRE	1,780	3,628	925	-3	58,410	NEW HAMPSHIRE
NEW JERSEY	15,700	31,992	8,157	-21	423,933	NEW JERSEY
NEW MEXICO	6,279	12,794	3,262	-6	117,868	NEW MEXICO
NEW YORK	22,803	46,466	11,847	-34	655,254	NEW YORK
NORTH CAROLINA	18,800	38,308	9,767	-21	446,751	NORTH CAROLINA
NORTH DAKOTA	2,792	5,689	1,451	-2	51,076	NORTH DAKOTA
OHIO	26,602	54,205	13,821	-31	587,133	OHIO
OKLAHOMA	11,867	24,181	6,166	-11	245,133	OKLAHOMA
OREGON	9,274	18,896	4,818	-9	198,254	OREGON
PENNSYLVANIA	28,465	58,003	14,789	-30	651,495	PENNSYLVANIA
RHODE ISLAND	1,336	2,723	694	-2	43,565	RHODE ISLAND
SOUTH CAROLINA	9,516	19,395	4,945	-10	209,305	SOUTH CAROLINA
SOUTH DAKOTA	2,897	5,903	1,505	-3	54,234	SOUTH DAKOTA
TENNESSEE	17,613	35,890	9,151	-17	337,205	TENNESSEE
TEXAS	40,765	83,063	21,178	-54	1,063,021	TEXAS
UTAH	4,573	9,318	2,376	-5	105,746	UTAH
VERMONT	1,394	2,841	724	-2	36,133	VERMONT
VIRGINIA	17,441	35,539	9,061	-19	392,016	VIRGINIA
WASHINGTON	10,414	21,219	5,410	-13	267,299	WASHINGTON
WEST VIRGINIA	5,695	11,604	2,959	-5	121,782	WEST VIRGINIA
WISCONSIN	12,847	26,178	6,675	-13	288,299	WISCONSIN
WYOMING	4,641	9,456	2,411	-2	70,238	WYOMING
TOTAL	608,314	1,239,536	316,044	-716	14,358,458	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 - 1989

TABLE FE-221
MAY 1990

(THOUSANDS OF DOLLARS)

STATE	PAYMENTS INTO THE FUND 2/				APPORTIONMENTS FROM THE FUND 3/				RATIO - APPORTIONMENTS/PAYMENTS	
	FISCAL YEAR 1989	PERCENT OF TOTAL	CUMULATED SINCE 7-1-56	PERCENT OF TOTAL	FISCAL YEAR 1989	PERCENT OF TOTAL	CUMULATED SINCE 7-1-56	PERCENT OF TOTAL	FISCAL YEAR 1989	CUMULATED SINCE 7-1-56
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ALABAMA	283,690	1.976	3,806,318	1.858	267,258	1.855	4,880,402	2.073	0.94	1.28
ALASKA	29,897	0.208	372,799	0.182	161,245	1.119	2,908,219	1.235	5.39	7.80
ARIZONA	224,984	1.587	2,505,537	1.272	140,479	0.975	3,688,580	1.568	0.62	1.42
ARKANSAS	208,962	1.455	2,571,416	1.255	160,086	1.042	2,520,805	1.071	0.72	0.98
CALIFORNIA	1,509,845	10.515	20,738,943	10.121	1,076,949	7.476	18,513,852	7.862	0.71	0.89
COLORADO	174,678	1.217	2,650,418	1.293	316,739	2.199	3,719,192	1.579	1.81	1.40
CONNECTICUT	171,204	1.152	2,437,422	1.219	323,173	2.243	4,145,190	1.760	1.89	1.66
DELAWARE	43,652	0.304	611,504	0.298	52,357	0.363	933,280	0.396	1.20	1.53
DIST. OF COL.	21,371	0.149	411,587	0.201	112,400	0.780	1,636,879	0.695	5.26	3.98
FLORIDA	689,446	4.802	8,406,787	4.103	695,976	4.832	7,913,147	3.380	1.01	0.94
GEORGIA	530,202	3.693	6,020,828	2.938	400,735	2.782	5,043,240	2.566	0.76	1.00
HAWAII	34,572	0.241	514,094	0.251	235,015	1.631	1,683,360	0.715	6.80	3.27
IDAHO	62,853	0.438	964,233	0.471	160,299	1.113	1,831,108	0.778	2.55	1.90
ILLINOIS	535,804	3.732	9,005,525	4.395	506,134	3.514	10,218,386	4.340	0.94	1.13
INDIANA	366,001	2.549	5,615,649	2.741	316,558	2.198	4,913,646	2.087	0.86	0.87
IOWA	182,072	1.258	2,971,078	1.450	215,196	1.484	3,456,353	1.472	1.18	1.17
KANSAS	185,002	1.288	2,683,754	1.310	145,594	1.011	3,054,387	1.297	0.79	1.14
KENTUCKY	256,852	1.769	3,346,892	1.639	188,512	1.308	4,041,252	1.716	0.79	1.21
LOUISIANA	286,022	1.853	3,840,545	1.874	275,181	1.910	5,474,483	2.325	1.03	1.43
MAINE	85,091	0.593	1,117,224	0.545	75,793	0.526	1,241,367	0.527	0.89	1.11
MARYLAND	260,457	1.814	3,545,435	1.731	309,938	2.152	5,620,190	2.387	1.19	1.58
MASSACHUSETTS	283,671	1.975	4,295,835	2.096	353,293	2.463	4,752,618	2,018	1.25	1.11
MICHIGAN	465,038	3.239	7,908,687	3.860	407,439	2.828	7,183,987	3.051	0.88	0.91
MINNESOTA	246,464	1.717	3,817,429	1.853	331,616	2.302	5,137,130	2.182	1.35	1.35
MISSISSIPPI	193,966	1.351	2,537,329	1.238	160,387	1.113	2,652,746	1.131	0.83	1.05
MISSOURI	370,116	2.578	5,278,546	2.576	305,513	2.121	5,266,199	2,245	0.83	1.00
MONTANA	68,702	0.478	1,005,697	0.491	113,784	0.790	2,580,314	1,096	1.86	2.57
NEBRASKA	105,129	0.752	1,740,137	0.849	102,246	0.710	2,025,009	0.860	0.97	1.16
NEVADA	78,675	0.548	392,305	0.435	82,891	0.575	1,713,572	0.728	1.05	1.32
NEW HAMPSHIRE	58,410	0.407	778,128	0.360	50,814	0.422	1,185,568	0.503	1.04	1.52
NEW JERSEY	429,939	2.952	6,215,450	3.033	367,300	2.550	5,766,206	2,449	0.87	0.93
NEW MEXICO	117,868	0.821	1,575,253	0.769	121,343	0.842	2,303,164	0.978	1.03	1.46
NEW YORK	655,254	4.584	10,597,512	5.172	785,735	5.455	12,713,853	5.399	1.20	1.20
NORTH CAROLINA	446,761	3.111	5,786,109	2.829	480,175	3.195	4,935,901	2,036	1.03	0.85
NORTH DAKOTA	51,076	0.356	772,586	0.377	80,770	0.561	1,501,363	0.638	1.58	1.84
OHIO	587,133	4.089	9,627,993	4.699	472,436	3.280	8,796,635	3.735	0.80	0.91
OKLAHOMA	245,133	1.707	3,589,499	1.752	205,205	1.425	3,036,444	1.289	0.84	0.85
OREGON	198,254	1.381	2,662,212	1.299	158,829	1.103	3,441,720	1,462	0.80	1.29
PENNSYLVANIA	651,495	4.637	9,600,108	4.685	561,113	3.895	10,964,319	4,856	0.86	1.14
RHODE ISLAND	43,555	0.303	695,239	0.339	115,603	0.803	1,466,517	0.622	2.65	2.11
SOUTH CAROLINA	209,305	1.458	2,972,787	1.451	136,982	0.951	2,757,900	1.171	0.85	0.93
SOUTH DAKOTA	64,234	0.378	830,007	0.405	84,281	0.585	1,625,413	0.690	1.55	1.86
TENNESSEE	337,205	2.346	4,632,927	2.261	315,175	2.209	5,010,260	2,128	0.94	1.08
TEXAS	1,063,021	7.403	15,734,341	7.579	953,824	6.822	13,416,111	5.697	0.90	0.85
UTAH	105,748	0.735	1,383,991	0.666	113,757	0.790	2,760,750	1.172	1.08	2.02
VERMONT	36,133	0.252	482,053	0.235	59,116	0.410	1,159,999	0.497	1.64	2.43
VIRGINIA	392,016	2.730	4,987,926	2.434	264,544	1.836	6,478,317	2,751	0.67	1.30
WASHINGTON	267,299	1.862	3,620,327	1.767	592,546	4.114	6,290,373	2,671	2.22	1.74
WEST VIRGINIA	121,782	0.848	1,678,395	0.819	117,428	0.815	3,889,218	1.652	0.96	2.32
WISCONSIN	288,299	2.008	4,121,272	2.011	228,437	1.586	3,505,262	1,489	0.79	0.85
WYOMING	70,238	0.489	799,887	0.390	89,347	0.620	1,722,360	0.731	1.27	2.15
TOTAL	14,358,458	100.000	204,909,533	100.000	14,330,542	99.484	234,524,945	99.585	1.00	1.14
AMERICAN SAMOA	-	-	-	-	1,839	0.013	11,611	0.005	-	-
GUAM	-	-	-	-	5,689	0.039	34,271	0.015	-	-
N. MARIANAS	-	-	-	-	1,686	0.012	10,904	0.005	-	-
PUERTO RICO	-	-	-	-	59,652	0.414	657,546	0.364	-	-
VIRGIN ISLANDS	-	-	-	-	5,477	0.038	39,066	0.017	-	-
GRAND TOTAL	14,358,458	100.000	204,909,533	100.000	14,404,885	100.000	235,478,344	100.000	1.00	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 1990 INTERSTATE CONSTRUCTION AND INTERSTATE 4R FUNDS APPORTIONED DURING FISCAL YEAR 1989.
 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, EMERGENCY RELIEF, RURAL HIGHWAY PUBLIC TRANSPORTATION DEMONSTRATION, PARKWAYS AND PARK ROADS, ALCOHOL SAFETY INCENTIVE GRANTS AND THE HOODROW WILSON BRIDGE.

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS¹

TABLE FE-101
SHEET 1 OF 2

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 5/	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES 6/	TUBES 6/	TREAD RUBBER (CENTS PER POUND) 7/	FEDERAL USE
OCTOBER 4, 1917	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-
JANUARY 1, 1919	-	-	-	V	V	V	V	-	-	-	-	-	AUTOMOBILES FOR HIRE \$10 FOR 7-PASSENGER OR LESS, \$20 FOR OVER 7
FEBRUARY 25, 1919	-	-	-	5 PERCENT	5 PERCENT	5 PERCENT	V	-	5 PERCENT	5 PERCENT	5 PERCENT	-	V
JULY 3, 1924	-	-	-	V	V	V	EXEMPTED TRUCK CHASSIS SOLD FOR \$1,000 OR UNDER AND TRUCK BODIES FOR \$200 OR UNDER	-	2.5 PERCENT	2.5 PERCENT	2.5 PERCENT	-	V
FEBRUARY 26, 1926	-	-	-	V	V	V	REPEALED	-	REPEALED	REPEALED	REPEALED	-	V
MARCH 29, 1926	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	REPEALED
JUNE 30, 1926	-	-	-	V	V	V	-	-	-	-	-	-	-
MAY 29, 1928	-	-	-	REPEALED	REPEALED	REPEALED	-	-	-	-	-	-	-
JUNE 21, 1932	1 CENT	-	4 CENTS	3 PERCENT	3 PERCENT	3 PERCENT	2 PERCENT	-	2 PERCENT	2.25 CENTS A POUND	4 CENTS A POUND	-	-
JUNE 17, 1933	1.5 CENTS	-	V	V	V	V	V	-	V	V	V	-	-
JANUARY 1, 1934	1 CENT	-	V	V	V	V	V	-	V	V	V	-	-
JULY 1, 1940	1.5 CENTS	-	4.5 CENTS	3.5 PERCENT	9.5 PERCENT	9.5 PERCENT	2.5 PERCENT	-	2.5 PERCENT	2.5 CENTS A POUND	4.5 CENTS A POUND	-	-
OCTOBER 1, 1941	V	-	V	7 PERCENT	7 PERCENT	5 PERCENT	5 PERCENT	HOUSE TRAILERS 7 PERCENT; OTHERS, 6 PERCENT	5 PERCENT	5 CENTS A POUND	9 CENTS A POUND	-	-
FEBRUARY 1, 1942	V	-	V	V	V	V	V	V	V	V	V	-	ALL MOTOR VEHICLES, 35
NOVEMBER 1, 1942	V	-	6 CENTS	V	V	V	V	V	V	V	V	-	V
JUNE 30, 1946	V	-	V	V	V	V	V	V	V	V	V	-	REPEALED
NOVEMBER 1, 1951	2 CENTS	2 CENTS	V	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	8 PERCENT 8/	8 PERCENT	V	V	-	-
SEPTEMBER 1, 1955	V	V	CUTTING OIL, 3 CENTS; OTHER, 5 CENTS	V	REPEALED	V	V	V	V	V	V	-	-
JULY 1, 1956	3 CENTS	3 CENTS	V	V	-	10 PERCENT	10 PERCENT	10 PERCENT 8/	V	8 CENTS A POUND	V	3 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT - \$1.50 PER 1,000 POUNDS ANNUAL TAX 2/
OCTOBER 1, 1959	4 CENTS	4 CENTS	V	V	-	V	V	V	V	V	V	V	V
JULY 1, 1961	V	V	V	V	-	V	V	V	V	10 CENTS A POUND	10 CENTS A POUND	6 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT - \$3.00 PER 1,000 POUNDS ANNUAL TAX 2/
JUNE 22, 1965	V	V	V	7 PERCENT 10/	-	10 PERCENT 8/	10 PERCENT 8/	V	V	V	V	V	V
JANUARY 1, 1966	V	V	6 CENTS 11/	6 PERCENT	-	V	V	V	8 PERCENT 11/	V	V	V	V
MARCH 15, 1966	V	V	V	7 PERCENT	-	V	V	V	V	V	V	V	V
AUGUST 16, 1971	V	V	V	REPEALED	-	V	V	V	V	V	V	V	V
NOVEMBER 10, 1978	4 CENTS 12/ 13/	4 CENTS 12/ 13/	6 CENTS 12/ 13/	-	-	REPEALED 13/	V	V	8 PERCENT 13/ 14/	10 CENTS A POUND 13/	10 CENTS A POUND 13/	5 CENTS 13/	V
JANUARY 1, 1981	V	V	V	-	-	-	V	V	V	9.75 CENTS A POUND 13/ 15/	V	V	V
JANUARY 7, 1983	V	V	REPEALED	-	-	-	10 PERCENT 8/ 15/	10 PERCENT 8/ 15/	REPEALED	V	V	V	V
APRIL 1, 1983	9 CENTS 13/ 12/	9 CENTS 13/ 17/	-	-	-	-	12 PERCENT 8/ 15/	12 PERCENT 8/ 15/	-	V	V	V	V

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS¹

TABLE FE-101
SHEET 2 OF 2

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 8/	TREAD RUBBER (CENTS PER POUND) 7/	FEDERAL USE
JANUARY 1, 1984	V V V V V V V V V V V	V V V V V V V V V V V	-	-	-	-	V V V V V V V V V V V	V V V V V V V V V V V	-	15 CENTS A POUND OVER 40 TO 70 POUNDS; \$4.50 PLUS 30 CENTS A POUND OVER 70 TO 90 POUNDS; \$10.50 PLUS 50 CENTS A POUND OVER 90 POUNDS 13/	REPEALED	REPEALED	V V V V V V V V V V V
JULY 1, 1984	V V V V V V V V V V V	V V V V V V V V V V V	-	-	-	-	V V V V V V V V V V V	V V V V V V V V V V V	-	V V V V V V V V V V V	-	-	ANNUAL TAX MOTOR VEHICLES: \$5,000 TO 75,000 POUNDS GROSS WEIGHT, \$100.00 PLUS \$22.00 PER 1,000 POUNDS OVER 55,000 POUNDS; OVER 75,000 POUNDS \$650.00 18/
AUGUST 1, 1984	V	15 CENTS 13/ 17/ 19/	-	-	-	-	V	V	-	V	-	-	V
EXISTING RATES JANUARY 1, 1991	9 CENTS 13/ 17/ 20/	15 CENTS 13/ 17/ 19/ 20/	-	-	-	-	12 PERCENT 8/ 16/	12 PERCENT 8/ 16/	-	15 CENTS A POUND OVER 40 TO 70 POUNDS; \$4.50 PLUS 30 CENTS A POUND OVER 70 TO 90 POUNDS; \$10.50 PLUS 50 CENTS A POUND OVER 90 POUNDS 13/	-	-	ANNUAL TAX MOTOR VEHICLES: \$5,000 TO 75,000 POUNDS GROSS WEIGHT, \$100.00 PLUS \$22.00 PER 1,000 POUNDS OVER 55,000 POUNDS; OVER 75,000 POUNDS, \$650.00 18/
(SCHEDULED CHANGE UNDER EXISTING LAWS)	TERMINATION OCT. 1, 1993	TERMINATION OCT. 1, 1993	-	-	-	-	TERMINATION OCT. 1, 1993	TERMINATION OCT. 1, 1993	-	TERMINATION OCT. 1, 1993	-	-	TERMINATION OCTOBER 1, 1993

Highway Finance

1/ ALL ITEMS ARE MANUFACTURERS' EXCISE TAXES EXCEPT SPECIAL FUEL, DIESEL FUEL, AND THE FEDERAL USE TAX. SPECIAL FUEL AND DIESEL FUEL TAXES ARE RETAILERS' EXCISE TAXES. EFFECTIVE APRIL 1, 1983 THE TRUCK AND TRAILER EXCISE TAXES ARE RETAILERS' EXCISE TAXES. THE FEDERAL USE TAX IS AN EXCISE TAX ON USERS. EFFECTIVE APRIL 1, 1980 THE DIESEL FUEL TAX IS A WHOLESALE EXCISE TAX.

2/ INCLUDES GASOLINE AND CLOSELY RELATED FUELS USED IN THE PROPULSION OF MOTOR VEHICLES, MOTORBOATS, OR AIRPLANES. THESE "CLOSELY RELATED FUELS" INCLUDE LIQUEFIED GASES BUT DO NOT INCLUDE DIESEL FUEL. COMPRESSED FUELS TAX APPLIES TO ALL BALLONAGE USED IN A MOTOR VEHICLE REGISTERED FOR HIGHWAY USE. SPECIAL FUELS USED IN A NONREGISTERED MOTOR VEHICLE, MOTORBOAT, OR AIRPLANE ARE TAXED AT 2 CENTS PER GALLON THROUGH MARCH 31, 1983. SPECIAL FUELS USED FOR FARMING ARE NOT TAXED, OR IF THE TAX HAS BEEN PAID, IT IS FULLY REFUNDABLE. BEGINNING JANUARY 1, 1986, THE ENTIRE TAX BECAME REFUNDABLE FOR GASOLINE USED FOR FARMING. FOR GASOLINE, 1-CENT OF THE 3-CENT, AND 2 CENTS OF THE 4-CENT TAX WERE REFUNDED FOR OTHER NONHIGHWAY USES. THROUGH DECEMBER 31, 1976, AND FOR GASOLINE AND SPECIAL FUELS USED BY CERTAIN LOCAL TRANSIT SYSTEMS THROUGH NOVEMBER 30, 1978. EFFECTIVE JANUARY 1, 1979, THROUGH MARCH 31, 1983, MOTOR FUEL WITH AT LEAST 10 PERCENT ALCOHOL (EXCLUDING ALCOHOLS MADE FROM PETROLEUM, NATURAL GAS, OR COAL), IS EXEMPT. THESE RATES DO NOT APPLY TO AVIATION USE FROM JULY 1, 1970, EXCEPT FOR NONCOMMERCIAL AVIATION USE OF GASOLINE FROM SEPTEMBER 30, 1980, THROUGH AUGUST 31, 1982. MOTOR FUEL USED BY STATE AND LOCAL GOVERNMENTS AND NONPROFIT EDUCATIONAL INSTITUTIONS IS NOT TAXED OR TAX IS REFUNDED IF IT HAS BEEN PAID.

3/ THE TAX APPLIES TO ALL DIESEL FUEL USED IN A HIGHWAY VEHICLE REGISTERED FOR HIGHWAY USE. DIESEL FUEL USED IN A NONREGISTERED HIGHWAY VEHICLE IS TAXED AT 2 CENTS PER GALLON THROUGH MARCH 31, 1983. TWO CENTS OF THE 4-CENT TAX IS REFUNDABLE FOR DIESEL FUEL USED BY CERTAIN LOCAL TRANSIT SYSTEMS THROUGH NOVEMBER 30, 1978. DIESEL FUEL USED FOR FARMING IS NOT TAXED, OR IF THE TAX HAS BEEN PAID, IT IS FULLY REFUNDABLE. EFFECTIVE JANUARY 1, 1979 THROUGH MARCH 31, 1983, MOTOR FUEL WITH AT LEAST 10 PERCENT ALCOHOL (EXCLUDING ALCOHOLS MADE FROM PETROLEUM, NATURAL GAS, OR COAL), IS EXEMPT. DIESEL FUEL USED BY STATE AND LOCAL GOVERNMENTS AND NONPROFIT EDUCATIONAL INSTITUTIONS IS NOT TAXED OR TAX IS REFUNDED IF IT HAS BEEN PAID.

4/ THE TAX ORIGINALLY APPLIED TO ALL LUBRICATING OIL, REGARDLESS OF USE.

5/ PERCENT OF MANUFACTURER'S SALES PRICE THROUGH MARCH 31, 1983; PERCENT OF RETAILER'S SALES PRICE THEREAFTER.

6/ PERCENT OF MANUFACTURER'S SALES PRICE TO FEBRUARY 26, 1926; RE-ENACTED EFFECTIVE JUNE 21, 1932, ON A CENTS-PER-POUND BASIS, BUT APPLICABLE TO ALL TIRES AND TUBES, NOT LIMITED TO THOSE FOR AUTOMOTIVE VEHICLES. TIRES AND TUBES FOR TOYS EXEMPTED EFFECTIVE NOVEMBER 1, 1961. THE ADDITIONAL 3 CENTS A POUND, EFFECTIVE JULY 1, 1966, AND 2 CENTS A POUND, EFFECTIVE JULY 1, 1961, APPLY TO TIRES FOR HIGHWAY VEHICLES ONLY. LAMINATED TIRES ARE TAXED AT 1 CENT PER POUND EFFECTIVE JULY 1, 1966. AVIATION TIRES AND TUBES ARE NOT INCLUDED IN THIS TABLE FROM JULY 1, 1970, THROUGH SEPTEMBER 30, 1980, AND AFTER AUGUST 31, 1982. TIRES OF 40 POUNDS OR LESS ARE EXEMPT EFFECTIVE JANUARY 1, 1984.

7/ APPLIES TO USE FOR TIRES "OF THE TYPE USED ON HIGHWAY VEHICLES."

8/ EXEMPTIONS FROM STATED TAXES ARE: HOUSE TRAILERS, NOVEMBER 1, 1951; SCHOOL BUSES, CAMPER BODIES, MOTOR HOMES, TRUCK AND TRAILER BODIES DESIGNED FOR SEED, FEED AND FERTILIZER, SMALLS THREE-WHEELED VEHICLES, JUNE 22, 1965; TRUCKS, BUSES AND TRAILERS 10,000 POUNDS OR LESS GROSS WEIGHT, SEPTEMBER 23, 1971; AND LOCAL TRANSIT BUSES IN URBAN USE AND TRASH CONTAINER BODIES FOR TRUCKS, DECEMBER 11, 1971.

9/ THE TAX APPLIES TO THE ENTIRE GROSS WEIGHT OF A VEHICLE OR COMBINATION IF ITS GROSS WEIGHT EXCEEDS 26,000 POUNDS. BUSES USED IN LOCAL TRANSIT SERVICE ARE EXEMPT.

10/ ALTHOUGH THE "BASIC" TAX ON AUTOMOBILES WAS 7 PERCENT OF THE MANUFACTURER'S WHOLESALE PRICE UNTIL JANUARY

1, 1986, THE 10 PERCENT RATE THAT BECAME EFFECTIVE ON A TEMPORARY BASIS NOVEMBER 1, 1951, REMAINED IN EFFECT THROUGH PERIODIC EXTENSIONS.

11/ CUTTING OIL AND AUTOMOBILE PARTS AND ACCESSORIES ARE EXEMPT FROM STATED TAXES. THE ENTIRE TAX ON OTHER LUBRICATING OIL BECAME REFUNDABLE FOR NONHIGHWAY USE.

12/ EFFECTIVE JANUARY 1, 1979 THROUGH MARCH 31, 1983, THE 2-CENT REFUND OR CREDIT FOR NONHIGHWAY GASOLINE USE IS PERMITTED 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 BUSINESS USE. EFFECTIVE JANUARY 1, 1979 THROUGH DECEMBER 31, 1982 THE TAX PAID ON MOTOR FUEL USED IN CERTAIN TAXICABS IS FULLY REFUNDABLE.

13/ TAXES PAID ON BUSES PURCHASED AFTER APRIL 19, 1977, ARE REFUNDED. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT AND SCHOOL BUSES ALONG WITH INTERCITY AND LOCAL BUSES USED TO TRANSPORT THE GENERAL PUBLIC FOR COMPENSATION ON SCHEDULED ROUTES (OR 20 OR MORE PASSENGER BUS ON NONSCHEDULED ROUTES) ARE EXEMPT FROM THE STATED TAXES FOR MOTOR FUEL, LUBRICATING OIL, TIRES, TUBES, AND TREAD RUBBER. EFFECTIVE AUGUST 1, 1984 THE EXEMPTION FOR DIESEL AND SPECIAL FUEL USED BY THESE BUSES CANNOT EXCEED 12 CENTS A GALLON UNLESS USED BY QUALIFIED LOCAL BUSES.

14/ ALTHOUGH THE "BASIC" TAX IS 5 PERCENT OF THE MANUFACTURER'S WHOLESALE PRICE, THE 8 PERCENT RATE THAT BECAME EFFECTIVE ON A TEMPORARY BASIS, NOVEMBER 1, 1951, HAS REMAINED IN EFFECT THROUGH PERIODIC EXTENSIONS.

15/ THE TAX ON NONHIGHWAY TIRES IS 4.875 CENTS A POUND EXCEPT LAMINATED TIRES ARE TAXED AT 1 CENT A POUND.

16/ TRUCKS 33,000 POUNDS OR LESS GROSS VEHICLE WEIGHT, TRAILERS 26,000 POUNDS OR LESS GROSS VEHICLE WEIGHT AND AIR/TRAILER TRAILERS ARE EXEMPT FROM STATED TAXES. EFFECTIVE JULY 16, 1984 PLOWBACK TRAILERS ARE TAXED AT 6 CENTS PER POUND.

17/ THE DIESEL FUEL TAX IS IMPOSED ON FUEL USED IN A DIESEL-POWERED HIGHWAY VEHICLE. THE SPECIAL FUEL TAX IS IMPOSED ON FUEL USED IN A MOTOR VEHICLE OR MOTORBOAT. OFF-HIGHWAY BUSINESS USE IS EXEMPT FROM STATED TAXES THROUGH SEPTEMBER 30, 1983. FUEL CONSISTING OF AT LEAST 85 PERCENT METHANOL AND ETHANOL OR OTHER ALCOHOL, EXCEPT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS, IS EXEMPT THROUGH DECEMBER 31, 1986 THEN TAXED AT 3 CENTS A GALLON. FUEL CONSISTING OF AT LEAST 85 PERCENT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS IS TAXED AT 9 CENTS A GALLON THROUGH JULY 31, 1984 THEN TAXED AT 4.5 CENTS A GALLON THROUGH SEPTEMBER 30, 1993. MOTOR FUEL WITH AT LEAST 10 PERCENT ALCOHOL, EXCEPT ALCOHOL MADE FROM PETROLEUM, NATURAL GAS, OR COAL, IS TAXED AT 4 CENTS A GALLON. EFFECTIVE JANUARY 1, 1985 THE 4-CENT RATE CHANGES TO 3 CENTS (3 CENTS FOR DIESEL-BASED FUEL) THROUGH SEPTEMBER 30, 1993. EFFECTIVE JANUARY 1, 1983 THROUGH SEPTEMBER 30, 1985, A 4-CENT REFUND CAN BE CLAIMED FOR CERTAIN TAXICABS.

18/ THE EFFECTIVE DATE FOR THE RATE CHANGE FOR SMALL OWNER-OPERATORS WITH 5 OR LESS TAXABLE TRUCKS, IS JULY 1, 1985. RATE IS REDUCED BY 25 PERCENT FOR LOGGING TRUCKS. TRUCKS USED LESS THAN 5,000 MILES (FARM TRUCKS 7,500 MILES) PER TAXABLE YEAR ON PUBLIC HIGHWAYS AND TRUCKS WITH GROSS WEIGHTS UNDER 55,000 POUNDS ARE EXEMPT. EFFECTIVE JULY 1, 1987 TRUCKS BASED FOR REGISTRATION PURPOSES IN CANADA OR MEXICO SHALL BE TAXED AT 75 PERCENT OF THE RATE BEFORE THEY CAN OPERATE IN THE UNITED STATES. PREVIOUSLY THESE VEHICLES WERE EXEMPT.

19/ AFTER JANUARY 1, 1985, AND BEFORE JANUARY 1, 1993 A ONE-TIME DIESEL DIFFERENTIAL PAYMENT IS MADE TO THE ORIGINAL PURCHASER OF A DIESEL AUTOMOBILE OF \$102.00, AND OF A DIESEL TRUCK OR VAN, 10,000 POUNDS GROSS WEIGHT OR LESS, OF \$198.00. THE OWNER OF ANY OF THESE VEHICLES AS OF DECEMBER 31, 1984 OR 1986, WILL BE PAID THE ABOVE DIFFERENTIAL. THE PAYMENT DECREASES BY ONE-SIXTH FOR EACH PRIOR MODEL YEAR VEHICLE AND IS NOT MADE FOR 1978 OR EARLIER MODEL YEAR VEHICLES.

20/ EXCLUDES 0.1 CENT PER GALLON TAX DEDICATED TO THE LEAKING UNDERGROUND STORAGE TANK TRUST FUND EFFECTIVE JANUARY 1, 1987.

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEARS 1957 - 1989

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SHEET 1 OF 3

		(MILLIONS OF DOLLARS)													
ITEM	TAX RATE 2/	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1956 THROUGH SEPTEMBER 30, 1959; 4 CENTS PER GALLON OCTOBER 1, 1959 THROUGH MARCH 31, 1983; 9 CENTS PER GALLON FOR GASOLINE THEREAFTER; AND FOR DIESEL FUEL THROUGH JULY 31, 1984 AND 15 CENTS THEREAFTER. 4 CENTS PER GALLON FOR GASOLINE APRIL 1, 1983 THROUGH DECEMBER 31, 1984; 3 CENTS (9 CENTS FOR DIESEL-BASED FUEL) THEREAFTER. 9 CENTS PER GALLON FOR FUEL WITH 85 PERCENT MINIMUM ALCOHOL MADE FROM NATURAL GAS APRIL 1, 1983 THROUGH JULY 31, 1984; 4.5 CENTS THEREAFTER. EXCLUDES AVIATION FUEL TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	1,326	1,608	1,657	2,044	2,361	2,374	2,462	2,843	2,736	2,846	3,124	3,096	3,181	
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND FOR HIGHWAY TIRES AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961 THROUGH DECEMBER 31, 1980; 9.75 CENTS PER POUND FOR HIGHWAY TIRES AND 4.875 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1981 THROUGH DECEMBER 31, 1983; 15 CENTS A POUND OVER 40 TO 70 POUNDS, \$4.50 PLUS 30 CENTS A POUND OVER 70 TO 90 POUNDS, \$10.50 PLUS 50 CENTS A POUND OVER 90 POUNDS THEREAFTER. FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL TIRE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION TIRE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	82	244	247	281	246	327	366	369	382	442	482	468	551	
INNER TUBES	9 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984. NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL INNER TUBE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION INNER TUBE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	-	17	15	19	15	17	19	22	24	30	33	19	28	
TREAD RUBBER	3 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	11	13	14	15	14	23	24	22	24	25	28	25	30	
TRUCKS, BUSES AND TRAILERS	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1956 THROUGH MARCH 31, 1983; 12 PERCENT OF RETAILER'S SALES PRICE THEREAFTER. BUSES ARE EXEMPT FROM TAX EFFECTIVE APRIL 20, 1977. DURING FISCAL YEAR 1957, ONE FIFTH OF THE TAX ACCRUED TO THE TRUST FUND, ONE HALF OF THE TAX ACCRUED TO THE TRUST FUND DURING THE PERIOD JULY 1, 1957 THROUGH JUNE 30, 1982; ALL THEREAFTER.	34	111	107	142	115	128	311	357	393	442	525	510	541	
FEDERAL USE	\$1.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 25,000 POUNDS WHEN LOADED. JULY 1, 1956 THROUGH JUNE 30, 1961; \$3.00 ANNUALLY, PER 1,000 POUNDS GROSS WEIGHT JULY 1, 1961 THROUGH JUNE 30, 1984 (1985 FOR OWNERS OF 5 OR LESS TRUCKS); \$100.00 PLUS \$22.00 ANNUALLY PER 1,000 POUNDS OVER 55,000 POUNDS TO 75,000 POUNDS GROSS WEIGHT, \$550.00 ANNUALLY OVER 75,000 POUNDS GROSS WEIGHT THEREAFTER.	26	33	34	38	47	80	97	106	99	102	112	98	128	
LUBRICATING OIL	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1966. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	-	-	-	-	-	-	-	-	-	23	68	82	83	
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS PARTS AND ACCESSORIES EFFECTIVE JANUARY 1, 1956. BUS PARTS AND ACCESSORIES ARE EXEMPT FROM TAX EFFECTIVE DECEMBER 1, 1978. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	-	-	-	-	-	-	-	-	-	7	69	81	94	
TOTAL FROM EXCISES		1,479	2,026	2,074	2,539	2,798	2,949	3,279	3,519	3,658	3,917	4,441	4,379	4,637	
INTEREST ON INVESTMENTS		3	18	13	-3	1	7	14	20	11	7	14	33	53	
GRAND TOTAL		1,482	2,044	2,087	2,536	2,799	2,956	3,293	3,539	3,669	3,924	4,455	4,412	4,690	

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND

FISCAL YEARS 1957 - 1989

TABLE FF-201
SHEET 2 OF 3

(MILLIONS OF DOLLARS)

ITEM	TAX RATE 2/	1970	1971	1972	1973	1974	1975	1976	TRANSITION QUARTER 3/	1977	1978	1979	1980	1981	1982
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1956 THROUGH SEPTEMBER 30, 1959; 4 CENTS PER GALLON OCTOBER 1, 1959 THROUGH MARCH 31, 1983; 9 CENTS PER GALLON FOR GASOLINE THEREAFTER, AND FOR DIESEL FUEL THROUGH JULY 31, 1984 AND 16 CENTS PER GALLON FOR DIESEL FUEL THROUGH AUGUST 31, 1984 AND 18 CENTS PER GALLON THROUGH DECEMBER 31, 1984; 3 CENTS PER GALLON FOR DIESEL-BASED FUEL THEREAFTER, 9 CENTS PER GALLON FOR FUEL WITH 85 PERCENT MINIMUM ALCOHOL MADE FROM NATURAL GAS APRIL 1, 1983 THROUGH JULY 31, 1984; 4.5 CENTS THEREAFTER. EXCLUDES AVIATION FUEL TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	3,693	9,994	3,893	4,159	4,301	4,340	4,219	1,226	4,707	4,722	4,834	4,421	4,450	4,714
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND FOR HIGHWAY TIRES AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961 THROUGH DECEMBER 31, 1980; 9 CENTS PER POUND FOR HIGHWAY TIRES AND 3 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1981 THROUGH DECEMBER 31, 1983; 15 CENTS PER POUND OVER 40 TO 70 POUNDS, \$4.50 PLUS 30 CENTS A POUND OVER 70 TO 30 POUNDS, \$10.50 PLUS 50 CENTS A POUND OVER 90 POUNDS THEREAFTER. FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL TIRE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION TIRE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	588	576	632	721	838	744	546	210	768	762	809	633	599	626
INNER TIRES	9 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984. NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL INNER TIRE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION INNER TIRE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	26	23	24	29	33	33	26	8	30	31	38	26	26	23
TREAD RUBBER	3 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	28	30	27	31	24	20	23	7	25	25	20	21	19	23
TRUCKS, BUSES AND TRAILERS	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1966 THROUGH MARCH 31, 1983; 12 PERCENT OF RETAILER'S SALES PRICE THEREAFTER. BUSES ARE EXEMPT FROM TAX EFFECTIVE APRIL 20, 1977. DURING FISCAL YEAR 1957, ONE FIFTH OF THE TAX ACCRUED TO THE TRUST FUND. ONE HALF OF THE TAX ACCRUED TO THE TRUST FUND DURING THE PERIOD JULY 1, 1957 THROUGH JUNE 30, 1982; ALL THEREAFTER.	700	693	436	380	614	632	219	50	708	851	944	912	664	725
FEDERAL USE	\$1.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 25,000 POUNDS WHEN REGISTERED IN ANY STATE, AND \$2.00 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT JULY 1, 1961 THROUGH JUNE 30, 1984 (1985 FOR OWNERS OF 5 OR LESS TRUCKS); \$100.00 PLUS \$22.00 ANNUALLY PER 1,000 POUNDS OVER 55,000 POUNDS TO 75,000 POUNDS GROSS WEIGHT, \$650.00 ANNUALLY OVER 75,000 POUNDS GROSS WEIGHT THEREAFTER.	137	148	150	161	225	222	209	110	240	246	235	277	237	333
LUBRICATING OIL	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1966. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	95	52	73	80	94	84	56	26	76	80	84	77	76	76
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS PARTS AND ACCESSORIES EFFECTIVE JANUARY 1, 1966; BUS PARTS AND ACCESSORIES ARE EXEMPT FROM TAX EFFECTIVE DECEMBER 1, 1978. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	87	85	87	104	131	143	116	39	165	180	226	253	234	224
TOTAL FROM EXCISES		5,354	5,541	5,322	5,695	6,260	6,188	5,413	1,875	6,709	6,905	7,189	6,620	6,305	6,744
INTEREST ON INVESTMENTS		115	184	206	247	415	566	587	13	593	662	857	1,027	1,129	1,078
GRAND TOTAL		5,469	5,725	5,528	5,912	6,675	6,774	6,000	1,889	7,302	7,567	8,046	7,647	7,434	7,822

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEARS 1957 - 1989

TABLE FE-201
SHEET 3 OF 3

(MILLIONS OF DOLLARS)

ITEM	TAX RATE 2/	HIGHWAYS/ MASS TRANSIT ACCOUNT 4/	1983	1984	1985	1986	1987	1988	1989
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1956 THROUGH SEPTEMBER 30, 1959; 4 CENTS PER GALLON OCTOBER 1, 1959 THROUGH MARCH 31, 1983; 5 CENTS PER GALLON FOR GASOLINE THEREAFTER, AND FOR DIESEL FUEL THROUGH JULY 31, 1984 AND 15 CENTS THEREAFTER. 4 CENTS PER GALLON FOR GASOLINE APRIL 1, 1983 THROUGH DECEMBER 31, 1984; 9 CENTS (9 CENTS FOR DIESEL-BASED FUEL) THEREAFTER. 9 CENTS PER GALLON FOR FUEL WITH 85 PERCENT MINIMUM ALCOHOL MADE FROM NATURAL GAS APRIL 1, 1983 THROUGH JULY 31, 1984; 4.5 CENTS THEREAFTER. EXCLUDES AVIATION FUEL TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	6,530 520 7,050	9,188 1,236 10,405	9,812 1,214 11,026	10,254 1,113 11,367	10,158 1,239 11,397	10,647 1,278 11,925	12,195 1,270 13,465
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND FOR HIGHWAY TIRES AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961 THROUGH DECEMBER 31, 1980; 9.75 CENTS PER POUND FOR HIGHWAY TIRES AND 4.875 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1981 THROUGH DECEMBER 31, 1983; 15 CENTS A POUND OVER 40 TO 70 POUNDS, \$4.50 PLUS 30 CENTS A POUND OVER 70 TO 90 POUNDS, \$10.50 PLUS 50 CENTS A POUND OVER 90 POUNDS THEREAFTER. FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL TIRE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION TIRE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	HIGHWAYS	577	320	224	320	292	334	316
INNER TUBES	9 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984. NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL INNER TUBE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION INNER TUBE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	HIGHWAYS	20	8	-1	-	-	-	-
TREAD RUBBER	9 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	HIGHWAYS	19	4	-1	-	-	-	-
TRUCKS, BUSES AND TRAILERS	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1956 THROUGH MARCH 31, 1983; 12 PERCENT OF RETAILER'S SALES PRICE THEREAFTER. BUSES ARE EXEMPT FROM TAX EFFECTIVE APRIL 20, 1977. DURING FISCAL YEAR 1957, ONE FIFTH OF THE TAX ACCRUED TO THE TRUST FUND, ONE HALF OF THE TAX ACCRUED TO THE TRUST FUND DURING THE PERIOD JULY 1, 1957 THROUGH JUNE 30, 1962; ALL THEREAFTER.	HIGHWAYS	338	864	1,395	1,144	724	1,277	1,240
FEDERAL USE	\$1.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 25,000 POUNDS WHEN LOADED. JULY 1, 1956 THROUGH JUNE 30, 1961; \$3.00 ANNUALLY, PER 1,000 POUNDS GROSS WEIGHT JULY 1, 1961 THROUGH JUNE 30, 1984 (1985 FOR OWNERS OF 5 OR LESS TRUCKS); \$100.00 PLUS \$22.00 ANNUALLY PER 1,000 POUNDS OVER 35,000 POUNDS TO 75,000 POUNDS GROSS WEIGHT, \$650.00 ANNUALLY OVER 75,000 POUNDS GROSS WEIGHT THEREAFTER.	HIGHWAYS	236	180	379	533	620	581	608
LUBRICATING OIL	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1966. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	HIGHWAYS	9	-10	-10	-1	-	-	-
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS PARTS AND ACCESSORIES EFFECTIVE JANUARY 1, 1966. BUS PARTS AND ACCESSORIES ARE EXEMPT FROM TAX EFFECTIVE DECEMBER 1, 1976. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	HIGHWAYS	48	-28	1	1	-1	5/-3	5/-1
TOTAL FROM EXCISES		HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	7,777 520 8,297	10,507 1,236 11,743	11,800 1,214 13,014	12,251 1,113 13,364	11,793 1,239 13,032	12,835 1,278 14,114	14,358 1,270 15,628
INTEREST ON INVESTMENTS		HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	1,078 2 1,078	1,026 89 1,115	1,108 206 1,312	1,054 283 1,337	934 344 1,278	809 384 1,193	778 469 1,245
GRAND TOTAL		HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	8,853 522 9,375	11,533 1,325 12,858	12,908 1,420 14,328	13,305 1,396 14,701	12,727 1,503 14,310	13,645 1,662 15,307	15,134 1,739 16,873

1/ ALL AMOUNTS ARE NET AFTER PAYMENT OF REFUNDS AND TRANSFERS.
2/ FOR DETAILS OF THE TERMS OF THE MOTOR-FUEL AND AUTOMOTIVE TAXES, SEE TABLE FE-101.
3/ THE TRANSITION QUARTER INCLUDES THE MONTHS OF JULY, AUGUST, AND SEPTEMBER 1976.

4/ ONE CENT PER GALLON OF MOTOR FUEL TAX IS TRANSFERRED TO MASS TRANSIT ACCOUNT IN THE TRUST FUND EFFECTIVE APRIL 1, 1983.
5/ INCLUDES REFUNDS FROM INNER TUBES, TREAD RUBBER, LUBRICATING OIL, AND PARTS AND ACCESSORIES.

EXPENDITURE OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION¹ DURING CALENDAR YEAR 1969

TABLE FG-3
MAY, 1969

COMPILED FOR THE CALENDAR YEAR FROM RECORDS OF OFFICE OF FISCAL SERVICES (THOUSANDS OF DOLLARS)

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	30,222	10,522	6,063	119,314	56,676	-	4,120	6,802	49,516	-	751	283,395	9,388	293,364
ALASKA	27,145	16,333	3,448	18,333	16,290	-	2,734	5,738	13,127	-	13,127	185,395	19	195,254
ARIZONA	92,369	55,050	2,785	55,050	81,956	-	3,137	3,787	3,137	-	6,654	179,158	196	180,524
ARKANSAS	23,987	8,283	2,785	18,135	10,170	-	1,836	3,538	20,131	-	1,728	108,335	1,728	110,063
CALIFORNIA	219,625	12,947	97,938	338,934	228,275	-	20,548	25,376	55,975	19,422	17,283	1,091,606	13,228	1,104,832
COLORADO	31,503	50,024	6,385	50,024	65,391	-	3,593	3,821	22,768	-	9,100	382,405	5	202,480
CONNECTICUT	39,275	214,656	9,531	214,656	40,375	-	3,672	2,858	55,768	19	3,672	382,405	5	389,107
DELAWARE	11,737	1,881	3,561	10,194	1,867	-	623	831	3,284	-	122	35,023	1,021	35,011
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	13,638	4,317	4,317	12,723	5,185	-	1,553	1,386	9,401	-	12,124	60,338	1,422	61,760
GEORGIA	56,231	2,498	36,116	200,358	116,627	-	6,036	1,386	29,362	-	2,341	485,143	428	485,572
ILLINOIS	39,771	13,134	9,254	102,787	91,671	-	6,036	7,885	29,362	-	9,963	361,034	6,571	367,605
INDIANA	11,239	2,208	4,578	6,200	7,616	-	1,943	6,649	6,649	-	9,963	86,146	1	86,147
IDaho	16,378	7,451	4,598	38,853	17,604	-	1,390	5,563	5,563	-	9,873	107,739	1	107,740
ILLINOIS	111,434	8,200	38,509	217,591	107,604	-	3,688	13,663	53,200	-	7,687	575,638	4,208	579,846
INDIANA	36,554	4,433	18,522	39,514	42,823	-	4,763	3,244	33,934	-	2,141	246,520	1,427	247,947
IOHA	34,487	13,474	7,138	53,778	26,003	-	3,073	4,763	3,073	-	7,779	184,409	88	184,497
KANSAS	28,027	5,558	5,022	33,890	40,253	-	2,114	10,110	33,043	304	3,064	161,494	9	161,503
KENTUCKY	29,668	6,022	7,162	40,253	40,253	-	3,617	3,645	24,763	80	5,687	158,685	20,138	178,823
LOUISIANA	14,232	5,718	9,340	14,232	14,232	-	4,585	7,705	24,470	296	7,779	255,691	39	255,730
MAINE	15,510	4,935	4,419	10,048	10,048	-	4,585	2,140	7,247	2,216	1,662	59,920	-	59,920
MARYLAND	33,702	2,382	11,708	307,853	62,635	-	4,828	1,136	17,643	-	20,092	461,878	4,332	466,211
MASSACHUSETTS	56,948	17,505	17,685	62,879	26,296	-	5,537	1,632	29,237	1,214	1,214	165,800	152	165,952
MICHIGAN	56,948	17,505	17,685	62,879	26,296	-	5,537	1,632	29,237	1,214	1,214	165,800	152	165,952
MINNESOTA	11,898	8,711	2,070	132,046	78,195	-	6,151	10,884	23,402	1,275	8,574	370,389	221	370,610
MISSISSIPPI	30,667	5,523	4,823	6,494	22,807	-	2,110	3,955	20,705	-	8,900	117,090	5,700	122,790
MISSOURI	36,862	15,149	6,190	52,168	22,122	-	5,611	7,176	61,315	-	6,739	217,939	2,108	220,047
MONTANA	24,172	4,443	5,007	32,439	23,148	-	1,596	2,091	6,267	-	4,164	87,306	5,006	92,312
NEBRASKA	20,783	6,256	4,426	6,943	16,788	-	1,264	2,145	16,766	-	1,221	112,021	5,006	117,027
NEVADA	16,206	1,769	2,032	3,444	12,798	-	1,264	1,365	10,899	54	4,658	73,195	3,090	76,285
NEW HAMPSHIRE	37,517	6,045	35,226	160,600	30,870	-	5,098	6,045	66,564	-	1,185	54,023	4,26	58,283
NEW JERSEY	31,730	18,513	4,348	14,795	43,216	-	2,031	6,692	6,513	-	6,016	4,510	15,159	39,048
NEW MEXICO	110,892	14,235	38,251	136,908	76,486	-	12,132	13,859	161,268	-	16,129	572,075	5,745	577,819
NORTH CAROLINA	6,065	6,423	7,395	43,048	41,984	-	2,592	2,784	29,788	24	2,784	267,440	1,386	268,826
NORTH DAKOTA	92,475	12,219	2,701	19,193	1,435	-	1,435	5,313	5,313	-	5,313	68,586	1,872	70,458
OHIO	23,374	12,058	3,306	55,229	90,250	-	9,638	11,386	58,094	-	389	428,588	2,413	429,001
OKLAHOMA	24,106	7,958	5,820	9,233	37,627	-	4,247	4,196	41,196	-	2,163	213,679	321	213,000
OREGON	155,055	12,387	31,067	28,343	112,000	-	2,524	3,402	19,699	376	17,394	137,635	4,528	142,063
PENNSYLVANIA	9,801	1,318	2,428	369,032	14,022	-	9,733	11,503	16,503	95	8,386	825,783	16,213	843,996
RHODE ISLAND	15,453	2,555	4,349	47,319	12,032	-	1,101	1,667	14,450	-	309	131,306	371	131,677
SOUTH CAROLINA	3,625	8,334	9,566	103,093	28,051	-	3,137	3,118	33,179	-	926	176,735	321	177,057
TENNESSEE	35,155	8,334	5,554	121,973	175,785	-	1,785	1,688	12,260	219	4,679	98,097	5,775	103,872
TEXAS	151,723	11,921	9,554	180,094	175,785	-	2,785	3,118	26,541	321	170,021	966,740	1,305	968,045
UTAH	23,966	5,630	9,806	103,093	28,051	-	1,158	1,188	4,316	-	5,489	187,127	90	187,185
VERMONT	3,021	6,907	1,710	11,988	14,442	-	1,158	1,188	6,189	-	2,326	45,820	30	46,120
VIRGINIA	28,365	6,907	11,542	153,413	72,737	-	5,992	4,970	20,106	-	13,519	327,525	6,880	334,404
WASHINGTON	28,365	12,194	11,542	180,094	42,629	-	5,991	5,323	32,056	-	12,240	364,978	2,227	367,205
WEST VIRGINIA	21,248	1,588	3,978	9,652	24,833	-	1,681	2,538	24,772	2,261	1,943	34,474	11,678	46,152
WISCONSIN	43,507	11,846	15,242	33,056	27,363	-	2,978	6,926	26,326	-	10,886	237,063	-	237,063
WYOMING	15,195	7,041	3,661	11,587	27,363	-	1,548	2,705	4,218	-	1	84,216	114	84,330
TOTAL	2,137,938	404,420	617,156	4,057,004	2,537,828	804,403	212,551	287,079	1,487,704	65,950	519,560	13,131,593	173,538	13,305,131
AMERICAN SAMOA	1,249	-	-	-	-	-	-	232	-	-	-	1,494	-	1,494
PUERTO RICO	8,339	-	-	-	-	-	14	552	-	-	-	1,179	289	1,468
VIRGIN ISLANDS	27,553	-	-	-	10,979	-	-	1,090	2,369	-	589	54,590	192	55,381
UNISTRIBUTED ^{4/} ADMIN. & RESEARCH	-	-	-	-	-	1,320	-	2,969	-	-311	209,855	2,968	1,392	5,061
GRAND TOTAL	2,168,287	406,181	623,972	4,057,004	2,548,807	805,723	214,341	306,944	1,490,944	67,669	730,196	13,420,068	207,340	13,627,408

^{1/} EXCLUDES FOREIGN PROGRAMS AND THE COSTS OF OTHER FEDERAL AGENCIES' PROJECTS SUPERVISED BY FHWA BUT INCLUDED UNDER FEDERAL AID TO STATES.
^{2/} INCLUDES FEDERAL LANDS HIGHWAYS, ECONOMIC GROWTH CENTER AND OTHER CATEGORICAL PROGRAMS ADMINISTERED BY FHWA.
^{3/} INCLUDES BEAUTIFICATION, INTERSTATE SUBSTITUTION, AND OTHER MISCELLANEOUS FUNDS.
^{4/} INCLUDES ADMINISTRATION COSTS FOR STATES INCLUDING THE OFFICE OF MOTOR CARRIERS.

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, UTAH, NHMRA, FAR, AND OTHERS.
 EXPENDITURES INVOLVING TWO OR MORE STATES THAT CANNOT BE SEGREGATED.

APPORTIONMENT OF FEDERAL-AID HIGHWAY FUNDS AND OTHER FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION

FOR FISCAL YEAR 1990 (FY 1991 INTERSTATE)

TABLE FA-4 SEPTEMBER 1990

(THOUSANDS OF DOLLARS)

STATE	FEDERAL-AID HIGHWAY SYSTEM FUNDS						OTHER FEDERAL-AID HIGHWAY FUNDS							TOTAL 4/
	CONSOLIDATED PRIMARY	RURAL SECONDARY	URBAN SYSTEM	FY 1991		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/	METRO-POLITAN PLANNING	
				INTERSTATE	INTERSTATE 2/									
ALABAMA	40,678	11,912	9,335	64,090	47,689	173,704	-	-	2,964	3,203	29,205	2,235	559	211,870
ALASKA	73,792	31,620	3,608	13,667	20,384	143,269	-	-	822	2,417	3,384	623	234	160,749
ARIZONA	30,742	9,812	9,316	13,667	55,193	116,530	-	40,579	2,143	1,557	3,384	1,615	606	158,414
ARKANSAS	26,572	10,676	4,403	13,667	26,824	84,142	-	33,255	1,988	2,418	16,318	1,497	234	140,432
CALIFORNIA	165,122	24,067	91,330	320,545	248,183	849,247	8,626	195,325	14,030	10,105	43,910	10,599	6,259	1,138,101
COLORADO	35,726	11,645	9,666	54,985	47,782	159,804	11	-	2,308	2,250	13,709	1,739	638	180,459
CONNECTICUT	24,943	3,861	10,349	106,062	32,048	177,284	79,567	-	1,826	1,026	60,090	1,380	733	321,886
DELAWARE	11,180	2,885	3,606	13,667	12,549	43,887	-	-	822	494	3,977	623	234	60,037
DIST. OF COL.	11,180	-	3,606	36,871	12,549	64,206	14,054	-	822	209	10,705	623	234	90,853
FLORIDA	75,095	14,958	34,407	88,401	90,358	303,219	-	15,690	6,178	4,636	22,396	4,664	2,351	359,134
GEORGIA	54,909	15,620	13,723	49,504	89,879	223,635	9,736	108,427	3,968	4,660	27,594	2,985	824	381,809
HAWAII	11,180	2,885	3,606	100,676	12,549	130,895	-	-	822	399	4,458	623	234	137,421
IDAHO	17,964	7,079	3,606	13,667	22,641	64,957	-	-	1,118	1,406	3,384	840	234	71,939
ILLINOIS	88,687	16,395	39,578	13,667	88,525	246,852	41,294	-	7,362	7,846	39,568	5,557	2,625	351,104
INDIANA	51,915	13,572	14,334	13,667	150,135	150,135	-	74,489	3,810	4,973	22,949	2,874	823	264,092
IOWA	33,956	12,144	6,560	13,667	35,808	102,135	18,431	-	2,680	3,763	24,627	2,018	295	163,949
KANSAS	31,915	11,428	6,132	13,667	35,585	99,728	-	3,607	2,604	4,807	25,850	1,959	271	138,826
KENTUCKY	39,031	11,961	7,335	23,667	43,219	125,213	-	-	2,630	2,551	27,051	1,984	390	159,819
LOUISIANA	38,350	9,666	11,696	41,325	68,666	169,703	-	-	2,797	3,151	31,172	2,111	697	209,631
MAINE	14,259	5,010	3,606	13,667	12,549	49,091	-	-	822	930	6,432	623	234	60,132
MARYLAND	33,558	5,720	14,199	125,034	42,315	220,816	38,628	-	2,492	1,470	17,447	1,883	994	283,730
MASSACHUSETTS	44,063	5,893	20,110	703,821	32,639	806,716	7,258	-	3,343	1,981	69,919	2,526	1,407	893,150
MICHIGAN	81,594	17,149	27,195	31,413	80,874	238,225	-	11,829	6,050	5,287	30,913	4,566	1,830	298,710
MINNESOTA	42,926	14,116	10,906	20,521	47,994	136,463	5	-	3,494	4,010	16,872	2,609	650	164,103
MISSISSIPPI	31,358	10,558	4,598	13,667	30,543	90,726	-	-	27,775	2,059	20,109	1,552	234	144,504
MISSOURI	51,009	15,383	13,489	13,667	13,667	164,488	-	40,306	3,802	3,933	54,731	2,866	829	270,963
MONTANA	25,991	10,708	3,606	13,667	40,628	94,600	-	-	1,147	1,600	7,044	862	234	106,487
NEBRASKA	24,430	9,045	3,970	13,667	21,063	72,175	-	-	1,773	2,637	16,335	1,333	234	94,487
NEVADA	18,593	6,974	3,606	13,667	22,507	65,347	-	-	880	782	3,384	662	234	71,288
NEW HAMPSHIRE	11,180	2,885	3,606	13,667	12,549	43,887	-	-	822	605	7,310	623	234	53,481
NEW JERSEY	82,807	5,280	27,702	130,825	31,827	248,441	32,276	-	4,187	2,650	59,712	3,172	1,992	352,440
NEW MEXICO	25,326	9,509	3,793	13,667	41,913	94,210	-	-	1,236	1,188	4,469	931	234	102,288
NEW YORK	133,100	17,395	62,415	15,087	88,268	316,265	181,670	-	10,305	5,952	136,353	7,786	4,366	661,697
NORTH CAROLINA	63,924	18,221	11,174	41,185	45,536	180,040	-	16,418	4,037	3,936	27,829	3,046	634	235,940
NORTH DAKOTA	17,004	6,892	3,606	13,667	13,667	43,098	-	-	1,230	2,761	4,981	923	234	71,227
OHIO	92,668	18,082	32,939	34,807	100,061	278,357	7,805	108,498	6,804	6,663	42,374	5,138	2,070	457,709
OKLAHOMA	33,588	11,383	8,025	13,667	34,686	101,349	-	50,516	2,727	3,247	31,364	2,054	401	191,658
OREGON	29,003	9,730	7,172	24,430	37,536	107,873	6,861	-	2,338	2,153	7,450	1,761	401	130,691
PENNSYLVANIA	106,478	21,871	33,845	119,051	64,634	345,880	1,520	-	7,390	5,741	119,537	5,580	2,289	488,317
RHODE ISLAND	11,180	2,885	3,606	13,667	12,549	43,887	-	-	822	441	3,384	623	250	110,697
SOUTH CAROLINA	32,550	9,178	6,825	13,667	42,161	104,181	-	40,280	2,287	2,581	11,397	1,724	377	182,827
SOUTH DAKOTA	18,246	7,489	3,606	13,667	24,783	67,791	-	-	1,117	1,828	8,893	839	234	78,302
TENNESSEE	46,849	13,505	11,274	13,667	63,976	149,271	22,750	-	30,650	3,268	36,361	2,456	660	249,224
TEXAS	130,761	35,371	45,594	88,019	190,431	492,166	-	272,104	10,523	10,707	53,207	7,936	2,889	849,531
UTAH	19,549	6,482	5,071	13,667	39,655	84,414	-	-	1,205	1,164	3,384	908	332	91,407
VERMONT	11,180	2,885	3,606	13,667	12,706	44,044	-	-	822	610	7,590	623	234	53,923
VIRGINIA	49,261	12,798	14,613	25,979	70,748	173,399	-	49,506	3,480	2,683	29,840	2,627	964	282,499
WASHINGTON	39,142	10,023	12,494	77,294	95,302	194,255	-	-	2,987	2,698	30,880	2,260	830	235,930
WEST VIRGINIA	23,417	7,312	3,606	13,667	18,872	66,874	-	-	1,374	1,710	38,945	1,036	234	110,173
WISCONSIN	47,105	13,248	12,144	13,667	33,988	120,153	-	61,005	3,536	3,890	24,049	2,703	740	216,076
WYOMING	17,048	6,966	3,606	13,667	32,223	75,510	-	-	822	902	3,384	623	234	79,475
U.S. TOTAL 5/	2,244,075	573,114	712,599	2,733,413	2,497,326	8,760,527	536,421	1,182,013	160,895	153,663	1,349,616	121,405	46,161	12,310,701
AMERICAN SAMOA	-	-	-	-	-	-	-	-	411	-	-	312	-	723
GUAM	-	-	-	-	-	-	-	-	411	-	-	312	-	723
N. MARIANAS	-	-	-	-	-	-	-	-	411	-	-	312	-	723
PUERTO RICO	26,641	3,504	7,794	-	11,294	49,233	-	-	1,770	734	3,911	1,338	544	67,530
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	411	-	-	312	-	723
GRAND TOTAL 5/	2,270,716	576,618	720,393	2,733,413	2,508,620	8,820,940	536,421	1,182,013	164,309	154,397	1,353,527	123,989	46,705	12,382,301

1/ APPORTIONED PURSUANT TO THE SURFACE TRANSPORTATION AND UNIFORM RELOCATION ASSISTANCE ACT OF 1987. DOES NOT INCLUDE FUNDS FROM THE MASS TRANSIT ACCOUNT OF THE HIGHWAY TRUST FUND.
 2/ RESURFACING, REHABILITATION, RESTORATION AND RECONSTRUCTION.
 3/ INCLUDES \$9.7 MILLION ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION AND \$114.3 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 4-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 \$11.2 MILLION APPORTIONED TO THE TERRITORIES CONSIDERED AS ONE STATE.

APPORTIONMENT FORMULAS - FEDERAL-AID HIGHWAY PROGRAM¹

FISCAL YEAR 1990

LEGISLATION AND STRATEGIC PLANNING DIVISION
OFFICE OF POLICY DEVELOPMENT

TABLE FA-4A
MAY 1990

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: A OR B X TOTAL PRIMARY AUTHORIZATION 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</p> <p>1/3</p> <p>1/2 1/2</p>	<p>104(b)(1)</p> <p>SEC. 108, P.L. 97-424 AS AMENDED 6/</p>	1/2 PERCENT (INCLUDING TERRITORIES AS A WHOLE)
SECONDARY SYSTEM	<p>AREA RURAL POPULATION RURAL DELIVERY ROUTE MILEAGE AND INTERCITY MAIL ROUTE MILEAGE</p>	<p>1/3 1/3 1/3</p>	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	<p>AREA RURAL POPULATION RURAL DELIVERY ROUTE MILEAGE AND INTERCITY MAIL ROUTE MILEAGE URBAN POPULATION NUMBER OF RAIL-HIGHWAY CROSSINGS</p>	<p>1/12 1/12 1/12</p> <p>1/4 1/2</p>	<p>SEC. 203(d), P.L. 93-87 AS AMENDED</p>	<p>-</p> <p>-</p> <p>1/2 PERCENT 1/2 PERCENT NO MINIMUM</p>

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 1989¹**

PROGRAM ANALYSIS DIVISION
OFFICE OF FISCAL SERVICES

(THOUSANDS OF DOLLARS)

TABLE FA-4B
SEPTEMBER 1990

STATE	FEDERAL-AID ACCOUNT															OTHER FUNDS ADJUSTMENTS	GRAND TOTAL
	CONSOLIDATED PRIMARY	RURAL SECONDARY	URBAN SYSTEM	INTERSTATE	INTERSTATE RESURFACING	INTERSTATE HIGHWAY SUBSTITUTE	EIGHTY-FIVE PERCENT MINIMUM REALLOCATION	HAZARD ELIMINATION	ELIMINATION OF HAZARDS AT RAIL-HIGHWAY CROSSINGS	BRIDGE REPLACEMENT	METROPOLITAN PLANNING	PLANNING AND RESEARCH	DEMONSTRATION PROJECTS	OTHER PROGRAMS	TOTAL		
ALABAMA	46,395	15,187	10,585	36,280	72,138	-	-	3,301	8,849	40,437	762	4,022	992	2,265	245,144	11,310	266,454
ALASKA	77,719	26,482	2,295	21,005	11,868	-	-	1,812	2,302	3,064	267	2,206	5,415	154,236	-1,901	152,335	
ARIZONA	11,775	4,672	9,520	13,771	75,261	216	102	1,430	1,280	5,193	614	1,855	3	7,860	133,492	12,634	146,126
ARKANSAS	20,073	13,715	3,380	17,870	23,035	-	24,357	2,932	385	18,520	227	1,531	13,760	2,500	142,346	2,274	144,620
CALIFORNIA	318,115	12,631	54,097	32,765	372,788	-	199,303	18,950	9,072	38,494	6,068	13,161	14,545	26,155	1,116,144	9,050	1,125,194
COLORADO	27,030	5,080	8,712	151,019	55,996	9,051	-	952	-674	11,257	550	2,988	1,246	8,650	291,767	-2,248	289,518
CONNECTICUT	42,350	5,133	10,545	10,908	52,725	86,873	-	2,256	1,306	85,320	766	2,656	80	-39	301,038	1,174	302,213
DELAWARE	19,382	483	3,714	21,277	3,113	-	-	274	374	3,771	284	1,477	1,246	400	49,794	500	50,374
DIST. OF COL.	24,316	-	2,361	14,820	12,252	19,103	-	1,255	-32	29,286	255	1,000	-	2,552	107,176	594	107,770
FLORIDA	63,314	1,072	25,524	252,107	109,395	-	31,899	6,667	1,883	72,368	2,354	5,049	19,205	1,307	592,141	801	592,741
GEORGIA	13,089	24,845	8,448	69,830	90,663	17,909	-	3,310	7,182	35,424	748	4,842	21,593	-	380,691	11,135	391,826
HAWAII	4,248	-577	1,227	195,157	10,011	-	-	3,609	-	-505	237	3,208	-	142	216,755	1,023	217,777
IDaho	18,053	7,844	3,847	73,319	14,071	-	-	729	1,980	2,778	234	1,143	3,243	21,889	149,131	741	149,873
ILLINOIS	85,360	9,687	21,131	17,784	144,194	117,919	19,518	7,462	6,958	43,943	2,630	2,445	8,848	10	478,909	7,217	486,126
INDIANA	46,097	11,039	13,559	12,382	48,676	3,895	25,337	3,935	4,581	38,883	1,196	3,051	15,077	184	226,032	6,095	234,187
IOWA	34,200	13,195	8,027	11,889	30,680	30,739	-	2,196	4,768	51,244	273	3,212	20,046	-	210,467	-5,822	204,645
KANSAS	38,184	8,943	9,310	13,382	20,877	-	-	2,464	4,546	34,376	242	2,375	160	-3	134,856	1,173	136,029
KENTUCKY	25,429	6,460	7,298	18,719	82,569	-	2,860	2,612	1,980	21,271	405	2,510	2,348	1,333	175,794	11,175	186,969
LOUISIANA	73,441	12,369	19,981	80,243	39,350	-	-	9,657	2,601	26,194	705	5,892	-	238	270,171	-691	269,480
MAINE	19,351	5,468	4,581	4,380	14,400	-	1,339	657	1,231	14,044	295	850	-	1,581	68,147	610	68,757
MARYLAND	54,837	1,363	12,697	106,417	38,396	25,843	-	1,902	1,024	22,909	995	3,479	5,231	1,934	277,025	22,214	299,240
MASSACHUSETTS	9,825	3,020	4,277	103,513	11,063	5,410	-	2,777	1,492	21,724	995	9,214	-	583	171,162	1,634	172,796
MICHIGAN	62,044	19,788	27,399	104,302	82,886	-	27,248	5,779	5,532	23,253	1,890	3,995	7,994	257	372,367	9,719	382,086
MINNESOTA	3,870	642	3,722	140,353	108,257	4,929	-	1,989	1,313	8,474	676	2,587	2,694	22,774	302,280	1,855	304,145
MISSISSIPPI	31,283	8,906	4,206	13,545	24,967	-	12,810	1,391	2,685	25,989	192	1,610	2,929	138	130,670	7,360	138,031
MISSOURI	98,214	12,878	7,021	20,741	42,620	-	44,417	4,871	3,382	62,437	1,119	4,701	4,363	4	276,767	234	277,001
MONTANA	34,564	10,357	2,054	7,978	34,570	-	-	1,228	1,935	7,802	1,78	1,608	1,245	5,328	108,910	5,327	114,236
NEBRASKA	19,183	3,913	4,559	13,650	21,202	1,475	-	1,240	1,558	21,883	495	1,411	2,598	2,635	95,779	3,891	89,770
NEVADA	20,991	2,769	1,563	21,030	13,221	-	-	996	1,114	5,570	299	1,042	4,272	7,054	79,922	7,505	87,427
NEW HAMPSHIRE	10,890	4,302	1,064	10,466	12,743	-	-	608	590	11,695	251	772	89	620	54,892	639	55,532
NEW JERSEY	47,231	9,132	25,969	75,718	27,239	-	-	1,906	1,795	44,128	2,623	3,798	42	6,648	304,502	-950	303,552
NEW MEXICO	31,663	15,805	1,089	4,566	41,720	-	-	283	917	5,728	237	1,493	3,643	7,295	114,459	6,536	120,996
NEW YORK	102,640	15,140	43,216	41,855	89,517	172,613	-	11,871	6,819	158,924	4,931	7,681	9,338	39,353	702,266	26,675	728,941
NORTH CAROLINA	63,189	13,070	13,106	120,756	53,389	-	43,512	2,843	3,413	3,219	608	3,219	2,800	5,004	362,939	6,570	369,509
NORTH DAKOTA	8,609	4,212	2,910	15,259	26,613	-	-	680	1,811	6,613	245	1,130	2,524	75,942	1,476	77,419	
OHIO	80,484	13,728	22,517	11,866	110,652	18,174	-	77,256	10,928	51,700	2,099	4,869	400	909	411,681	6,326	417,907
OKLAHOMA	20,811	13,486	4,090	3,658	43,369	-	54,709	3,240	3,240	49,514	310	1,135	1,245	-222	196,600	1,302	197,902
OREGON	30,931	6,150	4,593	13,438	32,571	20,426	-	3,838	2,104	13,975	408	1,790	84	10,838	141,978	5,395	147,364
PENNSYLVANIA	161,385	15,757	28,278	48,332	78,604	32,249	-	10,372	2,829	118,790	2,351	6,635	7,775	745	515,034	32,480	547,514
RHODE ISLAND	6,896	484	319	13,405	7,038	60,418	-	346	-	104	96	-134	-	14,746	103,637	531	104,168
SOUTH CAROLINA	13,649	2,545	3,871	3,331	70,814	-	-827	508	3,185	28,147	454	3,701	-	55	127,631	5,745	133,376
SOUTH DAKOTA	28,397	5,517	2,191	14,253	13,728	-	-	2,026	1,090	8,781	182	-71	2,694	387	79,274	641	79,816
TENNESSEE	23,286	13,710	11,143	8,404	99,955	19,380	-	1,742	8,315	47,559	760	2,914	800	10,567	295,104	5,844	300,949
TEXAS	130,820	39,087	-341	49,597	142,519	-	319,214	7,254	17,559	12,995	3,217	9,106	7,840	190,629	929,398	2,430	931,828
UTAH	24,575	6,953	8,846	24,251	26,151	-	-	1,478	387	5,454	360	1,381	200	7,802	107,649	680	108,230
VERMONT	5,550	4,930	3,866	10,645	12,640	-	-	1,640	969	5,310	237	780	4,245	60	53,180	609	53,789
VIRGINIA	32,082	10,750	12,124	58,089	103,556	-	-	36	2,851	11,655	977	4,837	328	6,842	234,057	6,754	240,811
WASHINGTON	40,604	17,987	9,727	323,682	45,280	-	-	3,731	3,281	26,247	841	4,045	1,245	75,643	566,295	13,635	589,930
WEST VIRGINIA	29,331	3,071	1,201	-6,802	20,443	-	-	123	-786	50,980	280	1,615	167	59	107,642	31,129	138,771
WISCONSIN	33,414	11,311	12,628	22,784	37,588	-	67,914	2,857	3,809	24,308	984	2,026	-	896	220,329	1,136	221,465
WYOMING	6,242	2,302	3,781	14,668	40,450	-	-	2,402	848	5,286	237	1,463	1,245	7,188	85,893	449	86,342
U. S. TOTAL	2,248,183	477,756	512,706	2,495,557	2,851,221	674,060	1,074,556	184,449	147,675	1,482,601	48,772	158,711	203,112	726,188	13,276,550	282,394	13,658,950
AMERICAN SAMOA	1,068	-	-	-	-	-	-	120	-	-	-	67	-	-	1,245	117	1,363
GUAM	4,055	-	-	-	-	-	-	691	-	-	-	73	-	-	4,819	494	4,625
PUERTO RICO	23,572	2,940	3,441	-	8,108	-	-	5,787	-	11,781	552	180	750	264	57,156	158	57,544
N. MARIANAS	505	-	-	-	-	-	-	751	-	-	-	15	-	-	1,271	9	1,282
VIRGIN ISLANDS	4,436	-	-	-	-	-	-	187	-	-	-	80	-	-	4,715	-1	4,714
CANADA	-	-	-	-	-	-	-	-	-	-	-	-	-	37,361	37,361	-	37,361
GRAND TOTAL	2,282,818	480,696	516,147	2,495,557	2,859,329	674,060	1,074,556	171,205	147,675	1,504,362	49,324	159,737	203,862	783,817	13,383,146	282,765	13,665,919

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 M78 PREPARED BY THE OFFICE OF FISCAL SERVICES. NEGATIVE NUMBERS INDICATE ADJUSTMENTS TO PROJECTS.

RECEIPTS AND EXPENDITURES FOR HIGHWAYS BY FEDERAL AGENCIES - SUMMARY - 1989¹

(MILLIONS OF DOLLARS)

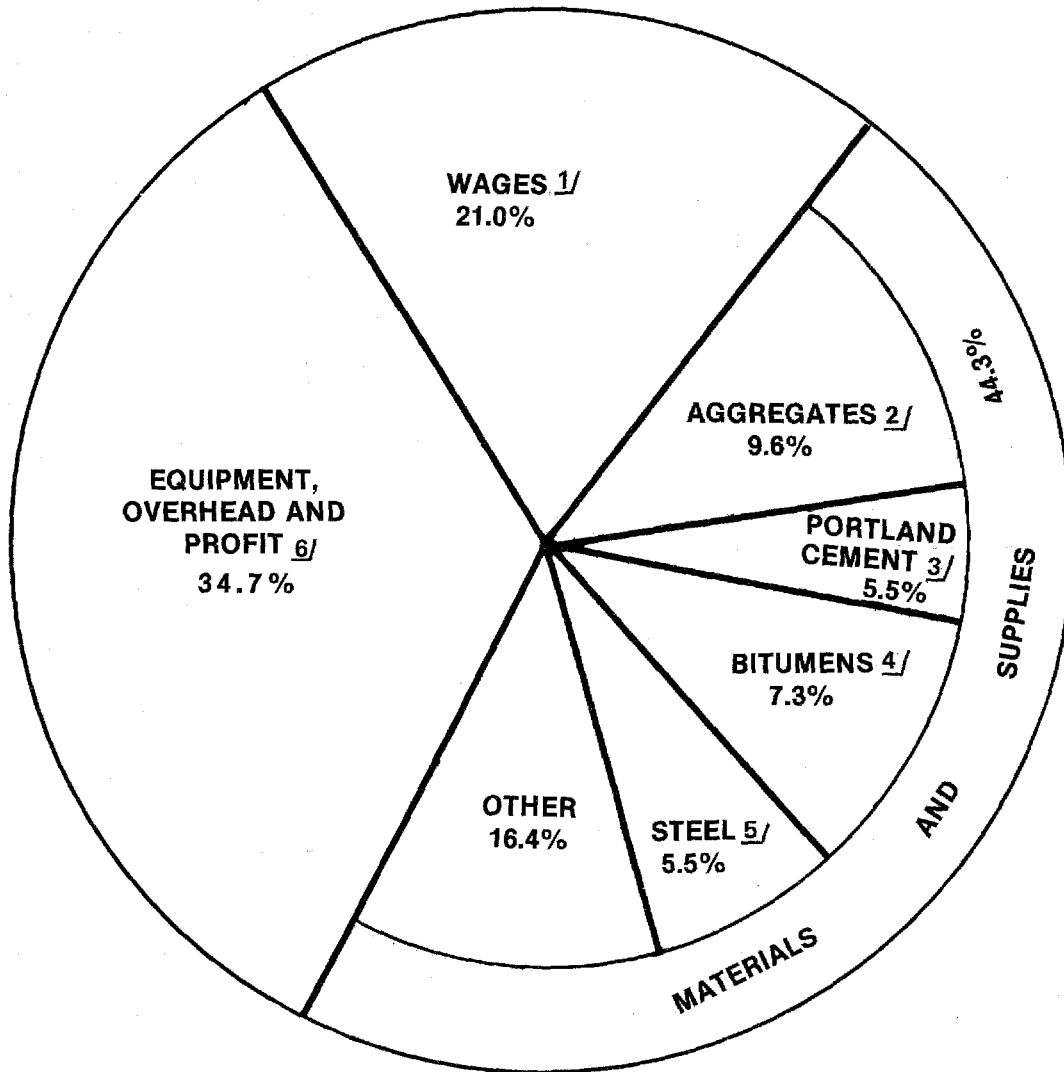
TABLE FA-5
OCTOBER 1990

AGENCY AND FUND	RECEIPTS					EXPENDITURES FOR HIGHWAYS										
	AUTO- MOTIVE EXCISES	GENERAL FUND APPRO- PRIATIONS	TIMBER SALES	OTHER	TOTAL	PAYMENTS TO STATES AND D.C.			PAYMENTS TO LOCAL GOVERN- MENTS	DIRECT EXPENDITURES					GRAND TOTAL EXPEN- DITURES	
						FEDERAL-AID AND OTHER REIMBURSE- MENTS	FOR RETURN TO LOCAL GOVERN- MENTS	TOTAL 2/		CAPITAL OUTLAY			MAIN- TENANCE	ADMINIS- TRATION AND RESEARCH		TOTAL DIRECT
										ENGI- NEER- ING	CON- STRUC- TION	TOTAL				
FEDERAL HIGHWAY ADMINISTRATION																
HIGHWAY TRUST FUND	14,120.1	-	-	3/ 897.9	3/ 15,018.0	-	-	-	-	-	-	-	-	-	-	-
INTERSTATE AND FAP, FAS, FAU FUNDS	-	-	-	-	-	9,530.1	274.2	9,804.3	49.9	-	-	-	-	-	209.2	209.2
BRIDGE REPLACEMENT FUNDS	-	-	-	-	-	1,490.1	-	1,490.1	2.4	-	-	-	-	-	0.9	0.9
OTHER FEDERAL-AID FUNDS 4/	-	-	-	-	-	5/ 1,672.7	-	1,672.7	6.2	1.8	8.4	10.2	-	-	16.0	26.2
FEDERAL LANDS HIGHWAYS	-	-	-	-	-	40.7	-	40.7	-	23.7	93.1	116.8	-	-	0.6	117.4
TOTAL	-	-	-	-	-	12,733.6	274.2	13,007.8	58.5	25.5	101.5	127.0	-	-	226.7	353.7
GENERAL FUND																
RAILROAD CROSSING DEMONSTRATION	-	9.7	-	-	9.7	9.7	-	9.7	-	-	-	-	-	-	-	9.7
OTHER FEDERAL FUNDS 6/	-	64.0	-	-	64.0	43.2	-	43.2	1.7	0.1	0.6	0.7	-	-	18.4	19.1
INTERSTATE SUBSTITUTION	-	16.7	-	-	16.7	16.7	-	16.7	-	-	-	-	-	-	-	16.7
TOTAL	-	90.4	-	-	90.4	69.6	-	69.6	1.7	0.1	0.6	0.7	-	-	18.4	19.1
FUNDS TRANSFERRED FROM OTHER AGENCIES:																
FOREST SERVICE	-	1.9	-	-	1.9	-	-	-	-	0.7	1.1	1.8	-	-	0.1	1.9
PARK SERVICE	-	25.6	-	-	25.6	-	-	-	-	10.7	14.0	24.7	-	-	0.9	25.6
APPALACHIAN DEVELOPMENT	-	64.7	-	-	64.7	63.4	-	63.4	-	-	-	-	-	-	1.3	64.7
DEPARTMENT OF DEFENSE 1/	-	18.5	-	-	18.5	14.0	-	14.0	-	0.8	3.4	4.2	-	-	0.3	4.5
BUREAU OF LAND MANAGEMENT	-	1.4	-	-	1.4	-	-	-	-	0.3	1.1	1.4	-	-	-	1.4
OTHER 8/	-	5.0	-	-	5.0	5.0	-	5.0	-	-	-	-	-	-	-	5.0
TOTAL TRANSFERRED FUNDS	-	117.1	-	-	117.1	82.4	-	82.4	-	12.5	19.6	32.1	-	-	2.6	34.7
TOTAL FUNDS ADMINISTERED BY FHWA	14,120.1	207.5	-	897.9	15,225.5	12,885.6	274.2	13,159.8	9/ 60.2	38.1	121.7	159.8	-	-	247.7	407.5
FOREST SERVICE 10/	-	-	439.5	-	439.5	1.0	180.5	181.5	3.0	-	191.0	191.0	64.0	-	-	255.0
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION 11/	-	94.4	-	-	94.4	109.7	2.8	112.6	2/ 0.7	-	-	-	-	-	88.8	88.8
NATIONAL PARK SERVICE	-	59.0	-	-	59.0	-	-	-	-	-	-	-	59.0	-	-	59.0
BUREAU OF INDIAN AFFAIRS	-	22.1	-	-	22.1	0.1	-	0.1	-	-	-	-	22.0	-	-	22.1
BUREAU OF RECLAMATION	-	122.7	-	-	122.7	58.7	-	58.7	-	-	64.0	64.0	-	-	-	64.0
U.S. CORPS OF ENGINEERS	-	-	-	19.9	19.9	3.5	-	3.5	0.4	-	16.0	16.0	-	-	-	16.0
BUREAU OF LAND MANAGEMENT	-	-	-	12/ 71.4	71.4	50.1	4.0	54.1	5.0	-	0.3	0.3	12.0	-	-	12.3
HOUSING AND URBAN DEVELOPMENT, CDBG	-	168.0	-	-	168.0	-	-	-	168.0	-	-	-	-	-	-	168.0
ALL OTHERS 13/	-	204.5	-	-	204.5	20.4	10.7	31.1	164.4	-	9.0	9.0	-	-	-	9.0
TOTAL, OTHER AGENCY FUNDS	-	670.7	439.5	91.3	1,201.5	243.5	198.1	441.6	341.5	-	280.3	280.3	157.0	-	88.8	526.1
GRAND TOTAL, ALL FUNDS	14,120.1	878.2	439.5	989.2	18,427.0	13,129.1	472.3	13,601.4	401.7	38.1	402.0	440.1	157.0	336.5	933.6	1,309.2

1/ FHWA AND NHTSA EXPENDITURES ARE FOR CALENDAR YEAR. ALL OTHER AGENCY EXPENDITURES ARE FOR FISCAL YEAR 1989.
 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 \$214.3 MILLION PAID TO STATES FOR RESEARCH AND PLANNING.
 6/ INCLUDES OFF-SYSTEM ROADS, ACCESS HIGHWAYS TO PUBLIC RECREATION AREAS, TERRITORIAL HIGHWAYS 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, PUERTO RICO, VIRGIN ISLANDS AND NORTHERN MARIANAS.
 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.
 13/ INCLUDES FEDERAL EMERGENCY MANAGEMENT AGENCY, UMTA, AND OTHER AGENCIES.

DISTRIBUTION OF COSTS ON FEDERAL AID HIGHWAY CONSTRUCTION CONTRACTS OVER \$1,000,000 EXCLUDING ALL SECONDARY PROJECTS REPORTED DURING CALENDAR YEAR 1989 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 2.1%, but excludes operator's and mechanics' wages.
Overhead includes contractors' on-site expenses such as mobilization, office rental, taxes, licenses, insurance, 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 1987, 1988, 1989**

FEDERAL-AID AND DESIGN DIVISION
OFFICE OF ENGINEERING, FHWA

TABLE PT-4
SEPTEMBER 1990

TYPE OF MATERIALS AND LABOR	UNIT	NUMBER OF UNITS PER MILLION DOLLARS OF CONSTRUCTION COST ^{2/}
CEMENT (EXCLUDES CEMENT IN CONCRETE PIPE)	TON	689
BITUMINOUS MATERIAL	TON	403
AGGREGATES ^{3/} PURCHASED (BY CONTRACTORS) PRODUCED (BY CONTRACTORS)	TON TON	15.053 4.837
STEEL STRUCTURAL (SHAPES, PLATES, H AND SHEET PILING) REINFORCING (PAVEMENT AND STRUCTURAL REINFORCEMENT) CULVERT PIPE (CORRUGATED METAL AND STRUCTURAL PLATE, PIPE ARCHES AND ARCHES) MISCELLANEOUS (JOINT DEVICES, TUBULAR PILING, ETC.)	TON TON TON TON	29 49 3 3
CONCRETE PIPE (PLAIN AND REINFORCED)	TON	92
CLAY PIPE AND TILE (INCLUDES SOME PVC PIPE)	TON	6
LUMBER (ALL LUMBER PRODUCTS EXCEPT TIMBER PILING)	BOARD FOOT	6.320
PETROLEUM PRODUCTS ^{4/}	GALLON	30.780
GUARDRAIL (ALL TYPES)	LINEAR FOOT	1.017
BRIDGE RAILING (ALL TYPES)	LINEAR FOOT	130
CORRUGATED ALUMINUM CULVERT	POUND	49
SIGNS (COMPLETE IN PLACE)	DOLLAR	9.545
LIGHTING (COMPLETE IN PLACE)	DOLLAR	10.378
LABOR	EMPLOYEE-HOUR	15.816

^{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.

DISPOSITION OF RECEIPTS FROM STATE IMPOSTS ON HIGHWAY USERS - 1989

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE OF
OCTOBER 1990

STATE	RECEIPTS AVAILABLE FOR DISTRIBUTION 1/	FOR COLLECTION AND ADMINISTRATION OF HIGHWAY-USER REVENUES	NET FUNDS DISTRIBUTED	FOR STATE-ADMINISTERED HIGHWAYS				FOR LOCAL ROADS AND STREETS 2/			FOR MASS TRANSPORTATION PURPOSES	FOR NONHIGHWAY PURPOSES 4/			
				CAPITAL OUTLAY, MAINTENANCE AND ADMINISTRATION	HIGHWAY LAW ENFORCEMENT AND SAFETY	SERVICE OF OBLIGATIONS FOR STATE HIGHWAYS	TOTAL	COUNTY AND TOWNSHIP ROADS 3/	MUNICIPAL STREETS	TOTAL		STATE GENERAL PURPOSES	LOCAL GENERAL PURPOSES 5/	OFFSET BY GENERAL FUNDS FOR HIGHWAYS (NONADDITIONAL) 6/	TOTAL
ALABAMA	445,285	17,904	427,381	132,464	34,890	93,504	260,858	145,643	20,880	166,523	-	-	-	-	-
ALASKA 7/	41,141	3,024	38,117	38,117	-	-	38,117	-	-	-	-	-	-	-	-
ARIZONA	571,922	25,919	546,003	115,373	15,880	86,563	217,816	124,075	204,112	328,187	-	-	-	(2,063)	-
ARKANSAS	333,623	5,295	328,328	209,381	8,823	-	218,204	62,158	47,966	110,124	-	-	-	(8,120)	-
CALIFORNIA 8/	4,510,677	274,782	4,235,895	491,741	559,907	-	1,051,648	324,595	326,564	651,159	332,012	296,088	1,904,987	-	2,201,075
COLORADO	421,840	36,872	384,968	184,781	37,830	-	222,611	90,987	10,462	101,449	9,227	191	3,014	-	3,145
CONNECTICUT	508,915	33,585	475,330	122,501	40,144	-	376,676	10,462	19,429	29,891	68,763	-	-	-	-
DELAWARE 7/	111,517	4,228	107,289	60,024	-	-	104,290	-	-	3,000	-	-	-	-	-
DIST. OF COL.	74,781	4,556	70,225	-	-	-	-	-	-	-	28,717	-	-	-	-
FLORIDA	1,178,705	185,816	992,889	467,599	137,524	18,500	623,623	172,757	65,372	238,129	81,020	50,118	-	(146,997)	50,118
GEORGIA	428,498	42,241	386,257	350,134	-	-	350,134	28,533	7,589	36,122	-	-	-	-	-
HAWAII	90,762	4,915	85,847	48,084	1,207	-	49,291	36,556	-	36,556	-	-	-	(4,461)	-
IDaho	163,730	3,386	160,344	75,602	18,223	-	93,825	47,955	15,245	63,200	5	1,670	1,644	-	3,314
ILLINOIS	1,432,818	124,623	1,308,235	653,787	84,112	145,652	893,551	255,873	184,884	414,744	-	-	-	-	-
INDIANA	753,387	57,623	695,764	303,604	36,403	-	340,007	184,884	170,973	355,857	-	-	-	-	-
IOWA	518,748	21,120	497,628	207,377	35,314	-	243,291	177,150	77,188	254,338	-	-	-	-	-
KANSAS	287,111	37,555	249,556	155,033	2,273	10,834	172,140	44,127	33,289	77,416	-	-	-	(2,425)	-
KENTUCKY	728,954	31,821	697,133	344,170	39,147	161,642	544,959	114,731	37,443	152,174	-	-	-	-	-
LOUISIANA	472,118	45,656	426,462	104,000	4,052	298,154	406,206	19,278	978	20,256	-	-	-	-	-
MAINE	183,456	15,387	168,069	108,567	15,826	18,828	143,321	18,662	6,088	24,750	-	-	-	-	-
MARYLAND	957,363	30,062	927,301	419,286	98,902	-	518,188	191,047	177,881	368,928	1,031	39,134	19	-	39,153
MASSACHUSETTS	621,838	98,382	523,456	35,729	83,346	168,046	348,121	23,740	85,839	109,579	125,746	-	-	(43,277)	-
MICHIGAN	1,167,673	74,065	1,093,608	261,183	15,117	132,841	409,141	378,244	202,046	580,290	104,177	-	-	(3,500)	-
MINNESOTA	748,068	10,387	737,681	394,777	53,239	9,729	457,745	213,984	63,442	277,426	2,512	-	-	(2,388)	-
MISSISSIPPI	387,131	29,205	357,926	206,917	30,391	25,374	262,682	88,682	6,530	95,212	32	-	-	-	-
MISSOURI	569,970	41,307	528,663	334,506	76,766	-	411,262	44,561	11,091	111,402	-	-	-	-	-
MONTANA	142,192	3,236	138,956	90,709	12,311	10,041	113,081	11,091	11,320	22,411	146	3,337	-	-	3,337
NEBRASKA	242,846	11,824	231,022	134,520	8,358	728	143,606	42,495	43,920	86,415	1,000	-	-	(8,065)	-
NEVADA	268,128	18,664	249,464	120,225	22,389	18,834	161,448	22,163	15,401	37,564	384	-	50,068	-	50,068
NEW HAMPSHIRE	151,501	8,150	143,351	77,713	29,656	10,453	117,822	550	6,191	6,741	22	18,766	-	-	18,766
NEW JERSEY 7/	748,118	70,831	677,287	363,256	157,364	127,661	648,281	15,152	13,853	29,005	-	-	-	-	-
NEW MEXICO	296,550	11,873	284,678	210,222	16,070	4,802	231,094	30,884	6,529	37,413	353	3,435	12,333	(21,652)	15,788
NEW YORK 7/	1,108,298	163,721	944,577	380,378	36,587	143,717	560,682	216,316	167,579	383,895	-	-	-	-	-
NORTH CAROLINA	960,353	50,648	909,705	596,775	110,181	38,766	745,702	14,865	14,865	52,716	7,675	88,656	-	-	88,656
NORTH DAKOTA	112,603	3,424	109,179	40,286	7,939	-	48,205	37,851	37,851	75,702	214	8,044	-	-	8,044
OHIO	1,393,792	65,372	1,328,420	480,159	101,614	89,982	671,755	194,117	194,117	631,198	25,466	-	-	-	-
OKLAHOMA	591,427	27,036	564,391	205,205	37,636	6,000	248,841	135,683	12,553	148,236	-	165,273	2,041	(55,378)	157,314
OREGON	436,211	51,435	384,776	173,811	20,786	10,879	205,476	111,319	67,981	179,300	-	-	-	-	-
PENNSYLVANIA	1,601,789	45,977	1,555,812	848,745	211,166	268,596	1,328,507	147,792	79,274	227,066	238	-	-	-	-
RHODE ISLAND 7/	106,356	12,810	93,546	48,694	9,742	20,711	78,147	90	1,428	1,516	12,880	-	-	-	-
SOUTH CAROLINA	427,922	23,504	404,418	325,557	51,941	-	377,498	24,237	-	24,237	426	-	2,257	(606)	2,257
SOUTH DAKOTA	112,405	5,352	107,053	68,267	15,641	-	83,898	14,221	8,933	23,154	-	-	-	(8,785)	-
TENNESSEE	731,082	35,474	695,608	389,130	21,438	10,875	420,443	197,450	87,856	285,306	9,860	-	-	(17,541)	-
TEXAS	3,354,391	131,771	3,222,620	1,469,032	109,265	-	1,578,297	79,874	650	80,524	-	1,563,800	-	-	1,563,800
UTAH	203,564	14,503	189,061	115,876	22,702	-	138,578	25,885	24,598	50,483	-	-	-	-	-
VERMONT 9/	-	-	-	-	-	-	-	-	-	-	-	-	-	(16,300)	-
VIRGINIA	1,041,377	72,321	969,056	764,368	34,981	4,234	803,553	25,503	140,000	185,503	-	-	-	(14,354)	232,987
WASHINGTON 8/	1,068,116	60,601	1,007,515	265,508	83,300	66,837	415,645	140,425	59,551	199,976	158,908	190,133	42,854	-	-
WEST VIRGINIA	299,476	8,435	291,041	163,297	1,252	126,492	291,041	-	-	-	47,728	10,153	-	-	10,153
WISCONSIN	709,072	49,383	659,709	299,854	39,478	44,329	383,661	108,525	109,649	218,168	-	-	-	-	-
WYOMING	75,496	4,489	70,997	35,957	11,585	-	47,552	12,823	10,622	23,445	-	-	-	-	-
TOTAL 9/	33,887,047	2,150,350	31,736,697	13,566,251	2,603,348	2,431,901	18,601,500	4,636,094	3,022,609	7,658,703	1,018,542	2,438,738	2,019,217	(404,136)	4,457,955

Highway Statistics, 1989

NOTE: TABLES MF-3 AND MV-3 MAY NOT ADD TO TABLE OF DUE TO ROUNDING.
 1/ THIS TABLE SUMMARIZES THE RECEIPTS FROM MOTOR-FUEL TAXES AND FROM MOTOR-VEHICLE FEES AND SPECIAL IMPOSTS ON MOTOR CARRIERS, WHICH ARE RECORDED SEPARATELY IN TABLES MF-3 AND MV-3 RESPECTIVELY. AMOUNTS IN THIS COLUMN EXCLUDE ADJUSTMENTS FOR UNDISTRIBUTED BALANCES, FUNDS IN TRANSIT, ETC.
 2/ 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. ENTRIES INCLUDE AMOUNTS USED FOR SERVICE OF OBLIGATIONS FOR LOCAL ROADS.
 3/ FORMER COUNTY ROADS ARE UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WY.
 4/ THE AMOUNTS SHOWN DO NOT NECESSARILY CONSTITUTE DIVERSION FROM HIGHWAY USE REQUIRING A PENALTY UNDER THE TERMS OF THE HAYDEN-CARTWRIGHT ACT OF 1934. SUCH DIVERSIONS CAN BE

DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1934.
 5/ ALLOCATIONS FOR LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS, BUT SUCH AMOUNTS WERE NOT REPORTED.
 6/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES WERE OFFSET, IN THE AMOUNTS SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS OUT OF STATE GENERAL FUNDS, AND THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE AND LOCAL HIGHWAY PURPOSES.
 7/ IN AK, DE, NJ, NY, AND RI, 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."
 8/ THE NONHIGHWAY 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.
 9/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE MOTOR-FUEL TAXES AND RELATED RECEIPTS - 1989¹

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

(THOUSANDS OF DOLLARS)

TABLE MF-1
SEPTEMBER 1990

STATE	TAX RATE ON DECEMBER 31 IN CENTS PER GALLON 2/		RECEIPTS FROM TAXATION OF MOTOR FUEL							OTHER RELATED RECEIPTS					ADJUSTED NET TOTAL RECEIPTS
	GASOLINE	SPECIAL FUELS (DIESEL, BUTANE, ETC.) 3/	GROSS TAX COLLECTIONS 4/	DEDUCTIONS BY DISTRIBUTORS FOR EXPENSES	GROSS RECEIPTS BY STATE	REFUNDS PAID	NET RECEIPTS BY STATE	DEDICATED REVENUE FROM NONHIGHWAY GASOLINE 5/	ADJUSTED NET GALLONAGE RECEIPTS	DISTRIBUTORS AND DEALERS LICENSEES	INSPECTION FEES 6/	FINES AND PENALTIES	MISCEL- LANEOUS RECEIPTS	TOTAL	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ALABAMA	13	14 & 12	300,265	2,701	297,564	1,053	296,511	669	295,842	573	62,953	0	8,116	71,642	367,484
ALASKA	6	8 & 0	20,581	-	20,581	804	19,777	-	19,777	0	0	48	0	46	19,825
ARIZONA	17	17	352,238	-	352,238	2,133	350,105	4,128	345,977	0	0	682	3,558	4,240	350,217
ARKANSAS	13.5	12.5 & 11.5	216,979	2,159	214,820	-	214,820	-	214,820	0	0	0	0	-	214,820
CALIFORNIA	9	9 & 6	1,937,611	-	1,937,611	6,894	1,330,717	35,451	1,295,266	0	0	0	4,281	4,281	1,299,547
COLORADO	20	20.6	312,879	1,377	311,502	3,674	307,828	-	307,828	0	0	0	56	56	307,884
CONNECTICUT	20	20	314,437	-	314,437	1,626	312,812	-	312,812	145	0	0	4,203	4,348	317,160
DELAWARE	16	16	65,563	-	65,563	213	65,350	-	65,350	7	15	0	0	22	65,372
DIST. OF COL.	18	18	29,258	-	29,258	-	29,258	-	29,258	0	0	0	35	35	29,293
FLORIDA	9-7	9.7 & 4	680,271	1,590	678,681	9,363	669,318	3,800	665,518	92	7,639	56,721	0	64,452	729,970
GEORGIA	7.5	7.5	329,633	3,530	326,103	62	326,041	84	325,957	1	0	402	3,268	3,671	329,628
HAWAII	11	11 & 7	43,293	-	43,293	150	43,143	-	43,143	0	0	46	0	46	43,189
IDaho	18	18	106,324	1,705	104,619	1,680	102,939	1,851	101,088	0	0	362	0	362	101,450
ILLINOIS	16	18.5 & 16	832,933	-	832,933	18,018	814,915	4,368	810,547	0	0	0	0	-	810,547
INDIANA	15	16	571,270	6,331	564,939	1,935	563,004	-	562,844	0	0	0	219	219	563,163
IOWA	20	22.5 & 20	338,491	-	338,491	15,163	323,328	2,516	320,812	3	0	81	1,484	1,568	322,380
KANSAS	15	17 & 14	200,670	-	200,670	7,021	193,649	2,425	191,224	16	124	0	4	144	191,368
KENTUCKY 2/	15	12 & 15	362,014	-	362,014	1,734	360,280	-	360,280	0	0	0	810	810	361,090
LOUISIANA	16	16	378,845	610	378,235	18,056	360,179	-	360,179	1	874	118	0	992	361,171
MAINE	17	20	128,141	-	128,141	1,274	126,867	3,374	123,493	0	0	160	0	160	123,653
MARYLAND	18.5	18.5	452,778	-	452,778	3,246	449,532	2,605	446,927	0	0	561	1,180	1,741	448,668
MASSACHUSETTS	11	11 & 4.5	305,637	-	305,637	577	305,060	410	304,650	0	0	0	9,136	9,136	313,786
MICHIGAN	15	15	696,399	11,364	685,035	4,768	680,267	12,590	667,677	24	0	0	17,367	17,391	685,068
MINNESOTA	20	20	456,377	-	456,377	2,031	454,346	8,755	445,611	11	822	0	149	982	446,593
MISSISSIPPI	18	18 & 17	268,963	-	268,963	236	268,727	1,761	266,966	0	0	306	15,544	15,850	282,816
MISSOURI	11	11	360,307	-	360,307	4,252	356,055	-	356,055	0	954	0	922	1,876	357,931
MONTANA	20	20 & 0	109,831	1,010	108,821	3,827	104,994	1,294	103,700	0	0	270	0	270	103,970
NEBRASKA	22	22	189,300	1,096	187,804	6,597	182,207	173	182,034	0	0	0	15	15	182,049
NEVADA	18	20 & 11.72	146,231	2,894	143,337	1,061	142,276	1,969	140,307	0	372	0	0	372	140,679
NEW HAMPSHIRE	14	14	80,699	-	80,699	691	80,008	820	79,188	0	0	503	7,109	7,612	86,800
NEW JERSEY	10.5	13.5 & 5.25	426,602	-	426,602	531	426,071	-	426,071	56	0	214	0	270	426,341
NEW MEXICO	16	16	145,500	-	145,500	315	145,185	480	144,705	0	0	348	6,606	6,954	151,659
NEW YORK	8	10 & 8	540,407	-	540,407	8,167	532,240	-	532,240	0	0	0	15	15	532,255
NORTH CAROLINA	20.9	20.9	692,536	-	692,536	12,831	679,705	-	679,705	0	10,099	509	1,797	12,405	692,110
NORTH DAKOTA	17	17	74,269	1,477	72,792	4,003	68,789	177	68,612	3	0	65	3,717	3,980	72,592
OHIO	18	18	953,293	-	953,293	9,596	943,697	4,375	939,322	0	0	0	0	-	939,322
OKLAHOMA	16	13 & 16	320,975	4,110	316,865	260	316,605	36	316,569	0	0	585	0	585	317,144
OREGON	16	16	221,087	-	221,087	1,223	219,864	3,699	216,166	0	0	88	145	233	216,399
PENNSYLVANIA	12	12	1,015,270	5,174	1,010,096	2,377	1,008,719	221	1,008,498	0	0	480	6,271	6,751	1,015,248
RHODE ISLAND	20	20	73,538	-	73,538	92	73,446	-	73,446	0	0	0	-	-	73,446
SOUTH CAROLINA	16	16	336,858	1,988	334,870	851	334,019	1,027	332,992	4,554	0	0	0	4,554	337,546
SOUTH DAKOTA	18	18 & 16	85,643	1,897	83,746	4,801	78,945	875	78,070	0	0	6	613	619	79,664
TENNESSEE	21	18 & 14	574,014	6,189	567,825	11,980	555,845	-	555,845	0	36,218	0	0	36,218	592,063
TEXAS	15	15	1,548,841	26,374	1,522,467	6,863	1,515,784	7,780	1,508,004	0	0	0	0	-	1,508,004
UTAH	19	19	165,434	2,738	162,696	655	162,041	1,696	160,345	0	0	0	900	900	161,245
VERMONT	15	16 & 0	49,896	-	49,896	-	49,896	0	49,896	0	0	0	0	-	49,896
VIRGINIA 2/	17.7	16.2 & 7	604,749	991	603,758	3,101	600,657	-	600,657	0	0	0	0	-	600,657
WASHINGTON	18	18 & 0	465,258	-	465,258	2,751	462,507	8,548	453,959	0	0	0	33	33	453,992
WEST VIRGINIA	15.5	15.5	137,117	-	137,117	372	136,745	-	136,745	0	0	0	0	-	136,745
WISCONSIN	20.8	20.8	524,823	-	524,823	9,406	515,417	-	515,417	0	0	0	0	-	515,417
WYOMING	9	9 & 0	37,864	-	37,864	684	37,000	269	36,611	19	0	0	2,348	2,367	39,178
TOTAL	8/ 14.19	8/ 14.76	18,983,892	87,305	18,896,587	198,027	18,698,560	117,965	18,580,595	5,504	120,265	62,555	99,901	288,225	18,869,820
PERCENTAGE	-	-	100.00	0.46	99.54	1.04	98.50	0.62	97.88	-	-	-	-	-	-

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 MOST STATES, HOWEVER, THE TAX ON SPECIAL FUELS (FUELS OTHER THAN GASOLINE AND GASOLINE) IS APPLICABLE ONLY TO THE GALLONAGE USED ON THE HIGHWAYS. FOR THE FEW 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/ FOR TAX RATES AS OF JANUARY 1, 1989, AND RATE CHANGES DURING THE YEAR SEE TABLE MF-121T. STATES WITH VARIABLE TAX RATES ARE ALSO IDENTIFIED IN TABLE MF-121T.
3/ WHERE TWO TAX RATES ARE SHOWN FOR A STATE, THE FIRST APPLIES TO DIESEL FUEL AND THE SECOND TO LIQUEFIED PETROLEUM GASES. SOME STATES IMPOSE ADDITIONAL REGISTRATION FEES OR MILEAGE TAXES ON VEHICLES USING SPECIAL FUELS. SUCH ADDITIONAL FEES ARE IN LIEU OF GALLONAGE TAXES FOR VEHICLES REGULATED BY THE PUBLIC UTILITIES COMMISSIONER IN OREGON.
4/ 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.

5/ 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.

6/ THESE ARE FEES FOR INSPECTION OF MOTOR-VEHICLE FUEL. INsofar AS POSSIBLE, FEES FOR INSPECTION OF FUELS NOT USED ON HIGHWAYS HAVE BEEN ELIMINATED.

7/ A 2 PERCENT SURTAX IS IMPOSED ON GASOLINE AND 4.7 PERCENT ON SPECIAL FUELS PURCHASED FOR ANY VEHICLE WITH 3 OR MORE AXLES IN KENTUCKY. MOTOR FUEL USED BY MOTOR CARRIERS IN VIRGINIA IS TAXED AT 19.5 CENTS PER GALLON.

8/ THIS IS THE WEIGHTED AVERAGE TAX RATE. THE WEIGHTED AVERAGE TAX RATE FOR GASOLINE WAS 15.69 CENTS PER GALLON.

DISPOSITION OF STATE MOTOR-FUEL TAX RECEIPTS - 1989

TABLE HF-3
OCTOBER 1990

STATE	FOR STATE-ADMINISTERED HIGHWAYS										FOR LOCAL ROADS AND STREETS 5/			FOR NONHIGHWAY PURPOSES 6/			TOTAL
	RECEIVABLE DISTRIBUTION 1/	COLLECTOR MOTOR FUEL TAXES AND FEES 2/	NET FUNDS DISTRIBUTED 3/	CAPITAL MAINTENANCE AND ADMINISTRATION	HIGHWAY LAW ENFORCEMENT SAFETY	SERVICE OF OBLIGATIONS FOR STATE HIGHWAYS	TOTAL	COUNTY AND TOWNSHIP-ROADS	MUNICIPAL STREETS	TOTAL	FOR MASS TRANSPORTATION PURPOSES	STATE GENERAL PURPOSES	LOCAL GENERAL PURPOSES 6/	OFFSET BY GENERAL FUNDS FOR HIGHWAYS (INDUSTRY)			
ALABAMA	285,058	5,322	289,736	84,518	-	66,718	161,236	114,465	14,035	129,500	-	-	-	-			
ALASKA 9/	19,778	45	19,733	19,733	-	-	19,733	79,097	121,154	200,251	-	-	-	-			
ARIZONA	347,334	3,966	343,368	80,549	2,135	60,434	143,118	44,720	31,859	78,379	-	-	15,447	-			
ARKANSAS	2,148	2,148	212,672	136,273	-	-	136,283	-	-	-	-	-	-	-			
CALIFORNIA	1,186,310	6,147	1,192,457	321,462	178	-	321,337	313,840	311,927	625,567	223,259	-	-	-			
COLORADO	307,874	2,682	310,556	80,630	27,828	140,875	182,458	72,872	42,513	118,185	7,722	-	-	-			
CONNECTICUT	58,576	-	58,576	312,864	26,423	26,863	63,654	6,886	1,821	18,788	45,260	-	-	-			
DELAWARE 9/	68,372	281	68,653	38,791	-	-	63,654	-	-	-	-	-	-	-			
DIST. OF COL.	29,221	-	29,221	265,118	54,880	18,500	335,508	172,357	17,272	11,849	36,028	-	-	38,028			
FLORIDA	667,393	7,373	660,020	324,650	-	-	324,650	29,384	65,346	48,354	-	-	-	-			
GEORGIA	325,950	3,039	322,911	31,907	-	-	322,911	29,384	9,346	3,743	-	-	-	-			
HAWAII	42,867	-	42,867	31,039	725	-	32,226	7,402	-	1,402	-	-	-	-			
ILLINOIS	100,488	1,185	99,323	48,505	10,657	66,830	59,182	30,504	9,654	48,158	3	-	-	(38,158)			
INDIANA	810,597	16,382	794,235	324,594	45,832	66,830	437,266	202,490	154,488	366,978	-	-	-	-			
INDIANA	562,946	8,985	553,961	236,859	27,235	40,034	264,094	151,886	137,981	289,867	-	-	-	-			
INDIANA	301,348	1,041	300,307	126,889	21,862	-	147,891	107,055	46,581	153,516	-	-	-	-			
KANSAS	193,577	1,694	195,271	108,346	434	7,381	116,181	44,127	33,289	77,416	-	-	-	(2,425)			
KANSAS	368,279	1,694	369,973	155,217	17,483	72,899	245,539	81,344	31,641	112,985	-	-	-	-			
LOUISIANA	364,789	3,648	368,437	151,141	17,483	291,341	341,463	19,266	19,266	19,878	-	-	-	-			
LOUISIANA	123,493	630	124,123	79,322	11,642	11,764	104,771	13,642	4,451	18,093	-	-	-	-			
MARYLAND	445,328	5,889	441,059	239,532	46,934	77,730	286,466	67,146	61,195	128,311	589	-	-	(41,146)			
MASSACHUSETTS	304,650	10,722	293,928	293,928	2,782	77,730	301,710	17,000	57,729	74,729	58,164	-	-	(1,146)			
MICHIGAN	595,958	8,862	604,820	169,332	3,782	83,329	249,978	237,267	126,740	364,007	65,343	-	-	(884)			
MINNESOTA	289,089	1,673	287,416	435,085	30,889	5,544	285,077	131,147	38,661	170,008	-	-	-	-			
MISSISSIPPI	289,089	550	288,539	167,622	21,539	25,374	189,001	68,507	5,569	74,076	-	-	-	-			
MISSOURI	356,987	1,453	355,534	215,622	49,477	7,523	265,099	36,174	54,261	90,435	-	-	-	-			
MONTANA	103,004	675	102,329	67,959	7,523	-	75,482	33,146	3,251	78,733	-	-	-	(260)			
NEBRASKA	182,035	87	181,948	106,487	6,588	480	113,585	35,146	3,251	60,337	1,000	-	-	-			
NEBRASKA	140,307	1,272	139,035	78,489	9,278	12,452	101,217	22,163	15,401	37,564	28	-	-	-			
NEBRASKA	79,188	508	78,680	49,026	78,489	74,329	128,515	34,7	3,905	4,822	-	-	-	-			
NEBRASKA	426,071	3,835	422,236	247,868	87,529	70,844	406,140	8,409	7,688	16,097	-	-	-	-			
NEBRASKA	144,704	868	143,836	111,763	2,582	2,582	123,950	7,340	4,108	11,448	190	-	-	(4,919)			
NEBRASKA	537,374	17,142	520,232	205,343	18,781	87,885	321,989	116,776	80,468	207,242	5,835	-	-	-			
NEBRASKA	64,889	6,432	61,457	24,170	6,851	2,472	31,651	25,667	51,448	51,448	67,400	-	-	67,400			
NEBRASKA	887,426	4,181	883,245	458,641	95,570	43,038	537,449	131,859	129,788	261,447	24,330	-	-	-			
NEBRASKA	316,570	5,501	311,069	162,709	25,432	6,000	194,141	102,486	4,897	107,383	9,544	-	-	(5,337)			
OREGON	216,161	537	215,624	102,844	8,187	8,187	111,031	63,371	36,711	97,792	-	-	-	-			
PENNSYLVANIA	1,008,498	8,862	999,636	524,768	10,284	165,357	684,822	101,167	178,542	178,542	-	-	-	-			
RHODE ISLAND 9/	73,448	-	73,448	39,109	13,156	-	52,265	6,671	1,059	1,116	-	-	-	-			
SOUTH CAROLINA	332,983	1,683	331,300	268,753	42,777	-	311,530	20,008	4,482	20,008	-	-	-	-			
SOUTH CAROLINA	78,371	948	77,423	59,376	13,567	-	72,943	4,482	4,482	4,482	-	-	-	(1,962)			
TENNESSEE	555,846	6,208	549,638	273,945	10,654	10,875	295,474	179,350	67,859	247,208	6,959	-	-	(9,323)			
TENNESSEE	1,497,017	15,459	1,481,558	936,536	68,584	-	1,005,120	7,429	414	7,843	-	-	-	-			
UTAH	161,392	1,637	159,755	102,255	12,891	-	115,146	22,842	21,706	44,548	-	-	-	-			
VERMONT 10/	601,461	1,566	599,895	483,729	7,788	6,670	491,507	16,135	88,574	104,709	-	-	-	-			
VIRGINIA	453,959	2,568	451,391	151,043	-	66,690	117,633	137,629	59,559	196,188	-	-	-	-			
WASHINGTON	136,376	1,268	135,108	76,133	59,974	59,974	135,108	86,980	87,885	174,875	38,257	-	-	-			
WEST VIRGINIA	511,710	49	511,710	240,951	31,711	17,686	282,662	11,782	5,761	17,523	-	-	-	-			
WISCONSIN	36,388	517	36,905	18,157	3,711	-	18,868	11,782	5,761	17,523	-	-	-	-			
TOTAL 10/	18,364,589	178,113	18,206,476	8,843,536	1,129,251	1,659,893	11,641,680	3,149,784	2,201,144	5,350,928	565,285	6,633	-	(109,863)	629,252		

1/ SEE TABLE HF-1 FOR DETAILS OF RECEIPTS. AMOUNTS IN THIS COLUMN ARE COMPARABLE WITH ADJUSTED NET BALANCE RECEIPTS ON TABLE HF-1. COLUMN (9) INCLUDES ADJUSTMENTS FOR UNDISTRIBUTED BALANCES, FUNDS IN TRANSIT, ETC.

2/ WHERE NO ENTRY APPEARS, FUNDS FOR ADMINISTERING THE MOTOR-FUEL TAX LAWS WERE ALLOCATED FROM GENERAL REVENUES. AMOUNT FOR KANSAS NOT REPORTED.

3/ MOTOR-FUEL TAXES ARE EITHER DEDICATED FOR SPECIFIC PURPOSES OR PLACED WITH OTHER HIGHWAY-USER REVENUES IN A COMMON FUND FROM WHICH A PORTION OF THE AMOUNTS IS DISTRIBUTED FROM THE COMMON FUND.

4/ WHERE NO ENTRY APPEARS, FUNDS FOR ADMINISTERING THE MOTOR-FUEL TAX LAWS WERE ALLOCATED FROM GENERAL REVENUES. AMOUNT FOR KANSAS NOT REPORTED.

5/ IN AR, DE, NJ, NY, AND RI, 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".

6/ ALLOCATIONS FOR LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS, BUT SUCH AMOUNTS WERE NOT REPORTED.

7/ GROSS NONHIGHWAY ALLOCATIONS OF MOTOR-FUEL REVENUES WERE OFFSET, IN THE AMOUNT SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS OUT OF THE STATE GENERAL PURPOSES, AND THE AMOUNTS SO OFFSET ARE INCLUDED WITH THE AMOUNTS SHOWN. WHERE NECESSARY, CONSTITUTE DIVERSIONS FROM HIGHWAY USE REQUIRING A PENALTY UNDER THE TERMS OF THE HIGHWAY-CARTRIGHT ACT OF 1934. SUCH DIVERSIONS CAN BE DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1934.

8/ IN AR, DE, NJ, NY, AND RI, 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".

9/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

10/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE TAX RATES ON MOTOR FUEL - 1989¹

TABLE MF-121T
SHEET 1 OF 2
SEPTEMBER 1990

(CENTS PER GALLON)

STATE	GASOLINE		DIESEL		L.P.G.		GASOHOL		
	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	EXEMPTION
ALABAMA	2/ 13		2/ 14		3/ 12		2/ 4/ 13	1-1	0
ALASKA	8		8		0		0		8
ARIZONA	17		17		17		17		0
ARKANSAS	13.5		12.5		11.5		13.5		0
CALIFORNIA	9		9		6		5/ 9		0
COLORADO	18		20.5		20.5		18		0
CONNECTICUT 6/	20	8-1	20.5		20.5		20	8-1	0
DELAWARE	16		16		16		19		1
DIST. OF COL.	15.5		15.5		15.5		16		0
FLORIDA	18	7-1	18	7-1	18	7-1	15.5	7-1	0
	2/ 9.7		9.7		4		18		0
							2/ 9.7		0
GEORGIA	7.5		7.5		7.5		7.5		0
HAWAII	8/ 11		11		7		7		0
IDAHO	18		18		18		9/ 14		4
ILLINOIS	13		15.5		13		13		0
INDIANA	16	8-1	18.5	8-1	16	8-1	16	8-1	0
	15		10/ 16		16		15		0
IOWA	20	1-1	22.5	1-1	20	1-1	19	1-1	1
KANSAS 11/	11		13		10		11		0
KENTUCKY 11/ 12/	15	7-1	17	7-1	14	7-1	15	7-1	0
LOUISIANA	16		16		15		15		0
MAINE	16		19		16		13/ 16		0
	17	4-1	20	4-1	19	4-1	14	4-1	2
					20		15		2
MARYLAND	18.5		18.5		18.5		18.5		0
MASSACHUSETTS 11/	11		11		4.5		11		0
MICHIGAN	15		14/ 15		15		15		0
MINNESOTA 11/	20		20		20		18		2
MISSISSIPPI	18	1-1	18	1-1	17	1-1	18	1-1	0
MISSOURI	11		11		11		13/ 11		0
MONTANA	20		20		0		20		0
NEBRASKA 11/	18.2	1-1	18.2	1-1	18.2	1-1	15.2	1-1	3
	18.5	4-1	18.5	4-1	18.5	4-1	15.5	4-1	3
	22.3	7-1	22.3	7-1	22.3	7-1	19.3	7-1	3
	22.0	10-1	22.0	10-1	22.0	10-1	19.0	10-1	3
NEVADA	18		20		11.72		18		0
NEW HAMPSHIRE	14		15/ 14		14		14		0
NEW JERSEY	10.5		13.5		5.25		4/ 4.5		6
NEW MEXICO	14		16		16		4/ 6		8
	16	7-1	16		16		8	7-1	8
NEW YORK 6/	8		10		8		8		0
NORTH CAROLINA 11/	15.7		15.7		15.7		15.7		0
NORTH DAKOTA	20.9	8-1	20.9	8-1	20.9	8-1	20.9	8-1	0
	17		16/ 17		17		13		4
	17		16/ 17		17		17		0
OHIO 11/	14.8		14.8		14.8		13/ 14.8		0
OKLAHOMA	18	7-15	18	7-15	18	7-15	13/ 18	7-15	0
OREGON	17/ 16		13		16		17/ 16		0
PENNSYLVANIA 6/	16	1-1	18/ 16	1-1	18/ 16	1-1	16	1-1	0
RHODE ISLAND 11/	12		10/ 12		12		12		0
	15		15		15		15		0
	20	7-1	20	7-1	20	7-1	20	7-1	0
SOUTH CAROLINA	16	1-1	16	1-1	16	1-1	10	1-1	6
SOUTH DAKOTA	18		18		16		16		2
TENNESSEE	19/ 17		15		13		19/ 13		4
	19/ 20	4-1	16	4-1	14	4-1	19/ 16	4-1	4
TEXAS	19/ 21	7-1	16	7-1	14	7-1	19/ 17	7-1	4
	15		15		15		20/ 11		4
UTAH	15		15		3/ 15		20/ 15		0
	19		19		19		19		0
VERMONT	13		14		0		13		0
	14	4-1	15	4-1	0		14	4-1	0
	15	7-1	16	7-1	0		15	7-1	0
VIRGINIA 12/	17.5		16		16		13/ 17.5		0
WASHINGTON	17.7	7-1	16.2	7-1	16.2	7-1	13/ 17.7	7-1	0
WEST VIRGINIA	18		18		0		4/ 16.2		1.8
WISCONSIN 11/	10.5		10.5		10.5		10.5		0
	15.5	4-1	15.5	4-1	15.5	4-1	15.5	4-1	0
	20.9		20.9		20.9		20.9		0
WYOMING	20.8	4-1	20.8	4-1	20.8	4-1	20.8	4-1	0
	8		8		0		8		0
	9	7-1	9	7-1	0		5	7-1	4

STATE TAX RATES ON MOTOR FUEL - 1989¹TABLE MF-121T
SHEET 2 OF 2
SEPTEMBER 1990

STATE	SALES TAX	
	PERCENT	REMARKS
ALABAMA	4	APPLIES TO NONHIGHWAY USE OF DIESEL FUEL.
CALIFORNIA	4.75	APPLIES TO SALES PRICE INCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES. LOCAL GOVERNMENTS ASSESS AN ADDITIONAL 1.25% EXCEPT IN BAY AREA WHERE THE RATE IS 1.75%.
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, BUT GASOHOL IS EXEMPTED.
ILLINOIS	5	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES. MOST LOCAL GOVERNMENTS ASSESS AN ADDITIONAL 1% TAX. GASOHOL IS TAXED AT 2% FROM JUNE 1, 1986, THROUGH DECEMBER 31, 1992, AND AT 5% THEREAFTER.
INDIANA	5	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES.
KANSAS	4	STATE SALES TAX AND 1.5% MAXIMUM OF CITY AND COUNTY SALES TAXES ARE PAID ON AVIATION FUEL WHICH IS NOT SUBJECT TO REFUND.
MICHIGAN	4	APPLIES TO SALES PRICE INCLUDING FEDERAL MOTOR-FUEL TAX EXCEPT FOR THOSE WHO HAVE A SALES TAX EXEMPTION CERTIFICATE.
NEW YORK	4	APPLIES TO SALES PRICE INCLUDING FEDERAL MOTOR-FUEL TAX. LOCAL GOVERNMENTS ASSESS ADDITIONAL TAX VARYING FROM 1% TO 4%.
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.
WEST VIRGINIA	5	APPLIES TO THE AVERAGE WHOLESALE PRICE AS DETERMINED ANNUALLY BY THE TAX COMMISSIONER, HOWEVER, THE WHOLESALE PRICE CANNOT BE SET AT LESS THAN 97 CENTS PER GALLON.

- 1/ RATES IN EFFECT AS OF DECEMBER 31, 1989.
- 2/ INCLUDES 2 CENTS PER GALLON INSPECTION FEE.
- 3/ OWNERS OF VEHICLES REGISTERED IN THE STATE PAY AN ANNUAL DECAL FEE IN LIEU OF A GALLONAGE TAX.
- 4/ EXEMPTION FROM STATE MOTOR-FUEL TAX PROVIDED ALCOHOL WAS MADE IN THE STATE FROM AGRICULTURAL COMMODITIES PRODUCED WITHIN THE STATE. IN NEW JERSEY, THE ALCOHOL MUST BE GRAIN-DERIVED ETHYL ALCOHOL PRODUCED WITHIN THE STATE.
- 5/ EXCISE TAX ON ALCOHOL FUELS (ETHANOL OR METHANOL) CONTAINING NOT MORE THAN 15% GASOLINE OR DIESEL FUEL IS ONE-HALF THE RATE OF THE USE FUEL TAX FROM JANUARY 1, 1982 UNTIL JANUARY 1, 1994.
- 6/ A "GROSS RECEIPTS TAX" IS ASSESSED IN CONNECTICUT (2%), NEW YORK (2.75%), AND PENNSYLVANIA (6%).
- 7/ RATE CONSISTS OF A FIXED RATE OF 4 CENTS PER GALLON PLUS A 5 PERCENT SALES TAX APPLIED TO THE AVERAGE RETAIL PRICE OF MOTOR FUEL ESTABLISHED ANNUALLY BUT THE TAX CANNOT GO BELOW 5.7 CENTS PER GALLON.
- 8/ COUNTY TAX OF 4 TO 6.5 CENTS PER GALLON IS ALSO ADDED.
- 9/ COUNTY TAX OF 3.5 CENTS PER GALLON IS ALSO ADDED BUT EXEMPTED FROM SALES TAX.
- 10/ THERE IS AN ADDITIONAL 11 CENTS PER GALLON TAX ON DIESEL FUEL FOR MOTOR CARRIERS IN INDIANA AND AN ADDITIONAL 6 CENTS PER GALLON TAX ON DIESEL FUEL FOR MOTOR CARRIERS IN PENNSYLVANIA.
- 11/ "VARIABLE TAX." RATES ARE DETERMINED AT VARIOUS TIMES OF THE YEAR.
- 12/ A 2% SURTAX IS IMPOSED ON GASOLINE AND 4.7% ON SPECIAL FUELS FOR ANY VEHICLE WITH 3 OR MORE AXLES IN KENTUCKY. AN ADDITIONAL 2 CENTS PER GALLON SURTAX ON VEHICLES WITH A COMBINED LICENSED WEIGHT IN EXCESS OF 59,999 POUNDS IS IMPOSED. MOTOR FUEL USED BY MOTOR CARRIERS IS TAXED AT 19.5 CENTS PER GALLON IN VIRGINIA.
- 13/ LOUISIANA HAS A PRODUCER'S INCENTIVE CREDIT OF \$1.40 PER GALLON OF ETHANOL. MISSOURI HAS A PRODUCER'S INCENTIVE CREDIT OF 20 CENTS PER GALLON OF ETHANOL. IN OHIO, THE DEALER IS REFUNDED 20 CENTS PER GALLON OF EACH QUALIFIED FUEL (ETHANOL AND METHANOL) THAT IS BLENDED WITH UNLEADED GASOLINE. VIRGINIA HAS A PRODUCER'S INCENTIVE CREDIT OF 60 CENTS PER GALLON OF ETHANOL. NOT TO EXCEED \$6.5 MILLION IN ANY FISCAL YEAR.
- 14/ 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.
- 15/ A \$20.00 DECAL IS REQUIRED FOR ALL DIESEL VEHICLES.
- 16/ DIESEL FUEL BLENDED WITH RECOVERED OIL OR AGRICULTURALLY DERIVED ALCOHOL IS TAXED AT 13 CENTS PER GALLON.
- 17/ INCLUDES INSPECTION FEE OF 0.08 CENT PER GALLON.
- 18/ 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.
- 19/ INCLUDES 1 CENT PER GALLON INSPECTION FEE.
- 20/ EXEMPTION FOR ETHANOL PRODUCED IN STATE IS A VARIABLE RATE WITH A MAXIMUM OF 4 CENTS PER GALLON. THE VARIABLE RATE IS SET QUARTERLY TO LIMIT THE TOTAL YEARLY EXEMPTION TO \$10,850,000.

STATE MOTOR-VEHICLE AND MOTOR-CARRIER TAX RECEIPTS - 1989¹

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

(THOUSANDS OF DOLLARS)

TABLE MV-2
SEPTEMBER 1990

STATE	REGISTRATION FEES 2/						OTHER FEES											TOTAL RECEIPTS
	MOTOR VEHICLES			OTHER VEHICLES			DRIVERS LICENSES	CERTIFICATE OF TITLE	SPECIAL TITLING TAXES 4/	FINES AND PENALTIES	ESTIMATED SERVICE CHARGES, LOCAL COLLECTIONS 5/	CARRIER GROSS RECEIPTS TAXES 6/	MILEAGE-TON-MILE AND PASSENGER-MILE TAX	SPECIAL LICENSE FEES AND FRANCHISE TAXES 7/		CERTIFICATE OR PERMIT FEES 2/	MISCELLANEOUS RECEIPTS LESS UNCLASSIFIED REFUNDS	
	AUTOMOBILES (INCLUDING TAXICABS)	BUSES	TRUCKS AND TRUCK TRACTORS 3/	TRAILERS	MOTOR-CYCLES	TOTAL								WEIGHT OR CAPACITY	FLAT RATE			
ALABAMA	61,436	108	60,947	1,134	530	124,155	9,580	9,357	-	3,045	-	-	456	-	-	1,103	9,106	150,802
ALASKA	8,161	174	8,348	934	181	15,858	1,177	1,177	-	433	-	-	-	-	-	72	2,163	21,362
ARIZONA & ARKANSAS	20,519	140	53,427	4,060	912	79,058	7,297	4,257	-	7,388	100	-	97,503	-	10,291	-	26,221	232,015
CALIFORNIA 2/	24,681	9	23,178	4,020	98	51,986	7,101	3,342	-	-	-	-	27,802	-	-	13,625	14,946	116,802
COLORADO	1,969,937	8,385	858,134	161,654	35,753	3,027,663	60,178	-	-	-	-	8,263	-	-	-	1,888	206,122	3,304,294
CONNECTICUT	21,373	200	17,107	1,940	511	41,131	8,133	5,383	-	6,526	-	3,560	32,048	-	-	2,107	15,119	114,013
DELAWARE	107,928	2,095	18,384	1,544	793	130,744	19,362	7,982	-	91	-	5,140	-	-	-	66	42,573	205,958
DIST. OF COL.	6,339	176	5,498	644	47	14,704	1,165	1,059	22,626	3,116	-	-	-	-	-	-	3,476	46,146
FLORIDA	11,931	445	2,375	83	49	14,863	1,430	835	-	-	-	-	-	-	-	-	1,663	45,560
GEORGIA	187,984	951	113,913	15,479	1,956	320,293	29,847	6,876	26,769	11,399	-	30,537	-	-	195	101,193	515,897	
HAWAII	28,297	294	33,763	2,623	359	65,336	8,676	10,112	-	60	-	-	-	-	2,676	295	13,898	102,541
IDAHO	30,092	552	9,639	1,736	307	42,326	2,104	1,059	-	38	-	-	-	-	-	-	3,627	46,095
ILLINOIS	12,118	39	14,592	805	259	27,813	3,973	-	-	-	-	-	21,952	-	-	168	4,780	60,325
INDIANA	303,934	14	191,826	31,459	6,772	531,823	19,739	8,323	-	1,639	-	456	-	-	4,841	-	38,716	609,747
IOWA	43,126	254	110,889	5,912	1,321	161,502	6,606	7,614	-	2,891	-	-	-	-	1,732	113	12,789	192,577
KANSAS	113,469	162	68,914	3,414	1,895	187,854	3,029	9,346	-	-	-	-	-	-	352	521	18,016	219,118
KENTUCKY	22,621	360	44,649	2,559	744	70,833	8,561	6,951	-	-	-	-	-	-	4,697	37	5,214	93,393
LOUISIANA	22,146	40	33,338	907	180	66,991	6,109	180	193,807	-	-	11,765	58,969	1,371	7,638	7,638	29,535	368,874
MAINE	8,265	497	23,634	2,837	134	35,367	6,818	13,820	-	732	-	-	-	-	4,068	95	36,213	102,865
MARYLAND	17,690	38	14,945	6,934	652	40,159	3,372	2,970	-	982	-	-	-	-	1,757	50	5,165	56,465
MASSACHUSETTS	78,871	556	39,328	3,612	974	124,341	8,387	2,947	327,631	14	-	-	-	-	-	-	47,205	510,525
MICHIGAN	10/ 68,841	1,352	85,035	7,255	1,476	156,729	11,058	6,124	-	2,105	-	-	-	-	2,709	132	48,069	340,039
MINNESOTA	236,865	308	121,594	17,227	3,028	379,022	18,803	30,932	-	-	-	-	-	-	237	93	51,056	482,737
MISSISSIPPI	175,375	337	61,963	7,218	1,162	236,055	13,619	2,563	-	6,091	-	-	-	-	-	1,671	19,343	278,548
MISSOURI	26,315	49	22,591	1,667	414	51,036	5,481	2,845	-	5,068	-	-	-	-	51	521	24,976	89,958
MONTECARLO	75,304	328	76,880	3,511	506	156,729	11,058	6,124	-	9,355	-	-	-	-	1,836	171	15,017	208,924
NEBRASKA	5,033	65	12,044	1,818	131	18,892	1,786	1,786	4,252	-	-	-	-	-	4,953	63	3,729	35,911
NEVADA	15,291	194	24,939	672	169	41,255	3,233	3,392	-	748	-	-	-	-	954	88	11,131	50,811
NEW HAMPSHIRE	53,724	168	23,450	3,291	1,234	81,887	2,258	3,376	-	1,862	-	-	18,649	-	-	1,637	17,464	127,113
NEW JERSEY	216,326	60	14,577	901	386	36,250	6,889	2,385	-	14,645	-	-	-	-	2,923	82	9,526	72,680
NEW MEXICO	150,190	1,355	69,823	4,174	829	236,371	19,418	15,091	-	-	-	-	-	-	-	-	52,167	322,047
NEW YORK	26,381	36	19,729	1,059	377	46,581	2,622	1,434	49,538	813	-	-	39,371	-	-	3,190	6,351	145,910
NORTH CAROLINA	10/ 278,458	1,276	76,292	4,763	2,026	362,815	54,159	18,107	-	3,329	-	-	57,682	-	-	3,212	68,818	587,922
NORTH DAKOTA	16,913	45	14,295	953	425	32,635	1,062	860	-	180	-	-	330	-	2,539	42	4,258	43,310
OHIO	216,609	594	124,470	29,817	3,992	375,382	9,250	11,623	-	-	17,247	-	64,220	86	3,030	420	26,570	507,766
OKLAHOMA	159,623	61	33,893	3,747	2,194	199,318	7,854	10,847	-	2,457	6,729	-	48	-	2,748	143	36,113	266,256
OREGON	15,037	271	16,584	5,906	232	39,110	10,734	9,724	-	10	-	-	122,273	16,416	3,063	128	15,148	217,606
PENNSYLVANIA	171,354	2,457	215,796	5,373	2,185	398,175	42,209	43,435	-	29,230	-	-	-	-	-	-	80,241	539,290
RHODE ISLAND	8,015	11	5,071	348	361	13,806	3,510	1,045	-	7,740	-	-	-	-	-	2,301	4,482	32,684
SOUTH CAROLINA	21,592	91	28,312	655	172	50,822	8,172	4,761	-	4,680	-	-	986	178	-	-	23,890	93,489
SOUTH DAKOTA	9,727	84	18,558	1,355	204	29,929	825	1,245	-	275	-	-	-	-	-	-	2,021	34,294
TENNESSEE	65,028	70	54,271	20,752	986	139,107	12,769	5,172	-	-	6,070	-	-	-	-	-	8,591	175,236
TEXAS	392,099	1,282	276,385	32,615	5,352	707,734	50,688	37,494	992,440	1,805	-	-	-	255	3,117	563	72,395	1,655,437
UTAH	8,727	45	10,898	1,222	220	21,112	2,977	980	-	-	-	-	-	-	-	-	14,567	39,646
VERMONT	15,053	48	9,117	701	245	23,220	1,381	1,381	-	-	-	-	-	-	-	-	8,813	66,428
VIRGINIA	10/ 101,485	105	63,232	4,143	1,201	170,176	17,356	17,356	30,774	3,571	-	-	-	-	-	48	57,945	439,820
WASHINGTON 2/	334,635	178	183,310	17,453	5,383	540,957	13,290	783	170,544	10,019	14,941	1,092	20	5,797	438	6,337	28,593	614,157
WEST VIRGINIA	23,990	2	22,878	835	141	47,846	3,797	4,332	93,208	-	-	-	-	1,827	-	20	14,113	165,143
WISCONSIN	66,260	412	74,629	2,491	937	146,729	11,397	6,683	-	-	-	-	-	-	-	2,921	29,621	197,363
WYOMING	4,230	35	5,456	1,334	97	11,152	732	665	-	20	1	-	15,111	-	836	-	10,089	36,526
TOTAL	5,942,976	31,761	3,685,855	443,626	90,926	10,094,544	619,731	456,787	1,912,893	153,520	96,599	18,868	557,418	30,883	59,627	56,307	1,469,309	15,525,486

1/ ROAD-USER REVENUES CONSIST PRIMARILY OF MOTOR-FUEL TAXES, SHOWN IN TABLE MF-1, AND MOTOR-VEHICLE AND MOTOR-CARRIER TAXES SHOWN IN THIS TABLE.
 2/ WHERE THE REGISTRATION YEAR IS NOT MORE THAN ONE MONTH REMOVED FROM THE CALENDAR YEAR, REGISTRATION-YEAR RECEIPTS ARE GIVEN. WHERE THE REGISTRATION YEAR IS MORE THAN ONE MONTH REMOVED, CALENDAR-YEAR RECEIPTS ARE GIVEN.
 3/ INCLUDES FEES FOR LIGHT TRUCKS AS REPORTED IN TABLE MV-9.
 4/ SPECIAL TITLING TAXES IMPOSED UNDER GENERAL SALES TAX LEGISLATION ARE NOT INCLUDED.
 5/ COUNTY OR LOCAL OFFICERS IN MANY STATES ARE ALLOWED SERVICE CHARGES FOR ISSUING REGISTRATIONS, OPERATORS' LICENSES, OR FOR RELATED SERVICES. SOME OF THESE CHARGES ARE INCLUDED WITH REGISTRATION AND OTHER FEES. THE AMOUNTS SHOWN IN THIS COLUMN ARE ESTIMATES OF SERVICE CHARGES THAT ARE COLLECTED AND RETAINED BY LOCAL OFFICIALS AND NOT REPORTED ELSEWHERE IN THIS TABLE.
 6/ NUMEROUS STATES IMPOSE TAXES ON THE GROSS RECEIPTS OF MOTOR CARRIERS IN CONNECTION WITH GENERAL STATE SALES TAXES OR TAXES ON ALL TRANSPORTATION COMPANIES OR PUBLIC UTILITIES. THIS COLUMN INCLUDES ONLY THE PROCEEDS OF GROSS RECEIPTS TAXES REPORTED BY THE STATES AS SPECIAL TAXES ON MOTOR CARRIERS.
 7/ IN GENERAL, THE PROCEEDS OF SPECIAL WEIGHT OR CAPACITY TAXES IMPOSED AT A FLAT RATE PER

VEHICLE ARE INCLUDED UNDER SPECIAL LICENSE FEES AND FRANCHISE TAXES. APPLICATION OR FILING FEES REQUIRED FOR THE ISSUANCE OF CERTIFICATES OF CONVENIENCE AND NECESSITY TO COMMON CARRIERS, AND CORRESPONDING PERMITS TO CONTRACT AND OTHER MOTOR CARRIERS, ARE INCLUDED UNDER CERTIFICATE OR PERMIT FEES.
 8/ REGISTRATION FEES NOW EXCLUDE LICENSE TAXES.
 9/ PROPERTY TAXES FORMERLY LEVIED ON MOTOR VEHICLES HAVE BEEN REPLACED BY "VEHICLE LICENSE FEES" IN CALIFORNIA, AND BY "MOTOR VEHICLE EXCISE TAXES" IN WASHINGTON. BECAUSE OF THE ORIGIN OF THESE TAXES, THE ADMINISTRATIVE OFFICERS OF THE TWO STATES DO NOT CONSIDER THEM TO BE ROAD-USER TAXES. THE AMOUNTS INCLUDED WITH REGISTRATION FEES IN THIS TABLE ARE AS FOLLOWS: CALIFORNIA: AUTOMOBILES \$1,559,877,389; BUSES \$9,517,899; TRUCKS \$430,632,110; TRAILERS \$58,907,175; MOTORCYCLES \$18,417,231; WASHINGTON: AUTOMOBILES \$266,999,929; BUSES \$143,444; TRUCKS \$101,268,001; TRAILERS \$10,308,817; MOTORCYCLES \$2,722,334; DEALERS \$64,412.
 10/ CONNECTICUT, MASSACHUSETTS, NEW YORK AND OREGON REGISTER AUTOMOBILES FOR TWO-YEAR PERIODS, VIRGINIA FOR OPTIONAL ONE- OR TWO-YEAR PERIODS, AND LOUISIANA FOR FOUR-YEAR PERIODS, ALL ON A STAGGERED MONTHLY BASIS.

DISPOSITION OF STATE MOTOR-VEHICLE AND MOTOR-CARRIER TAX RECEIPTS - 1989

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE MV-3
OCTOBER 1990

STATE	RECEIPTS AVAILABLE FOR DISTRIBUTION 1/	FOR COLLECTING MOTOR-VEHICLE AND MOTOR-CARRIER TAXES 2/	NET FUNDS DISTRIBUTED 3/	FOR STATE-ADMINISTERED HIGHWAYS				FOR LOCAL ROADS AND STREETS 5/			FOR MASS TRANSPORTATION PURPOSES	FOR NONHIGHWAY PURPOSES 6/			
				CAPITAL OUTLAY, MAINTENANCE AND ADMINISTRATION	HIGHWAY LAW ENFORCEMENT AND SAFETY	SERVICE OF OBLIGATIONS FOR STATE HIGHWAYS	TOTAL	COUNTY AND TOWNSHIP ROADS 4/	MUNICIPAL STREETS	TOTAL		STATE GENERAL PURPOSES	LOCAL GENERAL PURPOSES 6/	OFFSET BY GENERAL FUNDS FOR HIGHWAYS (NONADDITIVE) 7/	TOTAL
ALABAMA	150,227	12,582	137,645	37,946	34,890	26,785	99,621	31,178	6,845	38,023	-	-	-	-	-
ALASKA 9/	21,363	2,979	18,384	18,384	-	-	18,384	-	-	-	-	-	-	-	-
ARIZONA	224,588	21,954	202,634	34,824	13,745	26,128	74,697	44,978	82,958	127,936	-	-	-	(2,063)	-
ARKANSAS	118,809	3,147	115,656	73,108	8,803	-	91,911	17,438	15,307	33,745	-	-	-	(2,673)	-
CALIFORNIA 10/	3,324,367	268,636	3,055,732	160,582	559,729	-	720,311	10,955	14,637	25,592	108,753	296,088	1,904,987	-	2,201,075
COLORADO	114,013	34,409	79,604	30,151	10,002	-	40,153	19,315	16,489	34,800	1,506	-	3,014	-	3,145
CONNECTICUT	193,399	30,933	162,466	41,870	13,721	73,155	128,746	3,576	6,641	10,217	23,509	-	-	-	-
DELAWARE 9/	46,146	3,967	42,179	23,233	-	17,402	40,535	-	1,179	1,179	-	-	-	-	-
DIST. OF COL.	45,560	4,556	41,004	-	-	-	-	-	24,236	24,236	16,758	-	-	-	-
FLORIDA	511,313	178,443	332,870	202,481	82,634	-	285,115	-	-	-	35,666	12,090	-	(146,997)	12,090
GEORGIA	102,539	40,973	61,566	57,187	-	-	57,187	3,140	1,239	4,379	-	-	-	-	-
HAWAII	48,096	1,876	46,220	16,584	482	-	17,066	29,154	-	29,154	-	-	-	(4,461)	-
IDAHO	63,241	2,221	61,020	27,097	7,556	-	34,653	17,451	5,591	23,042	2	1,570	1,644	-	3,314
ILLINOIS	622,221	108,161	514,060	339,192	38,280	78,822	456,294	53,383	4,383	57,766	-	-	-	(10,066)	-
INDIANA	190,441	48,538	141,903	66,745	9,168	-	75,913	32,998	32,992	65,990	-	-	-	-	-
IOWA	216,400	20,079	196,321	81,487	14,112	-	95,599	70,086	30,636	100,722	-	-	-	-	-
KANSAS	93,534	37,555	55,979	50,687	1,839	3,453	55,979	-	-	-	-	-	-	-	-
KENTUCKY	368,675	30,126	338,549	188,953	21,664	89,743	239,360	33,387	5,801	39,188	-	-	-	-	-
LOUISIANA	107,329	42,038	65,291	53,878	4,052	-	59,930	12	566	578	-	-	-	-	-
MAINE	59,963	14,757	45,206	29,202	4,284	5,054	38,550	5,019	1,638	6,657	-	-	-	-	-
MARYLAND	510,435	24,194	486,241	179,753	51,968	-	231,721	123,901	116,716	240,617	442	13,442	19	-	13,461
MASSACHUSETTS	317,188	27,660	289,528	91,987	44,794	90,316	187,097	6,736	28,114	34,850	67,582	-	-	(2,131)	-
MICHIGAN	482,637	68,358	414,279	57,347	12,305	49,512	159,164	140,977	75,305	216,282	36,833	-	-	(3,500)	-
MINNESOTA	311,310	8,714	302,596	166,233	22,350	4,084	192,667	82,837	24,581	107,418	2,512	-	-	(1,504)	-
MISSISSIPPI	98,042	28,655	69,387	39,394	8,852	-	48,246	20,175	961	21,136	5	-	-	-	-
MISSOURI	206,983	39,854	167,129	118,884	27,279	-	146,163	8,366	12,580	20,966	-	-	-	-	-
MONTANA	38,494	2,561	35,933	22,750	4,966	2,518	30,234	1,189	1,089	2,278	57	3,337	-	-	3,337
NEBRASKA	60,810	11,738	49,072	26,034	1,773	248	30,055	5,349	9,669	19,018	-	-	-	(7,805)	-
NEVADA	127,821	17,992	110,429	40,736	13,113	6,382	60,231	-	-	-	130	-	50,068	-	50,068
NEW HAMPSHIRE	72,312	7,543	64,769	28,589	10,947	3,859	43,494	203	2,285	2,488	22	18,766	-	-	18,766
NEW JERSEY 9/	322,047	66,997	255,050	115,288	70,036	56,817	242,141	6,744	6,165	12,909	-	-	-	-	-
NEW MEXICO	151,796	11,005	140,791	97,459	7,465	2,220	107,144	23,544	2,421	25,965	163	1,819	5,700	(16,734)	7,519
NEW YORK 9/	570,924	146,579	424,345	175,034	15,836	55,822	247,692	99,540	77,113	176,653	-	-	-	-	-
NORTH CAROLINA	280,673	44,163	236,510	144,585	43,310	9,294	197,189	-	16,225	16,225	1,840	21,256	-	-	21,256
NORTH DAKOTA	44,414	2,992	41,422	16,094	3,234	-	19,328	12,194	5,299	17,493	161	4,439	-	-	4,439
OHIO	506,366	61,191	445,175	21,319	6,044	46,944	74,307	305,422	64,329	369,751	1,135	-	-	-	-
OKLAHOMA	274,857	21,535	253,322	42,466	12,204	-	54,700	33,196	7,656	40,852	-	155,729	2,041	(50,041)	157,770
OREGON	220,050	50,898	169,152	76,633	10,501	4,692	91,826	48,008	29,318	77,326	-	-	-	-	-
PENNSYLVANIA	593,291	37,115	556,176	324,260	80,675	102,616	507,551	46,018	2,516	48,534	91	-	-	-	-
RHODE ISLAND 9/	32,910	11,988	20,922	12,589	2,586	5,355	20,530	23	369	392	-	-	-	-	-
SOUTH CAROLINA	94,938	21,812	73,126	56,803	9,164	-	65,967	4,229	-	4,229	426	-	2,257	(606)	2,257
SOUTH DAKOTA	34,036	4,406	29,630	8,881	2,074	-	10,955	14,221	4,452	18,673	-	-	-	(6,823)	-
TENNESSEE	175,236	29,266	145,970	114,185	10,784	-	124,969	18,100	-	18,100	2,901	-	-	(8,215)	-
TEXAS	1,857,374	116,312	1,741,062	533,495	39,681	-	573,176	72,445	236	72,681	-	1,095,205	-	-	1,095,205
UTAH	42,232	12,866	29,366	13,621	9,811	-	23,432	3,043	2,891	5,934	-	-	-	-	-
VERMONT 11/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	439,916	70,765	369,151	280,629	27,173	564	308,366	9,368	51,427	60,795	121,338	190,139	42,854	(16,300)	232,987
WASHINGTON 10/	614,157	58,032	556,125	114,466	83,300	247	198,012	2,796	982	3,788	-	-	-	(14,354)	-
WEST VIRGINIA	163,101	7,167	155,934	87,163	1,252	67,518	155,933	-	-	-	-	-	-	-	-
WISCONSIN	197,363	48,614	148,749	59,503	7,834	26,633	93,970	21,536	21,758	43,294	9,471	2,015	-	-	2,015
WYOMING	38,528	3,983	34,545	20,811	7,813	-	28,624	1,061	4,860	5,921	-	-	-	-	-
TOTAL 11/	15,502,459	1,972,244	13,530,214	4,622,710	1,475,095	862,006	6,959,811	1,486,311	821,461	2,307,772	433,287	1,816,120	2,012,684	(294,273)	3,828,704

1/ SEE TABLE MV-2 FOR DETAILS OF RECEIPTS. AMOUNTS IN THIS COLUMN EXCLUDE ADJUSTMENTS FOR UNDISTRIBUTED BALANCES, FUNDS IN TRANSIT, ETC.
 2/ COLLECTION EXPENSES IN MANY STATES INCLUDE SERVICE CHARGES DEDUCTED BY COUNTY AND LOCAL COLLECTORS.
 3/ MOTOR-VEHICLE REVENUES ARE EITHER DEDICATED FOR SPECIFIC PURPOSES OR PLACED WITH OTHER HIGHWAY-USER REVENUES IN A COMMON FUND FROM WHICH A DISTRIBUTION IS MADE. THIS TABLE INCLUDES BOTH SPECIFIC DEDICATIONS AND PRO RATA MOTOR-VEHICLE REVENUE PORTION OF THE AMOUNTS DISTRIBUTED FROM THE COMMON FUND.
 4/ FORMER COUNTY ROADS ARE UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WY.
 5/ INCLUDES DIRECT EXPENDITURES BY STATES 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. ENTRIES INCLUDE AMOUNTS USED FOR SERVICE OF OBLIGATIONS FOR LOCAL ROADS.
 6/ ALLOCATIONS FOR LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS, BUT

SUCH AMOUNTS WERE NOT REPORTED.
 7/ GROSS NONHIGHWAY ALLOCATIONS OF MOTOR-VEHICLE AND MOTOR-CARRIER REVENUES WERE OFFSET, IN THE AMOUNTS SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS OUT OF STATE GENERAL FUNDS, AND THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE AND LOCAL HIGHWAY PURPOSES.
 8/ THE AMOUNTS SHOWN DO NOT NECESSARILY CONSTITUTE DIVERSIONS FROM HIGHWAY USE REQUIRING A PENALTY UNDER THE HAYDEN-CARTWRIGHT ACT OF 1934. SUCH DIVERSIONS CAN BE DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1934.
 9/ IN AK, DE, NJ, NY, AND RI, 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 NONHIGHWAY 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.

STATE RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS - SUMMARY - 1989

TABLE SF-21
OCTOBER 1990
COMPILED FROM REPORTS OF STATE AUTHORITIES
(THOUSANDS OF DOLLARS)

STATE	RECEIPTS										DISBURSEMENTS										TOTAL DISBURSEMENTS
	STATE HIGHWAY REVENUES Z/	MISCELLANEOUS TAX INCOME	OTHER STATE GENERAL FUND REVENUES	FEDERAL FUNDS			TRANSFERS FROM GOVERNMENTS	BOND PROCEEDS	TOTAL RECEIPTS	CAPITAL OUTLAY			TOTAL	NAME-TRAFFIC AND SERVICES	TRANSITATION AND POLICE HIGHWAY	BOND INTEREST	GRANTS-IN-AID LOCAL GOVERNMENTS	BOND RETIREMENT 3/			
				FEDERAL HIGHWAY TRANSITATION	OTHER FEDERAL CATEGORIES	MISCELLANEOUS				FEDERAL-ROAD SYSTEMS	OTHER ROADS STREETS	TRANSITATION AND POLICE HIGHWAY									
ALABAMA	427,281	8,711	133,887	301,154	2,629	-	-	14,200	189,349	154,284	87,949	440,581	135,280	84,070	13,829	180,232	93,875	947,867			
ALASKA	58,117	20,088	151,227	189,534	3,629	-	-	-	306,518	306,518	11,232	173,426	119,304	36,877	7,232	47,553	27,947	412,339			
ARIZONA	546,003	62,231	134,906	183,708	11,824	102,285	-	-	210,673	210,673	26,045	207,584	97,541	43,305	97,621	40,360	-	1,440,497			
ARIZONA	359,358	18,555	6,181	109,642	5,393	-	-	-	49,749	131,590	-	207,584	97,541	43,305	97,621	40,360	-	1,440,497			
CALIFORNIA	1,702,808	184,215	18,598	1,045,907	41,515	62,052	-	-	477,075	1,009,259	63,481	1,549,795	504,754	851,737	6,325	788,327	3,445	3,704,383			
CALIFORNIA	372,556	18,201	18,598	1,045,907	41,515	62,052	-	-	298,349	1,092,201	23,426	1,115,627	58,466	149,887	81,584	23,000	13,901	614,883			
CONNECTICUT	406,557	68,447	61,253	368,610	2,936	-	-	1,240	217,509	367,132	15,244	146,359	33,923	60,140	23,797	23,000	38,584	385,793			
CONNECTICUT	107,250	17,852	-	86,402	494	-	-	-	287,130	101,511	23,426	146,359	33,923	60,140	23,797	23,000	38,584	385,793			
DELAWARE	41,508	36	-	70,581	-	-	-	-	17,725	43,306	17,066	78,097	29,276	20,351	77,207	-	-	204,931			
FLORIDA	861,752	120,884	42,624	515,384	3,959	172,380	-	32,316	17,725	43,306	17,066	78,097	29,276	20,351	77,207	-	-	204,931			
FLORIDA	388,236	68,661	246,892	394,685	3,374	-	-	12,744	150,555	170,933	5,237	1,104,899	206,452	186,304	244,136	39,104	214,879	2,077,991			
ILLINOIS	695,854	3,014	112,966	83,734	478	-	-	-	78,280	45,976	5,237	126,473	116,597	20,060	10,200	31,104	13,582	1,214,424			
ILLINOIS	157,025	2,237	112,966	83,734	478	-	-	-	78,280	45,976	5,237	126,473	116,597	20,060	10,200	31,104	13,582	1,214,424			
INDIANA	1,008,294	84,985	176,981	192,229	7,577	688	-	-	61,423	155,665	15,100	132,184	45,765	39,857	57,082	-	-	288,888			
INDIANA	695,854	60,759	260,553	214,559	4,745	5,262	-	64,584	11,593	38,151	24,082	274,175	142,889	128,521	85,320	386,859	1,150	2,424,653			
INDIANA	497,825	2,237	112,966	83,734	478	-	-	-	68,086	182,926	40,433	291,465	172,683	130,043	32,472	298,652	-	890,245			
KANSAS	249,556	15,728	99,231	182,270	1,265	12,013	-	-	11,593	188,560	24,082	274,175	142,889	128,521	85,320	386,859	1,150	2,424,653			
KANSAS	697,133	64,100	34,875	43,256	2,936	-	-	16,000	22,563	17,806	24,082	274,175	142,889	128,521	85,320	386,859	1,150	2,424,653			
KANSAS	426,462	9,400	444,143	255,082	2,006	-	-	-	22,563	17,806	24,082	274,175	142,889	128,521	85,320	386,859	1,150	2,424,653			
KANSAS	188,071	9,400	444,143	255,082	2,006	-	-	-	22,563	17,806	24,082	274,175	142,889	128,521	85,320	386,859	1,150	2,424,653			
MARYLAND	887,117	25,535	39,710	477,231	1,000	8	-	-	443,195	288,545	-	741,740	139,453	189,518	20,881	389,535	13,497	1,490,624			
MARYLAND	457,700	43,256	108,749	152,152	2,936	-	-	19,458	39,428	194,463	97,847	389,306	134,456	196,001	96,719	44,928	97,186	1,988,476			
MARYLAND	989,431	28,043	5,538	283,614	4,567	-	-	-	1,595,752	1,174,523	140,157	593,112	119,101	100,562	18,618	392,448	14,650	1,418,785			
MARYLAND	758,171	11,902	83,814	283,351	4,567	-	-	-	1,226,795	240,218	140,157	593,112	119,101	100,562	18,618	392,448	14,650	1,418,785			
MASSACHUSETTS	357,894	20,829	59,985	134,845	4,454	1,970	-	-	42,454	228,709	66,034	337,197	93,935	84,831	16,772	54,745	15,860	543,330			
MASSACHUSETTS	122,864	4,447	121,929	27,934	2,454	1,970	-	-	20,829	225,571	5,859	332,078	195,307	169,312	10,400	166,207	11,166	862,964			
MASSACHUSETTS	230,021	8,526	74,741	120,613	2,481	8,768	-	-	21,625	102,988	12,284	203,126	46,923	33,682	6,87	128,396	4,088	419,186			
MASSACHUSETTS	199,012	5,005	-	80,923	1,075	5,289	-	-	39,444	145,063	1,611	186,118	50,908	35,338	3,074	37,754	15,760	328,953			
MASSACHUSETTS	124,553	15,063	60,393	31,035	3,717	3,680	-	202,405	308,827	40,882	112,533	65,876	87,428	65,876	16,454	563	11,166	928,953			
MASSACHUSETTS	298,586	14,900	3,980	141,039	1,884	1,122	-	-	81,189	175,482	3,828	260,449	265,011	81,972	237,509	38,348	4,088	1,426,329			
MASSACHUSETTS	199,012	5,005	-	80,923	1,075	5,289	-	-	39,444	145,063	1,611	186,118	50,908	35,338	3,074	37,754	15,760	328,953			
MASSACHUSETTS	124,553	15,063	60,393	31,035	3,717	3,680	-	202,405	308,827	40,882	112,533	65,876	87,428	65,876	16,454	563	11,166	928,953			
MASSACHUSETTS	298,586	14,900	3,980	141,039	1,884	1,122	-	-	81,189	175,482	3,828	260,449	265,011	81,972	237,509	38,348	4,088	1,426,329			
NEW YORK	844,578	153,672	83,734	620,889	5,368	9,008	-	400,183	623,535	844,073	82,686	1,550,294	452,886	274,524	40,595	220,077	82,775	2,700,820			
NEW YORK	813,375	40,335	3,585	40,335	1,188	9,008	-	-	623,535	844,073	82,686	1,550,294	452,886	274,524	40,595	220,077	82,775	2,700,820			
NEW YORK	1,302,354	46,346	4,833	428,363	7,141	22,568	-	-	248,119	350,468	26,442	625,049	284,142	259,597	25,644	568,195	-	1,882,466			
NEW YORK	844,578	153,672	83,734	620,889	5,368	9,008	-	400,183	623,535	844,073	82,686	1,550,294	452,886	274,524	40,595	220,077	82,775	2,700,820			
NEW YORK	813,375	40,335	3,585	40,335	1,188	9,008	-	-	623,535	844,073	82,686	1,550,294	452,886	274,524	40,595	220,077	82,775	2,700,820			
NEW YORK	1,302,354	46,346	4,833	428,363	7,141	22,568	-	-	248,119	350,468	26,442	625,049	284,142	259,597	25,644	568,195	-	1,882,466			
OREGON	397,077	50,825	25,549	214,910	2,302	5,757	-	545,925	71,363	214,865	9,202	295,430	104,320	127,808	35,683	138,414	15,783	717,438			
OREGON	384,776	12,944	12,944	32,325	7,752	15,244	-	-	170,035	170,035	36,026	1,292,131	518,960	64,909	2,547	217,488	9,260	689,334			
OREGON	1,555,573	132,641	848,297	72,325	1,188	15,244	-	327,483	3,168,572	2,412,010	36,026	1,292,131	518,960	64,909	2,547	217,488	9,260	1,200,569			
OREGON	80,969	991	-	120,911	1,412	-	-	29,867	242,781	695,236	129,768	1,556,690	65,455	21,469	192,463	259,566	15,617	2,900,054			
PENNSYLVANIA	401,734	2,330	24,475	186,950	3,332	96	-	-	26,006	155,038	108,615	287,654	193,870	90,390	-	18,809	-	550,723			
PENNSYLVANIA	107,052	2,330	24,475	186,950	3,332	96	-	-	26,006	155,038	108,615	287,654	193,870	90,390	-	18,809	-	550,723			
PENNSYLVANIA	688,749	7,061	24,475	244,600	2,793	13,394	-	-	15,156	89,815	17,337	341,771	140,363	40,363	19,592	19,592	-	217,824			
PENNSYLVANIA	1,656,621	108,224	25,859	933,516	11,666	38,811	-	-	338,724	1,409,001	66,197	2,013,922	442,370	406,080	12,685	28,677	17,920	1,056,474			
TENNESSEE	189,061	2,405	15,086	168,546	61,657	3,300	-	-	155,379	124,517	-	279,896	55,225	50,506	-	53,380	-	439,007			
TENNESSEE	959,055	42,756	284,863	322,413	32,517	54,070	-	222,935	234,515	506,053	153,546	893,985	480,774	180,292	29,781	165,716	14,047	1,778,565			
TENNESSEE	615,620	26,932	48,365	32,517	32,517	-	-	66,960	1,157,237	174,308	153,546	422,097	156,729	160,762	63,453	231,652	35,636	1,076,007			
TENNESSEE	959,055	42,756	284,863	322,413	32,517	54,070	-	222,935	234,515	506,053	153,546	893,985	480,774	180,292	29,781	165,716	14,047	1,778,565			
TENNESSEE	615,620	26,932	48,365	32,517	32,517	-	-	66,960	1,157,237	174,308	153,546	422,097	156,729	160,762	63,453	231,652	35,636	1,076,007			
TENNESSEE	959,055	42,756	284,863	322,413	32,517	54,070	-	222,935	234,51												

STATE HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS - SUMMARY - 1989¹

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-1
OCTOBER 1990

STATE	BALANCE BEGINNING OF YEAR 2/			CURRENT STATE INCOME 5/								PAYMENTS FROM OTHER GOVERNMENTS				ISSUE OF BONDS		TOTAL RECEIPTS
	RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL	HIGHWAY-USER REVENUES 3/			ROAD AND CROSSING TOLLS 4/	APPROPRIATIONS FROM GENERAL FUNDS	OTHER STATE IMPOSTS	MISCELLANEOUS RECEIPTS	TOTAL	FEDERAL FUNDS		FROM COUNTIES AND TOWNSHIPS	FROM MUNICIPALITIES	FOR CAPITAL OUTLAY	FOR DEBT SERVICE INCLUDING REFUNDING	
				MOTOR-FUEL TAXES	MOTOR-VEHICLE AND MOTOR-CARRIER TAXES	TOTAL						FEDERAL-HIGHWAY ADMINISTRATION	OTHER AGENCIES					
ALABAMA	209,147	-	209,147	289,737	137,644	427,381	-	58,533	75,254	9,711	570,979	301,164	2,658	-	-	-	14,200	889,011
ALASKA	-	-	-	19,739	18,384	38,117	14,351	151,226	-	20,088	175,674	185,534	3,022	-	-	-	-	412,336
ARIZONA	507,981	22,865	530,245	343,369	202,634	546,003	-	103,556	62,291	743,200	183,708	11,525	99,361	2,924	-	-	-	1,040,718
ARKANSAS	18,533	-	18,533	212,672	115,656	328,328	-	4,056	2,125	18,557	353,086	109,642	5,383	-	-	-	-	468,091
CALIFORNIA	1,065,960	4,155	1,070,126	856,904	745,903	1,702,807	92,730	-	-	194,215	1,989,752	1,045,905	41,216	40,490	51,535	-	-	3,168,898
COLORADO	45,741	-	45,741	297,643	74,383	372,536	-	18,598	-	18,201	409,395	199,921	3,336	4,051	5,987	-	-	622,690
CONNECTICUT	482,523	-	482,523	257,604	138,963	406,567	2,150	-	68,447	477,164	368,610	2,936	-	-	308,952	1,044	-	1,158,706
DELAWARE	176,273	21,618	197,891	65,475	41,815	107,290	56,592	61,254	-	17,820	242,956	52,441	494	-	-	-	-	449,231
DIST. OF COL.	-	-	-	17,272	24,236	41,508	-	-	-	36	41,544	70,681	389	-	-	24,613	105,036	242,293
FLORIDA	345,245	282,734	627,980	576,638	285,114	861,752	182,605	-	42,624	120,864	1,207,845	516,384	4,954	169,900	2,481	298,526	2,225,894	
GEORGIA	93,471	-	93,471	324,690	61,566	386,256	1,365	145,462	101,430	68,651	703,164	394,685	3,275	-	-	-	-	1,101,224
HAWAII	88,999	-	88,999	39,627	46,220	85,847	-	35,195	18,854	-	140,300	83,734	478	-	-	12,744	5,481	243,357
IDAHOW	25,794	-	25,794	99,320	57,705	157,025	-	-	-	382	157,387	102,329	7,138	686	-	-	-	267,542
ILLINOIS	857,666	78,963	936,629	794,234	514,060	1,308,294	212,781	103,522	75,459	84,385	1,785,041	581,811	5,674	7,489	-	-	-	2,489,175
INDIANA	291,144	52,368	343,512	563,352	141,903	705,255	55,721	10,999	112	60,798	823,496	260,599	4,292	1,191	19,658	-	-	1,109,130
IOWA	62,280	-	62,280	301,307	196,321	497,628	-	-	112,968	2,237	612,833	214,540	4,745	-	-	-	-	837,380
KANSAS	118,181	77,733	195,924	193,577	55,979	249,556	36,914	23,641	75,590	15,728	401,429	162,271	1,320	5,405	6,607	-	-	577,032
KENTUCKY	478,205	199,954	678,159	358,595	338,549	697,134	18,774	33,064	1,815	64,100	814,887	150,383	2,064	604	241	-	-	968,179
LOUISIANA	3,774	9,404	13,178	361,141	65,321	426,462	17,169	421,365	22,778	1,442	889,216	255,082	2,598	-	-	5,760	940	1,153,598
MAINE	136,991	1,325	138,316	122,863	45,206	168,069	37,105	1,440	-	9,399	216,013	58,710	2,006	-	-	16,000	-	292,725
MARYLAND	96,753	61,843	158,596	414,777	472,339	887,116	43,815	-	33,710	26,535	957,466	477,231	898	62	-	-	-	1,445,461
MASSACHUSETTS	75,773	24,476	100,249	235,754	221,946	457,700	114,606	-	-	43,256	645,272	152,152	1,110	351	163,140	-	-	868,087
MICHIGAN	322,427	1,015	323,442	613,885	375,446	989,431	11,902	-	100,748	28,643	1,130,124	283,814	5,538	25,318	437	130,727	9,254	1,595,012
MINNESOTA	559,814	97,803	657,617	435,085	300,085	735,170	-	29,089	54,744	71,368	890,351	285,350	4,587	16,091	29,429	2,000	5	1,226,793
MISSISSIPPI	137,901	107,366	245,267	288,511	69,383	357,894	-	3,546	56,441	20,928	438,809	134,845	3,484	408	1,461	-	-	579,107
MISSOURI	10,129	-	10,129	355,634	187,129	522,663	-	-	121,928	4,834	649,426	237,834	4,013	1,327	4,013	-	-	896,539
MONTANA	137,442	-	137,442	102,960	32,512	135,472	-	-	11,376	4,447	151,295	91,490	4,494	795	933	-	-	249,007
NEBRASKA	110,744	280	111,024	180,949	49,073	230,022	-	12,054	62,688	8,527	313,291	120,513	2,481	2,304	6,455	-	-	445,044
NEVADA	44,815	-	44,815	138,782	60,231	199,013	-	-	-	5,305	204,318	80,821	1,077	5,289	-	-	-	291,505
NEW HAMPSHIRE	169,947	-	169,947	76,681	45,982	124,563	36,922	-	-	16,063	177,548	53,999	736	-	5,650	-	-	237,826
NEW JERSEY	2,307,564	353,121	2,660,785	422,236	255,051	677,287	376,002	60,393	-	295,764	1,413,446	381,239	3,717	-	258,078	19,327	-	2,075,867
NEW MEXICO	-	-	-	135,398	133,109	268,507	-	3,980	14,900	-	287,397	141,036	1,984	-	-	-	-	431,428
NEW YORK	221,197	105,083	326,280	520,232	424,344	944,576	629,786	76,061	76,673	163,673	1,721,769	620,800	9,368	-	-	400,183	-	2,749,220
NORTH CAROLINA	290,858	541	291,400	599,961	213,414	813,375	1,260	-	38,149	40,737	893,221	261,435	3,648	1,023	6,906	-	-	1,166,433
NORTH DAKOTA	32,212	-	32,212	64,099	36,821	100,920	-	-	3,586	335	104,851	72,325	1,187	4,942	4,056	-	-	167,371
OHIO	392,196	112,187	504,383	868,895	444,058	1,302,853	82,326	4,893	-	46,346	1,436,458	428,363	7,141	12,399	10,569	-	-	1,894,930
OKLAHOMA	75,575	55,907	132,482	301,524	95,552	397,076	50,925	-	26,550	45,979	520,530	214,210	2,303	5,757	-	400,373	145,552	1,288,725
OREGON	174,529	-	174,529	215,624	189,152	384,776	2,204	12,944	-	18,378	418,302	132,359	84,146	3,751	4,994	-	-	643,552
PENNSYLVANIA	1,074,133	62,740	1,136,873	989,489	556,085	1,555,574	279,592	-	132,641	1,987,807	848,297	7,753	3,518	11,728	352,697	117,783	-	3,309,571
RHODE ISLAND	88,604	-3,182	85,422	59,744	20,923	80,667	-	-	-	990	90,592	120,911	1,412	-	-	-	-	242,782
SOUTH CAROLINA	172,633	-	172,633	331,539	70,196	401,735	-	-	-	5,360	407,095	198,660	3,332	84	12	-	-	607,183
SOUTH DAKOTA	28,761	-	28,761	77,424	29,829	107,053	-	93	24,382	4,336	136,854	98,475	1,444	-	-	-	-	258,269
TENNESSEE	49,495	-	49,495	542,679	143,069	685,748	-	42	32,526	39,522	7,051	244,500	2,753	6,847	6,547	-	-	1,025,546
TEXAS	543,321	26,043	569,364	1,012,963	645,957	1,658,920	36,098	-	26,829	108,225	1,829,872	933,516	11,656	16,446	23,355	-	-	3,039,582
UTAH	8,931	-	8,931	159,695	29,366	189,061	-	16,086	-	2,405	207,552	168,548	61,657	1,400	1,900	-	-	441,057
VERMONT 5/	337,861	7,513	345,374	599,895	369,161	969,056	95,699	71,218	193,645	42,767	1,373,375	322,413	2,578	39,757	14,313	216,559	6,376	1,975,371
VIRGINIA	218,304	52,349	270,653	413,820	201,800	615,620	62,243	-	-	28,932	706,795	347,965	32,517	-	-	70,349	-	1,180,372
WEST VIRGINIA	180,369	32,599	212,968	135,108	155,934	291,042	38,558	20,595	61,427	11,791	423,413	105,616	2,735	18,101	83	-	-	532,847
WISCONSIN	301,916	101,374	403,289	464,565	137,263	601,829	-	-	-	20,385	630,214	255,601	2,277	13,779	49,287	2,013	-	971,272
WYOMING	67,732	-	67,732	36,452	34,545	70,997	-	192	34,984	14,746	120,919	74,164	56,331	1,121	3,196	-	-	255,721
TOTAL 6/	13,221,345	1,890,187	15,111,532	16,992,614	9,267,587	26,260,201	2,500,162	1,521,655	1,450,788	2,088,004	33,820,910	13,185,243	434,875	500,285	254,736	2,804,809	895,956	51,896,714

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 DF1), AND (2) ALL OTHER NET RECEIPTS AND DISBURSEMENTS BY THE STATE FOR HIGHWAYS.
2/ ANY DIFFERENCES BETWEEN BEGINNING BALANCES AND PREVIOUS YEAR'S 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, MV-3, AND DF, RESPECTIVELY.
4/ TOLL RECEIPTS USED FOR NONHIGHWAY PURPOSES HAVE BEEN OMITTED FROM TABLES SF-1 AND 2. FOR ADDITIONAL DETAIL, SEE TABLES SF-3B AND 4B.
5/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPROPRIATIONS FOR HIGHWAYS OUT OF STATE GENERAL FUNDS APPEAR IN TABLE DF.
6/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

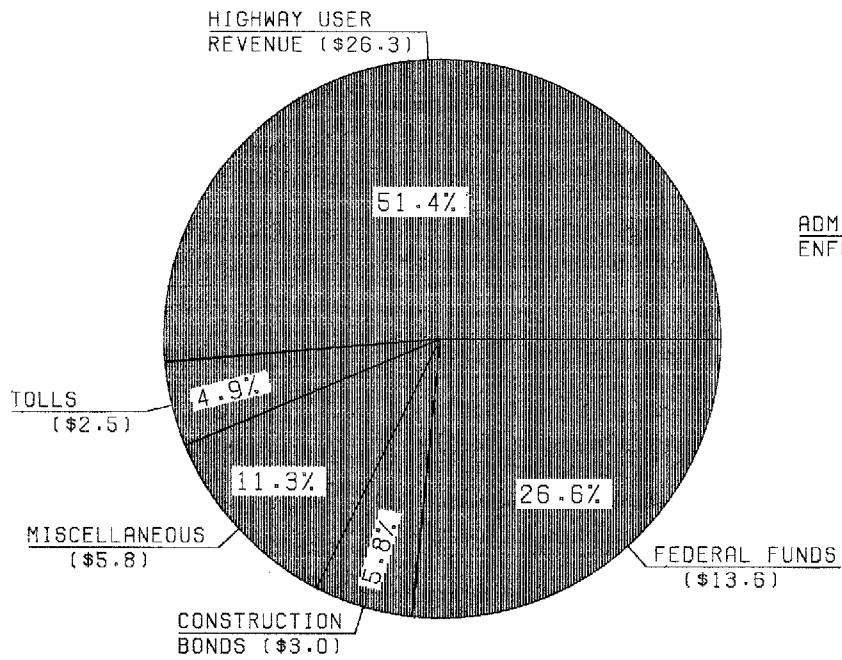
DISBURSEMENTS FROM STATE HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS - SUMMARY - 1989

TABLE SF-2 FOR GENERAL NOTE ON SF SERIES TABLES 1 AND 2. SUMMARIZE THE RECEIPTS AND DISBURSEMENTS BY THE STATES. REVENUE ALLOCATED FOR HIGHWAY PURPOSES, AND (2) ALL OTHER RECEIPTS AND DISBURSEMENTS BY THE STATES FOR HIGHWAYS. EXPENDITURES FOR COUNTY ROADS UNDER STATE CONTROL IN ALL TEN COUNTIES, DE, NC, VA FALL BUT THO

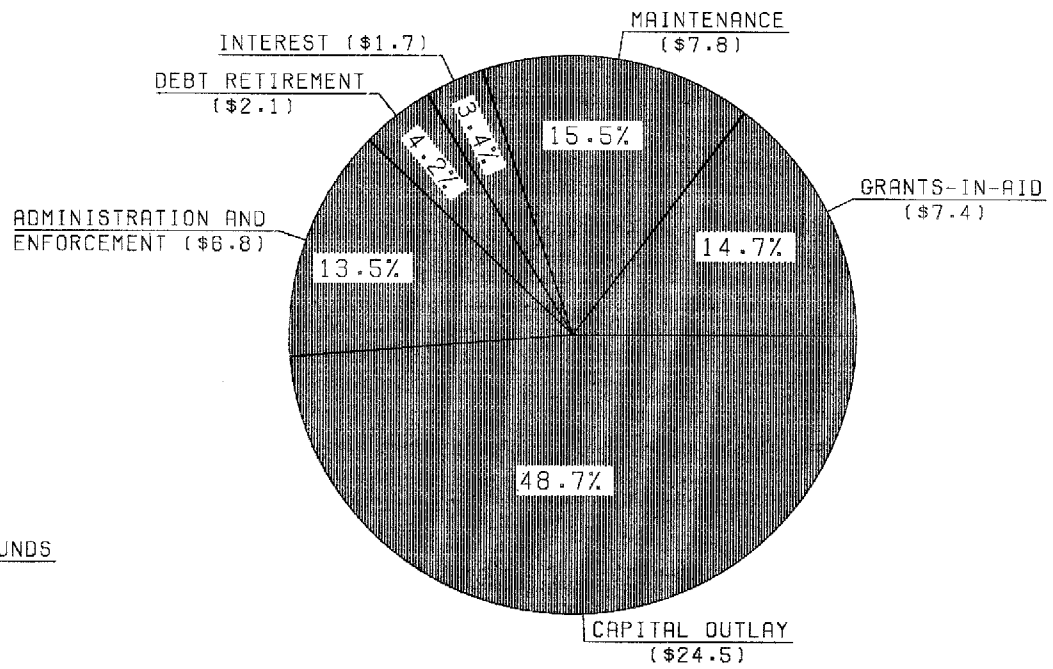
STATE	CAPITAL OUTLAY FOR ROADS AND BRIDGES				MAINTENANCE AND TRAFFIC SERVICES				HIGHWAY LAW ENFORCEMENT AND SAFETY				BOND INVESTMENT	GRANTS-IN-AID TO LOCAL GOVERNMENTS	SUBSTATEL CURRENT EXPENDITURES	BOND RETIREMENT	TOTAL DISBURSEMENTS	BALANCES END OF YEAR	
	STATE-ADMIN-HIGHWAYS	COUNTY AND SHIP ROADS	LOCAL MUNICIPAL STREETS	TOTAL	STATE-ADMIN-HIGHWAYS	COUNTY AND SHIP ROADS	LOCAL MUNICIPAL STREETS	TOTAL	HIGHWAY LAW ENFORCEMENT AND SAFETY	BOND INVESTMENT	GRANTS-IN-AID TO LOCAL GOVERNMENTS	SUBSTATEL CURRENT EXPENDITURES						BOND RETIREMENT	RESERVES CURRENT HIGHWAY WORK
ALABAMA	440,581	-	519	440,581	135,280	-	-	135,280	39,603	13,829	180,232	853,982	93,875	150,291	947,867	-	150,291	-	150,291
ALASKA	172,627	280	-	172,627	173,426	-	-	173,426	29,909	7,232	47,553	384,332	27,947	412,339	412,339	-	412,339	-	412,339
ARIZONA	528,087	7,551	-	535,638	53,815	-	-	53,815	44,470	57,621	328,727	1,070,750	40,360	438,085	1,440,397	14,943	438,085	14,943	453,028
ARKANSAS	195,902	6,912	2,570	205,384	97,541	-	-	97,541	14,371	-	32,427	440,497	-	46,127	461,277	-	46,127	-	461,277
CALIFORNIA	1,489,016	24,712	37,058	1,549,786	504,783	-	-	504,783	282,272	6,325	788,327	3,700,939	3,445	530,255	5,304,384	4,385	530,255	4,385	534,640
COLORADO	729,200	19,668	27,252	776,120	192,504	-	-	192,504	31,332	91,684	29,891	614,883	123,181	451,688	535,547	-	451,688	-	535,547
CONNECTICUT	146,269	-	-	146,269	35,953	-	-	35,953	26,597	33,543	3,000	1,046,548	190,654	181,958	1,459,150	7,361	181,958	7,361	1,466,511
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	1,097,298	5,120	2,481	1,104,899	206,452	-	-	206,452	57,590	108,721	244,135	1,853,166	274,802	557,592	2,422,264	218,082	557,592	218,082	775,674
GEORGIA	641,876	6,209	-	648,085	189,988	-	-	189,988	18,375	16,200	31,109	2,077,439	19,466	1,140,468	1,140,468	-	1,140,468	-	1,140,468
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	118,213	12,871	-	131,084	45,755	-	-	45,755	14,825	19,032	57,082	268,888	-	24,448	268,888	-	24,448	-	268,888
ILLINOIS	1,206,232	8,954	-	1,215,186	267,022	-	-	267,022	27,359	42,776	285,221	1,086,191	1,150	890,133	1,087,341	51,447	890,133	51,447	938,788
INDIANA	396,451	7,245	-	403,696	236,036	-	-	236,036	88,194	41,849	296,052	830,241	-	69,419	899,660	-	69,419	-	899,660
IOWA	281,464	-	-	281,464	112,682	-	-	112,682	-	-	-	-	-	-	-	-	-	-	-
KANSAS	225,322	19,541	29,311	274,174	77,036	-	10	77,046	54,397	19,689	84,563	599,429	11,869	439,002	551,270	74,776	439,002	74,776	526,046
KENTUCKY	409,717	32,864	10,695	453,276	142,872	-	25	142,897	52,786	72,403	125,189	765,424	341,337	52,073	817,507	17,340	52,073	17,340	834,847
LOUISIANA	445,365	3,735	-	449,100	92,419	-	-	92,419	14,509	8,042	21,031	267,784	12,740	150,513	280,534	-	150,513	-	280,534
MAINE	195,782	-	-	195,782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	739,895	2,044	71,735	813,674	139,385	-	68	139,453	73,913	109,605	383,535	1,477,126	13,497	1,490,623	1,490,623	51,166	1,490,623	51,166	1,541,789
MASSACHUSETTS	239,880	17,691	-	257,571	134,436	-	-	134,436	44,328	96,719	84,828	861,291	57,186	958,477	958,477	86,040	958,477	86,040	1,044,517
MICHIGAN	484,183	-	-	484,183	128,616	-	-	128,616	151,689	11,570	562,145	1,433,856	-	145,745	1,579,601	38,013	1,579,601	38,013	1,617,614
MINNESOTA	527,512	49,350	16,450	593,312	593,112	-	-	593,112	44,654	55,328	282,468	1,104,101	14,650	657,648	1,118,751	-	657,648	-	1,118,751
MISSISSIPPI	229,102	102,614	6,481	338,197	53,535	-	-	53,535	26,421	38,650	54,745	527,480	15,850	173,203	643,683	107,844	173,203	107,844	746,527
MISSOURI	327,555	14,952	1,865	344,372	150,500	-	-	150,500	90,177	13,014	103,191	862,984	-	127,131	990,115	-	127,131	-	1,117,246
NEBRASKA	199,731	5,910	7,484	213,125	46,507	-	16	46,523	46,823	22,716	129,389	413,196	1,000	141,873	415,169	-	141,873	-	415,169
NEVADA	186,119	-	-	186,119	50,908	-	-	50,908	12,337	23,002	37,755	313,195	15,760	328,955	328,955	-	328,955	-	328,955
NEW HAMPSHIRE	80,839	317	4,420	85,576	87,428	-	-	87,428	45,292	16,433	61,725	267,115	11,166	278,281	278,281	-	278,281	-	278,281
NEW JERSEY	820,210	30,210	64,321	914,841	275,117	-	-	275,117	168,009	194,403	282,468	1,433,856	-	145,745	1,579,601	38,013	1,579,601	38,013	1,617,614
NEW MEXICO	259,325	1,174	-	260,499	86,011	-	-	86,011	44,801	16,771	38,344	421,343	4,085	431,428	431,428	-	431,428	-	431,428
NEW YORK	1,396,396	74,413	79,485	1,550,294	552,985	-	-	552,985	139,173	141,351	220,006	2,538,204	162,514	2,700,718	2,700,718	109,741	2,700,718	109,741	2,810,459
NORTH CAROLINA	53,523	19,098	6,081	78,702	35,555	-	-	35,555	18,752	25,644	585,199	1,799,630	82,775	412,325	1,882,005	-	412,325	-	1,882,005
NORTH DAKOTA	20,077	20,077	-	40,154	264,142	-	-	264,142	190,190	109,406	585,199	1,799,630	82,775	412,325	1,882,005	-	412,325	-	1,882,005
OHIO	555,997	-	-	555,997	625,049	-	-	625,049	625,049	25,644	585,199	1,799,630	82,775	412,325	1,882,005	-	412,325	-	1,882,005
OKLAHOMA	254,203	41,228	-	295,431	102,778	-	-	102,778	44,826	35,693	138,414	701,655	175,858	486,110	677,963	57,585	486,110	57,585	544,548
OREGON	242,131	30,000	20,000	292,131	112,345	-	-	112,345	29,236	2,547	217,488	690,993	295,690	2,980,556	3,276,244	94,986	2,980,556	94,986	3,371,230
PENNSYLVANIA	1,282,889	-	-	1,282,889	672,019	-	-	672,019	16,255	167,782	203,990	1,959,716	15,816	1,115,488	2,075,204	-	1,115,488	-	2,075,204
RHODE ISLAND	156,660	-	-	156,660	12,327	-	-	12,327	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	289,506	16,639	5,590	311,735	153,870	-	-	153,870	35,283	54,107	18,809	550,723	-	229,093	550,723	-	229,093	-	550,723
SOUTH DAKOTA	123,308	34,171	-	157,479	34,171	-	-	34,171	24,023	16,330	19,992	217,624	49,196	18,997	236,620	-	18,997	-	236,620
TENNESSEE	446,303	68,332	2,770	517,405	176,942	-	-	176,942	77,763	57,702	216,017	1,047,324	6,820	187,657	1,054,181	-	187,657	-	1,054,181
TEXAS	2,013,069	203	650	2,013,922	442,370	-	-	442,370	286,679	119,401	80,679	2,953,950	225,351	369,973	3,323,923	39,773	369,973	39,773	3,363,696
UTAH	268,796	4,800	6,300	279,896	55,225	-	-	55,225	23,412	27,094	53,380	439,007	-	10,981	439,007	-	10,981	-	439,007
VERMONT	893,595	-	-	893,595	482,774	-	-	482,774	84,018	108,544	185,716	1,764,537	14,047	535,925	1,800,462	6,234	535,925	6,234	1,806,696
WASHINGTON	419,215	1,461	1,371	422,047	159,175	-	104	159,279	71,732	88,691	231,253	1,036,474	61,670	303,336	1,098,114	49,547	303,336	49,547	1,147,661
WEST CAROLINA	219,731	99,894	31,205	350,830	154,185	-	-	154,185	38,965	20,474	218,562	467,141	79,762	150,880	48,031	150,880	48,031	198,911	
WEST VIRGINIA	404,068	475,167	7,684	886,919	475,167	-	-	475,167	55,037	41,371	96,408	937,183	73,403	304,557	941,636	59,418	304,557	59,418	941,636
WISCONSIN	142,060	7,129	-	149,189	156,873	-	-	156,873	56,826	12,430	9,828	253,349	-	70,102	253,349	-	70,102	-	253,349
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	22,985,538	780,445	688,334	24,454,317	7,761,025	30,593	42,579	7,834,197	3,251,103	3,539,679	7,434,357	46,200,076	2,929,724	13,854,509	51,129,600	2,023,937	13,854,509	2,023,937	15,878,446

SEE TABLE SF-2 FOR GENERAL NOTE ON SF SERIES TABLES 1 AND 2. SUMMARIZE THE RECEIPTS AND DISBURSEMENTS BY THE STATES. REVENUE ALLOCATED FOR HIGHWAY PURPOSES, AND (2) ALL OTHER RECEIPTS AND DISBURSEMENTS BY THE STATES FOR HIGHWAYS. EXPENDITURES FOR COUNTY ROADS UNDER STATE CONTROL IN ALL TEN COUNTIES, DE, NC, VA FALL BUT THO

STATE RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS 1989 (BILLIONS OF DOLLARS)



RECEIPTS



DISBURSEMENTS

RECEIPTS FOR STATE-ADMINISTERED HIGHWAYS - 1989

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-3
OCTOBER 1990

STATE	BALANCE BEGINNING OF YEAR 2/			CURRENT STATE INCOME 4/								PAYMENTS FROM OTHER GOVERNMENTS				ISSUE OF BONDS		TOTAL RECEIPTS	
	RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL	HIGHWAY-USER REVENUES 3/			ROAD AND CROSSING TOLLS	APPROPRIATIONS FROM GENERAL FUNDS	OTHER STATE IMPOSTS 5/	MISCELLANEOUS RECEIPTS	TOTAL	FEDERAL FUNDS		FROM COUNTIES AND TOWNSHIPS	FROM MUNICIPALITIES	FOR CAPITAL OUTLAY	FOR DEBT SERVICE INCLUDING REFUNDING		
				MOTOR-FUEL TAXES	MOTOR-VEHICLE AND MOTOR-CARRIER TAXES	TOTAL						FEDERAL HIGHWAY ADMINISTRATION	OTHER AGENCIES						
ALABAMA	209,147	-	209,147	161,236	99,621	260,857	-	58,633	63,694	-	8,364	391,548	301,164	1,866	-	-	-	14,200	708,778
ALASKA	-	-	-	15,735	18,384	38,117	-	100,838	20,088	-	173,394	185,634	469	-	-	-	-	-	353,397
ARIZONA	493,254	22,866	516,119	143,118	74,898	217,816	14,351	31,350	103,556	-	59,900	412,622	174,947	7,931	96,748	2,287	-	-	694,533
ARKANSAS	12,112	-	12,112	136,293	81,911	218,204	-	4,056	-	-	16,774	239,034	109,642	1,217	-	-	-	-	349,899
CALIFORNIA	1,065,960	4,165	1,070,125	331,337	720,311	1,051,648	92,730	-	-	-	194,215	1,338,593	942,234	7,720	15,778	14,467	-	-	2,318,792
COLORADO	45,741	-	45,741	182,458	40,153	222,611	-	-	15	-	18,201	240,827	182,121	1,607	1,147	-	-	-	425,702
CONNECTICUT	462,523	-	462,523	247,930	128,746	376,676	2,150	-	-	-	68,447	447,273	368,610	2,936	-	-	308,952	1,044	1,128,815
DELAWARE	176,273	21,618	197,891	63,654	40,635	104,289	56,592	61,254	-	-	17,820	239,955	52,441	494	-	-	-	153,340	446,230
FLORIDA	345,246	282,734	627,980	338,509	285,114	623,623	182,605	-	42,624	-	116,022	964,874	516,384	3,790	164,779	-	-	298,526	1,973,947
GEORGIA	93,471	-	93,471	292,947	57,187	350,134	1,355	145,462	101,430	-	68,661	667,042	394,686	2,942	-	-	-	-	1,064,689
HAWAII	88,959	-	88,959	32,225	17,066	49,291	-	35,185	16,854	-	3,014	104,344	63,734	476	-	-	12,744	5,481	206,781
IDaho	25,784	-	25,784	59,162	34,563	93,825	-	-	-	-	382	94,187	102,329	973	-	-	-	-	197,489
ILLINOIS	867,666	78,983	946,649	437,250	456,294	893,550	212,781	103,522	36,182	-	84,965	1,331,020	581,611	5,655	-	-	64,954	31,700	2,014,840
INDIANA	296,634	52,368	349,002	264,004	75,913	340,007	53,721	-	112	-	64,719	253,765	4,232	-	1,191	-	19,558	-	735,325
IOHA	52,314	-	52,314	147,591	95,599	243,290	-	-	71,638	-	2,237	317,155	195,549	4,745	2,750	-	-	-	522,715
KANSAS	99,839	77,733	177,572	116,161	55,979	172,140	36,914	23,641	63,496	-	15,728	311,919	122,553	1,720	153	-	-	-	438,194
KENTUCKY	478,205	199,954	678,159	245,599	299,360	544,959	18,774	33,064	1,815	-	64,100	662,712	150,383	1,657	-	-	-	-	814,762
LOUISIANA	3,774	9,404	13,178	341,463	64,742	406,205	17,169	421,365	-	-	1,442	846,181	255,082	1,273	-	-	-	-	1,102,536
MARINE	136,991	1,325	138,316	104,771	38,549	143,320	37,105	1,440	-	-	9,399	191,264	58,710	1,990	-	-	16,000	-	267,864
MARYLAND	96,753	31,291	128,044	286,466	231,722	518,188	43,815	-	-	-	23,008	585,011	450,140	898	-	-	-	-	1,036,049
MASSACHUSETTS	76,773	24,476	101,249	161,024	187,097	348,121	114,605	-	30,060	-	43,256	536,043	152,152	1,110	-	-	142,528	-	831,833
MICHIGAN	322,427	1,015	323,442	249,978	159,163	409,141	11,902	100,748	-	-	28,043	549,834	293,614	4,509	25,318	437	130,727	9,254	1,003,693
MINNESOTA	204,399	37,803	242,192	265,077	192,667	457,744	-	27,344	33,640	-	35,278	554,006	239,035	3,579	-	-	24,393	-	823,024
MISSISSIPPI	93,602	105,128	198,730	214,436	48,246	262,682	-	3,545	6,420	-	20,908	293,556	123,961	1,251	408	30	-	-	419,206
MISSOURI	8,147	-	8,147	265,089	146,163	411,252	-	-	91,447	-	4,600	507,309	214,781	2,823	964	328	-	-	726,205
MONTANA	137,442	-	137,442	82,827	30,235	113,062	-	-	11,376	-	4,447	128,895	72,244	703	-	-	-	-	120,314
NEBRASKA	110,744	280	111,024	113,552	30,054	143,606	-	12,054	34,329	-	8,527	198,519	96,675	2,460	11	3,776	-	-	301,438
NEVADA	44,815	-	44,815	101,218	60,231	161,449	-	-	5,305	-	5,305	166,754	80,821	887	5,285	-	-	-	253,751
NEW HAMPSHIRE	169,947	-	169,947	74,328	43,494	117,822	38,822	-	-	-	16,063	170,807	53,993	467	-	-	5,850	-	230,917
NEW JERSEY	2,307,664	353,121	2,660,785	405,140	242,142	646,282	376,002	60,393	-	-	299,764	1,384,441	305,514	3,717	-	-	258,078	19,327	1,971,077
NEW MEXICO	-	-	-	123,960	107,144	231,094	-	-	3,980	-	14,900	249,974	141,035	701	-	-	-	-	391,710
NEW YORK	221,197	105,083	326,280	312,990	247,692	560,682	529,786	76,061	7,673	-	153,673	1,337,875	620,900	8,358	-	-	400,183	-	2,365,316
NORTH CAROLINA	280,859	541	291,400	549,513	197,189	746,702	1,250	-	38,149	-	40,737	825,848	261,435	3,548	1,023	5,977	-	-	1,097,831
NORTH DAKOTA	32,212	-	32,212	29,876	19,329	48,205	-	-	2,265	-	211	50,681	68,543	1,050	-	-	-	-	120,314
OHIO	392,195	112,187	504,383	597,448	74,307	671,756	82,326	4,833	-	-	46,346	805,251	428,363	7,055	-	-	-	-	1,240,679
OKLAHOMA	8,554	55,907	64,461	194,141	54,700	248,841	50,925	-	-	-	45,979	348,550	187,638	1,702	3,794	-	400,373	145,552	1,087,609
OREGON	174,523	-	174,523	113,850	91,826	205,676	2,204	12,944	-	-	18,378	239,002	132,359	2,058	-	-	-	-	373,429
PENNSYLVANIA	1,074,133	82,740	1,156,873	820,956	507,551	1,328,507	275,592	-	-	-	132,641	1,748,740	818,394	5,086	3,518	11,726	352,597	117,783	3,049,944
RHODE ISLAND	88,504	-3,182	85,322	58,618	20,530	79,148	8,935	-	-	-	990	80,073	120,911	1,412	-	-	29,857	-	241,253
SOUTH CAROLINA	172,638	-	172,638	311,530	65,967	377,497	-	-	-	-	5,360	382,857	196,660	2,166	-	12	-	-	581,695
SOUTH DAKOTA	20,751	-	20,751	72,943	10,955	83,898	-	93	23,241	-	4,336	111,568	86,401	596	-	-	-	-	198,565
TENNESSEE	49,495	-	49,495	295,473	124,969	420,442	42	32,626	27,505	-	7,061	487,676	244,500	2,534	-	-	3,777	-	738,487
TEXAS	543,321	26,043	569,364	1,005,120	573,176	1,578,296	36,098	-	26,629	-	108,225	1,749,448	933,518	10,648	16,446	-	-	225,707	2,858,130
UTAH	8,931	-	8,931	115,146	23,432	138,578	-	13,105	-	-	2,408	154,088	168,205	54,284	-	-	-	-	376,577
VERMONT 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	337,861	7,513	345,374	495,187	308,366	803,553	98,699	71,218	193,645	-	42,757	1,207,872	322,413	2,385	39,757	14,313	218,559	6,376	1,809,655
WASHINGTON	191,393	-	191,393	217,633	198,012	415,645	52,243	-	-	-	27,395	505,238	307,288	8,680	-	-	70,349	-	914,327
WEST VIRGINIA	180,369	32,599	212,968	135,108	155,934	291,042	36,558	20,595	61,427	-	11,791	423,413	106,616	2,735	-	83	-	-	532,847
WISCONSIN	301,915	101,374	403,289	299,891	93,970	393,861	-	-	192	-	28,385	412,046	216,382	1,893	-	-	49,287	2,013	881,621
WYOMING	53,071	-	53,071	18,928	28,624	47,552	-	-	34,984	-	14,570	97,298	74,154	51,629	1,121	3,196	-	-	227,398
TOTAL 6/	12,656,308	1,857,397	14,513,705	11,641,684	6,969,812	18,601,498	2,500,182	1,455,582	1,131,191	2,035,817	25,724,228	12,540,216	242,259	379,193	138,042	2,753,824	780,122	-	42,657,864

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-3 AND 4 ARE CONCERNED SOLELY WITH RECEIPTS AND DISBURSEMENTS FOR STATE-ADMINISTERED ROADS AND BRIDGES. IN ADDITION TO THE RECEIPTS AND DISBURSEMENTS OF THE STATE HIGHWAY DEPARTMENT FOR PRIMARY AND SECONDARY STATE HIGHWAYS AND COUNTY ROADS UNDER STATE CONTROL, THESE TABLES ALSO INCLUDE STATE HIGHWAY DEBT SERVICE TRANSACTIONS AND THE RECEIPTS AND DISBURSEMENTS FOR ROADS AND BRIDGES OF OTHER STATE AGENCIES, SUCH AS STATE PARK BOARDS AND SPECIAL STATE AND QUASI-STATE TOLL AUTHORITIES.

2/ ANY DIFFERENCES BETWEEN BEGINNING BALANCES AND PREVIOUS YEAR'S 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 TOTALS FOR STATE HIGHWAY PURPOSES ON TABLES MF-3, MV-3, AND DF, RESPECTIVELY.

4/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPROPRIATIONS OUT OF THE STATE GENERAL FUNDS APPEAR IN TABLE DF.

5/ INCLUDES LUBRICATING OIL TAX; SALES AND USE TAX; OIL ROYALTIES; MINERAL LEASES; USE (SALES) TAX ON MOTOR VEHICLES; INSPECTION FEES ON NONHIGHWAY FUEL USE; GROSS RECEIPTS TAX ON MOTOR CARRIERS; CIGARETTE TAX; SPECIAL FUELS TAX; AND NONHIGHWAY FUEL USE.

6/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS - 1989¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-4
OCTOBER 1990

STATE	CAPITAL OUTLAY FOR ROADS AND BRIDGES 2/	MAINTENANCE AND TRAFFIC SERVICES 2/	ADMINISTRATION AND MISCELLANEOUS 2/	HIGHWAY LAW ENFORCEMENT AND SAFETY	BOND INTEREST	SUBTOTAL CURRENT EXPENDITURES	BOND RETIREMENT 3/	TOTAL DISBURSEMENTS	BALANCES END OF YEAR			STATE
									RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL	
ALABAMA	440,581	135,280	44,467	39,603	13,829	673,760	93,875	767,635	150,291	-	150,291	ALABAMA
ALASKA	172,627	119,304	28,909	7,968	6,391	335,199	24,199	359,398	-	-	-	ALASKA
ARIZONA	526,087	53,815	44,292	50,700	57,621	734,515	40,360	774,876	420,832	14,943	435,775	ARIZONA
ARKANSAS	196,902	97,541	14,371	28,934	-	336,748	-	336,748	25,257	-	25,257	ARKANSAS
CALIFORNIA	1,488,016	504,753	282,772	568,966	6,325	2,850,832	3,445	2,854,277	530,255	4,385	534,640	CALIFORNIA
COLORADO	251,229	108,201	17,882	40,584	-	417,896	-	417,896	53,547	-	53,547	COLORADO
CONNECTICUT	779,200	72,504	31,332	41,527	91,884	1,016,447	123,191	1,139,638	451,698	-	451,698	CONNECTICUT
DELAWARE	146,269	33,953	26,597	33,543	23,797	264,149	190,654	454,803	181,958	7,361	189,319	DELAWARE
FLORIDA	1,097,298	208,452	57,590	141,314	108,721	1,611,375	214,879	1,826,254	557,592	218,082	775,674	FLORIDA
GEORGIA	641,876	189,988	71,793	80,403	45,451	1,029,511	74,402	1,103,913	54,226	-	54,226	GEORGIA
HAWAII	124,264	16,358	18,375	1,685	10,200	170,882	19,466	190,349	105,432	-	105,432	HAWAII
IDAHO	119,213	45,765	14,825	19,032	-	198,835	-	198,835	24,448	-	24,448	IDAHO
ILLINOIS	1,206,662	267,022	146,637	167,462	85,320	1,873,103	109,015	1,982,117	890,133	79,319	969,452	ILLINOIS
INDIANA	386,451	235,036	27,097	42,776	32,472	724,832	1,150	725,981	296,899	51,448	348,347	INDIANA
IOWA	291,464	112,682	88,194	41,849	-	534,189	-	534,189	40,841	-	40,841	IOWA
KANSAS	225,322	77,036	54,397	29,570	19,689	406,014	11,850	417,864	123,128	74,775	197,903	KANSAS
KENTUCKY	409,717	142,872	49,787	75,466	84,009	761,851	52,683	814,535	439,019	239,368	678,387	KENTUCKY
LOUISIANA	445,955	48,433	58,361	81,592	71,573	705,914	339,786	1,045,700	52,073	17,940	70,013	LOUISIANA
MAINE	109,782	92,419	14,509	18,276	8,042	243,028	12,740	255,768	150,513	-	150,513	MAINE
MARYLAND	739,695	139,385	73,913	109,605	17,022	1,079,620	1,962	1,081,583	51,166	31,344	82,510	MARYLAND
MASSACHUSETTS	299,880	134,436	111,603	84,399	96,719	727,037	97,186	824,223	86,040	22,818	108,858	MASSACHUSETTS
MICHIGAN	464,183	128,616	151,689	111,753	7,576	863,817	8,180	871,997	324,079	131,060	455,139	MICHIGAN
MINNESOTA	527,312	119,101	44,654	55,928	8,818	755,813	1,650	757,463	256,742	38,013	294,755	MINNESOTA
MISSISSIPPI	228,102	53,935	26,281	38,650	14,678	361,446	12,304	373,750	138,543	105,644	244,187	MISSISSIPPI
MISSOURI	327,556	195,307	90,572	78,740	-	692,175	-	692,175	42,176	-	42,176	MISSOURI
MONTANA	140,553	40,456	8,078	13,014	10,041	212,142	-	212,142	127,131	-	127,131	MONTANA
NEBRASKA	189,731	46,307	10,190	22,716	57	269,591	1,000	270,591	141,859	14	141,873	NEBRASKA
NEVADA	186,119	50,908	12,337	23,002	3,074	275,440	15,760	291,198	7,365	-	7,365	NEVADA
NEW HAMPSHIRE	80,839	87,428	43,603	31,803	16,434	260,107	11,166	271,273	129,593	-	129,593	NEW HAMPSHIRE
NEW JERSEY	820,080	275,117	168,009	194,403	292,454	1,750,063	147,108	1,897,170	2,347,470	387,221	2,734,691	NEW JERSEY
NEW MEXICO	259,325	65,011	44,801	16,771	717	387,625	4,085	391,710	-	-	-	NEW MEXICO
NEW YORK	1,396,396	452,885	133,173	141,351	40,595	2,164,400	152,514	2,316,915	264,937	109,742	374,679	NEW YORK
NORTH CAROLINA	518,990	373,818	86,859	113,292	12,542	1,105,601	26,765	1,132,367	256,863	-	256,863	NORTH CAROLINA
NORTH DAKOTA	63,523	35,555	12,367	9,152	-	120,597	-	120,597	31,929	-	31,929	NORTH DAKOTA
OHIO	555,997	264,142	190,190	109,406	25,644	1,145,379	82,775	1,228,154	412,325	104,583	516,908	OHIO
OKLAHOMA	254,203	102,778	70,135	44,826	35,683	507,625	175,858	683,483	411,002	57,585	468,587	OKLAHOMA
OREGON	242,131	112,343	27,236	35,673	2,547	419,930	9,280	429,210	118,748	-	118,748	OREGON
PENNSYLVANIA	1,282,829	667,019	95,531	227,468	162,425	2,435,272	295,698	2,730,970	1,360,862	94,986	1,455,848	PENNSYLVANIA
RHODE ISLAND	156,680	12,327	10,255	11,154	7,783	198,199	15,817	214,015	115,488	-2,818	112,670	RHODE ISLAND
SOUTH CAROLINA	280,976	153,870	36,283	54,107	-	525,236	-	525,236	229,093	-	229,093	SOUTH CAROLINA
SOUTH DAKOTA	103,596	34,171	24,023	16,330	-	178,120	-	178,120	49,196	-	49,196	SOUTH DAKOTA
TENNESSEE	446,303	176,942	77,763	57,702	2,055	760,765	8,820	769,585	18,397	-	18,397	TENNESSEE
TEXAS	2,013,069	442,370	286,679	119,401	10,899	2,872,418	225,331	3,097,748	389,974	39,773	429,747	TEXAS
UTAH	268,796	55,225	23,412	27,094	-	374,527	-	374,527	10,981	-	10,981	UTAH
VERMONT 4/	-	-	-	-	-	-	-	-	-	-	-	VERMONT 4/
VIRGINIA	893,695	482,774	84,018	108,544	29,791	1,598,822	14,047	1,612,869	535,925	6,234	542,159	VIRGINIA
WASHINGTON	419,215	159,175	68,691	88,691	48,837	784,592	48,203	832,795	275,366	49,548	324,914	WASHINGTON
WEST VIRGINIA	219,731	154,185	38,965	20,474	33,785	467,140	79,762	546,901	150,880	48,031	198,911	WEST VIRGINIA
WISCONSIN	404,068	126,628	55,097	41,371	20,368	647,532	73,403	720,934	304,557	59,418	363,975	WISCONSIN
WYOMING	142,060	56,697	17,392	12,430	-	228,579	-	228,579	51,889	-	51,889	WYOMING
TOTAL 4/	22,986,538	7,761,025	3,215,959	3,530,400	1,565,768	39,058,690	2,833,369	41,892,057	13,188,718	1,990,817	15,179,535	TOTAL 4/

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-3 AND 4 ARE CONCERNED SOLELY WITH RECEIPTS AND DISBURSEMENTS FOR STATE-ADMINISTERED ROADS AND BRIDGES. SEE GENERAL NOTE ON TABLE SF-3 FOR EXTENT OF COVERAGE.
2/ THE CLASSIFICATION OF ADMINISTRATION AND MISCELLANEOUS EXPENDITURES IS NOT UNIFORM FOR ALL STATES BECAUSE OF INDETERMINATE AMOUNTS CHARGED TO CONSTRUCTION AND

MAINTENANCE. FOR THIS ANALYSIS, UNDISTRIBUTED EQUIPMENT EXPENDITURES ARE INCLUDED WITH CONSTRUCTION AND MAINTENANCE EXPENDITURES ON A PRO RATA BASIS. PRELIMINARY AND CONSTRUCTION ENGINEERING EXPENDITURES ARE INCLUDED WITH CAPITAL OUTLAY.
3/ INCLUDES REDEMPTION BY REFUNDING. SEE TABLE SB-2 FOR STATES AND AMOUNTS.
4/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS - 1989
CLASSIFIED BY FUNCTION

TABLE SF-4C
OCTOBER 1990

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	CAPITAL OUTLAY Z/			PHYSICAL MAINTENANCE			TRAFFIC SERVICE			ADMINISTRATION AND RESEARCH					HIGHWAY LAW ENFORCEMENT AND SAFETY				
	ACQUISITION OF RIGHT-OF-WAY	PRELIMINARY MARKING AND CONSTRUCTION ENGINEERING	HIGHWAY CONSTRUCTION	TOTAL	FACILITY	STRUCTURES	SIGN REPAIR AND SANDING	TRAFFIC CONTROL SERVICE FACILITIES	TOLL FACILITY COLLECTION	TOTAL	GENERAL ADMINISTRATION ENGINEERING	RESEARCH INVESTIGATION PLANNING	OTHER 3/	TOTAL	TRAFFIC SUPERVISION	DRIVER EDUCATION SAFETY	VEHICLE INSPECTION OTHER	TOTAL	
																			RESEARCH INVESTIGATION PLANNING
ALABAMA	65,387	22,029	353,165	440,581	126,441	3,867	552	4,420	-	135,280	38,687	5,780	-	44,467	31,478	8,125	-	39,603	
ALASKA	17,621	48,423	106,582	172,626	62,030	3,887	24,735	3,887	-	119,504	38,687	4,457	-	28,909	5,081	2,005	883	30,603	
ARIZONA	156,130	68,731	301,226	528,087	39,515	4,128	9,893	4,128	-	53,815	39,831	3,469	-	47,292	18,057	15,786	1,522	65,085	
ARKANSAS	10,421	28,750	156,751	195,922	77,431	2,175	4,052	13,883	-	97,541	10,868	-	16	14,371	-	1,355	-	28,934	
CALIFORNIA	249,557	407,849	830,609	1,488,015	323,480	25,757	27,804	106,581	21,132	504,754	260,814	21,958	-	282,772	382,879	11,029	175,059	568,957	
COLORADO	64,388	174,059	251,229	489,676	66,051	2,625	23,318	16,195	-	109,200	14,133	3,749	-	17,882	35,189	1,853	40,564	141,314	
CONNECTICUT	27,772	44,285	124,265	196,322	17,592	1,666	9,866	642	1,593	22,504	26,069	5,224	-	31,533	40,432	1,075	41,507	80,404	
DELAWARE	26,643	23,077	98,533	148,253	12,722	2,683	1,866	-	12,873	31,583	23,350	1,235	-	20,557	20,442	6,475	26,917	33,543	
FLORIDA	128,985	200,821	767,781	1,097,587	132,936	12,725	3,618	8,697	52,093	206,451	42,276	15,314	-	57,590	105,551	8,866	26,897	141,314	
GEORGIA	22,772	44,285	124,265	196,322	17,592	1,666	9,866	642	1,593	22,504	26,069	5,224	-	31,533	40,432	1,075	41,507	80,404	
HAWAII	50,283	29,717	119,813	199,813	11,752	1,046	11,029	9,331	-	45,784	45,892	3,043	-	48,935	48,935	8,520	57,455	106,375	
IDAHO	8,258	15,813	95,142	119,213	2,355	1,046	11,029	9,331	-	45,784	45,892	3,043	-	48,935	48,935	8,520	57,455	106,375	
ILLINOIS	48,918	124,702	1,039,042	1,206,862	145,306	10,190	10,434	48,176	28,530	267,093	191,484	22,975	2,188	146,637	145,174	25,977	25,911	167,482	
INDIANA	17,463	347,953	386,451	809,291	208,291	12,852	10,434	14,705	6,659	236,056	15,180	10,917	-	26,097	34,114	7,328	3,300	41,442	
IOWA	12,114	22,365	256,955	291,464	83,828	2,705	11,444	14,705	9,973	92,418	79,632	8,249	313	88,153	22,079	14,828	4,948	107,927	
KANSAS	1,284	31,174	1,039,042	1,071,500	44,623	2,658	4,651	19,268	5,637	77,037	51,449	2,948	-	54,397	21,737	3,586	4,247	29,570	
KENTUCKY	18,171	58,586	332,981	409,738	106,110	7,972	5,916	16,779	6,155	142,872	42,609	1,723	-	44,332	32,494	2,861	40,110	75,485	
LOUISIANA	50,239	35,072	360,643	445,954	25,353	3,087	13,087	13,087	2,352	48,433	52,452	5,811	99	58,263	72,578	4,618	4,396	81,664	
MAINE	84,113	25,772	9,109	119,000	45,681	7,983	25,772	7,983	9,973	92,418	12,940	1,570	-	14,510	14,779	934	2,563	18,243	
MARYLAND	60,333	57,704	605,533	739,566	75,656	2,653	24,527	7,745	7,652	139,385	64,988	8,925	-	73,913	80,598	4,027	24,575	109,604	
MASSACHUSETTS	21,866	96,379	182,145	299,880	54,339	7,466	21,157	5,675	45,789	134,436	102,607	8,986	-	111,603	78,923	2,725	2,751	84,399	
MICHIGAN	35,207	169,090	464,183	668,480	81,295	10,715	29,900	5,901	1,814	129,616	130,181	4,331	17,177	151,689	17,222	13,719	11,753	173,151	
MINNESOTA	169,223	169,223	228,102	566,548	11,174	1,034	35,897	19,919	-	131,901	21,227	4,319	138	25,282	48,376	7,192	3,187	56,568	
MISSISSIPPI	26,525	34,348	169,223	229,096	4,174	1,034	35,897	19,919	-	131,901	21,227	4,319	138	25,282	48,376	7,192	3,187	56,568	
MISSOURI	23,912	42,802	280,795	347,507	132,419	8,594	27,598	26,757	-	195,307	79,166	12,416	-	90,572	68,546	2,609	7,586	78,740	
MONTANA	1,487	7,154	54,882	63,523	3,324	2,342	17,133	17,958	15,806	373,919	78,123	1,978	-	86,860	79,079	14,205	20,008	113,292	
NEBRASKA	8,257	22,365	256,955	291,464	83,828	2,705	11,444	14,705	9,973	92,418	12,940	1,570	-	14,510	14,779	934	2,563	18,243	
NEVADA	10,120	25,735	150,264	186,119	31,759	3,483	3,733	14,932	-	50,907	7,581	4,105	-	12,336	16,657	5,823	23,003	40,826	
NEW HAMPSHIRE	9,325	13,434	58,080	80,839	54,773	4,499	13,634	9,955	8,587	87,459	97,740	765	5,089	103,829	98,273	1,192	2,339	106,168	
NEW JERSEY	19,425	58,425	820,079	937,929	12,177	8,787	18,762	18,762	76,526	251,116	149,144	18,665	-	167,809	128,009	41,027	2,337	210,146	
NEW MEXICO	17,127	13,210	228,989	259,326	60,252	1,725	4,035	4,035	-	66,012	40,966	3,289	546	44,801	15,351	1,421	1,421	46,222	
NEW YORK	35,541	90,313	1,270,542	1,396,396	128,774	93,811	83,371	34,219	112,709	452,884	109,372	23,801	-	133,173	109,805	21,255	10,292	141,362	
NORTH CAROLINA	68,551	93,249	357,192	518,992	295,610	27,412	17,133	17,958	15,806	373,919	78,123	1,978	-	86,860	79,079	14,205	20,008	113,292	
NORTH DAKOTA	7,154	54,882	63,523	125,959	3,324	2,342	17,133	17,958	15,806	373,919	78,123	1,978	-	86,860	79,079	14,205	20,008	113,292	
OHIO	60,608	477,035	555,997	1,133,640	147,028	33,481	17,399	53,672	12,561	284,141	177,699	12,492	-	190,191	93,177	11,411	4,817	109,405	
OKLAHOMA	17,228	25,198	211,777	254,203	85,459	-	2,573	8,754	4,992	102,778	36,115	34,021	-	70,135	33,001	3,873	7,951	44,855	
OREGON	20,000	44,083	182,131	246,214	92,474	3,048	4,524	11,992	305	112,343	21,899	5,337	-	27,236	26,233	4,246	5,194	35,673	
PENNSYLVANIA	60,963	1,487	1,477,905	1,540,355	78,654	1,746	97,619	66,414	25,646	305,309	82,907	11,971	-	95,531	205,309	22,158	2,265	227,487	
RHODE ISLAND	24,448	47,381	205,147	277,056	10,574	3,176	2,913	20,628	810	137,670	31,513	4,341	-	36,252	47,589	3,112	3,007	51,165	
SOUTH CAROLINA	21,398	1,566,991	419,214	2,219,604	32,225	8,000	10,000	5,000	-	55,225	19,512	9,762	-	29,272	14,713	7,708	4,673	27,054	
SOUTH DAKOTA	34,568	95,619	103,955	234,146	123,015	3,742	4,854	4,560	-	34,171	20,736	2,758	-	24,023	13,886	568	1,876	16,330	
TENNESSEE	213,798	1,566,991	419,214	2,219,604	32,225	8,000	10,000	5,000	-	55,225	19,512	9,762	-	29,272	14,713	7,708	4,673	27,054	
TEXAS	2,000	40,000	226,796	268,796	32,225	8,000	10,000	5,000	-	55,225	19,512	9,762	-	29,272	14,713	7,708	4,673	27,054	
UTAH	1,568	95,619	103,955	234,146	123,015	3,742	4,854	4,560	-	34,171	20,736	2,758	-	24,023	13,886	568	1,876	16,330	
VIRGINIA	113,681	131,994	646,020	893,695	967,923	55,842	34,985	22,388	-	482,773	72,112	11,412	-	84,018	77,046	23,262	8,234	108,542	
WASHINGTON	12,855	75,426	330,927	418,214	41,663	21,395	13,927	12,592	-	159,175	60,534	6,139	-	68,673	65,816	10,569	12,306	88,661	
WEST VIRGINIA	13,182	193,694	219,731	412,607	112,895	17,483	18,891	18,891	-	154,185	36,580	2,374	-	38,954	13,429	1,446	5,600	20,475	
WISCONSIN	17,926	44,655	104,068	166,649	63,676	4,061	45,547	17,405	-	126,628	46,964	6,133	-	55,097	28,760	4,278	6,334	62,422	
WYOMING	1,783	22,377	117,907	142,067	32,572	4,061	9,510	10,154	-	56,697	12,777	3,279	-	17,992	4,818	1,166	6,445	12,429	
TOTAL 4/	1,936,054	3,039,631	18,009,854	22,985,539	4,921,484	633,452	782,975	865,374	537,737	7,761,022	2,778,064	397,181	40,718	3,215,953	2,605,160	346,280	578,951	3,530,401	

1/ THIS TABLE GIVES A FURTHER SEGREGATION OF EXPENDITURES SHOWN ON TABLE SF-4, EXCLUSIVE OF EXPENDITURES FOR CONSTRUCTION OF FACILITIES FOR THE OPERATION OF THE HIGHWAY SYSTEMS AND TABLE SF-12 FOR EXPENDITURES BY FUNCTION. THESE ENTRIES DO NOT APPEAR IN COMPLETE CLASSIFICATION OF EXPENDITURES FOR CONSTRUCTION OF FACILITIES FOR THE OPERATION OF THE HIGHWAY SYSTEMS AND TABLE SF-12 FOR EXPENDITURES BY FUNCTION.

2/ MAINTENANCE Z/

3/ OTHER 3/

4/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE GRANTS-IN-AID FOR LOCAL ROADS AND STREETS - 1989 ¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-5A
OCTOBER 1990

STATE	SOURCE OF STATE GRANTS-IN-AID																				PAYMENT OF GRANTS ^{3/}		
	FOR COUNTIES AND TOWNSHIPS ^{2/}					FOR MUNICIPALITIES ^{2/}					TOTAL RECEIPTS					TO COUNTIES AND TOWNSHIPS	TO MUNICIPALITIES	TOTAL					
	HIGHWAY-USER REVENUES ^{4/}			FEDERAL FUNDS ^{5/}	OTHER INCOME ^{6/}	TOTAL	HIGHWAY-USER REVENUES ^{4/}			FEDERAL FUNDS ^{5/}	OTHER INCOME ^{6/}	TOTAL	HIGHWAY-USER REVENUES ^{4/}						FEDERAL FUNDS ^{5/}	OTHER INCOME ^{6/}	TOTAL		
	MOTOR-FUEL TAXES	MOTOR-VEHICLE AND CARRIER TAXES	TOTAL				MOTOR-FUEL TAXES	MOTOR-VEHICLE AND CARRIER TAXES	TOTAL				MOTOR-FUEL TAXES	MOTOR-VEHICLE AND CARRIER TAXES	TOTAL	MOTOR-FUEL TAXES	MOTOR-VEHICLE AND CARRIER TAXES	TOTAL					
ALABAMA	114,465	31,178	145,643	802	11,001	157,446	14,035	6,845	20,880	-	1,906	22,786	128,500	38,023	166,523	802	12,907	180,232	157,447	22,785	180,232		
ALASKA	-	-	-	2,553	8,000	10,553	-	-	-	-	37,000	37,000	-	-	-	2,553	45,000	47,553	-	37,000	47,553		
ARIZONA	79,097	44,978	124,075	3,584	2,391	130,050	121,154	82,959	204,113	-	-	204,113	200,251	127,937	328,188	3,584	2,391	334,173	124,644	204,112	328,756		
ARKANSAS	29,089	16,307	45,396	4,166	3,016	52,579	29,089	16,307	45,396	-	891	46,287	58,176	32,614	90,792	4,166	3,907	98,865	50,564	41,703	92,267		
CALIFORNIA	313,640	10,955	324,595	74,965	-	399,560	311,927	14,637	326,564	62,203	-	388,767	625,567	25,592	651,159	137,168	-	788,327	399,560	388,767	788,327		
COLORADO	61,563	16,149	77,712	1,728	6,095	85,536	36,526	15,317	51,843	-	12,488	64,331	98,089	31,456	129,555	1,729	18,593	149,867	64,331	149,867	37,000		
CONNECTICUT	6,886	3,575	10,461	-	-	10,461	12,789	8,641	21,430	-	-	19,429	19,874	10,216	29,890	-	-	29,890	10,462	19,429	29,891		
DELAWARE	-	-	-	-	-	-	1,821	1,175	3,000	-	-	3,000	1,821	1,178	3,000	-	-	3,000	-	3,000	3,000		
FLORIDA	172,757	-	172,757	1,154	4,842	178,763	85,372	-	85,372	-	-	85,372	238,129	-	238,129	1,154	4,842	244,135	178,764	65,372	244,136		
GEORGIA	9,311	-	9,311	433	-	9,744	47,876	-	47,876	-	-	47,876	3,284	-	3,284	433	-	3,717	9,744	9,744	9,744		
HAWAII	3,834	27,275	31,109	-	-	31,109	-	-	-	-	-	-	-	27,275	31,109	-	-	31,109	31,109	31,109	31,109		
IOWA	22,626	13,046	35,672	6,165	-	41,837	9,654	5,591	15,245	-	-	15,245	32,280	18,637	50,917	6,165	-	57,082	41,837	15,245	67,082		
ILLINOIS	166,209	10,592	176,801	19	16,402	193,222	150,773	-	150,773	-	22,875	173,648	316,982	10,592	327,574	19	39,277	366,870	193,221	173,648	366,889		
INDIANA	148,074	31,360	179,434	9,864	6,204	187,502	76,592	15,893	92,485	3,004	4,875	100,164	222,668	47,053	269,721	6,868	11,070	287,866	187,502	287,866	285,222		
IOWA	107,085	70,066	177,151	18,936	29,157	206,308	4,551	30,536	7,107	-	16,173	95,360	153,616	100,722	254,338	18,996	41,330	314,664	202,692	93,360	296,052		
KANSAS	44,127	-	44,127	-	9,330	53,457	33,289	-	33,289	-	2,764	36,053	77,416	-	77,416	-	12,094	89,510	48,510	36,053	84,565		
KENTUCKY	85,753	14,407	100,160	397	-	100,557	26,876	-	26,876	-	-	26,876	92,629	14,407	107,036	397	-	107,433	80,556	26,876	107,433		
LOUISIANA	17,813	-	17,813	1,325	28,538	30,863	47,876	187	48,063	-	-	48,063	17,813	187	18,000	1,325	28,538	47,863	47,876	187	47,863		
MALINE	4,015	-	4,015	-	-	4,015	4,451	1,637	6,088	-	-	6,088	15,363	5,652	21,015	16	-	21,031	14,943	6,088	21,031		
MARYLAND	55,565	122,989	178,554	9,985	-	188,548	61,165	116,716	177,881	17,106	-	194,987	116,730	239,715	356,445	27,091	-	383,536	188,548	194,987	383,535		
MASSACHUSETTS	11,207	-	11,207	-	-	11,207	33,672	49	33,621	-	-	33,621	44,779	49	44,828	-	-	44,828	11,207	33,621	44,828		
MICHIGAN	225,239	-	225,239	-	-	225,239	126,740	75,305	202,045	-	-	202,045	351,979	209,136	561,115	1,029	-	562,144	360,099	202,046	562,145		
MINNESOTA	131,147	62,837	193,984	988	37,439	231,423	38,861	24,581	63,442	-	21,481	84,923	170,008	107,418	277,426	988	58,920	337,344	231,274	282,488	337,344		
MISSISSIPPI	30,855	20,175	51,030	2,233	-	53,263	1,481	-	1,481	-	-	1,481	32,936	20,175	52,511	2,233	-	54,744	53,264	1,481	54,745		
MISSOURI	36,174	8,386	44,560	13,026	12,287	69,873	54,261	12,880	67,141	11,143	18,429	85,413	90,435	20,966	111,401	24,169	30,716	166,286	69,873	96,414	166,287		
MONTANA	360	-	360	6,350	-	6,710	7,660	225	7,885	-	-	7,885	14,000	225	14,225	3,791	-	18,016	10,141	7,885	18,016		
NEBRASKA	29,953	8,509	38,462	12,787	14,179	53,246	30,133	8,565	38,698	-	-	38,698	60,086	17,094	77,180	25,859	28,968	129,387	86,429	63,970	129,389		
NEVADA	22,163	-	22,163	190	-	22,353	15,401	-	15,401	-	-	15,401	37,564	-	37,564	190	-	37,754	22,353	190	37,754		
NEW HAMPSHIRE	1	-	1	268	-	269	198	116	314	-	-	314	199	116	315	268	-	583	269	314	583		
NEW JERSEY	-	-	-	-	-	-	526	422	948	-	-	948	626	422	1,048	-	-	948	948	948	948		
NEW MEXICO	7,313	23,520	30,833	1,183	-	32,016	4,108	2,421	6,529	-	-	6,529	11,421	25,841	37,262	1,183	-	38,545	32,016	6,529	38,545		
NEW YORK	71,207	60,896	132,103	10	-	132,113	47,557	40,537	88,094	-	-	88,094	118,764	101,233	219,997	10	-	220,007	131,913	88,094	220,007		
NORTH CAROLINA	-	-	-	-	-	-	51,448	16,225	67,673	-	-	67,673	51,448	16,225	67,673	-	-	67,673	51,448	67,673	67,673		
NORTH DAKOTA	18,941	7,722	26,663	98	919	27,680	8,357	4,494	12,851	-	636	13,487	27,298	12,216	39,514	98	1,454	41,065	27,680	13,386	41,066		
OHIO	124,322	395,080	519,402	86	-	519,488	83,095	62,817	145,912	-	-	145,912	217,417	367,897	585,114	86	-	585,200	425,486	155,711	585,199		
OKLAHOMA	73,859	35,196	109,055	601	14,792	124,448	4,897	7,566	12,463	3,413	-	15,876	78,758	40,651	119,409	601	18,205	138,413	122,448	15,966	138,414		
OREGON	47,452	35,983	83,435	82,078	-	165,513	29,560	22,415	51,975	-	-	51,975	77,012	59,398	136,410	82,078	-	217,488	165,513	51,975	217,488		
PENNSYLVANIA	101,774	46,019	147,792	22,841	-	170,633	76,758	2,616	79,374	9,718	-	89,092	178,532	48,534	227,066	32,669	-	259,625	170,634	88,892	259,626		
RHODE ISLAND	87	23	110	90	-	190	222	78	300	-	-	300	101	390	491	-	-	491	300	300	300		
SOUTH CAROLINA	14,565	3,079	17,644	1,166	-	18,810	-	-	-	-	-	-	14,565	3,079	17,644	1,166	-	18,810	18,809	-	18,809		
SOUTH DAKOTA	-	14,221	14,221	849	1,141	16,211	-	3,781	3,781	-	-	3,781	-	18,002	18,002	849	1,141	19,892	15,211	3,781	19,892		
TENNESSEE	135,925	-	135,925	219	4,579	140,723	87,866	-	87,866	-	7,438	95,304	203,781	-	203,781	219	12,017	216,017	140,723	75,294	216,017		
TEXAS	7,300	72,371	79,671	1,007	7,600	88,278	60,670	-	60,670	-	-	60,670	72,371	79,671	152,042	1,007	7,716	160,759	80,679	80,679	80,679		
UTAH	19,842	2,643	22,485	-	1,586	24,071	17,824	2,374	20,198	216	1,401	21,615	37,668	6,017	42,685	-	-	42,685	31,685	21,616	53,300		
VERMONT ^{2/}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
VIRGINIA	16,135	9,368	25,503	213	-	25,716	88,574	51,427	140,001	-	-	140,001	104,709	60,795	165,504	213	-	165,717	25,716	140,000	165,716		
WASHINGTON	107,295	1,666	108,961	45,320	657	154,938	56,762	158	56,920	19,213	880	57,713	164,067	1,624	165,691	64,533	1,537	231,951	152,319	78,933	231,252		
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WISCONSIN	85,990	21,536	107,526	384	127	108,910	87,885	21,757	109,642	-	-	109,642	174,875	43,293	218,168	384	177	218,552	108,908	109,643	218,552		
WYOMING	6,067	-	6,067	-	-	6,067																	

STATE RECEIPTS APPLICABLE TO LOCAL ROADS AND STREETS - 1989

TABLE SF-5
OCTOBER 1990

(THOUSANDS OF DOLLARS)

STATE	BALANCE BEGINNING OF YEAR 2/			HIGHWAY-USER REVENUES 3/				CURRENT STATE INCOME 4/				PAYMENTS FROM OTHER GOVERNMENTS				ISSUE OF BONDS	TOTAL RECEIPTS
	RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL	MOTOR-FUEL TAXES	MOTOR-VEHICLE AND CARRIER TAXES	TOTAL	APPROPRIATIONS FROM GENERAL FUNDS	OTHER IMPOSTS 5/	MISCELLANEOUS RECEIPTS	TOTAL	FEDERAL HIGHWAY ADMINISTRATION	OTHER AGENCIES	FROM COUNTIES AND TOWNSHIPS	FROM MUNICIPALITIES			
															FEDERAL HIGHWAY ADMINISTRATION		
ALABAMA &/	-	-	-	128,500	38,023	166,523	50,388	11,560	1,347	179,430	-	802	-	-	180,232		
ALASKA	14,127	-	14,127	200,271	127,936	328,197	50,388	-	2,391	330,578	8,761	2,563	-	-	52,941		
ARIZONA	6,421	-	6,421	75,745	33,745	110,124	-	2,125	1,782	33,745	-	-	2,615	637	346,185		
ARKANSAS	-	-	-	625,567	25,592	651,159	-	-	-	651,159	103,671	38,426	24,712	37,068	850,196		
CALIFORNIA	-	-	-	115,185	34,800	149,985	-	18,583	-	168,568	171,800	1,729	21,904	5,987	336,062		
COLORADO	-	-	-	19,675	10,217	29,892	-	-	-	29,892	-	-	-	-	29,892		
CONNECTICUT	-	-	-	1,821	1,179	3,000	-	-	-	3,000	-	-	-	-	3,000		
DELAWARE &/	-	-	-	17,272	24,236	41,508	-	-	-	41,508	70,661	389	-	-	242,263		
DIST. OF COL.	-	-	-	239,745	4,879	238,123	-	-	4,842	242,971	-	1,184	5,120	2,481	251,736		
FLORIDA	-	-	-	31,740	29,154	30,556	-	-	-	30,556	-	433	-	-	36,556		
GEORGIA	-	-	-	40,158	23,042	63,200	-	-	-	63,200	-	6,165	588	-	70,053		
HAWAII	-	-	-	356,378	57,766	414,744	-	39,277	-	454,021	-	19	7,489	12,706	474,235		
ILLINOIS	4,509	-	4,509	289,868	65,989	355,857	10,999	-	81	366,837	18,996	40	-	-	373,865		
INDIANA	9,966	-	9,966	153,616	100,722	254,338	-	41,330	-	295,668	-	-	-	-	314,634		
IOWA	18,351	-	18,351	77,416	39,188	112,686	-	12,093	-	89,509	39,618	-	5,253	4,458	138,638		
KANSAS	-	-	-	19,878	57	20,247	-	22,778	-	152,174	-	387	604	-	153,416		
KENTUCKY	-	-	-	18,093	6,657	24,750	-	-	-	43,035	-	18	-	-	51,060		
LOUISIANA	-	-	-	128,311	240,617	368,928	-	-	3,827	372,455	27,091	-	8	-	409,412		
MAINE	-	-	-	74,729	34,850	109,579	-	3,650	-	113,229	-	-	62	-	134,254		
MARYLAND	-	30,552	30,552	364,007	216,283	580,290	-	-	-	580,290	-	1,029	-	351	581,319		
MASSACHUSETTS	355,425	-	355,425	170,008	107,418	277,426	1,725	50,104	36,069	336,344	46,315	15,091	5,030	-	403,768		
MICHIGAN	-	-	-	74,075	21,136	95,211	-	28,359	-	145,251	10,964	2,233	364	1,432	159,900		
MINNESOTA	44,299	2,239	46,538	60,436	21,276	81,712	-	50,050	20	22,953	1,316	785	3,685	170,336			
MISSISSIPPI	1,982	-	1,982	20,133	17,463	37,596	-	30,462	-	37,596	3,791	21	-	47,176			
MISSOURI	-	-	-	67,395	19,019	86,414	-	-	-	114,774	23,698	-	2,292	-	143,604		
MONTANA	-	-	-	37,565	2,488	40,053	-	-	-	37,565	-	190	-	-	37,755		
NEBRASKA	-	-	-	16,086	25,985	42,071	-	-	-	67,440	75,785	268	-	-	104,730		
NEVADA	-	-	-	11,448	25,985	37,433	-	-	-	29,005	-	1,183	1,122	-	39,718		
NEW HAMPSHIRE	-	-	-	207,242	176,952	384,194	-	-	-	383,895	-	10	-	-	383,905		
NEW JERSEY	-	-	-	51,446	52,716	104,162	-	1,390	124	105,552	3,782	98	-	929	68,602		
NEW MEXICO	-	-	-	35,223	17,463	52,686	-	-	-	63,150	-	88	4,342	4,066	67,066		
NEW YORK	-	-	-	261,447	359,751	621,198	-	-	-	631,198	-	12,399	10,569	-	654,252		
NORTH CAROLINA &/	-	-	-	107,363	40,852	148,235	-	23,745	-	171,980	26,572	601	1,969	4,994	201,116		
NORTH DAKOTA	-	-	-	101,974	77,326	179,300	-	-	-	179,300	-	-	3,751	-	170,123		
OHIO	-	-	-	178,532	48,534	227,066	-	-	-	227,066	29,694	-	-	-	259,626		
OKLAHOMA	68,021	-	68,021	1,126	393	1,519	-	-	-	1,519	-	-	-	-	1,519		
OREGON	-	-	-	20,008	4,293	24,301	-	-	-	24,301	-	-	84	-	25,487		
RHODE ISLAND	-	-	-	4,482	18,100	22,582	-	1,141	-	24,237	12,074	1,166	-	-	39,705		
SOUTH CAROLINA	-	-	-	247,206	18,100	265,306	-	12,017	-	277,536	-	94	2,486	-	277,536		
SOUTH DAKOTA	-	-	-	7,843	72,691	80,534	-	-	-	80,534	-	1,008	6,847	-	87,381		
TENNESSEE	-	-	-	44,549	5,934	50,483	-	-	-	50,483	343	7,373	1,400	-	64,480		
TEXAS	-	-	-	194,708	60,785	255,493	-	-	-	255,493	-	213	-	-	256,716		
UTAH	27,273	-	27,273	196,187	3,788	200,975	-	-	1,537	201,512	40,676	23,857	-	-	266,045		
VERMONT &/	-	-	-	174,875	43,293	218,168	-	-	-	218,168	39,219	384	19,101	13,779	269,651		
VIRGINIA &/	14,661	-	14,661	17,524	5,921	23,445	-	-	177	23,622	-	4,701	-	-	28,323		
WASHINGTON	-	-	-	565,036	2,307,774	7,658,704	66,089	319,694	52,187	8,036,678	645,027	192,616	121,092	116,695	9,338,827		
WEST VIRGINIA &/	-	-	-	597,826	2,307,774	7,658,704	66,089	319,694	52,187	8,036,678	645,027	192,616	121,092	116,695	9,338,827		
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL 2/	565,036	32,791	597,826	5,350,930	2,307,774	7,658,704	66,089	319,694	52,187	8,036,678	645,027	192,616	121,092	116,695	9,338,827		

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-5 AND 6 ARE CONCERNED SOLELY WITH STATE RECEIPTS AND DISBURSEMENTS APPLICABLE TO COUNTY AND OTHER LOCAL ROADS AND STREETS NOT UNDER STATE CONTROL.

2/ ANY DIFFERENCES BETWEEN BEGINNING BALANCES AND PREVIOUS YEAR'S 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 TOTALS FOR LOCAL ROADS AND STREETS ON TABLES HF-3, HV-3, AND DV, RESPECTIVELY.

4/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPLICABLE STATE GENERAL FUND REVENUES APPEAR ON TABLE DF, OR HIRE VEHICLES, OIL ROYALTIES, SALES TAX, COLLECTOR AND FISH LICENSES, RELOCATION TAX AND TAX ON SECULAR TRUSTS.

5/ COUNTY ROADS ARE UNDER STATE CONTROL IN ALL SEVEN COUNTIES, DE, NC, VA (ALL BUT TWO COUNTIES), AND WV.

6/ 1988 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE EXPENDITURES AND GRANTS-IN-AID FOR LOCAL ROADS AND STREETS - 1989

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-6
OCTOBER 1990

STATE	COUNTY AND TOWNSHIP ROADS 2/						MUNICIPAL STREETS 2/						SUMMARY OF STATE DISBURSEMENTS FOR LOCAL ROADS AND STREETS			BALANCE END OF YEAR			
	DIRECT EXPENDITURES BY STATE 3/					GRANTS-IN-AID TO COUNTIES AND TOWNSHIPS 5/	DIRECT EXPENDITURES BY STATE					GRANTS-IN-AID TO MUNICIPALITIES	TOTAL 6/	DIRECT EXPENDITURES BY STATE	GRANTS-IN-AID	TOTAL	RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL
	CAPITAL OUTLAY 4/	MAINTENANCE	ADMINISTRATION AND OTHER	DEBT SERVICE FOR LOCAL ROADS	TOTAL		CAPITAL OUTLAY 4/	MAINTENANCE	ADMINISTRATION AND OTHER	TOTAL	TOTAL								
ALABAMA	-	-	-	-	157,447	157,447	-	-	-	-	22,785	22,785	-	180,232	180,232	-	-	-	
ALASKA	280	-	-	-	10,553	10,553	519	-	-	519	37,000	37,519	5,388	47,553	52,941	-	-	-	
ARIZONA	7,555	-	-	-	7,733	124,644	6,571	-	-	6,571	204,112	210,683	14,304	328,766	343,060	17,252	-	17,252	
ARKANSAS	8,912	-	178	-	8,912	50,564	58,476	-	-	2,570	41,703	44,273	11,482	92,267	103,749	20,870	-	20,870	
CALIFORNIA	24,712	-	-	-	399,560	424,272	37,068	-	-	37,068	388,767	425,835	61,780	788,327	850,107	-	-	-	
COLORADO	19,868	-	-	-	85,536	105,404	27,262	-	-	27,262	64,331	91,583	47,120	149,887	196,987	-	-	-	
CONNECTICUT	-	-	-	-	10,462	10,462	-	-	-	-	19,429	19,429	-	29,891	29,891	-	-	-	
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	3,000	3,000	3,000	-	-	-	
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA	5,120	-	-	-	179,764	183,884	78,087	29,276	134,891	242,264	242,264	242,264	7,801	244,136	251,737	-	-	-	
GEORGIA	-	19,222	-	-	9,744	28,966	-	7,589	-	7,589	65,372	67,653	26,811	244,136	251,737	-	-	-	
HAWAII	5,209	239	-	-	31,109	36,557	-	-	-	-	-	-	5,448	31,109	36,557	-	-	-	
IDAHO	12,971	-	-	-	41,837	54,808	-	-	-	-	15,245	15,245	12,971	57,082	70,063	-	-	-	
ILLINOIS	80,054	6,507	-	-	193,221	279,782	18,420	2,385	-	20,805	173,648	194,453	107,366	366,859	474,235	-	-	-	
INDIANA	7,245	-	206	-	187,502	194,953	78,591	-	97	78,688	97,720	176,408	86,139	285,222	371,361	6,954	-	6,954	
IOWA	-	-	-	-	202,692	202,692	-	-	-	-	93,360	93,360	-	296,052	296,052	28,578	-	28,578	
KANSAS	19,541	-	-	-	46,510	66,051	29,311	-	-	29,311	36,053	65,364	48,852	84,563	133,415	29,774	-	29,774	
KENTUCKY	32,864	-	-	-	35,175	80,556	115,731	-	-	10,808	26,876	37,684	45,983	107,432	153,415	-	-	-	
LOUISIANA	1	25	2,301	-	2,405	47,876	50,081	6	707	791	187	978	5,196	47,863	51,059	-	-	-	
MAINE	3,735	-	-	-	3,735	14,943	18,678	-	-	-	6,088	6,088	3,735	21,031	24,766	-	-	-	
MARYLAND	2,044	68	-	23,394	25,508	188,548	214,054	-	-	-	194,987	194,987	25,508	383,536	409,041	-	30,922	30,922	
MASSACHUSETTS	17,691	-	-	-	11,207	28,698	71,735	-	-	71,735	33,621	105,356	89,426	134,254	134,254	-	-	-	
MICHIGAN	-	-	-	19,174	360,095	379,273	-	-	-	-	202,046	202,046	19,174	562,145	581,319	-	-	-	
MINNESOTA	49,350	-	-	-	49,350	219,274	268,624	16,450	-	16,450	63,214	79,664	65,800	282,488	348,288	410,905	-	410,905	
MISSISSIPPI	102,814	-	-	5,740	108,354	53,284	151,618	6,481	-	6,481	1,481	7,962	114,835	54,745	169,580	34,660	2,200	36,860	
MISSOURI	937	-	-	-	837	69,873	70,710	3,685	-	3,685	96,414	100,099	4,522	166,287	170,809	1,509	-	1,509	
MONTANA	14,756	1,465	60	-	16,281	10,141	26,422	11,681	1,169	12,879	7,875	20,754	29,160	18,016	47,176	-	-	-	
NEBRASKA	5,910	16	399	-	6,325	65,429	71,754	7,484	-	7,484	63,970	71,851	14,206	129,399	143,605	-	-	-	
NEVADA	-	-	-	-	22,353	22,353	-	-	-	-	15,401	15,401	-	37,754	37,754	-	-	-	
NEW HAMPSHIRE	317	-	232	-	549	269	818	4,420	1,457	5,877	314	6,191	6,426	583	7,009	-	-	-	
NEW JERSEY	30,210	-	-	9,110	39,320	39,320	64,521	-	-	64,521	949	65,470	103,841	104,790	-	-	-	-	
NEW MEXICO	1,174	-	-	-	1,174	32,016	33,190	-	-	-	6,529	6,529	1,174	38,545	39,719	-	-	-	
NEW YORK	74,413	-	-	10,000	84,413	131,913	216,326	79,485	929	79,485	88,094	167,579	163,898	220,007	383,905	-	-	-	
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	929	66,602	923	67,573	68,602	-	-	-	
NORTH DAKOTA	19,096	720	95	-	19,913	27,680	47,593	6,081	-	6,081	13,386	19,467	25,894	41,068	67,060	-	-	-	
OHIO	20,077	-	-	-	20,077	429,488	449,565	48,976	-	48,976	155,711	204,696	69,052	585,199	654,251	-	-	-	
OKLAHOMA	41,228	1,542	12,846	-	55,616	122,448	178,064	-	-	-	15,966	15,966	55,616	138,414	194,030	75,108	-	75,108	
OREGON	30,000	635	1,000	-	31,635	165,513	197,148	20,000	1,000	21,000	51,975	72,975	52,635	217,488	270,123	-	-	-	
PENNSYLVANIA	-	-	-	-	-	170,634	170,634	-	-	-	86,992	86,992	-	259,626	259,626	-	-	-	
RHODE ISLAND	-	-	-	-	-	90	90	-	1,128	1,128	300	1,428	-	390	1,518	-	-	-	
SOUTH CAROLINA	6,678	-	-	-	6,678	18,809	25,487	-	-	-	-	-	6,678	18,809	25,487	-	-	-	
SOUTH DAKOTA	14,122	-	-	-	14,122	16,211	30,333	5,590	-	5,590	3,781	9,371	19,712	19,992	39,704	-	-	-	
TENNESSEE	68,372	-	-	-	68,372	140,723	209,095	2,770	-	2,770	75,294	78,064	71,142	216,017	287,169	-	-	-	
TEXAS	203	-	-	-	203	80,679	80,882	650	-	650	650	650	853	80,679	81,532	-	-	-	
UTAH	4,800	-	-	-	4,800	31,565	36,365	6,300	-	6,300	21,815	28,115	11,100	53,380	64,480	-	-	-	
VERMONT 8/	-	-	-	-	-	25,716	25,716	-	-	-	-	-	-	165,716	165,716	-	-	-	
VIRGINIA	1,461	104	1,815	28,084	31,464	152,319	183,783	1,371	18	1,242	2,631	140,000	231,252	265,347	27,971	-	27,971	-	
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST VIRGINIA	39,894	-	-	-	39,894	108,909	148,803	31,205	-	31,205	109,643	140,848	71,099	216,552	289,651	-	-	-	
WISCONSIN	7,129	40	-	-	7,169	6,930	14,099	7,684	89	7,773	2,899	10,672	14,942	9,829	24,771	18,213	-	18,213	
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL 8/	780,445	30,693	19,132	102,470	932,640	4,537,420	5,470,060	888,334	42,579	139,830	870,743	2,896,939	3,767,882	1,803,383	7,434,358	9,237,742	665,794	33,122	898,916

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-5 AND 6 ARE CONCERNED SOLELY WITH STATE RECEIPTS AND DISBURSEMENTS APPLICABLE TO COUNTY AND OTHER LOCAL ROADS AND STREETS NOT UNDER STATE CONTROL.

2/ FOR PURPOSES OF THIS TABLE THE FOLLOWING COUNTIES ARE CLASSIFIED AS MUNICIPALITIES: SAN FRANCISCO, CA; DENVER, CO; DUVAL, FL; MUSCOGEE, GA; MARION, IN; ORLEANS PARISH, LA; SUFFOLK, MA; BRONX, NY; KINGS, NY; NEW YORK, NY; QUEENS, NY; RICHMOND, NY; PHILADELPHIA, PA; DAVIDSON, TN; ARLINGTON, VA. CERTAIN TOWNS AND TOWNSHIPS IN THE SIX NEW ENGLAND STATES, NJ, NY, AND PA ARE CLASSIFIED AS MUNICIPALITIES ON THE BASIS OF POPULATION DENSITY.

3/ COUNTY ROADS ARE UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WV. FOR EXPENDITURES ON ROADS UNDER STATE CONTROL SEE TABLE SF-4.

4/ INCLUDES EXPENDITURES ON FEDERAL-AID PROJECTS THAT ARE LOCATED OFF THE STATE SYSTEM.

5/ IN MANY STATES, THE GRANTS-IN-AID TO COUNTIES AND TOWNSHIPS MAY ULTIMATELY HAVE BEEN USED IN PART FOR MUNICIPAL STREETS OR SERVICE OF LOCAL ROAD BONDS. SEE TABLE SF-54 FOR MORE INFORMATION.

6/ EXPENDITURES ON STREETS FORMING MUNICIPAL EXTENSIONS OF THE STATE SYSTEMS ARE INCLUDED UNDER "DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS," TABLE SF-4.

7/ FOR THE DISTRICT OF COLUMBIA, THE ADMINISTRATION AND OTHER COLUMN INCLUDES THE FOLLOWING: ADMINISTRATION, ENGINEERING AND MISCELLANEOUS \$11,072,000; TRAFFIC POLICE AND SAFETY \$9,279,000; HIGHWAY BOND INTEREST \$7,207,036; AND HIGHWAY BOND REDEMPTION \$37,333,000.

8/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1989¹
IN RURAL AREAS

CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SE-12
SHEET 1 OF 12
OCTOBER 1990

COMPILED FROM REPORTS
OF STATE AUTHORITIES

STATE	CAPITAL OUTLAY						MAINTENANCE						TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	
ALABAMA	48,211	47,242	40,996	29,727	1,873	168,049	16,000	3,200	6,933	5,867	640	32,639	
ALASKA	36,459	25,477	10,545	1,862	1,862	91,924	14,970	61,319	14,342	5,052	918	61,376	
ARIZONA	59,584	26,301	57,583	22,915	4,492	180,875	6,824	19,156	18,540	5,052	3,209	46,069	
ARKANSAS	14,732	30,007	19,373	26,966	12,566	103,544	6,824	19,156	18,540	5,052	3,209	86,584	
CALIFORNIA	86,003	205,096	117,652	56,057	39	464,847	43,352	88,531	198,652	28,467	2,985	361,987	
COLORADO	81,036	43,967	6,759	21,856	4,951	158,570	20,715	15,510	14,660	21,034	1,812	73,987	
CONNECTICUT	23,041	10,091	22,587	30,880	5,465	92,065	991	2,054	4,292	8,725	10,703	26,784	
DELAWARE		966	42,530	10,005	7,282	60,783		515	407	1,885	224	3,103	
DIST. OF COL.													
FLORIDA	195,151	215,951	216,103	20,470	-	647,675	21,801	74,284	35,359	4,474	305	136,223	
GEORGIA	49,535	119,379	91,779	67,062	3,908	331,687	7,364	13,464	23,979	55,240	28,701	128,749	
HAWAII	4,634	328	15,989	7,751	28	28,729	636	4,986	4,986	2,202	58	8,372	
IDaho	54,415	25,011	5,605	12,860	2,078	100,088	6,824	12,561	10,828	12,617	192	43,042	
ILLINOIS	50,541	106,413	222,419	22,917	7,578	409,068	10,828	1,386	25,001	14,337	1,303	62,013	
INDIANA	44,668	34,635	60,022	92,139	9,475	240,929	10,828	1,386	25,001	14,337	1,303	62,013	
IOWA	62,166	54,278	58,296	52,139	9,475	175,179	12,260	20,062	43,181	78,916	607	202,748	
KANSAS	26,510	64,497	30,215	18,488	2,115	141,825	17,600	21,502	12,123	2,033	7	53,285	
KENTUCKY	29,711	197,287	108,456	57,318	23,942	402,849	5,017	27,021	7,117	5,754	3,345	39,685	
LOUISIANA	108,449	41,561	16,367	60,818	1,644	251,138	6,47	27,021	339	19,538	355	80,778	
MAINE	16,017	19,163	22,692	16,685	3,089	77,645	16,868	6,357	9,483	28,532	19,538	80,778	
MARYLAND	94,906	100,012	16,231	22,555	10,046	243,840	5,530	1,422	7,602	4,565	329	23,049	
MASSACHUSETTS	27,524	56,822	7,926	13,071	1,644	30,815	4,720	5,633	7,602	4,565	329	23,049	
MICHIGAN	17,682	62,063	16,367	3,306	-	103,659	7,265	14,883	4,094	871	27,114	47,114	
MINNESOTA						198,382	9,193	27,299	28,946	10,140	33	75,610	
MISSISSIPPI	31,298	89,600	32,262	65,152	8,473	226,784	5,507	9,390	18,065	28,955	1,495	55,412	
MISSOURI	46,415	46,415	47,102	47,102	1,265	196,645	13,071	18,516	25,029	87,804	26,386	170,805	
MONTANA	24,877	39,538	17,629	10,502	-	95,453	15,629	10,066	15,629	8,514	-	36,114	
NEBRASKA	38,645	69,080	30,102	9,195	-	147,021	3,129	15,871	14,011	18,870	-	38,109	
NEVADA	3,650	21,818	26,472	40,394	1,612	93,946	7,682	5,876	9,917	20,516	3,360	47,151	
NEW HAMPSHIRE	42,923	22,538	12,419	5,943	3,943	87,354	15,903	5,798	11,104	21,336	21,336	76,604	
NEW JERSEY	24,122	76,999	6,105	10,200	7,911	124,737	7,261	32,277	15,400	21,336	1,385	68,553	
NEW MEXICO	59,086	38,673	59,432	53,041	3,858	218,090	9,761	6,217	13,849	18,870	9,778	68,553	
NEW YORK	126,278	55,749	90,976	87,039	22,769	382,201	104,034	7,021	19,115	14,647	24,654	169,471	
NORTH CAROLINA	35,965	115,666	31,170	92,981	21,389	360,873	10,217	14,227	11,216	67,182	22,473	125,315	
NORTH DAKOTA	112,786	37,547	25,322	18,166	1,287	73,872	4,534	7,305	18,453	6,009	180	35,480	
OHIO						288,344	42,553	12,462	24,358	85,792	53,715	218,879	
OKLAHOMA	25,794	63,750	39,240	55,713	172	194,669							
OREGON	25,864	56,774	23,716	9,502	257	141,449							
PENNSYLVANIA	126,958	179,763	106,313	91,502	26,786	448,662	57,867	29,811	28,422	91,922	289	208,311	
RHODE ISLAND		1,692	2,350	11		11,932							
SOUTH CAROLINA	12,376	32,640	31,119	18,535	2,315	96,985	1,546	1,006	3,453	4,748	3,010	13,764	
SOUTH DAKOTA	15,193	46,327	28,866	7,780	12,786	110,893	4,805	6,780	12,585	4,828	-	31,666	
TENNESSEE	68,614	63,539	90,513	45,756	268,420	26,489	26,489	2,583	29,986	45,313	146	132,793	
TEXAS	176,239	410,026	132,287	243,667	36,135	998,414	22,783	25,985	29,986	45,313	110,376	235,043	
UTAH	115,220	26,920	16,230	37,009	600	195,979	13,200	7,700	6,400	5,400	400	33,100	
VERMONT	46,198	113,792	65,795	66,590	7,692	300,067	56,617	50,586	58,429	82,803	10,527	258,961	
VIRGINIA	23,946	54,607	96,846	14,192	-	129,590	9,708	40,617	25,031	3,225	-	78,578	
WEST VIRGINIA	13,541	22,670	14,579	46,094	9,810	106,694	15,198	9,256	13,789	33,225	7,118	78,595	
WISCONSIN	43,936	12,971	89,574	27,203	3,235	290,321	8,737	30,581	34,076	34,076	-	87,373	
WYOMING	43,567	13,071	37,962	30,301	6,515	131,356	13,366	6,256	12,240	16,965	875	49,702	
TOTAL 2/ 3/	2,497,500	3,321,972	2,376,480	1,810,187	312,000	10,316,129	751,286	848,854	991,892	983,744	371,640	3,947,415	
PERCENT 2/	24.20	32.20	23.03	17.54	3.02	100.00	19.03	21.50	25.13	24.92	9.41	100.00	

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1989¹

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 1990

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	11,675	-	2,405	172	290	14,541	640	-	4,267	6,400	1,600	12,906
ALASKA	1,769	-	9,891	8,126	5,654	25,460	-	-	-	-	-	-
ARIZONA	24,132	-	7,451	23,088	10,836	65,507	435	-	356	229	186	1,205
ARKANSAS	3,766	3,743	18,271	3,436	3,593	32,808	543	659	1,771	1,725	529	5,227
CALIFORNIA	10,946	-	9,073	7,342	-	27,360	2,840	-	9,243	692	204	12,979
COLORADO	9	1	4,347	524	3	4,884	106	425	3,187	1,062	-	4,780
CONNECTICUT	521	-	4,579	122	882	6,105	34	-	498	175	1,147	1,853
DELAWARE	-	-	6,153	10,261	7,668	24,081	-	-	359	317	193	869
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	19,491	11,051	-	30,542	-	-	3,666	4,416	-	8,081
GEORGIA	2,429	973	23,595	5,026	1,705	33,728	764	238	5,449	4,155	9,529	14,136
HAWAII	226	3,417	3,899	603	-	8,146	130	1,075	335	153	-	1,693
IDAHO	1,442	-	1,113	1,943	2,332	6,830	453	-	375	192	14	1,034
ILLINOIS	4,235	3,983	43,462	3,598	482	55,760	697	133	4,918	2,848	2,181	10,777
INDIANA	5,079	3,463	26,158	150	2,872	37,722	574	900	9,356	1,667	7	12,505
IOWA	-	-	58,296	-	-	58,296	-	-	8,361	-	-	8,361
KANSAS	187	201	5,296	4,955	3,429	14,067	837	585	4,459	119	1	6,001
KENTUCKY	604	32	1,367	7,264	7,088	16,355	3,319	76,522	4,179	58	479	84,556
LOUISIANA	92	153	9,579	57	548	10,430	-	471	-	-	163	634
MAINE	2,169	-	4,055	1,998	1,660	9,882	38	121	889	904	1,265	3,216
MARYLAND	27,715	26,260	4,010	2,397	18	60,400	-	-	-	-	-	-
MASSACHUSETTS	223	3,865	2,356	922	86	7,451	728	1,146	1,795	546	34	4,249
MICHIGAN	140,878	1,738	30,260	974	-	173,849	37,122	459	7,976	257	-	45,813
MINNESOTA	-	118	4,169	831	-	5,119	370	774	5,471	377	20	7,012
MISSISSIPPI	313	7,836	7,096	2,895	745	18,886	324	264	264	275	27	1,154
MISSOURI	1,956	19,548	1,843	2,157	1,293	26,797	2,462	938	4,867	2,600	433	11,300
MONTANA	-	-	1,667	1,656	143	3,467	-	-	530	21	525	1,075
NEBRASKA	-	3	8,602	235	44	8,883	15	173	3,292	41	1	3,522
NEVADA	-	-	10,229	4,560	2,693	17,482	76	-	-	158	204	438
NEW HAMPSHIRE	1,754	22	182	943	319	3,220	465	368	1,666	2,809	3,002	8,309
NEW JERSEY	3,093	-	-	1,160	-	4,253	198	-	-	209	-	407
NEW MEXICO	2,012	-	11,927	821	51	14,811	933	-	2,611	1,038	856	5,439
NEW YORK	115	9,231	17,037	19,130	3,596	49,109	294	254	1,314	1,088	1,190	4,140
NORTH CAROLINA	469	7,076	23,052	14,961	1,601	47,058	545	3,291	3,475	2,237	790	10,398
NORTH DAKOTA	-	-	1,839	294	83	2,216	100	-	213	-	-	313
OHIO	8,226	3	4,974	6,677	1,326	21,208	725	171	1,196	1,181	1,709	4,981
OKLAHOMA	2,800	1,334	7,067	4,453	4,412	20,066	-	-	-	-	-	-
OREGON	13,322	116	24,787	5,623	706	44,553	-	-	-	-	-	-
PENNSYLVANIA	5,481	14,584	15,734	13,949	9,565	59,313	4,226	33,631	34,963	66,858	810	140,488
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	13,626	4	52,203	13,782	6,870	86,485	472	-	6,781	1,440	1,512	10,205
SOUTH DAKOTA	-	-	2,729	808	1,735	5,272	315	-	1,111	56	-	1,482
TENNESSEE	-	-	4,781	6,313	3,181	14,275	-	-	5,298	7,064	-	12,362
TEXAS	16,871	5,495	55,507	6,293	1,091	85,257	11,902	3,295	13,923	13,655	25,866	68,642
UTAH	4,780	200	5,450	3,870	-	14,300	2,200	400	1,100	600	200	4,500
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	405	1,896	26,520	13,335	4,180	46,336	2,245	269	4,745	3,898	2,569	13,526
WASHINGTON	1,105	1,625	3,078	6,381	234	12,424	466	370	12,714	2,661	51	16,262
WEST VIRGINIA	61	2,092	1,649	3,760	139	7,701	875	430	1,163	916	263	3,647
WISCONSIN	1,456	1,986	7,982	2,893	247	14,565	304	698	7,192	2,026	-	10,130
WYOMING	1,757	-	3,475	1,508	2,089	8,829	721	-	3,597	544	953	5,815
TOTAL 2/ 3/	317,720	120,999	598,686	233,297	95,391	1,366,089	79,493	127,969	188,925	137,467	52,513	586,362
PERCENT 2/	23.26	8.86	43.82	17.08	6.98	100.00	13.56	21.82	32.22	23.44	8.96	100.00

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1989¹

IN URBANIZED AREAS (50,000 OR MORE POPULATION)

CLASSIFIED BY FUNCTIONAL SYSTEMS

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-12
SHEET 3 OF 3
OCTOBER 1990

Highway Finance

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	138,464	93	17,028	15,232	1,099	171,916	6,933	-	693	160	-	7,786
ALASKA	17,328	181	21,992	8,348	-	47,849	-	-	-	-	-	-
ARIZONA	116,958	276,018	20,306	9,975	7,937	431,193	290	676	676	161	153	1,956
ARKANSAS	31,252	14,477	10,346	5,834	436	62,345	2,838	668	1,314	637	213	5,670
CALIFORNIA	380,126	285,451	322,469	4,028	2,091	994,166	57,885	34,848	27,107	3,127	-	122,967
COLORADO	50,286	21,726	30,809	9,783	1,958	114,563	6,586	5,161	11,685	3,081	-	27,514
CONNECTICUT	263,946	153,594	59,186	54,949	38,375	570,051	2,084	2,816	6,054	8,452	16,271	35,677
DELAWARE	21,262	-	1,179	18,344	17,768	58,553	22,557	-	734	401	378	24,071
DIST. OF COL.	17,725	-	20,326	9,714	13,266	61,031	-	-	-	-	-	-
FLORIDA	108,152	92,506	122,234	103,138	6,109	426,030	10,006	11,109	22,181	15,527	-	58,824
GEORGIA	98,991	46,959	103,066	18,722	16	275,847	5,593	1,494	7,960	9,983	7,100	32,129
HAWAII	73,381	7,825	6,236	151	-	87,390	2,331	1,273	1,684	520	3	5,812
IDAHO	5,572	-	68	20	6,604	12,264	439	-	805	339	105	1,689
ILLINOIS	247,353	201,657	283,799	81,416	8,042	822,267	81,748	1,456	34,245	38,476	16,766	172,691
INDIANA	51,641	7,017	61,119	19,654	11,314	150,745	5,076	1,227	12,146	1,715	62	20,225
IOWA	5,481	-	12,056	-	-	17,537	2,164	-	16,215	-	-	18,378
KANSAS	84,836	1,333	5,548	6,746	3,076	101,540	10,354	3,047	3,761	608	-	17,770
KENTUCKY	60,210	1,670	6,187	14,774	17,433	100,274	188	13	57	-	-	258
LOUISIANA	134,152	1,390	27,643	11,680	2,973	177,839	444	2,013	2,897	-	1,504	6,858
MAINE	3,969	-	5,433	4,998	1,726	16,126	429	121	1,070	1,702	2,147	5,468
MARYLAND	320,484	50,939	84,164	17,835	3,004	476,226	16,604	-	-	-	-	16,604
MASSACHUSETTS	130,420	9,578	93,417	26,202	5,230	254,848	22,929	10,873	12,121	3,236	434	49,593
MICHIGAN	175,987	6,465	6,987	1,236	1	190,676	48,403	1,522	1,842	102	105	52,074
MINNESOTA	222,536	29,210	33,419	24,647	-	309,811	9,353	3,364	7,824	6,005	369	27,615
MISSISSIPPI	10,843	18	9,078	12,933	1,094	33,966	534	129	728	59	22	1,472
MISSOURI	39,452	73,629	20,072	11,564	4,388	149,105	9,826	637	1,474	629	50	12,616
MONTANA	-	54	372	54	13	438	-	-	265	257	62	584
NEBRASKA	23,730	7,324	3,231	81	-	34,366	516	153	6,393	100	20	7,182
NEVADA	35,794	27,339	-	9,421	2,136	74,690	540	967	-	412	-	1,919
NEW HAMPSHIRE	5,017	7,251	10,192	615	46	23,120	699	368	930	2,208	3,118	7,322
NEW JERSEY	372,412	122,242	189,053	15,487	10,382	709,555	60,147	94,410	42,406	2,910	167	200,041
NEW MEXICO	16,090	-	5,876	4,827	834	27,627	-	-	-	-	-	-
NEW YORK	497,143	275,610	111,272	152,399	30,254	1,066,678	72,056	3,610	8,291	11,694	8,866	104,518
NORTH CAROLINA	18,942	14,147	32,513	14,482	4,733	84,916	2,861	1,071	2,383	5,561	1,636	13,512
NORTH DAKOTA	2,150	-	4,600	1,027	2,552	10,329	246	-	119	9	-	374
OHIO	127,107	13,408	99,784	33,749	22,840	296,888	23,665	619	3,566	5,006	7,426	40,282
OKLAHOMA	42,769	14,805	9,701	10,113	3,307	80,695	16,546	-	-	-	-	15,546
OREGON	82,909	220	17,564	4,705	3,763	109,152	-	-	-	-	-	-
PENNSYLVANIA	375,621	122,083	21,803	213,686	31,812	765,005	40,369	61,011	90,591	116,464	9,725	316,161
RHODE ISLAND	5,236	1,130	18,229	1,841	1,648	28,084	-	-	1,038	-	-	1,038
SOUTH CAROLINA	-	-	74	459	1,010	1,543	-	-	15	151	109	276
SOUTH DAKOTA	963	-	1,753	1,552	2,704	6,972	374	-	443	-	-	817
TENNESSEE	85,729	-	36,239	19,350	11,282	152,599	17,680	-	5,298	8,830	-	31,787
TEXAS	345,615	277,961	202,946	25,076	77,562	929,160	42,171	35,478	29,215	10,812	21,009	138,685
UTAH	35,379	550	19,471	11,500	6,700	73,600	11,322	500	3,300	2,100	403	17,625
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	187,913	26,367	125,155	82,806	8,902	431,144	35,342	13,542	23,882	23,996	12,310	109,073
WASHINGTON	219,142	18,335	18,702	19,460	849	276,487	8,672	5,909	29,995	4,554	1,001	50,130
WEST VIRGINIA	18,984	7,198	6,154	1,024	608	33,968	3,077	1,333	1,196	1,092	590	7,288
WISCONSIN	23,656	29,876	60,082	35,259	1,645	150,421	8,155	4,369	14,271	2,330	-	29,124
WYOMING	307	-	3,952	2,626	175	7,060	333	-	603	153	27	1,116
TOTAL 2/ 3/	5,333,317	2,249,381	2,372,987	1,153,282	379,688	11,488,655	669,345	307,487	439,473	293,559	112,151	1,822,017
PERCENT 2/ 3/	46.42	19.58	20.66	10.04	3.30	100.00	5.84	2.68	3.81	2.56	0.97	15.87

1/ TABLE SF-12 SHOWS CAPITAL OUTLAY AND MAINTENANCE EXPENDITURES BY FUNCTIONAL SYSTEM AND AREA. 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

SEGREGATE THE 1989 DATA BY FUNCTIONAL SYSTEM.

2/ THE TOTALS AND PERCENTAGES INCLUDE ONLY THE 50 STATES SHOWN.

3/ TOTALS MAY NOT ADD DUE TO ROUNDING. DIFFERENCES IN NATIONAL TOTALS BETWEEN TABLE SF-12 AND SF-12A ARE DUE TO ROUNDING.

STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1989¹

FOR ARTERIAL SYSTEMS IN RURAL AREAS

CLASSIFIED BY IMPROVEMENT TYPES

TABLE SF-12A
SHEET 1 OF 3
OCTOBER 1990

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

Highway Statistics, 1989

STATE	INTERSTATE								OTHER ARTERIALS							
	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	1,945	13,818	-	-	27,330	2,832	2,286	48,211	8,953	12,706	1,079	19,824	9,644	31,088	4,943	88,237
ALASKA	4,267	-	-	-	3,822	-	291	36,459	1,710	17,339	13,294	-	2,571	-	1,008	38,022
ARIZONA	4,414	6,314	28,079	-	24,484	6,287	21,195	69,584	23,390	-	6,429	787	24,935	19,955	8,390	83,885
ARKANSAS	-	-	2,306	-	12,426	-	-	14,732	14,690	7,618	8,480	2,941	1,430	14,161	160	49,380
CALIFORNIA	19,333	28,999	-	-	18,747	6,468	12,455	86,003	124,309	97,198	-	-	46,700	16,108	38,433	322,748
COLORADO	15,517	7,925	2,092	50	30,759	14,597	10,099	81,038	16,811	421	1,066	4,208	20,632	6,425	1,153	50,726
CONNECTICUT	8,822	-	-	-	3,951	8,322	1,947	23,041	5,639	1	15	-	1,527	23,879	1,617	32,578
DELAWARE	-	-	-	-	-	-	-	-	28,633	102	-	9,282	5,110	101	288	43,456
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	50,179	133,409	2,776	-	2,481	4,703	1,504	195,151	156,537	91,133	45,443	-	57,127	53,745	28,069	432,054
GEORGIA	12,345	400	8,440	15,872	9,216	1,221	2,041	49,535	53,910	26,730	8,047	52,636	38,189	18,124	1,049	211,182
HAWAII	4,639	-	-	-	4,654	-	15	4,654	6,689	4	779	-	7,066	-	-	16,296
IDAHO	7,156	25,890	1,892	-	6,767	6,332	6,378	54,415	6,304	5,803	4,181	568	9,543	3,213	1,103	30,715
ILLINOIS	143	-	5,595	-	29,249	11,861	3,692	50,541	28,899	62,347	35,604	-	11,913	64,996	25,073	328,832
INDIANA	1,726	-	112	498	32,571	1,222	8,529	44,658	8,605	26,584	424	-	36,040	14,470	8,852	94,657
IOWA	5,615	-	27,342	-	25,983	2,665	-	62,605	17,578	21,664	-	850	50,476	22,006	-	112,574
KANSAS	1,806	-	6,546	-	17,991	-	167	26,510	10,902	21,502	7,122	15	42,355	11,394	1,482	94,712
KENTUCKY	4,671	2,407	3,076	1,526	10,659	838	530	23,711	27,609	170,785	18,317	8,450	59,598	14,943	2,042	305,748
LOUISIANA	5,461	81,221	3,541	-	16,458	453	1,314	108,449	12	21,921	6,660	-	18,462	10,635	2,39	57,993
MAINE	1,653	-	-	-	7,349	3,991	3,024	16,017	9,837	1	9,230	-	15,844	5,287	1,556	41,855
MARYLAND	10,005	9,819	68,619	-	14,994	1,526	32	94,996	33,171	64,849	4,687	-	2,176	8,521	2,839	116,249
MASSACHUSETTS	98	-	-	-	5,105	942	209	6,353	2,998	18	-	-	4,014	1,827	889	9,747
MICHIGAN	5,794	15,167	-	1,408	4,444	313	438	27,564	15,301	33,163	2,456	4,337	11,092	3,508	2,932	72,790
MINNESOTA	2,233	-	10	-	8,759	4,422	2,258	17,682	16,150	-	46,433	-	37,552	9,760	5,463	115,357
MISSISSIPPI	7,870	2,977	8,345	-	10,957	-	1,048	31,298	30,504	42,119	13,524	1,965	19,787	13,654	308	121,862
MISSOURI	4,290	-	910	901	12,618	7,027	3,413	29,159	15,119	5,112	6,035	7,638	23,268	15,929	1,011	74,114
MONTANA	2,285	8	10	43	21,425	1,105	1,105	24,877	6,804	2,650	31,632	-	14,122	611	1,348	57,167
NEBRASKA	2,726	-	17,210	-	17,243	1,018	447	36,645	14,040	10,118	17,796	3,432	47,621	3,981	2,193	99,192
NEVADA	2,076	1,574	-	-	-	-	-	3,650	5,262	41,270	-	-	-	1,498	251	48,290
NEW HAMPSHIRE	2,869	1,060	-	-	3,711	34,911	572	42,923	5,974	11,497	13,957	-	-	2,744	610	34,957
NEW JERSEY	1,231	-	-	-	13,231	-	-	24,122	5,157	49,283	-	-	27,522	-	1,142	83,104
NEW MEXICO	3,403	2,689	-	-	47,139	3,410	6,446	63,086	9,349	4,337	42,174	1,454	38,143	1,958	689	96,105
NEW YORK	995	-	1,141	-	1,401	121,095	1,646	126,278	14,979	2,474	22,506	-	47,387	52,440	6,340	146,125
NORTH CAROLINA	17,479	34,636	1,594	34,981	220	-	10,760	39,669	45,816	32,876	4,133	30,356	21,887	10,430	1,335	146,835
NORTH DAKOTA	1,834	-	12,411	-	4,113	1,157	745	19,760	4,656	-	6,072	-	20,424	2,938	576	34,569
OHIO	4,375	2	-	-	42,755	65,084	570	112,786	13,066	7,134	308	636	18,579	33,526	7,599	80,848
OKLAHOMA	992	-	3,660	-	16,349	2,233	2,565	25,794	11,305	5,406	21,217	17,099	31,915	12,369	3,679	102,989
OREGON	1,374	75	8,880	-	10,789	2,352	2,395	25,864	24,015	124	5,164	6,007	15,518	16,710	12,952	80,491
PENNSYLVANIA	315	35,559	28,072	10,983	13,924	34,856	3,200	126,908	24,489	133,171	39,599	15,493	19,641	49,169	4,513	286,076
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	3,898	-	144	4,042
SOUTH CAROLINA	6,278	100	-	-	2,834	3,002	162	12,376	13,725	-	1,176	5,137	27,018	16,479	229	63,759
SOUTH DAKOTA	1,118	-	2,013	-	3,812	7,481	769	15,193	6,828	1,364	17,783	-	46,819	1,318	1,281	75,193
TENNESSEE	16,835	-	4,126	-	32,365	12,348	2,940	68,614	30,887	59,655	11,950	2,435	28,366	19,726	2,032	154,051
TEXAS	20,533	66,443	-	-	81,244	6,793	1,226	176,239	99,928	265,966	-	-	152,450	22,289	11,660	542,313
UTAH	17,300	77,220	-	-	10,200	10,000	500	115,220	5,750	20,940	-	-	10,600	3,600	2,260	43,150
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	6,548	29,056	5,460	2	493	384	4,255	45,198	43,063	58,108	3,400	41,593	5,005	9,425	18,992	179,587
WASHINGTON	4,051	2,004	1,157	40	11,454	561	4,670	23,946	21,791	726	10,746	17,750	10,809	9,891	19,739	91,452
WEST VIRGINIA	576	-	624	-	7,804	3,266	1,281	13,541	35,840	13,767	-	1,273	9,079	10,585	2,545	37,249
WISCONSIN	2,812	-	1,625	-	33,807	1,583	6,311	45,938	6,442	36,469	42,639	-	73,631	23,912	1,655	213,946
WYOMING	6,043	-	5,559	-	26,776	2,467	2,662	43,507	8,542	10	18,649	2,077	18,893	731	2,031	51,033
TOTAL 3/ 4/	303,730	588,432	260,116	66,312	741,203	400,013	137,692	2,497,500	1,115,128	1,476,487	550,207	258,925	1,349,652	685,126	262,918	5,698,446
PERCENT/SYSTEM 2/	12.2	23.6	10.4	2.7	29.7	16.0	5.5	100.0	19.6	25.9	9.7	4.5	23.7	12.0	4.6	100.0
PERCENT FEDERAL-AID PLUS STATE MATCHING FUNDS 3/	88.7	98.8	97.2	97.0	86.3	61.0	85.3	85.2	46.7	54.3	67.3	61.1	50.1	75.2	50.4	55.7

STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1989¹

FOR ARTERIAL SYSTEMS IN URBAN AREAS

CLASSIFIED BY IMPROVEMENT TYPES

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-12A
SHEET 2 OF 3
OCTOBER 1990

STATE	INTERSTATE								OTHER ARTERIALS							
	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	5,244	102,280	91	12,118	17,354	5,985	7,186	150,138	6,447	821	-	8,395	332	10,872	8,064	34,930
ALASKA	2,118	-	15,188	-	1,520	-	251	19,117	23,984	235	21,695	343	1,161	-	1,120	48,538
ARIZONA	24,978	54,070	16,357	2,138	10,068	-	33,477	141,089	180,756	100,725	9,120	2,936	33,808	2,627	6,866	336,838
ARKANSAS	2,987	-	15,183	-	14,555	-	2,252	35,017	13,135	16,700	3,672	10,473	372	11,277	478	56,107
CALIFORNIA	145,028	175,961	-	-	12,630	24,558	32,894	391,072	308,221	-	-	-	51,262	19,644	27,843	626,362
COLORADO	16,766	6,117	-	3	4,359	13,000	4,880	50,295	25,432	22,972	10,324	486	3,582	18,338	6,057	67,190
CONNECTICUT	15,082	-	4,371	-	155,796	67,438	16,342	264,467	26,529	1	21,042	1	59,153	142,339	23,307	272,431
DELAWARE	261	-	9,619	191	8,341	10,450	2,209	21,262	14,029	56	-	11,189	4,095	24	6,545	35,937
DIST. OF COL.	253	11,166	127	-	2,724	3,035	420	17,725	2,751	660	4,837	-	11,520	9,212	1,060	30,040
FLORIDA	20,210	84,175	-	-	1,063	2,015	688	108,152	92,729	73,453	93,003	-	36,318	34,130	18,787	348,420
GEORGIA	26,971	59	37,451	-	5,063	2,249	6,391	101,421	51,230	17,996	21,443	51,368	7,953	41,761	8,590	200,340
HAWAII	60,161	1,775	-	608	9,960	-	1,103	73,607	5,049	1,522	-	363	5,235	3,214	5,531	21,913
IDAHO	2,895	2,678	-	-	2,724	3,035	420	17,725	2,751	660	4,837	-	11,520	9,212	1,060	30,040
ILLINOIS	50,233	19,887	-	-	322	43,924	1,120	7,014	1,096	-	1,667	-	-	5	377	3,145
INDIANA	6,016	-	50,914	-	69,879	5,352	16,751	251,588	86,718	207,624	131,610	-	108,810	64,469	18,684	617,915
IOWA	449	-	1,174	14,989	5,352	23,707	5,442	56,720	9,429	11,477	30,586	10,079	22,293	23,148	10,549	117,561
KANSAS	2,895	2,678	-	-	2,724	3,035	420	17,725	2,751	660	4,837	-	11,520	9,212	1,060	30,040
KENTUCKY	6,417	3,980	55,252	1,321	4,910	13,080	61	85,023	3,918	11	2,220	1,123	1,373	10,065	5,370	24,080
LOUISIANA	12,413	10,538	34,836	270	826	466	1,464	60,814	10,567	1,641	13,541	1,773	2,569	6,38	564	31,293
MAINE	1,758	102,307	1,318	-	16,791	11,691	2,137	134,244	404	13,163	17,172	1,829	10,062	6,288	1,785	50,503
MARYLAND	1,758	69	487	-	-	3,557	256	6,138	6,358	94	2,808	-	3,797	1,749	1,679	16,485
MASSACHUSETTS	48,266	78,792	186,968	-	4,682	22,817	6,671	348,198	31,181	93,628	36,129	-	10,433	11,312	2,723	185,406
MICHIGAN	62,124	35,822	59	-	7,891	20,714	4,032	130,643	28,666	2,499	25,713	157	14,316	42,311	12,678	126,340
MINNESOTA	66,853	164,659	30,554	806	11,345	41,680	1,969	316,865	11,221	-	905	24,121	4,585	4,847	1,980	47,660
MISSISSIPPI	39,835	124,149	21,990	-	5,111	19,293	12,160	222,538	17,569	-	26,868	-	4,986	34,980	7,993	92,394
MISSOURI	4,811	137	5,920	-	284	-	4	11,156	6,781	17,052	1,810	812	8,555	1,272	3,575	99,857
MONTANA	5,392	-	17,339	-	17,339	2,693	9,573	4,947	1,475	20,642	25,435	14,400	10,502	16,459	8,382	128,912
NEBRASKA	5,907	-	5,034	-	-	1,896	9,614	279	23,730	12	1,695	-	1,362	9	402	3,749
NEVADA	5,907	-	5,034	-	-	1,896	9,614	279	23,730	5,276	6,441	2,366	345	930	599	19,475
NEW HAMPSHIRE	4,728	30,936	-	-	-	-	130	35,794	14,768	30,536	-	-	-	5,132	1,112	51,548
NEW JERSEY	1,166	346	479	1,272	3,009	406	92	6,770	7,327	723	-	2,499	-	339	372	19,204
NEW MEXICO	51,015	121,443	140,005	-	9,406	42,527	11,109	375,505	20,486	141,826	29,285	3,916	82,522	44,635	5,249	327,921
NEW YORK	1,939	-	-	-	16,128	35	-	18,102	6,907	-	-	-	14,360	1,537	647	23,451
NORTH CAROLINA	20,110	150,065	61,946	-	26,674	221,630	16,830	497,257	79,603	70,281	178,552	8,611	73,732	98,686	75,214	584,679
NORTH DAKOTA	5,118	13,882	-	131	265	-	25	19,411	35,549	31,448	717	14,493	15,790	3,758	4,574	106,330
OHIO	169	-	1,798	-	1	-	182	2,150	2,053	341	1,073	1,642	564	-	2,097	7,760
OKLAHOMA	13,980	9,817	15,412	-	54,369	35,692	6,083	135,333	28,570	19,419	3,787	12,136	38,835	51,072	4,776	158,595
OREGON	8,319	6,130	8,339	5,430	12,047	1,794	3,509	45,569	14,242	4,272	13,232	3,175	7,392	1,115	4,045	47,473
PENNSYLVANIA	21,425	6	16,874	30,925	15,311	9,653	2,038	96,232	10,810	10,197	5,035	452	22,074	176	4,272	53,014
RHODE ISLAND	20,067	100,588	79,409	31,069	39,387	101,532	9,051	381,101	68,572	93,612	73,902	28,914	36,655	91,762	8,423	401,839
SOUTH CAROLINA	-	4,514	-	-	-	722	-	5,236	-	4,570	10,817	-	698	4,634	481	21,200
SOUTH DAKOTA	11,753	-	10	-	-	1,708	154	13,626	19,869	4	16,056	518	20,297	6,786	993	66,522
TENNESSEE	85	-	-	-	590	1,708	154	13,626	19,869	4	16,056	518	20,297	6,786	993	66,522
TEXAS	25,224	-	15,037	29,688	3,273	11,457	518	953	1,522	13	1,854	-	120	64	3,269	6,842
UTAH	33,452	224,785	-	-	76,599	18,654	8,996	85,729	14,431	30,453	3,471	3,188	6,610	7,833	897	66,683
VERMONT	7,279	19,000	-	-	5,100	8,100	680	40,159	5,721	18,300	-	-	6,100	5,600	5,320	41,041
VIRGINIA	23,444	5,274	121,410	7,078	20,060	452	10,603	188,318	118,125	50,647	47,734	32,040	7,917	12,572	7,044	276,090
WASHINGTON	48,957	2,221	1,079	108,912	5,718	615	54,745	220,247	13,227	196	3,296	13,431	8,999	2,005	26,426	67,580
WEST VIRGINIA	566	-	31	1,420	4,143	12,678	187	19,045	19	-	8,057	-	4,663	7,506	1,651	21,877
WISCONSIN	1,325	-	1,781	-	6,804	7,081	8,025	25,015	19,921	36,728	41,579	-	20,261	15,633	3,955	138,078
WYOMING	717	-	217	-	1,128	-	2	2,064	3,016	2,216	3,816	207	2,088	-	216	11,561
TOTAL 2/ 4/	932,258	1,667,628	977,894	274,296	682,364	820,848	295,742	5,651,033	1,616,175	1,711,570	944,034	279,906	918,229	897,542	361,179	5,728,630
PERCENT/SYSTEM 2/	18.5	29.5	17.3	4.9	12.1	14.5	5.2	100.0	24.0	25.4	14.0	4.2	13.6	13.3	5.4	100.0
PERCENT FEDERAL-AID PLUS STATE MATCHING FUNDS 2/	86.8	97.5	83.7	98.4	87.2	65.5	90.5	87.1	52.8	62.4	69.9	63.2	66.0	76.4	65.9	63.6

STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1989¹

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 1990

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	2,563	993	-	6,577	7,871	12,823	674	31,601	571	-	-	-	35	698	86	1,389
ALASKA	6,242	-	8,330	-	2,951	838	1,082	19,443	1,239	2,547	-	-	-	978	890	5,654
ARIZONA	4,157	48	7,458	65	8,619	6,391	769	27,407	525	4,016	3,773	1,093	4,144	955	4,268	18,773
ARKANSAS	7,987	1,478	15,333	-	3,612	10,097	25	39,532	452	-	2,681	-	-	661	235	4,029
CALIFORNIA	44,849	3,465	-	-	4,517	2,486	779	56,096	454	1,638	-	-	-	-	-	2,091
COLORADO	7,979	4	2,624	1,241	9,229	4,639	1,090	26,807	512	246	39	-	791	215	159	1,962
CONNECTICUT	1,132	-	13	10	3,024	30,205	1,902	36,345	4,448	-	552	-	17,652	15,932	673	39,257
DELAWARE	2,961	-	-	-	5,687	8,293	346	17,287	3,526	-	-	10,713	8,413	930	1,854	25,436
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	220	-	7,260	1,719	2,608	13,266
FLORIDA	9,500	2,907	-	-	2,495	4,090	1,478	20,470	1,460	-	-	-	-	-	-	-
GEORGIA	15,317	7,905	4,632	2,250	17,531	20,101	3,153	70,970	2,098	848	49	3,048	729	839	203	7,814
HAWAII	2,462	374	-	-	2,304	228	2,211	7,779	1	-	-	-	-	-	-	16
IDAHO	3,477	-	2,849	-	4,126	3,425	1,062	14,938	3,143	15	5,365	176	-	-	232	8,935
ILLINOIS	3,008	-	594	-	14,621	12,273	-	30,496	4,152	-	-	-	1,139	645	85	8,524
INDIANA	13,164	32,791	3,614	6,974	18,481	23,674	2,916	101,614	-	-	-	-	3,362	761	3,832	14,188
IOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	1,912	-	4,235	-	5,388	6,740	2,329	20,503	732	-	2,668	-	1,143	1,425	538	6,505
KENTUCKY	21,265	24,583	6,255	3,918	10,965	3,808	781	73,395	11,034	947	330	106	9,616	1,546	943	24,521
LOUISIANA	1,598	1,002	21,490	-	32,430	28,178	62	84,760	-	2,158	-	-	1,081	29	254	3,522
MAINE	3,065	533	4,210	-	8,227	3,058	681	19,774	646	396	708	-	581	615	439	3,385
MARYLAND	10,831	14,784	1,517	-	1,368	2,958	1,142	32,601	706	1,732	-	-	471	74	39	3,022
MASSACHUSETTS	3,673	-	4,043	-	3,241	3,702	55	14,714	1,170	-	768	-	-	3,158	221	5,316
MICHIGAN	695	1,657	1	-	453	319	180	3,306	1	-	-	-	-	-	-	1
MINNESOTA	591	-	-	-	3,903	321	527	5,343	-	-	-	-	-	-	-	-
MISSISSIPPI	5,837	783	20,041	-	31,701	13,968	1,294	73,825	333	62	4	-	384	169	887	1,839
MISSOURI	7,836	-	5,225	5,388	15,082	12,972	1,077	48,372	1,402	-	15	2,778	658	704	124	5,681
MONTANA	48	1,639	2,582	-	5,203	896	135	10,502	156	-	-	-	-	-	-	156
NEBRASKA	1,585	1,374	314	-	4,871	851	200	9,195	44	-	-	-	-	-	-	44
NEVADA	5,095	35,036	-	-	-	1,678	196	42,006	3,925	696	-	-	-	-	-	209
NEW HAMPSHIRE	6,202	-	191	231	31	2,335	185	9,473	61	-	-	-	-	294	10	365
NEW JERSEY	156	-	-	-	14,494	349	2,612	17,512	-	-	-	-	9,863	-	519	10,382
NEW MEXICO	8,837	-	3,179	-	38,555	4,743	1,585	56,899	177	-	-	-	632	-	77	866
NEW YORK	9,400	99	7,998	-	23,548	62,109	6,644	109,799	2,172	-	4,197	138	10,450	15,579	1,313	33,850
NORTH CAROLINA	27,564	16,797	8,229	7,618	48,007	6,679	2,477	114,369	1,239	2,561	174	670	1,960	-	505	2,636
NORTH DAKOTA	1,815	-	5,680	-	9,540	1,582	676	19,443	371	-	-	-	1,960	-	-	2,636
OHIO	15,484	3,077	1,366	-	35,807	34,008	4,968	94,710	3,507	41	1,600	2,233	7,001	7,842	1,843	24,168
OKLAHOMA	6,842	1,997	11,010	733	22,842	21,274	1,188	65,885	727	-	1,920	1,888	2,852	-	333	7,720
OREGON	1,260	279	707	203	4,863	27,408	373	35,094	1,413	736	-	1,918	232	66	92	4,459
PENNSYLVANIA	12,516	6,562	6,180	2,027	2,569	6,432	590	35,877	8,966	9,104	7,187	2,812	3,565	8,924	819	41,377
RHODE ISLAND	-	1,900	5,843	-	11	-	138	7,891	-	308	440	-	727	17	165	1,646
SOUTH CAROLINA	3,805	-	425	-	12,154	3,264	1,182	20,850	1,231	-	5,086	23	1,078	55	407	7,880
SOUTH DAKOTA	3,071	-	2,033	-	8,196	5,655	1,590	20,545	257	37	19	-	1,564	2,515	47	4,439
TENNESSEE	9,174	1,669	3,940	190	21,612	6,911	2,260	45,756	3,936	-	1,469	4,219	4,007	528	304	14,463
TEXAS	82,882	106,453	-	-	71,425	11,069	8,033	279,853	72,782	4,037	-	-	1,114	5	715	76,653
UTAH	4,950	24,700	-	-	6,179	1,300	480	37,609	1,000	-	-	-	3,000	1,000	1,700	6,700
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	31,569	2,953	18,500	5,134	4,782	7,345	3,999	74,282	4,581	3,138	2,244	1,501	946	304	368	13,082
WASHINGTON	2,942	92	-	-	8,276	1,623	1,259	14,192	522	-	-	-	120	372	69	1,083
WEST VIRGINIA	-	3,934	43	227	34,057	14,067	3,566	55,904	-	-	-	-	739	8	-	747
WISCONSIN	4,127	-	7,319	-	8,401	10,481	110	30,438	238	-	1,118	-	411	-	-	1,893
WYOMING	6,562	1,955	10,785	-	9,679	3,277	4,558	36,816	628	118	538	-	-	965	15	2,264
TOTAL 3/ 4/	427,970	304,011	212,080	42,786	609,838	451,034	74,469	2,122,189	147,286	35,381	49,029	93,436	106,481	75,289	28,181	476,083
PERCENT/SYSTEM 3/	20.2	14.3	10.0	2.0	28.7	21.3	3.5	100.0	31.0	7.4	10.3	7.0	22.4	16.8	5.9	100.0
PERCENT FEDERAL-AID PLUS STATE MATCHING FUNDS 3/	33.5	34.8	58.0	39.0	26.0	58.2	52.5	40.0	78.8	76.1	82.3	53.0	65.3	64.4	76.0	71.7

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 SEGREGATE THE 1989 DATA BY FUNCTIONAL SYSTEM. DATA REPORTED FOR URBAN AREAS INCLUDE SMALL URBAN AND URBANIZED AREAS.

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 50 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 - 1989
OBLIGATIONS ISSUED OR ASSUMED DURING YEAR¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SB-1
OCTOBER 1990

STATE	OBLIGATION 2/	DATED 3/	GROSS PROCEEDS OF SALES				POSTED INTEREST RATE 5/	SOURCE OF FUNDS FOR DEBT SERVICE 6/
			PAR VALUE	PREMIUM OR DISCOUNT	ACCRUED INTEREST 4/	GROSS PROCEEDS		
ALABAMA	ALABAMA CAPITAL IMPROVEMENT BONDS - 1989	10-01-88	14,200	-	-	14,200	8.4-6.5	STATE HIGHWAY FUNDS
CONNECTICUT	HIGHWAY RESURFACING - SERIES A	12-30-88	344	-	1	345	7.4	HIGHWAY-USER REVENUE*
	HIGHWAY RESURFACING - SERIES B	8-19-88	3,000	-	8	3,008	6.8	HIGHWAY-USER REVENUE*
	HIGHWAY RESURFACING - SERIES C	8-19-88	3,400	-	9	3,409	6.6	HIGHWAY-USER REVENUE*
	TRANSPORTATION IMPROVEMENTS - SERIES A	8-19-88	5,000	-	13	5,013	6.5	HIGHWAY-USER REVENUE*
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1988C	9-15-88	150,000	-1,379	548	149,169	7.15	HIGHWAY-USER REVENUE*
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1989A	2-01-89	150,000	-1,413	465	149,052	7.08	HIGHWAY-USER REVENUE*
	TOTAL		311,744	-2,792	1,044	309,996		
DELAWARE	JUNIOR REVENUE (REFUNDING) BONDS - 1988 SERIES	8-15-88	152,100	-	-	153,340	5.5-7.75	MOTOR-FUEL TAX, TOLLS
DISTRICT OF COLUMBIA	GENERAL REVENUE BONDS - SERIES 1989A	5-01-89	25,258	-	-	25,258	7.0-8.6	GENERAL REVENUE*
	GENERAL REVENUE (REFUNDING) BONDS - SERIES 1989B	6-01-89	67,058	-	-	67,058	6.0-8.75	GENERAL REVENUE*
	TOTAL	6-01-89	92,316	-	-	92,316	6.0-8.75	GENERAL REVENUE*
FLORIDA	DADE COUNTY EXPRESSWAY BONDS - 1989	3-01-89	90,200	-1,350	827	89,477	7.3	TOLLS, MOTOR-FUEL TAX*
	TURNPIKE REVENUE BONDS - 1989	4-01-89	219,597	-5,148	813	215,252	7.38	TOLLS, MOTOR-FUEL TAX*
	SEMIWOLE COUNTY ROAD BONDS - 1989	5-01-89	18,980	-	-	18,980	5.2-7.7	TOLLS, MOTOR-FUEL TAX*
	TOTAL		328,777	-6,498	1,440	324,120		
HAWAII	GENERAL OBLIGATION BONDS - SERIES 8A	6-01-89	12,744	-	-	12,744	7.0-7.1	GENERAL REVENUE*
	GENERAL OBLIGATION (REFUNDING) BONDS - SERIES 8D	6-01-89	5,491	-	-	5,491	6.623	GENERAL REVENUE*
	TOTAL		18,235	-	-	18,235		
ILLINOIS	TRANSPORTATION BOND SERIES A - 1989	4-01-89	15,000	-84	-	15,335	7.2	HIGHWAY-USER REVENUE
	TRANSPORTATION BOND SERIES A - 1989	4-01-89	80,000	-98	-	80,019	6.2-7.2	HIGHWAY-USER REVENUE
	TRANSPORTATION REFUNDING BONDS - 1989	11-01-89	31,700	-1045	-	31,700	6.5-8.6	GENERAL REVENUE*
	TOTAL		126,700	-1,127	-	126,573		
LOUISIANA	PARISH ROAD FUND - 1989	6-01-88	5,760	-	-	5,760	8.97	LEASE RENTALS
	PARISH ROAD FUND (REFUNDING) - 1989	6-01-88	940	-	-	940	8.97	LEASE RENTALS
	TOTAL		6,700	-	-	6,700		
MAINE	HIGHWAY AND BRIDGE LOAN BONDS - SERIES 1987	12-15-88	16,000	-	-	16,000	6.21	HIGHWAY-USER REVENUE*
MARYLAND	COUNTY TRANSPORTATION BONDS, TWELFTH SERIES - 1989	12-15-89	9,950	-99	7	9,858	6.0-8.825	HIGHWAY-USER REVENUE*
MASSACHUSETTS	HIGHWAY IMPROVEMENT LOAN ACT OF 1972	2-89 TO 6-89	7,455	-	-	7,455	6.6-7.5	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1977	2-89 TO 6-89	160	-	-	160	6.9-7.9	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1979	2-89 TO 10-89	310	-	-	310	6.4-7.5	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1978	2-01-89	360	-	-	360	6.6-7.75	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1980	2-01-89	630	-	-	630	6.6-7.5	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1982	2-89 TO 10-89	9,480	-	-	9,480	6.6-7.5	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1983	4-89 TO 6-89	835	-	-	835	6.4-7.5	HIGHWAY-USER REVENUE*
	PUBLIC WORKS BOND LOAN ACT OF 1983	4-89 TO 6-89	1,160	-	-	1,160	6.3-7.4	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1985	2-89 TO 10-89	55,755	-	-	55,755	6.4-7.5	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT EQUIPMENT LOAN ACT OF 1987	4-89 TO 6-89	1,450	-	-	1,450	6.3-7.4	HIGHWAY-USER REVENUE*
	SUPPLEMENTARY HIGHWAY IMPROVEMENT LOAN ACT OF 1987	4-89 TO 6-89	380	-	-	380	6.3-7.4	HIGHWAY-USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1989	2-89 TO 10-89	86,315	-	-	86,315	6.4-7.5	HIGHWAY-USER REVENUE*
	HIGHWAY MAINTENANCE AND BRIDGE PAINTING LOAN ACT OF 1988	6-01-89	4,000	-	-	4,000	6.9-7.15	HIGHWAY-USER REVENUE*
	TOWN AND COUNTYWAYS IMPROVEMENT LOAN ACT OF 1988	6-01-89	15,630	-	-	15,630	6.9-7.15	HIGHWAY-USER REVENUE*
		TOTAL		163,140	-	-	163,140	
MICHIGAN	STATE TRUNK LINE FUND BONDS - SERIES 1989A	12-01-89	135,780	-5,517	484	130,747	6.25-6.95	HIGHWAY-USER REVENUE
	STATE TRUNK LINE FUND (REFUNDING) BONDS - SERIES 1989B	12-01-89	9,290	-69	33	9,254	6.25-6.95	HIGHWAY-USER REVENUE
	TOTAL		145,070	-5,586	497	139,981		
MINNESOTA	STATE TRANSPORTATION BONDS, LAWS OF 1989	8-01-89	2,000	-	5	2,005	6.5-7.25	GENERAL REVENUE*
NEW JERSEY	BRIDGE REHABILITATION AND IMPROVEMENT BONDS - SERIES F	2-05-89	40,000	-	-	40,000	7.1-7.3	GENERAL REVENUE*
	SENIOR PARKWAY REVENUE BONDS - SERIES 1989	9-01-89	162,405	-	-	162,405	6.0-7.3	TOLLS
	SENIOR PARKWAY REVENUE (REFUNDING) BONDS - SERIES 1989	9-01-89	76,009	-	-	76,009	6.0-7.3	TOLLS
	TOTAL		277,405	-	-	277,405		
NEW YORK	TRANSPORTATION INFRASTRUCTURE RENEWAL BONDS - 1989	2-01-89	39,870	-	-	39,870	7.2-8.8	GENERAL REVENUE*
	TRANSPORTATION INFRASTRUCTURE RENEWAL BONDS - 1989	6-15-89	130,000	-	-	130,000	6.75-7.0	GENERAL REVENUE*
	TRANSPORTATION INFRASTRUCTURE RENEWAL BONDS - 1989	11-01-89	52,000	-	-	52,000	6.875-7.0	GENERAL REVENUE*
	TRANSPORTATION IMPROVEMENT BONDS - 1989	6-15-89	40,000	-	-	40,000	6.75-7.0	GENERAL REVENUE*
	TRANSPORTATION IMPROVEMENT BONDS - 1989	11-01-89	108,850	-537	-	108,313	6.875-7.0	GENERAL REVENUE*
	BRIDGE SYSTEM REVENUE BONDS - 1989	1-17-89	30,000	-537	-	29,463	6.2-7.0	TOLLS
	TOTAL		400,720	-1,074	-	400,183		
OKLAHOMA	TURNPIKE AUTHORITY FIRST SENIOR REVENUE BONDS - SERIES 1989	2-01-89	385,400	-8,608	-	376,792	6.0-7.875	TOLLS, MOTOR-FUEL TAX
	TURNPIKE AUTHORITY SUBORDINATE REVENUE BONDS - SERIES 1989	2-01-89	173,000	-3,867	-	169,133	6.9-7.7	TOLLS
	TOTAL		558,400	-12,475	-	546,319		
PENNSYLVANIA	GENERAL OBLIGATION BONDS (BRIDGES), 1ST SERIES A-1989	6-01-88	34,000	-397	130	33,733	6.5-6.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS (TOLLS), 1ST SERIES B-1989	6-01-88	39,000	-455	148	38,693	6.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS (TOLLS), 2ND SERIES B-1989	11-01-89	39,000	-455	136	38,671	6.4	GENERAL REVENUE*
	TURNPIKE BONDS - SERIES 1989A	2-01-89	241,487	-2,735	-	238,752	6.5-7.375	TOLLS
	REVENUE (REFUNDING) BONDS - SERIES 1989	7-01-89	142,987	-22,455	416	120,948	7.199	TOLLS
	TOTAL		496,464	-26,400	416	470,480		
RHODE ISLAND	GENERAL OBLIGATION BONDS - SERIES 1983B	6-01-89	1,998	-	-	1,998	7.2-8.7	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1985B	6-01-89	1,570	-	-	1,570	7.2-8.7	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1986C	6-01-89	26,299	-	-	26,299	7.2-8.7	GENERAL REVENUE*
	TOTAL		29,867	-	-	29,867		
TEXAS	DALLAS NORTH TOLLWAY REVENUE (REFUNDING) BONDS - SERIES 1989	7-01-89	237,695	-11,988	-	225,707	7.199	TOLLS
VIRGINIA	TRANSPORTATION FACILITIES BONDS - SERIES 1989	6-01-89	34,348	-433	61	33,976	6.1-8.7	TOLLS
	TRANSPORTATION REVENUE BONDS - SERIES 1989	11-15-89	200,000	-12,033	892	188,969	6.0-6.8	GENERAL REVENUE*
	TOTAL		234,348	-12,466	1,053	222,835		
WASHINGTON	HIGHWAY CONSTRUCTION BONDS SERIES 80-11	5-01-89	54,100	-	182	54,292	7.0-10.0	MOTOR-FUEL TAX*
	HIGHWAY CONSTRUCTION BONDS SERIES 81-8	8-01-89	18,000	-	67	18,067	7.0-10.0	MOTOR-FUEL TAX*
	HIGHWAY CONSTRUCTION (REFUNDING) BONDS SERIES 900B	8-01-89	23,135	-428	39	22,746	6.0-6.75	MOTOR-FUEL TAX*
	TOTAL		95,235	-428	288	95,095		
WISCONSIN	TRANSPORTATION REVENUE BONDS - SERIES 1989A	3-31-89	51,300	-	-	51,300	7.0-7.5	HIGHWAY-USER REVENUE
	TOTAL		3,775,089	-79,074	4,750	3,700,765		

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 INTERESTS 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 BONDS 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 ISSUED FOR 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 OTHERWISE 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.

Highway Finance

STATE OBLIGATIONS FOR HIGHWAYS - 1989
CHANGE IN INDEBTEDNESS DURING YEAR¹

TABLE SB-2
 SHEET 1 OF 2
 OCTOBER 1990

COMPILED FROM REPORTS
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS		OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED 3/			OBLIGATIONS REDEEMED			OBLIGATIONS OUTSTANDING END OF YEAR	SINKING FUND AND OTHER REDEMPTION RESERVES 4/	NET INDEBTEDNESS
	ISSUE	CLASSI- FICATION 2/		ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	WITH CURRENT REVENUE AND DEBT RESERVES	BY REFUNDING	TOTAL			
ALABAMA	STATE HIGHWAY BONDS	A	178,197	14,200	-	14,200	93,875	-	93,875	98,522	-	98,522
ALASKA	STATE HIGHWAY BONDS	A	80,889	-	-	-	19,985	-	19,985	60,904	-	60,904
	TOLL FACILITY BONDS	B	21,052	-	-	-	4,214	-	4,214	16,838	-	16,838
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	11,915	-	-	-	3,748	-	3,748	8,167	-	8,167
			113,856	-	-	-	27,947	-	27,947	85,909	-	85,909
ARIZONA	STATE HIGHWAY BONDS	A	869,483	-	-	-	40,360	-	40,360	829,123	-	829,123
CALIFORNIA	TOLL FACILITY BONDS	B	90,995	-	-	-	3,445	-	3,445	87,550	-	87,550
CONNECTICUT	STATE HIGHWAY BONDS	A	1,082,288	311,744	-	311,744	122,185	-	122,185	1,271,847	-	1,271,847
DELAWARE	STATE HIGHWAY BONDS	A	318,423	-	152,100	152,100	31,992	78,255	110,247	360,275	-	360,275
	TOLL FACILITY BONDS TOTAL	B	133,335	-	-	-	4,635	78,480	78,480	54,855	-	54,855
			451,758	-	152,100	152,100	36,627	152,100	188,727	415,130	-	415,130
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	C	1,108,258	92,316	37,333	129,649	-	37,333	37,333	1,200,574	-	1,200,574
FLORIDA	STATE HIGHWAY BONDS	A	123,752	-	-	-	11,183	-	11,183	112,569	-	112,569
	TOLL FACILITY BONDS TOTAL	B	1,248,472	329,177	-	329,177	204,652	-	204,652	1,372,997	-	1,372,997
			1,372,224	329,177	-	329,177	215,835	-	215,835	1,485,566	-	1,485,566
GEORGIA	STATE HIGHWAY BONDS	A	632,064	-	-	-	74,402	-	74,402	557,662	-	557,662
HAWAII	STATE HIGHWAY BONDS	A	158,756	12,744	5,481	18,225	13,985	5,481	19,466	157,515	-	157,515
ILLINOIS	STATE HIGHWAY BONDS	A	1,174,629	66,000	31,700	97,700	62,399	31,700	94,099	1,178,230	-	1,178,230
	TOLL FACILITY BONDS TOTAL	B	578,405	66,000	31,700	97,700	4,285	-	4,285	574,120	-	574,120
			1,753,034	66,000	31,700	97,700	68,684	31,700	98,384	1,752,350	-	1,752,350
INDIANA	STATE HIGHWAY BONDS	A	127,230	-	-	-	-	-	-	127,230	-	127,230
	TOLL FACILITY BONDS TOTAL	B	297,045	-	-	-	1,150	-	1,150	295,895	-	295,895
			424,275	-	-	-	1,150	-	1,150	423,125	-	423,125
KANSAS	STATE HIGHWAY BONDS	A	139,025	-	-	-	10,380	-	10,380	128,645	10,873	117,772
	TOLL FACILITY BONDS TOTAL	B	110,635	-	-	-	1,470	-	1,470	109,165	10,043	99,122
			249,660	-	-	-	11,850	-	11,850	237,810	20,916	216,894
KENTUCKY	STATE HIGHWAY BONDS	A	1,021,641	-	-	-	33,940	-	33,940	987,701	116	987,585
	TOLL FACILITY BONDS TOTAL	B	319,795	-	-	-	15,760	-	15,760	304,035	4,993	299,042
			1,341,436	-	-	-	49,700	-	49,700	1,291,736	5,109	1,286,627
LOUISIANA	STATE HIGHWAY BONDS	A	1,340,438	-	-	-	335,741	-	335,741	1,004,697	-	1,004,697
	TOLL FACILITY BONDS	B	30,622	-	-	-	4,399	-	4,399	26,223	-	26,223
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	4,200	5,760	940	6,700	610	940	1,550	9,360	-	9,360
			1,375,260	5,760	940	6,700	340,750	940	341,690	1,040,270	-	1,040,270
MAINE	STATE HIGHWAY BONDS	A	102,620	16,000	-	16,000	11,240	-	11,240	107,380	-	107,380
	TOLL FACILITY BONDS TOTAL	B	1,500	-	-	-	1,500	-	1,500	107,380	-	107,380
			104,120	16,000	-	16,000	12,740	-	12,740	107,380	-	107,380
MARYLAND	TOLL FACILITY BONDS	B	200,120	-	-	-	1,905	-	1,905	198,215	-	198,215
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	159,290	9,950	-	9,950	11,535	-	11,535	157,705	-	157,705
			359,410	9,950	-	9,950	13,440	-	13,440	355,920	-	355,920
MASSACHUSETTS	STATE HIGHWAY BONDS	A	1,228,304	163,140	-	163,140	80,615	-	80,615	1,310,829	-	1,310,829
	TOLL FACILITY BONDS TOTAL	B	192,254	-	-	-	11,737	-	11,737	180,517	-	180,517
			1,420,558	163,140	-	163,140	92,352	-	92,352	1,491,346	-	1,491,346
MICHIGAN	STATE HIGHWAY BONDS	A	71,122	135,780	3,967	139,747	3,636	4,247	7,883	202,986	-	202,986
	TOLL FACILITY BONDS	B	7,850	-	-	-	-	-	-	7,850	-	7,850
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	100,688	-	5,323	5,323	5,198	5,683	10,881	95,130	-	95,130
			179,660	135,780	9,290	145,070	8,834	9,930	18,764	305,966	-	305,966
MINNESOTA	STATE HIGHWAY BONDS	A	153,368	2,000	-	2,000	14,650	-	14,650	140,718	17,310	123,408
MISSISSIPPI	STATE HIGHWAY BONDS	A	217,675	-	-	-	12,300	-	12,300	205,375	-	205,375
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	34,744	-	-	-	3,546	-	3,546	31,198	-	31,198
			252,419	-	-	-	15,846	-	15,846	236,573	-	236,573

STATE OBLIGATIONS FOR HIGHWAYS - 1989
CHANGE IN INDEBTEDNESS DURING YEAR¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SB-2
SHEET 2 OF 2
OCTOBER 1990

STATE	OBLIGATIONS		OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED 3/			OBLIGATIONS REDEEMED			OBLIGATIONS OUTSTANDING END OF YEAR	SINKING FUND AND OTHER REDEMPTION RESERVES 4/	NET INDEBTEDNESS
	ISSUE	CLASSI- FICATION 2/		ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	WITH CURRENT REVENUE AND DEBT RESERVES	BY REFUNDING	TOTAL			
MONTANA	STATE HIGHWAY BONDS	A	150.000	-	-	-	-	-	-	150.000	-	150.000
NEBRASKA	STATE HIGHWAY BONDS	A	1.000	-	-	-	1.000	-	1.000	-	-	-
NEVADA	STATE HIGHWAY BONDS	A	59.540	-	-	-	15.760	-	15.760	43.780	-	43.780
NEW HAMPSHIRE	STATE HIGHWAY BONDS	A	47.550	-	-	-	7.006	-	7.006	40.545	-	40.545
	TOLL FACILITY BONDS TOTAL	B	174.275 221.825	-	-	-	4.160 11.166	-	4.160 11.166	170.115 210.660	-	170.115 210.660
NEW JERSEY	STATE HIGHWAY BONDS	A	897.769	40.000	-	40.000	64.893	-	64.893	872.876	-	872.876
	TOLL FACILITY BONDS	B	3,087.419	162.405	75.000	237.405	7,215	75.000	82,215	3,242,609	-	3,242,609
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	72.040 4,057.228	-	-	-	3,895 76.003	-	3,895 151,003	68,145 4,183,630	-	68,145 4,183,630
NEW MEXICO	STATE HIGHWAY BONDS	A	12.945	-	-	-	4.085	-	4.085	8.860	-	8.860
NEW YORK	STATE HIGHWAY BONDS	A	729.880	370.720	-	370.720	115.610	-	115.610	984,990	22,622	962,368
	TOLL FACILITY BONDS	B	321.982	30.000	-	30.000	37,657	-	37,657	314,325	-	314,325
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	42.006 1,093.868	-	-	-	10,000 163,267	-	10,000 163,267	32,006 1,331,321	32,006 22,622	32,006 1,308,699
NORTH CAROLINA	STATE HIGHWAY BONDS	A	202.730	-	-	-	26.765	-	26.765	175.965	-	175.965
OHIO	STATE HIGHWAY BONDS	A	447.400	-	-	-	82.775	-	82.775	364.625	104.377	260,248
	TOLL FACILITY BONDS TOTAL	B	4,810 452.210	-	-	-	-	-	-	4,810 369,435	104,377	260,248 265,058
OKLAHOMA	TOLL FACILITY BONDS	B	160.075	558.400	-	558.400	-	160.075	160.075	558.400	-	558,400
OREGON	STATE HIGHWAY BONDS	A	99.750	-	-	-	8,480	-	8,480	91,270	8,077	83,193
	TOLL FACILITY BONDS	B	5.200	-	-	-	800	-	800	4,400	-	4,400
	TOTAL		104,950	-	-	-	9,280	-	9,280	95,670	8,077	87,593
PENNSYLVANIA	STATE HIGHWAY BONDS	A	1,708.090	112.800	-	112.800	180.815	-	180.815	1,639,275	-	1,639,275
	TOLL FACILITY BONDS TOTAL	B	981,165 2,689,255	241,467 353,467	142,997 142,997	384,464 496,464	4,070 184,885	110,556 110,556	114,626 295,441	1,251,004 2,890,279	-	1,251,004 2,890,279
RHODE ISLAND	STATE HIGHWAY BONDS	A	120.066	29.867	-	29.867	13,053	-	13,053	136,879	-	136,879
	TOLL FACILITY BONDS TOTAL	B	48.040 168.106	-	-	-	655 13,908	-	655 13,908	47,185 184,064	-	47,185 184,064
TENNESSEE	STATE HIGHWAY BONDS	A	48.070	-	-	-	8.820	-	8.820	39.250	-	39.250
TEXAS	TOLL FACILITY BONDS	B	407.280	-	237.695	237.695	-	208.060	208.060	436.915	-	436,915
VERMONT 5/	STATE HIGHWAY BONDS	A	-	-	-	-	-	-	-	-	-	-
VIRGINIA	STATE HIGHWAY BONDS	A	138.483	200.000	-	200.000	-	-	-	338,483	13,690	324,794
	TOLL FACILITY BONDS TOTAL	B	284,327 422,810	34,348 234,348	-	34,348 234,348	14,115 14,115	-	14,115 14,115	304,560 643,043	1,493 15,183	303,067 628,441
WASHINGTON	STATE HIGHWAY BONDS	A	497.245	70.100	23.135	93.235	19,225	23.135	42,360	548,120	-	548,120
	TOLL FACILITY BONDS	B	131,813	-	-	-	5,843	-	5,843	125,970	-	125,970
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	232,873 861,931	-	-	-	13,468 38,636	-	13,468 61,671	219,405 893,495	-	219,405 893,495
WEST VIRGINIA	STATE HIGHWAY BONDS	A	576.927	-	-	-	79,762	-	79,762	497,165	-	497,165
	TOLL FACILITY BONDS TOTAL	B	44,543 621,470	-	-	-	79,762 79,762	-	79,762 79,762	44,543 541,708	-	44,543 541,708
WISCONSIN	STATE HIGHWAY BONDS	A	329.769	51.300	-	51.300	76.128	-	76.128	304.941	32.045	272.896
SUMMARY	STATE HIGHWAY BONDS	A	15,087,118	1,595,595	215,383	1,811,978	1,677,045	142,818	1,819,863	15,079,232	209,110	14,870,123
	TOLL FACILITY BONDS	B	8,883,010	1,355,797	455,692	1,811,489	333,867	627,536	961,403	9,733,096	16,629	9,717,147
	STATE ISSUES FOR LOCAL ROADS GRAND TOTAL 5/	C	1,766,014 25,736,142	106,026 3,059,418	43,596 715,671	151,622 3,775,069	52,000 2,062,912	43,956 814,310	95,956 2,877,222	1,821,680 26,634,008	-	1,821,680 25,408,950

1/ SEE TABLE SB-1 FOR GENERAL NOTE ON SB SERIES. THE FOLLOWING STATES REPORTED NO INDEBTEDNESS DURING 1989: ARKANSAS, COLORADO, IDAHO, IOWA, MISSOURI, NORTH DAKOTA, SOUTH CAROLINA, SOUTH DAKOTA 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.
5/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE OBLIGATIONS FOR HIGHWAYS - 1989

RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE

TABLE SB-3
SHEET 1 OF 2
OCTOBER 1990

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS		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	
	ISSUE	CLASSIFICATION 2/		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 3/	PREMIUM OR DISCOUNT	TOTAL		
ALABAMA	STATE HIGHWAY BONDS	A	-	93,504	-	14,200	-	107,704	12,870	968	13,828	93,875	-	93,875	107,703	-	
ALASKA	STATE HIGHWAY BONDS TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A B C	- - -	- - -	- - -	- - -	- - -	25,252 5,338 4,589 35,179	5,267 1,124 841 7,232	- - - -	5,267 1,124 841 7,232	19,985 4,214 3,748 27,947	- - - -	19,985 4,214 3,748 27,947	25,252 5,338 4,589 35,179	- - - -	
ARIZONA	STATE HIGHWAY BONDS	A	22,865	86,563	-	-	3,496	90,059	57,596	25	57,621	40,360	-	40,360	97,981	14,943	
CALIFORNIA	TOLL FACILITY BONDS	B	4,165	-	3,999	-	5,990	9,989	6,325	-	6,325	3,445	-	3,445	9,770	4,385	
CONNECTICUT	STATE HIGHWAY BONDS	A	-	214,031	-	1,044	-	215,075	91,175	710	91,885	122,185	1,006	123,191	215,076	-	
DELAWARE	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	- 21,618 21,618	- 44,266 44,266	- 1,921 1,921	134,348 18,992 153,340	- 667 667	134,348 65,846 200,194	15,544 2,143 17,687	6,103 6 6,109	21,647 2,149 23,796	110,247 78,480 188,727	2,453 -526 1,927	112,700 77,954 190,654	134,347 80,103 214,450	- 7,361 7,361	
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	C	-	9,504	-	105,036	-	114,540	74,274	2,933	77,207	37,333	-	37,333	114,540	-	
FLORIDA	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	- 282,734 282,734	18,500 - 18,500	11,644 - 11,644	25,594 - 25,594	38,907 - 38,907	164,304 - 164,304	18,500 240,449 258,949	7,312 96,644 103,956	5 4,759 4,764	7,317 101,403 108,720	11,183 -356 10,827	11,183 203,656 214,879	18,500 305,099 323,599	218,082 218,082	
GEORGIA	STATE HIGHWAY BONDS	A	-	-	-	-	4/ 119,853	119,853	45,451	-	45,451	74,402	-	74,402	119,853	-	
HAWAII	STATE HIGHWAY BONDS	A	-	-	-	5,481	-	4/ 24,185	29,666	10,200	-	10,200	-	19,466	29,666	-	
ILLINOIS	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	- 78,963 78,963	145,652 - 145,652	11,100 11,100	31,700 31,700	- 6,237 6,237	- 177,352 194,689	12,601 12,697 85,298	22 - 22	72,623 12,697 85,320	94,099 4,285 98,384	10,631 - 10,631	104,730 4,285 109,015	177,353 16,982 194,335	- 78,319 78,319	
INDIANA	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	25,391 25,977 52,368	- - -	20,009 20,009	- -	9,804 2,888 12,692	- - -	9,804 22,897 32,701	10,991 21,381 32,372	101 - 101	11,092 21,381 32,473	- 1,150 1,150	- 1,150 1,150	11,092 22,531 33,623	25,104 25,344 51,448	
KANSAS	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	63,935 13,799 77,734	10,834 - 10,834	- 6,022 6,022	- -	7,911 3,809 11,720	5 -	18,750 9,831 28,581	11,282 8,359 19,641	48 - 48	11,330 8,359 19,689	10,380 1,470 11,850	- - -	10,380 1,470 11,850	60,975 9,829 70,804	
KENTUCKY	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	159,867 40,087 199,954	132,695 28,947 161,642	- 5,090 5,090	- -	4,506 4,668 9,374	- -	137,201 38,905 176,106	61,265 22,244 83,509	321 179 500	61,586 22,423 84,009	33,940 15,760 49,700	3,025 -42 2,983	36,965 15,718 52,683	98,551 38,141 136,692	198,517 40,851 239,368
LOUISIANA	STATE HIGHWAY BONDS TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A B C	- 9,404 - 9,404	291,341 6,813 1,439 299,593	5,957 - 940 5,957	- 940 -	- 889 2,379 4/ 114,896	114,896 - -	406,297 13,659 2,379 422,275	70,496 1,077 829 72,402	- - - -	70,496 4,399 1,650 341,890	335,741 -354 - -354	335,741 4,045 1,550 341,336	406,237 5,122 2,379 413,738	- 17,940 -	
MAINE	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	- 1,325 1,325	18,828 - 18,828	- 571 571	- -	- 56 58	- -	18,828 629 19,457	7,588 454 8,042	- -	7,588 454 8,042	11,240 1,500 12,740	- -	11,240 1,500 12,740	18,828 1,954 20,782	
MARYLAND	TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	B C	31,291 30,652 61,943	- 10,379 10,379	17,224 17,224	- 9,858 9,858	1,813 3,520 5,333	- 7 7	19,097 23,754 42,851	17,022 11,811 28,833	- 48 48	17,022 11,859 28,881	1,905 11,535 13,440	57 - 57	1,962 11,636 13,497	18,984 23,394 42,378	31,344 30,922 62,266
MASSACHUSETTS	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	- 24,476 24,476	168,046 - 168,046	20,249 20,249	- -	172 3,781 3,953	- -	168,218 24,030 192,248	87,015 9,704 96,719	- -	87,015 9,704 96,719	80,619 4,245 84,864	588 4,834	81,203 97,185	168,218 183,904	- 22,818 22,818
MICHIGAN	STATE HIGHWAY BONDS TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A B C	18 997 - 1,015	132,841 - 18,174 152,015	- 1,284 1,284	9,254 - 9,254	3 24 27	2,395 - 4/ 2,395	144,493 1,308 19,174 164,975	6,033 1,266 7,682 15,181	277 - 12 269	6,310 1,266 7,694 15,470	7,883 - 398 8,96	297 - 398 8,96	8,180 1,490 19,174 34,930	14,490 1,266 19,174 131,050	
MINNESOTA	STATE HIGHWAY BONDS	A	37,803	9,729	-	5	891	4/ 13,052	23,677	8,818	-	8,818	-	14,850	23,468	38,013	
MISSISSIPPI	STATE HIGHWAY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A C	105,128 2,239 107,367	25,374 - 25,374	- -	- -	2,024 - 2,024	- 5,701 4/ 5,701	27,398 5,701 33,099	14,217 2,194 16,411	361 -	14,578 2,194 16,772	12,300 3,546 15,846	- 4	12,304 3,546 15,850	28,882 5,740 32,622	105,644 2,200 107,844

STATE OBLIGATIONS FOR HIGHWAYS - 1989
 RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE

TABLE SB-3
 SUMMARY
 OCTOBER 1990

STATE	OBLIGATIONS		RECEIPTS APPLICABLE TO DEBT SERVICE (THOUSANDS OF DOLLARS)										DISBURSEMENTS			BALANCE	
	ISSUE	CLASSIFICATION	ISSUE	HIGHWAY USER REVENUES	TOLLS	PROCEEDS FROM SALE OF BONDS	EXCESS INVESTMENTS	MISC. INCOME	TOTAL RECEIPTS	INTEREST	ADMIN. PAYING FEES, ETC.	TOTAL INTEREST ADMINISTRATION	PREMIUM OR DISCOUNT	TOTAL	TOTAL DISBURSEMENTS	STAKING FUND OR RESERVE BEGINNING OF YEAR	DEBT SERVICE END OF YEAR
MONTANA	STATE HIGHWAY BONDS	A	10,041	-	-	-	-	-	10,041	10,041	-	-	-	-	10,041	-	-
NEBRASKA	STATE HIGHWAY BONDS	A	728	-	-	58	-	4	790	55	2	-	-	1,000	1,057	-	14
NEVADA	STATE HIGHWAY BONDS	A	18,834	-	-	-	-	-	18,834	3,074	-	-	-	15,760	18,834	-	-
NEW HAMPSHIRE	STATE HIGHWAY BONDS	A	10,453	17,146	-	-	-	-	27,599	12,448	-	-	-	15,151	40,047	10,454	-
NEW JERSEY	STATE HIGHWAY BONDS	B	127,661	305,363	19,327	21,311	-	-	673,662	22,787	2,225	-	-	698,674	127,660	387,221	-
	TOLL FACILITY BONDS	B	9,110	-	-	-	-	-	9,110	22,525	-	-	-	31,635	31,635	9,110	-
	STATE ISSUES FOR LOCAL ROADS	C	136,771	305,363	19,327	21,311	-	-	673,662	295,443	2,225	-	-	971,663	151,003	387,221	-
NEW MEXICO	STATE HIGHWAY BONDS	A	4,802	-	-	-	-	-	4,802	717	-	-	-	4,085	4,802	-	-
NEW YORK	STATE HIGHWAY BONDS	A	22,624	46,972	-	1,561	-	-	71,157	28,671	87	-	-	71,238	145,291	22,622	-
	TOLL FACILITY BONDS	B	82,458	46,972	-	5,516	-	-	134,948	10,924	-	-	-	145,872	147,624	82,458	-
	STATE ISSUES FOR LOCAL ROADS	C	105,082	46,972	-	7,077	-	-	159,131	40,595	87	-	-	200,803	203,109	109,742	-
NORTH CAROLINA	STATE HIGHWAY BONDS	A	36,766	-	-	-	-	-	36,766	12,542	-	-	-	26,765	39,307	-	-
OHIO	STATE HIGHWAY BONDS	A	111,561	391	-	10,423	-	-	122,375	25,130	104	-	-	82,775	108,009	104,377	-
	TOLL FACILITY BONDS	B	112,167	391	-	18	-	-	124,759	25,639	104	-	-	83,502	108,418	104,563	-
	TOTAL		223,728	782	-	10,441	-	-	234,951	50,769	208	-	-	166,277	212,427	208,940	-
OKLAHOMA	TOLL FACILITY BONDS	B	55,907	44,925	145,552	16,742	-	-	263,126	36,683	-	-	-	160,075	211,541	57,565	-
OREGON	STATE HIGHWAY BONDS	A	10,879	948	-	-	-	-	11,827	2,369	-	-	-	8,480	10,879	-	-
	TOLL FACILITY BONDS	B	10,879	948	-	-	-	-	11,827	2,369	-	-	-	8,480	10,879	-	-
	TOTAL		21,758	1,896	-	-	-	-	23,654	4,738	-	-	-	16,960	21,758	-	-
PENNSYLVANIA	STATE HIGHWAY BONDS	A	18,007	417	117,355	2,396	-	-	138,175	88,531	6	-	-	100,615	288,781	18,003	-
	TOLL FACILITY BONDS	B	69,747	101,279	117,783	2,712	-	-	392,541	69,760	5,127	-	-	467,460	467,460	69,747	-
	TOTAL		87,754	101,896	235,138	5,108	-	-	730,716	158,291	5,133	-	-	568,075	756,241	87,750	-
RHODE ISLAND	STATE HIGHWAY BONDS	A	3,182	3,088	-	165	-	-	6,335	5,645	-	-	-	13,055	20,711	-	-
	TOLL FACILITY BONDS	B	3,182	3,088	-	165	-	-	6,335	2,138	-	-	-	8,473	22,668	-	-
	TOTAL		6,364	6,176	-	330	-	-	12,670	7,783	-	-	-	21,528	43,379	-	-
TENNESSEE	STATE HIGHWAY BONDS	A	10,675	-	-	-	-	-	10,675	2,055	-	-	-	8,620	10,675	-	-
TEXAS	TOLL FACILITY BONDS	B	26,043	21,746	225,707	2,506	-	-	276,002	10,889	-	-	-	208,080	236,230	39,773	-
VERMONT 5/	STATE HIGHWAY BONDS	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	STATE HIGHWAY BONDS	A	2,383	31,700	6,376	249	-	-	40,608	10,265	3	-	-	14,115	10,295	2,383	-
	TOLL FACILITY BONDS	B	5,130	31,700	6,376	249	-	-	43,455	28,787	-	-	-	88	43,543	5,130	-
	TOTAL		7,513	63,400	12,752	498	-	-	84,063	39,052	3	-	-	14,203	43,886	7,513	-
WASHINGTON	STATE HIGHWAY BONDS	A	43,713	2,967	22,746	1,816	-	-	71,242	36,421	9,622	-	-	42,360	92,403	43,713	-
	TOLL FACILITY BONDS	B	6,636	2,967	22,746	1,816	-	-	34,165	14,616	30	-	-	19,466	26,054	6,636	-
	STATE ISSUES FOR LOCAL ROADS	C	52,348	2,367	22,746	2,281	-	-	80,448	59,802	3,652	-	-	61,670	125,124	49,548	-
	TOTAL		102,707	8,299	68,238	5,913	-	-	180,628	110,839	12,904	-	-	123,496	243,581	102,707	-
WEST VIRGINIA	STATE HIGHWAY BONDS	A	25,322	1,168	-	827	-	-	27,317	31,215	709	-	-	79,762	111,667	25,322	-
	TOLL FACILITY BONDS	B	7,277	1,168	-	702	-	-	10,347	33,076	709	-	-	79,762	113,547	48,031	-
	TOTAL		32,599	2,336	-	1,529	-	-	37,664	64,291	1,418	-	-	159,524	165,214	73,353	-
WISCONSIN	STATE HIGHWAY BONDS	A	101,374	-	2,013	5,474	-	-	108,861	18,356	2,013	-	-	76,128	83,772	59,418	-
SUMMARY	STATE HIGHWAY BONDS	A	705,218	2,331,381	227,584	49,212	-	-	9,866,650	927,937	15,475	-	-	1,619,683	1,887,155	2,780,628	823,412
	TOLL FACILITY BONDS	B	1,151,178	100,620	552,558	119,665	-	-	1,923,911	1,271,612	2,993	-	-	34,939	1,271,612	1,151,178	-
	STATE ISSUES FOR LOCAL ROADS	C	1,850,188	2,519,591	895,965	3,520	-	-	4,749,890	1,117,682	2,993	-	-	95,656	5,925,721	1,153,122	-
	TOTAL		4,706,584	5,361,532	1,676,507	172,407	-	-	19,396,331	2,158,215	20,461	-	-	2,650,278	8,694,511	4,706,584	1,976,544

1/ SEE TABLE SB-1 FOR GENERAL NOTE ON SB SERIES. THE FOLLOWING STATES REPORTED NO INDEBTEDNESS DURING 1989: ARIZONA, CALIFORNIA, IDAHO, IOWA, MISSOURI, NORTH CAROLINA, SOUTH CAROLINA, SOUTH DAKOTA, AND WYOMING.
 2/ DIFFERENCES BETWEEN REDEMPTIONS REPORTED IN THIS COLUMN AND ON TABLE SB-2 ARE CAUSED BY JANUARY 1 MATURITIES PAID IN DECEMBER. TABLE SB-2 REPORTS SUCH REDEMPTIONS IN THE YEAR DUE, WHILE SB-3 REPORTS THEM IN THE YEAR PAID.
 3/ INCLUDES THE FOLLOWING: ALASKA, \$35,179,000 GENERAL FUND APPROPRIATION; FLORIDA, \$154,304,000 COUNTY FUNDS; GEORGIA, \$119,853,000 GENERAL FUND APPROPRIATION; HAWAII, \$24,185,000 GENERAL FUND APPROPRIATION; LOUISIANA, \$14,779,000 GENERAL FUND APPROPRIATION; MICHIGAN, \$2,365,000 GENERAL FUND APPROPRIATION; MINNESOTA, \$1,000,000 GENERAL FUND APPROPRIATION; NEBRASKA, \$1,000,000 GENERAL FUND APPROPRIATION; NEW YORK, \$1,000,000 GENERAL FUND APPROPRIATION; OHIO, \$1,000,000 GENERAL FUND APPROPRIATION; PENNSYLVANIA, \$1,000,000 GENERAL FUND APPROPRIATION; TEXAS, \$1,000,000 GENERAL FUND APPROPRIATION; VERMONT, \$1,000,000 GENERAL FUND APPROPRIATION; WISCONSIN, \$1,000,000 GENERAL FUND APPROPRIATION; WYOMING, \$1,000,000 GENERAL FUND APPROPRIATION.
 4/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1989¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-3B
SHEET 2 OF 2
OCTOBER 1990

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 INVEST- MENTS	CONCES- SIONS AND RENTALS	MISCEL- LANEOUS RECEIPTS	TOTAL RECEIPTS
			RESERVES FOR CONSTRUC- TION, OPERATION ETC.	RESERVES FOR DEBT SERVICE							
NEW JERSEY	VARIOUS TOLL BRIDGES ATLANTIC CITY EXPRESSWAY GARDEN STATE PARKWAY NEW JERSEY TURNPIKE SYSTEM TOTAL	DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION	51,858	5,829	-	22,485	-	4,465	-	7	26,957
		NEW JERSEY EXPRESSWAY AUTHORITY	23,149	2,397	-	22,977	-	1,854	-	2,866	27,697
		NEW JERSEY HIGHWAY AUTHORITY	92,186	98,921	-	142,607	237,405	15,020	9,858	3,521	408,211
		NEW JERSEY TURNPIKE AUTHORITY	1,713,018	285,974	-	187,932	-	161,775	12,499	1,714	363,920
		TOTAL	1,880,210	353,121	-	376,001	237,405	183,114	22,357	7,908	826,785
NEW YORK	CORNWALL-MASSENA BRIDGE GEORGE WASHINGTON AND STATEN ISLAND BRIDGES: HOLLAND AND LINCOLN TUNNELS KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEUBURGH-BEACON BRIDGES OGDENSBURG-PRESCOTT BRIDGE PEACE BRIDGE RAINBOW, LEWISTON-QUEENSTON, AND WHIRLPOOL RAPIDS BRIDGES THOUSAND ISLANDS BRIDGES THOMAS E. DEWEY THRUWAY TOTAL	ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION	157	-	-	1,954	-	95	67	5	2,061
		PORT AUTHORITY OF NEW YORK AND NEW JERSEY	-	-	-	335,460	-	-	-	-	335,460
		NEW YORK STATE BRIDGE AUTHORITY	11,767	4,161	-	17,016	29,463	3,302	-	37	49,819
		OGDENSBURG BRIDGE AND PORT AUTHORITY	-17,295	-	-	1,093	-	67	391	6	1,557
		BUFFALO AND FT. ERIE PUBLIC BRIDGE AUTHORITY	11,071	285	-	7,048	-	1,174	2,555	-	10,777
		NIAGARA FALLS BRIDGE COMMISSION	7,868	3,498	-	7,487	-	635	3,660	-	11,792
		THOUSAND ISLANDS BRIDGE AUTHORITY	8,251	864	-	4,746	-	-	-	-	4,746
		NEW YORK STATE THRUWAY AUTHORITY	199,380	73,651	-	291,530	-	20,748	7,386	9/ 13,259	332,923
TOTAL	221,198	82,459	-	666,344	29,463	25,961	14,059	13,307	749,134		
NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	-	-	14,546	1,260	-	-	-	-	15,806
OHIO	OHIO TURNPIKE	OHIO TURNPIKE COMMISSION	50,692	206	2,010	82,326	-	4,249	5,861	793	95,239
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM	OKLAHOMA TURNPIKE AUTHORITY	15,107	55,907	6,000	50,925	545,925	38,131	1,038	1,603	643,622
OREGON	ASTORIA-PT. ELLICE BRIDGE	OREGON TRANSPORTATION COMMISSION	-	-	-	2,204	-	-	-	-	2,204
PENNSYLVANIA	DELAWARE RIVER BRIDGES PENNSYLVANIA TURNPIKE SYSTEM TOTAL	DELAWARE RIVER PORT AUTHORITY	98,435	37,825	-	85,655	120,542	11,446	44	-	217,687
		PENNSYLVANIA TURNPIKE COMMISSION	764,022	43,122	-	215,514	238,672	78,607	4,678	491	537,962
TOTAL			862,457	80,747	-	301,169	359,214	90,053	4,722	491	755,649
RHODE ISLAND	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY	15,126	-3,182	-	8,935	-	902	-	88	9,925
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	TENNESSEE DEPARTMENT OF TRANSPORTATION	-	-	304	42	-	-	-	-	346
TEXAS	MOUNTAIN CREEK LAKE BRIDGE HOUSTON SHIP CHANNEL BRIDGE DALLAS NORTH TOLLWAY TOTAL	TEXAS TURNPIKE AUTHORITY	514	778	-	1,311	-	114	-	-	1,425
		TEXAS TURNPIKE AUTHORITY	9,484	5,045	-	7,752	-	1,521	-	3	9,276
		TEXAS TURNPIKE AUTHORITY	54,950	20,220	-	27,035	225,707	6,697	-	7/ 846	260,285
		TOTAL	64,648	26,043	-	36,098	225,707	8,332	-	849	270,986
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL DISTRICT 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	29,388	5,130	394	27,830	-	2,520	-	361	31,105
		VIRGINIA DEPARTMENT OF TRANSPORTATION	25,939	-	-	11,053	-	1,763	-	26	12,842
		VIRGINIA DEPARTMENT OF TRANSPORTATION	8,682	-	-	33,559	-	906	-	4	34,469
		VIRGINIA DEPARTMENT OF TRANSPORTATION	14,137	-	-	18,562	33,976	2,966	-	9	55,513
		VIRGINIA DEPARTMENT OF TRANSPORTATION	4,593	-	2,698	5,266	-	-	-	-	7,964
		VIRGINIA DEPARTMENT OF TRANSPORTATION	-	-	-	429	-	-	-	-	429
		TOTAL	82,739	5,130	3,092	96,699	33,976	8,155	-	400	142,322
WASHINGTON	HOOD CANAL BRIDGE; PUGET SOUND FERRY SYSTEM MAPLE STREET (SPOKANE) BRIDGE TOTAL	WASHINGTON TOLL BRIDGE AUTHORITY	46,157	8,450	79,479	61,160	-	2,110	-	8/ 9,121	151,970
		WASHINGTON TOLL BRIDGE AUTHORITY	1,351	186	-	1,083	-	95	-	-	1,178
		TOTAL	47,508	8,636	79,479	62,243	-	2,205	-	9,121	153,048
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	WEST VIRGINIA PARKWAYS, ECONOMIC DEVELOPMENT, TOURISM AUTHORITY	12,740	7,277	810	38,558	-	2,006	504	14	41,992
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES TOTAL ROAD FACILITIES TOTAL FERRY FACILITIES GRAND TOTAL		641,523	160,039	101,572	882,574	150,005	84,775	9,989	176,612	1,385,627
			3,862,017	991,141	145,206	1,860,800	1,605,805	430,669	72,285	73,945	4,189,710
			692	-	15,122	17,234	-	56	7,313	53,257	92,992
TOTAL		4,504,232	1,151,180	261,900	2,760,708	1,755,810	495,500	89,587	303,814	5,667,319	

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 (\$32,236,511) AND MAINE (\$1,440,316).
4/ FREED MAY 1989.
5/ FREED JULY 1988.
6/ FREED AUGUST 1989.
7/ LOCAL TRANSFERS: FLORIDA (\$164,156,224 - COUNTIES) AND TEXAS (\$845,000 - COUNTIES).
8/ FEDERAL FUNDS: MAINE (\$1,390,000 - UMTRA) AND WASHINGTON (\$6,829,760 - UMTRA).
9/ FEDERAL-AID FUNDS: NEW YORK (\$11,896,320).

DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1989¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-4B
SHEET 1 OF 2
OCTOBER 1990

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 3/	TOTAL DISBURSEMENTS	BALANCES END OF YEAR 4/	
											RESERVES FOR CONSTRUCTION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE
ALASKA	ALASKA FERRY SYSTEM	-	61,376	5,252	-	1,124	4,214	71,966	-	71,966	-	-
CALIFORNIA	CARQUINEZ, BENICIA-MARTINEZ, AND ANTIOCH BRIDGES	9,371	9,983	1,451	-	2,775	1,250	24,830	-	24,830	77,621	1,037
	RICHMOND-SAN RAFAEL BRIDGE	5,313	3,107	347	-	-	-	8,767	-	8,767	27,033	-
	SAN DIEGO-CORDONADO BRIDGE	113	2,885	269	-	-	-	3,277	-	3,277	17,652	-
	SAN FRANCISCO-OAKLAND BAY, SAN MATEO-ALAMEDA, AND DUMBARTON BRIDGES	12,194	24,098	3,857	-	3,550	2,195	45,894	11,769	57,663	147,707	3,348
	SAN PEDRO-TERMINAL ISLAND BRIDGE (VINCENT THOMAS)	154	1,349	190	-	-	-	1,693	-	1,693	5,903	-
	TOTAL	27,145	41,432	6,114	-	6,325	3,445	84,461	11,769	96,230	276,116	4,385
CONNECTICUT	CHARTER OAK BRIDGE	-	1,102	10	-	-	-	1,112	832	1,944	-	-
	MERRITT AND HILBUR CROSS PARKWAYS	-	65	-	-	-	-	85	18	103	-	-
	ROCKYHILL-GLASTONBURY AND CHESTER-HADLYME FERRIES	-	376	-	-	-	-	376	-	376	-	-
	TOTAL	-	1,563	10	-	-	-	1,573	850	2,423	-	-
DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE MAY-LEWES FERRY	10,450	17,709	711	2,771	2,143	4,109	37,893	-	37,893	20,793	7,361
	JOHN F. KENNEDY MEMORIAL HIGHWAY	8,341	4,848	1,189	-	5	73,845	88,229	5,801	94,030	1,588	-
	TOTAL	18,791	22,557	1,900	2,771	2,149	77,954	126,122	5,801	131,923	22,381	7,361
FLORIDA	EMORY L. BENNETT CAUSEWAY	-	1,588	-	-	-	-	1,588	2,270	3,858	-	-
	JACKSONVILLE EXPRESSWAY SYSTEM	-	326	-	-	-	182,742	182,742	-	182,742	-	-
	PENSACOLA BEACH BRIDGE	-	1,067	-	-	616	550	1,432	461	1,953	99	1,178
	PINELLAS BAYWAY	-	152	-	-	-	-	1,067	3,082	4,149	-	-
	ST. GEORGE ISLAND (BRYANT PATTON) BRIDGE	-	152	-	-	-	-	152	416	568	-	-
	SANTA ROSA (NAVARRA) BRIDGE	-	153	-	-	-	-	153	-	153	5	-
	SUNSHINE SKYWAY (LOWER TAMPA BAY BRIDGE)	-	1,609	-	-	-	2,839	2,715	7,163	-	7,163	15,913
	ORLANDO EXPRESSWAY SYSTEM	92,506	7,645	596	-	46,684	2,010	149,441	75,182	224,623	174,695	135,343
	BUCCANEER TRAIL ROAD	-	1,101	-	-	-	-	-	-	1,101	-	-
	CENTRAL FLORIDA EXPRESSWAY	-	535	-	-	-	-	-	-	3,251	174	1,262
	EVERGLADES PARKWAY	2,776	1,187	-	-	-	-	3,963	-	3,963	542	-
	FLORIDA'S TURNPIKE	46,443	37,557	-	-	20,382	-	103,332	61,376	164,708	158,570	22,752
	HILLSBOROUGH EXPRESSWAY (SOUTH CROSSTOWN)	497	2,640	151	-	8,828	3,470	15,586	9,256	24,842	2,085	6,070
	MIAMI-DADE COUNTY EXPRESSWAYS	-	3,463	-	-	2,214	6,764	12,431	12,431	24,431	89,477	10,396
	SAWGRASS-DEERFIELD EXPRESSWAY	-	2,326	-	-	16,840	3,805	22,971	11,421	34,392	21,880	3,276
SEMINOLE EXPRESSWAY	-	100	-	-	1,890	95	2,085	-	2,085	15,673	-	
	TOTAL	141,222	81,449	747	-	101,404	203,696	508,518	163,464	671,982	441,320	218,080
GEORGIA	TORRAS CAUSEWAY	40	630	52	-	-	-	722	-	722	751	-
ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	185,951	47,051	20,543	9,833	12,657	4,285	280,370	-	280,370	324,125	79,319
INDIANA	WABASH MEMORIAL, BRANDENBURG-MAUKPORT, AND HAMESVILLE-CANNELTON BRIDGES	-	1,078	-	-	-	-	1,078	-	1,078	1,857	-
	INDIANA EAST-WEST TOLL ROAD	498	34,056	5,294	2,120	21,381	1,150	64,499	-	64,499	44,393	26,344
	TOTAL	498	35,134	5,294	2,120	21,381	1,150	65,577	-	65,577	46,250	26,344
KANSAS	KANSAS TURNPIKE SYSTEM	13,894	10,594	4,931	1,983	8,359	1,470	41,231	-	41,231	36,410	13,600
KENTUCKY	KENTUCKY PARKWAY SYSTEM	-	13,621	241	-	22,423	15,718	52,003	-	52,003	1,846	40,851
LOUISIANA	GREATER NEW ORLEANS BRIDGES	-	2,013	-	-	313	3,089	5,415	9,256	14,671	1,763	17,917
	ASCENSON BRIDGE (SUNSHINE) AND ST. JAMES FERRY	-	339	-	-	764	956	2,059	-	2,059	1,946	24
	TOTAL	-	2,352	-	-	1,077	4,045	7,474	9,256	16,730	3,709	17,941
MAINE	MAINE TURNPIKE	6,893	14,142	2,071	1,750	454	1,500	26,800	8,991	35,791	41,956	-
	ISLAND FERRY SERVICE	559	2,956	-	-	-	-	3,625	-	3,625	1,127	-
	TOTAL	7,552	17,098	2,071	1,750	454	1,500	30,425	8,991	39,416	43,083	-
MARYLAND	SUSQUEHANNA, POTOMAC, AND CHESAPEAKE BAY BRIDGES; BALTIMORE HARBOR TUNNEL AND BRIDGE; FT. MCHEERY TUNNEL	28,797	18,025	7,739	8,484	17,022	1,962	82,029	51,821	133,850	51,166	31,344
	JOHN F. KENNEDY MEMORIAL HIGHWAY	14,395	5,530	237	1,921	-	-	21,483	10,735	32,218	-	-
	TOTAL	43,192	23,555	7,976	9,805	17,022	1,962	103,512	62,556	166,068	51,166	31,344
MASSACHUSETTS	MAURICE J. TOBIN (MYSTIC RIVER) BRIDGE	3,276	2,639	1,884	-	-	-	7,899	-	7,899	-	-
	EAST BOSTON TUNNELS	542	5,106	1,771	-	79	3,999	12,457	-	12,457	7,980	-
	MASSACHUSETTS TURNPIKE SYSTEM	35,369	37,045	5,511	-	9,625	11,984	99,534	-	99,534	78,060	22,818
	TOTAL	39,187	45,790	9,266	-	9,704	15,983	119,930	-	119,930	86,040	22,818
MICHIGAN	BLUE WATER BRIDGE	3,264	818	-	-	-	-	4,082	-	4,082	-	-
	MACKINAC STRAITS BRIDGE	-	3,378	1,084	-	-	-	4,462	-	4,462	14,170	-
	SAULT STE. MARIE BRIDGE	-	1,956	596	-	1,266	-	3,818	-	3,818	422	1,039
	TOTAL	3,264	6,152	1,680	-	1,266	-	12,362	-	12,362	14,592	1,039

DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1989¹

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-4B
SHEET 2 OF 2
OCTOBER 1990

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 3/	TOTAL DISBURSEMENTS	BALANCES END OF YEAR 4/	
											RESERVES FOR CONSTRUCTION, ETC.	RESERVES FOR DEBT SERVICE
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	32.855	12.407	10.508	1.680	12.986	4.160	74.596	-	74.596	92.302	-
NEW JERSEY	VARIOUS TOLL BRIDGES	12.016	7.198	8.084	-	4.063	280	31.641	-	31.641	46.947	6.057
	ATLANTIC CITY EXPRESSWAY	-	13.034	2.949	3,190	2,606	2,195	23,974	2,500	26,474	19,838	6,930
	GARDEN STATE PARKWAY	28,957	55,343	22,597	13,649	36,001	79,740	236,287	10,000	246,287	232,257	80,773
	NEW JERSEY TURNPIKE SYSTEM	175,235	79,253	38,831	16,484	187,016	-	496,819	12,000	508,819	1,560,631	293,461
	TOTAL	216,208	154,828	72,461	33,323	229,686	82,215	788,721	24,500	813,221	1,859,673	387,221
NEW YORK	CORNWALL-MASSENA BRIDGE	7	1,490	166	-	-	-	1,653	55	1,718	500	-
	GEORGE WASHINGTON AND STATEN ISLAND BRIDGES; HOLLAND AND LINCOLN TUNNELS	138,100	61,342	-	-	-	-	199,442	136,018	335,460	-	-
	KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEWBURGH-BEACON BRIDGES	8,560	7,936	2,495	-	1,311	4,441	24,743	-	24,743	35,272	5,731
	ODGENSBURG-PRESCOTT BRIDGE	-	716	205	-	-	-	921	284	1,205	-16,945	-
	PEACE BRIDGE	2,011	8,145	1,183	-	37	250	11,626	200	11,826	10,022	285
	RAINBOW, LEWISTON-QUEENSTON, AND WHIRLPOOL RAPIDS BRIDGES	2,910	7,159	876	-	406	707	11,867	-	11,867	3,555	3,734
	THOUSAND ISLANDS BRIDGES THOMAS E. DEWEY THRUWAY	128,442	97,433	21,871	22,346	8,812	31,111	310,015	-	310,015	219,428	76,511
	TOTAL	280,030	186,752	27,219	22,346	10,923	36,904	564,174	136,557	700,731	264,937	87,120
NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	-	15,806	-	-	-	-	15,806	-	15,806	-	-
OHIO	OHIO TURNPIKE	51,900	24,096	12,679	6,826	409	-	95,910	-	95,910	50,020	208
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM	8,945	15,546	1,017	4,122	35,683	175,858	241,171	-	241,171	415,880	57,585
OREGON	ASTORIA-PT. ELLICE BRIDGE	943	314	-	-	148	800	2,205	-	2,205	-	-
PENNSYLVANIA	DELAWARE RIVER BRIDGES	12,589	32,671	11,337	-	17,762	109,747	184,100	21,577	205,677	120,688	27,482
	PENNSYLVANIA TURNPIKE SYSTEM	83,010	55,493	35,769	10,898	66,124	5,136	246,430	-	246,430	1,013,138	85,537
	TOTAL	95,593	88,164	47,106	10,898	73,886	114,883	430,530	21,577	452,107	1,133,726	113,019
RHODE ISLAND	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	3,161	1,030	941	-	2,138	750	8,028	-	8,028	16,661	-2,818
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	-	346	-	-	-	-	346	-	346	-	-
TEXAS	MOUNTAIN CREEK LAKE BRIDGE	-	257	150	-	269	-	676	-	676	732	1,309
	HOUSTON SHIP CHANNEL BRIDGE	3	1,147	405	-	334	-	1,889	-	1,889	10,177	11,738
	DALLAS NORTH TOLLWAY	6,160	5,797	1,226	-	10,295	225,331	248,809	-	248,809	59,620	26,726
		TOTAL	6,163	7,201	1,781	-	10,898	225,331	251,374	-	251,374	70,529
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL SYSTEM	1,248	5,481	1,148	-	7,590	11,785	27,232	-	27,232	32,156	6,234
	NORFOLK-VIRGINIA BEACH TOLL ROAD	7,364	2,408	-	-	613	642	11,027	-	11,027	27,754	-
	RICHMOND-PETERSBURG TURNPIKE	19,893	10,198	-	-	-	-	30,189	-	30,189	12,983	-
	DULLES TOLL ROAD	-	3,367	-	-	3,375	1,640	8,382	-	8,382	61,268	-
	POWHITE PARKWAY EXTENSION TOLL ROAD	522	2,604	-	-	7,917	-	11,043	-	11,043	1,514	-
	JAMESTOWN FERRY	-	429	-	-	-	-	429	-	429	-	-
	TOTAL	29,127	24,485	1,148	-	19,495	14,047	88,302	-	88,302	135,655	6,234
WASHINGTON	HOOD CANAL BRIDGE; PUGET SOUND FERRY SYSTEM	31,946	80,831	420	-	8,671	5,523	127,391	-	127,391	70,739	8,348
	MAPLE STREET (SPOKANE) BRIDGE	-	345	-	-	123	320	788	-	788	1,770	157
	TOTAL	31,946	81,176	420	-	8,794	5,843	128,179	-	128,179	72,509	8,505
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	4,847	9,786	1,532	1,065	1,860	-	19,090	-	19,090	35,842	7,277
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES	286,962	320,091	47,842	11,255	74,576	338,545	1,079,271	238,041	1,317,312	721,596	148,277
	TOTAL ROAD FACILITIES	954,823	610,929	189,795	97,267	536,591	653,454	3,042,859	207,280	3,250,139	4,772,600	1,019,127
	TOTAL FERRY FACILITIES	669	81,289	5,252	-	1,124	4,214	92,548	-	92,548	1,127	366
	GRAND TOTAL	1,242,454	1,012,309	242,889	108,522	612,291	996,213	4,214,678	445,321	4,669,999	6,495,323	1,167,404

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-38 AND 48 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/ TOLL REVENUES TRANSFERRED TO STATE HIGHWAY AGENCIES APPEAR IN TABLE SF-3A. OTHER AMOUNTS ARE ASSUMED TO HAVE BEEN SPENT FOR OTHER THAN HIGHWAY PURPOSES.

4/ 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 - 1989

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SMT
OCTOBER 1990

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	TOTAL RECEIPTS	CAPITAL OUTLAY	OPERATING ASSISTANCE	ADMINIS- TRATION	DEBT SERVICE	TRANSFER	OTHER	TOTAL DISBURSE- MENTS
ALABAMA	-	-	21	350	-	-	-	371	350	-	21	-	-	-	371
ALASKA	-	-	1,237	-	-	-	-	1,237	-	-	-	1,237	-	-	1,237
ARIZONA	-	-	-	931	-	-	2/ 20,735	21,666	440	94	363	20,700	-	-	21,597
ARKANSAS	-	-	241	2,638	-	-	-	2,879	1,145	694	753	-	287	-	2,879
CALIFORNIA	332,012	11,769	110,000	121,708	382	-	14,601	590,472	163,247	392,577	4,728	-	-	41,491	602,043
COLORADO	9,227	-	-	-	-	-	-	9,227	-	9,073	155	-	-	-	9,228
CONNECTICUT	68,763	-	35,035	39,298	-	-	167	143,263	13,022	100,297	8,663	12,261	-	-	134,243
DELAWARE	-	5,801	2,091	-	-	-	317	8,209	2,865	5,217	145	-	-	-	8,227
DIST. OF COL.	28,717	-	73,940	330	-	4,415	2/ 10,463	117,865	8,387	105,876	600	-	3,003	-	117,866
FLORIDA	81,020	-	-	5,458	-	-	-	86,478	75,008	7,045	4,425	-	-	-	86,478
GEORGIA	-	-	171,754	5,925	-	-	-	177,679	914	90	2,738	-	173,938	-	177,650
HAWAII	-	-	1,525	-	-	-	-	1,525	75	1,200	250	-	-	-	1,525
IDAHO	5	-	-	500	-	-	-	505	-	500	5	-	-	-	505
ILLINOIS	-	-	114,276	7,367	-	49,252	140	171,035	6,970	168,846	1,034	-	-	-	176,850
INDIANA	-	-	18,568	3,392	-	-	-	21,980	690	21,048	242	-	-	-	21,980
IOWA	-	-	4,160	5,685	-	-	-	9,845	218	4,584	1,643	-	3,400	-	9,845
KANSAS	-	-	-	-	211	-	-	211	-	-	223	-	-	-	223
KENTUCKY	-	-	451	1,018	64	-	-	1,533	162	234	222	-	-	-	618
LOUISIANA	-	-	3,781	5,224	-	-	-	9,005	2,653	5,613	16	-	-	723	9,005
MAINE	-	-	400	2,352	-	-	-	2,752	1,448	1,067	102	-	-	-	2,617
MARYLAND	1,031	-	131,863	44,812	-	-	2/ 63,361	241,067	103,220	125,696	12,152	-	-	-	241,068
MASSACHUSETTS	125,746	-	190,066	3,871	-	-	357	320,040	1,872	214,530	3,139	100,499	-	-	320,040
MICHIGAN	104,177	-	44,446	4,159	-	-	11,063	163,845	24,860	115,398	7,114	1,944	-	-	167,834
MINNESOTA	2,512	-	15,003	2,647	-	-	-	20,162	1,910	16,619	1,634	-	-	-	20,163
MISSISSIPPI	32	-	-	30	-	-	-	62	-	-	62	-	-	-	62
MISSOURI	-	-	1,556	-	-	-	-	1,556	-	1,471	85	-	-	-	1,556
MONTANA	146	-	-	-	-	-	-	146	55	71	20	-	-	-	146
NEBRASKA	1,000	-	-	1,433	-	-	-	2,433	533	1,760	140	-	-	-	2,433
NEVADA	384	-	-	317	-	-	-	701	441	172	87	-	-	-	700
NEW HAMPSHIRE	22	-	-	1,610	-	-	-	1,632	-	1,610	22	-	-	-	1,632
NEW JERSEY	-	-	87,373	2,196	-	-	2/ 272,212	361,781	74,678	211,484	62,601	13,017	-	-	361,780
NEW MEXICO	353	-	-	-	-	-	353	353	72	280	-	-	-	-	352
NEW YORK	-	61,415	1,092,572	13,491	-	17,800	2/ 129,240	1,314,518	178,665	1,057,691	-	65,320	12,842	-	1,314,518
NORTH CAROLINA	7,675	-	-	-	-	-	-	7,675	4,375	767	2,533	-	-	-	7,675
NORTH DAKOTA	214	-	-	770	-	-	-	984	358	511	116	-	-	-	985
OHIO	25,466	-	-	6,460	-	-	-	31,926	7,834	23,663	430	-	-	-	31,927
OKLAHOMA	-	-	-	2,170	-	-	-	2,170	-	1,977	-	-	-	-	1,977
OREGON	-	-	11,279	1,924	-	-	-	13,203	5,721	6,919	563	-	-	-	13,203
PENNSYLVANIA	238	18,379	245,656	2,715	-	30,741	2/ 146,465	444,194	11,518	396,091	4,067	32,517	-	-	444,193
RHODE ISLAND	12,880	-	-	1,243	-	-	-	14,123	2,759	9,572	122	1,670	-	-	14,123
SOUTH CAROLINA	426	-	-	3,909	-	-	2,830	7,165	4,620	2,246	299	-	-	-	7,165
SOUTH DAKOTA	-	-	60	1,037	429	-	-	1,526	414	645	467	-	-	-	1,526
TENNESSEE	9,860	-	-	3,183	-	-	-	13,043	2,393	7,559	2,994	-	-	-	12,946
TEXAS	-	-	-	12,676	-	-	-	12,676	12,973	216	260	-	-	-	13,439
UTAH	-	-	25,703	5,243	-	-	2/ 5,934	36,880	5,000	25,880	6,000	-	-	-	36,880
VERMONT 3/	-	-	-	-	-	-	-	-	-	29,746	1,716	-	-	409	75,633
VIRGINIA	-	-	76,346	3,501	-	-	-	81,504	162,170	56,875	663	-	100,969	-	169,400
WASHINGTON	158,908	-	-	2,840	66	-	-	162,170	56,875	663	893	-	-	-	169,400
WEST VIRGINIA	-	-	1,179	-	-	-	-	1,179	695	484	-	-	-	-	1,179
WISCONSIN	47,728	-	-	2,978	-	-	-	50,706	325	48,433	1,948	-	-	-	50,706
WYOMING	-	-	58	1,747	324	-	78	2,207	889	611	447	-	-	-	1,947
TOTAL 3/	1,018,542	97,364	2,460,660	329,138	1,476	102,208	679,976	4,689,364	810,411	3,140,820	136,229	245,039	317,083	42,623	4,692,205

1/ HIGHWAY-USER TAX REVENUES INCLUDE MOTOR-FUEL AND MOTOR-VEHICLE REVENUE.
2/ IN MARYLAND, NEW JERSEY, NEW YORK, AND UTAH, INCLUDES \$63,361,000,
\$272,212,000, \$129,240,000, AND \$5,934,000, RESPECTIVELY, FROM FARES. IN DISTRICT
OF COLUMBIA, INCLUDES \$10,463,000 FROM PARKING METERS. IN ARIZONA, INCLUDES

\$20,700,000 FROM THE LOTTERY FUND. IN PENNSYLVANIA, INCLUDES \$131,757,000 FROM THE
LOTTERY FUND AND \$14,708,000 FROM FARES.

3/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

LOCAL GOVERNMENT RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS - SUMMARY - 1988

TABLE LF-21
AUGUST 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

STATE	RECEIPTS										DISBURSEMENTS										TOTAL
	PROPERTY TAX	GENERAL FUND	LOCAL HIGHWAY-USER REVENUE	TOLLS	MISCELLANEOUS-LANEWAYS	BOND PROCEEDS (FAR)	PAYMENTS FROM GOVERNMENT		TOTAL	CAPITAL OUTLAY			MAINTENANCE	PRINTING-PUBLICATION AND POLICE	PAYMENTS TO STATES	BOND INTEREST	REPAIRS ON (FAR)	TOTAL			
							STATE	FEDERAL		COUNTIES	MUNICIPALITIES	TOTAL									
ALABAMA	19,621	59,702	5,300	-	1,557	32,733	168,714	10,403	292,680	36,507	10,523	47,030	214,186	20,389	-	4,015	9,926	295,556			
ALASKA	57,000	60,013	-	-	9,200	14,000	65,000	2,111,243	292,680	25,000	115,000	115,000	36,100	20,389	17,749	15,500	15,500	211,239			
ARIZONA	148,953	204,490	-	-	148,953	204,490	113,920	10,503	759,759	128,980	226,754	355,734	135,887	93,525	29,768	22,440	22,440	680,018			
ARKANSAS	22,000	38,145	-	-	10,375	-	-	8,744	133,692	44,000	21,000	65,000	99,000	26,1525	1,559	1,439	1,439	193,192			
CALIFORNIA	99,295	662,102	-	16,025	729,841	151,400	690,740	170,760	2,554,233	214,450	601,691	615,079	1,068,732	645,912	74,491	36,302	49,597	2,660,053			
COLORADO	81,270	186,405	-	824	154,245	130,021	32,910	7,039	239,137	75,070	16,329	191,399	199,000	19,780	7,154	3,732	3,732	239,312			
CONNECTICUT	-	11,762	-	-	240	3,587	3,587	2	19,178	4,500	4,270	4,270	6,752	5,180	-	1,593	1,593	18,121			
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA	230,000	256,478	325,000	13,724	182,964	109,000	243,577	4,895	1,356,639	325,605	150,016	475,621	574,530	175,730	14,711	41,061	68,073	1,349,726			
GEORGIA	19,000	90,836	24,000	-	133,560	12,600	11,911	2,849	551,507	80,000	22,000	102,000	310,000	116,600	13,007	9,700	9,700	551,507			
HAWAII	-	-	-	-	-	-	-	-	102,409	16,779	9,727	26,506	84,276	22,786	1,109	4,177	4,177	111,937			
ILLINOIS	210,000	117,477	189,000	18,836	108,860	6,000	317,933	4,244	966,350	155,002	150,883	305,885	538,220	81,011	20,528	16,385	13,045	975,075			
INDIANA	44,782	25,415	19,382	-	27,354	31,368	293,185	9,550	395,268	68,541	20,920	89,461	194,544	38,374	14,773	16,794	16,794	348,226			
IOWA	143,856	151,359	-	863	15,963	31,368	289,642	43,056	553,269	63,210	104,850	168,060	256,962	50,220	3,263	21,331	45,164	538,580			
KANSAS	136,000	151,359	-	-	33,500	-	79,453	1,250	401,682	31,500	23,000	54,500	256,000	22,350	14,549	21,087	29,385	397,871			
KENTUCKY	3,500	48,544	3,200	5,984	4,700	116,723	117,434	3,519	160,897	37,000	19,000	56,000	76,000	44,000	893	576	661	160,230			
LOUISIANA	63,008	124,709	-	-	116,313	38,000	15,823	1,753	486,576	23,527	146,764	146,764	141,455	87,449	38,878	53,088	53,088	467,615			
MAINE	22,000	200,380	200	-	30,500	-	248,237	65,998	606,313	140,000	150,000	290,000	149,000	80,000	-	36,862	48,000	606,313			
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MASSACHUSETTS	350,845	13,707	-	-	7,125	10,150	88,785	4,875	475,487	17,000	80,000	97,000	249,500	117,400	890	5,213	6,537	476,540			
MICHIGAN	34,700	306,060	-	648	131,541	11,000	545,805	12,398	1,042,150	64,069	194,000	194,000	616,832	181,201	19,826	10,020	20,000	1,040,948			
MINNESOTA	196,305	363,715	3,200	260	59,685	12,600	329,087	27,124	1,405,849	193,895	255,481	449,176	369,153	153,201	33,571	45,108	70,605	1,419,514			
MISSISSIPPI	43,500	149,049	-	-	2,000	19,000	89,840	7,868	230,557	10,000	27,000	37,000	182,000	30,470	1,657	11,823	17,745	290,695			
MISSOURI	66,200	85,523	13,000	2,365	103,810	7,500	134,893	26,887	441,379	36,000	85,000	121,000	213,690	73,742	3,987	11,028	16,319	439,766			
MONTANA	15,869	10,353	-	-	60,700	15,610	3,970	1,700	479,878	37,250	30,000	67,250	297,858	123,154	18,035	1,374	2,860	607,671			
NEBRASKA	98,511	23,453	7,246	509	9,815	14,596	104,451	37,598	60,084	4,300	11,000	15,300	36,300	21,000	1,545	2,413	79,148	1,119,514			
NEVADA	7,500	17,204	22,623	-	7,500	3,000	34,242	273	92,342	26,000	6,000	31,000	30,000	16,400	1,263	7,297	6,382	92,342			
NEW HAMPSHIRE	-	98,349	-	-	-	-	14,646	188	113,189	11,400	14,000	25,400	56,000	21,400	3,549	2,774	2,860	111,983			
NEW JERSEY	4,300	482,295	2,600	12,210	2,923	2,750	35,118	1,700	479,878	37,250	30,000	67,250	297,858	123,154	18,035	1,374	2,860	607,671			
NEW MEXICO	455,000	1,476,415	-	369,868	245,098	160,000	224,987	32,003	2,967,378	350,000	493,320	843,320	1,286,232	330,534	1,590	144,458	174,975	2,749,559			
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH CAROLINA	2,684	160,157	8,080	-	12,719	30,859	65,600	1,843	292,092	89,114	89,114	89,114	74,469	92,651	11,885	5,103	6,921	271,084			
NORTH DAKOTA	49,200	14,776	-	-	2,950	12,126	51,151	3,970	133,572	12,000	12,000	24,000	24,000	33,975	12,503	17,949	22,808	257,807			
OHIO	149,493	420,595	-	-	94,830	22,828	382,262	23,647	1,103,566	112,851	155,849	268,200	486,009	84,100	24,116	21,602	163,614	1,047,643			
OKLAHOMA	25,670	145,356	-	-	4,353	21,935	135,157	9,012	341,483	54,851	49,839	104,690	147,000	66,147	2,688	5,240	4,277	1,330,043			
OREGON	47,021	57,105	9,472	1,707	42,658	1,766	124,926	79,236	382,891	70,480	48,228	118,708	115,172	73,543	12,688	11,218	18,262	349,491			
PENNSYLVANIA	24,300	46,784	-	23	53,001	10,500	207,026	39,257	1,046,931	75,000	67,000	142,000	49,024	391,004	10,799	23,000	23,000	1,046,931			
RHODE ISLAND	12,089	68,475	-	-	3,773	-	19,814	2,328	107,050	18,435	11,392	29,757	36,120	36,319	4,330	-	242	49,424			
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SOUTH DAKOTA	16,655	65,371	672	-	1,082	2,447	25,741	1,656	113,623	18,030	15,849	33,879	52,688	20,178	2,388	1,534	2,545	114,624			
TENNESSEE	40,358	45,019	-	13	5,298	3,401	139,157	6,936	316,447	41,336	39,462	79,798	180,284	25,916	7,879	7,605	13,314	314,497			
TEXAS	686,377	57,387	57,387	19,818	302,372	381,157	93,941	24,755	2,294,550	360,397	488,130	848,527	693,506	611,412	61,549	306,687	185,620	3,301,301			
UTAH	-	59,106	-	-	2,250	-	41,932	2,957	2,106,255	11,850	15,700	27,350	62,700	12,350	3,300	73	100	2,106,873			
VERMONT	41,500	3,486	-	-	55,640	1,045	18,502	1,245	65,778	12,350	3,100	15,450	49,300	3,460	219	573	973	65,812			
VIRGINIA	176,957	48,470	1,639	671	81,874	40,978	186,687	52,392	492,549	67,000	67,000	227,000	176,008	112,600	29,689	21,921	478,596				
WASHINGTON	-	-	-	-	3,661	-	-	2,000	63,885	-	-	-	-	-	-	-	-	63,885			
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WISCONSIN	163,284	456,236	370	51	87,299	826	204,813	884	912,931	102,034	112,585	214,679	341,054	223,910	38,874	38,874	69,001	912,931			
WYOMING	7,127	-	-	-	44,284	-	14,873	1,242	68,352	14,432	14,432	20,425	28,057	15,901	1,356	712	1,895	68,347			
TOTAL	4,161,829	6,718,253	754,497	478,198	3,082,722	1,876,823	5,747,626	786,817	26,856,765	3,372,240	4,411,651	7,783,791	11,236,568	4,546,146	511,629	1,076,747	1,338,885	26,493,766			

1. THIS TABLE REPORTS LOCAL GOVERNMENT RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS. IT INCLUDES DATA FOR COUNTIES AND MUNICIPALITIES REPORTED IN TABLES LF-1, LF-2, LB-2, UF-1, UF-2 AND UB-2. EXCLUDES NONHIGHWAY USE OF ROAD-USER IMPOSTS.

RECEIPTS OF COUNTIES AND TOWNSHIPS FOR HIGHWAYS - 1988 ¹

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-1
AUGUST 1990

STATE	LOCAL REVENUES							MUNICIPALITIES	PAYMENTS FROM OTHER GOVERNMENTS				BONDS AND NOTES	TOTAL RECEIPTS	
	PROPERTY TAXES AND SPECIAL ASSESSMENTS ^{2/}	GENERAL FUND APPROPRIATIONS ^{2/}	LOCAL HIGHWAY-USER REVENUES	OTHER LOCAL IMPOSTS	ROAD AND CROSSING TOLLS	MISCELLANEOUS	TOTAL		STATES			FEDERAL ^{4/}			TOTAL
									HIGHWAY-USER IMPOSTS	OTHER ^{3/}	TOTAL				
ALABAMA ^{5/}	17,888	-	420	-	-	358	18,664	-	137,828	9,386	147,224	1,821	149,045	24,260	191,969
ALASKA ^{6/}	30,000	7,127	700	-	-	700	38,527	-	-	12,000	12,000	230	12,230	-	50,757
ARIZONA ^{7/}	11,557	46,156	-	90,000	-	8,793	156,506	1,109	108,672	1,417	110,089	4,380	115,578	61,745	333,829
ARKANSAS ^{5/}	6,000	29,349	-	-	-	10,500	47,848	-	39,745	27,000	66,745	5,244	71,989	-	119,837
CALIFORNIA	19,107	116,824	-	103,592	28,033	194,354	461,910	3,392	340,282	4,493	344,775	80,103	428,270	7,453	897,633
COLORADO	65,185	14,120	-	6,654	-	49,504	135,463	122	70,463	8,225	78,688	5,084	83,894	112,511	331,868
CONNECTICUT ^{6/}	-	26,476	-	-	-	800	27,276	-	10,471	15	10,486	-	10,486	-	37,762
DELAWARE ^{5/}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA ^{6/}	150,000	85,906	220,000	20,000	10,344	58,400	544,650	-	114,782	57,000	171,782	2,646	174,428	82,500	801,578
GEORGIA ^{6/}	13,500	182,011	24,000	120,000	-	13,500	353,011	-	9,311	1,600	10,911	1,999	12,910	10,000	375,921
HAWAII	-	918	9,093	-	-	600	16,009	-	35,772	109	35,881	1,098	36,979	-	52,986
IDaho	23,397	10,240	-	-	-	8,559	42,196	-	30,430	2,828	33,258	6,182	41,440	-	83,636
ILLINOIS ^{5/}	185,000	40,397	78,000	-	268	39,015	342,680	-	153,400	22,617	176,017	2,244	178,261	7,500	528,441
INDIANA	14,680	366	8,023	-	-	20,189	43,258	-	169,165	25,530	194,695	7,610	202,305	-	245,563
IOWA	56,776	3,651	-	-	-	2,255	62,682	-	153,132	29,816	182,948	20,997	203,945	-	266,827
KANSAS ^{6/}	111,000	51,380	-	-	-	20,000	182,380	-	38,965	6,630	45,595	1,000	46,595	-	228,975
KENTUCKY ^{6/}	2,500	7,471	-	100	-	1,600	11,671	-	78,017	11,000	89,017	2,999	92,016	-	103,687
LOUISIANA	17,704	12,003	-	38,554	5,984	13,139	87,384	-	19,677	27,807	47,484	4,169	51,653	31,272	170,309
MAINE	-	65,269	-	-	-	-	65,269	-	8,871	-	8,871	698	9,569	169	75,007
MARYLAND ^{5/ 6/}	13,000	152,488	-	-	-	-	176,488	100	126,226	7,162	133,388	6,099	139,587	30,000	346,075
MASSACHUSETTS ^{6/}	35,845	-	-	-	-	625	36,470	150	18,000	625	18,625	375	19,150	1,650	57,270
MICHIGAN ^{6/}	10,700	151,509	-	-	648	61,541	224,398	-	348,679	100	348,779	7,396	356,175	8,500	589,073
MINNESOTA	154,085	39,220	-	-	-	17,992	211,297	-	175,599	47,008	222,607	27,124	249,731	18,240	479,268
MISSISSIPPI ^{6/}	41,500	29,047	3,200	-	-	2,100	75,847	-	51,560	12,200	63,760	7,568	71,328	9,400	156,575
MISSOURI ^{5/}	59,000	239	-	59,000	640	1,035	113,914	5,000	41,987	12,010	53,997	15,106	74,103	1,250	189,267
MONTANA ^{7/}	-	-	-	52,617	-	782	53,399	-	6,350	4,457	10,807	19,602	30,409	-	83,808
NEBRASKA	62,715	4,013	-	1,975	202	3,239	72,144	1	38,472	14,002	52,474	22,250	74,725	25	146,894
NEVADA ^{6/}	7,500	1,260	22,623	-	-	2,500	33,883	12,000	19,123	30	19,153	273	31,426	3,000	68,309
NEW HAMPSHIRE ^{5/}	-	41,200	36,000	-	-	-	77,200	-	-	26	8,000	188	8,214	-	85,414
NEW JERSEY ^{6/}	-	102,961	-	-	12,261	923	116,145	-	-	-	-	1,500	1,500	12,000	129,645
NEW MEXICO ^{6/}	300	-	2,500	-	-	500	3,300	-	29,314	2,000	31,314	1,140	32,454	-	35,754
NEW YORK ^{6/}	175,000	666,092	-	-	2,921	30,196	874,209	1,100	128,509	-	128,509	21,003	150,612	85,000	1,109,821
NORTH CAROLINA ^{5/ 6/}	-	684	-	-	-	684	-	-	-	-	-	-	-	-	684
NORTH DAKOTA ^{6/}	24,200	9,150	-	-	-	1,950	35,300	115	27,389	9,178	36,567	3,360	40,042	275	75,617
OHIO	64,022	92,278	-	-	-	21,881	178,181	808	279,913	3,779	283,692	8,752	293,252	16,607	488,040
OKLAHOMA	670	31,247	-	-	-	4,363	36,270	1,119	105,546	14,077	119,623	5,512	125,254	639	163,163
OREGON	15,311	33,455	7,822	-	109	15,814	72,511	401	74,985	1,525	76,510	75,400	152,311	2,008	228,890
PENNSYLVANIA ^{6/}	48,000	180,671	22,000	-	23	23,001	273,695	-	135,922	-	135,922	24,772	160,694	6,000	440,389
RHODE ISLAND ^{6/}	-	2,633	-	-	-	-	2,633	-	-	-	90	200	290	-	2,923
SOUTH CAROLINA	9,424	28,507	-	-	-	1,071	39,002	-	16,872	1,958	18,830	1,686	20,516	50	59,568
SOUTH DAKOTA	13,699	25,216	580	-	-	1,082	40,577	-	14,203	7,599	21,802	1,655	23,457	-	64,034
TENNESSEE	40,303	3,804	10,536	-	13	1,551	56,207	-	118,554	7,419	125,973	350	126,323	6,585	189,115
TEXAS	343,350	81,487	60,239	-	17,496	108,631	611,203	-	88,695	6,866	95,461	3,002	98,463	61,412	771,078
UTAH	-	23,345	-	-	-	1,300	24,645	300	22,107	-	22,107	2,397	24,804	-	49,449
VERMONT ^{6/}	30,200	2,029	-	-	-	-	32,229	-	16,319	-	16,319	1,145	17,464	1,250	50,943
VIRGINIA ^{5/ 6/}	100	60,095	47,000	12,500	-	26,000	145,695	-	10,305	-	10,305	356	10,661	10,000	166,356
WASHINGTON	126,706	5,349	128	6,635	671	5,142	144,631	-	103,266	10,251	113,517	38,217	151,734	3,554	299,919
WEST VIRGINIA ^{5/}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	48,023	224,793	140	-	-	-	272,956	-	101,898	-	101,898	832	102,730	19,028	394,714
WYOMING	4,012	-	-	14,278	-	116	18,406	73	5,448	1,552	7,000	1,230	8,303	-	26,709
TOTAL	2,047,957	2,692,435	553,004	531,303	79,613	786,591	6,690,903	25,790	3,604,240	419,281	4,023,521	448,994	4,498,305	653,883	11,843,091

1/ THIS TABLE IS ONE OF A SERIES (LF-1, 2, 32, 42 AND LB-2) PROVIDING THE FINANCING OF ROADS, STREETS AND TOLL FACILITIES BY COUNTY AND TOWNSHIP GOVERNMENTS. SIMILAR INFORMATION FOR INCORPORATED AND OTHER MUNICIPAL GOVERNMENTS IS GIVEN IN THE UF SERIES. REFERENCE SHOULD BE MADE TO THE "INTRODUCTION" AND "HIGHWAY FINANCE" TEXTUAL SECTIONS OF THE ANNUAL HIGHWAY STATISTICS FOR ADDITIONAL INFORMATION CONCERNING LOCAL GOVERNMENT STRUCTURE AND HIGHWAY FINANCING, RESPECTIVELY.

2/ CLASSIFICATION OF PROPERTY TAXES AND GENERAL FUND APPROPRIATIONS IS NOT ALWAYS AVAILABLE. IN SOME STATES THESE FUNDS MAY BE COMINGLED OR INTERCHANGED.

3/ INCLUDES APPROPRIATIONS FROM THE STATE GENERAL FUNDS AND MISCELLANEOUS STATE TAXES, I.E., SEVERANCE TAXES, SALES TAXES, BOND PROCEEDS, STATE TOLL REVENUES, ETC.

4/ INCLUDES: REVENUE SHARING, FLOOD RELIEF, HIGHWAY SAFETY, CERTAIN FEDERAL-AID FUNDS

AND OTHER MISCELLANEOUS PAYMENTS.

5/ COUNTY ROADS ARE UNDER STATE CONTROL IN DELAWARE (EXCEPT TRANSACTIONS UNDER PROVISIONS OF THE 1945 SUBURBAN COMMUNITY ROAD ACT), NORTH CAROLINA, WEST VIRGINIA, TEN COUNTIES IN ALABAMA, ALL BUT THREE COUNTIES IN VIRGINIA, AND IN MARYLAND THE STATE PERFORMS THE HIGHWAY FUNCTION IN SIX COUNTIES. DATA FOR THESE SYSTEMS ARE INCLUDED IN THE STATE HIGHWAY FINANCE SERIES.

6/ ESTIMATED BY FHWA.

7/ 1989 DATA.

8/ SINCE 1988 STATE FINANCE DATA WERE NOT REPORTED, STATE HIGHWAY-USER IMPOSTS WERE ESTIMATED BY FHWA.

DISBURSEMENTS BY COUNTIES AND TOWNSHIPS FOR HIGHWAYS - 1988¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-2
AUGUST 1990

STATE	CAPITAL OUTLAY				MAINTENANCE			TRAFFIC POLICE	ADMINIS- TRATION AND MISCEL- LANEOUS	INTEREST 4/	SUBTOTAL CURRENT DISBURSE- MENTS	DEBT RETIREMENT 4/	TRANSFERS TO		NON- HIGHWAY	TOTAL
	RIGHT- OF- WAY 2/	ENGINEER- ING 3/	CONSTRUC- TION	TOTAL	ROADS AND BRIDGES	SNOW REMOVAL	TOTAL						STATE GOVERN- MENTS	LOCAL GOVERN- MENTS		
ALABAMA 5/ ALASKA 6/ ARIZONA 2/ ARKANSAS 6/	- 8,014 300	1,095 1,000 8,420 4,000	35,412 24,000 112,546 39,700	36,507 25,000 128,980 44,000	127,427 8,900 51,564 49,000	1,417 1,200 1,800 1,189	128,844 8,100 52,753 49,000	4,020 1,800 3,500 1,275	8,044 590 16,966 15,000	2,509 8,167 6,232 -	179,924 43,757 208,431 109,275	9,880 7,000 5,940 -	- - 82,148 62	- - 1,224 10,500	420 - - -	180,224 50,757 297,743 119,837
CALIFORNIA COLORADO CONNECTICUT 6/ DELAWARE 5/	15,143 1,264 - -	17,832 3,564 300 -	181,483 70,243 4,200 -	214,458 80,000 4,500 -	337,166 92,740 26,600 -	7,183 15,807 2,400 -	344,349 106,547 29,000 -	99,374 796 2,600 -	97,144 16,429 1,200 -	1,367 16,545 137 -	756,692 106,547 37,437 -	977 8,963 325 -	34,213 1,601 - -	89,751 18,013 - -	12,028 - - -	893,661 245,965 37,762 -
FLORIDA 6/ GEORGIA 6/ HAWAII IDAHO	25,000 6,000 50 2,780	30,000 4,200 1,128 1,260	270,605 69,800 35,459 12,739	325,605 80,000 36,697 16,779	342,580 200,000 14,132 49,138	- - - 2,620	342,580 200,000 14,132 51,758	29,000 50,000 693 834	16,695 19,000 2,201 13,233	31,027 11,121 108 5	744,907 360,121 53,771 82,609	47,930 7,800 57 3	6,472 - 1,109 2,550	- 8,000 - 3,320	475 - - -	799,784 375,921 54,937 88,482
ILLINOIS 6/ INDIANA IOWA KANSAS 6/	2,800 12 2,140 625	29,000 281 4,146 2,635	123,202 68,248 56,914 28,040	155,002 68,541 63,200 31,500	232,638 127,738 152,359 168,000	7,500 3,098 9,709 -	240,138 130,836 162,068 168,000	125 114 1,866 1,650	32,100 8,300 24,022 5,400	466 579 - 6,090	427,831 208,370 251,156 212,640	1,714 950 - 9,046	8,853 1,120 722 7,289	- 187 96 -	90,000 - - -	528,398 210,627 251,974 228,975
KENTUCKY 6/ LOUISIANA MAINE MARYLAND 5/ 6/	550 279 - 6,000	1,200 2,089 772 7,000	35,250 20,839 7,803 127,000	37,000 23,207 8,575 140,000	49,700 85,146 38,438 76,900	2,300 - 25,705 8,100	52,000 85,146 64,141 85,000	7,100 8,497 - 30,000	6,300 18,423 1,743 26,000	331 10,892 74 27,814	102,731 146,155 74,533 308,814	787 33,469 - 35,461	169 - - 1,800	- 649 - -	- - - -	103,687 180,283 75,007 346,075
MASSACHUSETTS 6/ MICHIGAN 6/ MINNESOTA MISSISSIPPI 6/	650 2,000 7,784 -	2,600 5,760 16,344 900	13,750 56,309 169,567 9,100	17,000 64,089 193,695 10,000	22,000 415,832 179,493 126,000	7,500 35,000 25,226 -	29,500 450,832 204,719 126,000	5,000 12,000 35,350 120	4,400 25,201 27,672 3,500	254 3,643 3,186 3,950	56,154 655,645 146,622 463,570	851 13,615 6,728 6,860	8,400 19,726 9,615 6,450	125 - 5,296 5,500	- - - -	57,270 688,986 486,261 156,575
MISSOURI 6/ MONTANA 7/ NEBRASKA NEVADA 6/	2,000 5,925 491 1,000	3,500 247 2,297 2,250	30,500 5,555 38,578 21,750	36,000 11,727 41,366 25,000	109,815 39,283 81,433 19,000	3,400 2,068 350 -	113,215 41,351 81,783 19,000	4,500 852 2,941 4,600	9,162 7,782 10,056 4,200	5,846 33 2,741 6,789	168,723 61,745 138,887 59,589	8,852 47 2,718 5,657	1,676 613 3,233 1,263	10,000 - 17 1,800	100 - - -	189,351 82,405 144,855 68,909
NEW HAMPSHIRE 6/ NEW JERSEY 6/ NEW MEXICO 6/ NEW YORK 6/	30 700 - -	400 1,000 301 45,000	10,970 35,550 3,999 305,000	11,400 37,250 4,300 350,000	16,000 52,858 20,000 476,182	12,000 1,000 - -	26,000 53,858 20,000 476,182	3,400 16,085 2,000 85,000	4,000 17,069 5,000 46,593	997 2,121 784 29,460	47,797 126,383 32,094 987,235	1,817 3,535 1,134 95,525	- - 1,590 -	- - 26,000 -	36,000 51 - -	85,414 129,969 34,818 1,108,760
NORTH CAROLINA 5/ NORTH DAKOTA 6/ OHIO OKLAHOMA	- 500 3,618 331	- 1,450 10,139 1,023	- 23,550 98,894 53,497	- 25,500 112,651 54,851	- 38,150 206,275 76,223	- 850 17,798 777	- 39,000 224,073 77,000	- 1,700 17,522 25	- 4,600 39,896 15,122	- 70 1,751 275	- 70,870 395,893 147,273	- 360 13,803 1,315	684 4,157 7,517 2,689	- 230 10,152 -	- - - -	- 75,617 427,365 151,277
OREGON PENNSYLVANIA 6/ RHODE ISLAND 6/ SOUTH CAROLINA	3,466 1,500 - 142	4,516 6,750 65 1,047	62,498 76,000 560 17,246	70,480 76,000 825 18,435	70,625 206,024 1,225 26,057	2,945 23,000 225 409	73,570 229,024 1,450 26,466	11,502 66,000 600 8,013	23,497 35,004 200 7,038	2,352 3,032 12 73	181,411 408,060 2,887 59,025	4,625 8,000 36 66	5,259 2,333 - 22	16,229 - 457 -	- 22,000 - -	207,524 440,393 2,923 59,570
SOUTH DAKOTA TENNESSEE TEXAS UTAH	346 2,138 22,646 350	701 3,528 23,793 1,300	16,983 35,670 313,958 10,000	18,030 41,336 360,397 11,650	36,730 111,975 320,751 26,000	3,235 4,664 - 5,000	39,965 116,639 320,751 31,000	1,287 - 5,978 500	1,632 12,899 82,633 5,100	- 2,054 117,057 73	60,914 172,928 886,816 48,323	- 5,177 37,390 100	2,398 6,396 38,447 1,400	724 - 3,179 80	- 5,306 5,513 -	64,036 189,807 971,345 49,903
VERMONT 6/ VIRGINIA 5/ 6/ WASHINGTON WEST VIRGINIA 5/	10 3,200 6,810	750 900 17,926	11,600 45,900 71,931	12,380 50,000 96,469	27,000 29,800 118,074	8,300 2,200 6,380	35,300 32,000 124,454	80 43,000 6,049	2,500 1,300 38,924	187 9,610 6,521	50,427 135,910 272,417	515 21,400 4,478	- 6,696 -	- 350 -	- - -	50,943 166,356 276,895 -
WISCONSIN WYOMING	5,481 41	9,189 643	87,424 5,309	102,094 5,993	147,164 12,785	35,828 2,806	182,992 15,991	56,527 1,611	18,783 3,514	5,355 -	365,751 26,709	14,705 -	13,624 -	634 -	- -	394,714 26,709
TOTAL	141,916	284,443	2,945,081	3,372,240	5,239,918	289,189	5,529,107	635,486	786,167	331,610	10,654,610	429,886	278,431	214,313	171,893	11,749,133

1/ THIS TABLE RECORDS DISBURSEMENTS FOR ROAD AND STREET PURPOSES, INCLUDING TOLL FACILITY DATA, BY COUNTY AND TOWNSHIP GOVERNMENTS. REFER TO TABLE LF-1, NOTE 1, FOR ADDITIONAL INFORMATION CONCERNING THE LOCAL HIGHWAY FINANCE SERIES.
2/ IDENTIFIABLE DISBURSEMENTS FOR RIGHT-OF-WAY. IN SOME CASES, THESE EXPENDITURES MAY BE INCLUDED WITH CONSTRUCTION COSTS.
3/ ENGINEERING COSTS WERE ESTIMATED WHEN THE COMPLETE CLASSIFICATION OF EXPENDITURES WAS NOT AVAILABLE.
4/ INCLUDES PAYMENTS FOR LONG AND SHORT TERM DEBT; INTEREST COLUMN ALSO INCLUDES SMALL CHARGES FOR DEBT ADMINISTRATION.

5/ COUNTY ROADS ARE UNDER STATE CONTROL IN DELAWARE (EXCEPT TRANSACTIONS UNDER PROVISIONS OF THE 1945 SUBURBAN COMMUNITY ROAD ACT), NORTH CAROLINA, WEST VIRGINIA, TEN COUNTIES IN ALABAMA, ALL BUT THREE COUNTIES IN VIRGINIA, AND IN MARYLAND THE STATE PERFORMS THE HIGHWAY FUNCTION IN SIX COUNTIES. DATA FOR THESE SYSTEMS ARE INCLUDED IN THE STATE HIGHWAY FINANCE SERIES.
6/ ESTIMATED BY FHWA.
7/ 1989 DATA.
8/ SINCE 1988 STATE FINANCE DATA WERE NOT REPORTED, TRANSFERS TO THE STATE WERE ESTIMATED BY FHWA.

CHANGE IN INDEBTEDNESS DURING YEAR¹
COUNTY. TOWNSHIP OBLIGATIONS FOR HIGHWAYS - 1988

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LB-2
AUGUST 1990

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, FUNDS NOTES	FROM CURRENT OR SINKING FUNDS	BY REFUNDING			ORIGINAL	EXTENSIONS	FROM CURRENT OR SINKING FUNDS	BY EXTENSIONS OR FUNDING		
ALABAMA 3/	41,817	40,061	22,717	-	8,602	-	54,176	1,756	1,543	-	1,278	-	2,021	56,197
ALASKA 4/	102,083	102,083	-	-	7,000	-	95,083	-	-	-	-	-	-	95,083
ARIZONA 5/	39,795	39,795	61,323	-	5,940	-	95,178	-	-	-	-	-	-	95,178
ARKANSAS 4/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	19,531	19,531	7,453	-	977	-	26,007	-	-	-	-	-	-	26,007
COLORADO	774,881	774,833	102,367	10,449	8,843	-	878,606	248	-	-	120	-	128	878,734
CONNECTICUT 4/	1,948	1,853	-	-	300	-	1,553	95	-	-	25	-	70	1,623
DELAWARE 3/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 4/	441,950	430,740	80,000	-	42,625	-	488,115	10,610	2,500	-	5,305	-	7,805	475,920
GEORGIA 4/	148,284	148,284	10,000	-	7,800	-	150,484	-	-	-	-	-	-	150,484
HAWAII	1,620	1,620	-	-	57	-	1,563	-	-	-	-	-	-	1,563
IDAHO	68	68	-	-	3	-	65	-	-	-	-	-	-	65
ILLINOIS 4/	5,827	3,000	1,000	-	300	-	3,700	2,827	6,500	-	1,414	-	7,913	11,613
INDIANA	12,355	12,355	-	-	950	-	11,405	-	-	-	-	-	-	11,405
IOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS 4/	86,991	86,124	-	-	8,612	-	77,512	867	-	-	434	-	433	77,945
KENTUCKY 4/	4,813	3,600	-	-	180	-	3,420	1,213	-	-	607	-	606	4,026
LOUISIANA	163,206	163,112	31,260	-	33,421	-	160,951	94	12	-	48	-	58	161,009
MAINE	1,054	867	138	-	287	-	718	187	31	-	187	-	31	749
MARYLAND 3/ 4/	347,793	346,872	30,000	-	35,000	-	341,872	921	-	-	461	-	460	342,332
MASSACHUSETTS 4/	3,493	2,239	150	-	224	-	2,165	1,254	1,500	-	627	-	2,127	4,292
MICHIGAN 4/	50,614	43,383	6,000	-	10,000	-	39,383	7,231	2,500	-	3,615	-	6,116	45,499
MINNESOTA	41,776	41,297	12,014	-	5,947	-	47,364	479	6,789	-	781	-	6,487	53,851
MISSISSIPPI 4/	65,706	64,982	9,000	-	6,498	-	67,484	724	400	-	362	-	762	68,246
MISSOURI 4/	86,979	74,128	500	-	7,413	-	67,215	12,851	760	-	1,285	-	12,316	79,531
MONTANA 5/	474	474	-	-	47	-	427	-	-	-	-	-	-	427
NEBRASKA	40,374	40,109	-	-	2,702	-	37,407	265	25	-	125	-	165	37,572
NEVADA 4/	113,145	113,145	3,000	-	5,657	-	110,488	-	-	-	-	-	-	110,488
NEW HAMPSHIRE 4/	16,166	5,091	-	-	509	-	4,582	11,075	-	-	1,108	-	9,967	14,549
NEW JERSEY 4/	33,604	10,104	2,000	-	1,010	-	11,094	23,500	10,000	-	2,350	-	31,150	42,244
NEW MEXICO 4/	11,335	11,335	-	-	1,134	-	10,201	-	-	-	-	-	-	10,201
NEW YORK 4/	419,090	355,132	60,000	-	64,025	-	352,107	62,958	25,000	-	31,500	-	56,458	408,565
NORTH CAROLINA 3/ 4/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA 4/	1,019	858	125	-	280	-	703	161	150	-	80	-	231	934
OHIO	19,198	7,810	2,986	164	2,537	-	8,423	11,388	10,799	2,657	11,266	-	13,678	22,001
OKLAHOMA	8,233	8,233	78	-	1,200	-	7,111	-	561	-	115	-	446	7,557
OREGON	40,827	40,827	683	-	4,625	-	36,885	-	1,325	-	-	-	1,325	38,210
PENNSYLVANIA 4/	43,315	43,315	6,000	-	8,000	-	41,315	-	-	-	-	-	-	41,315
RHODE ISLAND 4/	255	255	-	-	36	-	219	-	-	-	-	-	-	219
SOUTH CAROLINA	1,000	1,000	-	-	50	-	950	-	50	-	16	-	34	984
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	28,775	20,639	3,401	-	2,747	-	21,293	8,136	3,184	-	2,430	-	8,890	30,183
TEXAS	1,916,037	1,916,021	81,412	-	37,382	-	1,960,051	16	-	-	8	-	8	1,960,059
UTAH	1,040	1,040	-	-	100	-	940	-	-	-	-	-	-	940
VERMONT 4/	3,148	2,965	1,000	-	300	-	3,665	183	250	-	216	-	217	3,882
VIRGINIA 3/ 4/	115,000	104,000	10,000	-	10,400	-	103,600	11,000	-	-	11,000	-	-	103,600
WASHINGTON	99,282	99,282	3,554	-	4,478	-	98,358	-	-	-	-	-	-	98,358
WEST VIRGINIA 3/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	76,831	76,831	19,028	-	14,705	-	81,154	-	-	-	-	-	-	81,154
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5,430,132	5,260,093	567,189	10,613	352,903	-	5,484,992	170,039	73,869	2,657	76,763	-	169,802	5,654,794

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, TEN COUNTIES IN ALABAMA, ALL BUT THREE COUNTIES IN VIRGINIA, AND IN MARYLAND THE STATE PERFORMS THE HIGHWAY FUNCTION IN SIX COUNTIES. DATA FOR THESE SYSTEMS ARE INCLUDED IN THE STATE HIGHWAY FINANCE SERIES.
4/ ESTIMATED BY FHWA.
5/ 1989 DATA.

RECEIPTS OF MUNICIPALITIES FOR HIGHWAYS - 1988¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-1
AUGUST 1990

STATE	LOCAL REVENUES							PAYMENTS FROM OTHER GOVERNMENTS					BONDS AND NOTES	TOTAL RECEIPTS	
	PROPERTY TAXES AND SPECIAL ASSESSMENTS 2/	GENERAL FUND APPROPRIATIONS 2/	LOCAL HIGHWAY-USER REVENUES	OTHER LOCAL IMPOSTS	ROAD AND CROSSING TOLLS	MISCELLANEOUS	TOTAL	COUNTIES AND TOWNSHIPS	STATES			FEDERAL 4/			TOTAL
									HIGHWAY-USER IMPOSTS	OTHER 3/	TOTAL				
ALABAMA	1,635	59,702	20,361	-	-	1,199	82,897	-	19,806	1,684	21,490	8,582	30,072	10,273	123,242
ALASKA 5/	27,000	52,886	4,600	-	-	8,500	92,986	-	-	53,000	500	53,500	14,000	160,486	
ARIZONA 5/	26,670	47,459	-	-	-	47,070	121,199	1,224	151,815	5,197	157,012	6,123	164,359	419,306	
ARKANSAS 5/	14,000	8,797	-	-	-	475	23,272	10,500	39,745	7,338	47,083	3,500	61,083	84,355	
CALIFORNIA	80,188	545,278	-	85,251	-	340,644	1,051,361	89,751	345,965	-	345,965	90,657	526,373	161,467	1,739,201
COLORADO	16,418	67,150	-	60,482	824	37,605	182,479	18,013	46,668	13,749	60,417	1,955	80,385	33,212	296,076
CONNECTICUT 5/	-	161,929	-	-	-	9,000	170,929	-	19,446	3,000	22,446	-	22,446	9,000	202,375
DELAWARE	-	11,782	-	-	-	240	12,022	-	2,500	1,067	3,567	2	3,569	4,652	20,243
FLORIDA 5/	80,000	170,572	130,000	28,000	3,855	76,564	488,991	-	63,295	8,500	71,795	2,250	74,045	22,000	585,036
GEORGIA 5/	2,300	168,986	-	-	-	150	171,436	6,000	-	1,000	1,000	550	9,550	2,600	183,586
HAWAII	-	16,718	15,680	11,528	-	1,570	45,496	-	-	4,560	4,560	6,117	10,677	9,149	65,322
IDAHO	2,963	626	-	-	-	2,491	6,080	3,320	13,684	793	14,477	216	18,013	-	24,093
ILLINOIS 5/	25,000	77,080	175,000	-	18,568	69,845	365,495	-	144,102	21,814	165,916	2,000	167,916	5,500	538,909
INDIANA	30,102	49	11,969	-	-	7,165	49,275	187	91,942	6,548	98,490	1,940	100,517	-	149,892
IOWA	93,180	21,580	-	-	853	11,708	127,321	96	74,477	31,417	105,894	22,059	128,049	31,162	286,532
KANSAS 5/	25,000	99,979	-	-	-	13,500	138,479	-	29,269	4,589	33,858	250	34,108	-	172,587
KENTUCKY 5/	1,000	41,073	3,200	-	-	3,000	48,273	-	26,317	2,100	28,417	520	28,937	-	77,210
LOUISIANA	47,302	84,686	-	47,899	-	16,327	196,214	649	3,169	3,169	11,524	15,342	85,069	296,625	
MAINE	-	59,440	-	-	-	59,440	59,440	-	6,953	-	6,953	1,052	8,005	6,787	74,232
MARYLAND 5/	9,000	47,892	200	-	-	19,500	76,592	1,800	126,349	8,000	134,349	59,897	196,046	8,000	280,638
MASSACHUSETTS 5/	315,000	13,707	-	-	-	6,500	335,207	125	70,000	160	70,160	4,500	74,785	12,000	421,992
MICHIGAN 5/	24,000	154,551	-	-	-	70,000	248,551	-	196,826	200	197,026	5,000	202,026	5,000	455,577
MINNESOTA	4,284	344,499	-	-	260	40,694	426,737	5,296	43,382	63,098	106,480	-	111,776	101,365	639,978
MISSISSIPPI 5/	21,000	120,002	-	-	-	500	122,502	5,500	1,480	400	1,880	100	7,480	139,982	
MISSOURI 5/	13,200	86,284	13,000	37,500	1,825	6,375	158,184	10,000	62,981	18,015	80,996	11,781	102,777	7,000	267,961
MONTANA 5/	15,859	10,833	-	7,301	-	33,993	67,983	-	7,837	1,054	8,891	-	8,891	15,610	58,494
NEBRASKA	35,796	19,450	7,309	1,453	407	3,248	67,663	17	36,737	13,240	51,977	15,349	67,343	19,944	164,950
NEVADA 5/	-	15,944	-	-	-	5,000	20,944	1,800	13,289	1,800	15,089	-	16,889	-	37,833
NEW HAMPSHIRE 5/	-	57,149	20,000	-	-	-	77,149	-	220	6,400	6,620	-	6,620	-	83,769
NEW JERSEY 5/	-	359,334	-	-	-	-	359,334	-	-	-	-	200	200	40,750	400,284
NEW MEXICO 5/	4,000	34,295	-	-	-	2,200	40,495	-	2,505	1,300	3,805	30	3,835	-	44,330
NEW YORK 5/	280,000	810,323	21,000	-	548,795	218,900	1,880,018	26,000	86,488	10,000	96,488	11,000	133,488	140,000	2,153,506
NORTH CAROLINA	2,664	159,473	8,090	-	-	12,719	182,946	-	66,660	-	66,660	1,943	68,603	39,859	291,408
NORTH DAKOTA 5/	25,000	5,626	-	-	-	1,000	31,626	230	13,272	1,312	14,584	10	14,824	12,000	58,450
OHIO	85,471	328,317	-	28,799	-	44,150	486,737	10,152	98,594	9,976	108,570	14,895	133,617	71,307	691,661
OKLAHOMA 5/	25,000	114,109	-	-	-	-	139,109	-	12,357	3,177	15,534	3,500	19,034	21,857	180,000
OREGON	31,710	23,650	650	-	1,598	26,844	84,452	16,229	47,123	1,293	48,416	3,836	68,481	5,164	158,097
PENNSYLVANIA 5/	192,000	315,443	30,000	-	-	30,000	567,443	-	71,104	-	71,104	14,495	85,599	4,500	657,542
RHODE ISLAND 5/	3,000	43,151	-	-	-	45,151	48,151	-	300	-	300	50	350	-	46,501
SOUTH CAROLINA	2,665	39,969	-	2,702	-	-	45,336	457	-	984	1,242	-	2,683	40	48,059
SOUTH DAKOTA	2,956	40,155	92	-	-	-	43,203	724	3,775	164	3,939	-	4,663	2,447	50,313
TENNESSEE	55	41,215	19,858	-	-	3,747	64,875	-	65,746	7,438	73,184	336	73,520	-	138,395
TEXAS	342,027	658,266	-	-	12,980	193,741	1,207,014	3,179	-	8,480	8,480	21,763	33,412	299,745	1,540,171
UTAH	-	34,761	-	-	-	950	35,711	80	19,625	200	19,825	570	20,475	-	55,186
VERMONT 5/	11,300	1,457	-	-	-	-	12,757	-	2,183	-	2,183	100	2,283	45	15,085
VIRGINIA 5/	8,500	118,385	30,000	1,000	12,754	16,140	186,779	350	123,542	3,122	126,664	1,250	128,264	10,000	325,043
WASHINGTON	50,251	43,122	1,511	46,796	-	23,301	164,961	-	50,577	25,543	76,120	14,125	90,245	37,424	292,650
WEST VIRGINIA 5/	-	57,241	8	-	975	3,661	61,885	-	-	-	-	2,000	2,000	-	63,885
WISCONSIN	115,261	231,443	230	-	51	-	346,989	634	102,915	-	102,915	52	103,601	68,261	518,651
WYOMING	3,115	-	-	29,890	-	-	33,005	-	4,156	3,717	7,873	12	7,885	826	41,716
TOTAL	2,113,872	6,025,818	512,748	388,601	604,745	1,376,227	11,022,011	214,313	2,408,007	358,598	2,766,605	347,823	3,328,741	1,461,763	15,812,515

1/ THIS TABLE IS ONE OF THE MUNICIPAL GOVERNMENT STREET FINANCE SERIES; TABLES UF-2, 32, 42 AND UR-2 CONTINUE THE SERIES. SEE TABLE UF-1, NOTE 1, FOR ADDITIONAL INFORMATION CONCERNING THE LOCAL HIGHWAY FINANCE SERIES.
2/ THE CLASSIFICATION OF PROPERTY TAXES AND GENERAL FUND APPROPRIATIONS IS NOT ALWAYS COMPLETE. IN SOME INSTANCES, THESE FUNDS MAY BE COMINGLED OR INTERCHANGED.
3/ INCLUDES APPROPRIATIONS FROM STATE GENERAL FUNDS, SALES TAXES, BOND PROCEEDS AND MISCELLANEOUS STATE TAXES.

4/ INCLUDES PAYMENTS FOR: REVENUE SHARING, FLOOD RELIEF, URBAN AREA DEVELOPMENT, SAFETY, CIVIL DEFENSE, SOME FEDERAL-AID FUNDS AND OTHER MISCELLANEOUS PAYMENTS.
5/ ESTIMATED BY FHWA.
6/ 1989 DATA.
7/ SINCE 1988 STATE FINANCE DATA WERE NOT REPORTED, STATE HIGHWAY-USER IMPOSTS WERE ESTIMATED BY FHWA.

Highway Finance

Highway Statistics, 1989

DISBURSEMENTS BY MUNICIPALITIES FOR HIGHWAYS - 1988

TABLE UF-2
AUGUST 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

STATE	RIGHT- OF- WAY 2/	CAPITAL OUTLAY			MAINTENANCE			TRAFFIC POLICE 4/	ADMINIS- TRATION AND MISCELL- LANEODS	INTEREST 5/	SUBTOTAL CURRENT DISBURSE- MENTS	DEBT RETIRE- MENT 5/	TRANSFERS TO		TOTAL
		ENGINEER- ING 3/	CONSTRUC- TION	TOTAL	ROADS AND BRIDGES	SNOW REMOVAL	TOTAL						STATE GOVERN- MENTS	NON- HIGHWAY	
ALABAMA 6/	-	936	8,587	10,523	65,342	3,300	231	8,104	1,506	105,706	1,420	-	-	127,487	
ALASKA 6/	39,380	2,600	86,587	108,567	66,194	-	13,200	11,760	3,982	91,882	8,504	-	-	160,486	
ARIZONA 3/	300	32,008	155,368	229,754	64,957	-	2,000	20,255	23,789	301,073	21,433	1,377	1,109	401,031	
ARKANSAS 6/	-	2,075	18,625	21,000	50,000	-	3,000	8,250	1,689	60,935	1,433	1,497	-	83,865	
CALIFORNIA 6/	27,583	51,663	522,375	601,621	716,861	722	300,860	148,534	34,935	1,802,333	45,620	40,218	3,392	1,891,583	
CONNECTICUT 6/	5,900	7,510	72,919	86,329	90,138	29,876	42,453	16,980	18,618	254,518	39,130	5,553	-	1,259,333	
DELAWARE 6/	-	74	4,196	4,270	6,517	235	2,480	13,500	3,595	197,575	4,800	-	-	202,375	
FLORIDA 6/	5,000	14,000	131,016	150,016	231,850	-	115,000	15,035	10,034	522,035	28,594	8,239	-	563,968	
GEORGIA 6/	3,000	1,000	18,000	22,000	110,000	-	40,000	7,800	1,866	181,686	1,900	-	-	183,586	
HAWAII 6/	15	4,349	3,863	8,227	20,844	-	8,644	11,248	3,817	52,780	4,120	-	-	72,580	
IDAHO 6/	185	321	3,250	3,756	15,192	330	745	3,946	1,821	24,000	86	-	-	24,176	
ILLINOIS 6/	2,700	20,000	128,183	150,883	278,082	20,000	12,000	36,786	15,890	513,671	12,915	11,675	-	542,261	
INDIANA 6/	678	2,092	18,200	20,970	55,708	5,371	24,960	5,700	2,215	120,800	3,330	13,653	-	137,783	
IOWA 6/	3,746	12,881	88,223	104,850	76,806	10,078	14,111	10,921	2,721	237,987	46,160	2,584	-	287,708	
KANSAS 6/	500	2,070	20,430	23,000	86,900	1,100	11,800	3,500	14,957	141,297	24,000	7,260	-	172,557	
KENTUCKY 6/	8	550	18,442	19,000	25,100	900	27,500	3,100	345	75,945	541	724	-	77,210	
LOUISIANA 6/	5,434	13,222	104,901	123,557	56,310	-	48,756	11,773	27,986	268,382	21,659	-	-	290,041	
MAINE 6/	3,000	9,000	11,610	12,758	14,895	10,836	9,455	2,070	1,994	52,048	22,184	-	100	74,232	
MARYLAND 6/	-	-	-	150,000	58,800	4,200	64,000	11,000	11,038	249,038	13,000	-	-	280,638	
MASSACHUSETTS 6/	1,600	72,900	80,000	80,000	170,000	50,000	68,000	40,000	4,959	412,959	8,033	8/ 650	150	421,992	
MICHIGAN 6/	5,000	113,500	150,000	164,000	144,000	21,000	125,000	19,000	6,477	445,477	10,000	100	-	455,577	
MINNESOTA 6/	-	12,833	251,566	255,461	148,408	18,026	55,430	34,689	41,952	551,016	64,658	24,056	-	639,730	
MISSISSIPPI 6/	400	24,179	27,000	27,000	88,000	-	24,000	2,860	7,873	127,723	11,424	1,012	-	139,932	
MISSOURI 6/	4,000	72,500	65,000	65,000	91,475	9,000	40,000	20,080	5,182	250,737	8,908	2,311	5,000	268,954	
MONTANA 6/	848	17,156	18,104	18,104	13,148	1,172	1,100	1,093	1,043	35,660	300	-	-	36,960	
NEBRASKA 6/	938	6,568	45,122	52,688	33,049	2,785	11,826	8,252	15,208	123,908	40,187	8,771	-	172,830	
NEVADA 6/	500	540	4,960	6,000	11,000	-	6,500	1,100	25,108	25,108	725	-	-	37,833	
NEW HAMPSHIRE 6/	-	1,820	12,180	14,000	15,000	13,000	6,500	7,500	1,777	57,777	2,443	-	20,000	83,789	
NEW JERSEY 6/	200	27,000	30,000	30,000	224,000	20,000	49,000	41,000	15,914	379,914	19,984	-	-	399,898	
NEW MEXICO 6/	990	10,010	11,000	11,000	16,900	-	8,000	6,000	1,151	43,061	1,279	-	-	44,330	
NEW YORK 6/	-	43,200	460,120	493,320	696,950	84,000	90,000	108,541	115,038	1,567,349	154,935	-	1,100	1,947,232	
NORTH CAROLINA 6/	9,868	7,364	71,832	89,114	72,493	1,896	74,488	21,944	6,103	252,357	7,021	11,202	-	270,580	
NORTH DAKOTA 6/	5,570	13,410	36,610	55,540	23,700	25,336	3,280	15,450	7,350	67,640	18,000	2,785	115	88,480	
OHIO 6/	900	44,889	49,339	49,339	65,000	7,000	42,000	9,000	4,965	178,604	3,077	1,119	-	181,690	
OKLAHOMA 6/	-	4,050	44,889	48,939	65,000	-	42,000	9,000	4,965	178,604	3,077	1,119	-	181,690	
OREGON 6/	1,759	4,427	42,032	48,228	40,632	970	19,047	19,497	8,856	137,230	15,360	7,775	401	160,370	
PENNSYLVANIA 6/	1,740	7,630	77,430	87,000	201,000	19,000	235,000	55,000	7,767	604,767	15,000	-	-	657,542	
RHODE ISLAND 6/	8	1,300	13,592	15,000	11,400	2,900	4,975	2,150	4,119	37,644	8,857	-	30,000	46,501	
SOUTH CAROLINA 6/	84	1,799	9,439	11,322	12,654	163	20,691	2,577	2,265	47,509	194	-	-	48,059	
SOUTH DAKOTA 6/	301	792	14,756	15,849	11,356	1,357	13,983	3,277	1,534	47,366	2,946	-	-	50,312	
TENNESSEE 6/	13,155	2,692	35,770	38,462	61,094	2,551	63,645	6,273	6,452	120,576	10,858	1,283	-	135,330	
TEXAS 6/	300	58,406	416,569	489,130	308,755	6,700	344,436	78,436	189,630	1,409,316	148,238	23,102	9,641	1,590,287	
UTAH 6/	-	-	14,500	15,700	25,000	6,000	1,300	5,450	-	54,150	-	1,900	300	56,350	
VERMONT 6/	200	2,900	3,100	3,100	8,800	2,400	11,000	750	32	15,012	73	-	-	15,085	
VIRGINIA 6/	1,000	65,300	67,000	67,000	142,000	27,000	50,000	18,200	20,076	290,276	11,527	13,772	-	323,575	
WASHINGTON 6/	5,982	23,036	97,108	126,184	65,555	1,910	34,772	34,630	9,222	267,130	17,233	-	-	284,363	
WEST VIRGINIA 6/	150	2,000	9,850	12,000	45,663	800	2,000	2,505	9,222	62,990	1,397	-	-	64,956	
WISCONSIN 6/	2,252	9,007	101,325	112,585	127,247	30,815	109,424	39,176	33,519	452,768	54,296	11,792	-	518,854	
WYOMING 6/	4	2,509	11,819	14,432	11,074	1,392	7,361	3,415	7,712	38,366	1,901	1,356	-	41,716	
TOTAL	154,029	417,640	3,839,882	4,411,561	5,251,174	456,287	2,165,960	959,533	745,137	13,988,642	1,136,581	233,198	25,790	15,733,877	

1/ THIS TABLE RECORDS THE DISBURSEMENTS FOR ROAD AND STREET PURPOSES BY MUNICIPALITIES INCLUDING TOLL FACILITIES. SEE TABLE UF-1, NOTE 1, FOR ADDITIONAL INFORMATION ON THE LOCAL HIGHWAY FINANCE SERIES.
 2/ IDENTIFIABLE DISBURSEMENTS FOR RIGHT-OF-WAY. IN SOME CASES, THESE EXPENDITURES MAY BE INCLUDED WITH CONSTRUCTION COSTS.
 3/ ENGINEERING COSTS WERE ESTIMATED WHEN THE COMPLETE CLASSIFICATION OF EXPENDITURES WAS NOT AVAILABLE.
 4/ TRAFFIC POLICE COSTS WHEN COMINGLED WITH GENERAL POLICE ACTIVITIES ARE USUALLY NOT REPORTED. IN SOME INSTANCES, ESTIMATES WERE USED.
 5/ INCLUDES STATE DEBT SHORT TERM DEBT.
 6/ INCLUDES SPECIAL CHARGES FOR MAINTENANCE.
 7/ ESTIMATED BY FHMA.
 8/ SINCE 1988 STATE FINANCE DATA WERE NOT REPORTED, TRANSFERS TO THE STATE WERE ESTIMATED BY FHMA.

CHANGE IN INDEBTEDNESS DURING YEAR¹

MUNICIPAL OBLIGATIONS FOR HIGHWAYS - 1988

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UB-2
AUGUST 1990

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	22,508	22,475	10,016	-	1,324	-	31,167	33	257	-	96	-	194	31,361
ALASKA 3/	119,772	119,764	14,000	-	8,500	-	125,264	8	-	-	4	-	4	125,268
ARIZONA 4/	336,227	329,946	143,167	-	16,500	-	456,613	6,281	421	-	6,423	-	279	456,892
ARKANSAS 3/	10,279	10,279	-	-	1,439	-	8,840	-	-	-	-	-	-	8,840
CALIFORNIA	464,220	464,220	154,037	-	45,620	-	572,637	-	7,430	-	-	-	7,430	580,067
COLORADO	223,754	222,171	27,654	1,707	25,889	13,020	212,823	1,583	6,898	-	221	-	8,260	220,883
CONNECTICUT 3/	51,359	49,448	8,000	-	4,000	-	53,448	1,911	1,000	-	800	-	2,111	55,559
DELAWARE	7,866	7,820	3,587	-	1,593	-	9,814	46	856	-	-	-	902	10,716
FLORIDA 3/	145,027	138,535	20,000	-	25,448	-	133,087	6,492	2,000	-	3,248	-	5,246	138,333
GEORGIA 3/	25,142	25,142	2,600	-	1,900	-	25,842	-	-	-	-	-	-	25,842
HAWAII	54,863	54,863	9,149	-	4,120	-	69,892	-	-	-	-	-	-	69,892
IDAHO	1,727	1,727	-	-	86	-	1,641	-	-	-	-	-	-	1,641
ILLINOIS 3/	174,955	174,615	5,000	-	12,745	-	165,870	340	500	-	170	-	670	167,540
INDIANA	70,800	70,800	-	-	3,330	-	67,470	-	-	-	-	-	-	67,470
IOWA	294,289	294,289	31,368	-	46,154	-	279,493	-	-	-	-	-	-	279,493
KANSAS 3/	214,247	207,733	-	-	20,773	-	186,960	6,514	-	-	3,257	-	3,257	190,217
KENTUCKY 3/	4,937	4,807	-	-	481	-	4,326	130	-	-	60	-	70	4,396
LOUISIANA	259,993	257,981	85,463	-	19,647	-	323,797	2,012	-	-	2,012	-	-	323,797
MAINE	49,776	48,808	6,157	-	21,396	-	33,569	968	690	-	788	-	810	34,379
MARYLAND 3/	128,354	128,354	8,000	-	13,000	-	123,354	-	-	-	-	-	-	123,354
MASSACHUSETTS 3/	66,570	63,130	10,000	-	6,313	-	66,817	3,440	2,000	-	1,720	-	3,720	70,537
MICHIGAN 3/	32,524	32,524	5,000	-	10,000	-	87,524	-	-	-	-	-	-	87,524
MINNESOTA	597,863	597,863	100,590	-	64,658	-	633,801	-	-	-	-	-	-	633,801
MISSISSIPPI 3/	112,473	112,473	10,000	-	11,247	-	111,226	-	-	-	-	-	-	111,226
MISSOURI 3/	86,363	86,363	7,000	-	8,906	-	84,457	-	-	-	-	-	-	84,457
MONTANA 4/	7,239	7,239	15,610	-	300	-	22,549	-	-	-	-	-	-	22,549
NEBRASKA	218,799	207,864	14,596	1,423	20,106	15,547	188,230	10,935	3,925	-	4,534	-	10,326	198,556
NEVADA 3/	7,251	7,251	-	-	725	-	6,526	-	-	-	-	-	-	6,526
NEW HAMPSHIRE 3/	23,692	23,509	-	-	2,351	-	21,158	183	-	-	92	-	91	21,249
NEW JERSEY 3/	199,834	3,638	750	-	364	-	4,024	196,196	40,000	-	19,620	-	216,576	220,600
NEW MEXICO 3/	12,780	12,790	-	-	1,279	-	11,511	-	-	-	-	-	-	11,511
NEW YORK 3/	1,928,892	1,899,864	100,000	-	110,950	-	1,828,914	89,028	40,000	-	44,500	-	84,528	1,913,442
NORTH CAROLINA	94,318	94,069	39,859	-	6,821	-	127,107	249	-	-	200	-	49	127,156
NORTH DAKOTA 3/	123,174	123,174	12,000	-	18,000	-	117,174	-	-	-	-	-	-	117,174
OHIO	389,828	299,625	19,843	1,794	161,077	-	160,186	90,203	29,251	20,419	32,683	-	107,190	267,375
OKLAHOMA 3/	61,537	61,537	21,857	-	3,077	-	80,317	-	-	-	-	-	-	80,317
OREGON	121,104	118,073	1,083	-	13,637	-	105,519	3,031	4,081	-	1,723	-	5,389	110,908
PENNSYLVANIA 3/	110,957	110,957	4,500	-	15,000	-	100,457	-	-	-	-	-	-	100,457
RHODE ISLAND 3/	63,286	63,286	-	-	8,857	-	54,409	-	-	-	-	-	-	54,409
SOUTH CAROLINA	3,832	3,832	-	-	192	-	3,640	-	40	-	2	-	38	3,678
SOUTH DAKOTA	13,836	13,836	2,447	-	2,946	-	13,337	-	-	-	-	-	-	13,337
TENNESSEE	105,803	105,274	-	-	10,567	-	94,707	529	-	-	391	-	138	94,845
TEXAS	2,413,490	2,413,490	299,745	-	148,238	-	2,564,997	-	-	-	-	-	-	2,564,997
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT 3/	397	397	45	-	73	-	369	-	-	-	-	-	-	369
VIRGINIA 3/	328,959	328,959	10,000	-	11,521	-	327,438	-	-	-	-	-	-	327,438
WASHINGTON	123,386	123,386	37,424	-	17,233	-	143,577	-	-	-	-	-	-	143,577
WEST VIRGINIA 3/	6,760	6,760	-	-	1,397	-	5,363	-	-	-	-	-	-	5,363
WISCONSIN	439,422	439,422	68,281	-	54,296	-	453,387	-	-	-	-	-	-	453,387
WYOMING	7,297	7,288	826	-	1,896	-	6,218	9	-	-	5	-	4	6,222
TOTAL	10,421,757	10,001,636	1,309,634	4,924	985,982	28,567	10,301,645	420,121	139,289	20,419	122,547	-	457,282	10,758,927

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/ 1989 DATA.

Highway Finance

RECEIPTS OF COUNTY TOLL FACILITIES - 1988¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-32
AUGUST 1990

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	28,033	1,411	-	602	-	30,046
COLORADO	E-470 BELTWAY 2/	E-470 AUTHORITY	-	5,578	-	23,996	64,710	94,284
FLORIDA	BISCAYNE KEY (RICKENBACKER) CAUSEWAY 3/ CARD SOUND TOLL BRIDGE 3/ SANIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY 3/ VENETIAN CAUSEWAY 3/ TOTAL	DADE COUNTY PORT AUTHORITY MONROE COUNTY LEE COUNTY DADE COUNTY PORT AUTHORITY	4,475 900 4,400 569 10,344	350 20 330 - 700	- - - - -	200 - - - 200	- - - - -	5,025 920 4,730 569 11,244
ILLINOIS	NEW HARMONY BRIDGE	WHITE COUNTY BRIDGE COMMISSION	268	10	5	-	-	283
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	GREATER NEW ORLEANS EXPRESSWAY COMMISSION	5,984	3,530	-	4/ 6,105	-	15,619
MICHIGAN	DRUMMOND ISLAND FERRY IRONTON FERRY TOTAL	CHIPPewa COUNTY ROAD COMMISSION CHARLEVOIX COUNTY ROAD COMMISSION	564 84 648	- - -	- - -	487 54 541	- - -	1,051 138 1,189
MISSOURI	PLATTE PURCHASE BRIDGE ST. FRANCISVILLE BRIDGE TOTAL	PLATTE COUNTY WAYLAND SPECIAL ROAD DISTRICT	385 255 640	14 7 21	8 - 8	- 6 6	- - -	407 268 675
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	BURT COUNTY BRIDGE COMMISSION	202	9	8	-	-	219
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE TACONY-PALMYRA BRIDGE CAPE MAY COUNTY BRIDGES TOTAL	BURLINGTON COUNTY BRIDGE COMMISSION BURLINGTON COUNTY BRIDGE COMMISSION CAPE MAY BRIDGE COMMISSION	2,883 6,799 2,579 12,261	- 603 240 843	- - - -	- 23 57 80	- - - -	2,883 7,425 2,876 13,184
NEW YORK	ATLANTIC BEACH BRIDGE	NASSAU COUNTY BRIDGE AUTHORITY	2,921	196	-	-	-	3,117
OREGON	BUENA VISTA FERRY WHEATLAND FERRY TOTAL	POLK COUNTY ROAD DEPARTMENT MARION COUNTY ROAD DEPARTMENT	1 108 109	- - -	- - -	17 51 78	- - -	18 169 187
PENNSYLVANIA	FREDERICKTOWN FERRY	FAYETTE/WASHINGTON COUNTY JOINT FERRY SERVICE	23	1	-	-	-	24
TENNESSEE	SALTILLO FERRY	HARDIN COUNTY HIGHWAY DEPARTMENT	13	-	-	35	-	48
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE ROMA INTERNATIONAL TOLL BRIDGE SAN LUIS PASS-YACEK BRIDGE HARRIS COUNTY TOLL ROAD TOTAL	CAMERON COUNTY STARR COUNTY GALVESTON COUNTY HARRIS COUNTY TOLL ROAD AUTHORITY	3,152 708 387 13,249 17,496	- - - 19,332 19,332	- - - - -	166 64 135 - 367	- - - 13,843 13,843	3,320 772 522 46,424 51,038
WASHINGTON	GUEMES ISLAND FERRY LUMMI ISLAND-GOOSEBERRY POINT FERRY PUGET ISLAND FERRY STEILACOOM (TACOMA-MCNEIL-ANDERSON) FERRY TOTAL	SKAGIT COUNTY WHATCOM COUNTY WAHKIACUM COUNTY PIERCE COUNTY	208 98 54 311 671	- - - - -	- - - - -	299 443 220 384 1,346	- - - - -	507 541 274 695 2,017
GRAND TOTAL			79,613	31,631	21	33,356	78,553	223,174

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/ 1989 DATA.

3/ ESTIMATED BY FHWA.

4/ INCLUDES \$6.5 MILLION FROM STATE HIGHWAY FUND NUMBER 2.

DISBURSEMENTS FOR COUNTY TOLL FACILITIES - 1988¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-42
AUGUST 1990

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	1,179	17,527	-	-	-	-	18,706	3/ 12,028	30,734	-	-
COLORADO	E-470 BELTWAY 4/	28,539	-	1,974	-	7,364	-	37,877	-	37,877	-	64,710
FLORIDA	BISCAYNE KEY (RICKENBACKER) CAUSEWAY 5/ CARD SOUND TOLL BRIDGE 5/ SANIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY 5/ VENETIAN CAUSEWAY 5/	600 - - 5	1,000 600 550 430	720 25 230 220	- - - -	1,484 50 436 -	1,854 100 671 -	5,658 775 1,887 655	- - 475 -	5,658 775 2,362 655	18,544 1,003 6,710 -	16,690 903 6,039 -
	TOTAL	605	2,580	1,195	-	1,970	2,625	8,975	475	9,450	26,257	23,632
ILLINOIS	NEW HARMONY BRIDGE	2	138	100	-	-	-	240	-	240	-	-
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	7,176	4,116	1,003	697	5,307	24,640	42,938	-	42,938	87,040	62,400
MICHIGAN	DRUMMOND ISLAND FERRY IRONTON FERRY	- 69	773 59	194 7	- -	- -	- -	967 135	- -	967 135	- -	- -
	TOTAL	69	832	201	-	-	-	1,102	-	1,102	-	-
MISSOURI	PLATTE PURCHASE BRIDGE ST. FRANCISVILLE BRIDGE	- -	148 67	51 111	- -	128 -	154 -	481 178	- 100	481 278	2,561 -	2,407 -
	TOTAL	-	215	162	-	128	154	659	100	759	2,561	2,407
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	-	101	13	-	-	19	133	-	133	1,112	1,093
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE TACONY-PALMYRA BRIDGE CAPE MAY COUNTY BRIDGES	- - 250	2,712 5,714 1,432	433 1,085 561	363 722 -	- - 20	- - 175	3,508 7,521 2,428	5 46 -	3,513 7,567 2,428	- - 540	- - 365
	TOTAL	250	9,858	2,069	1,085	20	175	13,457	51	13,508	540	365
NEW YORK	ATLANTIC BEACH BRIDGE	-	1,182	593	-	256	25	2,056	-	2,056	1,895	1,870
OREGON	BUENA VISTA FERRY WHEATLAND FERRY	- -	14 145	3 24	- -	- -	- -	17 169	- -	17 169	- -	- -
	TOTAL	-	159	27	-	-	-	186	-	186	-	-
PENNSYLVANIA	FREDERICKTOWN FERRY	-	24	4	-	-	-	28	-	28	-	-
TENNESSEE	SALTILLO FERRY	-	46	2	-	-	-	48	-	48	-	-
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE ROMA INTERNATIONAL TOLL BRIDGE SAN LUIS PASS-VACEK BRIDGE HARRIS COUNTY TOLL ROAD	417 - 24 119,803	401 115 181 13,837	155 101 36 3,286	- - - -	3 74 77 56,747	- 20 200 -	976 310 518 193,672	2,200 461 -	3,176 771 518 193,672	40 985 1,750 1,097,500	40 965 1,550 1,111,343
	TOTAL	120,244	14,634	3,577	-	56,901	220	195,476	2,661	198,137	1,100,275	1,113,898
WASHINGTON	GUEMES ISLAND FERRY LUMMI ISLAND-GOOSEBERRY POINT FERRY PUGET ISLAND FERRY STEILACOOM (TACOMA-MCNEIL-ANDERSON) FERRY	- - - 10	507 541 274 664	- - - -	- - - -	- - - -	- - - -	507 541 274 694	- - - -	507 541 274 694	- - - -	- - - -
	TOTAL	10	2,006	-	-	-	-	2,016	-	2,016	-	-
GRAND TOTAL		158,073	53,318	10,920	1,782	71,946	27,858	323,897	15,315	339,212	1,219,680	1,270,375

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/ 1989 DATA.
5/ ESTIMATED BY FHWA.

RECEIPTS OF MUNICIPAL TOLL FACILITIES - 1988 ¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-32
AUGUST 1990

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	824	40	205	-	-	1,069
FLORIDA	BROAD CAUSEWAY 2/ CLEARWATER TOLL BRIDGE 2/ TREASURE ISLAND CAUSEWAY 2/ TOTAL	TOWN OF BAY HARBOR ISLANDS	1,700	105	60	3	-	1,868
		CITY OF CLEARWATER	930	125	-	50	-	1,105
		CITY OF TREASURE ISLAND	1,225	220	-	1	-	1,446
			3,855	450	60	54	-	4,419
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE CHESTER (MISSISSIPPI RIVER) BRIDGE MCKINLEY BRIDGE ROCK ISLAND CENTENNIAL BRIDGE TOTAL	CITY OF CHICAGO	13,476	333	-	36	-	13,845
		CITY OF CHESTER	615	35	-	-	-	650
		CITY OF VENICE	2,887	86	251	19	-	3,243
		CITY OF ROCK ISLAND	1,590	85	-	-	-	1,675
			18,568	539	251	55	-	19,413
IOWA	MACARTHUR (BURLINGTON) BRIDGE	CITY OF BURLINGTON	853	190	-	1	-	1,044
MINNESOTA	BAUDETTE-RAINY RIVER INTERNATIONAL BRIDGE	VILLAGE OF BAUDETTE	260	7	14	7	-	288
MISSOURI	BROADWAY BRIDGE 2/	CITY OF KANSAS CITY	1,825	375	-	-	-	2,200
NEBRASKA	BELLEVUE BRIDGE	BELLEVUE BRIDGE COMMISSION	407	7	2	-	-	416
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS 3/ BATTERY STATEN ISLAND FERRY TOTAL	TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY	546,605	21,920	15,901	-	-	584,426
		CITY OF NEW YORK	3,190	-	1,359	4/ 29,720	-	34,269
			549,795	21,920	17,260	29,720	-	618,695
OREGON	CASCADE LOCKS BRIDGE HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE TOTAL	PORT OF CASCADE LOCKS COMMISSION	475	-	-	-	-	475
		PORT OF HOOD RIVER COMMISSION	1,123	-	-	-	-	1,123
			1,598	-	-	-	-	1,598
TEXAS	DEL RIO INTERNATIONAL BRIDGE EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE LAREDO-NUEVO LAREDO INTERNATIONAL BRIDGE MCALLEN INTERNATIONAL TOLL BRIDGE EL PASO INTERNATIONAL BRIDGE TOTAL	CITY OF DEL RIO	735	-	-	145	-	880
		CITY OF EAGLE PASS	1,663	-	-	139	-	1,802
		CITY OF LAREDO	6,463	-	-	391	-	6,854
		CITY OF MCALLEN	2,559	-	-	691	-	3,250
		CITY OF EL PASO	1,560	-	-	-	-	1,560
			12,980	-	-	1,366	-	14,346
VIRGINIA	SOUTH NORFOLK BRIDGE RICHMOND EXPRESSWAY SYSTEM TOTAL	CITY OF CHESAPEAKE	543	19	-	-	-	562
		RICHMOND METROPOLITAN AUTHORITY	12,211	1,480	-	41	-	13,732
			12,754	1,499	-	41	-	14,294
WEST VIRGINIA	PARKERSBURG BRIDGE	CITY OF PARKERSBURG	975	61	-	-	-	1,036
WISCONSIN	CASSVILLE CAR FERRY	CASSVILLE HARBOR COMMISSION	51	-	1	3	-	55
GRAND TOTAL			604,745	25,088	17,793	31,247	-	678,873

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/ PARKING FEES FROM BATTERY AND COLISEUM GARAGES ARE INCLUDED WITH RENTALS.
4/ THE \$29,720,543 IN THE MISCELLANEOUS COLUMN INCLUDES \$11,315,250 IN STATE AID AND \$18,405,293 AS A SUBSIDY FROM NEW YORK CITY.

DISBURSEMENTS FOR MUNICIPAL TOLL FACILITIES - 1988 ¹

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-42
AUGUST 1990

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	ADMINISTRATION AND MISCELLANEOUS	INTEREST	DEBT RETIREMENT	SUBTOTAL CURRENT DISBURSEMENTS	TRANSFERS 2/	TOTAL DISBURSEMENTS	DEBT OUTSTANDING	
										BEGINNING OF YEAR	AT END OF YEAR
COLORADO	PIKES PEAK TOLL HIGHWAY	-	630	296	-	-	926	-	926	-	-
FLORIDA	BROAD CAUSEWAY 3/	16	1,150	195	5	7	1,373	-	1,373	78	71
	CLEARWATER TOLL BRIDGE 3/	-	350	200	294	294	1,138	-	1,138	5,876	5,582
	TREASURE ISLAND CAUSEWAY 3/	-	450	140	103	147	840	-	840	1,467	1,320
	TOTAL	16	1,950	535	402	448	3,351	-	3,351	7,421	6,973
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE	257	6,017	457	11,371	-	18,102	-	18,102	101,000	101,000
	CHESTER (MISSISSIPPI RIVER) BRIDGE	24	419	89	10	155	697	-	697	155	-
	MCKINLEY BRIDGE	492	900	131	806	385	2,714	-	2,714	11,510	11,125
	ROCK ISLAND CENTENNIAL BRIDGE	110	746	109	82	205	1,252	-	1,252	1,385	1,180
	TOTAL	883	8,082	786	12,269	745	22,765	-	22,765	114,050	113,305
IOWA	MACARTHUR (BURLINGTON) BRIDGE	-	302	1,172	45	200	1,719	-	1,719	974	774
MINNESOTA	BAUDETTE-RAINY RIVER INTERNATIONAL BRIDGE	-	74	64	2	-	140	-	140	84	84
MISSOURI	BROADWAY BRIDGE 3/	-	475	80	138	500	1,193	-	1,193	2,300	1,800
NEBRASKA	BELLEVUE BRIDGE	-	116	20	188	-	324	-	324	2,800	2,800
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS	13,320	101,025	23,697	33,360	23,435	194,837	4/ 182,848	377,685	749,343	725,393
	BATTERY STATEN ISLAND FERRY	-	29,025	5,244	467	-	34,736	-	34,736	6,676	6,676
	TOTAL	13,320	130,050	28,941	33,827	23,435	229,573	182,848	412,421	756,019	732,069
OREGON	CASCADE LOCKS BRIDGE	-	115	78	19	20	232	-	232	279	259
	HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE	-	159	123	10	-	292	-	292	115	115
	TOTAL	-	274	201	29	20	524	-	524	394	374
TEXAS	DEL RIO INTERNATIONAL BRIDGE	735	148	200	296	-	1,379	375	1,754	3,700	3,700
	EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE	-	204	164	7	40	415	859	1,274	170	130
	LAREDO-NUOVO LAREDO INTERNATIONAL BRIDGE	-	533	438	773	235	1,979	5,426	7,405	9,220	8,985
	MCALLEN INTERNATIONAL TOLL BRIDGE	986	291	380	398	425	2,480	1,869	4,349	5,780	5,355
	EL PASO INTERNATIONAL BRIDGE	-	224	224	-	-	448	1,112	1,560	-	-
	TOTAL	1,721	1,400	1,406	1,474	700	6,701	9,641	16,342	18,870	18,170
VIRGINIA	SOUTH NORFOLK BRIDGE	-	823	74	-	-	697	-	697	-	-
	RICHMOND EXPRESSWAY SYSTEM	-	2,385	1,126	6,676	1,947	12,134	-	12,134	137,482	135,535
	TOTAL	-	3,008	1,200	6,676	1,947	12,831	-	12,831	137,482	135,535
WEST VIRGINIA	PARKERSBURG BRIDGE	-	263	205	222	1,397	2,087	-	2,087	6,760	5,363
WISCONSIN	CASSVILLE CAR FERRY	-	35	23	-	-	58	-	58	-	-
GRAND TOTAL		15,940	146,659	34,929	55,272	29,392	282,192	192,489	474,681	1,047,154	1,017,247

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/ THE TRANSFERS COLUMN INCLUDES PAYMENTS TO NEW YORK CITY TRANSIT AUTHORITY, METROPOLITAN TRANSPORTATION AUTHORITY, AND NEW YORK CITY OF \$80,636,000, \$98,555,000, AND \$3,657,000 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, 1989.

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.

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 two tables (HM-50 and HM-67) in this series.

EXISTING MILEAGE

Table HM-10 shows the total mileage of roads and streets in the United States, classified by jurisdiction. It is comparable to table M-1 included in pre-1980 publications except for the replacement of rural-municipal breakdowns by rural and urban categories. Unlike the years prior to 1980, mileage not classified as public road mileage, in accordance with 23 U.S.C. 402, is excluded. All tables in this publication now exclude nonpublic road mileage. Table HM-12, replacing pre-1980 table M-2, 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 replacing pre-1980 table M-21. Again, the replacement of rural/municipal data by rural/urban is evident. Another nationwide aggregate table, HM-18, lists mileage by Federal-aid and functional system, and, except for expansion to include small urban and urbanized area summaries as well as total urban, is a direct replacement of pre-1980 table M-21A. Table HM-20, replacing pre-1980 table M-12, Total Road and Street Mileage Classified by Federal-aid System and Functional Classification, now 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. Footnotes are provided in each applicable table to provide definitions in terms of previously used surface classifications.

Administrative categories

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.

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 combi-

nations 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. The tables in this section replace the pre-1980 FM and INT series.

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 replaces 1979 table HP-1. The present serviceability rating (PSR), as reported in HPMS, is used 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 arterial and collector lane mileage by functional system as well as lane

mileage for the non-Interstate portion of the Federal-aid Primary 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.

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 and axle loadings. The data for each of the vehicle types are from the Truck Weight Study. Truck Weight Study data are

collected for 1 day each year, normally in the summer, and are not adjusted to typify annual system averages.

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 - 1989¹
CLASSIFIED BY TYPE OF SURFACE AND FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-12
 SEPTEMBER 1990

JURISDICTION/FUNCTIONAL SYSTEM	UNPAVED MILEAGE 2/				PAVED MILEAGE 3/					TOTAL MILEAGE	
	UNIM-PROVED	GRADED AND DRAINED	GRAVEL OR STONE	TOTAL	LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE				TOTAL
							FLEXIBLE	COMPOSITE	RIGID		
RURAL:											
UNDER STATE CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	1.041	15.219	5.262	11.856	33.378	33.378
OTHER	-	-	-	-	426	3.630	54.346	12.830	9.460	80.692	80.692
MINOR ARTERIAL	-	-	107	107	2,671	17.065	99.443	18.962	6.445	144.586	144.693
MAJOR COLLECTOR	35	381	2,486	2,902	24,778	38.273	125.404	13.911	3,538	205.904	208.806
MINOR COLLECTOR	27	410	1,033	1,470	12,962	19.642	34.408	1.588	193	68.793	70.263
SUBTOTAL	62	791	3,626	4,479	40,837	79.651	328.820	52.553	31.492	539.353	537.832
NOT UNDER STATE OR FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	1	125	1	-	127	127
MINOR ARTERIAL	-	-	-	-	3	182	791	5	131	1,112	1,112
MAJOR COLLECTOR	677	2,500	45,697	48,874	36,654	55,021	74,588	2,127	5,934	174,324	223,198
MINOR COLLECTOR	991	8,982	84,121	94,094	23,822	47,617	43,697	921	1,779	117,836	211,930
SUBTOTAL	1,668	11,482	129,818	142,958	60,479	102,821	119,201	3,054	7,844	293,999	436,367
UNDER FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	132	-	-	132	132
MINOR ARTERIAL	-	-	-	-	46	536	940	-	-	1,522	1,522
MAJOR COLLECTOR	-	420	546	966	662	967	1,585	-	-	3,214	4,180
MINOR COLLECTOR	394	2,405	5,342	8,141	508	2,083	1,507	-	-	4,090	12,231
SUBTOTAL	394	2,825	5,888	9,107	1,208	3,586	4,164	-	-	8,958	18,065
LOCAL 4/	132,090	213,245	1,074,035	1,419,370	312,039	156,020	212,490	14,795	15,746	711,090	2,130,460
TOTAL RURAL	134,214	228,343	1,213,367	1,575,924	414,563	342,078	664,675	70,402	55,082	1,546,800	3,122,724
PERCENT - RURAL	4.3	7.3	38.9	50.5	13.3	11.0	21.1	2.3	1.8	49.5	100.0
URBAN:											
UNDER STATE CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	56	3,025	3,178	5,184	11,443	11,443
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	3	23	2,861	1,326	2,978	7,191	7,191
OTHER	-	-	7	7	60	1,312	19,837	9,728	4,445	35,382	35,389
MINOR ARTERIAL	12	1	3	16	425	1,947	11,964	4,072	1,361	19,769	19,785
COLLECTOR	16	-	53	69	460	2,250	4,252	780	214	7,956	8,025
SUBTOTAL	28	1	63	92	948	5,588	41,939	19,084	14,182	81,741	81,833
NOT UNDER STATE OR FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	-	2	11	14	27	27
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	2	183	58	89	332	332	332
OTHER	-	-	28	28	243	1,895	11,284	1,401	1,155	15,978	16,006
MINOR ARTERIAL	20	33	358	411	2,359	9,790	34,620	3,807	3,910	54,486	54,897
COLLECTOR	18	143	871	1,032	4,673	16,818	41,735	2,848	3,495	69,369	70,401
SUBTOTAL	38	176	1,257	1,471	7,277	28,303	87,824	8,125	8,663	140,192	141,663
UNDER FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	1	-	-	-	-	1	1
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	-	-	59	-	-	59	59
OTHER	-	-	-	-	-	-	94	-	-	94	94
MINOR ARTERIAL	-	-	-	-	-	-	45	16	3	64	64
COLLECTOR	-	-	-	-	-	6	39	3	-	48	48
SUBTOTAL	-	-	-	-	1	6	237	19	3	266	266
LOCAL 4/	1,297	5,402	35,480	42,179	77,817	155,635	194,407	13,195	46,782	487,836	530,016
TOTAL URBAN	1,363	5,579	36,800	43,742	86,043	189,532	324,407	40,423	69,830	710,035	753,777
PERCENT - URBAN	0.2	0.7	4.9	5.8	11.5	25.2	42.8	5.4	9.3	94.2	100.0
TOTAL RURAL AND URBAN	135,577	233,922	1,250,167	1,619,666	500,606	531,610	989,082	110,825	124,712	2,256,835	3,876,501
PERCENT - TOTAL	3.5	6.1	32.2	41.8	12.9	13.7	25.5	2.9	3.2	58.2	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS.
 2/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL SURFACE AND MAINTAINED TO PERMIT PASSABILITY (ROAD TYPE B); 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 (ROAD TYPE C); 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 (ROAD TYPES D AND E).
 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 (ROAD TYPE F); INTERMEDIATE TYPE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROAD ON A FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7" (ROAD TYPES G-1 AND H-1); 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 (ROAD TYPES G-2, H-2 AND I) - ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS (ROAD TYPES K, L AND M); 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 (ROAD TYPES G-3, G-4, H-3, H-4, I-3 AND I-4); HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS WEARING SURFACE OF LESS THAN 1" (ROAD TYPES J, J-3 AND J-4).
 4/ LIMITED SURFACE-TYPE AREAWIDE DATA REPORTED FOR LOCAL FUNCTIONAL SYSTEM AND FACTORED TO TOTAL MILEAGE OBTAINED FROM 1989 HPMS AREAWIDE DATA. DISTRIBUTION OF LOCAL FUNCTIONAL SYSTEM SURFACE TYPES ESTIMATED BY FHWA.

PUBLIC ROAD AND STREET MILEAGE - 1989¹
CLASSIFIED BY FEDERAL-AID AND ADMINISTRATIVE SYSTEMS

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-16
 SEPTEMBER 1990

ADMINISTRATIVE SYSTEM	FEDERAL-AID SYSTEM					NON-FEDERAL-AID	TOTAL
	INTERSTATE 2/	PRIMARY 3/	URBAN	SECONDARY	TOTAL		
RURAL:							
STATE CONTROLLED ROADS 4/	33,378	224,208	-	196,383	453,969	236,876	690,845
COUNTY ROADS	-	652	-	193,252	193,904	1,421,725	1,615,629
TOWN AND TOWNSHIP ROADS	-	274	-	4,898	5,172	433,181	438,353
OTHER LOCAL GOVERNMENTAL ROADS	-	92	-	4,425	4,517	178,840	183,357
STATE PARK AND FOREST ROADS	-	40	-	39	79	16,265	16,344
NATIONAL PARK, FOREST, AND OTHER ROADS	-	475	-	759	1,234	176,962	178,196
TOTAL RURAL	33,378	225,741	-	399,756	658,875	2,463,849	3,122,724
PERCENT - RURAL	1.1	7.2	-	12.8	21.1	78.9	100.0
SMALL URBAN AREAS:							
STATE CONTROLLED ROADS 4/	1,345	11,379	7,816	-	20,540	5,104	25,644
COUNTY ROADS	-	48	4,479	-	4,527	11,346	15,873
TOWN AND TOWNSHIP ROADS	-	19	1,723	-	1,742	5,430	7,172
OTHER LOCAL GOVERNMENTAL ROADS	-	346	17,519	-	17,865	92,742	110,607
STATE PARK AND FOREST ROADS	-	-	2	-	2	60	62
NATIONAL PARK, FOREST, AND OTHER ROADS	-	3	45	-	48	210	258
TOTAL SMALL URBAN AREA	1,345	11,795	31,584	-	44,724	114,892	159,616
PERCENT - SMALL URBAN	0.9	7.4	19.7	-	28.0	72.0	100.0
URBANIZED AREAS:							
STATE CONTROLLED ROADS 4/	10,126	20,428	26,157	-	56,711	14,071	70,782
COUNTY ROADS	-	179	23,065	-	23,244	54,695	77,939
TOWN AND TOWNSHIP ROADS	-	64	5,242	-	5,306	31,017	36,323
OTHER LOCAL GOVERNMENTAL ROADS	-	903	61,717	-	62,620	345,365	407,985
STATE PARK AND FOREST ROADS	-	76	94	-	170	195	365
NATIONAL PARK, FOREST, AND OTHER ROADS	-	19	45	-	64	703	767
TOTAL URBANIZED AREA	10,126	21,669	116,320	-	148,115	446,046	594,161
PERCENT - URBANIZED	1.7	3.7	19.5	-	24.9	75.1	100.0
TOTAL URBAN:							
STATE CONTROLLED ROADS 4/	11,471	31,807	33,973	-	77,251	19,175	96,426
COUNTY ROADS	-	227	27,544	-	27,771	66,041	93,812
TOWN AND TOWNSHIP ROADS	-	83	6,965	-	7,048	36,447	43,495
OTHER LOCAL GOVERNMENTAL ROADS	-	1,249	79,236	-	80,485	438,107	518,592
STATE PARK AND FOREST ROADS	-	76	96	-	172	255	427
NATIONAL PARK, FOREST, AND OTHER ROADS	-	22	90	-	112	913	1,025
TOTAL URBAN	11,471	33,464	147,904	-	192,839	560,938	753,777
PERCENT - URBAN	1.5	4.5	19.6	-	25.6	74.4	100.0
TOTAL RURAL AND URBAN	44,849	259,205	147,904	399,756	851,714	3,024,787	3,876,501
PERCENT - TOTAL	1.2	6.7	3.8	10.3	22.0	78.0	100.0

1/ AS SUMMARIZED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) UNIVERSE DATA FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS. 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 - 1989¹
CLASSIFIED BY FEDERAL-AID AND FUNCTIONAL SYSTEMS

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-18
 SEPTEMBER 1990

FUNCTIONAL SYSTEM	FEDERAL-AID SYSTEM					NON-FEDERAL-AID	TOTAL
	INTERSTATE 2/	PRIMARY 3/	URBAN	SECONDARY	TOTAL		
RURAL:							
PRINCIPAL ARTERIAL:							
INTERSTATE	33,378	-	-	-	33,378	-	33,378
OTHER	-	80,242	-	-	80,242	709	80,951
SUBTOTAL	33,378	80,242	-	-	113,620	709	114,329
MINOR ARTERIAL	-	145,499	-	-	145,499	1,828	147,327
MAJOR COLLECTOR	-	-	-	399,756	399,756	36,428	436,184
MINOR COLLECTOR	-	-	-	-	-	294,424	294,424
SUBTOTAL	-	-	-	399,756	399,756	330,852	730,608
LOCAL	-	-	-	-	-	2,130,460	2,130,460
TOTAL - RURAL	33,378	225,741	-	399,756	658,875	2,463,849	3,122,724
SMALL URBAN:							
PRINCIPAL ARTERIAL:							
INTERSTATE	1,345	-	-	-	1,345	-	1,345
OTHER FREEWAYS AND EXPRESSWAYS	-	1,171	28	-	1,199	9	1,208
OTHER	-	10,040	3,029	-	13,069	271	13,340
SUBTOTAL	1,345	11,211	3,057	-	15,613	280	15,893
MINOR ARTERIAL	-	584	14,605	-	15,189	1,989	17,178
COLLECTOR	-	-	13,922	-	13,922	5,162	19,084
LOCAL	-	-	-	-	-	107,461	107,461
TOTAL - SMALL URBAN	1,345	11,795	31,584	-	44,724	114,892	159,616
URBANIZED:							
PRINCIPAL ARTERIAL:							
INTERSTATE	10,126	-	-	-	10,126	-	10,126
OTHER FREEWAYS AND EXPRESSWAYS	-	5,248	722	-	5,970	404	6,374
OTHER	-	15,445	22,182	-	37,627	522	38,149
SUBTOTAL	10,126	20,693	22,904	-	53,723	926	54,649
MINOR ARTERIAL	-	976	51,723	-	52,699	4,869	57,568
COLLECTOR	-	-	41,693	-	41,693	17,697	59,390
LOCAL	-	-	-	-	-	422,554	422,554
TOTAL - URBANIZED	10,126	21,669	116,320	-	148,115	446,046	594,161
TOTAL URBAN:							
PRINCIPAL ARTERIAL:							
INTERSTATE	11,471	-	-	-	11,471	-	11,471
OTHER FREEWAYS AND EXPRESSWAYS	-	6,419	750	-	7,169	413	7,582
OTHER	-	25,485	25,211	-	50,696	793	51,489
SUBTOTAL	11,471	31,904	25,961	-	69,336	1,206	70,542
MINOR ARTERIAL	-	1,560	66,328	-	67,888	6,858	74,746
COLLECTOR	-	-	55,615	-	55,615	22,859	78,474
LOCAL	-	-	-	-	-	530,015	530,015
TOTAL - URBAN	11,471	33,464	147,904	-	192,839	560,938	753,777
TOTAL - RURAL AND URBAN	44,849	259,205	147,904	399,756	851,714	3,024,787	3,876,501

1/ AS SUMMARIZED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) UNIVERSE DATA FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS. 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 - 1989¹

CLASSIFIED BY JURISDICTION

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-10
 SEPTEMBER 1990

STATE	RURAL MILEAGE							URBAN MILEAGE							TOTAL RURAL AND URBAN 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	9,413	58,367	-	4,973	63,340	938	73,691	1,575	177	-	15,092	15,269	-	16,844	90,535
ALASKA	10,462	-	-	-	-	-	10,462	1,771	-	-	39	39	-	1,810	12,272
ARIZONA	5,728	24,472	-	1,124	25,596	12,595	43,919	524	542	15	12,370	12,927	28	13,479	57,398
ARKANSAS	14,960	49,098	-	3,893	52,991	1,515	69,466	1,218	584	-	5,854	6,438	-	7,656	77,122
CALIFORNIA	14,907	55,973	-	2,874	58,847	17,824	76,671	3,413	11,543	-	57,755	69,298	9	72,720	164,298
COLORADO	8,487	48,457	1	2,321	50,779	6,866	57,645	890	2,189	4	8,146	10,339	-	11,229	77,361
CONNECTICUT	2,200	-	6,841	-	6,841	4	9,045	1,688	-	9,181	-	9,181	-	10,869	19,914
DELAWARE	3,597	-	-	228	228	3	3,828	1,224	-	-	365	365	-	1,589	5,417
DIST. OF COL.	-	-	-	-	-	-	-	1,081	-	-	-	-	21	1,102	1,102
FLORIDA	7,616	51,513	-	176	51,699	-	59,305	4,175	1,368	-	43,107	44,475	-	48,650	107,955
GEORGIA	15,480	67,130	-	3,799	70,929	936	87,345	2,310	9,617	-	8,726	18,343	12	20,865	108,010
HAWAII	869	1,759	-	-	1,759	35	2,663	200	1,173	-	-	1,173	46	1,419	4,082
IDAHO	4,856	13,894	-	13,359	27,253	26,802	58,911	256	1	1,333	806	2,140	10	2,406	61,317
ILLINOIS	13,054	15,041	68,591	6,980	90,612	291	103,957	4,365	1,410	2,962	23,159	27,541	15	31,921	135,878
INDIANA	9,715	61,190	2,455	581	64,226	-	73,941	1,551	5,111	1,133	10,008	16,252	-	17,803	91,744
IOWA	9,237	86,801	-	5,624	94,425	116	103,778	925	693	-	7,150	7,843	5	8,773	112,551
KANSAS	10,085	111,440	-	2,644	114,084	-	124,169	592	-	-	8,395	8,395	-	8,987	133,156
KENTUCKY	25,557	34,677	-	1,557	36,234	307	62,098	1,987	1,585	-	3,855	5,440	186	7,613	69,711
LOUISIANA	14,911	28,459	-	2,319	30,778	588	46,277	1,648	2,955	-	7,641	10,596	-	12,244	58,521
MAINE	7,769	-	11,206	840	11,846	166	19,781	771	-	6	1,673	1,678	10	2,459	22,240
MARYLAND	3,937	11,547	-	547	12,094	302	16,333	1,438	7,027	-	3,572	10,599	125	12,162	28,495
MASSACHUSETTS	1,761	-	11,352	1	11,353	87	13,201	1,875	-	-	18,702	18,702	29	20,606	33,807
MICHIGAN	7,701	79,961	-	3,306	83,267	-	90,968	1,842	8,698	-	16,488	25,186	-	27,028	117,996
MINNESOTA	12,175	43,486	53,272	4,890	101,646	1,635	115,458	1,183	1,847	166	10,899	12,912	-	14,095	129,553
MISSISSIPPI	9,689	52,344	3	2,622	54,969	330	64,988	733	912	1	5,658	6,571	20	7,324	72,312
MISSOURI	30,845	51,351	16,063	5,408	72,822	563	104,230	1,546	1,930	16	12,355	14,301	-	15,847	120,077
MONTANA	8,047	45,657	-	1,092	46,749	14,296	69,092	155	509	-	1,604	2,113	-	2,268	71,360
NEBRASKA	9,966	60,442	13,774	3,202	77,418	125	87,509	325	435	7	4,183	4,625	-	4,950	92,459
NEVADA	4,916	22,719	-	466	23,185	13,879	41,780	290	1,178	-	1,606	2,784	2	3,076	44,856
NEW HAMPSHIRE	3,729	-	6,333	2,189	8,522	136	12,387	328	-	96	1,992	2,088	-	2,416	14,803
NEW JERSEY	1,603	3,471	4,247	2,449	10,167	21	11,791	1,619	3,750	1,092	15,976	20,818	18	22,455	34,246
NEW MEXICO	11,209	38,158	-	-	38,158	-	49,367	773	3,474	-	1,193	4,667	-	5,440	54,807
NEW YORK	12,276	17,321	41,368	2,298	60,987	-	73,263	4,047	3,032	14,735	15,887	33,654	-	37,701	110,964
NORTH CAROLINA	69,959	-	-	3,461	75,165	1,745	7,480	-	-	-	11,363	11,363	220	19,063	94,228
NORTH DAKOTA	7,181	9,147	65,392	2,248	76,787	611	84,579	205	-	178	1,424	1,600	-	1,805	86,384
OHIO	16,570	27,327	35,079	3,121	65,527	29	82,126	3,910	2,260	4,982	20,161	27,403	-	31,313	113,439
OKLAHOMA	11,958	86,937	-	586	87,533	87	99,578	989	480	-	10,620	11,100	2	12,091	111,669
OREGON	10,288	32,206	-	1,597	33,803	42,234	86,325	778	1,756	-	6,538	8,292	35	9,105	95,430
PENNSYLVANIA	37,597	21	221	49,616	49,858	992	88,447	7,223	275	935	19,397	20,607	-	27,830	116,277
RHODE ISLAND	350	-	1,134	-	1,134	-	1,484	768	-	3,623	-	3,623	-	4,400	5,884
SOUTH CAROLINA	35,370	18,195	-	536	18,731	598	54,699	6,036	1,824	-	1,545	3,369	-	9,405	64,104
SOUTH DAKOTA	7,748	30,890	29,258	1,763	61,911	1,963	71,622	182	50	51	1,473	1,574	-	1,756	73,378
TENNESSEE	12,458	52,136	-	3,665	55,801	595	68,854	2,090	1,582	-	11,555	13,137	-	15,227	84,081
TEXAS	58,614	193,187	-	14,281	147,468	962	217,044	7,933	4,862	-	75,853	80,715	-	88,648	305,692
UTAH	5,113	20,113	-	2,145	22,258	10,059	37,490	674	997	-	3,869	4,866	1	5,541	42,971
VERMONT	2,662	-	10,060	130	10,190	71	12,923	150	-	106	905	1,011	9	1,170	14,093
VIRGINIA	49,593	441	-	380	821	1,814	62,228	6,134	976	-	7,733	8,709	211	15,054	67,282
WASHINGTON	17,254	35,602	2,074	-	37,676	10,081	65,011	1,059	6,137	1,496	7,724	15,357	12	16,428	81,439
WEST VIRGINIA 4/	29,423	4	-	622	626	1,376	31,425	1,239	-	-	1,813	1,813	-	3,052	34,477
WISCONSIN	11,168	19,519	59,782	4,106	83,407	872	95,447	1,341	725	1,396	10,904	13,025	-	14,366	109,813
WYOMING	6,341	13,813	15	13,492	27,320	3,963	37,624	273	148	-	1,642	1,642	2	1,917	39,541
TOTAL	706,404	1,616,266	438,521	183,321	2,238,108	178,212	3,122,724	96,782	93,812	43,511	518,644	655,967	1,028	753,777	3,876,501

1/ THIS TABLE NO LONGER INCLUDES NONPUBLIC ROAD MILEAGE.
 2/ INCLUDES MILEAGE NOT IDENTIFIED BY ADMINISTRATIVE AUTHORITY.
 3/ MILEAGE IN FEDERAL PARKS, FORESTS, AND RESERVATIONS THAT ARE NOT A PART OF

THE STATE AND LOCAL HIGHWAY SYSTEMS.
 4/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

PUBLIC ROAD AND STREET MILEAGE - 1989

CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-14
 SHEET 1 OF 3
 SEPTEMBER 1990

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 2/	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL 2/	TOTAL	
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 1/	TOTAL				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 1/	TOTAL			
ALABAMA	6.448	25	-	3	28	44	6.520	1.098	1	-	15	16	-	1.114	7.634
ALASKA 3/	1.994	-	-	-	-	-	1.994	116	-	-	-	-	-	116	2.110
ARIZONA	4.271	-	-	-	-	30	4.301	366	-	-	-	-	-	366	4.667
ARKANSAS 3/	5.152	-	-	-	-	-	5.152	600	-	-	-	-	-	600	5.752
CALIFORNIA	10.708	44	-	-	44	181	10.933	2,550	1	-	1	2	-	2,552	13,485
COLORADO	4.639	-	-	-	-	-	4.639	636	-	-	-	-	-	636	5,275
CONNECTICUT	798	-	-	-	-	-	798	813	-	-	-	-	-	813	1,611
DELAWARE	333	-	-	-	-	1	334	142	-	-	-	-	-	142	476
DIST. OF COL.	-	-	-	-	-	-	-	190	-	-	-	-	-	190	190
FLORIDA	6.703	24	-	-	24	-	6.727	2,674	3	-	9	12	-	2,686	9,413
GEORGIA	9.295	65	-	2	67	93	9.455	1,822	62	-	15	77	1	1,900	11,355
HAWAII	388	5	-	-	5	-	393	156	1	-	-	1	1	158	551
IDAHO	3.189	-	-	-	-	-	3.189	137	-	-	-	-	-	137	3,326
ILLINOIS 3/	9.150	13	2	4	19	-	9.169	2,402	3	18	39	60	-	2,462	11,631
INDIANA	5.050	4	-	5	9	-	5.059	1,034	-	1	1	2	-	1,036	6,095
IOWA	8.561	137	-	14	151	-	8.712	803	7	-	44	51	-	854	9,566
KANSAS	8.425	-	-	-	-	-	8.425	492	-	-	-	-	-	492	8,917
KENTUCKY 3/	3.914	-	-	-	-	-	3,914	653	-	-	-	-	-	656	4,570
LOUISIANA	3.301	-	-	-	-	-	3,301	656	-	-	3	3	-	656	3,957
MAINE 3/	2.136	-	-	-	-	-	2,136	237	-	-	1	1	-	238	2,374
MARYLAND	1,798	13	-	-	13	-	1,811	689	3	-	81	84	19	792	2,603
MASSACHUSETTS	940	-	241	1	242	1	1,183	1,171	-	-	424	424	-	1,595	2,778
MICHIGAN	7,000	8	-	1	9	-	7,009	1,405	-	-	-	-	-	1,405	8,414
MINNESOTA	9,366	5	1	-	6	-	9,372	822	6	-	6	12	-	834	10,206
MISSISSIPPI	5,980	13	-	6	19	-	5,999	472	-	-	2	2	-	474	6,473
MISSOURI	7,315	-	-	-	-	-	7,315	669	-	-	11	11	-	680	8,195
MONTANA	6,495	-	-	-	-	-	6,495	147	-	-	2	2	-	149	6,644
NEBRASKA	7,374	-	-	1	1	-	7,375	297	-	-	3	3	-	300	7,675
NEVADA	2,285	-	-	-	-	2	2,287	113	-	-	-	-	2	115	2,402
NEW HAMPSHIRE	1,144	-	-	1	1	-	1,145	155	-	-	57	57	-	212	1,357
NEW JERSEY	900	46	-	1	47	-	947	920	12	-	5	17	-	937	1,884
NEW MEXICO	4,257	-	-	-	-	-	4,257	309	-	-	10	10	-	319	4,576
NEW YORK 3/	7,124	121	6	19	146	-	7,270	2,229	83	1	315	399	-	2,628	9,898
NORTH CAROLINA	4,456	-	-	-	-	17	4,473	893	-	-	-	-	-	893	5,366
NORTH DAKOTA	5,932	-	-	-	-	-	5,932	177	-	-	-	-	-	177	6,109
OHIO	5,827	-	-	1	1	-	5,828	2,295	3	-	10	13	-	2,308	8,136
OKLAHOMA	5,598	-	-	-	-	-	5,598	637	-	-	-	-	-	637	6,235
OREGON	5,264	-	-	-	-	-	5,264	515	-	-	13	13	-	528	5,792
PENNSYLVANIA	8,899	-	15	-	15	-	8,914	2,544	-	9	19	28	-	2,572	11,486
RHODE ISLAND	176	-	8	-	8	-	184	260	-	53	-	53	-	313	497
SOUTH CAROLINA	5,630	-	-	-	-	-	5,630	838	1	-	2	3	-	841	6,471
SOUTH DAKOTA	6,276	-	-	-	-	45	6,321	173	28	3	149	180	-	353	6,674
TENNESSEE 3/	5,995	-	-	-	-	-	5,995	1,212	-	-	-	-	-	1,212	7,207
TEXAS 3/	17,096	1	-	1	2	-	17,098	2,881	6	-	-	6	-	2,887	19,985
UTAH 3/	3,289	-	-	-	-	-	3,289	255	-	-	-	-	-	255	3,544
VERMONT	1,294	-	-	29	29	-	1,323	94	-	-	24	24	-	118	1,441
VIRGINIA	5,508	3	-	-	3	-	5,511	945	-	-	5	5	-	950	6,461
WASHINGTON 3/	4,892	-	-	-	-	-	4,892	898	1	-	-	1	-	899	5,791
WEST VIRGINIA 4/	2,661	3	-	-	3	-	2,664	302	-	-	1	1	-	303	2,967
WISCONSIN	8,793	122	1	3	126	-	8,859	1,057	6	-	8	14	-	1,071	9,930
WYOMING	3,667	-	-	-	-	61	3,728	174	-	-	-	-	-	174	3,902
TOTAL 3/	257,826	652	274	92	1,018	475	259,119	43,325	227	85	1,275	1,587	23	44,935	304,054

Roadway Extent, Characteristics, and Performance

PUBLIC ROAD AND STREET MILEAGE - 1989
CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-14
 SHEET 2 OF 3
 SEPTEMBER 1990

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL							FEDERAL-AID URBAN HIGHWAY SYSTEM						
	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 LOCAL ROADS 1/	TOTAL				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 1/	TOTAL		
ALABAMA	2,741	8,406	-	409	8,815	-	11,556	464	11	-	2,317	2,328	-	2,792
ALASKA 3/	1,771	-	-	-	-	-	1,771	192	-	-	36	36	-	228
ARIZONA	1,201	1,958	-	1	1,959	11	3,171	113	62	-	2,322	2,400	16	2,629
ARKANSAS 3/	4,454	2,770	-	64	2,834	42	7,330	407	62	16	684	746	-	1,153
CALIFORNIA	973	9,964	-	182	10,146	46	11,165	857	2,922	-	13,945	16,867	2	17,726
COLORADO	3,410	-	-	-	-	-	3,410	251	542	-	1,594	2,137	-	2,388
CONNECTICUT	875	-	27	-	27	-	902	814	-	2,143	-	2,143	-	2,957
DELAWARE	600	-	-	-	-	2	602	311	-	-	-	-	-	311
DIST. OF COL.	-	-	-	-	-	-	-	233	-	-	-	-	-	233
FLORIDA	558	3,746	-	73	3,819	-	4,377	1,328	883	-	2,376	3,259	-	4,587
GEORGIA	6,025	7,810	-	27	7,837	138	14,000	470	2,150	-	1,364	3,514	3	3,987
HAWAII	368	67	-	-	67	-	435	22	301	-	-	301	-	323
IDAHO	1,496	1,636	-	1,021	2,657	-	4,153	115	-	436	186	622	-	737
ILLINOIS 3/	1,761	10,223	751	227	11,201	9	12,971	1,666	1,268	353	3,478	5,099	1	6,766
INDIANA	4,548	4,985	115	17	5,117	-	9,665	504	1,505	181	2,461	4,147	-	4,651
IOWA	391	12,606	-	538	13,144	-	13,535	12	303	-	2,127	2,430	-	2,442
KANSAS	1,644	20,959	-	5	20,964	-	22,608	93	-	-	1,508	1,508	-	1,601
KENTUCKY 3/	7,306	3	-	-	3	3	7,312	1,171	145	-	568	713	44	1,928
LOUISIANA	7,336	-	-	-	-	17	7,353	776	401	-	987	1,388	-	2,164
MAINE 3/	2,741	-	1	-	1	-	2,742	474	-	3	228	231	-	705
MARYLAND	1,363	526	-	17	543	-	1,906	615	902	-	605	1,507	25	2,147
MASSACHUSETTS	384	-	1,615	-	1,615	8	2,007	575	-	-	5,329	5,329	-	5,904
MICHIGAN	677	15,946	-	423	16,369	-	17,046	439	2,822	-	2,415	5,237	-	5,676
MINNESOTA	1,531	14,853	108	18	14,979	126	16,636	333	1,071	20	822	1,913	-	2,246
MISSISSIPPI	3,520	8,011	2	180	8,193	-	11,713	208	193	1	1,311	1,505	-	1,713
MISSOURI	18,091	-	-	-	18,091	-	656	361	361	-	1,436	1,803	-	2,459
MONTANA	89	4,659	-	-	4,659	-	4,748	10	90	6	242	332	-	342
NEBRASKA	2,244	9,018	-	164	9,182	23	11,449	25	129	-	910	1,039	-	1,064
NEVADA	2,085	184	-	1	185	47	2,317	177	136	-	240	376	-	553
NEW HAMPSHIRE	1,225	-	1	7	8	-	1,233	144	-	24	555	579	-	723
NEW JERSEY	92	1,489	75	67	1,631	-	1,723	158	2,993	70	1,779	4,842	-	5,360
NEW MEXICO	3,930	-	-	-	-	-	3,930	396	15	-	153	168	-	564
NEW YORK 3/	4,181	1,826	231	59	2,116	-	6,297	1,406	2,289	1,406	3,651	7,346	-	8,752
NORTH CAROLINA	10,294	-	-	1	1	5	10,300	2,896	-	-	64	64	-	2,960
NORTH DAKOTA	1,198	9,147	-	221	9,368	33	10,599	25	-	75	388	463	-	488
OHIO	8,469	2,952	110	169	3,231	-	11,700	1,598	1,553	230	4,457	6,240	-	7,838
OKLAHOMA	5,319	6,191	-	220	6,411	-	11,730	347	382	-	2,264	2,646	-	2,993
OREGON	1,658	6,112	-	41	6,153	-	7,811	182	320	-	1,492	1,812	-	1,994
PENNSYLVANIA	7,806	21	158	16	195	-	8,001	4,231	275	925	1,626	2,827	-	7,058
RHODE ISLAND	134	-	67	-	67	-	201	519	-	410	9	419	-	938
SOUTH CAROLINA	8,385	145	-	1	146	-	8,531	1,128	17	-	21	38	-	1,166
SOUTH DAKOTA	1,387	9,020	302	50	9,372	228	10,985	7	-	1	239	25	-	258
TENNESSEE 3/	5,455	-	-	-	-	-	5,455	851	316	-	1,966	2,282	-	3,133
TEXAS 3/	32,448	133	-	5	138	16	32,602	3,248	276	-	4,560	4,836	-	6,084
UTAH 3/	1,675	917	-	54	971	-	2,646	385	116	-	426	542	-	927
VERMONT	1,141	-	744	28	772	-	1,913	57	-	106	185	291	-	348
VIRGINIA	10,121	46	-	38	84	-	10,205	1,841	220	-	1,376	1,598	-	3,439
WASHINGTON 3/	1,086	6,078	159	-	6,237	-	7,323	97	1,783	411	1,964	4,138	-	4,235
WEST VIRGINIA 4/	6,352	-	-	3	3	-	6,355	528	-	-	273	273	-	801
WISCONSIN	1,797	10,677	432	73	11,182	-	12,979	274	645	149	1,915	2,709	-	2,983
WYDING	2,087	166	-	6	172	7	2,266	85	98	-	367	465	-	550
TOTAL 3/	196,423	193,250	4,898	4,426	202,574	759	399,756	34,074	27,548	6,968	79,223	113,739	91	147,904

PUBLIC ROAD AND STREET MILEAGE - 1989
CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION

TABLE HM-14
SHEET 3 OF 3
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	FEDERAL-AID HIGHWAY SYSTEMS - RURAL AND URBAN										MILEAGE NOT ON FEDERAL-AID SYSTEMS					TOTAL FEDERAL-AID AND NON-FEDERAL-AID MILEAGE
	UNDER LOCAL CONTROL					TOTAL	UNDER FEDERAL CONTROL 2/	UNDER LOCAL CONTROL			TOTAL	UNDER FEDERAL CONTROL 2/				
	UNDER STATE CONTROL	COUNTY ROADS	TOWN TOWNSHIP ROADS	OTHER ROADS	TOTAL			COUNTY ROADS	TOWN TOWNSHIP ROADS	OTHER ROADS			TOTAL			
ALABAMA	10,749	8,442	-	2,747	11,189	21,982	44	50,102	17,318	67,420	895	895	68,553	90,535		
ALASKA 3/	4,073	-	-	36	4,109	8,160	-	22,934	11,170	34,164	-	12,566	47,031	57,998		
ARIZONA	5,952	2,019	15	2,324	3,578	14,235	42	46,852	9,000	55,852	1,473	1,473	62,887	77,122		
ARKANSAS 3/	10,615	2,831	-	747	3,578	42,376	229	54,583	46,502	101,088	17,604	6,866	121,922	164,298		
CALIFORNIA	15,087	12,932	-	14,128	27,060	42,376	-	50,106	8,873	58,982	-	-	66,288	77,361		
COLORADO	8,937	542	-	1,593	2,136	5,470	-	1,880	-	13,850	4	-	14,444	19,914		
CONNECTICUT	3,299	-	2,171	-	2,171	1,389	3	-	-	593	-	-	4,028	5,417		
DELAWARE	1,386	-	-	-	-	1,389	-	-	-	-	-	-	-	-		
DIST. OF COL.	423	-	-	-	-	423	-	-	-	-	21	-	679	1,102		
FLORIDA	11,262	4,656	-	2,459	7,115	18,377	-	48,225	40,824	89,049	-	713	89,578	107,955		
GEORGIA	17,613	10,085	-	1,409	11,494	29,349	235	68,557	11,118	77,775	80	-	78,668	108,010		
HAWAII	935	373	-	-	373	1,305	1	2,560	-	2,560	-	-	2,773	4,082		
IDaho	4,936	1,636	-	1,207	3,280	8,216	-	12,259	12,958	26,112	26,812	-	53,101	61,317		
ILLINOIS 3/	14,979	11,508	437	1,124	16,379	31,368	10	4,943	26,402	101,774	296	-	104,510	135,878		
INDIANA	11,138	6,493	296	2,484	9,273	20,411	130	59,807	8,105	71,333	-	-	71,333	91,744		
IOWA	9,766	13,052	-	2,725	15,777	25,543	-	76,441	10,050	86,491	121	-	87,008	112,551		
KANSAS	10,853	20,960	-	1,513	22,473	33,126	-	90,480	9,526	100,006	-	-	100,006	133,156		
KENTUCKY 3/	13,044	149	-	571	1,720	14,439	45	36,114	4,842	40,956	446	-	41,402	49,711		
Louisiana	5,587	1,389	-	293	1,682	12,924	17	30,360	2,088	39,266	176	-	40,042	48,240		
MAINE 3/	5,587	-	5	223	5,810	5,810	-	11,206	-	11,206	-	-	11,206	22,240		
MARYLAND	4,464	1,445	-	703	2,148	6,656	44	17,132	12,948	20,549	382	-	21,839	28,495		
MASSACHUSETTS	3,070	1,445	-	703	2,148	6,656	9	17,132	12,948	20,549	382	-	21,839	28,495		
MICHIGAN	9,519	18,778	-	2,639	21,617	31,136	126	69,879	16,956	86,835	1,509	-	88,660	117,996		
MINNESOTA	12,053	15,935	128	846	16,909	29,088	-	29,398	14,945	97,652	-	-	100,465	129,553		
MISSISSIPPI	10,181	8,216	-	1,499	9,718	19,899	-	45,040	6,780	51,821	360	-	52,413	72,312		
MISSOURI	26,931	361	3	1,447	1,614	28,745	-	52,922	16,316	65,311	563	-	65,874	120,077		
MONTANA	6,741	4,749	-	244	4,993	11,734	-	4,117	2,450	14,297	14,297	-	17,960	25,217		
NEBRASKA	9,943	9,146	-	1,076	10,222	20,188	23	51,731	6,309	72,271	102	-	72,271	92,459		
NEVADA	4,658	321	-	243	564	5,272	50	23,570	1,826	25,396	13,630	-	39,026	44,656		
NEW HAMPSHIRE	2,686	4,539	145	1,852	6,536	8,965	-	2,682	3,566	24,148	130	-	24,278	24,803		
NEW JERSEY	2,430	15	-	162	177	3,070	-	41,615	1,031	42,647	-	-	42,647	45,737		
NEW MEXICO	8,893	-	-	-	-	9,070	-	-	-	-	-	-	-	-		
NEW YORK 3/	14,941	4,318	1,645	4,043	10,006	24,947	-	16,035	14,144	84,634	1,944	-	86,017	110,964		
NORTH CAROLINA	18,539	9,147	75	608	9,830	18,626	22	54,455	14,756	73,881	578	-	75,602	94,228		
NORTH DAKOTA	7,333	4,509	340	4,638	9,487	17,196	33	65,493	3,054	68,557	29	-	68,586	86,384		
OHIO	18,187	4,509	-	4,638	9,487	27,674	-	25,076	18,645	83,443	29	-	83,472	113,439		
OKLAHOMA	11,902	6,573	-	2,483	9,056	20,968	-	80,844	8,731	89,575	90	-	90,711	111,669		
OREGON	7,619	6,432	-	1,546	7,978	15,597	-	27,531	6,588	34,119	42,267	-	79,839	95,430		
PENNSYLVANIA	23,481	295	1,108	1,660	3,064	26,545	-	21,341	6,732	67,389	992	-	69,732	116,277		
RHODE ISLAND	1,087	-	540	-	540	1,636	-	-	4,189	-	-	-	4,248	5,864		
SOUTH CAROLINA	15,981	163	-	24	187	16,168	-	19,959	2,058	21,917	599	-	22,516	24,803		
SOUTH DAKOTA	7,843	9,058	306	439	9,891	17,917	271	21,981	2,800	24,781	1,692	-	26,473	28,165		
TENNESSEE 3/	13,513	316	-	1,968	2,282	15,795	-	5,403	1,253	66,656	595	-	68,286	84,081		
TEXAS 3/	55,675	415	-	4,565	4,980	60,671	16	137,633	85,569	223,202	945	-	224,147	305,692		
UTAH 3/	5,604	1,033	-	480	1,513	7,117	-	20,077	5,534	25,611	10,060	-	35,654	42,971		
VERMONT	2,583	-	851	268	1,119	3,702	-	9,315	766	10,081	81	-	10,391	14,093		
VIRGINIA	18,413	269	-	1,423	1,692	20,105	-	6,691	6,691	42,657	2,025	-	44,682	57,282		
WASHINGTON 3/	6,975	7,839	570	1,965	10,374	17,349	-	33,899	5,759	42,657	10,093	-	52,750	61,439		
WEST VIRGINIA 4/	9,848	3	-	272	275	10,123	-	8,794	2,069	2,070	1,370	-	2,454	34,477		
WISCONSIN	1,861	11,451	561	1,999	14,031	26,892	68	6,712	13,010	82,389	872	-	83,261	109,813		
WYOMING	6,014	283	-	373	636	6,712	-	13,673	15	28,262	3,890	-	32,152	39,541		
TOTAL 3/	531,458	221,687	12,228	85,015	318,910	851,714	1,346	1,488,321	616,827	2,574,916	177,884	-	3,024,787	3,876,501		

1/ INCLUDES MILEAGE NOT IDENTIFIED BY ADMINISTRATIVE AUTHORITY.
2/ MILEAGE IN FEDERAL PARKS, FORESTS, AND RESERVATIONS THAT ARE NOT A PART OF THE STATE AND LOCAL HIGHWAY SYSTEMS.
3/ EXCLUDES FERRY ROUTE MILEAGE. ALASKA - 844 MILES OF RURAL PRIMARY AND 640 MILES OF SECONDARY; ARKANSAS - 1 MILE OF SECONDARY; ILLINOIS - 2 MILES OF SECONDARY; KENTUCKY - 1 MILE OF URBAN AND 1 MILE OF SECONDARY; MAINE - 3 MILES OF SECONDARY; NEVADA - 1 MILE OF URBAN AND 1 MILE OF SECONDARY; NEW YORK - 12 MILES OF RURAL PRIMARY AND 1 MILE OF SECONDARY; TENNESSEE - 1 MILE OF SECONDARY; TEXAS - 2 MILES OF URBAN PRIMARY AND 5 MILES OF URBAN SECONDARY; UTAH - 3 MILES OF URBAN PRIMARY; WASHINGTON - 60 MILES OF RURAL PRIMARY, 18 MILES OF URBAN PRIMARY AND 6 MILES OF SECONDARY.
4/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

PUBLIC ROAD AND STREET MILEAGE - 1989
CLASSIFIED BY FEDERAL-AID SYSTEM

TABLE HM-15
 SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	FEDERAL-AID INTERSTATE 1/			OTHER FEDERAL-AID PRIMARY 2/			FEDERAL-AID SECONDARY			ALL FEDERAL-AID SYSTEMS			ALL NON-FEDERAL-AID SYSTEMS			TOTAL
	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	
ALABAMA	640	242	882	5,880	872	6,752	11,556	2,792	3,906	18,076	3,906	21,982	55,615	12,938	68,553	
ALASKA 3/	1,039	50	1,089	9,690	66	9,756	1,771	228	6,697	3,076	1,465	4,541	8,153	1,465	9,618	
ARIZONA	1,039	127	1,166	3,501	239	3,740	3,171	2,835	10,357	7,472	10,357	17,829	56,447	10,584	67,013	
ARKANSAS 3/	1,419	123	1,542	4,733	477	5,210	7,330	1,153	1,753	12,482	1,753	14,235	56,984	10,584	67,568	
CALIFORNIA	1,415	987	2,403	9,517	1,565	11,082	11,165	17,726	20,278	22,098	42,376	69,480	69,480	52,442	121,922	
COLORADO	791	148	939	4,336	488	4,824	3,410	2,387	3,024	1,700	3,024	8,205	58,083	8,205	66,288	
CONNECTICUT	109	233	342	689	580	1,269	902	2,957	3,770	1,700	3,770	5,470	7,345	7,099	14,444	
DELAWARE	-	41	41	334	101	435	602	311	453	936	453	1,389	2,892	1,136	4,028	
DIST. OF COL.	-	12	12	-	178	178	-	233	423	-	423	423	-	679	679	
FLORIDA	982	414	1,396	5,745	272	6,017	4,377	4,567	7,273	11,104	7,273	18,377	48,201	41,377	89,578	
GEORGIA	873	372	1,245	8,582	3,987	12,569	14,000	3,987	5,887	23,455	5,887	29,342	63,890	14,778	78,668	
HAWAII	5	34	39	388	124	512	435	323	828	828	828	1,309	1,835	938	2,773	
IDAHO	590	76	666	2,659	61	2,720	4,153	737	874	7,342	874	8,216	51,569	1,532	53,101	
ILLINOIS 3/	1,417	524	1,941	4,206	1,936	6,142	12,371	6,766	9,228	22,140	9,228	31,368	104,510	22,693	127,211	
INDIANA	851	286	1,137	4,067	770	4,837	9,665	4,861	5,687	14,724	5,687	20,411	59,217	12,116	71,333	
IOWA	845	137	982	8,067	717	8,784	13,535	2,442	3,296	22,747	3,296	26,043	81,531	5,477	87,008	
KANSAS	712	159	871	7,713	333	8,046	22,608	1,601	2,093	31,093	2,093	33,126	93,136	6,894	100,030	
KENTUCKY 3/	576	184	760	3,338	462	3,800	7,324	1,528	2,584	11,226	2,584	13,810	50,872	5,029	55,901	
LOUISIANA	553	187	740	2,829	462	3,291	7,593	2,164	2,893	10,654	2,893	13,547	35,863	9,424	45,281	
MAINE 3/	313	53	366	1,823	185	2,008	2,742	705	4,878	4,878	4,878	6,656	16,453	1,516	17,969	
MARYLAND	169	224	393	1,642	568	2,210	1,905	2,147	3,717	3,717	2,939	6,656	12,616	9,223	21,839	
MASSACHUSETTS	170	364	534	1,013	1,201	2,214	2,007	5,904	3,190	3,190	7,429	10,619	26,168	13,007	39,175	
MICHIGAN	765	455	1,220	6,244	950	7,194	17,046	5,676	7,081	26,055	7,081	33,136	68,913	13,007	81,920	
MINNESOTA	688	217	905	6,684	617	7,301	16,636	2,246	3,080	26,008	3,080	29,088	89,450	11,015	100,465	
MISSISSIPPI	560	124	684	5,439	350	5,789	11,713	1,713	2,187	17,712	2,187	19,899	47,276	5,137	52,413	
MISSOURI	841	336	1,177	6,474	544	7,018	18,091	2,459	3,339	25,406	3,339	28,745	78,824	12,508	91,332	
MONTANA	1,144	47	1,191	5,351	102	5,453	4,748	342	491	11,243	491	11,734	57,849	1,777	59,626	
NEBRASKA	1,444	37	1,481	6,931	263	7,194	11,449	1,064	1,364	18,824	1,364	20,188	68,695	3,586	72,274	
NEVADA	499	46	545	1,788	69	1,857	2,317	4,604	668	4,604	668	5,272	37,176	2,408	39,584	
NEW HAMPSHIRE	161	44	205	1,132	168	1,300	1,233	723	2,378	2,378	2,378	3,113	10,009	1,481	11,490	
NEW JERSEY	126	272	398	821	665	1,486	1,723	5,360	6,297	2,670	6,297	8,967	9,121	16,158	25,279	
NEW MEXICO	906	94	1,000	3,351	225	3,576	3,930	564	883	4,813	883	5,696	14,803	4,557	20,357	
NEW YORK 3/	855	645	1,500	6,415	1,983	8,398	6,297	8,752	11,380	13,567	24,947	59,696	26,321	86,017		
NORTH CAROLINA	620	226	846	3,853	667	4,520	10,300	2,960	3,853	14,773	3,853	18,626	55,210	15,210	70,426	
NORTH DAKOTA	530	40	570	5,402	137	5,539	10,599	488	1,196	16,531	1,196	17,727	68,048	69,244	87,292	
OHIO	847	719	1,566	4,981	1,589	6,570	11,700	7,838	10,146	17,528	10,146	27,674	84,598	21,167	105,765	
OKLAHOMA	723	207	930	4,875	430	5,305	11,730	2,993	3,630	17,328	3,630	20,958	82,250	8,461	90,711	
OREGON	1,155	132	1,287	4,669	386	5,055	7,811	1,994	2,522	13,075	2,522	15,597	40,538	6,583	47,121	
PENNSYLVANIA	21	49	70	7,759	2,168	9,917	8,001	7,058	9,630	16,915	9,630	26,545	71,532	18,200	89,732	
RHODE ISLAND	21	49	70	163	264	427	201	938	385	385	1,251	1,636	1,099	3,149	4,248	
SOUTH CAROLINA	673	117	790	4,957	724	5,681	8,531	1,166	2,007	14,161	2,007	16,168	40,538	7,398	47,936	
SOUTH DAKOTA	931	146	1,077	5,690	307	6,000	10,985	2,258	3,111	17,917	3,111	21,028	54,316	1,145	55,461	
TEXAS 3/	2,278	281	2,559	5,214	931	6,145	8,282	3,133	4,345	14,500	4,345	18,845	57,404	10,882	68,286	
UTAH 3/	778	146	924	4,820	1,937	6,757	32,602	8,084	10,971	49,700	10,971	60,671	167,344	77,677	245,021	
VERMONT	266	35	301	1,037	85	1,122	2,646	927	1,182	5,336	1,182	7,117	31,485	4,359	35,844	
VIRGINIA	771	298	1,069	4,740	652	5,392	1,952	3,436	4,666	12,426	4,666	17,092	46,512	7,704	54,216	
WASHINGTON 3/	519	243	762	4,373	656	5,029	10,235	4,235	6,139	12,215	6,139	18,354	36,512	11,294	47,808	
WEST VIRGINIA 4/	429	90	519	2,235	213	2,448	6,355	801	1,104	9,019	1,104	10,123	22,406	1,948	24,371	
WISCONSIN	516	124	640	6,343	947	7,290	12,978	2,983	4,024	21,938	4,024	25,962	73,500	10,312	83,812	
WYOMING	864	50	914	2,864	124	2,988	2,266	550	3,994	7,24	7,24	8,718	31,630	1,193	32,823	
TOTAL 3/	33,378	11,471	44,849	225,741	33,464	259,205	399,756	147,904	192,839	658,875	192,839	851,714	2,463,849	560,938	3,024,787	
PERCENT - TOTAL	0.9	0.3	1.2	5.8	0.9	6.7	10.3	3.8	5.0	17.0	5.0	22.0	63.5	14.5	78.0	

1/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
 2/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
 3/ EXCLUDES FERRY ROUTE MILEAGE: ALASKA - 844 MILES OF RURAL PRIMARY AND 640 MILES OF SECONDARY; ARKANSAS - 1 MILE OF SECONDARY; ILLINOIS - 2 MILES OF SECONDARY; KENTUCKY - 1 MILE OF URBAN AND 1 MILE OF SECONDARY; MAINE - 3 MILES OF SECONDARY; NEW YORK - 12 MILES OF RURAL PRIMARY AND 1 MILE OF SECONDARY; TENNESSEE - 1 MILE OF SECONDARY; TEXAS - 2 MILES OF URBAN PRIMARY AND 5 MILES OF URBAN; UTAH - 3 MILES OF URBAN PRIMARY; AND WASHINGTON - 60 MILES OF RURAL PRIMARY, 18 MILES OF URBAN PRIMARY AND 6 MILES OF SECONDARY.
 4/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

Roadway Extent, Characteristics, and Performance

PUBLIC ROAD AND STREET MILEAGE - 1989
BY FUNCTIONAL SYSTEM

TABLE HM-20
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	RURAL										URBAN										TOTAL MILEAGE
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREIGHTWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL							
ALABAMA	640	1,992	3,889	11,556	6,992	48,622	73,691	242	-	1,019	1,611	1,716	12,256	16,844							
ALASKA	1,039	53	902	1,856	910	5,702	10,462	50	-	82	82	1,418	1,418	1,810							
ARIZONA	1,039	1,037	2,226	3,663	3,135	32,619	43,919	127	29	946	1,017	1,739	9,621	13,479							
ARKANSAS	1,416	1,930	3,166	12,416	6,566	44,969	69,466	123	103	634	991	1,006	4,799	7,656							
CALIFORNIA	1,416	2,938	6,596	12,916	9,887	57,825	91,578	987	1,263	5,934	8,288	7,723	48,525	72,720							
COLORADO	791	1,903	1,952	7,295	12,032	66,132	88,132	148	152	1,144	1,144	6,872	7,772	11,229							
CONNECTICUT	109	226	472	360	1,136	6,142	9,045	233	191	710	1,917	6,870	10,869	19,914							
DELAWARE	-	153	182	606	154	2,733	3,828	41	1	135	132	1,109	1,589	5,417							
DIST. OF COL.	-	-	-	-	-	-	-	12	24	99	152	659	859	1,102							
FLORIDA	962	2,601	3,495	4,674	5,195	42,368	59,305	414	251	1,941	2,416	38,857	48,650	107,955							
GEORGIA	873	2,706	5,876	14,021	7,276	56,593	87,345	372	143	1,457	2,113	14,765	20,665	108,010							
HAWAII	5	13	385	458	113	1,689	2,663	34	57	93	117	937	1,419	4,082							
ILLINOIS	530	1,633	1,026	4,896	3,895	46,931	58,911	76	-	186	375	1,376	2,406	61,317							
INDIANA	1,867	2,225	7,527	14,275	3,580	76,993	109,957	524	94	2,009	3,537	22,459	31,921	136,878							
IOWA	845	1,065	3,627	9,707	10,348	48,825	73,941	266	113	1,338	2,281	11,852	17,809	91,744							
KANSAS	712	3,250	4,463	22,880	9,322	83,742	124,169	159	89	572	779	6,395	9,987	133,156							
KENTUCKY	576	1,577	1,758	7,352	4,502	11,560	22,039	184	26	888	993	4,933	6,613	9,711							
LOUISIANA	553	1,079	1,579	7,352	4,502	11,560	22,039	184	26	888	993	4,933	6,613	9,711							
MAINE	313	1,068	1,068	3,278	2,255	12,111	19,761	53	19	217	296	1,482	2,459	58,521							
MARYLAND	169	1,143	1,143	2,007	1,893	10,793	15,333	224	196	688	955	8,726	12,162	28,495							
MASSACHUSETTS	170	244	769	2,007	1,951	8,762	13,201	394	276	1,896	2,416	2,755	4,586	13,506							
MICHIGAN	765	2,362	3,892	17,165	7,532	59,292	90,968	455	200	2,049	3,680	17,783	27,026	137,856							
MINNESOTA	888	3,360	5,324	16,636	11,870	77,580	115,458	217	134	581	1,517	9,601	14,099	129,553							
MISSISSIPPI	560	1,579	4,139	11,714	2,926	44,070	64,988	124	32	608	681	5,121	7,324	72,312							
MISSOURI	841	2,768	3,706	18,100	5,430	73,385	104,230	336	257	1,037	1,623	11,114	15,847	120,077							
MONTANA	1,444	2,102	6,668	9,385	171	46,482	69,032	47	-	1,111	211	1,611	2,268	21,360							
NEBRASKA	444	2,718	4,213	11,449	9,235	59,450	87,509	37	10	375	537	3,586	4,950	92,459							
NEVADA	499	1,177	1,177	2,330	2,450	34,713	41,780	46	36	41,780	340	2,050	3,076	44,856							
NEW HAMPSHIRE	181	319	664	1,235	1,226	8,762	12,387	44	34	188	355	1,456	2,416	14,803							
NEW JERSEY	126	279	663	1,770	1,241	7,712	11,791	272	271	1,338	2,865	15,801	22,455	34,246							
NEW MEXICO	906	1,217	2,146	4,485	2,460	38,153	49,367	94	-	454	338	4,252	5,440	54,807							
NEW YORK	855	1,789	4,626	6,297	10,794	48,902	73,263	645	742	2,397	4,150	3,945	25,822	37,701							
NORTH CAROLINA	520	2,059	2,051	10,480	9,058	50,897	75,165	226	210	1,729	2,192	13,368	19,063	94,228							
NORTH DAKOTA	530	1,207	4,197	11,107	7,492	60,046	84,579	40	-	155	264	1,118	1,805	86,384							
OHIO	847	1,672	3,309	11,700	7,188	57,410	82,126	719	364	2,150	2,789	4,124	21,167	113,439							
OKLAHOMA	722	1,879	3,220	21,414	3,089	69,283	99,578	207	187	783	1,861	7,849	12,091	111,669							
OREGON	595	2,271	2,565	9,546	7,312	63,936	86,325	132	56	558	911	1,099	6,350	95,430							
PENNSYLVANIA	1,165	1,787	5,972	8,001	8,402	63,130	88,447	414	382	2,815	2,834	18,200	27,830	116,277							
RHODE ISLAND	21	74	92	201	153	943	1,484	49	64	348	291	3,149	4,400	5,864							
SOUTH CAROLINA	573	1,517	3,440	8,531	4,005	36,539	54,699	117	34	687	893	6,515	9,405	64,104							
SOUTH DAKOTA	591	2,167	3,357	11,461	6,857	46,989	71,622	246	3	1,171	1,822	1,132	1,766	73,378							
TENNESSEE	781	1,051	4,163	10,799	10,799	46,803	68,864	281	-	1,318	963	10,882	16,227	84,081							
TEXAS	2,278	7,904	6,919	37,905	18,534	143,504	217,044	950	807	3,874	5,603	70,529	88,648	305,692							
UTAH	778	682	1,863	3,036	4,277	26,794	37,430	146	13	247	429	4,230	5,541	42,971							
VERMONT	286	286	706	1,073	4,366	12,963	17,635	35	15	109	129	704	1,170	14,083							
VIRGINIA	771	1,509	2,542	10,310	3,766	33,706	52,226	298	176	1,006	1,629	10,540	15,054	67,282							
WASHINGTON	519	1,796	2,577	7,349	6,877	46,109	65,011	243	-	1,261	1,707	11,778	16,242	81,439							
WEST VIRGINIA	429	1,717	1,717	6,356	2,157	20,248	31,425	90	75	214	328	1,945	3,062	34,477							
WISCONSIN	516	2,271	5,075	13,578	6,454	65,453	95,447	124	169	1,066	1,906	9,317	14,965	108,913							
WYOMING	864	1,023	2,094	2,480	7,422	23,741	37,624	50	9	319	208	1,176	1,917	39,541							
TOTAL	33,378	80,951	147,327	436,184	294,424	2,130,460	3,122,724	11,471	7,582	51,489	74,746	78,474	530,015	753,777	3,876,501						
PERCENT - AREA	1.1	2.6	4.7	14.0	9.4	68.2	100.0	1.5	1.0	6.8	9.9	70.4	100.0	19.4							
PERCENT - TOTAL	0.9	2.1	3.6	11.3	7.6	54.9	80.6	0.3	0.2	1.3	1.9	13.7	100.0	19.4							

1/ 1989 DATA OBTAINED FROM ALL STATES' SUBMISSION OF HPMS AREAWIDE DATA.

FEDERAL-AID HIGHWAY SYSTEMS - 1989

MILEAGE CLASSIFIED BY TYPE OF SURFACE

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-31
 SHEET 1 OF 2
 SEPTEMBER 1990

STATE	INTERSTATE SYSTEM 4/								FEDERAL-AID PRIMARY SYSTEM 6/								TOTAL FEDERAL-AID PRIMARY SYSTEM INCLUDING INTER-STATE				
	RURAL MILEAGE				URBAN MILEAGE				RURAL MILEAGE				URBAN MILEAGE								
	PAVED 3/				PAVED 3/				PAVED 3/				PAVED 3/								
	HIGH TYPE			TOTAL	HIGH TYPE			TOTAL	LOW TYPE 5/	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL	LOW TYPE 5/	INTER-MEDIATE TYPE		HIGH TYPE			TOTAL
FLEXI-BLE 2/	COMPOS-ITE	RIGID	FLEXI-BLE 2/		COMPOS-ITE	RIGID	FLEXI-BLE				COMPOS-ITE	RIGID	FLEXI-BLE				COMPOS-ITE	RIGID			
ALABAMA	460	23	157	640	117	8	117	242	-	60	5,726	94	-	5,880	-	11	817	33	11	872	7,634
ALASKA	1,039	-	-	1,039	50	-	-	50	71	884	-	-	-	955	1	65	-	-	-	66	2,110
ARIZONA	1,039	-	-	1,039	61	7	59	127	144	1,759	1,348	11	-	3,262	-	41	175	-	23	239	4,667
ARKANSAS	95	-	324	419	11	6	106	123	52	92	4,441	60	88	4,733	-	-	376	34	67	477	5,752
CALIFORNIA	514	61	841	1,416	112	140	735	987	-	443	8,208	447	419	9,517	-	9	979	202	375	1,565	13,485
COLORADO	495	20	276	791	97	1	50	148	-	-	3,826	7	15	3,848	-	3	423	41	21	488	5,275
CONNECTICUT	68	6	35	109	48	142	43	233	57	38	434	128	32	689	-	122	104	291	63	580	1,611
DELAWARE	-	-	-	-	17	24	41	41	-	5	13	258	58	334	-	3	11	70	17	101	476
DIST. OF COL.	-	-	-	-	3	9	-	12	-	-	-	-	-	-	-	-	9	145	24	178	190
FLORIDA	718	-	264	982	259	36	117	414	58	88	5,533	58	8	5,745	4	5	2,036	106	121	2,272	9,413
GEORGIA	136	199	538	873	117	92	163	372	266	213	8,093	-	10	8,582	-	4	1,466	-	38	1,528	11,355
HAWAII	-	-	5	5	21	-	13	34	-	-	388	-	-	388	-	-	124	-	-	124	551
IDAHO	410	-	120	530	46	-	30	76	198	206	2,199	25	31	2,659	6	2	50	-	3	61	3,326
ILLINOIS	-	738	679	1,417	2	327	195	524	-	-	130	6,559	1,063	7,752	4	-	81	1,262	591	1,938	11,631
INDIANA	87	602	162	851	12	199	55	266	-	629	2,225	757	596	4,208	-	5	189	427	149	770	6,095
IOWA	63	147	436	645	4	20	113	137	-	-	2,649	2,825	2,593	8,067	-	-	92	251	372	717	9,566
KANSAS	438	161	113	712	36	36	87	159	-	2,136	4,353	832	392	7,713	-	7	116	76	134	333	8,917
KENTUCKY	169	201	209	579	45	31	108	184	-	119	2,177	661	378	3,335	-	1	302	92	77	472	4,570
LOUISIANA	132	-	521	653	34	-	153	187	-	-	1,914	492	242	2,648	-	-	195	123	150	469	3,957
MAINE	301	-	12	313	53	-	-	63	250	414	1,146	13	1	1,823	1	25	141	3	15	185	2,374
MARYLAND	157	3	9	169	133	24	67	224	-	-	1,627	1	14	1,642	-	-	471	12	85	568	2,603
MASSACHUSETTS	165	1	4	170	381	9	4	394	3	200	802	8	8	1,013	3	205	966	7	-	1,201	2,778
MICHIGAN	149	93	523	765	3	147	305	455	-	3,307	124	2,254	559	6,244	-	78	8	493	371	950	8,414
MINNESOTA	95	9	584	688	11	59	147	217	93	1,603	5,104	924	960	8,684	-	109	219	143	146	617	10,206
MISSISSIPPI	213	81	256	560	24	38	62	124	-	543	3,829	765	202	5,439	-	20	241	28	61	350	6,473
MISSOURI	-	487	354	841	-	236	100	936	231	1,809	2,041	1,320	1,073	5,474	-	-	112	174	258	544	8,195
MONTANA	1,027	-	117	1,144	26	-	21	47	288	491	4,569	-	3	5,351	-	7	89	-	6	102	6,844
NEBRASKA	29	28	387	444	3	1	33	37	-	479	4,930	473	1,049	6,931	-	-	71	30	182	263	7,675
NEVADA	417	-	82	499	8	-	38	46	-	-	1,788	-	-	1,788	-	-	54	-	15	69	2,402
NEW HAMPSHIRE	181	-	181	362	44	-	-	44	161	79	698	26	-	964	3	5	135	20	5	168	1,357
NEW JERSEY	88	5	33	126	152	7	113	272	-	9	444	100	268	821	-	-	455	87	123	665	1,884
NEW MEXICO	779	78	49	906	65	10	19	94	159	669	2,514	-	9	3,351	10	10	192	4	9	225	4,576
NEW YORK	251	376	228	855	33	299	313	645	-	90	2,565	3,064	696	6,415	-	1	254	1,303	425	1,983	9,898
NORTH CAROLINA	221	11	388	620	102	4	120	226	6	-	3,734	23	90	3,853	-	-	588	7	72	667	5,366
NORTH DAKOTA	20	31	479	530	2	8	30	40	34	268	5,046	13	41	5,402	-	3	89	11	34	137	6,109
OHIO	59	677	101	847	22	535	162	719	-	-	2,865	1,761	355	4,981	-	2	580	760	247	1,589	8,136
OKLAHOMA	410	39	274	723	110	8	89	207	592	-	3,395	593	295	4,875	1	-	193	93	143	430	6,235
OREGON	401	19	175	595	43	5	84	132	-	235	4,374	4	56	4,689	-	1	356	21	18	395	5,797
PENNSYLVANIA	55	439	551	1,155	35	176	203	414	-	677	2,497	3,417	1,168	7,759	-	265	436	949	508	2,158	11,486
RHODE ISLAND	-	21	-	21	3	46	-	49	21	66	60	-	16	163	-	76	175	5	8	264	497
SOUTH CAROLINA	413	-	260	673	64	-	53	117	-	2,181	2,315	448	13	4,957	-	132	432	158	2	724	6,471
SOUTH DAKOTA	47	2	582	631	-	-	14	46	241	208	4,495	22	724	5,690	4	16	63	20	204	307	6,674
TENNESSEE	724	48	9	781	74	114	93	281	3	-	4,914	293	4	5,214	-	-	631	283	17	931	7,207
TEXAS	1,458	319	501	2,278	300	228	422	950	250	371	12,365	1,477	357	14,820	6	-	1,156	365	410	1,937	19,985
UTAH	694	-	84	778	54	-	92	146	-	-	2,511	-	-	2,511	-	-	106	-	3	109	3,544
VERMONT	286	-	-	286	35	-	-	35	16	13	1,006	-	2	1,037	-	-	81	-	2	83	1,441
VIRGINIA	575	66	130	771	103	43	152	298	-	36	4,452	177	70	4,740	-	3	550	76	23	652	6,461
WASHINGTON	389	-	130	519	117	-	126	243	-	-	4,232	-	141	4,373	-	-	485	-	171	656	5,791
WEST VIRGINIA 2/	-	112	317	429	-	38	52	90	-	-	1,991	7	237	2,235	-	-	152	3	58	213	2,967
WISCONSIN	12	148	356	516	-	70	54	124	-	528	4,914	1,445	1,456	8,343	-	-	288	240	419	947	9,930
WYOMING	743	1	120	864	14	-	36	50	41	40	2,783	-	-	2,864	-	-	111	-	13	124	3,902
TOTAL	16,242	5,252	11,884	33,378	3,089	3,178	5,204	11,471	3,240	20,988	153,887	31,834	15,792	225,741	45	1,236	17,466	8,448	6,269	33,464	304,054
PERCENT/SYSTEM	48.7	15.7	35.6	100.0	26.9	27.7	45.4	100.0	1.4	9.3	68.1	14.2	7.0	100.0	0.1	3.7	52.1	25.3	18.8	100.0	-

Roadway Extent, Characteristics, and Performance

FEDERAL-AID HIGHWAY SYSTEMS - 1989 MILEAGE CLASSIFIED BY TYPE OF SURFACE

TABLE HM-31
SHEET 2 OF 2
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL										FEDERAL-AID URBAN HIGHWAY SYSTEM										
	UNPAVED B/	LOW TYPE	INTER- MEDIATE TYPE	PAVED 3/			TOTAL	UNPAVED B/	LOW TYPE	INTER- MEDIATE TYPE	PAVED 3/			TOTAL	UNPAVED B/	LOW TYPE	INTER- MEDIATE TYPE	PAVED 3/			TOTAL
				FLEXIBLE	COMPOSITE	RIGID					FLEXIBLE	COMPOSITE	RIGID					FLEXIBLE	COMPOSITE	RIGID	
ALABAMA	267	3,758	2,792	4,749	-	11,299	-	160	985	-	1,544	85	18	2,792	206	2,586	-	18	2,792	206	2,586
ALASKA	985	11	786	-	-	1,771	22	3	203	-	-	-	-	203	50	1,568	-	50	2,454	2,454	2,454
ARIZONA	455	564	1,091	1,061	-	3,171	75	227	1,217	-	831	-	20	1,217	18	1,199	-	18	2,454	2,454	2,454
ARKANSAS	978	1,374	6,636	4,220	-	6,352	37	169	78	-	-	-	-	78	17,714	2,958	-	17,714	2,958	2,958	2,958
CALIFORNIA	322	121	3,093	7,278	121	10,843	12	82	2,061	-	14,826	678	367	17,714	2,958	-	17,714	2,958	2,958	2,958	2,958
COLORADO	-	-	-	3,410	-	3,410	62	362	9	-	2,396	382	66	2,396	66	2,330	-	2,330	2,330	2,330	2,330
CONNECTICUT	-	482	131	342	7	902	2	311	30	-	1,547	94	65	1,547	65	1,482	-	1,482	1,482	1,482	1,482
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	100	1,171	54	3,014	38	4,277	31	93	187	-	4,248	217	23	4,248	23	4,011	-	4,011	4,011	4,011	4,011
GEORGIA	363	3,479	2,923	7,223	22	13,647	20	134	388	-	3,397	5	38	3,397	38	3,359	-	3,359	3,359	3,359	3,359
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS	682	857	906	1,708	-	3,471	9	13	80	-	591	3,143	6	80	6,695	794	-	6,695	6,695	6,695	6,695
INDIANA	873	2,840	357	7,511	346	12,038	71	584	439	-	4,248	159	267	4,248	159	3,989	-	3,989	3,989	3,989	3,989
INDONESIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOA	1,393	308	5,526	6,041	4,845	12,142	181	66	2,773	8	1,207	1,011	524	2,773	4,627	4,651	-	4,627	4,651	4,651	4,651
KANSAS	11,833	2,121	7,706	813	30	10,775	44	264	496	-	635	159	267	1,557	1,557	1,601	-	1,557	1,601	1,601	1,601
KENTUCKY	-	86	1,789	4,728	69	7,353	1	-	69	-	1,318	304	95	1,927	1,927	1,928	-	1,927	1,928	1,928	1,928
LOUISIANA	-	-	994	5,919	-	6,913	-	-	69	-	1,318	304	95	1,927	1,927	1,928	-	1,927	1,928	1,928	1,928
MAINE	-	1,761	426	555	-	2,742	-	1	69	-	2,742	3	5	2,222	2,222	2,246	-	2,222	2,246	2,246	2,246
MARYLAND	-	26	159	1,712	9	1,906	-	-	50	-	2,052	19	17	2,147	2,147	2,147	-	2,147	2,147	2,147	2,147
MASSACHUSETTS	97	44	5,538	6,323	327	15,042	136	223	1,689	-	4,214	45	98	1,689	1,689	1,713	-	1,689	1,713	1,713	1,713
MINNESOTA	1,821	2,060	8,782	5,814	619	15,015	24	-	1,444	-	3,175	87	204	5,540	5,540	5,676	-	5,540	5,676	5,676	5,676
MISSISSIPPI	727	3,105	5,513	2,202	144	10,985	30	126	532	-	892	45	98	1,689	1,689	1,713	-	1,689	1,713	1,713	1,713
MISSOURI	-	7	8,799	1,361	22	18,091	19	96	512	-	1,032	518	262	2,440	2,440	2,469	-	2,440	2,469	2,469	2,469
MONTANA	1,782	183	860	1,943	-	4,748	7	-	60	-	261	2	12	535	535	542	-	535	542	542	542
NEBRASKA	4,579	125	3,099	3,272	338	8,170	20	-	60	-	514	27	443	1,044	1,044	1,064	-	1,044	1,064	1,064	1,064
NEVADA	51	576	242	2,924	-	2,269	-	-	50	-	500	-	6	553	553	563	-	553	563	563	563
NEW HAMPSHIRE	-	-	61	1,562	-	1,723	-	-	342	-	4,766	9	242	5,369	5,369	5,369	-	5,369	5,369	5,369	5,369
NEW JERSEY	-	631	1,663	1,557	-	3,857	5	-	255	-	2,657	2	17	559	559	564	-	559	564	564	564
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	-	629	3,687	1,803	178	6,297	-	24	1,595	-	2,623	3,661	649	8,752	8,752	8,752	-	8,752	8,752	8,752	8,752
NORTH CAROLINA	4,340	479	9,576	13	232	10,300	4	210	-	-	2,713	14	19	2,956	2,956	2,956	-	2,956	2,956	2,956	2,956
NORTH DAKOTA	-	1,332	1,174	3,699	54	6,259	44	22	180	-	6,229	1,018	59	7,837	7,837	7,837	-	7,837	7,837	7,837	7,837
OHIO	-	74	81	3,091	15	11,700	1	-	31	-	6,229	1,018	59	7,837	7,837	7,837	-	7,837	7,837	7,837	7,837
OKLAHOMA	1,076	5,238	2,719	4,143	156	10,654	59	1,581	-	-	770	124	459	2,934	2,934	2,934	-	2,934	2,934	2,934	2,934
OREGON	475	149	3,323	4,468	87	7,586	28	10	128	-	3,239	3	53	1,989	1,989	1,994	-	1,989	1,994	1,994	1,994
PENNSYLVANIA	420	-	1,116	3,755	13	8,001	28	-	602	-	2,204	2	6	7,030	7,030	7,058	-	7,030	7,058	7,058	7,058
RHODE ISLAND	-	49	-	23	-	201	-	-	-	-	-	-	-	938	938	938	-	938	938	938	938
SOUTH CAROLINA	4,063	4,437	7,173	1,358	-	8,531	3	114	804	-	351	5	3	1,163	1,163	1,163	-	1,163	1,163	1,163	1,163
SOUTH DAKOTA	-	-	933	1,364	80	6,322	21	53	58	-	2,963	14	28	8,737	8,737	8,737	-	8,737	8,737	8,737	8,737
TENNESSEE	-	1,865	45	3,745	188	5,465	-	418	917	-	8,171	784	779	8,043	8,043	8,043	-	8,043	8,043	8,043	8,043
TEXAS	-	-	-	28,164	-	32,162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	359	262	502	1,784	-	2,287	-	-	332	-	595	-	10	927	927	927	-	927	927	927	927
VERMONT	66	3,865	1,174	5,100	3	1,847	-	77	19	-	249	-	7	346	346	346	-	346	346	346	346
VIRGINIA	-	-	3,010	3,235	92	6,810	-	39	1,170	-	2,691	24	287	3,439	3,439	3,439	-	3,439	3,439	3,439	3,439
WASHINGTON	513	-	-	-	172	7,323	-	24	-	-	-	-	-	4,211	4,211	4,211	-	4,211	4,211	4,211	4,211
WEST VIRGINIA	-	535	478	5,339	3	6,355	1	17	14	-	685	-	74	800	800	800	-	800	800	800	800
WISCONSIN	-	-	3,317	8,827	10	12,979	14	40	126	-	1,985	193	24	2,919	2,919	2,919	-	2,919	2,919	2,919	2,919
WYOMING	83	324	41	1,818	-	2,183	39	16	185	-	314	-	2	311	311	311	-	311	311	311	311
TOTAL	40,436	82,797	90,172	193,043	8,188	359,320	1,130	5,807	24,010	-	92,219	15,296	9,442	146,774	146,774	147,904	-	146,774	147,904	147,904	147,904
PERCENT/SYSTEM	10+1	13+3	22+6	48+1	3+8	89+9	0+8	4+0	16+3	-	62+1	10+4	6+4	99+2	99+2	100+0	-	99+2	100+0	100+0	100+0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 2/ 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 TRUCKS (GRADE TYPE F); INTERMEDIATE, MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAYS (GRADE TYPE H); GRAVEL-TYPE FLEXIBLE MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY ON A FLEXIBLE BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE (ROAD TYPES G-2, H-2 AND I-1) - ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS (ROAD TYPES K, L AND M); HIGH-TYPE COMPOSITE, ON A RIGID BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF MORE THAN 1" (ROAD TYPES O-3, O-4, H-3, H-4, I-3 AND I-4); HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS WEARING SURFACE OF LESS THAN 1" (ROAD TYPES J, J-3 AND J-4).
 3/ UNPAVED MILEAGE INCLUDES THE FOLLOWING SYSTEMS: RURAL PRIMARY, RURAL SECONDARY, RURAL TERTIARY, AND 36 MILES IN MONTANA URBAN PRIMARY - 2 MILES IN IOWA.
 4/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM ITS MILEAGE IS SHOWN SEPARATELY.
 5/ INCLUDES UNPAVED MILEAGE IN THE FOLLOWING SYSTEMS: RURAL PRIMARY --- 71 MILES IN ALASKA, AND 36 MILES IN MONTANA URBAN PRIMARY --- 2 MILES IN IOWA.
 6/ DOES NOT INCLUDE FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).
 7/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL SURFACE AND MAINTAINED TO PERMIT PASSABILITY (ROAD TYPE B); GRADED AND DRAINED ROADWAYS OF NATURAL EARTH ALIGNED AND GRADED TO PERMIT REASONABLY IMPROVED USE BY MOTOR VEHICLES AND WHICH HAVE ADEQUATE DRAINAGE TO PREVENT SERIOUS IMPAIRMENT OF THE ROAD BY NORMAL SURFACE WATER - SURFACE MAY BE STABILIZED (ROAD TYPE C); SAND SOIL, GRAVEL, OR STONE, A GRADED AND DRAINED ROAD WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAG, SHELL, ETC. - SURFACE MAY BE STABILIZED (ROAD TYPES D AND E).

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

MILEAGE CLASSIFIED BY LANE WIDTH

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-33
 SHEET 1 OF 2
 SEPTEMBER 1990

STATE	INTERSTATE SYSTEM 2/								FEDERAL-AID PRIMARY SYSTEM 3/												TOTAL FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE			
	RURAL MILEAGE				URBAN MILEAGE				RURAL MILEAGE						URBAN MILEAGE									
	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL		
	< 12	12	> 12		< 12	12	> 12		< 9	9	10	11	12	> 12		< 9	9	10	11	12			> 12	
ALABAMA	-	640	-	640	-	242	-	242	-	-	942	685	4,207	46	5,880	-	-	65	103	686	18	872	7,634	
ALASKA	189	850	-	1,039	-	49	1	50	-	-	157	1	724	73	955	-	-	-	30	34	2	66	2,110	
ARIZONA	19	838	182	1,039	-	117	-	127	-	-	36	3,116	110	3,262	-	-	-	2	220	17	239	4,667		
ARKANSAS	-	419	-	419	-	123	-	123	-	95	1,029	1,673	1,936	-	4,733	-	14	23	92	344	4	477	5,752	
CALIFORNIA	-	1,416	-	1,416	44	943	-	987	34	97	989	1,216	7,044	137	9,517	-	1	30	72	1,448	14	1,565	13,485	
COLORADO	-	745	46	791	-	143	5	148	-	-	81	642	3,003	122	3,848	-	-	4	46	427	11	488	5,275	
CONNECTICUT	-	109	-	109	-	233	-	233	-	-	15	65	609	-	689	-	-	15	17	545	3	580	1,611	
DELAWARE	-	-	-	-	-	39	2	41	-	-	-	19	312	3	334	-	-	4	12	65	20	101	476	
DIST. OF COL.	-	-	-	-	-	12	-	12	-	-	-	-	-	-	-	-	-	18	61	46	6	178	190	
FLORIDA	-	981	1	982	-	407	7	414	-	-	554	718	4,324	145	5,745	-	5	116	189	1,720	242	2,272	9,413	
GEORGIA	-	863	10	873	-	351	21	372	-	-	274	855	6,727	726	8,582	-	7	125	124	891	381	1,528	11,365	
HAWAII	-	5	-	5	2	32	-	34	13	31	53	74	217	-	388	-	-	7	26	84	7	124	551	
IDAHO	-	530	-	530	-	76	-	76	-	5	96	198	2,360	-	2,659	-	-	1	-	55	5	61	3,326	
ILLINOIS	-	1,416	1	1,417	-	524	-	524	71	664	229	946	5,408	434	7,752	8	6	171	228	1,350	175	1,938	11,631	
INDIANA	-	851	-	851	-	266	-	266	7	-	364	725	2,855	257	4,208	-	3	29	66	535	137	770	6,095	
IOWA	-	594	51	645	-	111	26	137	5	334	227	1,317	5,757	427	8,067	3	3	11	9	535	150	717	9,566	
KANSAS	-	712	-	712	-	159	-	159	-	19	14	405	7,275	-	7,713	-	8	4	33	288	-	333	8,917	
KENTUCKY	-	579	-	579	-	184	-	184	-	511	660	467	1,675	22	3,335	-	5	76	44	333	14	472	4,570	
LOUISIANA	-	653	-	653	-	187	-	187	-	-	62	496	2,090	-	2,648	-	2	30	71	365	1	469	3,967	
MAINE	-	313	-	313	-	53	-	53	-	14	332	578	854	45	1,823	-	-	11	15	113	46	185	2,374	
MARYLAND	-	169	-	169	-	217	7	224	-	11	89	298	1,234	10	1,642	-	2	24	79	431	32	568	2,603	
MASSACHUSETTS	-	170	-	170	-	392	2	394	-	35	16	189	593	183	1,013	-	1	86	80	670	484	1,201	2,778	
MICHIGAN	-	765	-	765	1	454	-	455	-	-	313	1,920	4,011	-	6,244	-	3	46	182	717	2	950	8,414	
MINNESOTA	-	688	-	688	-	217	-	217	-	-	318	808	7,212	346	8,684	-	-	4	24	584	5	617	10,206	
MISSISSIPPI	-	560	-	560	-	124	-	124	-	-	496	676	4,267	-	5,439	-	-	17	28	300	5	350	6,473	
MISSOURI	-	841	-	841	-	336	-	336	-	136	1,720	1,444	3,147	27	6,474	-	-	20	47	473	4	544	8,195	
MONTANA	-	1,144	-	1,144	-	47	-	47	-	31	315	577	4,414	14	5,351	-	-	-	-	100	2	102	6,644	
NEBRASKA	-	443	1	444	1	35	1	37	-	-	34	505	5,402	990	6,931	-	-	27	15	172	49	263	7,675	
NEVADA	-	499	-	499	-	46	-	46	-	-	1	1,787	-	1,788	-	-	-	-	69	-	-	69	2,402	
NEW HAMPSHIRE	-	181	-	181	-	43	-	44	-	2	33	63	850	16	964	-	-	5	1	135	27	168	1,357	
NEW JERSEY	-	126	-	126	2	267	3	272	-	6	306	45	434	30	821	-	-	127	48	463	27	665	1,884	
NEW MEXICO	-	906	-	906	-	94	-	94	-	-	393	133	2,725	100	3,351	-	-	37	6	177	5	225	4,576	
NEW YORK	-	794	61	855	-	604	41	645	-	7	94	1,228	2,055	2,782	256	6,415	-	5	129	168	1,507	174	1,983	9,898
NORTH CAROLINA	-	620	-	620	-	226	-	226	-	-	254	496	687	2,409	-	3,853	-	18	6	53	590	-	667	5,366
NORTH DAKOTA	-	530	-	530	-	40	-	40	-	-	-	132	5,244	26	5,402	-	-	-	2	133	2	137	6,109	
OHIO	-	847	-	847	-	719	-	719	-	246	646	892	3,159	38	4,981	-	-	32	194	183	1,017	163	1,589	8,136
OKLAHOMA	3	720	-	723	-	205	2	207	-	-	28	757	4,005	85	4,875	-	-	8	28	298	96	430	6,235	
OREGON	-	591	4	595	-	132	-	132	-	-	293	676	3,668	34	4,669	-	-	15	21	344	16	396	5,782	
PENNSYLVANIA	-	1,154	1	1,155	-	414	-	414	148	759	1,537	2,783	2,455	77	7,759	-	1	307	499	1,195	115	2,168	11,486	
RHODE ISLAND	-	21	-	21	-	49	-	49	-	-	27	38	66	32	163	-	-	31	55	143	35	264	497	
SOUTH CAROLINA	-	673	-	673	5	112	-	117	-	27	161	1,053	3,667	49	4,957	-	1	31	72	571	49	724	6,471	
SOUTH DAKOTA	-	631	-	631	-	46	-	46	-	-	29	247	217	5,197	-	5,690	-	8	11	284	4	307	6,674	
TENNESSEE	-	781	-	781	-	281	-	281	-	118	862	1,884	2,349	1	5,214	-	-	102	186	632	11	931	7,207	
TEXAS	-	2,277	1	2,278	-	950	-	950	-	2	150	1,032	10,271	3,365	14,820	-	-	11	45	1,745	136	1,937	19,985	
UTAH	-	778	-	778	-	146	-	146	-	-	-	-	2,511	-	2,511	-	-	-	-	109	-	109	3,544	
VERMONT	-	286	-	286	-	35	-	35	-	10	91	476	380	80	1,037	2	1	6	11	53	10	83	1,441	
VIRGINIA	8	760	3	771	1	294	3	298	36	121	2,506	712	1,277	88	4,740	-	1	153	132	274	92	652	6,461	
WASHINGTON	-	519	-	519	1	242	-	243	3	-	406	2,085	1,878	1	4,373	-	-	10	156	488	2	655	5,791	
WEST VIRGINIA 4/	-	428	1	429	-	90	-	90	97	520	699	380	532	7	2,235	2	2	41	27	140	-	213	2,967	
WISCONSIN	-	516	-	516	-	124	-	124	-	-	281	2,150	5,932	-	8,343	3	-	42	133	767	-	947	9,930	
WYOMING	-	864	-	864	-	47	3	50	-	-	51	86	2,706	21	2,864	-	-	1	11	98	14	124	3,902	
TOTAL	219	32,796	363	33,378	57	11,279	135	11,471	424	4,175	19,800	35,864	157,065	8,423	225,741	19	187	2,271	3,508	24,664	2,815	33,464	304,054	
PERCENT/SYSTEM	0.6	98.3	1.1	100.0	0.5	98.3	1.2	100.0	0.2	1.8	8.8	15.9	69.6	3.7	100.0	0.1	0.6	6.8	10.5	73.6	8.4	100.0	-	

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

MILEAGE CLASSIFIED BY LANE WIDTH

TABLE HM-33
SHEET 2 OF 2
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	FEDERAL-AID SECONDARY SYSTEM - RURAL							FEDERAL-AID URBAN SYSTEM						
	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	3,664	5,576	1,473	841	2	11,556	8	160	1,092	459	795	278	2,792
ALASKA	-	4	91	186	827	663	1,771	7	-	19	17	160	25	228
ARIZONA	-	212	130	138	2,393	298	3,171	8	5	142	285	2,009	80	2,529
ARKANSAS	124	507	4,281	1,722	696	-	7,330	28	82	434	204	279	126	1,153
CALIFORNIA	16	329	345	2,245	7,317	913	11,165	114	354	1,507	1,649	12,818	1,284	17,726
COLORADO	-	-	908	647	1,804	51	3,410	7	33	282	349	1,444	273	2,388
CONNECTICUT	-	30	67	326	479	-	902	90	225	405	374	1,588	275	2,957
DELAWARE	-	87	176	163	153	23	602	21	25	76	26	82	81	311
DIST. OF COL.	-	-	-	-	-	-	-	12	35	111	48	20	7	233
FLORIDA	110	1,086	1,848	501	832	-	4,377	34	190	1,029	552	2,280	502	4,587
GEORGIA	361	1,907	6,133	1,808	3,411	380	14,000	-	212	923	644	1,206	1,002	3,987
HAWAII	89	107	106	36	94	3	435	6	21	148	43	40	65	323
IDAHO	166	277	1,081	193	2,435	1	4,153	2	2	50	52	577	54	737
ILLINOIS	498	868	4,837	5,227	1,336	205	12,971	91	324	1,656	1,103	2,805	787	6,766
INDIANA	24	2,179	3,261	957	3,105	139	9,665	98	605	1,399	691	1,304	554	4,651
IOWA	-	147	879	8,933	2,623	953	13,535	7	40	69	233	809	1,284	2,442
KANSAS	-	392	3,101	8,746	8,892	1,477	22,608	-	284	102	285	930	-	1,601
KENTUCKY	416	3,873	1,918	890	205	10	7,312	93	369	580	378	372	136	1,928
LOUISIANA	-	94	3,386	1,592	2,281	-	7,353	-	64	750	263	1,087	-	2,164
MAINE	27	792	1,089	573	246	15	2,742	6	41	181	103	180	194	705
MARYLAND	102	245	688	465	393	13	1,906	91	71	404	329	936	316	2,147
MASSACHUSETTS	112	170	423	605	418	279	2,007	97	93	1,005	643	1,764	2,302	5,904
MICHIGAN	-	735	6,988	5,203	3,674	446	17,046	28	51	1,123	1,938	2,005	531	5,676
MINNESOTA	-	135	774	4,389	11,223	135	16,636	1	2	106	164	1,935	38	2,246
MISSISSIPPI	288	852	7,533	1,162	1,878	-	11,713	9	133	599	268	550	154	1,713
MISSOURI	-	1,448	13,273	2,717	640	13	18,091	-	91	485	623	1,020	240	2,459
MONTANA	69	99	190	245	4,110	35	4,748	2	1	6	18	312	3	342
NEBRASKA	777	349	1,520	2,946	4,566	1,291	11,449	76	32	144	143	505	164	1,064
NEVADA	-	-	134	29	2,154	-	2,317	-	10	19	5	519	-	553
NEW HAMPSHIRE	3	92	354	320	448	16	1,233	45	34	90	130	352	72	723
NEW JERSEY	-	9	487	123	755	349	1,723	95	54	859	754	1,650	1,948	5,360
NEW MEXICO	-	65	646	208	2,336	675	3,930	1	6	76	38	323	120	564
NEW YORK	-	230	2,169	2,459	1,393	56	6,297	173	470	1,682	1,817	3,469	1,141	8,752
NORTH CAROLINA	141	1,547	4,758	1,213	2,641	-	10,300	51	412	362	468	1,667	-	2,960
NORTH DAKOTA	-	307	826	1,413	7,775	278	10,599	1	19	36	36	426	3	488
OHIO	562	3,686	4,506	1,744	1,189	13	11,700	292	1,093	2,094	951	2,808	600	7,838
OKLAHOMA	454	1,566	1,349	2,451	5,858	52	11,730	66	203	607	396	940	781	2,993
OREGON	75	702	3,071	1,779	2,109	75	7,811	21	102	347	435	941	148	1,994
PENNSYLVANIA	1,171	2,029	2,085	1,914	601	201	8,001	335	820	2,229	1,503	1,683	488	7,068
RHODE ISLAND	9	11	60	59	44	18	201	16	70	129	135	275	313	938
SOUTH CAROLINA	46	518	2,349	3,918	1,519	181	8,531	-	29	305	205	527	100	1,166
SOUTH DAKOTA	281	779	1,190	2,081	6,579	75	10,985	7	5	11	39	193	3	258
TENNESSEE	118	1,511	1,718	1,819	289	-	5,455	42	172	687	791	1,342	99	3,133
TEXAS	-	1,971	12,106	3,790	13,347	1,366	32,602	19	121	893	1,282	5,036	731	8,084
UTAH	167	68	152	197	2,062	-	2,646	-	-	13	51	857	6	927
VERMONT	-	211	588	784	306	24	1,913	5	29	83	90	85	56	348
VIRGINIA	2,841	2,220	3,903	1,144	63	34	10,205	99	446	1,011	521	875	487	3,439
WASHINGTON	90	394	2,497	1,751	2,148	443	7,323	63	251	938	1,091	1,594	298	4,235
WEST VIRGINIA 4/	1,725	2,543	1,035	783	269	-	6,355	82	202	169	101	247	-	801
WISCONSIN	-	39	3,462	7,522	1,956	-	12,979	35	44	400	781	1,723	-	2,983
WYOMING	-	-	307	539	1,420	-	2,266	-	10	57	98	316	69	550
TOTAL	10,862	41,086	120,354	92,108	124,123	11,223	399,756	2,386	8,129	27,907	23,602	67,662	18,218	147,904
PERCENT/SYSTEM	2.7	10.3	30.1	23.0	31.1	2.8	100.0	1.6	5.5	18.9	16.0	45.7	12.3	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
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/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

FEDERAL-AID HIGHWAY SYSTEMS - 1989

MILEAGE CLASSIFIED BY TRAFFIC LANES, ACCESS CONTROL AND STATES

TABLE HK-35
SHEET 1 OF 2
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE SYSTEM 3/										FEDERAL-AID PRIMARY HIGHWAY SYSTEM 5/										TOTAL FEDERAL-AID PRIMARY HIGHWAY SYSTEM 6/
	RURAL MILEAGE					URBAN MILEAGE					RURAL MILEAGE					URBAN MILEAGE					
	DIVIDED HIGHWAYS		FULL ACCESS CONTROL		OTHER	DIVIDED HIGHWAYS		FULL ACCESS CONTROL		OTHER	DIVIDED HIGHWAYS		FULL ACCESS CONTROL		OTHER	DIVIDED HIGHWAYS		FULL ACCESS CONTROL		OTHER	
	4 LANES	> 4 LANES	4 LANES	> 4 LANES	Z/	4 LANES	> 4 LANES	4 LANES	> 4 LANES	Z/	4 LANES	> 4 LANES	4 LANES	> 4 LANES	Z/	4 LANES	> 4 LANES	4 LANES	> 4 LANES	Z/	
ALABAMA	635	5	640	164	78	242	5,065	566	3	569	225	5,880	316	340	316	377	179	872	7,634		
ALASKA	-	-	1,039	1,039	34	120	3,056	52	27	83	114	3,262	81	66	81	116	42	239	2,867		
ARIZONA	418	1	419	83	40	123	4,470	-	47	129	134	4,739	219	14	14	111	147	477	5,752		
ARKANSAS	1,139	277	1,416	120	867	987	8,073	110	421	319	367	9,517	387	293	387	647	1,053	125	13,485		
CALIFORNIA	767	24	791	90	166	1,488	3,280	300	256	1,288	52	3,848	52	3	52	407	29	4,888	5,275		
CONNECTICUT	81	28	109	72	151	233	589	72	94	184	7	589	299	43	239	53	50	580	1,611		
DELAWARE	-	-	-	-	-	41	171	121	41	182	1	354	52	50	52	174	59	18	476		
DIST. OF COL.	974	8	982	274	8	12	4,337	1,349	-	1,349	59	5,745	43	32	43	6	89	190	9,413		
FLORIDA	758	115	873	160	212	372	7,562	544	7	618	382	8,582	662	1,599	662	1,633	154	2,272	11,855		
GEORGIA	-	-	-	-	-	34	375	7	-	7	6	388	35	11	35	74	15	124	551		
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ILLINOIS	504	38	542	75	1	76	2,506	6	53	73	80	2,659	22	13	22	95	14	326	3,326		
INDIANA	1,378	234	1,612	234	290	524	7,067	84	314	189	758	587	199	545	199	82	298	1,938	11,331		
IOWA	812	39	851	142	124	1,266	3,159	779	169	341	4,208	341	184	89	22	235	134	710	6,095		
KANSAS	613	32	645	97	40	137	7,673	59	107	92	136	8,067	324	81	81	156	237	9,566	9,566		
KENTUCKY	701	11	712	110	49	159	7,289	25	167	98	195	7,713	158	8	158	34	171	8,917	8,917		
LOUISIANA	848	64	912	102	64	184	2,164	336	63	399	55	2,948	133	92	133	76	70	4,567	5,415		
MARYLAND	305	17	322	52	81	153	1,784	-	9	9	30	1,823	112	12	112	28	45	195	2,374		
MASSACHUSETTS	74	90	164	62	161	224	1,159	194	190	64	448	35	1,642	167	62	380	33	568	2,803		
MICHIGAN	103	67	170	80	314	394	904	2	21	44	67	1,013	945	46	34	205	51	1,201	2,778		
MINNESOTA	655	110	765	202	251	1,055	5,855	155	223	320	425	6,244	255	192	344	940	950	8,414	10,286		
MISSISSIPPI	874	14	888	140	77	217	7,577	422	6	681	36	8,684	285	173	40	30	84	9,508	9,508		
MISSOURI	560	-	560	104	20	124	4,718	390	242	58	680	31	5,439	129	72	194	37	950	6,473		
MONTANA	841	175	1,016	44	211	335	5,756	122	33	93	680	265	6,474	202	137	220	122	544	8,195		
NEBRASKA	1,144	47	1,191	28	11	1,241	6,281	29	3	32	36	6,351	40	35	27	102	102	6,544	6,544		
NEVADA	444	-	444	26	11	37	8,838	47	10	57	36	8,931	115	86	6	99	50	283	7,675		
NEW HAMPSHIRE	498	22	520	27	18	48	1,593	1	10	18	30	1,788	11	12	15	44	15	202	2,022		
NEW JERSEY	154	51	205	54	10	244	3,059	3	34	20	147	3,204	128	5	15	25	15	168	3,372		
NEW MEXICO	853	13	866	52	220	272	6,617	93	247	217	67	8,211	224	237	414	27	685	1,884	10,195		
NEW YORK	765	89	854	308	397	645	5,401	103	66	469	382	6,415	782	188	253	510	250	1,983	8,888		
NORTH CAROLINA	598	11	609	210	25	246	5,057	345	350	244	127	5,402	54	120	109	354	125	6,206	6,206		
NORTH DAKOTA	759	42	801	418	293	719	3,925	169	588	183	940	116	4,381	122	313	147	423	1,589	6,136		
OHIO	723	140	863	140	64	207	4,152	459	82	59	600	113	4,875	120	110	39	56	105	5,235		
OREGON	570	84	654	570	46	132	4,158	31	29	61	450	4,589	166	14	33	29	76	164	386		
PENNSYLVANIA	1,143	9	1,152	328	86	414	6,399	313	87	457	857	7,789	900	292	64	565	711	2,189	11,486		
RHODE ISLAND	21	6	27	6	43	45	121	5	7	16	29	163	14	24	89	61	284	497	497		
SOUTH CAROLINA	673	-	673	96	21	117	4,072	754	15	15	784	101	4,857	195	397	12	34	86	794		
SOUTH DAKOTA	631	46	677	46	21	46	5,369	96	120	105	216	5,690	87	36	36	72	148	307	6,074		
TENNESSEE	728	53	781	172	109	281	4,686	306	45	8	359	169	5,214	343	225	103	365	233	7,207		
TEXAS	2,258	112	2,370	421	529	2,676	10,990	2,028	421	127	2,576	1,254	4,820	344	404	124	543	1,937	15,985		
UTAH	718	22	740	38	107	145	2,362	20	28	12	43	2,511	43	33	20	54	12	109	3,544		
VERMONT	285	35	320	35	20	35	1,037	59	3	55	20	1,037	59	2	11	13	83	1,441	1,441		
VIRGINIA	582	89	671	163	131	298	3,386	953	136	191	4,740	236	186	19	47	252	164	652	6,461		
WASHINGTON	407	112	519	100	143	243	4,156	20	151	36	1,171	36	4,373	248	127	264	144	566	5,791		
WEST VIRGINIA 5/	425	9	434	80	9	90	1,978	187	37	445	32	2,235	141	30	15	87	15	213	2,867		
WISCONSIN	874	45	919	207	57	124	4,658	94	140	445	225	5,243	430	184	124	358	145	947	6,502		
WYOMING	864	-	864	49	-	50	2,625	10	-	10	425	2,884	37	13	23	38	145	124	3,502		
TOTAL	30,711	1,640	32,351	5,769	6,653	49	11,471	195,828	11,755	5,470	21,601	7,112	225,741	12,187	7,451	3,160	4,248	14,859	6,418,334		
PERCENT/SYSTEM	92.0	4.6	3.4	100.0	49.3	0.4	100.0	87.1	5.3	2.4	2.0	100.0	36.4	22.2	9.5	12.7	44.4	19.2	100.0		

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

MILEAGE CLASSIFIED BY TRAFFIC LANES, ACCESS CONTROL AND STATES

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-36
SHEET 2 OF 2
SEPTEMBER 1990

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL							FEDERAL-AID URBAN HIGHWAY SYSTEM						
	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 4/			TOTAL				DEGREE OF ACCESS CONTROL 4/			TOTAL		
		NONE	PARTIAL	FULL					NONE	PARTIAL	FULL			
ALABAMA	11,443	108	-	-	108	5	11,556	2,169	167	3	-	170	453	2,792
ALASKA	1,771	-	-	-	-	-	1,771	181	4	2	-	6	41	228
ARIZONA	2,954	29	-	-	29	188	3,171	1,398	521	113	-	634	497	2,529
ARKANSAS	7,318	6	-	-	6	6	7,330	950	18	-	-	18	165	1,153
CALIFORNIA	11,006	77	35	-	112	47	11,165	9,614	4,679	705	79	5,463	2,649	17,726
COLORADO	3,350	-	24	-	24	36	3,410	1,573	196	164	8	368	447	2,388
CONNECTICUT	592	-	-	-	-	-	592	2,722	22	4	28	28	207	2,957
DELAWARE	597	5	-	-	5	-	602	238	27	-	1	28	45	311
DIST. OF COL.	-	-	-	-	-	-	-	184	2	-	-	2	47	233
FLORIDA	4,348	29	-	-	29	-	4,377	3,141	1,038	56	36	1,130	316	4,587
GEORGIA	13,981	-	-	-	-	19	14,000	3,394	54	-	-	54	539	3,987
HAWAII	435	-	-	-	-	-	435	228	25	-	-	25	70	323
IDAHO	3,941	-	12	-	12	200	4,153	601	32	14	2	48	88	737
ILLINOIS	12,948	12	-	-	12	11	12,971	4,994	608	21	-	629	1,143	6,766
INDIANA	8,979	53	-	-	53	633	9,665	3,973	189	31	3	223	455	4,651
IOWA	13,472	-	-	-	-	63	13,535	1,767	82	-	-	82	593	2,442
KANSAS	22,564	34	-	-	34	10	22,608	1,412	98	55	7	160	29	1,601
KENTUCKY	7,287	10	-	15	25	-	7,312	1,671	102	21	1	124	133	1,928
LOUISIANA	7,008	319	-	-	319	26	7,353	1,541	350	13	10	373	250	2,164
MAINE	2,742	-	-	-	-	-	2,742	658	3	2	7	12	35	705
MARYLAND	1,871	-	29	-	29	6	1,906	1,267	396	69	19	474	406	2,147
MASSACHUSETTS	1,969	-	-	-	-	38	2,007	5,823	39	16	57	24	74	5,904
MICHIGAN	16,934	-	-	-	-	52	17,046	3,993	246	24	11	281	1,402	5,676
MINNESOTA	16,612	29	-	-	23	1	16,636	1,668	203	51	35	289	289	2,246
MISSISSIPPI	11,695	4	14	-	18	-	11,713	1,470	20	16	-	36	207	1,713
MISSOURI	18,056	7	15	-	22	13	18,091	1,591	114	115	7	236	632	2,469
MONTANA	4,748	-	-	-	-	-	4,748	272	34	5	1	40	30	342
NEBRASKA	11,447	-	2	-	2	-	11,449	904	76	3	-	79	81	1,064
NEVADA	2,303	14	-	-	14	-	2,317	163	177	-	-	177	213	553
NEW HAMPSHIRE	1,230	3	-	-	3	-	1,233	688	17	3	5	25	10	723
NEW JERSEY	1,644	2	-	-	2	77	1,723	4,742	61	23	12	96	522	5,360
NEW MEXICO	3,789	114	-	-	114	27	3,930	338	120	14	-	134	92	564
NEW YORK	6,288	3	-	-	3	6	6,297	7,031	715	220	38	973	748	8,752
NORTH CAROLINA	10,071	3	-	-	3	226	10,300	2,158	133	8	26	159	645	2,960
NORTH DAKOTA	10,539	-	-	-	-	-	10,539	450	2	-	-	10	28	488
OHIO	11,201	4	223	14	241	258	11,700	6,334	145	123	24	292	1,212	7,838
OKLAHOMA	11,550	138	18	6	162	18	11,730	2,219	126	2	27	155	619	2,993
OREGON	7,779	11	-	-	11	21	7,811	1,654	34	8	2	44	296	1,934
PENNSYLVANIA	7,457	-	-	-	-	544	8,001	6,180	229	7	30	266	612	7,058
RHODE ISLAND	191	4	-	-	4	6	201	842	9	10	3	22	74	938
SOUTH CAROLINA	8,322	92	-	-	92	117	8,531	860	234	-	-	234	72	1,166
SOUTH DAKOTA	10,985	-	-	-	-	-	10,985	246	-	1	-	1	11	258
TENNESSEE	5,424	11	-	-	11	20	5,455	2,418	161	-	40	201	514	3,133
TEXAS	31,883	367	29	38	434	305	32,602	4,795	1,134	119	52	1,305	1,984	8,084
UTAH	2,589	26	-	-	26	31	2,646	559	228	36	9	273	95	927
VERMONT	1,910	3	-	-	3	-	1,913	340	-	-	-	-	8	348
VIRGINIA	10,039	109	-	-	109	57	10,205	2,538	452	21	56	529	372	3,439
WASHINGTON	7,203	64	-	-	64	56	7,323	3,213	117	10	-	127	895	4,236
WEST VIRGINIA 6/	6,352	-	-	-	-	3	6,355	712	49	9	-	58	31	801
WISCONSIN	12,975	4	-	-	4	-	12,979	2,433	244	23	-	267	283	2,983
WYOMING	2,266	-	-	-	-	-	2,266	500	6	8	-	14	36	550
TOTAL	394,468	1,688	401	73	2,162	3,126	399,756	110,808	13,738	2,122	571	16,431	20,665	147,904
PERCENT/SYSTEM	98.7	0.4	0.1	0.0	0.5	0.8	100.0	74.9	9.3	1.4	0.4	11.1	14.0	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING AND TURNING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.
2/ INCLUDES 3 LANE ROADWAYS, ONE-WAY STREETS, UNDIVIDED 4 LANE HIGHWAYS, ETC.
3/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
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.
5/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
6/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

MILEAGE CLASSIFIED BY TRAFFIC LANES AND ACCESS CONTROL

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-36
 SEPTEMBER 1990

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:			109	0.0	-	-	525	0.1	634	0.1
2 LANES	1,081	3.2	196,668	87.2	-	-	394,465	98.7	592,214	89.8
3 LANES	18	0.1	2,039	0.9	-	-	319	0.1	2,376	0.4
4 OR MORE LANES - UNDIVIDED	73	0.2	4,694	2.1	-	-	1,739	0.4	6,506	1.0
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	12,110	5.4	-	-	2,223	0.6	14,333	2.2
PARTIAL	28	0.1	5,506	2.4	-	-	409	0.1	5,943	0.9
FULL	32,178	96.4	4,615	2.0	-	-	76	0.0	36,869	5.6
TOTAL RURAL	33,378	100.0	225,741	100.0	-	-	399,756	100.0	658,875	100.0
SMALL URBAN AREA:										
ONE-WAY STREETS	-	-	204	1.7	367	1.2	-	-	571	1.3
2 LANES	2	0.1	5,832	49.5	28,029	88.6	-	-	33,863	75.8
3 LANES	-	-	216	1.8	283	0.9	-	-	499	1.1
4 OR MORE LANES - UNDIVIDED	-	-	2,025	17.2	1,925	6.1	-	-	3,950	8.8
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	1,901	16.1	841	2.7	-	-	2,742	6.1
PARTIAL	7	0.5	929	7.9	112	0.4	-	-	1,048	2.3
FULL	1,336	99.4	688	5.8	27	0.1	-	-	2,051	4.6
TOTAL SMALL URBAN AREA	1,345	100.0	11,795	100.0	31,584	100.0	-	-	44,724	100.0
URBANIZED AREA:										
ONE-WAY STREETS	9	0.1	546	2.5	3,341	2.9	-	-	3,896	2.6
2 LANES	18	0.2	6,184	28.5	81,155	69.6	-	-	87,357	59.1
3 LANES	3	0.0	258	1.2	1,108	1.0	-	-	1,369	0.9
4 OR MORE LANES - UNDIVIDED	25	0.2	3,197	14.8	15,190	13.1	-	-	18,412	12.4
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	2	0.0	5,649	26.1	13,033	11.2	-	-	18,684	12.6
PARTIAL	11	0.1	2,148	9.9	1,958	1.7	-	-	4,117	2.8
FULL	10,058	99.4	3,687	17.0	635	0.5	-	-	14,280	9.6
TOTAL URBANIZED AREA	10,126	100.0	21,669	100.0	116,320	100.0	-	-	148,115	100.0
TOTAL URBAN:										
ONE-WAY STREETS	9	0.1	750	2.2	3,708	2.5	-	-	4,467	2.3
2 LANES	20	0.2	12,016	35.9	109,184	73.8	-	-	121,220	62.8
3 LANES	3	0.0	474	1.4	1,391	0.9	-	-	1,868	1.0
4 OR MORE LANES - UNDIVIDED	25	0.2	5,222	15.6	17,115	11.6	-	-	22,362	11.6
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	2	0.0	7,550	22.6	13,874	9.4	-	-	21,426	11.1
PARTIAL	18	0.2	3,077	9.2	2,070	1.4	-	-	5,165	2.7
FULL	11,394	99.3	4,375	13.1	562	0.4	-	-	16,331	8.5
TOTAL URBAN	11,471	100.0	33,464	100.0	147,904	100.0	-	-	192,839	100.0
TOTAL RURAL AND URBAN	44,849	-	259,205	-	147,904	-	399,756	-	651,714	-

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES. (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS.

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 - 1989¹

MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-37
SHEET 1 OF 3
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE SYSTEM - RURAL 2/					FEDERAL-AID PRIMARY 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		
ALABAMA	-	50	366	224	640	443	1,484	1,313	778	491	978	268	125	5,880	6,520
ALASKA	986	28	24	1	1,039	515	361	-	8	33	33	5	-	955	1,994
ARIZONA	56	191	642	150	1,039	485	930	609	451	153	529	74	31	3,262	4,301
ARKANSAS	-	22	333	64	419	491	1,382	1,300	458	359	596	125	22	4,733	5,152
CALIFORNIA	-	233	459	724	1,416	1,736	1,585	1,114	1,010	752	1,712	649	959	9,517	10,933
COLORADO	200	368	102	121	791	966	1,260	463	403	223	379	99	55	3,848	4,639
CONNECTICUT	-	-	29	80	109	2	15	93	42	32	295	97	113	689	798
DELAWARE	-	-	-	-	-	-	9	10	11	8	89	92	115	334	334
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	5	31	412	534	982	260	509	1,050	739	462	1,548	661	516	5,745	6,727
GEORGIA	1	106	220	546	873	922	2,149	1,714	1,005	899	1,464	308	121	8,582	9,455
HAWAII	-	-	-	5	5	5	86	19	43	29	87	59	60	388	393
IDAHO	222	186	116	6	530	881	771	469	217	148	152	19	2	2,659	3,189
ILLINOIS	16	300	957	144	1,417	350	2,067	2,415	1,250	369	1,049	154	98	7,752	9,169
INDIANA	7	101	368	375	851	54	284	817	920	269	1,213	388	263	4,208	5,059
INDIA	16	186	307	136	645	1,838	2,748	1,687	803	454	507	29	1	8,067	8,712
KANSAS	80	414	213	5	712	2,469	2,584	1,168	910	142	353	58	29	7,713	8,425
KENTUCKY	-	71	179	329	579	111	490	578	557	459	906	185	49	3,395	3,914
LOUISIANA	-	-	384	269	653	73	365	652	418	322	569	142	107	2,648	3,301
MAINE	78	57	107	71	313	115	285	366	247	184	472	110	44	1,823	2,136
MARYLAND	-	-	1	168	169	-	62	199	117	127	509	228	400	1,642	1,811
MASSACHUSETTS	-	-	25	145	170	3	79	119	146	50	314	169	133	1,013	1,183
MICHIGAN	51	159	261	294	765	247	1,136	1,214	792	553	1,622	329	351	6,244	7,009
MINNESOTA	110	318	197	63	688	2,393	2,240	1,681	914	521	706	174	55	8,684	9,372
MISSISSIPPI	-	219	272	69	560	731	1,454	1,126	748	539	635	153	53	5,439	5,999
MISSOURI	15	108	434	284	841	1,013	1,367	790	1,080	612	1,157	353	102	6,474	7,315
MONTANA	908	221	15	-	1,144	3,106	1,428	333	218	75	172	16	3	5,351	6,495
NEBRASKA	104	7	295	38	444	2,512	2,745	955	315	175	204	21	4	6,931	7,375
NEVADA	224	180	55	40	499	657	689	168	41	110	62	45	16	1,788	2,287
NEW HAMPSHIRE	20	28	77	56	181	12	66	84	177	107	321	137	60	964	1,145
NEW JERSEY	-	-	15	111	126	-	-	43	34	38	318	205	183	821	947
NEW MEXICO	267	230	357	52	906	1,061	1,103	491	354	102	151	66	23	3,351	4,267
NEW YORK	19	240	282	314	855	206	1,057	1,529	768	656	1,632	398	169	6,415	7,270
NORTH CAROLINA	-	15	173	432	620	217	330	462	576	278	1,377	371	242	3,853	4,473
NORTH DAKOTA	398	132	-	530	949	4,090	949	240	65	22	16	20	-	5,402	5,932
OHIO	2	-	198	647	847	93	422	893	961	450	1,634	324	204	4,981	5,828
OKLAHOMA	32	83	557	51	723	465	1,574	1,309	378	294	687	130	38	4,875	5,598
OREGON	91	180	178	146	595	1,187	806	511	660	549	772	140	44	4,669	5,264
PENNSYLVANIA	2	50	783	320	1,155	452	1,164	1,310	1,097	777	1,898	640	481	7,759	8,914
RHODE ISLAND	-	-	-	21	21	7	7	26	16	22	54	17	14	163	184
SOUTH CAROLINA	-	-	290	383	673	439	1,005	1,010	907	243	905	303	145	4,957	5,630
SOUTH DAKOTA	399	198	34	-	631	3,667	1,332	401	173	62	52	3	-	5,890	6,321
TENNESSEE	13	2	292	474	781	378	871	966	905	366	1,338	287	113	5,214	5,995
TEXAS	445	579	817	437	2,278	1,874	3,580	2,577	1,981	935	2,914	597	362	14,820	17,098
UTAH	417	258	56	47	778	1,207	628	303	118	83	142	21	9	2,511	3,289
VERMONT	102	66	116	2	286	82	140	232	197	116	229	40	1	1,037	1,323
VIRGINIA	7	53	249	462	771	191	645	922	405	380	1,384	533	260	4,740	5,511
WASHINGTON	34	141	185	159	519	1,190	913	614	476	377	551	161	91	4,373	4,892
WEST VIRGINIA 4/	36	69	234	90	429	133	629	343	179	210	606	82	53	2,235	2,664
WISCONSIN	-	34	302	180	516	971	1,771	2,106	1,164	695	1,300	164	172	8,343	8,859
WYOMING	500	348	16	-	864	1,159	1,247	234	166	32	25	1	-	2,864	3,726
TOTAL	5,863	6,262	11,984	9,269	33,378	41,459	50,823	39,028	26,338	15,334	36,618	9,650	6,491	225,741	259,119
PERCENT/SYSTEM	17.6	18.8	35.8	27.8	100.0	18.4	22.4	17.3	11.7	6.8	16.2	4.3	2.9	100.0	-

Roadway Extent, Characteristics, and Performance

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-37
 SHEET 2 OF 3
 SEPTEMBER 1990

STATE	INTERSTATE SYSTEM - URBAN 2/						FEDERAL-AID PRIMARY SYSTEM - URBAN 3/								URBAN FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE
	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 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	26	114	69	24	9	242	134	261	156	125	115	46	35	872	1,114
ALASKA	9	30	11	-	-	50	35	9	7	10	3	2	-	66	116
ARIZONA	27	38	19	19	24	127	24	76	29	15	51	23	21	239	366
ARKANSAS	15	64	26	18	-	123	54	165	128	72	44	5	9	477	600
CALIFORNIA	14	42	96	175	660	987	61	145	157	136	191	207	668	1,565	2,552
COLORADO	16	36	29	37	28	148	33	54	116	106	76	44	59	488	636
CONNECTICUT	2	22	54	93	62	233	6	70	130	124	106	97	47	580	813
DELAWARE	-	10	10	16	5	41	2	14	21	12	18	17	17	101	142
DIST. OF COL.	-	-	1	5	6	12	2	15	29	30	48	31	23	178	190
FLORIDA	8	103	130	76	97	414	77	257	416	373	613	314	222	2,272	2,686
GEORGIA	8	107	93	67	97	372	178	372	342	203	271	92	70	1,528	1,900
HAWAII	4	-	7	9	14	34	-	10	11	6	37	21	37	124	158
IDAHO	29	36	11	-	-	76	10	16	18	5	10	2	-	61	137
ILLINOIS	61	171	75	85	132	524	136	428	423	212	463	150	126	1,938	2,462
INDIANA	8	118	61	68	11	266	49	214	164	122	154	43	24	770	1,036
IOWA	25	81	24	7	-	137	198	285	118	74	40	2	-	717	854
KANSAS	45	60	34	17	3	159	60	118	46	38	55	2	14	333	492
KENTUCKY	1	72	58	46	7	184	48	106	132	78	61	32	15	472	656
LOUISIANA	20	71	52	28	16	187	74	105	95	50	81	37	27	469	656
MAINE	15	26	12	-	-	53	12	58	53	34	24	4	-	185	238
MARYLAND	1	19	35	64	105	224	19	27	56	108	131	90	137	568	792
MASSACHUSETTS	3	56	134	124	77	394	38	163	519	218	95	62	106	1,201	1,595
MICHIGAN	13	114	131	101	96	455	26	182	191	139	152	131	129	950	1,405
MINNESOTA	19	40	79	51	28	217	111	156	113	53	83	66	35	617	834
MISSISSIPPI	14	94	9	7	-	124	51	120	83	41	41	14	-	350	474
MISSOURI	27	62	71	92	84	336	58	101	113	95	108	44	25	544	880
MONTANA	47	-	-	-	-	47	25	34	21	12	8	1	1	102	149
NEBRASKA	5	15	5	9	3	37	47	78	47	29	43	15	4	263	300
NEVADA	7	16	5	12	6	46	-	28	14	3	10	7	7	69	115
NEW HAMPSHIRE	-	19	20	5	-	44	2	31	67	23	30	5	10	168	212
NEW JERSEY	4	30	60	97	81	272	67	21	67	51	191	54	214	665	937
NEW MEXICO	46	21	11	9	7	94	34	56	47	38	33	13	4	225	319
NEW YORK	34	221	159	126	105	645	135	354	345	339	275	151	384	1,983	2,628
NORTH CAROLINA	1	93	95	35	2	226	36	103	146	111	137	81	53	667	893
NORTH DAKOTA	31	9	-	-	-	40	46	40	29	11	10	1	-	137	177
OHIO	11	194	251	182	81	719	124	329	435	295	275	86	45	1,589	2,308
OKLAHOMA	33	66	45	59	4	207	61	144	110	56	14	13	32	430	637
OREGON	23	23	38	34	14	132	37	79	93	67	72	17	31	396	526
PENNSYLVANIA	23	166	123	78	24	414	180	463	352	395	410	166	192	2,158	2,572
RHODE ISLAND	-	15	12	6	16	49	46	44	55	41	66	12	-	264	313
SOUTH CAROLINA	6	41	34	34	2	117	65	159	116	121	167	68	28	724	841
SOUTH DAKOTA	28	18	-	-	-	46	80	98	49	47	25	8	-	307	353
TENNESSEE	1	77	92	93	18	281	57	210	236	132	203	42	51	931	1,212
TEXAS	106	212	218	237	177	950	204	390	345	270	253	154	321	1,937	2,887
UTAH	17	33	60	24	12	146	18	25	30	11	22	-	3	109	255
VERMONT	14	19	2	-	-	35	9	32	20	12	9	1	-	83	118
VIRGINIA	7	77	54	86	74	298	27	158	96	95	115	114	47	652	950
WASHINGTON	9	48	54	43	89	243	57	98	111	45	131	112	102	656	899
WEST VIRGINIA 4/ WISCONSIN	6	64	14	6	-	90	11	57	53	70	15	7	-	213	303
WYOMING	8	50	18	23	25	124	111	305	228	119	91	55	38	947	1,071
TOTAL	925	3,117	2,701	2,427	2,301	11,471	3,003	6,920	6,804	4,884	5,679	2,781	3,413	33,464	44,935
PERCENT/SYSTEM	8.1	27.1	23.5	21.2	20.1	100.0	9.0	20.6	20.3	14.6	17.0	8.3	10.2	100.0	-

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-37
SHEET 3 OF 3
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	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	
ALABAMA	257	3,699	3,948	3,432	185	35	11,556	227	968	517	594	334	152	2,792
ALASKA	448	700	279	309	35	-	1,771	31	52	19	49	52	25	228
ARIZONA	-	421	656	1,624	433	137	3,171	285	437	299	355	561	592	2,529
ARKANSAS	551	2,932	2,012	1,741	79	15	7,330	189	300	230	279	131	24	1,153
CALIFORNIA	75	2,285	2,168	5,116	1,028	493	11,165	903	2,663	1,815	3,462	4,241	4,642	17,726
COLORADO	-	651	1,832	872	50	5	3,410	356	657	346	554	309	166	2,388
CONNECTICUT	-	-	9	645	182	66	902	279	765	544	825	482	62	2,957
DELAWARE	-	12	67	449	65	9	602	13	58	27	77	98	38	311
DIST. OF COL.	-	-	-	-	-	-	-	-	23	48	91	63	8	233
FLORIDA	-	856	1,162	2,006	282	71	4,377	208	859	727	1,089	880	824	4,587
GEORGIA	311	4,124	3,519	5,660	302	84	14,000	425	1,102	539	1,030	632	199	3,987
HAWAII	-	60	74	237	37	27	435	3	37	42	93	103	45	323
IDAHO	389	1,873	1,028	799	59	5	4,153	100	232	128	159	102	16	737
ILLINOIS	287	5,580	2,569	4,431	89	15	12,971	566	1,303	883	1,483	1,856	675	6,766
INDIANA	93	1,610	2,376	4,190	384	1,012	9,665	752	1,446	595	842	739	177	4,651
IOWA	1,082	7,005	3,662	1,777	9	-	13,535	664	647	365	403	147	16	2,442
KANSAS	8,703	10,361	2,273	1,227	36	8	22,608	249	488	249	311	253	51	1,601
KENTUCKY	-	914	1,317	4,799	309	33	7,312	104	450	280	605	375	114	1,928
LOUISIANA	-	731	2,128	3,934	438	122	7,353	206	276	430	676	405	171	2,164
MAINE	-	150	758	1,721	105	8	2,742	60	222	145	168	96	14	705
MARYLAND	-	60	173	1,332	262	79	1,906	135	328	267	516	457	444	2,147
MASSACHUSETTS	53	258	339	1,213	123	21	2,007	103	1,896	1,636	1,876	322	71	5,904
MICHIGAN	633	3,402	3,128	9,022	825	136	17,046	271	1,001	953	1,449	1,393	609	5,676
MINNESOTA	1,633	7,215	4,588	3,221	73	6	16,636	346	495	313	442	472	179	2,246
MISSISSIPPI	737	6,185	2,415	2,157	190	29	11,713	257	540	323	382	197	14	1,713
MISSOURI	588	10,044	3,167	4,055	190	47	18,091	161	456	318	534	637	353	2,459
MONTANA	1,468	2,448	240	579	11	2	4,748	27	102	68	76	61	8	342
NEBRASKA	3,435	6,253	1,267	486	5	4	11,449	108	348	155	261	168	24	1,064
NEVADA	166	1,476	35	595	31	14	2,317	8	44	56	144	148	153	553
NEW HAMPSHIRE	-	35	145	891	138	24	1,233	113	203	119	185	93	30	723
NEW JERSEY	19	7	121	1,005	475	96	1,723	171	876	722	1,631	1,756	204	5,350
NEW MEXICO	343	1,642	864	992	69	20	3,930	56	110	76	133	92	97	564
NEW YORK	-	227	1,706	3,771	539	54	6,297	543	1,607	1,286	2,150	2,035	1,131	8,752
NORTH CAROLINA	-	583	1,225	7,064	1,179	249	10,300	130	430	514	856	820	210	2,960
NORTH DAKOTA	3,709	6,272	603	15	-	-	10,599	132	162	77	89	24	4	488
OHIO	-	1,577	2,355	6,995	684	89	11,700	408	1,977	1,760	2,123	1,309	261	7,838
OKLAHOMA	844	4,173	2,538	4,005	130	40	11,730	576	801	409	574	430	203	2,993
OREGON	996	2,732	2,064	1,892	102	25	7,811	213	558	341	432	354	96	1,994
PENNSYLVANIA	428	966	1,522	4,492	489	104	8,001	586	1,628	1,270	1,866	1,391	317	7,058
RHODE ISLAND	-	25	38	126	12	-	201	198	226	93	153	190	78	938
SOUTH CAROLINA	46	1,666	2,795	3,576	388	59	8,531	38	217	204	344	293	70	1,166
SOUTH DAKOTA	4,939	5,358	517	139	5	27	10,985	78	77	40	50	11	2	258
TENNESSEE	-	1,772	800	2,613	210	60	5,455	403	814	452	644	532	288	3,133
TEXAS	607	12,069	8,990	9,997	710	229	32,602	841	1,498	1,218	1,926	1,850	751	8,084
UTAH	310	1,296	629	357	49	5	2,646	39	155	111	210	251	161	927
VERMONT	33	233	458	1,118	65	6	1,913	40	114	53	85	53	3	348
VIRGINIA	-	3,449	2,072	4,079	491	114	10,205	178	611	578	879	733	460	3,439
WASHINGTON	1,312	2,341	587	2,261	566	156	7,323	546	1,049	569	1,027	748	296	4,236
WEST VIRGINIA 4/	331	1,382	1,026	3,329	263	24	6,355	109	234	100	196	123	39	801
WISCONSIN	-	4,534	5,351	2,980	99	15	12,979	286	891	542	700	456	108	2,983
WYOMING	80	1,552	355	272	7	-	2,266	144	218	79	91	16	2	550
TOTAL	34,706	135,196	84,051	129,437	12,487	3,879	399,756	12,863	32,851	23,030	35,209	29,274	14,677	147,904
PERCENT/SYSTEM	8.7	33.8	21.0	32.4	3.1	1.0	100.0	8.7	22.2	15.6	23.8	19.8	9.9	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
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/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

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

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-39
 SHEET 1 OF 3
 SEPTEMBER 1990

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	-	-	-	-	-	224	117	73	-	5	1	-	2	422	422
9 FEET	64	-	-	-	64	1,121	1,619	619	399	194	187	55	-	4,194	4,258
10 FEET	42	-	-	-	42	4,610	5,608	3,703	2,261	1,055	1,986	284	80	19,587	19,629
11 FEET	83	-	-	-	83	5,820	8,983	7,346	4,432	2,498	4,749	970	222	35,020	35,103
12 FEET	892	24	51	29	996	28,376	31,977	25,029	16,735	9,670	19,894	3,060	1,190	135,931	136,927
GREATER THAN 12 FEET	-	-	-	-	-	1,295	2,154	1,203	1,142	659	1,190	328	146	8,117	8,117
TOTAL UNDIVIDED	1,081	24	51	29	1,185	41,446	50,458	37,973	24,969	14,081	28,007	4,697	1,640	203,271	204,456
DIVIDED:															
NO ACCESS CONTROL:															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	4	-	-	4	4
10 FEET	-	-	-	-	-	-	1	-	6	8	127	103	82	327	327
11 FEET	-	-	-	-	-	-	1	29	64	238	204	173	735	735	735
12 FEET	-	-	-	-	-	-	224	415	801	610	4,384	2,309	2,245	10,988	10,988
GREATER THAN 12 FEET	-	-	-	-	-	-	1	8	14	-	61	65	50	199	199
SUBTOTAL	-	-	-	-	-	-	227	452	885	644	4,814	2,681	2,550	12,253	12,253
PARTIAL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	5	-	-	-	15	20	20
11 FEET	-	-	-	-	-	2	-	3	-	-	21	14	41	81	81
12 FEET	-	-	8	9	28	11	135	448	217	293	2,068	1,319	981	5,472	5,500
GREATER THAN 12 FEET	-	11	-	-	11	-	1	1	27	5	29	4	14	80	80
SUBTOTAL	-	11	8	9	28	13	135	452	249	298	2,118	1,337	1,051	5,653	5,681
FULL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	-	-	3	-	3	-	-	-	-	-	-	5	-	5	8
9 FEET	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1
10 FEET	-	18	7	-	25	-	-	-	-	-	-	11	-	11	36
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	4,734	6,108	11,788	9,142	31,772	-	3	151	235	311	1,677	903	1,248	4,528	36,300
GREATER THAN 12 FEET	48	101	127	88	364	-	-	-	-	-	2	16	2	20	384
SUBTOTAL	4,782	6,227	11,925	9,231	32,165	-	3	151	235	311	1,679	935	1,250	4,564	36,729
TOTAL DIVIDED	4,782	6,238	11,933	9,240	32,193	13	365	1,055	1,369	1,253	8,611	4,953	4,851	22,470	54,663
TOTAL	5,863	6,262	11,984	9,269	33,378	41,459	50,823	39,028	26,338	15,334	36,618	9,650	6,491	225,741	259,119

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

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

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-39
 SHEET 2 OF 3
 SEPTEMBER 1990

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE SYSTEM - URBAN 2/						FEDERAL-AID PRIMARY HIGHWAY SYSTEM - URBAN 3/								URBAN FEDERAL- AID PRIMARY SYSTEM INCLUDING INTERSTATE
	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 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	-	-	-	-	-	-	4	8	2	2	-	-	-	16	16
9 FEET	-	-	-	-	-	-	32	57	34	29	17	-	-	169	169
10 FEET	1	-	-	-	-	1	290	412	382	301	354	155	18	1,912	1,913
11 FEET	-	-	-	1	1	2	452	762	487	389	314	76	41	2,521	2,523
12 FEET	10	5	2	6	13	36	1,713	3,472	2,851	1,573	1,162	432	130	11,333	11,369
GREATER THAN 12 FEET	-	1	-	-	-	1	212	601	758	461	242	42	3	2,319	2,320
TOTAL UNDIVIDED	11	6	2	7	14	40	2,703	5,312	4,514	2,755	2,089	705	192	18,270	18,310
DIVIDED:															
NO ACCESS CONTROL:															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	5	-	-	5	5
9 FEET	-	-	-	-	-	-	-	-	1	-	-	4	-	5	5
10 FEET	-	-	-	-	-	-	1	35	31	39	94	84	56	340	340
11 FEET	-	-	-	-	-	-	1	78	96	88	168	113	147	691	691
12 FEET	-	1	2	-	-	3	130	718	1,046	1,049	1,827	756	688	6,214	6,217
GREATER THAN 12 FEET	-	-	-	-	-	-	10	60	80	66	163	70	28	477	477
SUBTOTAL	-	1	2	-	-	3	142	891	1,254	1,242	2,257	1,027	919	7,732	7,735
PARTIAL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	1	8	2	5	29	45	45
11 FEET	-	-	-	-	-	-	2	9	22	40	34	6	23	136	136
12 FEET	1	12	3	-	-	16	73	412	615	487	642	280	340	2,849	2,865
GREATER THAN 12 FEET	-	1	-	-	-	1	1	15	19	9	14	10	3	71	72
SUBTOTAL	1	13	3	-	-	17	76	436	657	544	692	301	395	3,101	3,118
FULL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	-	-	-	-	1	1	-	-	-	-	-	-	3	4	5
9 FEET	-	-	-	-	-	-	1	-	-	-	-	-	3	7	8
10 FEET	-	1	-	-	41	52	-	5	6	12	10	43	44	120	172
11 FEET	-	1	5	5	2,243	11,222	-	272	369	327	614	664	1,856	4,182	15,404
12 FEET	904	3,035	2,645	2,395	2,243	11,222	80	272	369	327	614	664	1,856	4,182	15,404
GREATER THAN 12 FEET	9	60	44	20	2	135	1	4	3	4	14	21	1	48	183
SUBTOTAL	913	3,097	2,694	2,420	2,287	11,411	82	281	379	343	641	728	1,907	4,361	15,772
TOTAL DIVIDED	914	3,111	2,699	2,420	2,287	11,431	300	1,608	2,290	2,129	3,590	2,056	3,221	15,194	26,625
TOTAL	925	3,117	2,701	2,427	2,301	11,471	3,003	6,920	6,804	4,884	5,679	2,761	3,413	33,464	44,935

Roadway Extent, Characteristics, and Performance

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

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

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TABLE HM-39
SHEET 3 OF 3
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

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	2,580	5,577	2,003	586	-	-	10,746	912	791	425	175	76	17	2,396
9 FEET	2,986	15,526	9,265	12,721	425	2	40,925	2,197	3,324	1,237	902	389	78	8,127
10 FEET	6,902	46,142	28,174	37,035	1,859	339	120,451	3,493	8,896	4,582	5,636	3,191	1,113	26,851
11 FEET	9,324	26,730	21,492	31,378	2,284	391	91,599	1,656	5,419	3,605	5,705	3,686	1,278	21,349
12 FEET	10,957	37,801	21,765	42,775	6,849	2,518	122,665	3,206	10,395	9,377	15,142	12,609	3,039	53,768
GREATER THAN 12 FEET	1,957	3,420	1,230	3,503	645	181	10,936	1,224	3,633	3,239	5,215	3,456	444	17,211
TOTAL UNDIVIDED	34,706	135,196	83,929	127,998	12,062	3,431	397,322	12,688	32,398	22,465	32,775	23,407	5,969	129,702
DIVIDED:														
NO ACCESS CONTROL:														
LESS THAN 9 FEET	-	-	-	-	-	-	-	4	-	-	-	-	3	7
9 FEET	-	-	-	-	-	-	-	2	3	7	32	-	14	58
10 FEET	-	-	-	168	2	8	178	14	61	56	203	289	486	1,109
11 FEET	-	-	-	97	2	1	100	65	73	48	192	731	1,078	2,187
12 FEET	-	-	107	841	181	378	1,507	82	214	364	1,357	3,733	5,252	11,002
GREATER THAN 12 FEET	-	-	-	11	128	14	153	6	67	53	244	357	257	984
SUBTOTAL	-	-	107	1,117	313	401	1,938	173	418	528	2,028	5,110	7,090	15,347
PARTIAL ACCESS CONTROL: 4/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	1	9	1	2	-	13
10 FEET	-	-	-	-	-	-	-	-	2	-	52	3	32	89
11 FEET	-	-	-	-	-	13	13	-	-	4	29	50	151	234
12 FEET	-	-	-	274	110	20	404	2	25	16	245	518	1,026	1,832
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	4	3	12	29	43	91
SUBTOTAL	-	-	-	274	110	33	417	2	32	32	339	602	1,252	2,259
FULL ACCESS CONTROL: 4/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	3	-	20	15	16	54
12 FEET	-	-	15	48	2	14	79	-	-	5	46	140	331	522
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	1	-	19	20
SUBTOTAL	-	-	15	48	2	14	79	-	3	5	67	155	366	596
TOTAL DIVIDED	-	-	122	1,439	425	448	2,434	175	453	565	2,434	5,867	8,708	18,202
TOTAL	34,706	135,196	84,051	129,437	12,487	3,879	399,756	12,863	32,851	23,030	35,209	29,274	14,677	147,904

Highway Statistics, 1989

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLE DATA FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988), FACTORED TO NATIONWIDE 1989 LEVELS.

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 - 1989
FREE, TOLL AND OTHER DESIGNATED CATEGORIES
(UNADJUSTED DATA)

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-45
 SEPTEMBER 1990

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., SECTION 139(B) 6/		
	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	882	-	882	-	-	-	20	-	20	-	-	-	2	-	2
ALASKA	1,089	-	1,089	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	1,166	-	1,166	-	-	-	3	-	3	-	-	-	-	-	-
ARKANSAS	526	-	526	16	-	16	-	-	-	-	-	-	99	-	99
CALIFORNIA	2,281	10	2,291	108	5	113	22	-	22	-	-	-	46	-	46
COLORADO	939	-	939	-	-	-	11	-	11	-	-	-	19	-	19
CONNECTICUT	199	88	287	55	-	55	4	-	4	-	-	-	-	-	-
DELAWARE	26	14	40	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	12	-	12	-	-	-	1	-	1	-	-	-	-	-	-
FLORIDA	1,384	11	1,395	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA	1,244	-	1,244	-	-	-	-	-	-	-	-	-	6	-	6
HAWAII	40	-	40	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	605	-	605	-	-	-	7	-	7	-	-	-	-	-	-
ILLINOIS	1,560	155	1,715	117	107	224	-	-	-	-	-	-	63	18	81
INDIANA	956	157	1,113	5	-	5	22	-	22	-	-	-	-	-	-
IOWA	782	-	782	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	633	187	820	-	50	50	-	-	-	-	-	-	-	-	-
KENTUCKY	741	-	741	21	-	21	-	-	-	-	-	-	-	-	-
LOUISIANA	673	-	673	82	-	82	-	-	-	-	-	-	-	-	-
MAINE	260	55	315	-	50	50	39	-	39	88	-	88	-	-	-
MARYLAND	334	56	390	4	-	4	1	-	1	-	-	-	5	-	5
MASSACHUSETTS	330	134	464	100	-	100	-	3	3	-	-	-	-	3	3
MICHIGAN	1,147	6	1,153	67	-	67	22	-	22	-	-	-	-	-	-
MINNESOTA	904	-	904	-	-	-	8	-	8	-	-	-	-	-	-
MISSISSIPPI	685	-	685	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	1,159	-	1,159	19	-	19	-	-	-	-	-	-	26	-	26
MONTANA	1,191	-	1,191	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA	481	-	481	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	544	-	544	1	-	1	-	-	-	-	-	-	47	-	47
NEW HAMPSHIRE	198	21	219	6	-	6	-	-	-	-	-	-	-	-	-
NEW JERSEY	306	92	398	-	-	-	24	-	24	-	-	-	-	-	-
NEW MEXICO	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	910	488	1,398	69	34	103	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	831	-	831	14	-	14	17	-	17	-	-	-	91	-	91
NORTH DAKOTA	571	-	571	-	-	-	-	-	-	-	-	-	-	-	-
OHIO	1,324	206	1,530	-	35	35	8	-	8	-	-	-	-	-	-
OKLAHOMA	634	174	808	35	85	120	3	-	3	-	-	-	-	-	-
OREGON	721	-	721	7	-	7	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	1,179	362	1,541	29	-	29	17	-	17	-	-	-	-	-	-
RHODE ISLAND	70	-	70	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	754	-	754	36	-	36	18	-	18	-	-	-	110	-	110
SOUTH DAKOTA	678	-	678	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	1,038	-	1,038	24	-	24	-	-	-	-	-	-	-	-	-
TEXAS	3,158	-	3,158	70	-	70	6	-	6	-	-	-	-	-	-
UTAH	924	-	924	-	-	-	14	-	14	-	-	-	-	-	-
VERMONT	320	-	320	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	1,041	3	1,044	2	23	25	27	-	27	-	-	-	16	-	16
WASHINGTON	762	-	762	-	-	-	2	-	2	-	-	-	-	-	-
WEST VIRGINIA 7/	431	87	518	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	579	-	579	61	-	61	-	-	-	-	-	-	-	-	-
WYOMING	914	-	914	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	41,116	2,306	43,422	948	389	1,337	296	3	299	88	-	88	530	21	551

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/ 1988 DATA (1989 DATA NOT AVAILABLE).

NATIONAL NETWORK FOR TRUCKS - 1989¹

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

MILEAGE COMPILED IN COOPERATION
WITH STATE AUTHORITIES

TABLE HM-43
SEPTEMBER 1990

STATE	OPEN-TO-TRAFFIC MILEAGE				NON-INTERSTATE FAP DESIGNATED TRUCK ROUTE MILEAGE	TRUCK ROUTE MILEAGE INCLUDING NON-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	TRUCK ROUTE MILEAGE	
								AS PERCENT OF TOTAL INCLUDING INTERSTATE	AS PERCENT OF TOTAL PUBLIC ROAD MILEAGE
ALABAMA 2/	882	6,752	7,634	90,535	1,287	2,169	19.06	28.41	2.40
ALASKA 2/	1,089	1,021	2,110	12,272	-	486	0.00	23.03	3.96
ARIZONA 2/	1,166	3,501	4,667	57,398	3,329	4,495	95.09	96.31	7.83
ARKANSAS 3/	542	5,210	5,752	77,122	5,210	5,752	100.00	100.00	7.46
CALIFORNIA 2/	2,403	11,082	13,485	164,298	6,747	9,150	60.88	67.85	5.57
COLORADO 3/	939	4,336	5,275	77,361	4,330	5,269	99.86	99.89	6.81
CONNECTICUT 2/	342	1,269	1,611	19,914	130	472	10.24	29.30	2.37
DELAWARE 2/	41	435	476	5,417	185	226	42.53	47.48	4.17
DIST. OF COL. 2/	12	178	190	1,102	4	16	2.25	8.42	1.45
FLORIDA 2/	1,396	8,017	9,413	107,955	534	1,930	6.66	20.50	1.79
GEORGIA 2/	1,245	10,110	11,355	108,010	502	1,847	5.95	16.27	1.71
HAWAII 2/	39	512	551	4,082	502	541	98.05	98.19	13.25
IDAHO 4/	606	2,720	3,326	61,317	1,825	2,431	67.10	73.09	3.96
ILLINOIS 2/	1,941	9,690	11,631	135,878	142	2,083	1.47	17.91	1.53
INDIANA 3/	1,117	4,978	6,095	91,744	4,978	6,095	100.00	100.00	6.64
IOWA 2/	782	8,784	9,566	112,551	7,161	7,943	81.52	83.03	7.06
KANSAS 3/	871	8,046	8,917	133,156	8,045	8,916	99.99	99.99	6.70
KENTUCKY 2/	763	3,807	4,570	69,711	1,944	2,707	51.06	59.23	3.88
LOUISIANA 2/	840	3,117	3,957	58,521	3,130	3,970	100.42	100.33	6.78
MAINE 2/	366	2,008	2,374	22,240	12	378	0.60	15.92	1.70
MARYLAND 2/	393	2,210	2,603	28,495	391	784	17.69	30.12	2.75
MASSACHUSETTS 2/	564	2,214	2,778	33,807	90	654	4.07	23.54	1.93
MICHIGAN 2/	1,220	7,194	8,414	117,996	5,191	6,411	72.16	76.19	5.43
MINNESOTA 2/	905	9,301	10,206	129,553	3,934	4,839	42.30	47.41	3.74
MISSISSIPPI 3/	684	5,789	6,473	72,312	5,778	6,462	99.81	99.83	8.94
MISSOURI 2/	1,177	7,018	8,195	120,077	2,397	3,574	34.16	43.61	2.98
MONTANA 4/	1,191	5,453	6,644	71,360	5,453	6,644	100.00	100.00	9.31
NEBRASKA 3/	481	7,194	7,675	92,459	7,187	7,666	99.90	99.91	8.29
NEVADA 3/	545	1,857	2,402	44,856	1,815	2,360	97.74	98.25	5.26
NEW HAMPSHIRE 2/	225	1,132	1,357	14,803	14	239	1.24	17.61	1.61
NEW JERSEY 2/	398	1,486	1,884	34,246	23	421	1.55	22.35	1.23
NEW MEXICO 2/	1,000	3,576	4,576	54,807	2,584	3,584	72.26	78.32	6.54
NEW YORK 2/	1,500	8,398	9,898	110,964	1,643	3,143	19.56	31.75	2.83
NORTH CAROLINA 2/	846	4,520	5,366	94,228	2,406	3,252	53.23	60.60	3.45
NORTH DAKOTA 2/	570	5,539	6,109	86,384	1,669	2,239	30.13	36.65	2.59
OHIO 3/	1,566	6,570	8,136	113,439	6,558	8,124	99.82	99.85	7.16
OKLAHOMA 3/	930	5,305	6,235	111,669	5,305	6,235	100.00	100.00	5.58
OREGON 2/	727	5,065	5,792	95,430	4,031	4,758	79.59	82.15	4.99
PENNSYLVANIA 2/	1,569	9,917	11,486	116,277	1,705	3,274	17.19	28.50	2.82
RHODE ISLAND 2/	70	427	497	5,884	25	95	5.85	19.11	1.61
SOUTH CAROLINA 2/	790	5,681	6,471	64,104	1,118	1,908	19.68	29.49	2.98
SOUTH DAKOTA 3/	677	5,997	6,674	73,378	5,996	6,673	99.98	99.99	9.09
TENNESSEE 2/	1,062	6,145	7,207	84,081	1,541	2,603	25.08	36.12	3.10
TEXAS 3/	3,228	16,757	19,985	305,692	16,757	19,985	100.00	100.00	6.54
UTAH 3/	924	2,620	3,544	42,971	2,620	3,544	100.00	100.00	8.25
VERMONT 2/	321	1,120	1,441	14,093	30	351	2.68	24.36	2.49
VIRGINIA 2/	1,069	5,392	6,461	67,282	1,967	3,036	36.48	46.99	4.51
WASHINGTON 3/	762	5,029	5,791	81,439	5,028	5,790	99.98	99.98	7.11
WEST VIRGINIA 2/ 5/	519	2,448	2,967	34,477	242	761	9.89	25.65	2.21
WISCONSIN 2/	640	9,290	9,930	109,813	5,494	6,134	59.14	61.77	5.59
WYOMING 3/	914	2,988	3,902	39,541	2,951	3,865	98.76	99.05	9.77
U.S. TOTAL	44,849	259,205	304,054	3,876,501	152,040	196,286	58.66	64.56	5.06
PUERTO RICO 2/	198	518	716	13,185	71	269	13.71	37.57	2.04
GRAND TOTAL	45,047	259,723	304,770	3,889,686	152,111	196,555	58.57	64.49	5.05

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/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1989

COUNT BY FEDERAL-AID SYSTEM

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

TABLE HM-41
SEPTEMBER 1990

STATE	RURAL						URBAN						UN-CLASSIFIED 1/	TOTAL BRIDGES
	INTERSTATE	FEDERAL-AID PRIMARY	FEDERAL-AID SECONDARY	TOTAL FEDERAL-AID	NON-FEDERAL-AID	TOTAL	INTERSTATE	FEDERAL-AID PRIMARY	FEDERAL-AID URBAN	TOTAL FEDERAL-AID	NON-FEDERAL-AID	TOTAL		
ALABAMA	604	2,259	3,151	6,014	7,085	13,099	554	454	688	1,696	642	2,338	-	15,437
ALASKA	129	113	260	502	182	684	20	17	43	80	37	117	-	801
ARIZONA	1,513	1,406	786	3,705	841	4,546	164	137	579	880	327	1,207	2	5,755
ARKANSAS	393	2,083	2,221	4,697	6,864	11,561	230	318	724	1,272	152	1,424	-	12,985
CALIFORNIA	1,719	3,097	2,288	7,104	5,973	13,077	1,832	1,690	4,375	7,897	1,447	9,344	1	22,422
COLORADO	658	992	656	2,306	3,410	5,716	322	355	629	1,306	491	1,797	-	7,513
CONNECTICUT	122	279	231	632	809	1,441	643	598	783	2,024	379	2,403	-	3,844
DELAWARE	-	81	81	162	224	386	91	58	165	314	38	352	-	738
DIST. OF COL.	-	-	-	-	-	-	70	98	42	210	27	237	-	237
FLORIDA	717	1,643	774	3,134	2,644	5,778	897	996	1,168	3,061	1,497	4,558	-	10,336
GEORGIA	616	2,471	2,878	5,965	5,812	11,777	514	645	948	2,107	321	2,428	-	14,205
HAWAII	8	190	143	341	250	591	82	172	72	326	126	452	1	1,044
IDAHO	345	423	641	1,409	1,896	3,305	-	-	-	-	-	-	-	-
ILLINOIS	1,024	2,698	3,485	7,207	14,075	21,282	87	21	164	272	142	414	-	3,719
INDIANA	1,011	1,262	2,568	4,841	9,552	14,393	1,037	871	1,645	3,553	737	4,290	-	25,572
IOWA	430	2,354	3,260	6,044	17,897	23,941	813	533	1,124	2,470	662	3,132	-	17,525
KANSAS	604	2,761	6,265	9,630	14,315	23,945	282	350	547	1,179	572	1,751	-	25,692
KENTUCKY	423	1,330	2,341	4,094	7,588	11,682	395	283	479	1,157	530	1,687	-	25,632
LOUISIANA	871	1,228	2,698	4,797	6,992	11,789	333	257	309	899	103	1,002	-	12,684
MAINE	179	341	420	940	1,253	2,193	473	198	556	1,227	959	2,186	48	14,023
MARYLAND	-	-	-	-	-	-	93	80	169	342	51	393	-	2,586
MASSACHUSETTS	237	516	527	1,280	1,489	2,769	456	405	584	1,445	386	1,831	4	4,604
MICHIGAN	388	357	460	1,205	899	2,104	703	627	1,244	2,674	295	2,869	2	4,975
MINNESOTA	407	1,084	1,845	3,336	4,144	7,480	729	606	1,214	2,551	603	3,154	-	10,634
MISSISSIPPI	289	1,471	2,070	3,830	7,287	11,117	404	304	661	1,369	555	1,924	-	13,041
MISSOURI	571	2,239	4,171	6,981	8,917	15,898	206	227	210	643	462	1,105	10	17,013
MISSOURI	554	2,082	4,272	6,908	13,643	20,551	601	464	847	1,912	952	2,864	-	23,415
MONTANA	724	1,017	540	2,281	2,154	4,435	89	59	70	218	53	271	-	4,706
NEBRASKA	231	2,015	2,339	4,585	10,370	14,955	108	159	250	517	210	727	-	15,682
NEVADA	310	125	105	540	220	760	115	38	120	273	54	327	-	1,087
NEW HAMPSHIRE	268	328	292	888	1,241	2,129	101	95	163	359	82	441	-	2,570
NEW JERSEY	155	443	430	1,028	1,154	2,182	739	981	1,495	3,215	639	3,854	-	6,036
NEW MEXICO	654	875	480	2,009	867	2,876	196	106	66	367	205	572	-	3,448
NEW YORK	660	1,957	1,566	4,183	7,248	11,431	1,181	1,404	2,066	4,651	1,234	5,885	8	17,324
NORTH CAROLINA	458	1,184	2,242	3,884	9,542	13,426	354	507	901	1,762	1,109	2,871	4	16,301
NORTH DAKOTA	313	609	707	1,629	3,407	5,036	76	29	48	153	28	181	-	5,217
OHIO	980	2,207	4,300	7,487	15,781	23,268	1,260	1,220	2,366	4,848	1,106	5,954	-	29,222
OKLAHOMA	763	2,310	3,786	6,859	13,823	20,682	495	438	937	1,870	196	2,066	4	22,752
OREGON	474	839	1,736	3,049	2,544	5,593	241	225	250	716	286	1,002	2	6,597
PENNSYLVANIA	1,228	3,094	2,485	6,807	10,323	17,130	834	1,528	1,783	4,145	1,385	5,530	10	22,670
RHODE ISLAND	18	30	21	69	73	142	127	148	217	492	63	555	1	698
SOUTH CAROLINA	435	1,293	1,868	3,596	4,371	7,967	172	279	236	687	263	950	-	8,917
SOUTH DAKOTA	385	945	1,208	2,538	3,941	6,479	68	53	81	202	88	290	-	6,769
TENNESSEE	790	2,399	2,120	5,309	10,021	15,330	595	992	650	2,237	1,044	3,281	-	18,611
TEXAS	3,434	7,033	8,254	18,721	14,172	32,893	2,604	2,594	3,078	8,276	3,855	12,131	1	45,025
UTAH	446	343	288	1,077	706	1,783	-	-	-	-	-	-	-	-
VERMONT	275	363	517	1,155	1,345	2,500	320	35	167	522	299	821	-	2,604
VIRGINIA	824	1,582	2,527	4,933	5,390	10,323	38	18	87	143	20	163	-	2,863
WASHINGTON	345	1,066	1,200	2,611	2,694	5,305	641	385	960	1,986	420	2,406	1	12,730
WASHINGTON	-	-	-	-	-	-	535	480	419	1,434	202	1,636	15	6,956
WEST VIRGINIA	404	639	1,669	2,712	3,027	5,739	232	149	228	609	104	713	1	6,453
WISCONSIN	569	1,917	1,948	4,434	6,172	10,606	440	738	778	1,956	437	2,393	-	12,999
WYOMING	861	471	338	1,670	876	2,546	93	41	93	227	54	281	-	2,827
TOTAL	29,816	69,844	91,458	191,118	275,503	466,621	23,685	23,124	37,822	84,631	25,929	110,560	115	577,296
PERCENT - TOTAL	5.2	12.1	15.8	33.1	47.7	80.8	4.1	4.0	6.6	14.7	4.5	19.2	0.0	100.0

1/ FEDERAL-AID SYSTEM CODE NOT REPORTED OR UNUSABLE.

Roadway Extent, Characteristics, and Performance

JURISDICTION - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-50
SHEET 1 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

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	640	1,992	-	-	-	-	1,992	3,817	25	-	3	44	3,889
ALASKA	1,039	53	-	-	-	-	53	902	-	-	-	-	902
ARIZONA	1,039	1,037	-	-	-	-	1,037	2,196	-	-	-	30	2,226
ARKANSAS	419	1,930	-	-	-	-	1,930	3,166	-	-	-	-	3,166
CALIFORNIA	1,416	2,844	-	-	-	94	2,938	6,449	60	-	-	87	6,596
COLORADO	791	1,901	2	-	-	-	1,903	1,947	5	-	-	-	1,952
CONNECTICUT	109	226	-	-	-	-	226	464	-	8	-	-	472
DELAWARE	-	151	-	-	1	1	153	182	-	-	-	-	182
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	982	2,589	12	-	-	-	2,601	3,457	37	-	1	-	3,495
GEORGIA	873	2,681	10	-	-	15	2,706	5,741	55	-	2	78	5,876
HAWAII	5	13	-	-	-	-	13	380	5	-	-	-	385
IDAHO	530	1,633	-	-	-	-	1,633	1,026	-	-	-	-	1,026
ILLINOIS	1,417	225	-	-	-	-	225	7,508	13	2	4	-	7,527
INDIANA	851	1,083	-	-	-	-	1,083	3,117	5	-	5	-	3,127
IOWA	645	3,122	20	-	1	-	3,143	4,794	117	-	13	-	4,924
KANSAS	712	3,250	-	-	-	-	3,250	4,463	-	-	-	-	4,463
KENTUCKY	579	1,577	-	-	-	-	1,577	1,758	-	-	-	-	1,758
LOUISIANA	653	1,079	-	-	-	-	1,079	1,579	-	-	-	-	1,579
MAINE	313	736	-	-	-	-	736	1,088	-	-	-	-	1,088
MARYLAND	169	499	-	-	-	-	499	1,130	13	-	-	-	1,143
MASSACHUSETTS	170	231	-	12	-	1	244	539	-	229	1	-	769
MICHIGAN	765	2,962	-	-	-	-	2,962	3,873	8	-	1	-	3,882
MINNESOTA	688	3,355	4	1	-	-	3,360	5,323	1	-	-	-	5,324
MISSISSIPPI	560	1,579	-	-	-	-	1,579	3,841	13	-	6	279	4,139
MISSOURI	841	2,768	-	-	-	-	2,768	3,706	-	-	-	-	3,706
MONTANA	1,144	2,102	-	-	-	-	2,102	3,260	-	-	-	51	3,311
NEBRASKA	444	2,718	-	-	-	-	2,718	4,212	-	-	1	-	4,213
NEVADA	499	609	-	-	-	2	611	1,177	-	-	-	-	1,177
NEW HAMPSHIRE	181	318	-	-	-	-	319	664	-	-	-	-	664
NEW JERSEY	126	279	-	-	1	-	279	616	46	-	1	-	663
NEW MEXICO	906	1,217	-	-	-	-	1,217	2,141	5	-	-	-	2,146
NEW YORK	855	1,759	24	-	6	-	1,789	4,510	97	6	13	-	4,626
NORTH CAROLINA	620	2,059	-	-	-	-	2,059	1,777	-	-	-	274	2,051
NORTH DAKOTA	530	1,207	-	-	-	-	1,207	4,197	-	-	-	-	4,197
OHIO	847	1,672	-	-	-	-	1,672	3,308	-	-	1	-	3,309
OKLAHOMA	723	1,879	-	-	-	-	1,879	3,220	-	-	-	-	3,220
OREGON	595	2,271	-	-	-	-	2,271	2,409	155	-	1	-	2,565
PENNSYLVANIA	1,155	1,786	-	1	-	-	1,787	5,957	-	15	-	-	5,972
RHODE ISLAND	21	74	-	-	-	-	74	84	-	8	-	-	92
SOUTH CAROLINA	673	1,517	-	-	-	-	1,517	3,440	-	-	-	-	3,440
SOUTH DAKOTA	631	2,311	-	-	-	6	2,317	3,348	-	-	-	39	3,387
TENNESSEE	781	1,051	-	-	-	-	1,051	4,163	-	-	-	-	4,163
TEXAS	2,278	7,903	-	-	1	-	7,904	6,918	1	-	-	-	6,919
UTAH	778	671	-	-	-	11	682	1,840	-	-	-	23	1,863
VERMONT	286	282	-	-	7	-	289	726	-	-	22	-	748
VIRGINIA	771	1,507	-	-	-	2	1,509	3,231	3	-	-	308	3,542
WASHINGTON	519	1,796	-	-	-	-	1,796	2,577	-	-	-	-	2,577
WEST VIRGINIA 3/	429	515	3	-	-	-	518	1,717	-	-	-	-	1,717
WISCONSIN	516	3,249	22	-	-	-	3,271	4,969	102	1	3	-	5,075
WYOMING	864	1,023	-	-	-	-	1,023	1,785	-	-	-	309	2,094
TOTAL	33,378	80,691	97	14	17	132	80,951	144,692	766	269	78	1,522	147,327
PERCENT/SYSTEM	100.0	99.6	0.2	0.0	0.0	0.2	100.0	98.2	0.5	0.2	0.1	1.0	100.0

JURISDICTION - RURAL - 1989

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-50
 SHEET 2 OF 4
 SEPTEMBER 1990

STATE	MAJOR COLLECTOR						MINOR COLLECTOR					LOCAL						
	UNDER STATE CONTROL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL	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/				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/		
ALABAMA	2,741	8,406	-	409	-	11,556	48	6,778	-	166	-	6,992	175	43,158	-	4,394	895	48,622
ALASKA	1,856	-	-	-	-	1,856	910	-	-	-	-	910	5,702	-	-	-	-	5,702
ARIZONA	1,201	1,982	-	3	477	3,663	256	484	-	22	2,373	3,135	-	22,005	-	1,099	9,715	32,819
ARKANSAS	8,999	3,299	-	75	43	12,416	236	6,075	-	126	129	6,566	209	39,725	-	3,692	1,343	44,969
CALIFORNIA	1,023	11,376	-	253	264	12,916	128	9,437	-	201	121	9,887	3,047	35,100	-	2,420	17,258	57,825
COLORADO	3,532	3,101	-	91	571	7,295	228	9,787	-	393	1,624	12,032	88	35,562	1	1,837	4,671	42,159
CONNECTICUT	913	-	47	-	-	960	296	-	840	-	-	1,136	192	-	5,946	-	4	6,142
DELAWARE	603	-	-	1	2	606	153	-	-	1	-	154	2,507	-	-	226	-	2,733
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	576	4,020	-	78	-	4,674	12	5,085	-	98	-	5,195	-	42,358	-	-	-	42,358
GEORGIA	6,025	7,830	-	28	138	14,021	27	7,173	-	14	62	7,276	133	52,082	-	3,755	643	56,593
HAWAII	379	79	-	-	-	458	9	104	-	-	-	113	70	1,584	-	-	35	1,689
IDAHO	1,497	1,968	-	1,331	100	4,896	16	1,599	-	1,285	995	3,895	155	10,326	-	10,743	25,707	46,931
ILLINOIS	2,765	10,415	850	236	9	14,275	106	2,132	1,288	38	16	3,580	1,032	2,481	66,452	6,702	266	76,333
INDIANA	4,548	5,027	115	17	-	9,707	28	10,181	112	27	-	10,348	88	45,977	2,228	532	-	48,825
IOWA	391	12,606	-	538	-	13,535	1	16,124	-	271	-	16,396	284	59,933	-	4,802	116	65,135
KANSAS	1,647	21,028	-	5	-	22,680	7	9,315	-	-	-	9,322	6	81,097	-	2,639	-	83,742
KENTUCKY	7,312	3	-	-	37	7,352	9,194	44	-	-	-	9,272	5,137	34,630	-	1,556	237	41,560
LOUISIANA	7,336	-	-	-	17	7,353	-	-	-	1	33	4,305	-	28,422	-	2,316	570	31,308
MAINE	3,247	-	30	1	-	3,278	1,596	-	607	43	9	2,255	789	-	10,569	596	157	12,111
MARYLAND	1,362	527	-	17	-	1,906	378	1,486	-	29	-	1,893	399	9,520	-	502	302	10,723
MASSACHUSETTS	384	-	1,615	-	8	2,007	46	-	1,904	-	1	1,951	390	-	7,592	1	77	8,060
MICHIGAN	689	16,034	-	442	-	17,165	-	7,063	-	469	-	7,532	12	56,856	-	2,394	-	59,262
MINNESOTA	1,531	14,853	108	18	126	16,636	31	11,290	420	35	94	11,870	1,246	52,744	4,837	1,416	77,580	
MISSISSIPPI	3,520	8,012	2	180	-	11,714	53	2,835	1	36	1	2,926	135	41,485	-	2,400	50	44,070
MISSOURI	18,100	-	-	-	-	18,100	5,430	-	-	-	-	5,430	-	51,351	16,063	5,408	563	73,385
MONTANA	334	5,925	-	5	404	6,668	244	7,457	-	20	1,664	9,385	961	32,276	-	1,068	12,177	46,482
NEBRASKA	2,244	9,018	-	164	23	11,449	-	8,739	383	63	50	9,235	348	42,684	13,391	2,974	53	59,450
NEVADA	2,086	195	-	2	47	2,330	354	1,969	-	27	80	2,450	197	20,531	-	437	13,548	34,713
NEW HAMPSHIRE	1,227	-	-	7	-	1,235	869	-	251	100	6	1,226	468	6,082	2,082	130	8,762	
NEW JERSEY	92	1,533	77	66	-	1,770	8	895	318	20	-	1,241	997	3,852	2,360	21	7,712	
NEW MEXICO	4,485	-	-	-	-	4,485	2,460	-	-	-	-	2,460	482	38,153	-	-	-	36,153
NEW YORK	4,181	1,826	231	59	-	6,297	614	8,673	1,333	174	-	10,794	357	6,702	39,797	2,046	-	48,902
NORTH CAROLINA	10,474	-	-	1	5	10,480	9,057	-	-	1	-	9,058	45,971	-	3,459	1,467	-	50,897
NORTH DAKOTA	1,199	9,148	365	226	179	11,107	-	7,344	62	86	-	7,492	47	57,693	1,960	346	60,046	
OHIO	8,468	2,953	110	169	-	11,700	1,245	5,443	341	159	-	7,188	1,030	18,929	2,792	29	57,410	
OKLAHOMA	5,904	14,939	-	571	-	21,414	-	3,084	-	25	-	3,089	233	68,933	-	-	87	69,263
OREGON	1,676	6,843	-	93	1,034	9,646	194	3,658	-	30	3,430	7,312	3,145	21,549	-	1,473	37,769	63,936
PENNSYLVANIA	7,806	21	158	16	-	8,001	8,344	-	48	10	-	8,402	12,549	-	49,589	992	63,130	
RHODE ISLAND	134	-	67	-	-	201	40	-	113	-	-	153	-	-	943	-	943	
SOUTH CAROLINA	8,385	145	-	1	-	8,531	3,822	180	-	3	-	4,005	17,531	17,871	-	533	598	36,533
SOUTH DAKOTA	1,387	9,197	328	59	490	11,461	13	6,073	650	6	115	6,857	59	15,819	28,280	1,698	1,313	46,969
TENNESSEE	6,457	-	-	-	-	5,457	31	10,454	-	312	2	10,799	975	41,683	-	3,352	593	46,603
TEXAS	36,770	1,083	-	28	24	37,905	14,452	4,026	-	48	8	18,534	293	128,078	-	14,203	930	143,504
UTAH	1,683	1,143	-	56	154	3,036	127	3,530	-	169	451	4,277	14	15,441	-	1,920	9,419	26,794
VERMONT	1,141	-	744	28	-	1,913	19	-	896	71	-	986	209	-	8,419	2	71	8,701
VIRGINIA	10,126	46	-	38	-	10,210	2,400	-	-	-	-	2,400	31,557	392	-	342	1,505	33,796
WASHINGTON	1,086	6,104	159	-	-	7,349	-	6,426	107	-	144	6,677	11,277	23,072	1,808	-	9,936	46,093
WEST VIRGINIA 3/	6,353	-	-	3	-	6,356	2,156	1	-	-	-	2,157	18,278	-	-	611	1,359	20,248
WISCONSIN	1,797	10,934	847	100	-	13,678	20	4,229	1,962	243	-	6,454	617	4,233	56,971	3,760	872	66,453
WYOMING	2,134	310	-	8	28	2,480	299	6,037	-	349	737	7,422	283	7,485	14	13,075	2,884	23,741
TOTAL	208,806	211,929	5,844	5,425	4,180	436,184	70,262	187,866	18,918	5,147	12,231	294,424	168,877	1,215,597	413,475	172,587	160,124	2,130,460
PERCENT/SYSTEM	47.8	48.5	1.4	1.3	1.0	100.0	23.8	63.7	6.5	1.8	4.2	100.0	7.9	57.0	19.5	8.1	7.5	100.0

JURISDICTION - URBAN - 1989

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-50
 SHEET 3 OF 4
 SEPTEMBER 1990

STATE	INTERSTATE		OTHER FREEWAYS AND EXPRESSWAYS					OTHER PRINCIPAL 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	242	-	-	-	-	-	970	1	-	48	-	1,019	
ALASKA	50	-	-	-	-	-	97	-	-	8	-	105	
ARIZONA	127	26	-	-	3	-	128	41	-	774	3	946	
ARKANSAS	123	103	-	-	-	-	578	2	-	54	-	634	
CALIFORNIA	987	1,187	61	-	15	-	1,263	764	-	4,092	1	5,934	
COLORADO	148	140	8	-	4	-	533	94	-	338	-	965	
CONNECTICUT	233	191	-	-	-	-	629	-	81	-	-	710	
DELAWARE	41	1	-	-	-	-	135	-	-	-	-	135	
DIST. OF COL.	12	18	-	-	-	6	24	-	-	-	-	99	
FLORIDA	414	251	-	-	-	-	1,906	10	-	25	-	1,941	
GEORGIA	372	135	6	-	2	-	1,344	74	-	38	1	1,457	
HAWAII	34	57	-	-	-	-	57	24	-	-	-	93	
IDAHO	76	-	-	-	-	-	129	-	13	44	-	186	
ILLINOIS	524	73	1	18	2	-	1,949	3	-	57	-	2,009	
INDIANA	266	99	7	-	7	-	1,009	81	3	245	-	1,338	
IOWA	137	-	-	-	-	-	656	16	-	245	-	917	
KANSAS	159	75	-	-	14	-	89	-	-	248	-	572	
KENTUCKY	184	87	-	-	-	-	87	-	-	10	-	489	
LOUISIANA	187	25	-	-	1	-	26	50	-	64	-	998	
MAINE	53	19	-	-	-	-	19	-	-	1	-	217	
MARYLAND	224	166	-	-	6	24	196	71	-	210	6	888	
MASSACHUSETTS	394	275	-	-	-	-	275	-	-	1,134	-	1,845	
MICHIGAN	455	200	-	-	-	-	200	632	-	320	-	2,059	
MINNESOTA	217	134	-	-	-	-	134	26	-	27	-	581	
MISSISSIPPI	124	32	-	-	-	-	32	5	-	165	10	608	
MISSOURI	336	246	-	-	11	-	257	65	-	327	-	1,037	
MONTANA	47	-	-	-	-	-	101	12	-	58	-	171	
NEBRASKA	37	9	-	-	1	-	10	272	8	95	-	375	
NEVADA	46	36	-	-	-	-	36	116	27	27	2	172	
NEW HAMPSHIRE	44	34	-	-	-	-	34	104	-	84	-	188	
NEW JERSEY	272	270	-	-	1	-	271	878	393	67	-	1,338	
NEW MEXICO	94	-	-	-	-	-	-	318	11	125	-	454	
NEW YORK	645	624	41	-	77	-	742	1,369	185	7	836	2,397	
NORTH CAROLINA	226	210	-	-	-	-	210	1,675	-	50	4	1,729	
NORTH DAKOTA	40	-	-	-	-	-	-	148	-	7	-	155	
OHIO	719	354	4	-	6	-	364	1,691	71	388	-	2,150	
OKLAHOMA	207	184	-	-	3	-	187	426	43	314	-	783	
OREGON	132	50	2	-	3	-	55	413	27	118	-	558	
PENNSYLVANIA	414	380	-	1	1	-	382	2,578	17	40	-	2,815	
RHODE ISLAND	49	60	-	4	-	-	64	251	-	97	-	348	
SOUTH CAROLINA	117	34	-	-	-	-	34	683	2	2	-	687	
SOUTH DAKOTA	46	2	-	-	1	-	3	126	5	40	-	171	
TENNESSEE	281	-	-	-	-	-	-	1,250	3	65	-	1,318	
TEXAS	950	795	6	-	6	-	807	2,897	16	961	-	3,874	
UTAH	146	13	-	-	-	-	13	226	7	14	-	247	
VERMONT	35	9	-	-	6	-	15	63	-	43	-	109	
VIRGINIA	298	149	-	-	-	29	178	901	23	15	67	1,006	
WASHINGTON	243	197	-	-	-	-	197	432	254	61	-	1,261	
WEST VIRGINIA 3/	90	74	-	-	1	-	75	213	-	1	-	214	
WISCONSIN	124	165	-	-	1	-	166	885	61	80	-	1,026	
WYOMING	50	3	-	-	-	-	3	146	2	13	-	161	
TOTAL	11,471	7,192	136	23	172	59	7,582	35,393	3,126	305	94	51,489	
PERCENT/SYSTEM	100.0	94.8	1.8	0.3	2.3	0.8	0.0	68.7	6.1	0.6	24.4	100.0	

JURISDICTION - URBAN - 1989

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-50
 SHEET 4 OF 4
 SEPTEMBER 1990

STATE	MINOR ARTERIAL					COLLECTOR					LOCAL								
	UNDER STATE CONTROL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL	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/				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/			
ALABAMA	340	4	-	1,267	-	1,611	23	-	1,683	-	1,716	-	-	-	-	-	-	-	12,256
ALASKA	72	-	-	10	-	82	135	-	20	-	155	-	1,418	163	-	12,093	-	1,418	
ARIZONA	176	11	10	811	9	1,017	22	13	1,694	44	1,739	44	-	477	-	9,088	-	9,621	
ARKANSAS	327	71	-	593	-	991	31	77	898	-	1,006	56	-	434	-	4,309	12	4,799	
CALIFORNIA	148	1,531	-	6,609	-	8,288	11	1,432	6,279	1	7,723	3	7,756	-	40,759	7	48,525		
COLORADO	64	286	1	811	-	1,144	4	255	889	-	1,148	1	1,564	-	6,104	-	7,672		
CONNECTICUT	494	-	454	-	-	948	122	-	1,795	-	1,917	20	-	3	-	-	-	6,870	
DELAWARE	129	-	-	3	-	132	162	-	9	-	171	757	-	-	352	-	1,109		
DIST. OF COL.	150	-	-	-	2	152	144	-	-	-	156	659	-	-	-	-	-	659	
FLORIDA	1,515	149	-	752	-	2,416	90	1,047	3,634	-	4,771	-	-	162	-	38,695	-	38,857	
GEORGIA	423	1,182	-	508	-	2,113	17	-	845	-	1,815	20	7,404	-	7,333	8	14,765		
HAWAII	15	102	-	-	-	117	5	176	-	-	181	33	860	-	-	44	937		
IOWA	48	-	206	121	-	375	3	-	140	-	393	-	1	864	501	10	1,376		
ILLINOIS	1,218	909	121	1,288	1	3,537	335	390	257	2,316	-	277	106	2,565	19,497	14	22,459		
INDIANA	166	771	95	1,249	-	2,281	6	790	96	1,061	-	6	3,465	938	7,443	-	11,852		
IOWA	23	175	-	1,090	-	1,288	3	139	905	-	1,047	107	363	-	4,909	5	5,384		
KANSAS	34	-	-	959	-	993	-	-	779	-	779	-	-	-	6,395	-	6,395		
KENTUCKY	793	23	-	171	25	1,012	290	172	426	-	908	155	1,389	-	3,248	141	4,933		
LOUISIANA	495	152	-	456	-	1,104	82	267	788	-	1,137	-	2,484	-	5,308	-	8,782		
MAINE	255	-	3	37	-	296	176	-	216	-	392	50	-	1	1,421	10	1,482		
MARYLAND	268	428	-	226	13	955	73	776	-	318	6	1,173	100	5,754	-	2,796	76	8,726	
MASSACHUSETTS	322	-	-	2,097	-	2,419	48	-	-	2,677	-	126	-	-	12,793	29	12,948		
MICHIGAN	78	1,355	-	2,247	-	3,680	2	1,136	-	1,713	-	-	5,575	-	12,208	-	17,783		
MINNESOTA	264	857	6	390	-	1,617	25	638	15	1,167	-	15	325	144	9,317	-	9,801		
MISSISSIPPI	84	61	-	536	-	681	12	127	1	618	-	54	719	-	4,338	10	5,121		
MISSOURI	277	243	5	1,098	-	1,623	38	262	-	1,180	-	3	1,350	-	9,741	-	11,114		
MONTANA	14	59	-	144	-	211	-	63	-	165	-	-	374	-	1,237	-	1,611		
NEBRASKA	5	67	-	465	-	537	1	53	-	351	-	-	306	-	3,273	-	3,586		
NEVADA	76	82	-	182	-	340	24	137	-	271	-	-	928	-	1,122	-	2,050		
NEW HAMPSHIRE	110	-	2	243	-	355	26	-	22	291	-	10	-	73	1,373	-	1,456		
NEW JERSEY	139	2,084	80	562	-	2,865	14	660	50	1,174	-	46	613	953	14,171	18	15,801		
NEW MEXICO	198	22	-	118	-	338	164	21	117	-	302	-	3,419	-	833	-	4,252		
NEW YORK	933	1,333	478	1,406	-	4,150	90	971	955	1,929	-	389	502	13,292	11,839	-	25,822		
NORTH CAROLINA	1,725	-	-	459	8	2,192	701	-	-	665	2	2,947	-	-	10,184	207	13,356		
NORTH DAKOTA	14	-	53	197	-	264	-	-	26	202	-	3	-	96	1,019	-	1,118		
OHIO	978	495	26	1,290	-	2,789	150	986	204	2,784	-	18	703	4,752	15,694	-	21,167		
OKLAHOMA	157	326	-	1,378	-	1,861	14	112	-	1,078	-	1	-	-	7,846	2	7,849		
OREGON	91	204	-	616	-	911	12	163	-	924	-	78	1,361	-	4,876	35	6,350		
PENNSYLVANIA	2,080	134	127	493	-	2,834	1,324	124	767	970	-	448	-	-	17,752	-	18,200		
RHODE ISLAND	217	-	70	4	-	291	201	-	293	5	-	-	-	3,149	-	-	3,149		
SOUTH CAROLINA	877	6	-	10	-	893	1,042	55	-	62	-	3,283	1,761	-	1,471	-	6,515		
SOUTH DAKOTA	5	25	3	209	-	242	2	8	-	151	-	-	11	-	1,075	-	1,132		
TENNESSEE	472	29	-	462	-	963	60	285	1	1,438	-	28	1,265	46	9,589	-	10,882		
TEXAS	1,663	199	-	3,721	-	5,603	1,580	120	-	5,185	-	28	4,520	-	65,981	-	70,529		
UTAH	227	43	-	159	-	429	43	82	-	351	-	19	866	-	3,344	1	4,230		
VERMONT	42	-	25	62	-	129	-	78	-	100	-	1	-	-	694	9	704		
VIRGINIA	953	86	-	583	7	1,629	507	110	-	786	-	3,326	756	-	6,350	108	10,540		
WASHINGTON	125	769	136	677	-	1,707	-	761	237	780	-	63	4,355	1,062	5,750	12	11,242		
WEST VIRGINIA 3/	270	-	-	58	-	328	191	-	-	209	-	414	-	-	1,531	-	1,945		
WISCONSIN	154	517	71	1,163	-	1,905	4	112	137	1,175	-	12	35	1,189	8,481	-	9,717		
WYOMING	49	39	-	120	-	206	19	65	-	235	-	11	42	-	1,121	2	1,176		
TOTAL	19,788	14,811	1,972	38,110	65	74,746	8,028	13,545	5,200	51,653	48	78,474	15,029	62,178	35,994	416,054	760	530,015	
PERCENT/SYSTEM	26.5	19.8	2.7	50.9	0.1	100.0	10.2	17.3	6.7	65.7	0.1	100.0	2.9	11.8	6.8	78.4	0.1	100.0	

1/ INCLUDES MILEAGE OF TOLL AND OTHER ROADS THAT ARE NOT A PART OF THE STATE HIGHWAY SYSTEM, AND MILEAGE NOT IDENTIFIED BY ADMINISTRATIVE AUTHORITY. THIS COLUMN CONTAINS MAINLY MUNICIPAL MILEAGE FOR URBAN SUMMARIES.

2/ MILEAGE IN FEDERAL PARKS, FORESTS, AND RESERVATIONS THAT ARE NOT A PART OF THE STATE AND LOCAL HIGHWAY SYSTEMS.

3/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

Roadway Extent, Characteristics, and Performance

TYPE OF SURFACE - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-51
 SHEET 1 OF 4
 SEPTEMBER 1990

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL						MINOR ARTERIAL					
	PAVED 3/				PAVED 3/						PAVED 3/					
	HIGH TYPE			TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL
	FLEXIBLE 2/	COMPOS-ITE	RIGID				FLEXIBLE	COMPOS-ITE	RIGID				FLEXIBLE	COMPOS-ITE	RIGID	
ALABAMA	450	23	157	640	-	16	1,948	28	-	1,992	-	44	3,779	66	-	3,889
ALASKA	1,039	-	-	1,039	-	53	-	-	-	53	-	831	-	-	-	902
ARIZONA	1,039	-	-	1,039	-	481	556	-	-	1,037	144	1,279	792	11	-	2,226
ARKANSAS	95	-	324	419	-	6	1,784	54	86	1,930	51	96	2,931	88	-	3,166
CALIFORNIA	514	61	841	1,416	-	19	2,323	216	380	2,938	-	416	5,926	223	31	6,596
COLORADO	495	20	276	791	-	-	1,886	7	10	1,903	-	-	1,947	-	5	1,952
CONNECTICUT	68	6	35	109	-	38	88	82	18	226	58	-	354	46	14	472
DELAWARE	-	-	-	-	-	-	2	107	44	153	-	5	11	151	15	182
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	718	-	264	982	59	-	2,526	15	1	2,601	-	91	3,351	45	8	3,495
GEORGIA	136	199	538	873	-	1	2,695	-	10	2,706	-	212	5,398	-	-	5,876
HAWAII	-	-	5	5	-	-	13	-	-	13	-	-	385	-	-	385
IDAHO	410	-	120	530	50	68	1,484	-	31	1,633	148	138	715	25	-	1,026
ILLINOIS	-	738	679	1,417	-	-	-	33	192	225	-	-	130	6,527	870	7,527
INDIANA	87	602	162	851	-	-	216	698	169	1,083	-	829	2,012	59	427	3,127
IOWA	63	147	435	645	-	-	310	1,449	1,384	3,143	-	-	2,338	1,377	1,209	4,924
KANSAS	438	161	113	712	-	119	2,317	491	323	3,250	-	2,018	2,033	343	69	4,463
KENTUCKY	169	201	209	579	-	5	940	315	317	1,577	-	113	1,238	346	61	1,758
LOUISIANA	132	-	521	653	-	-	808	184	87	1,079	-	-	1,111	311	157	1,579
MAINE	301	-	12	313	30	185	520	-	1	736	221	229	625	13	-	1,088
MARYLAND	157	3	9	169	-	-	488	1	10	499	-	-	1,139	-	4	1,143
MASSACHUSETTS	165	1	4	170	-	-	240	-	4	244	3	200	561	-	5	769
MICHIGAN	149	93	523	765	-	746	115	1,222	279	2,362	-	2,562	10	1,031	279	3,882
MINNESOTA	95	9	584	688	-	928	1,026	907	499	3,360	93	675	4,077	18	461	5,324
MISSISSIPPI	213	81	266	560	-	-	710	710	159	1,579	-	809	3,293	7	30	4,139
MISSOURI	-	487	354	841	-	135	1,067	780	786	2,768	231	1,673	975	540	287	3,706
MONTANA	1,027	-	117	1,144	85	117	1,897	-	3	2,102	206	379	2,726	-	-	3,311
NEBRASKA	29	28	387	444	-	84	1,927	59	648	2,718	-	394	3,004	414	401	4,213
NEVADA	417	-	82	499	-	-	611	-	-	611	-	-	1,177	-	-	1,177
NEW HAMPSHIRE	181	-	-	181	24	10	263	22	-	319	138	69	453	4	-	664
NEW JERSEY	86	5	33	126	-	-	202	70	7	279	-	9	336	37	281	663
NEW MEXICO	779	78	49	906	15	-	1,193	-	9	1,217	144	670	1,332	-	-	2,146
NEW YORK	251	376	228	855	-	-	453	887	449	1,789	-	90	2,112	2,177	247	4,626
NORTH CAROLINA	221	11	388	620	3	-	1,963	-	93	2,059	3	-	2,022	23	3	2,051
NORTH DAKOTA	20	31	479	530	-	11	1,142	13	41	1,207	34	258	3,905	-	-	4,197
OHIO	69	677	101	847	-	-	825	632	215	1,672	-	-	2,043	1,127	139	3,309
OKLAHOMA	410	39	274	723	132	-	1,080	242	425	1,879	452	-	2,267	343	158	3,220
OREGON	401	19	175	595	-	75	2,177	4	15	2,271	-	163	2,361	-	41	2,565
PENNSYLVANIA	65	439	651	1,155	-	51	293	796	647	1,787	-	626	2,206	2,617	523	5,972
RHODE ISLAND	-	21	-	21	9	29	36	-	-	74	13	38	25	-	16	92
SOUTH CAROLINA	413	-	260	673	-	441	628	448	-	1,517	-	1,739	1,688	-	13	3,440
SOUTH DAKOTA	47	2	582	631	-	-	1,786	10	521	2,317	242	208	2,721	12	204	3,387
TENNESSEE	724	48	9	781	-	-	845	202	4	1,051	3	-	4,069	91	-	4,163
TEXAS	1,458	319	501	2,278	16	18	6,277	1,240	353	7,904	235	354	6,087	238	5	6,919
UTAH	694	-	84	778	-	-	682	-	-	682	-	-	1,863	-	-	1,863
VERMONT	286	-	-	286	-	-	287	-	2	289	16	13	719	-	-	748
VIRGINIA	575	66	130	771	-	-	1,357	78	74	1,509	5	38	3,389	110	-	3,542
WASHINGTON	389	-	130	519	-	-	1,722	-	74	1,796	-	-	2,510	-	67	2,577
WEST VIRGINIA 5/	-	112	317	429	-	-	323	8	187	518	-	-	1,663	-	54	1,717
WISCONSIN	12	148	356	516	3	-	1,528	828	915	3,271	-	528	3,390	616	541	5,075
WYOMING	743	1	120	864	-	-	1,920	-	-	1,920	40	42	2,012	-	-	2,094
TOTAL	16,242	5,252	11,884	33,378	426	3,636	54,579	12,838	9,472	80,951	2,817	17,638	101,211	19,036	6,625	147,327
PERCENT/SYSTEM	48.7	15.7	35.6	100.0	0.5	4.5	67.3	15.9	11.8	100.0	1.9	12.0	68.6	13.0	4.5	100.0

TYPE OF SURFACE - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-51
 SHEET 2 OF 4
 SEPTEMBER 1990

STATE	MAJOR COLLECTOR								MINOR COLLECTOR									
	UNPAVED 6/	PAVED 3/						TOTAL	TOTAL	UNPAVED 6/	PAVED 3/						TOTAL	TOTAL
		LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE			TOTAL				LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE			TOTAL		
			FLEXIBLE	COMPOSITE	RIGID						FLEXIBLE	COMPOSITE	RIGID					
ALABAMA	257	3,758	2,792	4,749	-	-	11,299	11,556	280	3,262	2,032	1,355	-	63	6,712	6,992		
ALASKA	1,020	13	823	-	-	-	836	1,856	552	17	341	-	-	-	358	910		
ARIZONA	670	723	1,205	1,065	-	-	2,993	3,663	1,474	534	1,079	48	-	1,661	3,135			
ARKANSAS	1,272	3,417	870	6,190	667	-	11,144	12,416	4,103	1,770	324	369	-	2,463	6,566			
CALIFORNIA	768	378	3,724	7,730	207	109	12,148	12,916	1,250	596	4,070	3,966	5	-	8,637	9,887		
COLORADO	737	-	-	6,558	-	-	6,558	7,295	7,786	-	39	4,160	-	47	4,246	12,032		
CONNECTICUT	-	510	-	351	85	14	960	960	5	492	286	346	7	-	1,131	1,136		
DELAWARE	-	62	132	29	376	7	606	606	-	42	27	25	60	-	154	154		
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA	99	1,210	54	3,273	-	38	4,575	4,674	322	1,099	223	3,551	-	-	4,873	5,195		
GEORGIA	354	3,484	2,927	7,234	-	22	13,667	14,021	1,365	2,259	1,544	2,108	-	-	5,911	7,276		
HAWAII	-	18	22	418	-	-	458	458	-	20	93	-	-	113	113			
IDAHO	1,133	1,059	1,012	1,692	-	-	3,763	4,896	2,358	862	464	211	-	-	1,537	3,895		
ILLINOIS	819	2,685	328	7,009	2,159	1,275	13,456	14,275	831	1,794	81	664	202	8	2,749	3,580		
INDIANA	-	24	5,379	4,068	218	18	9,707	9,707	1,187	794	7,846	495	-	26	9,161	10,348		
IOWA	1,393	308	26	6,041	922	4,845	12,142	13,535	12,083	373	75	2,350	310	1,205	4,313	16,396		
KANSAS	11,871	2,127	7,732	815	105	30	10,809	22,680	8,539	168	505	50	-	60	783	9,322		
KENTUCKY	-	86	1,778	4,756	732	-	7,352	7,352	28	346	6,166	2,723	9	-	9,244	9,272		
LOUISIANA	-	-	994	5,919	371	69	7,353	7,353	238	-	2,131	1,903	27	6	4,067	4,305		
MAINE	-	2,194	494	590	-	-	3,278	3,278	81	1,985	42	146	-	1	2,174	2,255		
MARYLAND	-	26	159	1,712	-	9	1,906	1,906	30	374	348	1,126	-	15	1,863	1,893		
MASSACHUSETTS	37	44	795	1,131	-	-	1,970	2,007	259	48	768	876	-	-	1,692	1,951		
MICHIGAN	1,911	2,050	5,593	6,477	815	319	15,254	17,165	1,569	698	2,023	3,165	38	99	5,963	7,532		
MINNESOTA	1,621	-	8,782	5,614	-	619	15,015	16,636	4,616	-	8,601	451	2	-	7,254	11,870		
MISSISSIPPI	727	3,105	5,514	2,202	144	22	10,987	11,714	677	323	1,570	366	-	-	2,249	2,926		
MISSOURI	-	7,183	8,802	1,361	609	145	18,100	18,100	-	4,053	1,359	10	8	-	5,430	5,430		
MONTANA	2,849	292	1,089	2,438	-	-	3,819	6,668	8,660	60	601	64	-	-	725	9,385		
NEBRASKA	4,579	125	3,099	3,272	36	338	6,870	11,449	8,265	76	737	140	4	13	970	9,235		
NEVADA	51	-	255	2,024	-	-	2,279	2,330	1,254	-	345	851	-	-	1,196	2,450		
NEW HAMPSHIRE	-	576	53	580	9	17	1,235	1,235	2	1,105	3	111	-	5	1,224	1,226		
NEW JERSEY	-	74	1,896	-	-	-	1,770	1,770	1	2	207	1,017	-	14	1,240	1,241		
NEW MEXICO	308	1,004	1,684	1,489	-	-	4,177	4,485	229	1,266	837	126	-	-	2,231	2,460		
NEW YORK	-	-	629	3,687	1,803	178	6,297	6,297	66	1,031	5,489	3,409	799	-	10,728	10,794		
NORTH CAROLINA	-	484	-	9,749	13	234	10,480	10,480	-	2,351	-	6,657	-	40	9,058	9,058		
NORTH DAKOTA	4,645	1,392	1,207	3,808	-	55	6,462	11,107	7,096	135	197	64	-	-	396	7,492		
OHIO	-	73	80	8,447	3,086	14	11,700	11,700	696	117	1,016	4,769	590	-	6,492	7,188		
OKLAHOMA	5,438	9,800	-	4,652	1,315	209	15,976	21,414	2,386	696	-	-	-	7	703	3,089		
OREGON	669	238	3,277	5,462	-	-	8,977	9,646	3,458	294	1,713	1,847	-	-	3,864	7,312		
PENNSYLVANIA	420	-	2,323	3,755	1,416	87	7,581	8,001	30	-	4,105	4,020	211	36	8,372	8,402		
RHODE ISLAND	-	49	116	23	-	13	201	201	-	77	70	6	-	-	153	153		
SOUTH CAROLINA	-	-	7,173	1,358	-	-	8,531	8,531	93	-	3,910	2	-	-	3,912	4,005		
SOUTH DAKOTA	4,416	4,402	921	1,344	106	272	7,045	11,461	5,954	490	184	13	-	216	903	6,857		
TENNESSEE	-	1,665	45	3,747	-	-	5,457	5,457	649	4,110	1,367	4,673	10	-	10,150	10,799		
TEXAS	-	1,382	2,213	33,242	860	208	37,905	37,905	83	1,315	1,584	15,468	49	55	18,471	18,534		
UTAH	424	-	651	1,960	-	1	2,612	3,036	2,946	-	1,019	312	-	-	1,331	4,277		
VERMONT	66	262	-	1,582	-	3	1,847	1,913	393	287	261	45	-	-	593	986		
VIRGINIA	-	3,866	1,174	5,104	60	6	10,210	10,210	-	1,765	208	427	-	-	2,400	2,400		
WASHINGTON	484	380	3,121	3,116	86	162	6,865	7,349	1,221	181	3,852	1,366	-	57	5,456	6,677		
WEST VIRGINIA 5/	-	535	478	5,340	-	3	6,356	6,356	122	761	171	1,032	6	65	2,035	2,157		
WISCONSIN	-	-	3,461	9,347	860	10	13,678	13,678	204	-	1,482	4,435	330	3	6,250	6,454		
WYOMING	81	315	119	1,965	-	-	2,399	2,480	5,938	201	549	734	-	-	1,484	7,422		
TOTAL	49,119	61,304	93,179	206,171	17,060	9,351	387,065	436,184	99,359	38,209	70,061	82,147	2,667	1,981	195,065	294,424		
PERCENT/SYSTEM	11.3	14.1	21.4	47.0	4.0	2.2	88.7	100.0	33.7	13.0	23.8	27.9	0.9	0.7	66.3	100.0		

TYPE OF SURFACE - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-51
SHEET 3 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL							
	PAVED 3/				LOW TYPE	INTER-MEDIATE TYPE	PAVED 3/			TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	PAVED 3/			TOTAL		
	HIGH TYPE			TOTAL			HIGH TYPE						TOTAL	TOTAL	HIGH TYPE			
	FLEXIBLE 2/	COMPOSITE	RIGID				FLEXIBLE	COMPOSITE	RIGID						FLEXIBLE		COMPOSITE	RIGID
ALABAMA	117	8	117	242	-	-	-	-	-	-	16	907	86	10	1,019			
ALASKA	50	-	-	50	-	-	-	-	-	6	99	-	-	-	105			
ARIZONA	61	7	59	127	-	-	3	-	26	7	337	586	-	16	946			
ARKANSAS	11	6	106	123	-	-	40	12	51	13	1	571	30	19	634			
CALIFORNIA	112	140	735	987	-	-	494	167	602	1,263	317	5,149	385	83	5,934			
COLORADO	97	1	50	148	-	1	136	6	9	152	3	885	38	26	965			
CONNECTICUT	48	142	43	233	-	-	44	83	64	191	236	132	322	20	710			
DELAWARE	-	17	24	41	-	-	-	-	1	1	5	16	78	36	135			
DIST. OF COL.	3	9	-	12	-	-	3	17	4	24	-	2	88	9	99			
FLORIDA	259	38	117	414	-	-	236	-	15	251	-	1,757	102	82	1,941			
GEORGIA	117	92	163	372	-	-	121	-	22	143	2	1,437	-	15	1,457			
HAWAII	21	-	13	34	-	-	57	-	-	57	-	93	-	-	93			
IDAHO	46	-	30	76	-	-	-	-	-	-	12	152	3	7	186			
ILLINOIS	2	327	195	524	-	-	1	27	66	94	4	76	1,333	596	2,009			
INDIANA	12	199	55	266	-	-	12	38	63	113	7	402	554	204	1,338			
IOWA	4	20	113	137	-	-	-	-	-	-	-	90	318	502	917			
KANSAS	36	36	87	159	-	-	11	27	51	89	-	57	230	111	174			
KENTUCKY	45	31	108	184	-	-	33	5	49	87	-	6	297	136	489			
LOUISIANA	34	-	153	187	-	-	12	1	13	26	-	3	464	271	998			
MAINE	53	-	-	53	-	-	17	-	2	19	3	178	3	-	217			
MARYLAND	133	24	67	224	-	-	161	-	35	196	-	11	799	30	48			
MASSACHUSETTS	381	9	4	394	-	-	268	7	-	275	5	340	1,494	5	1,845			
MICHIGAN	3	147	305	455	-	-	10	47	143	200	29	185	422	996	2,059			
MINNESOTA	11	59	147	217	-	10	61	14	49	134	-	133	168	124	581			
MISSISSIPPI	24	38	62	124	-	-	25	1	6	32	1	63	428	37	79			
MISSOURI	-	236	100	336	-	-	17	60	180	257	-	25	488	306	220			
MONTANA	26	-	21	47	-	-	-	-	-	-	-	7	155	-	9			
NEBRASKA	3	1	33	37	-	-	-	-	10	10	-	2	109	37	227			
NEVADA	8	-	38	46	-	-	19	-	17	36	-	12	160	-	172			
NEW HAMPSHIRE	44	-	44	88	-	7	27	-	-	34	7	1	155	20	188			
NEW JERSEY	152	7	113	272	-	-	159	-	108	271	-	1	1,099	118	1,338			
NEW MEXICO	65	10	19	94	-	-	-	4	-	-	20	155	259	4	454			
NEW YORK	33	299	313	645	-	-	31	380	331	742	-	1	344	1,855	197			
NORTH CAROLINA	102	4	120	226	-	-	137	8	65	210	3	-	1,691	4	31			
NORTH DAKOTA	2	8	30	40	-	-	-	-	-	-	-	6	95	13	155			
OHIO	22	535	162	719	-	-	38	166	160	364	-	12	1,054	913	171			
OKLAHOMA	110	8	89	207	-	-	61	34	92	187	115	-	393	105	170			
OREGON	43	5	84	132	-	-	53	-	2	55	-	3	512	24	19			
PENNSYLVANIA	35	176	203	414	-	4	15	75	288	382	-	344	894	1,276	2,815			
RHODE ISLAND	3	46	-	49	-	3	52	3	6	64	-	147	197	3	348			
SOUTH CAROLINA	64	-	53	117	-	-	33	-	1	34	-	103	411	171	2			
SOUTH DAKOTA	-	-	46	46	-	-	-	-	3	3	-	9	36	11	105			
TENNESSEE	74	114	93	281	-	-	-	-	-	-	-	-	857	403	58			
TEXAS	300	228	422	950	3	-	319	158	327	807	46	76	2,449	768	535			
UTAH	54	-	92	146	-	-	11	-	2	13	-	8	237	-	2			
VERMONT	35	-	35	70	1	-	14	-	-	15	-	-	107	-	2			
VIRGINIA	103	43	152	298	-	-	125	7	46	178	-	4	784	159	59			
WASHINGTON	117	-	126	243	-	-	168	-	29	197	2	77	981	9	1,261			
WEST VIRGINIA 5/	-	38	52	90	-	-	32	3	40	75	-	-	175	-	39			
WISCONSIN	-	70	54	124	-	-	4	45	117	166	-	-	345	258	423			
WYOMING	14	-	36	50	-	-	-	-	3	3	-	3	145	13	161			
TOTAL	3,089	3,178	5,204	11,471	4	26	3,060	1,395	3,098	7,582	305	3,034	30,865	11,541	5,744			
PERCENT/SYSTEM	26.9	27.7	45.4	100.0	0.1	0.4	40.4	18.4	40.7	0.0	0.6	5.9	59.8	22.5	11.2			

TYPE OF SURFACE - URBAN - 1989

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-51
 SHEET 4 OF 4
 SEPTEMBER 1990

STATE	MINOR ARTERIAL							COLLECTOR									
	UNPAVED 6/	PAVED 3/					TOTAL	TOTAL	UNPAVED 6/	PAVED 3/				TOTAL	TOTAL		
		LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE						LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE					
				FLEXIBLE	COMPOSITE	RIGID						FLEXIBLE	COMPOSITE			RIGID	
ALABAMA	-	59	631	881	28	12	1,611	1,611	-	37	218	766	727	-	5	1,716	1,716
ALASKA	-	1	81	82	-	-	82	82	-	1	117	-	-	-	-	118	155
ARIZONA	6	66	542	394	-	9	1,011	1,017	89	312	1,101	218	-	19	1,650	1,739	
ARKANSAS	28	120	61	690	69	23	963	991	53	321	108	497	5	22	953	1,006	
CALIFORNIA	13	18	1,046	6,879	252	80	8,275	8,288	9	142	1,794	5,460	102	216	7,714	7,723	
COLORADO	28	-	-	1,108	-	8	1,116	1,144	61	-	6	1,075	-	6	1,087	1,148	
CONNECTICUT	-	87	8	582	213	58	948	948	4	297	127	1,452	13	24	1,913	1,917	
DELAWARE	-	2	29	10	62	29	132	132	-	9	81	36	29	16	171	171	
DIST. OF COL.	-	-	-	5	131	16	152	152	-	-	-	12	144	-	156	156	
FLORIDA	-	27	159	2,168	9	53	2,416	2,416	64	127	232	4,346	2	10	4,707	4,771	
GEORGIA	6	73	147	1,860	-	27	2,107	2,113	15	58	252	1,480	-	10	1,800	1,815	
HAWAII	-	-	-	117	-	-	117	117	-	-	-	175	-	6	181	181	
IDAHO	-	13	75	285	-	2	375	375	5	4	65	318	-	1	388	393	
ILLINOIS	47	127	80	936	1,838	509	3,490	3,537	26	484	135	1,112	1,265	276	3,272	3,298	
INDIANA	10	16	1,338	815	19	83	2,271	2,281	29	32	1,426	435	-	31	1,924	1,953	
IOWA	51	19	7	127	588	496	1,237	1,288	135	48	1	142	380	341	912	1,047	
KANSAS	10	-	275	418	132	158	983	993	38	-	308	281	35	116	741	779	
KENTUCKY	-	-	175	583	194	60	1,012	1,012	1	-	279	535	75	18	907	908	
LOUISIANA	-	-	39	671	87	307	1,104	1,104	-	-	151	761	83	142	1,137	1,137	
MAINE	-	81	42	155	2	16	296	296	1	184	22	182	-	3	391	392	
MARYLAND	-	-	8	939	-	8	955	955	-	10	104	1,056	-	3	1,173	1,173	
MASSACHUSETTS	-	-	640	1,779	-	-	2,419	2,419	15	2	891	1,817	-	-	2,710	2,725	
MICHIGAN	36	177	721	2,084	326	336	3,544	3,680	132	203	455	1,752	132	177	2,719	2,851	
MINNESOTA	7	-	933	399	51	127	1,510	1,517	38	11	1,480	266	3	77	1,807	1,845	
MISSISSIPPI	1	73	178	363	35	31	600	681	28	48	297	342	-	43	730	758	
MISSOURI	-	42	509	621	289	162	1,623	1,623	86	202	717	354	81	40	1,394	1,480	
MONTANA	4	-	42	183	1	1	207	211	4	-	46	171	-	7	224	228	
NEBRASKA	10	-	27	281	16	203	527	537	9	-	28	188	6	174	396	406	
NEVADA	-	-	34	305	-	1	340	340	1	-	91	340	-	-	431	432	
NEW HAMPSHIRE	-	80	1	256	5	13	355	355	-	172	2	161	-	4	339	339	
NEW JERSEY	-	-	72	2,598	8	187	2,865	2,865	1	-	277	1,615	-	15	1,907	1,908	
NEW MEXICO	3	20	148	151	3	13	335	338	3	15	175	103	1	5	299	302	
NEW YORK	-	-	188	1,429	2,205	328	4,150	4,150	-	24	1,495	1,432	748	246	3,945	3,945	
NORTH CAROLINA	2	137	-	2,032	18	3	2,190	2,192	9	233	4	1,119	-	-	1,359	1,368	
NORTH DAKOTA	23	15	76	119	4	27	241	264	8	-	104	60	13	22	207	228	
OHIO	1	-	4	2,061	551	172	2,788	2,789	21	8	16	3,672	136	300	4,124	4,124	
OKLAHOMA	51	1,018	-	499	95	198	1,810	1,861	33	841	-	79	2	249	1,171	1,204	
OREGON	2	5	58	812	-	34	909	911	3	5	-	990	-	22	1,096	1,099	
PENNSYLVANIA	11	-	786	1,177	702	148	2,823	2,834	18	-	1,387	1,582	149	39	3,167	3,185	
RHODE ISLAND	-	16	145	123	-	7	291	291	-	108	-	10	-	-	499	499	
SOUTH CAROLINA	3	-	574	312	-	4	890	893	6	-	994	157	-	2	1,153	1,159	
SOUTH DAKOTA	21	117	52	28	3	21	221	242	11	56	42	32	4	17	151	162	
TENNESSEE	-	4	-	927	28	4	963	963	47	9	1,719	7	1	1	1,783	1,783	
TEXAS	7	211	738	3,712	274	661	5,596	5,603	45	666	1,484	157	665	6,840	6,885		
UTAH	1	-	137	283	-	8	428	429	1	-	283	186	-	6	475	476	
VERMONT	2	21	-	103	-	3	127	129	-	58	14	104	-	2	178	178	
VIRGINIA	-	29	14	1,482	70	34	1,629	1,629	108	-	25	1,265	5	-	1,403	1,403	
WASHINGTON	9	12	441	1,108	14	123	1,698	1,707	18	24	687	947	2	100	1,760	1,778	
WEST VIRGINIA 5/	1	3	5	296	-	23	327	328	-	15	9	343	-	33	400	400	
WISCONSIN	-	19	88	1,278	85	435	1,905	1,905	13	18	252	832	104	209	1,415	1,428	
WYOMING	8	1	61	120	2	16	200	208	31	15	96	172	-	5	288	319	
TOTAL	402	2,709	11,425	46,524	8,409	5,277	74,344	74,746	1,093	5,126	18,876	45,978	3,686	3,715	77,381	78,474	
PERCENT/SYSTEM	0.5	3.7	15.3	62.1	11.3	7.1	99.5	100.0	1.4	6.6	24.1	58.4	4.7	4.8	98.6	100.0	

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 2/ INCLUDES A MINOR AMOUNT OF INTERMEDIATE TYPE PAVEMENT IN A 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 (ROAD TYPE F); INTERMEDIATE TYPE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROAD ON A FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7" (ROAD TYPES G-1 AND H-1); 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 (ROAD TYPES G-2, H-2 AND I) - ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS (ROAD TYPES K, L AND M); 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 (ROAD TYPES G-3, G-4, H-3, H-4, I-3 AND I-4); HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS

WEARING SURFACE OF LESS THAN 1" (ROAD TYPES J, J-3 AND J-4).
 4/ INCLUDES UNPAVED MILEAGE IN THE FOLLOWING: RURAL MINOR ARTERIAL -- 71 MILES IN ALASKA AND 36 MILES IN MONTANA; URBAN OTHER PRINCIPAL ARTERIAL -- 7 MILES IN ARIZONA, 6 MILES IN ARKANSAS, 13 MILES IN COLORADO AND 6 MILES IN IOWA.
 5/ 1988 BASE DATA FACITORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).
 6/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL SURFACE AND MAINTAINED TO PERMIT PASSABILITY (ROAD TYPE B); 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 (ROAD TYPE C); AND SOIL, GRAVEL, OR STONE, A GRADED AND DRAINED ROAD WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAG, SHELL, ETC. - SURFACE MAY BE STABILIZED (ROAD TYPES D AND E).

LANE WIDTH - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 1 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL							MINOR 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	-	640	-	640	-	-	71	235	1,681	5	1,992	-	-	871	450	2,528	40	3,889
ALASKA	189	850	-	1,039	-	-	-	1	52	-	53	-	-	157	-	672	73	902
ARIZONA	19	838	182	1,039	-	-	-	-	952	85	1,037	-	-	-	36	2,165	25	2,226
ARKANSAS	-	419	-	419	-	-	83	674	1,173	-	1,930	-	-	1,227	1,002	832	-	3,166
CALIFORNIA	-	1,416	-	1,416	-	-	20	139	2,779	-	2,938	39	95	952	1,056	4,325	135	6,596
COLORADO	-	745	46	791	-	-	27	144	1,624	108	1,903	-	-	54	499	1,385	14	1,952
CONNECTICUT	-	109	-	109	-	-	-	11	215	-	226	-	-	15	55	402	-	472
DELAWARE	-	-	-	-	-	-	-	1	151	1	153	-	-	-	18	163	1	182
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	981	1	982	-	-	81	249	2,145	126	2,601	-	-	486	487	2,496	22	3,495
GEORGIA	-	863	10	873	-	-	2	116	2,314	274	2,706	-	-	271	739	4,414	452	6,876
HAWAII	-	5	-	5	-	-	1	7	5	-	13	13	32	53	218	-	385	
IDAHO	-	530	-	530	-	5	29	80	1,519	-	1,633	-	-	67	118	841	-	1,026
ILLINOIS	-	1,416	1	1,417	-	-	-	7	218	-	225	71	664	229	939	5,190	434	7,527
INDIANA	-	851	-	851	-	-	12	41	993	37	1,083	7	-	352	685	1,863	220	3,127
IOWA	-	594	51	645	4	38	98	173	2,699	131	3,143	1	-	129	1,145	3,057	296	4,924
KANSAS	-	712	-	712	-	19	-	195	3,036	-	3,250	-	-	14	209	4,240	-	4,463
KENTUCKY	-	579	-	579	-	70	-	124	1,287	7	1,577	-	-	441	570	343	15	1,758
LOUISIANA	-	653	-	653	-	-	89	74	1,005	-	1,079	-	-	62	427	1,050	-	1,579
MAINE	-	313	-	313	-	-	32	163	510	31	736	-	14	299	416	345	14	1,088
MARYLAND	-	169	-	169	-	-	5	17	473	4	499	-	-	11	84	281	6	1,143
MASSACHUSETTS	-	170	-	170	1	-	1	6	195	41	244	2	35	15	177	398	142	769
MICHIGAN	-	765	-	765	-	-	36	515	1,811	-	2,362	-	-	276	1,405	2,201	-	3,882
MINNESOTA	-	688	-	688	-	-	177	278	2,726	179	3,360	-	-	141	529	4,486	168	5,324
MISSISSIPPI	-	560	-	560	-	-	-	36	1,543	-	1,579	-	-	465	1,011	2,683	-	4,139
MISSOURI	-	841	-	841	-	-	155	393	2,220	-	2,768	-	-	136	1,565	925	27	3,706
MONTANA	-	1,144	-	1,144	-	-	26	115	1,961	-	2,102	-	-	293	469	2,504	14	3,311
NEBRASKA	-	443	1	444	-	-	28	125	2,320	245	2,718	-	-	5	380	3,084	744	4,213
NEVADA	-	499	-	499	-	-	-	1	610	-	611	-	-	-	-	1,177	-	1,177
NEW HAMPSHIRE	-	181	-	181	-	-	6	2	303	4	319	-	-	27	57	566	12	664
NEW JERSEY	-	126	-	126	-	-	9	2	265	3	279	-	2	321	47	259	29	663
NEW MEXICO	-	906	-	906	-	-	93	56	1,037	31	1,217	-	-	7	301	77	69	2,146
NEW YORK	-	794	61	855	-	3	231	207	1,266	82	1,789	-	91	996	1,850	1,515	174	4,626
NORTH CAROLINA	-	620	-	620	5	8	86	373	1,587	-	2,059	2	263	443	360	983	-	2,051
NORTH DAKOTA	-	530	-	530	-	-	-	41	1,140	26	1,207	-	-	-	91	4,106	-	4,197
OHIO	-	847	-	847	-	3	62	229	1,375	3	1,672	-	244	584	662	1,784	35	3,309
OKLAHOMA	3	720	-	723	-	-	15	44	1,788	32	1,879	-	-	14	702	2,452	52	3,220
OREGON	-	591	4	595	-	-	-	187	2,072	12	2,271	-	-	298	541	1,703	23	2,565
PENNSYLVANIA	-	1,154	1	1,155	-	2	159	525	1,055	46	1,787	148	757	1,378	2,257	1,401	31	5,972
RHODE ISLAND	-	21	-	21	-	-	6	24	32	12	74	-	-	22	15	34	21	92
SOUTH CAROLINA	-	673	-	673	-	-	-	130	1,365	22	1,517	-	27	161	922	2,303	27	3,440
SOUTH DAKOTA	-	631	-	631	-	-	86	114	2,117	-	2,317	-	29	163	104	3,091	-	3,387
TENNESSEE	-	781	-	781	-	32	95	212	711	1	1,051	-	86	767	1,672	1,638	-	4,163
TEXAS	-	2,277	1	2,278	-	2	32	496	5,748	1,626	7,904	-	-	117	536	4,526	1,740	6,919
UTAH	-	778	-	778	-	-	-	-	682	-	682	-	-	-	8	1,855	-	1,863
VERMONT	-	286	-	286	-	4	7	42	216	20	289	-	7	84	433	164	60	748
VIRGINIA	-	760	3	771	-	5	287	114	1,058	45	1,509	38	124	2,383	645	303	49	3,542
WASHINGTON	-	519	-	519	3	-	12	685	1,095	1	1,796	-	-	395	1,399	783	-	2,577
WEST VIRGINIA 2/	-	428	1	429	-	19	61	73	358	7	518	97	499	634	308	179	-	1,717
WISCONSIN	-	516	-	516	-	-	30	450	2,791	-	3,271	-	-	231	1,701	3,143	-	5,075
WYOMING	-	864	-	864	-	-	-	21	1,002	-	1,023	-	-	81	97	1,894	22	2,094
TOTAL	219	32,796	363	33,378	13	210	2,250	7,951	67,280	3,247	80,951	412	4,000	18,052	28,481	91,196	5,186	147,327
PERCENT/SYSTEM	0.6	98.3	1.1	100.0	0.0	0.3	2.8	9.8	83.1	4.0	100.0	0.3	2.7	12.3	19.3	61.9	3.5	100.0

Highway Statistics, 1989

LANE WIDTH - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-53
 SHEET 2 OF 4
 SEPTEMBER 1990

STATE	MAJOR COLLECTOR							MINOR COLLECTOR						
	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	3,664	5,576	1,473	841	2	11,556	241	4,014	2,358	266	86	27	6,992
ALASKA	-	4	114	193	859	686	1,856	65	59	229	96	461	-	910
ARIZONA	60	174	212	233	2,680	304	3,663	336	198	347	386	1,783	85	3,135
ARKANSAS	394	1,560	6,965	2,390	1,107	-	12,416	1,878	1,858	2,231	318	268	23	6,586
CALIFORNIA	58	297	974	2,403	8,268	916	12,916	821	616	1,690	1,521	4,805	434	9,887
COLORADO	64	-	1,544	2,379	3,230	78	7,295	1,275	767	1,988	2,253	5,193	556	12,032
CONNECTICUT	-	31	68	341	518	2	960	147	177	286	225	261	40	1,136
DELAWARE	-	88	177	164	154	23	606	1	87	41	9	16	-	154
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	109	1,125	1,862	670	908	-	4,674	406	1,758	2,193	409	279	150	5,195
GEORGIA	361	1,909	6,146	1,810	3,415	380	14,021	4	816	4,278	1,330	770	78	7,276
HAWAII	88	119	110	37	101	3	458	20	40	39	7	5	2	113
IDAHO	255	379	1,507	315	2,439	1	4,896	693	890	1,107	234	939	32	3,895
ILLINOIS	528	1,689	4,495	4,954	2,314	295	14,275	743	737	1,365	489	197	49	3,580
INDIANA	24	2,174	3,318	955	3,097	139	9,707	2,470	5,124	2,226	484	36	8	10,348
IOWA	-	147	879	8,933	2,623	953	13,535	66	297	1,107	6,084	4,439	4,403	16,396
KANSAS	-	393	3,111	8,773	8,921	1,482	22,680	367	1,607	2,713	2,717	1,841	77	9,322
KENTUCKY	418	3,895	1,928	895	206	-	7,352	3,677	4,545	580	393	16	61	9,272
LOUISIANA	-	94	3,386	1,592	2,281	-	7,353	53	632	3,106	250	264	-	4,305
MAINE	29	874	1,481	609	269	16	3,278	319	739	1,108	30	45	14	2,255
MARYLAND	102	245	688	465	393	13	1,906	271	483	660	240	229	10	1,893
MASSACHUSETTS	112	170	423	605	418	279	2,007	188	484	494	268	319	198	1,951
MICHIGAN	-	829	7,140	5,146	3,614	436	17,165	297	976	2,903	2,575	659	122	7,532
MINNESOTA	-	135	774	4,369	11,223	135	16,636	156	189	608	2,547	7,398	972	11,870
MISSISSIPPI	288	852	7,534	1,162	1,878	-	11,714	459	553	1,744	58	112	-	2,926
MISSOURI	-	1,448	13,277	2,722	640	13	18,100	-	432	4,648	360	-	-	5,430
MONTANA	76	242	502	752	5,058	38	6,668	665	970	3,009	1,925	2,816	-	9,385
NEBRASKA	777	349	1,520	2,946	4,566	1,291	11,449	1,405	1,588	1,477	2,081	2,136	548	9,235
NEVADA	-	-	134	29	2,167	-	2,330	991	123	178	136	1,022	-	2,450
NEW HAMPSHIRE	-	92	355	321	448	16	1,235	130	274	417	274	164	-	1,226
NEW JERSEY	-	9	504	124	786	347	1,770	7	60	367	302	449	56	1,241
NEW MEXICO	9	60	743	192	2,747	734	4,485	3	211	815	199	963	269	2,460
NEW YORK	-	230	2,169	2,459	1,383	56	6,297	708	2,300	4,967	1,867	897	55	10,794
NORTH CAROLINA	143	1,565	4,812	1,227	2,733	-	10,480	533	4,418	2,342	1,411	354	-	9,058
NORTH DAKOTA	-	316	946	1,476	8,083	286	11,107	838	752	2,030	2,195	1,571	106	7,492
OHIO	561	3,682	4,500	1,756	1,188	13	11,700	1,599	3,211	1,749	386	133	110	7,188
OKLAHOMA	994	2,789	4,034	5,166	8,365	66	21,414	317	1,117	696	602	357	-	3,089
OREGON	136	912	3,637	2,307	2,574	80	9,646	2,014	874	1,976	946	1,501	1	7,312
PENNSYLVANIA	1,171	2,029	2,085	1,914	601	201	8,001	3,385	3,377	1,131	333	163	13	8,402
RHODE ISLAND	9	11	60	59	44	18	201	9	34	42	32	36	-	153
SOUTH CAROLINA	46	518	2,349	3,918	1,519	181	8,531	-	515	2,986	436	66	2	4,005
SOUTH DAKOTA	277	768	1,493	2,225	6,824	74	11,461	791	1,881	953	1,607	1,625	-	6,857
TENNESSEE	118	1,512	1,719	1,819	299	-	5,457	1,916	6,082	2,438	210	153	-	10,799
TEXAS	-	2,435	14,465	4,413	15,043	1,549	37,905	58	3,117	11,367	1,626	2,237	129	16,534
UTAH	189	87	167	259	2,334	-	3,036	912	845	806	521	1,112	81	4,277
VERMONT	-	211	588	784	306	24	1,913	279	338	348	21	-	-	986
VIRGINIA	2,843	2,221	3,904	1,145	63	34	10,210	1,196	892	270	30	12	-	2,400
WASHINGTON	85	372	2,364	1,797	2,268	463	7,349	240	770	2,638	1,739	980	310	6,677
WEST VIRGINIA 2/	1,725	2,544	1,035	783	269	-	6,356	1,792	325	34	5	1	-	2,157
WISCONSIN	-	41	3,747	7,849	2,041	-	13,678	87	274	1,407	4,388	298	-	6,454
WYOMING	-	-	337	572	1,571	-	2,480	1,649	1,366	2,007	982	1,260	158	7,422
TOTAL	12,052	45,290	131,858	99,880	135,467	11,637	436,184	36,477	63,792	86,499	47,760	50,717	9,179	294,424
PERCENT/SYSTEM	2.8	10.4	30.2	22.9	31.0	2.7	100.0	12.4	21.7	29.4	16.2	17.2	3.1	100.0

Roadway Extent, Characteristics, and Performance

LANE WIDTH - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 3 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
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	-	242	-	242	-	-	-	-	-	-	-	-	-	91	119	789	20	1,019
ALASKA	-	49	1	50	-	-	-	-	-	-	-	-	-	5	8	87	3	105
ARIZONA	-	117	10	127	-	-	-	-	29	-	29	7	-	43	121	739	36	946
ARKANSAS	-	123	-	123	-	-	-	5	98	-	103	1	24	74	161	360	14	634
CALIFORNIA	44	943	-	987	-	-	2	24	1,228	9	1,263	2	21	218	800	4,692	201	5,934
COLORADO	-	143	5	148	-	-	-	7	140	5	152	-	-	87	137	573	68	965
CONNECTICUT	-	233	-	233	-	-	1	3	186	1	191	-	4	17	89	597	3	710
DELAWARE	-	39	2	41	-	-	-	-	1	-	1	-	-	11	22	74	28	135
DIST. OF COL.	-	12	-	12	-	2	2	2	14	4	24	-	6	43	25	22	3	99
FLORIDA	-	407	7	414	-	-	-	-	251	-	251	-	5	104	162	1,459	211	1,941
GEORGIA	-	351	21	372	-	-	2	1	122	18	143	-	7	126	127	802	395	1,457
HAWAII	2	32	-	34	-	-	2	5	47	3	57	-	5	24	26	33	5	93
IDAHO	-	76	-	76	-	-	-	-	93	1	94	-	6	6	3	161	16	186
ILLINOIS	-	524	-	524	-	-	-	-	111	-	113	-	16	199	259	1,339	198	2,009
INDIANA	-	266	-	266	-	-	1	1	-	-	-	-	11	96	135	833	258	1,338
IOWA	-	111	26	137	-	-	-	-	-	-	-	-	4	8	17	654	223	917
KANSAS	-	159	-	159	-	3	-	2	84	-	89	-	23	17	57	475	-	572
KENTUCKY	-	184	-	184	-	-	4	-	80	3	87	2	5	111	77	280	14	489
LOUISIANA	-	187	-	187	-	1	-	2	23	-	26	-	5	104	133	755	1	998
MAINE	-	53	-	53	-	-	-	-	16	3	19	-	-	14	22	111	70	217
MARYLAND	-	217	7	224	-	-	2	1	185	8	196	9	7	81	171	534	86	888
MASSACHUSETTS	-	392	2	394	-	-	6	8	246	15	275	-	7	141	96	686	915	1,845
MICHIGAN	1	454	-	455	-	-	-	6	194	-	200	-	8	272	519	1,213	47	2,059
MINNESOTA	-	217	-	217	-	-	-	-	134	-	134	-	-	6	27	537	11	581
MISSISSIPPI	-	124	-	124	-	-	-	-	32	-	32	-	-	46	89	450	23	608
MISSOURI	-	336	-	336	-	-	-	8	249	-	257	-	-	147	261	615	14	1,037
MONTANA	-	47	-	47	-	-	-	-	-	-	-	-	-	2	-	166	3	171
NEBRASKA	1	35	1	37	-	-	-	-	8	2	10	-	-	34	23	253	65	375
NEVADA	-	46	-	46	-	-	-	-	36	-	36	-	7	-	2	163	-	172
NEW HAMPSHIRE	-	43	1	44	-	-	-	-	34	-	34	-	-	5	3	146	34	188
NEW JERSEY	2	267	3	272	-	-	-	6	265	-	271	1	-	207	100	728	302	1,338
NEW MEXICO	-	94	-	94	-	-	-	-	-	-	-	-	-	49	28	345	34	454
NEW YORK	-	604	41	645	-	-	33	58	643	8	742	-	24	375	250	1,461	287	2,397
NORTH CAROLINA	-	226	-	226	-	-	1	2	207	-	210	-	13	75	283	1,358	-	1,729
NORTH DAKOTA	-	40	-	40	-	-	-	-	-	-	-	-	-	1	2	150	2	155
OHIO	-	719	-	719	-	-	-	21	338	5	364	3	69	355	338	1,149	236	2,150
OKLAHOMA	-	205	2	207	-	-	-	1	167	19	187	28	12	91	98	355	199	783
OREGON	-	132	-	132	-	-	-	-	54	1	55	-	3	28	59	438	30	558
PENNSYLVANIA	-	414	-	414	-	-	-	18	361	3	382	4	54	508	717	1,288	244	2,815
RHODE ISLAND	-	49	-	49	-	-	-	5	59	-	64	-	-	41	53	157	97	348
SOUTH CAROLINA	5	112	-	117	-	-	-	-	34	-	34	-	1	38	61	535	52	687
SOUTH DAKOTA	-	46	-	46	-	-	-	-	3	-	3	-	-	7	8	154	2	171
TENNESSEE	-	281	-	281	-	-	-	-	-	-	-	-	8	141	291	862	16	1,318
TEXAS	-	950	-	950	-	-	5	11	788	3	807	-	26	140	477	2,841	390	3,874
UTAH	-	146	-	146	-	-	-	-	13	-	13	-	-	2	4	241	-	247
VERMONT	-	35	-	35	-	-	-	1	11	3	15	-	2	9	13	65	17	109
VIRGINIA	1	294	3	298	-	-	5	11	127	35	178	3	2	251	187	411	155	1,006
WASHINGTON	1	242	-	243	-	-	-	5	191	1	197	-	25	102	389	712	33	1,261
WEST VIRGINIA 2/	-	90	-	90	-	-	6	7	61	1	75	2	1	44	38	129	-	214
WISCONSIN	-	124	-	124	-	-	-	-	166	-	166	4	5	53	153	811	-	1,026
WYOMING	-	47	3	50	-	-	-	-	3	-	3	-	-	1	15	119	26	161
TOTAL	57	11,279	135	11,471	-	7	71	221	7,132	151	7,582	80	412	4,650	7,253	34,007	5,087	51,489
PERCENT/SYSTEM	0.5	98.3	1.2	100.0	-	0.1	0.9	2.9	94.1	2.0	100.0	0.2	0.8	9.0	14.1	66.0	9.9	100.0

LANE WIDTH - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-53
SHEET 4 OF 4
SEPTEMBER 1990

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	-	80	644	281	453	153	1,611	26	204	725	212	310	239	1,716
ALASKA	-	-	3	29	50	-	82	4	-	11	16	101	23	155
ARIZONA	-	-	17	105	879	16	1,017	-	12	98	180	1,350	99	1,739
ARKANSAS	24	67	381	202	232	85	991	69	187	347	67	206	130	1,006
CALIFORNIA	18	14	610	606	6,253	787	8,288	107	352	912	562	5,104	686	7,723
COLORADO	-	5	125	185	719	110	1,144	8	40	189	231	528	152	1,148
CONNECTICUT	-	8	75	95	723	47	948	107	236	338	213	800	223	1,917
DELAWARE	9	10	22	13	40	38	132	13	25	57	3	33	40	171
DIST. OF COL.	2	19	56	54	19	2	152	9	28	80	18	18	5	156
FLORIDA	13	11	198	198	1,763	233	2,416	26	253	1,487	640	1,866	499	4,771
GEORGIA	-	78	481	298	747	509	2,113	-	135	442	344	430	464	1,815
HAWAII	-	4	57	19	18	19	117	6	12	77	18	22	46	181
IDAHO	-	2	25	42	278	28	375	1	4	40	22	304	22	393
ILLINOIS	14	109	974	645	1,447	348	3,537	87	246	738	487	1,311	429	3,298
INDIANA	54	214	685	430	635	263	2,281	50	445	740	224	301	193	1,953
IOWA	2	23	34	136	409	684	1,288	5	15	40	98	303	586	1,047
KANSAS	-	138	28	222	605	-	993	-	225	104	159	291	-	779
KENTUCKY	18	155	306	210	254	69	1,012	83	232	261	153	109	70	908
LOUISIANA	1	7	359	137	600	-	1,104	-	170	569	103	278	17	1,137
MAINE	3	10	68	41	107	67	296	2	29	130	56	68	107	392
MARYLAND	7	42	183	141	396	186	955	103	106	327	138	348	151	1,173
MASSACHUSETTS	7	4	240	382	654	1,132	2,419	84	83	693	201	897	767	2,725
MICHIGAN	15	26	744	1,104	1,297	494	3,680	50	107	673	983	726	312	2,851
MINNESOTA	-	-	57	101	1,345	14	1,517	1	2	80	108	1,633	21	1,845
MISSISSIPPI	1	39	229	142	202	68	681	7	90	341	88	168	64	758
MISSOURI	-	52	504	310	586	171	1,623	21	106	462	320	414	157	1,480
MONTANA	-	-	8	16	185	2	211	2	4	8	12	202	-	228
NEBRASKA	14	11	66	84	284	78	537	58	19	70	48	140	70	405
NEVADA	-	1	8	2	329	-	340	-	-	46	-	386	-	432
NEW HAMPSHIRE	4	17	29	70	198	37	355	41	17	63	64	126	28	339
NEW JERSEY	-	30	490	363	1,122	860	2,865	90	50	345	371	282	770	1,908
NEW MEXICO	-	6	74	31	161	66	338	1	1	28	27	156	89	302
NEW YORK	-	32	601	737	2,256	524	4,150	180	437	907	1,055	817	549	3,945
NORTH CAROLINA	19	391	300	231	1,251	-	2,192	49	322	287	108	602	-	1,368
NORTH DAKOTA	3	1	4	15	238	3	264	-	-	14	21	193	-	228
OHIO	31	363	645	414	1,171	165	2,789	260	698	1,296	361	1,153	356	4,124
OKLAHOMA	35	158	404	253	643	368	1,861	10	100	213	176	192	513	1,204
OREGON	-	17	156	245	438	55	911	25	98	239	204	440	93	1,099
PENNSYLVANIA	51	222	889	738	730	204	2,834	281	583	1,134	527	510	150	3,185
RHODE ISLAND	-	-	11	55	93	132	291	16	70	106	75	116	116	499
SOUTH CAROLINA	-	11	178	190	441	73	893	17	88	514	146	292	102	1,159
SOUTH DAKOTA	3	6	8	32	190	3	242	8	1	8	31	113	1	162
TENNESSEE	8	7	132	255	543	18	963	33	154	508	427	585	76	1,783
TEXAS	2	47	945	1,015	3,322	272	5,603	166	384	1,241	965	3,250	879	6,885
UTAH	-	2	4	7	410	6	429	-	4	16	45	411	-	476
VERMONT	1	11	14	52	34	17	129	3	16	70	34	25	30	178
VIRGINIA	25	148	434	331	472	219	1,629	74	295	501	145	203	185	1,403
WASHINGTON	9	83	340	444	681	150	1,707	56	151	539	440	475	117	1,778
WEST VIRGINIA 2/	19	70	81	54	104	-	328	62	129	79	30	100	-	400
WISCONSIN	15	19	195	545	1,131	-	1,905	18	63	464	301	582	-	1,428
WYOMING	-	6	10	29	129	34	208	-	3	48	67	176	25	319
TOTAL	427	2,776	13,131	12,336	37,267	8,809	74,746	2,319	7,031	18,705	11,324	29,444	9,651	78,474
PERCENT/SYSTEM	0.6	3.7	17.6	16.5	49.8	11.8	100.0	3.0	9.0	23.8	14.4	37.5	12.3	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
2/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-55
 SHEET 1 OF 4
 SEPTEMBER 1990

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL						MINOR ARTERIAL							
	DIVIDED HIGHWAYS		OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL
	FULL ACCESS CONTROL					NONE	PARTIAL	FULL	TOTAL				NONE	PARTIAL	FULL	TOTAL		
	4 LANES	> 4 LANES	DEGREE OF ACCESS CONTROL 3/	DEGREE OF ACCESS CONTROL 3/														
ALABAMA	635	5	-	640	1,369	526	3	-	529	94	1,992	3,719	40	-	-	40	130	3,889
ALASKA	-	-	1,039	1,039	50	3	-	-	3	-	53	897	2	-	-	2	3	902
ARIZONA	1,039	-	-	1,039	949	14	18	-	32	56	1,037	2,117	42	9	-	51	58	2,226
ARKANSAS	418	1	-	419	1,674	-	47	80	127	129	1,930	3,162	-	-	-	-	4	3,166
CALIFORNIA	1,139	277	-	1,416	1,786	64	361	544	969	183	2,938	6,929	44	52	41	137	130	6,596
COLORADO	767	24	-	791	1,423	-	221	12	233	247	1,903	1,864	-	35	-	35	53	1,952
CONNECTICUT	81	28	-	109	126	-	-	95	95	5	226	470	-	-	-	-	2	472
DELAWARE	-	-	-	-	33	87	32	-	119	1	153	140	33	9	-	42	-	182
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	974	8	-	982	1,346	1,130	-	65	1,195	60	2,601	3,219	251	-	25	276	-	3,495
GEORGIA	758	115	-	873	2,014	362	67	5	434	258	2,706	5,569	182	-	2	184	123	5,876
HAWAII	-	5	-	5	8	4	-	-	4	1	13	377	3	-	-	3	5	385
IDAHO	504	-	26	530	1,502	2	53	14	69	62	1,633	1,003	4	-	-	4	19	1,026
ILLINOIS	1,378	38	1	1,417	1	-	41	182	223	1	225	7,087	84	273	6	363	77	7,527
INDIANA	812	39	-	851	572	388	115	-	503	8	1,083	2,628	391	55	-	446	53	3,127
IOWA	613	32	-	645	2,816	54	104	92	250	77	3,143	4,857	5	3	-	8	59	4,924
KANSAS	701	11	-	712	2,915	25	129	98	252	83	3,250	4,384	-	28	-	28	51	4,463
KENTUCKY	548	31	-	579	737	70	98	651	819	21	1,577	1,724	2	18	1	21	13	1,758
LOUISIANA	643	10	-	653	844	178	50	-	228	7	1,079	1,351	156	13	1	170	58	1,579
MAINE	306	7	-	313	724	-	-	9	9	3	736	1,061	-	-	-	27	27	1,088
MARYLAND	74	90	5	169	73	156	185	64	405	21	499	1,086	38	5	-	43	14	1,143
MASSACHUSETTS	103	67	-	170	171	-	21	44	65	8	244	735	1	-	-	1	33	769
MICHIGAN	655	110	-	765	1,895	106	-	307	413	54	2,362	3,772	48	-	13	61	49	3,882
MINNESOTA	674	14	-	688	2,678	407	223	6	636	46	3,360	5,299	15	-	-	15	10	5,324
MISSISSIPPI	560	-	-	560	1,047	254	212	37	503	29	1,579	3,995	113	14	17	144	-	4,139
MISSOURI	841	-	-	841	2,084	122	535	9	666	18	2,768	3,673	-	-	24	24	9	3,706
MONTANA	1,144	-	-	1,144	2,039	23	3	-	26	37	2,102	3,304	6	-	-	6	1	3,311
NEBRASKA	444	-	-	444	2,629	46	10	-	56	33	2,718	4,209	1	-	-	1	3	4,213
NEVADA	499	-	-	499	541	1	10	19	30	40	611	1,152	-	-	-	-	25	1,177
NEW HAMPSHIRE	154	22	5	181	275	-	-	15	15	29	319	642	3	-	-	3	19	664
NEW JERSEY	51	72	3	126	139	25	10	78	113	27	279	515	77	26	-	103	45	663
NEW MEXICO	893	13	-	906	951	146	-	-	146	120	1,217	1,946	102	-	-	102	98	2,146
NEW YORK	765	89	1	855	1,111	69	66	434	569	109	1,789	4,290	34	-	29	83	273	4,626
NORTH CAROLINA	609	11	-	620	1,387	245	102	245	592	80	2,059	1,822	124	36	14	174	55	2,051
NORTH DAKOTA	530	-	-	530	856	-	351	-	351	-	1,207	4,197	-	-	-	-	-	4,197
OHIO	799	42	6	847	910	37	541	161	739	23	1,672	3,016	131	47	22	200	93	3,309
OKLAHOMA	723	-	-	723	1,201	217	71	350	638	40	1,879	2,901	237	9	2	248	71	3,220
OREGON	570	25	-	595	1,881	-	23	7	30	360	2,271	2,435	32	-	-	32	98	2,565
PENNSYLVANIA	1,143	9	3	1,155	899	192	32	415	639	249	1,787	5,500	121	55	42	218	254	5,972
RHODE ISLAND	21	-	-	21	46	8	7	-	15	13	74	77	2	-	-	2	13	92
SOUTH CAROLINA	673	-	-	673	993	476	15	15	506	18	1,517	3,080	277	-	-	277	83	3,440
SOUTH DAKOTA	631	-	-	631	2,054	93	117	-	210	53	2,317	3,328	3	4	-	7	52	3,387
TENNESSEE	728	53	-	781	749	182	45	8	235	67	1,051	3,937	123	-	-	123	103	4,163
TEXAS	2,258	20	-	2,278	4,934	1,619	417	125	2,161	809	7,904	6,059	409	3	3	415	445	6,919
UTAH	718	22	38	778	557	21	3	12	36	89	682	1,823	7	-	-	7	33	1,863
VERMONT	286	-	-	286	216	18	28	7	53	20	289	746	2	-	-	2	-	748
VIRGINIA	682	89	-	771	279	905	56	144	1,105	125	1,509	3,330	122	12	-	134	78	3,542
WASHINGTON	407	112	-	519	1,642	14	105	-	119	35	1,796	2,625	6	46	-	52	-	2,577
WEST VIRGINIA 4/	425	4	-	429	331	126	29	2	157	30	518	1,643	62	9	-	71	3	1,717
WISCONSIN	471	45	-	516	2,622	37	129	445	611	38	3,271	4,639	57	11	-	68	368	5,075
WYOMING	864	-	-	864	1,002	3	-	-	3	18	1,023	2,076	9	-	-	9	9	2,094
TOTAL	30,711	1,540	1,127	33,378	59,081	8,452	4,688	4,796	17,936	3,934	80,951	139,710	3,401	772	242	4,415	3,202	147,327
PERCENT/SYSTEM	92.0	4.6	3.4	100.0	72.9	10.5	5.8	5.9	22.2	4.9	100.0	94.8	2.3	0.5	0.2	3.0	2.2	100.0

TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-55
 SHEET 2 OF 4
 SEPTEMBER 1990

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	11,443	108	-	-	108	5	11,556	6,992	-	-	-	-	-	6,992
ALASKA	1,856	-	-	-	-	-	1,856	910	-	-	-	-	-	910
ARIZONA	3,485	24	-	-	24	154	3,663	3,133	-	-	-	-	-	3,135
ARKANSAS	12,402	7	-	-	7	7	12,416	6,401	-	-	-	-	165	6,566
CALIFORNIA	12,726	117	31	-	148	42	12,916	9,879	7	-	-	7	1	9,887
COLORADO	7,215	-	30	-	30	50	7,295	11,710	1	-	-	1	321	12,032
CONNECTICUT	960	-	-	-	-	-	960	1,135	-	-	-	-	1	1,136
DELAWARE	601	5	-	-	5	-	606	154	-	-	-	-	-	154
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	4,638	36	-	-	36	-	4,674	4,972	46	-	-	46	177	5,195
GEORGIA	14,002	-	-	-	-	19	14,021	7,257	19	-	-	19	-	7,276
HAWAII	458	-	-	-	-	-	458	113	-	-	-	-	-	113
IDAHO	4,532	-	11	-	11	353	4,896	3,507	-	-	-	-	388	3,895
ILLINOIS	14,185	11	69	-	80	10	14,275	3,579	-	-	-	-	1	3,580
INDIANA	9,023	53	-	-	53	631	9,707	10,348	-	-	-	-	-	10,348
IOWA	13,472	-	-	-	-	63	13,535	16,317	-	-	-	-	79	16,396
KANSAS	22,636	34	-	-	34	10	22,680	9,319	-	3	-	3	-	9,322
KENTUCKY	7,327	10	-	15	25	-	7,352	9,271	-	-	-	-	1	9,272
LOUISIANA	7,008	319	-	-	319	26	7,353	4,305	-	-	-	-	-	4,305
MAINE	3,278	-	-	-	-	-	3,278	2,255	-	-	-	-	-	2,255
MARYLAND	1,871	-	29	-	29	6	1,906	1,893	-	-	-	-	-	1,893
MASSACHUSETTS	1,969	-	-	-	-	38	2,007	1,951	-	-	-	-	-	1,951
MICHIGAN	17,114	-	-	-	-	51	17,165	7,520	-	-	-	-	12	7,532
MINNESOTA	16,612	23	-	-	23	1	16,636	11,870	-	-	-	-	-	11,870
MISSISSIPPI	11,696	4	14	-	18	-	11,714	2,925	1	-	-	1	-	2,926
MISSOURI	18,065	7	15	-	22	13	18,100	5,430	-	-	-	-	-	5,430
MONTANA	6,668	-	-	-	-	-	6,668	9,014	-	-	-	-	371	9,385
NEBRASKA	11,447	-	2	-	2	-	11,449	9,235	-	-	-	-	-	9,235
NEVADA	2,316	14	-	-	14	-	2,330	2,445	-	-	-	-	5	2,450
NEW HAMPSHIRE	1,232	3	-	-	3	-	1,235	1,224	-	-	-	-	2	1,226
NEW JERSEY	1,891	2	-	-	2	77	1,770	1,241	-	-	-	-	-	1,241
NEW MEXICO	4,355	105	-	-	105	25	4,485	2,446	9	-	-	9	5	2,460
NEW YORK	6,288	3	-	-	3	6	6,297	10,794	-	-	-	-	-	10,794
NORTH CAROLINA	10,248	3	-	-	3	229	10,480	9,057	-	-	-	-	1	9,058
NORTH DAKOTA	11,107	-	-	-	-	-	11,107	7,492	-	-	-	-	-	7,492
OHIO	11,201	4	223	14	241	258	11,700	7,188	-	-	-	-	-	7,188
OKLAHOMA	21,218	151	19	6	176	20	21,414	3,089	-	-	-	-	-	3,089
OREGON	9,581	12	-	-	12	53	9,646	7,312	-	-	-	-	-	7,312
PENNSYLVANIA	7,457	-	-	-	-	544	8,001	8,387	-	-	-	-	15	8,402
RHODE ISLAND	191	4	-	-	4	6	201	153	-	-	-	-	-	153
SOUTH CAROLINA	8,322	92	-	-	92	117	8,531	4,005	-	-	-	-	-	4,005
SOUTH DAKOTA	11,461	-	-	-	-	-	11,461	6,856	-	-	-	-	-	6,857
TENNESSEE	5,426	11	-	-	11	20	5,457	10,757	42	-	-	42	-	10,799
TEXAS	37,079	414	32	42	488	338	37,905	18,479	7	-	-	7	48	18,534
UTAH	2,973	29	-	-	29	34	3,036	4,258	-	-	-	-	19	4,277
VERMONT	1,910	3	-	-	3	-	1,913	986	-	-	-	-	-	986
VIRGINIA	10,044	109	-	-	109	57	10,210	2,400	-	-	-	-	-	2,400
WASHINGTON	7,236	60	-	-	60	53	7,349	6,877	-	-	-	-	-	6,877
WEST VIRGINIA 4/	6,353	-	-	-	-	3	6,356	2,157	-	-	-	-	-	2,157
WISCONSIN	13,674	4	-	-	4	-	13,678	6,454	-	-	-	-	-	6,454
WYOMING	2,453	-	-	-	-	27	2,480	7,332	-	-	-	-	90	7,422
TOTAL	430,505	1,781	475	77	2,333	3,346	436,184	292,584	133	3	-	136	1,704	294,424
PERCENT/SYSTEM	98.7	0.4	0.1	0.0	0.5	0.8	100.0	99.4	0.0	0.0	-	0.0	0.6	100.0

Roadway Extent, Characteristics, and Performance

TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55
SHEET 3 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL							
	DIVIDED HIGHWAYS		OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			OTHER 2/	TOTAL		
	FULL ACCESS CONTROL					DEGREE OF ACCESS CONTROL 3/	TOTAL	NONE				PARTIAL	FULL	NONE			PARTIAL	FULL
	4 LANES	> 4 LANES																
ALABAMA	164	78	-	242	-	-	-	-	-	-	342	424	33	4	461	216	1,019	
ALASKA	23	-	27	50	-	-	-	-	-	-	46	12	13	-	25	34	105	
ARIZONA	93	34	-	127	-	2	4	21	27	2	268	386	80	-	466	212	946	
ARKANSAS	83	40	-	123	7	-	45	51	96	-	103	367	32	3	35	232	634	
CALIFORNIA	120	867	-	987	50	-	186	1,018	1,204	9	1,263	1,517	2,926	518	-	3,444	973	5,934
COLORADO	80	68	-	148	14	-	81	54	135	3	152	257	81	436	521	187	965	
CONNECTICUT	72	151	-	233	3	-	-	179	187	1	191	498	50	16	71	141	710	
DELAWARE	12	29	-	41	-	-	1	-	1	-	1	42	62	2	1	65	28	135
DIST. OF COL.	4	8	-	12	-	-	14	6	20	4	24	9	29	1	-	30	60	99
FLORIDA	274	138	2	414	7	-	-	241	241	3	251	269	1,507	47	-	1,554	118	1,941
GEORGIA	160	212	-	372	3	2	38	98	138	2	143	672	196	52	5	253	532	1,457
HAWAII	6	28	-	34	2	-	45	6	51	4	57	32	10	11	-	21	40	93
IDAHO	75	1	-	76	-	-	-	-	-	-	-	66	26	21	1	48	72	186
ILLINOIS	234	290	-	524	1	3	11	76	90	3	94	773	717	180	18	915	321	2,009
INDIANA	142	124	-	266	3	15	66	24	105	5	113	675	317	52	-	369	294	1,338
IOWA	97	40	-	137	-	-	-	-	-	-	-	379	135	48	21	204	334	917
KANSAS	110	49	-	159	4	-	55	30	85	-	89	377	46	62	15	123	72	572
KENTUCKY	100	84	-	184	10	-	16	54	70	7	87	194	130	65	1	196	99	489
LOUISIANA	102	85	-	187	-	-	20	6	26	-	26	475	326	8	8	342	181	998
MAINE	52	1	-	53	2	2	4	10	16	1	19	131	17	6	5	28	58	217
MARYLAND	62	161	1	224	5	1	37	146	184	7	196	310	359	64	4	427	151	888
MASSACHUSETTS	80	314	-	394	33	-	50	189	239	3	275	1,648	99	1	8	108	89	1,845
MICHIGAN	202	251	2	455	-	3	-	197	200	-	200	685	341	24	3	368	1,006	2,059
MINNESOTA	140	77	-	217	-	-	89	62	131	3	134	231	191	65	11	267	83	581
MISSISSIPPI	104	20	-	124	-	-	-	32	32	-	32	295	89	94	2	185	128	608
MISSOURI	125	211	-	336	36	-	124	86	210	11	257	458	112	103	-	215	366	1,037
MONTANA	47	-	-	47	-	-	-	-	-	-	-	69	60	1	1	62	40	171
NEBRASKA	26	11	-	37	6	-	2	-	4	-	10	146	139	6	5	150	79	375
NEVADA	27	19	-	46	-	-	18	18	36	-	36	13	119	2	-	121	38	172
NEW HAMPSHIRE	34	10	-	44	1	-	5	28	33	-	34	151	6	5	16	21	188	
NEW JERSEY	52	220	-	272	2	-	31	236	267	2	271	637	384	52	53	489	212	1,338
NEW MEXICO	74	20	-	94	-	-	-	-	-	-	-	67	249	10	-	259	128	454
NEW YORK	308	337	-	645	7	-	196	526	722	13	742	1,141	534	198	25	757	499	2,397
NORTH CAROLINA	201	25	-	226	3	2	71	132	205	2	210	771	288	9	10	307	651	1,729
NORTH DAKOTA	40	-	-	40	-	-	-	-	-	-	-	66	23	16	-	39	50	155
OHIO	418	293	8	719	4	10	206	141	357	3	364	1,088	141	175	17	333	729	2,150
OKLAHOMA	140	64	3	207	2	79	20	76	175	10	187	306	110	25	18	153	324	783
OREGON	84	48	-	132	1	1	16	30	47	7	55	246	30	27	1	58	254	558
PENNSYLVANIA	328	86	-	414	3	2	7	357	366	13	382	1,518	388	65	10	463	834	2,815
RHODE ISLAND	6	43	-	49	2	-	23	35	58	4	64	207	28	10	-	38	103	348
SOUTH CAROLINA	96	21	-	117	-	-	1	32	33	1	34	174	407	11	3	421	92	687
SOUTH DAKOTA	46	-	-	46	-	-	3	-	3	-	3	63	17	15	-	32	76	171
TENNESSEE	172	109	-	281	-	-	-	-	-	-	-	435	302	109	62	473	410	1,318
TEXAS	421	529	-	950	25	104	117	546	767	15	807	1,033	1,065	126	66	1,257	1,584	3,874
UTAH	39	107	-	146	2	-	10	1	11	-	13	74	104	29	8	141	32	247
VERMONT	35	-	-	35	7	-	6	2	7	1	15	90	3	-	-	3	16	109
VIRGINIA	163	131	4	298	11	29	-	96	125	42	178	323	329	41	13	383	300	1,006
WASHINGTON	100	143	-	243	14	4	52	101	157	26	197	596	116	19	8	143	522	1,261
WEST VIRGINIA 4/	80	9	1	90	25	17	13	13	43	7	75	136	46	13	-	59	19	214
WISCONSIN	67	57	-	124	3	-	21	142	163	-	166	518	241	87	2	330	178	1,026
WYOMING	49	-	1	50	-	-	2	1	3	-	3	55	15	28	1	44	62	161
TOTAL	5,769	5,653	49	11,471	298	276	1,693	5,101	7,070	214	7,582	20,937	13,764	3,084	424	17,272	13,280	51,489
PERCENT/SYSTEM	50.3	49.3	0.4	100.0	4.0	3.7	22.4	67.1	93.2	2.8	100.0	40.7	26.7	6.0	0.8	33.5	25.8	100.0

TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-55
 SHEET 4 OF 4
 SEPTEMBER 1990

STATE	MINOR ARTERIAL							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	1,204	57	-	-	57	350	1,611	1,638	16	-	-	16	62	1,716
ALASKA	73	1	-	-	1	8	82	153	-	-	-	-	2	155
ARIZONA	585	190	-	-	216	216	1,017	1,600	43	9	-	52	87	1,739
ARKANSAS	865	-	26	-	-	126	991	986	2	-	-	2	18	1,006
CALIFORNIA	5,088	1,685	111	-	1,796	1,404	8,288	6,877	270	-	-	270	576	7,723
COLORADO	764	103	27	-	133	247	1,144	1,034	21	-	-	21	93	1,148
CONNECTICUT	871	15	1	3	16	61	948	1,859	-	-	-	-	58	1,917
DELAWARE	91	12	-	-	12	29	132	164	2	-	-	2	5	171
DIST. OF COL.	86	7	-	-	7	59	152	139	2	-	-	2	15	156
FLORIDA	1,051	1,057	17	-	1,074	291	2,416	4,305	301	3	-	304	162	4,771
GEORGIA	1,698	26	-	-	26	389	2,113	1,694	5	-	-	5	116	1,815
HAWAII	60	25	-	-	25	32	117	173	-	-	-	-	8	181
IDAHO	317	18	6	-	24	34	375	386	2	-	2	4	3	393
ILLINOIS	2,321	350	22	1	373	843	3,537	2,924	80	1	-	81	293	3,298
INDIANA	1,974	38	-	-	38	269	2,281	1,897	6	1	-	7	49	1,953
IOWA	913	25	-	-	25	350	1,288	885	2	-	-	2	160	1,047
KANSAS	896	67	13	3	83	14	993	755	9	-	1	19	4	779
KENTUCKY	845	81	20	-	81	86	1,012	886	7	9	-	7	15	908
LOUISIANA	806	194	13	-	207	91	1,104	1,006	7	-	-	7	78	1,137
MAINE	277	-	-	-	-	19	296	387	53	-	-	53	5	392
MARYLAND	642	182	15	-	197	116	955	867	62	-	-	62	244	1,173
MASSACHUSETTS	2,412	4	-	-	4	3	2,419	2,723	-	-	-	-	2	2,725
MICHIGAN	2,761	120	5	-	125	794	3,680	2,614	61	-	-	61	176	2,851
MINNESOTA	1,053	175	53	-	228	236	1,517	1,867	49	2	-	51	127	1,845
MISSISSIPPI	599	2	4	-	6	78	681	715	4	2	-	6	37	758
MISSOURI	1,216	26	34	-	60	347	1,623	1,424	-	-	-	-	56	1,480
MONTANA	187	6	4	-	10	14	211	225	2	-	-	2	1	228
NEBRASKA	455	33	-	-	33	49	537	391	6	-	-	6	6	405
NEVADA	139	34	-	-	34	167	340	345	-	-	-	-	-	-
NEW HAMPSHIRE	336	15	1	-	16	3	355	339	32	-	-	32	55	432
NEW JERSEY	2,645	4	-	-	4	215	2,865	1,789	10	-	-	10	109	1,908
NEW MEXICO	187	49	5	-	54	97	338	279	2	-	-	2	21	302
NEW YORK	3,956	341	89	22	452	342	4,150	3,705	46	6	-	52	188	3,945
NORTH CAROLINA	1,889	20	-	-	20	283	2,192	1,325	-	-	-	-	43	1,368
NORTH DAKOTA	230	1	-	-	1	7	264	223	-	-	-	-	5	228
OHIO	2,077	100	48	9	157	555	2,789	3,769	13	-	-	13	342	4,124
OKLAHOMA	1,433	67	2	-	69	359	1,861	1,127	6	-	-	6	71	1,204
OREGON	734	17	-	-	17	160	911	1,042	-	-	-	-	57	1,099
PENNSYLVANIA	2,440	129	-	-	151	243	2,834	3,109	5	-	-	5	71	3,185
RHODE ISLAND	241	5	-	22	5	45	291	497	-	-	-	-	2	499
SOUTH CAROLINA	659	175	-	-	175	59	893	1,038	72	-	-	72	49	1,159
SOUTH DAKOTA	233	-	-	-	-	9	242	181	-	-	-	-	1	182
TENNESSEE	639	55	-	4	59	265	963	1,663	43	-	-	43	77	1,783
TEXAS	3,765	650	19	29	698	1,140	5,603	6,215	109	2	-	111	559	6,885
UTAH	273	97	18	1	116	40	429	377	63	-	-	63	36	476
VERMONT	125	-	-	-	-	3	129	178	-	-	-	-	-	178
VIRGINIA	1,172	265	-	17	282	175	1,629	1,303	50	2	-	52	48	1,403
WASHINGTON	1,252	40	-	-	40	415	1,707	1,683	8	-	-	8	87	1,778
WEST VIRGINIA 4/	304	9	1	-	10	14	328	385	9	-	-	9	6	400
WISCONSIN	1,486	195	12	-	207	212	1,905	1,360	50	2	-	52	16	1,428
WYOMING	178	3	3	-	6	24	208	318	-	-	-	-	1	319
TOTAL	55,904	6,750	575	111	7,436	11,406	74,746	72,605	1,523	39	3	1,565	4,304	78,474
PERCENT/SYSTEM	74.8	8.9	0.8	0.2	9.9	15.3	100.0	92.5	1.9	0.1	0.0	2.0	5.5	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. 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.

4/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-57
 SHEET 1 OF 4
 SEPTEMBER 1990

STATE	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
ALABAMA	-	50	366	224	640	11	158	323	1,161	239	100	1,992	433	1,327	990	1,086	28	25	3,889
ALASKA	986	28	24	1	1,039	48	2	-	3	-	-	53	466	359	-	72	5	-	902
ARIZONA	56	191	642	150	1,039	44	56	427	473	23	14	1,037	441	876	182	659	51	17	2,226
ARKANSAS	-	22	333	64	419	59	297	505	954	96	19	1,930	522	1,167	843	603	26	5	3,156
CALIFORNIA	-	233	459	724	1,416	20	209	146	1,511	375	677	2,938	1,687	1,349	949	2,082	263	266	6,596
COLORADO	200	368	102	121	791	140	646	340	699	55	23	1,903	828	615	124	309	44	32	1,952
CONNECTICUT	-	-	29	80	109	-	-	6	89	55	76	226	2	15	89	285	43	38	472
DELAWARE	-	-	-	-	-	-	-	-	8	48	97	153	-	9	10	101	44	18	182
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	5	31	412	534	982	-	-	225	1,363	457	556	2,601	266	521	850	1,575	220	63	3,495
GEORGIA	1	106	220	546	873	21	390	426	1,673	138	58	2,706	901	1,760	1,288	1,695	170	62	5,876
HAWAII	-	-	-	5	5	-	-	-	1	7	5	13	5	89	19	163	53	56	385
IDAHO	222	186	116	6	530	325	501	411	380	14	2	1,633	556	271	58	137	4	-	1,026
ILLINOIS	16	300	957	144	1,417	-	-	59	139	17	10	225	350	2,067	2,355	2,530	137	88	7,527
INDIANA	7	101	368	375	851	-	19	19	601	246	198	1,083	54	265	799	1,802	142	65	3,127
IOWA	16	186	307	136	645	164	803	736	1,412	27	1	3,143	1,675	1,945	950	352	2	-	4,924
KANSAS	80	414	213	5	712	291	889	895	1,093	53	29	3,250	2,177	1,695	274	312	5	-	4,463
KENTUCKY	-	71	179	329	579	5	74	163	1,147	139	49	1,577	106	416	415	775	46	-	1,758
LOUISIANA	-	-	384	269	653	47	64	136	672	91	69	1,079	24	304	523	641	50	37	1,579
MAINE	78	57	107	71	313	-	91	106	450	66	23	736	115	195	259	454	44	21	1,088
MARYLAND	-	-	1	168	169	-	-	4	87	122	286	499	-	62	195	666	106	114	1,143
MASSACHUSETTS	-	-	25	145	170	-	7	20	91	32	94	244	3	72	99	419	136	40	769
MICHIGAN	51	159	261	294	765	32	268	268	1,329	217	248	2,362	215	668	947	1,637	112	103	3,882
MINNESOTA	110	318	197	63	688	182	635	754	1,596	147	46	3,360	2,210	1,605	928	544	28	9	5,324
MISSISSIPPI	-	219	272	69	560	14	113	365	917	131	39	1,579	880	1,555	798	884	12	10	4,139
MISSOURI	15	108	434	284	841	40	256	368	1,712	295	97	2,768	973	1,111	422	1,137	58	5	3,706
MONTANA	908	221	15	-	1,144	565	873	306	343	12	3	2,102	2,574	572	32	129	4	-	3,311
NEBRASKA	104	7	295	38	444	465	1,263	380	571	19	-	2,718	2,047	1,462	575	123	2	4	4,213
NEVADA	224	180	55	40	499	-	324	139	97	36	15	611	657	366	29	115	9	1	1,177
NEW HAMPSHIRE	20	28	77	56	181	-	13	8	201	44	53	319	12	52	77	412	93	18	664
NEW JERSEY	-	-	15	111	126	-	-	4	42	58	175	279	-	43	379	163	78	-	663
NEW MEXICO	267	230	357	52	906	91	504	263	326	26	7	1,217	974	605	230	262	39	16	2,146
NEW YORK	19	240	282	314	855	-	205	209	1,066	148	161	1,789	206	852	1,319	1,991	250	8	4,628
NORTH CAROLINA	-	15	173	432	620	3	63	165	1,330	293	205	2,059	229	289	328	1,049	103	53	2,051
NORTH DAKOTA	398	132	-	-	530	338	561	204	84	20	-	1,207	3,755	387	36	19	-	-	4,197
OHIO	2	-	198	647	847	9	52	152	1,081	233	145	1,672	84	370	741	1,964	91	59	3,309
OKLAHOMA	32	83	557	51	723	159	279	389	922	117	13	1,879	299	1,295	942	649	11	24	3,220
OREGON	91	180	178	146	595	156	260	252	1,447	115	41	2,271	1,050	559	299	527	26	4	2,565
PENNSYLVANIA	-	50	783	320	1,155	-	40	128	795	381	443	1,787	452	1,124	1,182	2,917	259	38	5,972
RHODE ISLAND	-	-	-	21	21	1	3	12	37	10	11	74	5	4	15	57	8	3	92
SOUTH CAROLINA	-	-	290	383	673	6	149	355	775	114	118	1,517	433	857	655	1,279	189	27	3,440
SOUTH DAKOTA	399	198	34	-	631	861	871	374	218	3	-	2,317	2,825	465	28	69	-	-	3,387
TENNESSEE	13	2	292	474	781	16	87	124	622	136	66	1,051	362	784	842	1,977	150	48	4,163
TEXAS	445	579	817	437	2,278	442	1,321	1,274	3,986	536	345	7,904	1,432	2,259	1,304	1,845	62	17	6,919
UTAH	417	258	56	47	778	11	165	284	195	21	6	682	1,208	466	37	148	-	4	1,863
VERMONT	102	66	116	2	286	-	19	238	31	1	1	289	82	140	213	303	9	1	748
VIRGINIA	7	53	249	462	771	-	3	10	918	420	158	1,509	204	706	972	1,393	148	119	3,542
WASHINGTON	34	141	185	159	519	139	254	275	951	106	71	1,796	1,050	659	339	454	55	20	2,577
WEST VIRGINIA 2/	36	69	234	90	429	-	-	45	384	60	29	518	132	626	297	614	24	24	1,717
WISCONSIN	-	34	302	180	516	-	238	800	1,974	135	124	3,271	971	1,533	1,308	1,185	29	49	5,075
WYOMING	500	348	16	-	864	140	608	149	125	1	-	1,023	1,169	714	99	112	-	-	2,094
TOTAL	5,863	6,262	11,984	9,269	33,378	4,835	13,634	13,022	38,289	6,165	5,006	80,951	37,101	37,664	26,308	41,012	3,553	1,689	147,327
PERCENT/SYSTEM	17.6	18.8	35.8	27.8	100.0	6.0	16.8	16.1	47.3	7.6	6.2	100.0	25.2	25.8	17.9	27.8	2.4	1.1	100.0

AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57
SHEET 2 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	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
ALABAMA	257	3,699	3,948	3,432	185	35	11,556	369	4,432	1,914	268	9	-	6,992
ALASKA	464	745	289	322	36	-	1,856	386	250	183	88	3	-	910
ARIZONA	300	697	671	1,528	355	112	3,663	1,583	1,118	277	157	-	-	3,135
ARKANSAS	808	4,422	3,667	3,413	88	18	12,416	3,182	2,999	278	107	-	-	6,566
CALIFORNIA	192	2,780	2,992	5,471	1,016	465	12,916	828	3,863	2,103	3,001	89	3	9,887
COLORADO	136	2,384	3,190	1,465	105	15	7,295	5,550	4,172	1,962	334	13	1	12,032
CONNECTICUT	-	-	17	688	188	67	960	7	330	324	456	18	1	1,136
DELAWARE	-	12	67	453	65	9	606	8	24	54	65	3	-	154
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	876	1,294	2,104	323	77	4,674	85	2,852	1,087	1,106	51	14	5,195
GEORGIA	311	4,130	3,525	5,669	302	84	14,021	1,484	3,321	1,799	648	24	-	7,276
HAWAII	-	59	75	234	57	33	458	-	21	16	53	15	6	113
IDAHO	899	2,149	1,018	765	60	5	4,896	2,635	978	221	60	1	-	3,895
ILLINOIS	279	5,210	2,855	5,662	240	29	14,275	435	2,452	455	233	5	-	3,580
INDIANA	93	1,606	2,370	4,245	383	1,010	9,707	1,560	6,577	350	1,845	16	-	10,348
IOWA	1,082	7,005	3,662	1,777	9	-	13,535	10,510	5,069	732	84	1	-	16,396
KANSAS	8,731	10,994	2,280	1,231	36	8	22,680	7,859	1,295	112	56	-	-	9,322
KENTUCKY	-	919	1,324	4,765	311	33	7,352	203	6,259	1,717	1,065	25	3	9,272
LOUISIANA	-	731	2,128	3,934	438	122	7,353	220	2,077	956	995	57	-	4,305
MAINE	-	206	907	2,039	112	14	3,278	26	761	837	625	6	-	2,255
MARYLAND	-	60	173	1,332	262	79	1,906	7	668	598	581	36	3	1,893
MASSACHUSETTS	53	258	339	1,213	123	21	2,007	226	1,094	270	356	5	-	1,951
MICHIGAN	521	3,430	3,144	9,110	827	133	17,165	401	4,110	1,864	1,147	10	-	7,532
MINNESOTA	1,533	7,215	4,588	3,221	73	6	16,636	3,687	7,102	752	324	5	-	11,870
MISSISSIPPI	737	6,186	2,415	2,157	190	29	11,714	604	1,778	402	135	7	-	2,926
MISSOURI	588	10,047	3,168	4,056	190	51	18,100	948	4,319	125	38	-	-	6,430
MONTANA	2,290	3,285	345	734	12	2	6,668	6,589	2,672	124	-	-	-	9,385
NEBRASKA	3,435	6,253	1,267	485	5	4	11,449	6,953	2,215	42	25	-	-	9,235
NEVADA	166	1,476	35	608	31	14	2,330	1,484	593	321	50	2	-	2,450
NEW HAMPSHIRE	-	35	145	893	138	24	1,235	-	416	407	384	19	-	1,226
NEW JERSEY	19	7	123	1,052	473	96	1,770	3	91	121	930	90	6	1,241
NEW MEXICO	727	1,813	909	953	65	18	4,485	1,174	940	188	144	14	-	2,460
NEW YORK	-	227	1,706	3,771	539	54	6,297	198	3,206	2,117	5,052	213	8	10,794
NORTH CAROLINA	-	590	1,239	7,206	1,193	252	10,480	17	2,152	3,712	3,020	144	13	9,058
NORTH DAKOTA	3,912	6,538	642	15	-	-	11,107	6,136	1,357	-	-	-	-	7,492
OHIO	-	1,575	2,352	6,987	697	89	11,700	487	3,221	1,799	1,604	77	-	7,188
OKLAHOMA	5,109	7,782	3,347	4,937	195	44	21,414	2,057	964	32	35	1	-	3,089
OREGON	1,428	3,545	2,325	2,212	109	27	9,646	3,838	2,230	989	255	-	-	7,312
PENNSYLVANIA	428	966	1,522	4,492	489	104	8,001	430	2,865	2,906	2,128	64	9	8,402
RHODE ISLAND	-	25	38	126	12	-	201	-	38	54	61	-	-	153
SOUTH CAROLINA	46	1,666	2,796	3,576	388	59	8,531	393	2,625	670	309	8	-	4,005
SOUTH DAKOTA	5,290	5,492	510	137	5	27	11,461	5,836	1,003	11	7	-	-	6,857
TENNESSEE	-	1,772	800	2,615	210	60	5,457	793	6,880	1,676	1,391	54	5	10,799
TEXAS	1,261	14,106	10,203	11,293	786	256	37,905	3,971	11,572	2,081	881	25	4	18,534
UTAH	380	1,506	691	399	54	6	3,036	2,699	1,272	156	150	-	-	4,277
VERMONT	33	233	458	1,118	65	6	1,313	62	676	232	16	-	-	986
VIRGINIA	-	3,451	2,073	4,081	491	114	10,210	-	1,622	540	230	7	1	2,400
WASHINGTON	1,408	2,310	693	2,257	534	147	7,349	2,131	2,763	809	798	176	-	6,677
WEST VIRGINIA 2/	331	1,382	1,026	3,330	263	24	6,356	278	1,255	459	165	-	-	2,157
WISCONSIN	-	4,865	5,584	3,110	103	16	13,678	1,064	3,698	1,414	278	-	-	6,454
WYOMING	190	1,645	346	292	7	-	2,480	3,604	3,753	-	65	-	-	7,422
TOTAL	43,437	147,765	91,281	136,965	12,838	3,898	436,184	92,999	128,000	40,250	31,805	1,293	77	294,424
PERCENT/SYSTEM	10.0	33.9	20.9	31.4	2.9	0.9	100.0	31.6	43.6	13.7	10.8	0.4	0.0	100.0

Roadway Extent, Characteristics, and Performance

AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57
 SHEET 3 OF 4
 SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE										OTHER FREeways 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	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	26	114	69	24	9	242	-	-	-	-	-	-	-	-	-	-	-	38	108	266	339	268	1,019							
ALASKA	9	30	11	-	-	50	-	-	-	-	-	-	-	-	-	-	-	15	15	15	53	30	105							
ARIZONA	27	38	19	18	24	127	60	9	1	8	103	-	-	-	-	-	-	97	14	110	253	472	945							
ARKANSAS	15	64	26	18	-	123	-	-	-	-	-	-	-	-	-	-	-	47	79	231	208	63	634							
CALIFORNIA	14	42	96	175	660	987	92	372	186	381	1,263	55	215	586	1,431	3,528	55	119	215	586	1,431	3,528	5,934							
COLORADO	16	38	38	28	28	148	39	59	45	4	132	10	60	244	263	665	10	62	16	156	358	710	1,338							
CONNECTICUT	2	22	54	93	62	233	22	89	74	6	191	-	-	-	-	-	-	2	1	7	49	178	1,335							
DELAWARE	-	10	10	16	5	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
FLORIDA	8	103	130	76	6	12	37	99	70	3	24	-	-	-	-	-	-	-	25	132	512	82	99							
GEORGIA	8	107	93	67	97	414	49	59	21	8	251	-	-	-	-	-	-	58	118	368	531	1,941	1,457							
HAWAII	4	-	7	34	14	372	34	25	9	3	163	-	-	-	-	-	-	1	-	11	27	54	93							
IDAHO	29	36	11	-	-	76	-	-	-	-	-	-	-	-	-	-	-	4	19	56	79	26	186							
ILLINOIS	61	171	75	86	132	524	40	36	7	6	94	2	4	19	56	404	4	41	65	404	718	759	2,009							
INDIANA	8	118	61	68	11	265	42	52	19	-	113	3	3	51	90	345	51	123	119	344	551	298	1,338							
INDIANA	25	81	24	7	-	137	-	-	-	-	-	-	-	-	-	-	-	18	119	344	256	57	917							
IOWA	45	60	34	17	3	159	46	28	15	-	89	3	37	52	176	218	3	37	52	176	218	86	572							
KANSAS	1	19	58	46	7	184	60	13	14	-	87	-	-	-	-	-	-	9	24	97	221	138	489							
KENTUCKY	20	71	52	28	16	187	8	11	4	2	26	6	96	291	299	193	113	113	114	54	114	35	217							
LOUISIANA	15	26	12	-	-	83	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-							
MARYLAND	1	19	35	64	105	224	12	82	77	23	195	12	24	107	221	499	12	25	4	23	49	96	172							
MASSACHUSETTS	3	56	134	124	66	364	36	96	79	75	275	2	4	51	279	214	2	4	51	279	214	499	888							
MICHIGAN	13	114	131	101	28	455	37	87	61	11	200	3	21	85	331	862	3	21	85	331	862	757	2,059							
MINNESOTA	19	40	78	51	28	217	7	47	64	16	134	1	36	82	192	107	1	36	82	192	107	581	917							
MISSISSIPPI	14	94	9	7	-	124	32	-	-	-	32	-	19	76	203	608	-	19	76	203	240	70	608							
MISSOURI	27	62	71	-	84	336	106	111	31	9	257	-	48	57	188	390	354	15	18	50	68	19	171							
MONTANA	47	-	-	-	-	47	-	-	-	-	10	-	20	110	124	375	-	20	40	40	124	81	375							
NEBRASKA	5	15	5	-	3	37	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
NEVADA	7	16	5	12	6	46	20	3	8	4	36	-	-	-	-	-	-	-	-	-	-	-	-							
NEW HAMPSHIRE	-	4	20	15	-	44	-	20	7	7	34	-	-	-	-	-	-	-	-	-	-	-	-							
NEW JERSEY	4	30	50	97	81	272	24	56	94	75	271	1	8	113	38	186	1	8	113	38	186	186	172							
NEW MEXICO	46	21	11	9	7	37	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
NEW YORK	34	221	159	126	105	645	136	249	136	109	742	-	15	142	401	898	-	15	142	401	941	898	2,397							
NORTH CAROLINA	1	54	94	35	2	225	46	99	52	13	210	7	39	119	462	342	7	39	119	462	740	342	1,729							
NORTH CAROLINA	31	194	251	182	81	719	126	182	32	24	364	-	56	229	496	2,150	-	56	229	496	954	415	2,150							
OHIO	3	15	20	12	-	59	6	15	14	14	187	17	46	79	225	793	-	46	79	225	300	116	793							
OKLAHOMA	33	66	45	59	4	207	82	44	47	14	187	17	46	79	225	793	-	46	79	225	300	116	793							
OREGON	23	23	38	34	14	132	3	25	13	2	55	-	-	-	-	-	-	-	-	-	-	-	-							
PENNSYLVANIA	23	166	123	78	16	414	89	194	81	16	382	6	6	68	163	778	6	68	163	778	1,188	83	2,848							
RHODE ISLAND	-	15	12	6	16	49	15	44	5	-	64	-	-	-	-	-	-	-	-	-	-	-	-							
SOUTH CAROLINA	6	41	34	34	2	117	9	12	13	-	34	1	15	28	144	254	1	15	28	144	245	254	687							
SOUTH CAROLINA	28	77	93	60	24	281	2	1	-	-	3	1	22	27	171	47	1	22	27	171	47	171	1,316							
SOUTH DAKOTA	1	212	218	237	177	950	137	293	183	104	807	25	159	356	946	1,546	25	159	356	946	1,546	842	3,874							
TENNESSEE	106	212	218	237	177	950	137	293	183	104	807	25	159	356	946	1,546	25	159	356	946	1,546	842	3,874							
TEXAS	17	33	60	24	12	146	7	2	4	-	13	4	12	13	-	-	-	12	13	13	50	91	247							
UTAH	14	14	23	86	74	298	64	41	39	11	178	-	-	-	-	-	-	-	-	-	-	-	-							
VERMONT	9	77	54	43	89	243	36	91	46	19	197	5	3	5	6	6	5	102	90	283	464	298	1,006							
VIRGINIA	7	48	54	43	89	243	36	91	46	19	197	5	3	5	6	6	5	102	90	283	464	298	1,006							
WASHINGTON	9	77	54	43	89	243	36	91	46	19	197	5	3	5	6	6	5	102	90	283	464	298	1,006							
WEST VIRGINIA 2/	6	64	14	6	25	90	25	46	4	7	75	1	3	7	55	112	1	3	7	55	112	36	214							
WISCONSIN	8	50	18	23	-	124	45	71	37	-	166	-	-	-	-	-	-	13	100	363	400	150	1,066							
WYDING	48	2	-	-	-	50	3	-	-	-	3	-	-	-	-	-	-	18	22	71	45	4	161							
TOTAL	925	3,118	2,700	2,427	2,301	11,471	1,617	2,653	1,801	786	7,582	220	1,869	3,181	10,563	19,144	220	1,869	3,181	10,563	19,144	16,712	51,489							
PERCENT/SYSTEM	8.1	27.1	23.5	21.2	20.1	100.0	21.3	34.9	23.8	0.4	9.6	0.4	3.2	6.2	20.5	37.2	0.4	3.2	6.2	20.5	37.2	32.5	100.0							

AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1989¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57
 SHEET 4 OF 4
 SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL										COLLECTOR										TOTAL
	AVERAGE DAILY TRAFFIC VOLUME					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	LESS THAN 1,000	1,000-2,999	3,000-4,999		5,000-9,999	10,000-19,999	
ALABAMA	59	615	269	379	229	60	1,611	254	896	280	232	43	11	1,716							
ALASKA	26	13	13	23	16	2	82	46	78	8	19	4	4	158							
ARIZONA	97	126	186	230	237	141	1,017	787	554	176	139	67	16	1,739							
ARKANSAS	164	299	217	207	99	5	991	503	309	141	49	4	1,008								
CALIFORNIA	320	967	957	2,243	2,716	1,085	8,288	1,035	2,904	1,582	1,662	474	66	7,723							
COLORADO	119	317	231	308	159	13	1,144	271	566	160	134	17	3	1,743							
CONNECTICUT	17	133	92	496	274	26	948	297	730	466	348	73	8	1,919							
DELAWARE	2	14	6	36	54	8	192	22	53	22	48	18	1	1,917							
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
FLORIDA	4	130	131	537	87	16	152	36	23	47	72	13	1	156							
GEORGIA	110	453	263	622	800	724	2,416	385	1,345	1,092	1,268	584	97	4,771							
HAWAII	-	-	-	25	34	27	117	2	31	39	67	104	15	1,815							
IDAHO	39	90	80	104	60	2	375	97	203	55	33	5	76	393							
ILLINOIS	67	470	441	898	1,136	524	3,537	527	942	476	645	632	41	3,298							
INDIANA	119	721	436	537	408	60	2,281	729	769	232	729	41	10	1,953							
IOWA	242	427	251	234	72	2	1,288	450	419	121	52	4	1,047								
KANSAS	59	277	185	237	220	15	993	240	344	106	79	10	779								
KENTUCKY	9	112	360	320	300	16	1,012	106	255	131	255	57	908								
LOUISIANA	31	217	201	332	238	85	1,104	262	365	243	32	6	1,137								
MAINE	4	42	62	121	63	4	236	55	196	88	49	4	392								
MARYLAND	34	130	105	273	304	109	955	232	389	184	280	81	27	1,173							
MASSACHUSETTS	11	200	517	1,661	27	2	2,613	101	1,584	1,013	23	4	2,725								
MICHIGAN	137	603	645	1,169	897	228	3,680	514	1,047	646	458	153	33	2,851							
MINNESOTA	84	324	194	373	412	130	1,917	523	557	283	351	109	22	1,845							
MISSISSIPPI	41	234	148	198	57	3	681	210	297	147	91	13	758								
MISSOURI	86	337	278	502	359	61	1,623	390	613	189	239	48	1	1,480							
MONTANA	34	69	35	51	22	1	211	74	122	45	1	1	228								
NEBRASKA	27	140	91	160	107	12	537	75	191	55	67	17	405								
NEVADA	18	34	42	97	93	56	340	210	70	15	97	40	432								
NEW HAMPSHIRE	28	56	73	115	65	18	355	187	151	52	44	5	339								
NEW JERSEY	75	214	441	909	1,160	66	2,865	121	645	378	599	165	4	1,908							
NEW MEXICO	24	66	41	92	82	33	338	58	87	57	74	26	302								
NEW YORK	23	168	548	1,386	1,480	545	4,150	539	1,516	783	935	256	16	3,945							
NORTH CAROLINA	57	488	571	668	355	53	2,192	595	358	220	133	19	3	1,368							
NORTH DAKOTA	57	76	49	63	19	1	264	77	388	32	20	228	228								
OHIO	22	478	645	988	598	58	2,789	388	1,467	989	938	305	27	4,124							
OKLAHOMA	344	509	235	437	270	66	1,861	455	404	223	96	20	6	1,204							
OREGON	41	194	156	253	246	21	911	208	425	181	181	7	1,089								
PENNSYLVANIA	75	477	525	1,016	666	75	2,834	509	1,112	705	667	181	11	3,185							
RHODE ISLAND	9	42	43	65	101	31	291	188	181	50	45	26	9	495							
SOUTH CAROLINA	22	193	123	256	237	62	893	295	453	190	169	51	1	1,159							
SOUTH DAKOTA	61	78	35	56	11	1	242	62	57	33	1	1	162								
TENNESSEE	11	88	130	329	307	98	963	384	705	313	266	107	11	1,783							
TEXAS	525	1,160	853	1,545	1,212	307	5,603	2,080	2,307	1,212	966	244	76	6,885							
UTAH	17	67	50	83	134	78	429	68	142	77	110	71	8	476							
VERMONT	6	134	26	39	28	35	129	91	24	24	24	4	4	476							
VIRGINIA	19	134	208	519	531	218	1,629	159	471	359	178	4	15	1,783							
WASHINGTON	115	332	251	537	350	122	1,707	425	673	274	334	56	16	1,403							
WEST VIRGINIA 2/	14	55	46	120	72	11	328	91	166	53	67	19	4	400							
WISCONSIN	7	52	386	572	380	68	1,905	419	633	236	128	12	1	1,428							
WYOMING	28	81	39	50	8	2	208	122	131	39	26	1	1	319							
TOTAL	3,541	13,008	11,690	22,515	18,430	5,562	74,746	16,049	28,788	14,933	13,704	4,402	598	78,474							
PERCENT/SYSTEM	4.7	17.4	15.6	30.2	24.7	7.4	100.0	20.5	36.6	19.0	17.5	5.6	0.8	100.0							

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS)
 2/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 1 OF 4
 SEPTEMBER 1990

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	4	-	1	-	-	8	221	113	73	5	-	2	414
9 FEET	64	-	-	-	64	43	93	14	56	-	206	1,091	1,528	606	726	55	-	4,006	
10 FEET	42	-	-	-	42	127	361	448	958	95	33	2,022	4,605	5,360	3,298	4,429	190	17,930	
11 FEET	83	-	-	-	83	394	1,421	1,572	3,712	288	160	7,547	5,554	7,792	5,953	8,009	688	28,061	
12 FEET	892	24	51	29	996	3,772	10,890	9,728	23,321	1,687	526	49,924	24,814	21,190	15,341	23,573	1,394	86,989	
GREATER THAN 12 FEET	-	-	-	-	-	484	563	429	1,453	91	34	3,054	814	1,596	773	1,543	240	5,079	
TOTAL UNDIVIDED	1.081	24	51	29	1.185	4.823	13.332	12.191	29.501	2.161	753	62.761	37.099	37.579	26.044	38.285	2.567	905	142.479
DIVIDED:																			
NO ACCESS CONTROL:																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	4	-	-	4	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	56	83	56	196	-	-	-	85	21	27	133
10 FEET	-	-	-	-	-	-	1	-	91	137	94	342	-	-	9	239	69	80	398
11 FEET	-	-	-	-	-	-	-	20	394	1,796	1,784	7,923	-	69	173	1,881	532	473	3,128
12 FEET	-	-	-	-	-	-	156	241	53	42	14	111	-	1	6	21	24	36	88
GREATER THAN 12 FEET	-	-	-	-	-	-	-	2	53	42	14	111	-	1	6	21	24	36	88
SUBTOTAL	-	-	-	-	-	-	157	263	4.150	2.058	1.948	8.576	-	71	188	2,226	646	616	3.747
PARTIAL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	5	-	15	20	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	21	14	19	57	-	2	-	-	-	-	24
11 FEET	-	-	-	-	-	-	-	3	372	2,235	1,022	917	4,679	-	14	76	353	304	818
12 FEET	-	11	8	9	28	12	121	372	1	48	10	63	-	-	-	13	-	4	17
GREATER THAN 12 FEET	-	-	-	-	-	-	-	1	48	4	10	63	-	-	-	13	-	4	17
SUBTOTAL	-	11	8	9	28	12	121	376	2.309	1.040	961	4.819	2	14	76	366	304	97	859
FULL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	-	-	3	-	3	-	-	-	-	5	-	5	-	-	-	-	-	-	-
9 FEET	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	18	7	-	25	-	-	-	-	11	-	11	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	4,734	6,108	11,788	9,142	31,772	-	24	192	2,327	874	1,344	4,761	-	-	-	135	36	69	240
GREATER THAN 12 FEET	48	101	127	88	364	-	-	-	2	15	-	18	-	-	-	-	-	2	2
SUBTOTAL	4.782	6.227	11.925	9.231	32.165	-	24	192	2.329	906	1,344	4.795	-	-	-	135	36	71	242
TOTAL DIVIDED	4.782	6.238	11.933	9.240	32.193	12	302	831	8.788	4.004	4,253	18.190	2	85	264	2,727	986	784	4.848
TOTAL	5.863	6.262	11.984	9.269	33.378	4.835	13.634	13.022	38.289	6.165	5.006	80.951	37.101	37.664	26.308	41.012	3,553	1,689	147.327

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 2 OF 4
 SEPTEMBER 1990

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MAJOR COLLECTOR							MINOR COLLECTOR						
	AVERAGE DAILY TRAFFIC VOLUME							AVERAGE DAILY TRAFFIC VOLUME						
	LESS THAN 100	100- 499	500- 999	1,000- 4,999	5,000- 9,999	10,000 AND OVER	TOTAL	LESS THAN 100	100- 499	500- 999	1,000- 4,999	5,000- 9,999	10,000 AND OVER	TOTAL
UNDIVIDED:														
LESS THAN 9 FEET	3,513	5,909	2,042	590	-	-	12,054	15,293	16,177	3,252	1,763	1	-	36,486
9 FEET	3,998	16,639	9,894	14,319	435	2	45,287	15,083	32,558	9,870	6,225	45	7	63,788
10 FEET	9,197	51,200	30,329	38,764	1,844	340	131,674	22,507	39,098	13,447	10,903	423	8	66,386
11 FEET	11,472	29,396	23,268	32,881	2,359	395	99,771	14,885	19,233	7,180	6,033	409	17	47,757
12 FEET	13,195	40,996	24,286	45,224	7,089	2,512	133,302	20,363	17,813	5,807	6,254	336	39	50,612
GREATER THAN 12 FEET	2,062	3,620	1,308	3,644	677	184	11,495	4,858	3,031	681	526	50	3	9,149
TOTAL UNDIVIDED	43,437	147,760	91,127	135,422	12,404	3,433	433,583	92,989	127,910	40,237	31,704	1,264	74	294,178
DIVIDED:														
NO ACCESS CONTROL:														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	4	-	-	-	-	4
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	169	2	8	179	-	60	-	46	-	-	106
11 FEET	-	-	-	98	2	4	104	-	-	-	-	-	-	-
12 FEET	-	5	109	872	191	392	1,569	-	-	7	55	28	3	93
GREATER THAN 12 FEET	-	-	-	11	128	14	153	-	26	6	-	-	-	32
SUBTOTAL	-	5	109	1,150	323	418	2,005	-	90	13	101	28	3	235
PARTIAL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	13	13	-	-	-	-	-	-	-
12 FEET	-	-	-	345	109	20	474	10	-	-	-	1	-	11
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	-	345	109	33	487	10	-	-	-	1	-	11
FULL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	45	48	2	14	109	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	45	48	2	14	109	-	-	-	-	-	-	-
TOTAL DIVIDED	-	5	154	1,543	434	465	2,601	10	90	13	101	29	3	246
TOTAL	43,437	147,765	91,281	136,965	12,838	3,898	436,184	92,999	128,000	40,250	31,805	1,293	77	294,424

Roadway Extent, Characteristics, and Performance

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 3 OF 4
 SEPTEMBER 1990

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL							
	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	
UNDIVIDED:																				
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	3	9	5	17	37	1	72	
9 FEET	-	-	-	-	-	-	-	3	-	-	-	-	41	20	36	83	157	56	393	
10 FEET	1	-	-	-	-	1	11	14	-	-	-	-	25	51	201	355	731	1,514	1,007	3,859
11 FEET	-	-	-	-	-	2	16	10	3	-	-	-	29	19	296	507	1,331	1,888	1,172	5,213
12 FEET	10	5	5	4	13	37	217	101	17	2	-	-	337	75	903	1,723	5,632	8,061	3,359	19,753
GREATER THAN 12 FEET	-	1	-	-	-	1	44	8	-	-	-	-	62	20	138	269	1,126	2,158	499	4,210
TOTAL UNDIVIDED	11	6	5	5	14	41	288	136	20	2	-	446	209	1,567	2,895	8,920	13,815	6,094	33,500	
DIVIDED:																				
NO ACCESS CONTROL:																				
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	8	13	
10 FEET	-	-	-	-	-	-	2	16	2	-	-	-	2	11	10	69	161	503	744	
11 FEET	-	-	-	-	-	-	-	18	2	-	-	-	18	7	7	96	383	1,242	1,739	
12 FEET	-	1	2	-	-	3	64	118	45	11	-	-	238	8	39	191	909	3,367	6,595	
GREATER THAN 12 FEET	-	-	-	-	-	-	7	5	3	-	-	-	15	1	4	7	94	255	407	768
SUBTOTAL	-	1	2	-	-	3	73	139	50	11	-	273	9	55	217	1,170	4,167	8,763	14,381	
PARTIAL ACCESS CONTROL: 2/																				
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 FEET	-	-	-	-	-	-	3	8	29	-	-	-	3	1	-	-	-	4	43	
10 FEET	-	-	-	-	-	-	-	40	4	8	-	-	37	-	6	17	78	173	274	
11 FEET	-	-	-	-	-	-	9	761	254	110	-	-	61	-	36	45	386	937	1,330	
12 FEET	1	12	3	-	-	16	459	761	254	110	6	1,590	2	36	45	386	937	1,330	2,736	
GREATER THAN 12 FEET	-	1	-	-	-	1	7	12	8	-	-	-	27	3	1	21	42	52	119	
SUBTOTAL	1	13	3	-	-	17	478	821	295	118	6	1,718	2	40	52	425	1,061	1,598	3,178	
FULL ACCESS CONTROL: 2/																				
LESS THAN 9 FEET	-	-	-	-	1	1	-	-	3	-	-	-	-	-	-	-	-	-	1	
9 FEET	-	1	-	-	-	1	1	5	1	1	-	-	3	-	-	-	-	-	-	
10 FEET	-	-	-	-	41	53	12	34	27	14	27	114	-	3	-	2	-	25	30	
11 FEET	-	1	5	6	2,243	11,223	759	1,487	1,389	640	692	4,967	-	-	-	42	100	219	381	
12 FEET	904	3,036	2,646	2,394	2,243	11,223	759	1,487	1,389	640	692	4,967	-	-	-	42	100	219	381	
GREATER THAN 12 FEET	9	60	39	22	2	132	6	31	16	-	-	53	-	-	-	4	1	13	18	
SUBTOTAL	913	3,098	2,690	2,422	2,287	11,410	778	1,557	1,436	655	719	5,145	-	7	17	48	101	257	430	
TOTAL DIVIDED	914	3,112	2,695	2,422	2,287	11,430	1,329	2,517	1,781	784	725	7,136	11	102	286	1,643	5,329	10,618	17,989	
TOTAL	925	3,118	2,700	2,427	2,301	11,471	1,617	2,653	1,801	786	725	7,582	220	1,669	3,181	10,563	19,144	16,712	51,489	

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 4 OF 4
 SEPTEMBER 1990

LANE WIDTH AND DEGREE OF ACCESS CONTROL	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	
UNDIVIDED:														
LESS THAN 9 FEET	92	138	96	51	31	15	423	1,108	759	336	112	9	-	2,324
9 FEET	356	1,076	468	562	225	38	2,725	2,566	2,991	906	452	62	11	6,988
10 FEET	907	3,097	2,031	3,771	2,175	572	12,553	4,417	7,850	3,417	2,126	442	78	18,330
11 FEET	553	2,298	2,033	3,568	2,317	476	11,245	1,834	4,083	1,956	2,387	639	132	11,031
12 FEET	1,228	5,037	5,378	9,924	7,971	1,405	30,943	4,572	9,349	5,925	5,864	2,103	146	27,959
GREATER THAN 12 FEET	278	1,164	1,464	3,053	2,145	206	8,310	1,475	3,363	2,058	1,948	523	34	9,401
TOTAL UNDIVIDED	3,414	12,810	11,470	20,929	14,864	2,712	66,199	15,972	28,395	14,598	12,889	3,778	401	76,033
DIVIDED:														
NO ACCESS CONTROL:														
LESS THAN 9 FEET	-	-	-	-	-	-	-	4	-	-	-	-	-	4
9 FEET	-	1	-	28	-	10	39	2	2	5	1	-	-	10
10 FEET	7	12	2	111	144	244	520	17	76	55	87	65	4	304
11 FEET	66	6	28	104	498	306	1,008	-	72	20	101	108	10	311
12 FEET	51	161	147	1,033	2,382	1,890	5,664	52	173	210	494	400	167	1,496
GREATER THAN 12 FEET	3	13	29	104	230	121	500	1	67	33	127	35	8	271
SUBTOTAL	127	193	206	1,380	3,254	2,571	7,731	76	390	323	810	608	189	2,396
PARTIAL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	1	-	9	-	-	-	10
10 FEET	-	-	-	50	-	-	50	-	2	-	-	-	1	3
11 FEET	-	-	4	19	19	11	53	-	-	-	-	-	-	-
12 FEET	-	3	7	108	231	219	568	-	1	-	5	13	7	27
GREATER THAN 12 FEET	-	2	-	6	7	4	19	-	-	2	-	-	-	2
SUBTOTAL	-	5	11	183	257	234	690	1	3	12	5	13	8	42
FULL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	19	16	3	38	-	-	-	-	-	-	-
12 FEET	-	-	3	4	39	42	88	-	-	-	-	3	-	3
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	3	23	55	45	126	-	-	-	-	3	-	3
TOTAL DIVIDED	127	198	220	1,586	3,566	2,850	8,547	77	393	336	815	624	197	2,441
TOTAL	3,541	13,008	11,690	22,515	18,430	5,562	74,746	16,049	28,788	14,933	13,704	4,402	598	78,474

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS.
 2/ 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 INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

VOLUME-SERVICE FLOW RATIO - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-61
SHEET 1 OF 4
SEPTEMBER 1990

STATE	INTERSTATE							OTHER PRINCIPAL ARTERIAL							MINOR 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	-	113	358	86	64	19	640	658	996	318	13	3	4	1,992	3,024	687	159	16	-	3	3,889
ALASKA	817	146	50	7	8	11	1,039	50	3	-	-	-	53	826	60	16	-	-	-	-	902
ARIZONA	752	278	9	-	-	-	1,039	493	457	66	13	8	-	1,037	1,493	517	200	2	-	14	2,226
ARKANSAS	31	177	162	28	18	3	419	876	729	298	10	13	4	1,930	2,361	591	192	6	-	16	3,166
CALIFORNIA	322	280	444	161	111	98	1,416	467	1,131	1,029	47	120	144	2,938	3,567	1,526	887	127	9	480	6,596
COLORADO	275	320	83	24	72	17	791	879	692	271	17	38	6	1,903	1,488	282	148	6	21	7	1,952
CONNECTICUT	-	24	30	7	11	37	109	14	86	92	8	11	15	226	84	237	105	13	23	10	472
DELAWARE	-	-	-	-	-	-	-	-	58	62	22	3	8	153	39	98	38	-	7	-	182
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	38	398	399	96	17	34	982	903	1,379	314	5	-	-	2,601	2,241	1,112	142	-	-	-	3,495
GEORGIA	91	87	316	110	96	173	873	1,313	934	370	32	48	9	2,706	3,840	237	237	59	47	19	5,876
HAWAII	-	2	3	-	-	-	5	-	1	11	1	-	-	13	127	143	58	28	17	12	385
IDAHO	276	236	18	-	-	-	530	640	644	321	13	15	-	1,633	792	212	22	-	-	-	1,026
ILLINOIS	197	981	218	11	9	1	1,417	183	41	1	-	-	-	225	5,208	2,188	78	24	23	6	7,527
INDIANA	160	502	173	16	-	-	851	203	652	185	10	22	11	1,083	1,767	1,124	199	-	21	16	3,127
IOWA	168	296	181	-	-	-	645	2,398	732	13	-	-	-	3,143	4,736	186	-	-	-	-	4,924
KANSAS	154	474	84	-	57	-	712	2,275	963	12	-	-	-	3,250	4,092	368	3	-	-	21	4,463
KENTUCKY	26	114	221	125	6	36	579	702	553	206	54	4	58	1,577	662	742	271	-	62	26	1,758
LOUISIANA	11	392	304	6	-	-	653	412	495	150	9	-	13	1,079	1,035	493	25	-	-	26	1,579
MAINE	104	106	52	10	3	38	313	231	320	137	30	13	5	736	465	394	164	31	33	1	1,088
MARYLAND	-	-	28	46	32	65	169	20	182	246	19	36	16	499	333	435	268	24	27	56	1,143
MASSACHUSETTS	-	16	95	12	30	17	170	54	62	67	13	17	31	244	225	269	191	14	26	43	769
MICHIGAN	87	323	247	22	32	54	765	695	817	681	71	56	42	2,362	2,008	1,212	511	64	87	20	3,882
MINNESOTA	235	231	165	4	32	21	688	1,550	1,186	542	46	20	16	3,360	4,625	473	151	-	55	20	5,324
MISSISSIPPI	23	334	191	6	6	-	560	736	683	150	5	5	-	1,679	3,231	776	68	64	-	-	4,139
MISSOURI	19	365	217	113	92	35	841	913	1,429	355	62	3	6	2,768	2,788	692	192	16	18	-	3,706
MONTANA	1,008	136	-	-	-	-	1,144	1,847	409	46	-	-	-	2,102	3,071	228	12	-	-	-	3,311
NEBRASKA	103	285	53	3	-	-	444	2,319	375	24	-	-	-	2,718	4,102	89	17	2	-	3	4,213
NEVADA	366	81	18	32	2	-	499	429	158	15	-	7	2	611	1,116	51	9	1	-	17	1,177
NEW HAMPSHIRE	19	72	48	12	19	11	181	17	81	115	20	39	47	319	95	268	215	44	25	23	664
NEW JERSEY	-	28	30	20	11	37	126	17	14	98	37	41	72	279	100	251	246	21	22	23	663
NEW MEXICO	301	278	283	21	22	1	906	901	273	40	1	-	2	1,217	1,825	251	52	9	-	9	2,146
NEW YORK	16	326	355	49	63	46	855	469	827	299	41	69	84	1,789	1,894	1,916	631	107	8	70	4,626
NORTH CAROLINA	15	45	288	46	78	148	620	450	862	544	83	38	82	2,059	648	744	523	14	99	23	2,051
NORTH DAKOTA	507	23	-	-	-	-	530	1,187	20	-	-	-	-	1,207	4,178	19	-	-	-	-	4,197
OHIO	2	143	500	77	59	66	847	660	719	252	36	5	-	1,672	1,466	1,271	474	63	-	35	3,309
OKLAHOMA	127	503	75	5	11	2	723	1,336	386	129	28	-	-	1,879	2,851	352	17	-	-	-	3,220
OREGON	93	248	229	5	13	7	595	710	974	480	54	40	13	2,271	1,991	541	30	-	-	-	2,565
PENNSYLVANIA	71	480	425	45	48	86	1,155	399	851	392	41	45	59	1,787	3,123	1,965	844	18	-	22	6,972
RHODE ISLAND	-	-	21	-	-	-	21	15	33	13	-	1	12	74	28	28	29	3	-	4	92
SOUTH CAROLINA	-	202	370	4	68	29	673	593	631	270	5	11	7	1,617	2,143	955	323	5	7	7	3,440
SOUTH DAKOTA	426	196	9	-	-	-	631	2,020	225	64	7	1	-	2,317	3,294	71	21	1	-	-	3,387
TENNESSEE	15	319	418	-	26	3	781	332	531	178	9	-	1	1,051	1,972	1,926	220	-	45	-	4,163
TEXAS	901	669	501	106	42	59	2,278	5,027	2,313	524	23	5	12	7,904	5,776	1,020	97	21	3	2	6,919
UTAH	447	253	62	10	3	3	778	264	247	121	18	11	21	682	1,494	250	109	-	2	8	1,863
VERMONT	108	134	44	-	-	-	286	33	139	93	23	1	-	289	279	331	111	1	7	19	748
VIRGINIA	-	155	364	36	91	126	771	640	641	201	8	5	14	1,609	1,155	1,632	608	30	88	29	3,542
WASHINGTON	148	165	143	12	20	31	519	866	688	201	25	4	12	1,796	2,107	344	95	17	-	14	2,577
WEST VIRGINIA 2/	51	141	178	11	33	15	429	88	205	164	8	32	21	518	514	597	372	76	132	26	1,717
WISCONSIN	14	98	262	20	26	96	516	894	1,765	579	12	9	12	3,271	3,319	1,427	262	42	25	-	5,075
WYOMING	748	116	-	-	-	-	864	777	166	62	11	7	-	1,023	1,825	269	-	-	-	-	2,094
TOTAL	9,272	11,231	8,722	1,397	1,331	1,425	33,378	38,755	28,738	10,801	990	806	861	80,951	101,426	33,287	9,642	972	919	1,081	147,327
PERCENT/SYSTEM	27.8	33.6	26.1	4.2	4.0	4.3	100.0	47.9	35.5	13.3	1.2	1.0	1.1	100.0	68.9	22.6	6.6	0.7	0.6	0.7	100.0

VOLUME-SERVICE FLOW RATIO - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-61
 SHEET 2 OF 4
 SEPTEMBER 1990

STATE	MAJOR COLLECTOR							MINOR COLLECTOR							
	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		
ALABAMA	11,221	249	86	-	-	-	11,556	6,980	12	-	-	-	-	6,992	
ALASKA	1,771	65	20	-	-	-	1,856	898	12	-	-	-	-	910	
ARIZONA	3,164	476	12	3	8	-	3,663	3,129	6	-	-	-	-	3,135	
ARKANSAS	12,154	236	26	-	-	-	12,416	6,551	15	-	-	-	-	6,566	
CALIFORNIA	8,614	2,291	1,254	216	260	271	12,916	8,586	809	423	43	1	25	9,887	
COLORADO	7,022	257	4	1	11	-	7,295	11,993	30	8	-	1	-	12,032	
CONNECTICUT	628	253	20	-	25	34	960	1,068	57	11	-	-	-	1,136	
DELAWARE	506	67	31	2	-	-	606	143	7	3	1	-	-	154	
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA	4,119	488	67	-	-	-	4,674	5,109	72	14	-	-	-	5,195	
GEORGIA	13,336	492	187	2	-	4	14,021	7,213	58	5	-	-	-	7,276	
HAWAII	297	145	14	2	-	-	456	83	21	8	-	1	-	113	
IDAHO	4,811	70	9	2	2	2	4,896	3,891	4	-	-	-	-	3,895	
ILLINOIS	13,571	645	59	-	-	-	14,275	3,571	9	-	-	-	-	3,580	
INDIANA	6,991	2,536	180	-	-	-	9,707	10,084	3	-	-	-	-	10,348	
IOWA	13,476	59	-	-	-	-	13,535	16,394	2	261	-	-	-	16,396	
KANSAS	22,408	264	8	-	-	-	22,680	9,318	3	1	-	-	-	9,322	
KENTUCKY	5,654	1,410	179	19	32	58	7,352	9,003	221	31	14	-	2	9,272	
LOUISIANA	6,812	448	58	7	28	-	7,353	4,227	61	17	-	-	-	4,305	
MAINE	2,900	289	83	6	-	-	3,278	2,200	52	3	-	-	-	2,255	
MARYLAND	1,325	441	89	-	44	7	1,906	1,823	64	4	-	-	2	1,893	
MASSACHUSETTS	1,505	420	64	-	17	1	2,007	1,939	7	5	-	-	-	1,951	
MICHIGAN	14,776	1,793	529	11	28	28	17,165	7,459	67	6	-	-	-	7,532	
MINNESOTA	16,176	372	83	-	-	5	16,636	11,832	34	2	2	-	-	11,870	
MISSISSIPPI	11,067	491	156	-	-	-	11,714	2,911	9	6	-	-	-	2,925	
MISSOURI	17,403	619	75	3	-	-	18,100	5,423	7	-	-	-	-	5,430	
MONTANA	6,625	41	2	-	-	-	6,668	9,385	-	-	-	-	-	9,385	
NEBRASKA	11,414	28	7	-	-	-	11,449	9,235	-	-	-	-	-	9,235	
NEVADA	2,182	26	122	-	-	-	2,330	2,448	1	1	-	-	-	2,450	
NEW HAMPSHIRE	855	280	80	2	11	7	1,235	1,156	63	5	-	-	-	1,226	
NEW JERSEY	955	445	297	33	40	-	1,770	1,009	216	10	-	3	3	1,241	
NEW MEXICO	4,299	135	43	6	2	-	4,485	2,440	14	6	-	-	-	2,460	
NEW YORK	5,053	1,017	185	5	7	30	6,297	10,140	497	23	126	8	-	10,794	
NORTH CAROLINA	7,418	2,601	362	69	19	11	10,480	8,673	368	10	-	-	7	9,058	
NORTH DAKOTA	11,107	-	-	-	-	-	11,107	7,492	-	-	-	-	-	7,492	
OHIO	10,067	1,215	369	-	33	16	11,700	6,690	425	70	-	3	-	7,188	
OKLAHOMA	20,986	380	47	-	-	1	21,414	3,080	8	1	-	-	-	3,089	
OREGON	9,286	326	34	-	-	-	9,646	7,255	57	-	-	-	-	7,312	
PENNSYLVANIA	6,532	1,226	183	-	52	8	8,001	8,127	250	25	-	-	-	8,402	
RHODE ISLAND	171	22	8	-	-	-	201	143	10	-	-	-	-	153	
SOUTH CAROLINA	7,800	616	115	-	-	-	8,531	3,961	40	4	-	-	-	4,005	
SOUTH DAKOTA	11,382	46	6	-	-	27	11,461	6,857	-	-	-	-	-	6,857	
TENNESSEE	4,718	533	160	19	17	2	5,457	10,576	203	20	-	-	-	10,799	
TEXAS	36,454	1,268	139	16	21	7	37,905	18,485	32	17	-	-	-	18,534	
UTAH	2,855	110	53	7	5	6	3,036	4,262	15	-	-	-	-	4,277	
VERMONT	1,534	253	123	3	-	-	1,913	982	2	2	-	-	-	986	
VIRGINIA	7,996	1,578	593	8	35	-	10,210	2,356	26	18	-	-	-	2,400	
WASHINGTON	6,466	696	187	-	-	-	7,349	6,425	247	5	-	-	-	6,677	
WEST VIRGINIA 2/	4,087	1,854	399	-	1	15	6,356	2,142	15	-	-	-	-	2,157	
WISCONSIN	13,273	317	81	7	-	-	13,678	6,454	-	-	-	-	-	6,454	
WYOMING	2,421	44	15	-	-	-	2,480	7,397	11	14	-	-	-	7,422	
TOTAL	397,643	29,933	6,921	449	698	540	436,184	288,998	4,142	1,039	186	19	40	294,424	
PERCENT/SYSTEM	91.1	6.9	1.6	0.1	0.2	0.1	100.0	98.1	1.4	0.4	0.1	0.0	0.0	100.0	

VOLUME-SERVICE FLOW RATIO - URBAN - 1989 ¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61
SHEET 3 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

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	-	66	101	22	27	26	242	-	-	-	-	-	-	83	253	417	74	80	112	1,019				
ALASKA	2	10	23	3	9	3	50	-	-	-	-	-	-	9	13	30	8	12	33	105				
ARIZONA	19	40	24	7	9	28	127	-	-	-	-	-	-	175	218	365	56	52	80	946				
ARKANSAS	10	44	36	9	17	7	123	41	29	10	4	5	1	90	231	196	44	45	28	634				
CALIFORNIA	5	33	170	79	148	552	987	17	121	310	108	134	573	1,263	247	695	1,907	652	1,222	1,211	5,934			
COLORADO	10	27	38	6	19	48	148	11	47	41	9	28	16	152	105	174	408	75	94	109	965			
CONNECTICUT	1	15	33	31	33	120	233	7	38	89	17	18	22	191	9	101	275	63	82	180	710			
DELAWARE	-	-	13	3	14	11	41	1	-	-	-	-	-	1	3	4	17	15	13	83	135			
DIST. OF COL.	-	-	1	-	5	6	12	-	-	6	-	9	9	24	-	3	39	11	21	25	99			
FLORIDA	-	42	102	63	29	178	414	9	92	91	3	16	40	251	78	591	982	97	119	74	1,941			
GEORGIA	3	31	126	43	36	133	372	31	64	21	5	6	16	143	112	402	431	115	140	257	1,457			
HAWAII	3	1	13	-	-	17	34	1	11	16	4	7	18	57	-	15	41	10	16	11	93			
IDAHO	13	21	32	6	4	-	76	-	-	6	-	-	-	-	19	74	69	6	8	10	186			
ILLINOIS	48	123	100	38	68	147	524	17	33	6	-	2	36	94	115	325	618	154	277	520	2,009			
INDIANA	14	112	105	13	20	2	266	34	24	43	1	3	8	113	123	291	413	78	152	281	1,338			
IOWA	6	51	60	3	10	7	137	-	-	-	-	-	-	-	243	422	247	2	2	1	917			
KANSAS	30	36	51	4	18	20	159	22	29	29	2	5	2	89	70	135	314	9	32	12	572			
KENTUCKY	1	34	96	18	14	21	184	43	10	4	7	23	-	87	55	123	182	25	35	69	489			
LOUISIANA	18	28	70	2	32	37	187	3	11	7	1	-	4	26	385	401	166	27	17	2	998			
MAINE	7	16	24	-	3	3	53	6	6	5	1	-	1	19	23	48	64	19	32	31	217			
MARYLAND	3	3	31	10	34	143	224	7	37	62	14	39	37	196	60	141	261	60	156	210	888			
MASSACHUSETTS	5	4	115	63	70	137	394	8	59	103	14	36	55	275	38	215	538	81	331	642	1,845			
MICHIGAN	4	14	118	34	73	212	455	10	33	48	12	30	67	200	95	535	684	177	211	357	2,059			
MINNESOTA	8	22	97	2	45	44	217	1	5	52	11	23	42	134	98	178	170	21	33	81	581			
MISSISSIPPI	3	51	60	2	8	-	124	27	5	-	-	-	-	32	102	250	189	16	20	31	608			
MISSOURI	11	27	72	35	70	121	336	33	85	76	11	22	30	257	84	213	336	66	127	211	1,037			
MONTANA	22	25	-	-	-	-	47	-	-	-	-	-	-	-	32	66	48	11	5	9	171			
NEBRASKA	3	2	11	1	3	17	37	-	5	3	1	-	1	10	51	132	132	10	28	22	375			
NEVADA	7	3	15	3	14	4	46	16	4	11	3	1	1	36	36	43	78	4	1	10	172			
NEW HAMPSHIRE	-	7	16	8	4	9	44	-	5	15	1	4	9	34	1	33	67	18	17	52	188			
NEW JERSEY	-	15	54	29	48	126	272	16	31	116	6	20	82	271	30	126	584	47	233	318	1,338			
NEW MEXICO	39	29	9	-	6	11	94	-	-	-	-	-	-	-	150	182	105	11	5	1	454			
NEW YORK	4	51	196	67	57	270	645	66	129	152	35	70	290	742	162	374	553	137	284	887	2,397			
NORTH CAROLINA	-	-	60	25	26	115	228	11	72	79	7	9	32	210	172	539	590	71	117	240	1,729			
NORTH DAKOTA	26	11	3	-	-	-	40	-	-	-	-	-	-	-	49	53	36	5	4	8	155			
OHIO	7	51	317	73	71	200	719	95	160	62	7	17	23	364	432	413	462	100	215	528	2,150			
OKLAHOMA	12	79	60	11	13	32	207	69	48	37	11	18	4	187	445	265	66	1	2	4	783			
OREGON	14	17	33	6	19	43	132	2	10	21	2	2	18	55	37	113	270	41	52	45	558			
PENNSYLVANIA	-	55	206	28	46	79	414	92	149	95	10	20	16	382	226	580	794	197	355	663	2,815			
RHODE ISLAND	-	10	15	-	5	19	49	4	17	15	14	3	11	64	23	71	90	13	43	108	348			
SOUTH CAROLINA	2	7	24	20	4	60	117	6	6	10	2	-	10	34	50	156	267	81	33	100	687			
SOUTH DAKOTA	-	21	20	2	3	-	46	1	-	1	-	-	1	3	38	56	40	5	13	19	171			
TENNESSEE	1	47	67	40	51	75	281	-	-	-	-	-	-	-	50	307	511	149	130	171	1,318			
TEXAS	67	136	271	88	181	207	950	55	184	273	66	43	186	807	669	1,025	1,021	269	264	626	3,874			
UTAH	11	9	47	34	23	22	146	2	5	2	-	-	4	13	26	76	72	18	23	32	247			
VERMONT	6	19	10	-	-	-	35	3	3	3	2	-	4	15	1	32	39	6	10	21	109			
VIRGINIA	4	9	92	21	43	129	298	33	16	31	34	7	57	178	61	256	347	67	118	157	1,006			
WASHINGTON	14	53	53	23	48	52	243	24	54	66	2	30	21	197	273	330	378	63	85	132	1,261			
WEST VIRGINIA 2/	2	37	31	5	7	8	90	12	42	20	-	1	-	75	34	70	83	3	8	16	214			
WISCONSIN	-	19	36	-	31	34	124	24	47	57	16	9	-	165	142	355	339	48	40	102	1,026			
WYOMING	44	6	-	-	-	-	50	3	-	-	-	-	-	3	79	41	32	4	3	2	161			
TOTAL	509	1,569	3,356	984	1,518	3,535	11,471	863	1,731	2,109	447	667	1,765	7,582	5,690	11,745	16,363	3,340	5,417	8,934	51,489			
PERCENT/SYSTEM	4.4	13.7	29.3	8.6	13.2	30.8	100.0	1.4	22.8	27.8	5.9	8.8	23.3	100.0	11.1	22.8	31.7	6.5	10.5	17.4	100.0			

VOLUME-SERVICE FLOW RATIO - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-61
 SHEET 4 OF 4
 SEPTEMBER 1990

STATE	MINOR ARTERIAL							COLLECTOR						
	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	
ALABAMA	687	505	265	48	58	48	1,611	1,141	325	164	29	44	13	1,716
ALASKA	42	27	5			8	82	119					3	155
ARIZONA	427	297	212	32	30	19	1,017	1,428	28	74	15	2	3	1,739
ARKANSAS	426	280	165	41	30	49	991	715	183	99	4	3	53	1,006
CALIFORNIA	1,053	2,021	2,879	576	666	1,093	8,288	2,756	2,456	1,673	324	329	185	7,723
COLORADO	469	354	254	32	17	18	1,144	780	252	93	3	10	10	1,148
CONNECTICUT	190	273	227	33	112	113	948	1,146	517	147	47	18	42	1,917
DELAWARE	5	10	26	6	10	75	132	28	31	36	8	24	44	171
DIST. OF COL.		10	75	11	32	24	152	25	54	38	12	16	11	156
FLORIDA	328	643	873	101	220	251	2,416	1,328	1,123	38	274	360	558	4,771
GEORGIA	700	527	480	40	133	233	2,113	1,259	299	221	10	8	18	1,815
HAWAII	6	25	41	16	13	16	117	29	42	73	9	19	9	181
IDAHO	139	91	104	11	3	27	375	287	67	24	8	2	5	393
ILLINOIS	530	710	908	264	402	723	3,537	1,331	671	594	214	299	189	3,298
INDIANA	751	514	526	106	94	290	2,281	1,277	332	206	13	56	69	1,953
IOWA	431	596	222	15	21	3	1,288	661	292	78	3	10	3	1,047
KANSAS	218	172	520	33	10	40	993	431	157	167	19	1	4	779
KENTUCKY	232	374	209	31	30	136	1,012	444	232	108	37	12	75	908
LOUISIANA	535	323	220	15	9	2	1,104	888	224	13		12		1,137
MAINE	32	99	102	13	24	26	296	230	119	35	2	3	3	392
MARYLAND	220	213	275	62	54	121	955	664	215	154	101	13	26	1,173
MASSACHUSETTS	45	711	1,223	70	238	132	2,419	355	1,056	1,104	129	69	12	2,725
MICHIGAN	1,229	830	821	182	287	351	3,680	1,998	415	284	22	27	105	2,851
MINNESOTA	354	443	395	53	130	142	1,517	952	502	262	24	25	80	1,845
MISSISSIPPI	280	238	92	22	37	12	681	473	198	74	2	5	6	768
MISSOURI	382	520	624	18	19	60	1,623	918	303	180	12	38	29	1,480
MONTANA	115	43	41	4	5	3	211	124	60	36	4	1	3	228
NEBRASKA	145	187	126	12	32	35	537	198	114	69	6	14	4	405
NEVADA	164	97	55	1	15	8	340	331	61	31	3		6	432
NEW HAMPSHIRE	98	106	81	17	21	32	355	248	38	25	2		13	339
NEW JERSEY	621	595	524	192	349	584	2,865	1,063	341	275	35	124	70	1,908
NEW MEXICO	196	104	37	1			338	231	48	23				302
NEW YORK	581	1,004	867	220	423	1,055	4,150	2,044	989	442	114	147	209	3,945
NORTH CAROLINA	618	662	535	91	49	237	2,192	918	209	172	25	13	31	1,368
NORTH DAKOTA	126	80	38	4	15	1	264	146	45	27	4	6		228
OHIO	1,025	707	371	97	121	468	2,789	1,984	733	702	53	132	520	4,124
OKLAHOMA	1,649	168	41			3	1,861	1,181	21	2				1,204
OREGON	250	230	306	48	24	53	911	645	232	161	27	8	26	1,099
PENNSYLVANIA	657	763	670	265	157	322	2,834	1,353	670	728	82	152	200	3,185
RHODE ISLAND	42	52	78	18	35	66	291	315	86	65	13	8	12	499
SOUTH CAROLINA	273	258	215	31	53	63	893	844	136	80	31	20	48	1,159
SOUTH DAKOTA	156	61	17	2	4	2	242	137	23	1				162
TENNESSEE	103	305	317	64	63	111	963	739	534	304	72	45	89	1,783
TEXAS	2,100	1,062	1,189	203	273	776	5,603	4,270	1,123	815	96	123	458	6,885
UTAH	126	114	128	14	26	21	429	314	67	70	6	8	11	476
VERMONT	22	34	40	10	5	18	129	80	45	40		11	2	178
VIRGINIA	321	541	417	76	128	146	1,629	971	261	114	24	1	32	1,403
WASHINGTON	786	353	337	70	83	78	1,707	1,411	192	112	22	12	29	1,778
WEST VIRGINIA 2/	110	150	43	1	8	16	328	304	68	19	1	1	7	400
WISCONSIN	752	511	271	47	52	272	1,905	1,183	157	56	10	11	11	1,428
WYOMING	172	31	2		1	2	208	297	22					319
TOTAL	20,919	19,024	18,489	3,319	4,611	8,384	74,746	42,994	16,536	11,394	1,954	2,261	3,335	78,474
PERCENT/SYSTEM	28.0	25.5	24.7	4.4	6.2	11.2	100.0	54.8	21.1	14.5	2.5	2.9	4.2	100.0

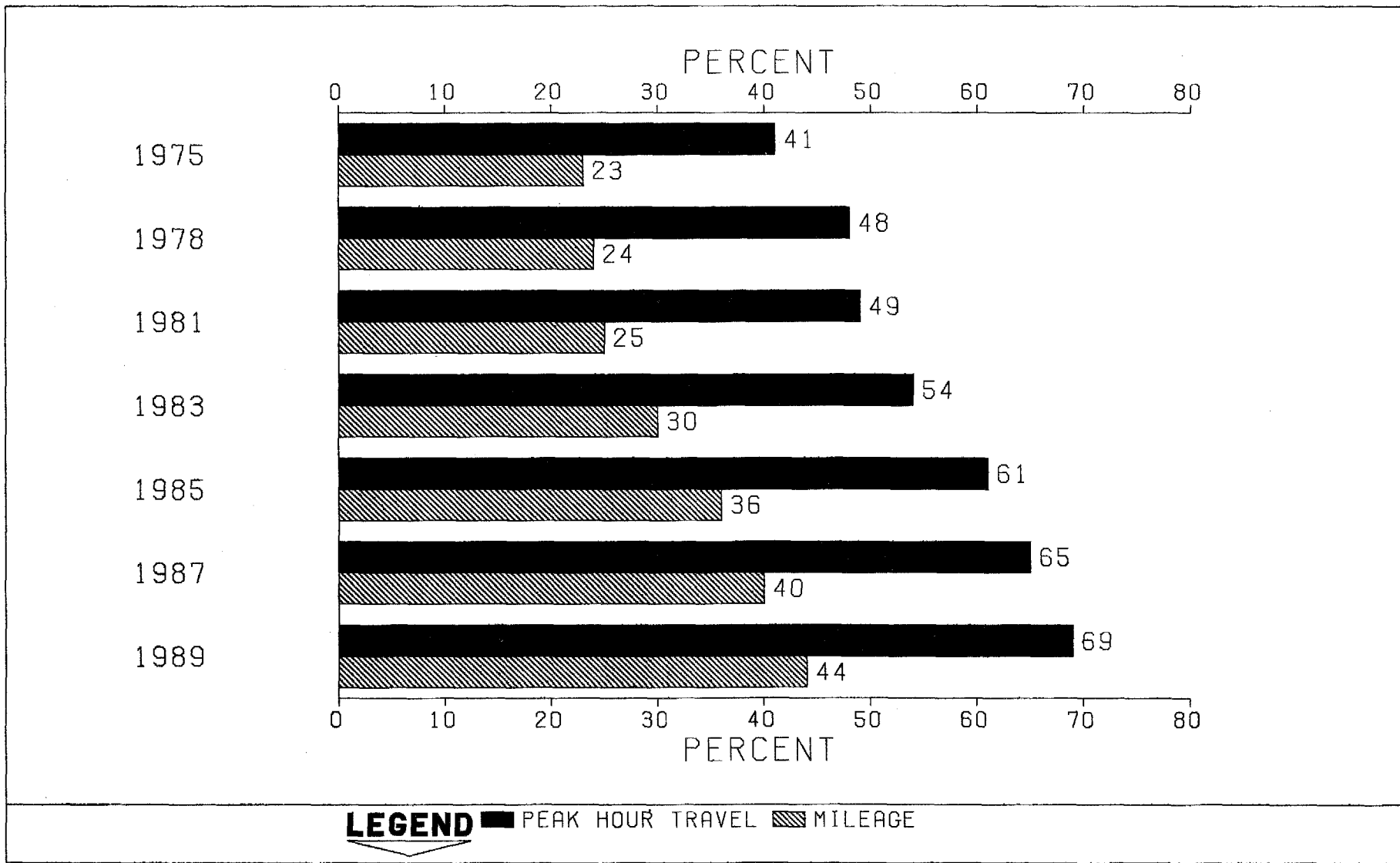
1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. PRIOR TO 1988, TABLE HM-61 WAS TITLED, "VOLUME-CAPACITY RATIO." THE NEW TITLE REFLECTS THE REVISED TERMINOLOGY OF THE "HIGHWAY CAPACITY MANUAL" PUBLISHED BY THE

TRANSPORTATION RESEARCH BOARD IN 1985.

2/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

URBAN INTERSTATE CONGESTION TRENDS

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



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

PAVEMENT CONDITION - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
 SHEET 1 OF 4
 SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
 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								
	PSR < 2.5	PSR 2.5	PSR 2.5	PSR 2.5	PSR 2.6-3.4	PSR 2.6-3.4	PSR 3.5-5.0	PSR 3.5-5.0															PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0
ALABAMA	-	274	1	53	48	276	279	-	1,039	-	18	543	1,449	-	1,992	31	-	1,699	2,159	-	3,689									
ALASKA	17	190	163	276	276	471	471	-	1,039	34	146	412	1,465	-	1,037	122	281	1,339	236	684	902									
ARIZONA	17	190	163	276	276	471	471	-	1,039	4	-	757	1,169	-	1,930	-	198	1,659	1,315	-	2,226									
ARKANSAS	-	17	-	135	267	-	267	-	419	-	-	-	-	-	1,930	-	-	-	1,315	-	3,166									
CALIFORNIA	89	35	-	473	819	-	819	-	1,416	-	-	1,064	1,874	-	2,938	9	20	2,952	3,615	-	6,596									
COLORADO	47	-	-	293	451	-	451	-	791	22	-	90	1,285	-	1,903	-	4	631	1,317	-	1,952									
CONNECTICUT	-	-	-	42	66	-	66	-	109	-	-	6	136	-	226	3	-	135	334	-	472									
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	44	103	-	153	-	24	58	100	-	182									
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
FLORIDA	71	-	-	256	655	-	655	-	982	69	6	1,023	1,503	-	2,601	51	7	1,331	2,106	-	3,495									
GEORGIA	92	-	-	186	569	-	569	-	873	110	32	766	1,798	-	2,706	335	293	1,776	3,472	-	5,876									
HAWAII	-	-	-	-	5	-	5	-	5	-	-	7	6	-	13	11	11	269	94	-	385									
IDAHO	130	48	-	140	212	-	212	-	530	198	76	527	832	-	1,633	267	54	415	290	-	1,026									
ILLINOIS	37	23	-	330	1,030	-	1,030	-	1,417	-	27	28	170	-	2,225	196	196	3,550	3,781	-	7,527									
INDIANA	28	23	-	27	773	-	773	-	851	-	34	333	716	-	1,083	-	23	1,115	1,989	-	3,127									
IOWA	37	8	-	182	418	-	418	-	645	-	47	2,152	944	-	3,143	-	245	3,127	1,527	-	4,924									
KANSAS	51	10	-	474	177	-	177	-	712	45	-	1,437	1,768	-	3,250	7	-	1,958	2,498	-	4,463									
KENTUCKY	3	3	-	237	335	-	335	-	576	2	17	969	589	-	1,577	39	3	1,420	276	-	1,958									
LOUISIANA	-	-	-	158	489	-	489	-	653	30	7	504	538	-	1,078	50	4	1,422	603	-	1,579									
MAINE	-	-	-	144	145	-	145	-	313	70	10	313	343	-	736	89	6	517	496	-	1,088									
MARYLAND	6	-	-	5	158	-	158	-	159	3	-	55	441	-	499	42	-	317	784	-	1,143									
MASSACHUSETTS	2	7	-	53	108	-	108	-	170	-	-	122	244	-	499	10	-	550	209	-	769									
MICHIGAN	8	52	-	346	359	-	359	-	765	25	-	1,509	828	-	2,362	101	-	2,485	1,296	-	3,862									
MINNESOTA	46	-	-	390	252	-	252	-	688	6	-	1,837	1,517	-	3,360	63	-	3,429	1,832	-	5,924									
MISSISSIPPI	8	-	-	173	379	-	379	-	560	-	-	413	1,166	-	1,579	-	-	1,431	2,708	-	4,139									
MISSOURI	237	65	-	352	841	-	841	-	1,144	141	228	1,540	859	-	2,768	213	282	2,521	690	-	3,706									
MONTANA	157	-	-	432	555	-	555	-	841	350	26	682	1,044	-	2,102	617	96	1,442	1,120	36	3,311									
NEBRASKA	43	-	-	63	338	-	338	-	444	196	62	1,111	1,349	-	2,718	500	57	1,724	1,932	-	4,213									
NEVADA	110	49	-	293	47	-	47	-	499	27	3	521	60	-	611	91	71	984	31	-	1,177									
NEW HAMPSHIRE	17	21	-	143	-	-	-	-	181	-	7	271	41	-	319	3	18	483	160	-	664									
NEW JERSEY	11	11	-	126	81	-	81	-	126	-	-	157	279	-	279	37	-	431	232	-	663									
NEW MEXICO	3	7	-	460	436	-	436	-	906	3	-	784	430	-	1,217	-	92	1,556	461	-	2,146									
NEW YORK	-	6	-	192	640	-	640	-	855	-	-	876	913	-	1,789	97	24	2,033	2,472	-	4,626									
NORTH CAROLINA	-	-	-	171	443	-	443	-	620	44	4	226	1,765	-	2,059	43	44	1,795	1,669	-	2,051									
NORTH DAKOTA	1	-	-	189	340	-	340	-	530	40	6	1,087	74	-	1,207	-	78	3,793	385	-	4,197									
OHIO	23	35	-	319	470	-	470	-	847	-	-	834	838	-	1,672	-	-	1,459	1,850	-	3,309									
OKLAHOMA	16	58	-	160	547	-	547	-	723	40	-	1,008	831	-	1,879	205	-	1,766	1,249	-	3,220									
OREGON	59	28	-	293	218	-	218	-	599	77	455	617	1,122	-	2,271	100	564	951	950	-	2,565									
PENNSYLVANIA	75	33	-	532	515	-	515	-	1,155	35	35	901	816	-	1,787	53	3	4,136	1,780	-	5,972									
RHODE ISLAND	5	5	-	11	11	-	11	-	21	9	4	30	31	-	74	15	3	41	33	-	92									
SOUTH CAROLINA	50	4	-	123	496	-	496	-	673	22	-	574	921	-	1,517	-	7	1,715	1,718	-	3,440									
SOUTH DAKOTA	-	-	-	44	587	-	587	-	631	77	30	743	1,467	-	2,317	157	44	1,944	1,242	-	3,367									
TENNESSEE	31	11	-	154	585	-	585	-	781	30	130	307	584	-	1,051	116	284	1,677	2,086	-	4,163									
TEXAS	26	59	-	692	1,501	-	1,501	-	2,278	123	-	3,832	3,949	-	7,904	171	30	3,183	3,535	-	6,919									
UTAH	-	12	-	244	522	-	522	-	778	1	-	401	280	-	682	-	24	1,160	679	-	1,863									
VERMONT	28	36	-	174	56	-	56	-	286	1	3	99	186	-	289	-	37	291	420	-	748									
VIRGINIA	106	36	-	171	451	-	451	-	771	103	7	419	940	-	1,509	-	67	814	2,627	-	3,542									
WASHINGTON	1	-	-	112	406	-	406	-	519	-	7	539	1,250	-	1,796	-	6	976	1,595	-	2,577									
WEST VIRGINIA 2/	7	6	-	253	163	-	163	-	429	-	25	352	141	-	518	83	55	1,145	434	-	1,717									
WISCONSIN	105	-	-	70	341	-	341	-	516	126	19	1,529	1,597	-	3,271	238	62	2,318	2,457	-	5,075									
WYOMING	-	-	-	314	550	-	550	-	864	4	-	283	736	-	1,023	-	24	832	1,238	-	2,094									
TOTAL	2,203	845	-	10,841	19,489	-	19,489	-	33,378	2,085	1,500	35,238	42,128	-	80,951	4,016	3,349	72,889	66,966	107	147,327									
PERCENT/SYSTEM	6.7	2.6	-	32.5	58.2	-	58.2	-	100.0	2.6	1.9	43.6	51.9	-	100.0	2.8	2.3	49.3	45.5	0.1	100.0									

PAVEMENT CONDITION - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-63
SHEET 2 OF 4
SEPTEMBER 1990

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	689	1,388	5,508	3,714	257	11,556	771	1,297	3,371	1,273	280	6,992
ALASKA	133	1	645	57	1,020	1,856	30	-	250	79	551	910
ARIZONA	258	759	882	1,094	670	3,663	260	182	601	618	1,474	3,135
ARKANSAS	176	1,293	7,707	1,968	1,272	12,416	754	139	1,157	414	4,102	6,566
CALIFORNIA	660	615	6,838	4,035	768	12,916	1,117	796	4,843	1,881	1,250	9,887
COLORADO	311	10	3,625	2,612	737	7,295	396	191	2,483	1,175	7,787	12,032
CONNECTICUT	22	14	450	474	-	960	30	38	602	461	5	1,136
DELAWARE	-	76	297	233	-	606	-	44	54	56	-	154
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	3,752	110	448	265	99	4,674	4,842	31	-	-	322	5,195
GEORGIA	1,071	337	6,837	5,422	354	14,021	771	284	2,309	2,547	1,365	7,276
HAWAII	45	24	292	97	-	458	21	-	74	18	-	113
IDAHO	957	307	1,815	684	1,133	4,896	528	-	822	186	2,359	3,895
ILLINOIS	-	289	5,173	7,994	819	14,275	-	177	1,265	1,307	831	3,580
INDIANA	17	348	4,875	4,467	-	9,707	1,408	1,502	4,289	1,962	1,187	10,348
IOWA	-	192	1,822	10,128	1,393	13,535	-	89	399	3,825	12,083	16,396
KANSAS	1,392	1,076	4,312	4,029	11,871	22,680	121	107	413	143	8,538	9,322
KENTUCKY	385	110	6,407	450	-	7,352	1,528	253	7,435	28	28	9,272
LOUISIANA	673	61	2,890	3,729	-	7,353	785	64	1,866	1,332	238	4,305
MAINE	385	93	1,591	1,209	-	3,278	364	74	1,095	641	81	2,255
MARYLAND	124	28	674	1,080	-	1,906	63	72	818	910	30	1,893
MASSACHUSETTS	285	12	1,195	478	37	2,007	442	45	925	280	259	1,951
MICHIGAN	1,175	959	7,138	5,982	1,911	17,165	645	359	3,357	1,602	1,569	7,532
MINNESOTA	3	275	7,613	7,124	1,621	16,636	17	6	3,072	4,159	4,616	11,870
MISSISSIPPI	3,760	-	4,323	2,904	727	11,714	974	-	738	537	677	2,926
MISSOURI	703	156	12,640	4,601	-	18,100	247	493	4,314	376	-	5,430
MONTANA	635	-	984	2,200	2,849	6,668	21	-	216	488	8,660	9,385
NEBRASKA	562	478	2,789	3,041	4,579	11,449	269	20	447	235	8,264	9,235
NEVADA	97	229	1,711	242	51	2,330	5	48	1,143	-	1,254	2,450
NEW HAMPSHIRE	89	86	992	68	-	1,235	634	66	508	16	2	1,226
NEW JERSEY	130	18	912	710	-	1,770	64	88	477	611	1	1,241
NEW MEXICO	256	114	3,512	295	308	4,485	159	140	1,920	12	229	2,460
NEW YORK	-	40	2,876	3,381	-	6,297	17	570	4,968	5,173	66	10,794
NORTH CAROLINA	86	130	1,443	8,821	-	10,480	526	288	1,623	6,621	-	9,058
NORTH DAKOTA	-	80	4,670	1,712	4,645	11,107	-	-	285	111	7,096	7,492
OHIO	49	421	5,923	5,307	-	11,700	669	616	4,545	662	696	7,188
OKLAHOMA	46	1,072	9,346	5,512	5,438	21,414	-	52	423	228	2,386	3,089
OREGON	136	957	3,027	4,857	669	9,646	-	264	1,602	1,988	3,458	7,312
PENNSYLVANIA	748	159	5,686	988	420	8,001	2,932	738	4,535	167	30	8,402
RHODE ISLAND	50	37	72	42	-	201	35	44	58	18	-	153
SOUTH CAROLINA	92	14	4,191	4,234	-	8,531	227	72	2,099	1,514	93	4,005
SOUTH DAKOTA	1,099	167	3,303	2,475	4,417	11,461	167	-	532	203	5,955	6,857
TENNESSEE	1,570	673	1,471	1,743	-	5,457	167	102	3,313	6,568	649	10,799
TEXAS	1,361	87	24,786	11,671	-	37,905	1,224	28	13,738	3,481	63	18,534
UTAH	20	57	1,493	1,042	424	3,036	132	54	611	534	2,946	4,277
VERMONT	85	-	947	815	66	1,913	25	39	381	148	393	986
VIRGINIA	838	549	3,765	5,058	-	10,210	90	174	1,446	690	-	2,400
WASHINGTON	52	-	4,255	2,558	484	7,349	278	38	3,763	1,377	1,221	6,677
WEST VIRGINIA 2/ WISCONSIN	786	238	4,206	1,126	-	6,356	633	343	921	138	122	2,157
WYOMING	770	672	7,043	5,193	-	13,678	481	230	2,903	2,636	204	6,454
TOTAL	26,533	14,811	196,456	149,264	49,120	436,184	25,017	10,518	99,756	59,776	99,357	294,424
PERCENT/SYSTEM	6.1	3.4	45.0	34.2	11.3	100.0	8.5	3.6	33.9	20.3	33.7	100.0

PAVEMENT CONDITION - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
SHEET 3 OF 4
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						TOTAL
	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						242													
ALASKA	11	1	39	203		150													
ARIZONA	16	4	33	86		127													
ARKANSAS	6	4	33	80		123													
CALIFORNIA	40	6	527	414		987													
COLORADO	19	5	44	80		148													
CONNECTICUT	2	1	51	179		233													
DELAWARE			1	40		41													
DIST. OF COL.	2	1	6	3		12													
FLORIDA	7	4	115	288		414													
GEORGIA	28		53	291		372													
HAWAII			22	12		34													
IDAHO	7	1	4	64		76													
ILLINOIS	10	6	105	403		524													
INDIANA	2	5	51	208		266													
IOWA	13		78	46		137													
KANSAS	15	8	87	49		159													
KENTUCKY	27	9	91	57		184													
LOUISIANA	4	1	37	139		187													
MAINE	1	7	22	29		53													
MARYLAND	10	2	20	192		224													
MASSACHUSETTS	5		125	264		394													
MICHIGAN	6	64	144	241		455													
MINNESOTA	9		112	102		217													
MISSISSIPPI	3	2	58	61		124													
MISSOURI	157	35	111	339		336													
MONTANA	9		15	29		47													
NEBRASKA	1		12	23		37													
NEVADA	22	4	15	5		46													
NEW HAMPSHIRE	1	5	38			44													
NEW JERSEY	30	14	84	144		272													
NEW MEXICO	2	1	61	30		94													
NEW YORK	14	54	203	374		645													
NORTH CAROLINA			81	145		225													
NORTH DAKOTA			27	13		40													
OHIO	81	45	325	268		719													
OKLAHOMA	7		35	165		207													
OREGON	16	9	40	67		132													
PENNSYLVANIA	10	4	200	200		414													
RHODE ISLAND	10	2		37		49													
SOUTH CAROLINA	4	1	30	82		117													
SOUTH DAKOTA			3	43		46													
TENNESSEE	49	6	73	163		281													
TEXAS	39	20	280	611		950													
UTAH			30	116		146													
VERMONT	1	3	24	7		35													
VIRGINIA	40	3	61	194		298													
WASHINGTON	6	4	81	153		243													
WEST VIRGINIA 2/	8	1	13	69		90													
WISCONSIN	13	2	44	66		124													
WYOMING	2		18	30		50													
TOTAL	752	350	3,766	6,603		11,471	100	96	3,379	4,007		7,582	1,723	1,471	26,308	21,956	31	51,489	
PERCENT/SYSTEM	6.6	3.1	32.9	57.4		100.0	1.4	1.3	44.6	52.7		100.0	3.4	2.9	50.9	42.7	0.1	100.0	

PAVEMENT CONDITION - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-63
SHEET 4 OF 4
SEPTEMBER 1990

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	18	68	848	677	-	1,611	104	113	823	676	-	1,716
ALASKA	3	-	77	2	-	82	13	16	71	18	37	155
ARIZONA	52	76	421	462	6	1,017	105	291	655	599	89	1,739
ARKANSAS	30	61	553	319	28	991	43	104	559	247	53	1,006
CALIFORNIA	508	468	4,928	2,373	13	8,288	868	290	4,539	2,017	9	7,723
COLORADO	111	18	694	293	28	1,144	175	14	609	289	61	1,148
CONNECTICUT	11	30	327	580	-	948	21	74	636	1,182	4	1,917
DELAWARE	-	6	105	21	-	132	-	21	113	37	-	171
DIST. OF COL.	7	5	76	64	-	152	8	7	87	54	-	156
FLORIDA	1,059	23	516	818	-	2,416	4,629	11	13	54	64	4,771
GEORGIA	204	23	717	1,163	6	2,113	159	41	736	864	15	1,815
HAWAII	4	10	64	39	-	117	8	14	102	57	-	181
IDAHO	16	5	117	237	-	375	24	13	78	273	5	393
ILLINOIS	-	91	1,867	1,532	47	3,537	-	271	1,692	1,309	26	3,298
INDIANA	70	154	988	1,059	10	2,281	86	192	822	824	29	1,953
IOWA	-	19	45	1,173	51	1,288	-	49	41	822	135	1,047
KANSAS	48	202	370	363	10	993	78	124	325	214	38	779
KENTUCKY	78	21	854	59	-	1,012	209	31	661	6	1	908
LOUISIANA	212	23	395	474	-	1,104	342	33	379	383	-	1,137
MAINE	22	14	120	140	-	296	25	3	177	186	1	392
MARYLAND	11	26	299	619	-	955	33	35	385	720	-	1,173
MASSACHUSETTS	99	18	1,890	412	-	2,419	215	28	2,128	339	15	2,725
MICHIGAN	172	123	1,389	1,960	36	3,680	155	100	1,016	1,448	132	2,851
MINNESOTA	57	35	953	465	7	1,517	225	30	1,011	541	38	1,845
MISSISSIPPI	105	-	266	309	1	681	66	-	303	361	28	758
MISSOURI	160	96	902	465	-	1,623	355	29	802	208	86	1,480
MONTANA	33	24	141	9	4	211	21	15	161	27	4	228
NEBRASKA	26	11	304	186	10	537	5	7	256	128	9	405
NEVADA	27	10	277	26	-	340	24	37	365	5	1	432
NEW HAMPSHIRE	55	15	239	52	-	355	118	11	194	16	-	339
NEW JERSEY	36	437	1,350	1,042	-	2,865	192	140	1,241	334	1	1,908
NEW MEXICO	29	8	276	22	3	336	23	15	261	-	3	302
NEW YORK	-	6	1,206	2,938	-	4,150	-	30	1,277	2,638	-	3,945
NORTH CAROLINA	50	12	551	1,577	2	2,192	273	27	409	650	9	1,368
NORTH DAKOTA	7	4	204	26	23	264	20	4	159	24	21	228
OHIO	80	42	1,983	683	1	2,789	55	259	3,362	448	-	4,124
OKLAHOMA	-	87	676	1,047	51	1,861	-	71	375	725	33	1,204
OREGON	5	52	356	496	2	911	20	100	421	555	3	1,099
PENNSYLVANIA	140	123	2,089	471	11	2,834	457	141	2,005	564	18	3,185
RHODE ISLAND	15	34	131	111	-	291	48	106	246	99	-	499
SOUTH CAROLINA	10	-	501	379	3	893	14	9	700	430	6	1,159
SOUTH DAKOTA	20	13	135	53	21	242	14	8	82	47	11	162
TENNESSEE	4	71	408	480	-	963	74	3	1,024	682	-	1,783
TEXAS	319	42	3,350	1,885	7	5,603	910	39	4,479	1,412	45	6,885
UTAH	1	2	291	134	1	429	3	1	305	166	1	476
VERMONT	-	3	87	37	2	129	-	9	107	62	-	178
VIRGINIA	80	32	501	1,016	-	1,629	34	72	581	716	-	1,403
WASHINGTON	23	16	936	723	9	1,707	22	36	1,155	547	18	1,778
WEST VIRGINIA 2/	20	12	230	65	1	328	59	30	253	58	-	400
WISCONSIN	117	87	911	790	-	1,905	262	75	669	409	13	1,428
WYOMING	-	12	115	73	8	208	7	2	217	62	31	319
TOTAL	4,152	2,770	37,023	30,399	402	74,746	10,601	3,181	39,067	24,532	1,093	78,474
PERCENT/SYSTEM	5.6	3.8	49.4	40.7	0.5	100.0	13.6	4.1	49.6	31.3	1.4	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 "ASHO 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/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE OR INCOMPLETE).

MEASURED PAVEMENT ROUGHNESS - RURAL - 1989¹MILEAGE BY FUNCTIONAL SYSTEM²MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-64
SHEET 1 OF 3
SEPTEMBER 1990

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	-	138	132	200	65	38	32	35	640
ALASKA	78	-	1	1	62	291	490	116	961
ARIZONA	-	19	466	350	174	26	4	-	1,039
ARKANSAS	-	-	26	177	102	72	42	-	419
CALIFORNIA	-	13	196	303	533	142	196	33	1,416
COLORADO	-	10	14	218	239	217	87	6	791
CONNECTICUT	1	-	-	16	43	11	31	7	108
DELAWARE	-	-	-	-	-	-	-	-	-
DIST. OF COL. 5/	-	-	-	-	-	-	-	-	-
FLORIDA 5/	-	-	-	-	-	-	-	-	-
GEORGIA	-	188	434	213	38	-	-	-	873
HAWAII	-	-	-	-	-	-	5	-	5
IDAHO	500	-	-	1	4	10	15	-	30
ILLINOIS 5/	-	-	-	-	-	-	-	-	-
INDIANA 5/	-	-	-	-	-	-	-	-	-
IOWA 5/	-	-	-	-	-	-	-	-	-
KANSAS	197	11	163	126	115	48	52	-	515
KENTUCKY	-	21	177	135	111	119	15	1	579
LOUISIANA	653	-	-	-	-	-	-	-	-
MAINE 5/	-	-	-	-	-	-	-	-	-
MARYLAND	24	4	30	36	25	11	23	16	145
MASSACHUSETTS	-	-	23	72	54	18	3	-	170
MICHIGAN	25	32	176	207	192	75	56	2	740
MINNESOTA	-	-	25	48	246	181	142	46	688
MISSISSIPPI	-	-	86	112	117	107	113	25	560
MISSOURI 5/	-	-	-	-	-	-	-	-	-
MONTANA	-	486	319	268	33	22	16	-	1,144
NEBRASKA	-	-	102	168	96	67	11	-	444
NEVADA	-	-	-	40	362	41	56	-	499
NEW HAMPSHIRE	-	-	78	80	12	-	5	6	181
NEW JERSEY	17	-	-	-	53	26	25	5	109
NEW MEXICO	-	402	310	163	28	3	-	-	906
NEW YORK	-	60	259	392	76	24	31	13	855
NORTH CAROLINA	34	-	17	187	125	155	74	28	586
NORTH DAKOTA	-	-	18	123	238	88	62	1	530
OHIO	200	29	216	144	170	54	34	-	647
OKLAHOMA	276	92	153	86	37	56	23	-	447
OREGON	-	29	157	331	66	9	3	-	595
PENNSYLVANIA	-	-	14	193	342	222	270	114	1,155
RHODE ISLAND 5/	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	-	294	269	44	30	36	-	-	673
SOUTH DAKOTA	22	-	8	111	160	239	91	-	609
TENNESSEE	-	505	225	50	1	-	-	-	781
TEXAS 5/	-	-	-	-	-	-	-	-	-
UTAH	-	2	-	10	330	298	138	-	778
VERMONT	-	-	-	247	28	11	-	-	286
VIRGINIA	-	9	339	323	28	21	51	-	771
WASHINGTON	-	-	18	310	99	59	33	-	519
WEST VIRGINIA 5/	-	-	-	-	-	-	-	-	-
WISCONSIN 5/	-	-	-	-	-	-	-	-	-
WYOMING	1	-	61	117	234	250	173	28	863
TOTAL 5/	2,028	2,344	4,512	5,602	4,668	3,047	2,402	482	23,057
PERCENT/SYSTEM REPORTED	-	10.2	19.6	24.3	20.2	13.2	10.4	2.1	100.0

MEASURED PAVEMENT ROUGHNESS - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM²

TABLE HM-64
SHEET 2 OF 3
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

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	-	54	273	681	655	218	110	1	1,992	-	24	472	1,043	1,158	813	316	63	3,889
ALASKA	50	-	-	-	-	-	-	3	3	180	-	-	133	59	156	281	63	722
ARIZONA	-	-	297	431	162	49	68	10	1,037	-	18	280	517	600	422	247	142	2,226
ARKANSAS	90	71	570	658	295	149	62	35	1,840	33	1	976	1,252	737	138	27	2	3,133
CALIFORNIA	-	33	366	829	1,234	265	211	-	2,938	-	56	261	1,677	3,125	577	872	28	6,596
COLORADO	-	-	5	363	761	487	284	3	1,903	-	-	-	405	852	487	193	9	1,952
CONNECTICUT	-	-	-	11	33	57	107	18	226	-	-	-	-	44	69	221	138	472
DELAWARE	-	11	14	33	11	49	32	3	153	-	-	82	34	20	2	27	17	182
DIST. OF COL. 5/ FLORIDA 5/ GEORGIA 5/ HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	921	1,519	238	28	3	10	-	2,706	5,876	-	-	-	-	-	7	18	25
IDAHO	1,374	-	-	36	44	75	92	12	259	956	-	-	2	4	-	64	-	70
ILLINOIS 5/ INDIANA 5/ IOWA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	10	926	991	746	345	131	96	5	3,240	23	1,103	1,355	1,020	717	175	57	13	4,440
KENTUCKY	-	17	101	470	376	410	159	44	1,577	-	40	228	484	422	530	54	1,758	
LOUISIANA	769	-	21	32	89	90	63	15	310	798	-	50	100	161	135	130	205	781
MAINE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	104	4	116	170	31	22	25	27	395	38	-	22	558	384	62	43	36	1,105
MASSACHUSETTS	244	-	-	-	-	-	-	-	-	769	-	-	-	-	-	-	-	-
MICHIGAN	69	132	799	599	275	274	182	32	2,293	-	135	1,055	1,039	456	516	582	28	3,811
MINNESOTA	-	-	141	1,075	701	675	682	86	3,360	71	-	166	1,202	1,796	985	875	300	5,324
MISSISSIPPI	-	-	172	557	339	289	154	68	1,579	-	-	169	1,343	1,040	303	1,108	176	4,139
MISSOURI 5/ MONTANA 5/ NEBRASKA	-	170	704	618	351	211	48	-	2,102	36	68	713	989	1,024	351	130	-	3,275
	-	152	100	307	767	489	638	265	2,718	-	121	124	781	973	685	1,199	330	4,213
NEVADA	1	-	-	293	257	31	29	-	610	13	-	2	368	454	105	206	29	1,164
NEW HAMPSHIRE	-	9	149	106	34	14	7	-	319	-	21	349	177	49	34	18	16	664
NEW JERSEY	15	-	-	-	37	121	84	22	264	37	-	-	-	49	217	169	191	626
NEW MEXICO	-	424	368	250	157	13	6	-	1,217	-	445	523	455	424	160	139	-	2,146
NEW YORK	-	30	396	484	356	195	273	55	1,789	-	60	1,031	1,571	606	781	351	226	4,626
NORTH CAROLINA	1,023	-	59	429	319	172	53	4	1,036	1,530	-	-	142	293	52	30	4	521
NORTH DAKOTA	1,207	-	-	-	-	-	-	-	-	4,197	-	-	-	-	-	-	-	-
OHIO	1,042	25	222	203	81	84	15	-	630	3,178	-	11	-	35	85	-	-	131
OKLAHOMA	1,879	-	-	-	-	-	-	-	-	3,220	-	-	-	-	-	-	-	-
OREGON	-	42	328	529	601	532	222	17	2,271	-	-	149	550	603	667	470	126	2,565
PENNSYLVANIA	-	-	63	319	443	440	405	117	1,787	-	-	221	1,316	996	1,434	1,464	541	5,972
RHODE ISLAND 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	34	1	466	608	273	76	56	3	1,483	149	9	981	1,135	538	395	213	20	3,291
SOUTH DAKOTA	125	-	76	294	666	482	538	136	2,192	73	-	191	392	391	678	1,352	310	3,314
TENNESSEE	-	408	539	82	15	5	2	-	1,051	-	1,827	1,874	369	-	7	23	29	4,163
TEXAS 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	9	-	28	174	203	215	53	682	-	-	-	-	290	691	747	135	1,863
VERMONT	-	-	6	59	92	44	66	23	289	-	-	-	86	235	172	175	80	748
VIRGINIA	-	3	358	611	366	62	91	18	1,509	-	-	201	1,241	1,035	665	270	130	3,542
WASHINGTON	6	7	22	821	587	249	104	-	1,790	4	-	-	487	1,194	627	234	31	2,573
WEST VIRGINIA 5/ WISCONSIN 5/ WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	14	-	61	195	289	317	142	5	1,009	206	-	28	123	368	365	958	46	1,888
TOTAL 5/	8,056	3,449	9,301	13,165	11,244	6,983	5,350	1,080	50,572	21,747	3,888	11,326	20,735	21,238	13,433	13,734	3,556	87,910
PERCENT/SYSTEM REPORTED	-	6.8	18.4	26.1	22.2	13.8	10.6	2.1	100.0	-	4.4	12.9	23.6	24.2	15.3	15.6	4.0	100.0

MEASURED PAVEMENT ROUGHNESS - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM²

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-64
 SHEET 3 OF 3
 SEPTEMBER 1990

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 4/																	
	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	-	33	65	44	12	11	51	26	242	-	-	-	-	-	-	-	-	-
ALASKA	1	-	2	-	2	17	18	10	49	-	-	-	-	-	-	-	-	-
ARIZONA	-	-	20	61	16	10	12	8	127	-	-	-	-	19	7	3	-	29
ARKANSAS	10	-	12	42	26	26	7	-	113	-	-	35	17	14	22	10	5	103
CALIFORNIA	-	25	65	153	409	189	148	4	987	-	14	125	374	442	174	128	6	1,263
COLORADO	-	-	2	31	51	25	33	6	148	-	-	1	34	47	21	2	152	
CONNECTICUT	8	-	7	54	42	43	25	1	225	-	-	6	17	46	30	72	20	191
DELAWARE	-	1	16	10	5	4	4	1	41	-	-	-	-	-	1	-	-	1
DIST. OF COL. 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA	-	138	126	108	-	-	-	-	372	-	43	85	14	1	-	-	-	143
HAWAII	-	-	-	-	-	3	26	5	34	10	-	-	-	-	3	28	16	47
IDAHO	64	-	-	1	5	3	2	-	12	-	-	-	-	-	-	-	-	-
ILLINOIS 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	39	-	40	43	19	12	6	-	120	33	-	12	17	15	7	4	1	56
KENTUCKY	-	-	30	18	49	32	50	5	184	-	-	-	17	25	14	6	87	
LOUISIANA	187	-	-	-	-	-	-	-	-	14	1	1	1	-	3	1	5	12
MAINE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	39	1	43	64	31	27	14	5	185	26	-	16	42	47	35	13	17	170
MASSACHUSETTS	-	8	32	156	117	56	20	5	394	270	-	-	-	-	-	-	5	5
MICHIGAN	35	14	81	38	131	99	47	10	420	5	-	23	31	57	53	27	4	195
MINNESOTA	-	-	7	38	98	31	40	3	217	-	-	2	26	30	51	21	4	134
MISSISSIPPI	-	-	1	26	21	38	30	8	124	-	-	3	16	5	5	2	1	32
MISSOURI 5/	-	-	-	-	4	-	1	-	47	-	-	-	-	-	-	-	-	-
MONTANA	-	23	5	14	4	-	10	6	47	-	-	-	-	-	-	-	-	-
NEBRASKA	-	-	-	7	4	10	10	-	37	-	-	-	-	2	5	1	2	10
NEVADA	-	-	-	5	12	9	18	2	46	-	-	-	5	24	5	-	2	36
NEW HAMPSHIRE	-	-	18	25	-	-	1	-	44	-	-	-	-	4	-	-	-	34
NEW JERSEY	36	-	-	25	39	99	94	4	236	45	-	8	22	57	70	98	1	226
NEW MEXICO	-	29	33	24	7	1	-	-	94	-	-	-	-	-	-	-	-	-
NEW YORK	-	3	100	98	103	97	155	89	645	-	4	47	80	175	168	176	92	742
NORTH CAROLINA	24	-	-	37	64	39	49	13	202	90	-	5	31	26	20	30	8	120
NORTH DAKOTA	2	-	-	3	11	19	5	-	38	-	-	-	-	-	-	-	-	-
OHIO	167	2	127	148	106	95	59	15	552	170	-	57	38	35	30	30	4	194
OKLAHOMA	144	6	17	9	7	16	8	-	63	187	-	-	-	-	-	-	-	-
OREGON	-	-	20	22	35	91	23	1	132	-	-	7	20	15	12	1	-	55
PENNSYLVANIA	-	-	-	58	130	105	94	25	414	-	-	-	9	49	97	171	56	382
RHODE ISLAND 5/	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	11	42	48	11	3	2	-	-	106	-	1	7	16	8	2	-	-	34
SOUTH DAKOTA	2	-	-	-	9	13	19	3	44	-	-	-	-	-	-	2	-	2
TENNESSEE	-	60	135	52	19	9	4	2	281	1	-	-	-	-	-	-	-	-
TEXAS 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	1	29	40	66	10	146	-	-	-	-	2	7	3	1	13
VERMONT	-	-	-	22	13	-	-	-	35	-	-	-	-	10	2	3	-	15
VIRGINIA	-	-	43	68	94	67	16	10	298	-	-	19	49	69	22	14	5	178
WASHINGTON	-	-	5	96	60	55	26	1	243	17	-	9	56	70	34	9	2	180
WEST VIRGINIA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	50	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-
TOTAL 5/	819	385	1,102	1,587	1,796	1,326	1,199	302	7,697	871	63	468	932	1,294	937	882	285	4,841
PERCENT/SYSTEM REPORTED	-	5.0	14.3	20.6	23.4	17.2	15.6	9.9	100.0	-	1.3	9.7	19.3	26.6	19.4	18.2	5.5	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/ TOTALS ONLY REFLECT THOSE STATES REPORTING USABLE OR PARTIALLY USABLE DATA.

ESTIMATED LANE MILEAGE - 1989¹

BY FUNCTIONAL SYSTEM AND NON-INTERSTATE FEDERAL-AID PRIMARY

MILEAGE AS OF DECEMBER 31, 1989
COMPILED IN COOPERATION WITH STATE AUTHORITIES

TABLE HM-60
SEPTEMBER 1990

STATE	FUNCTIONAL SYSTEM												NON-INTERSTATE FEDERAL-AID PRIMARY			
	RURAL						URBAN						TOTAL ESTIMATED NON-LOCAL LANE MILEAGE	RURAL	URBAN	TOTAL ESTIMATED NON-INTERSTATE FEDERAL-AID PRIMARY LANE MILEAGE
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL				
ALABAMA	2,560	5,343	8,148	23,295	13,989	53,335	1,188	-	3,394	3,900	3,704	12,186	65,521	13,465	2,843	16,308
ALASKA	2,120	110	1,834	3,562	1,643	9,269	185	-	313	184	331	1,013	10,282	1,944	174	2,118
ARIZONA	4,166	2,205	4,624	7,681	6,275	24,951	625	172	3,591	2,959	3,775	11,122	36,073	6,829	911	7,740
ARKANSAS	1,689	4,297	6,366	24,776	12,693	49,821	576	387	1,786	2,142	2,019	6,910	56,731	9,939	1,479	11,418
CALIFORNIA	6,584	8,354	13,761	26,242	19,791	74,732	7,225	6,822	22,051	23,128	16,969	76,195	150,927	22,079	7,277	29,356
COLORADO	3,204	4,462	4,088	14,645	23,490	49,889	736	621	3,495	2,852	2,440	10,144	60,033	8,543	1,996	10,539
CONNECTICUT	481	650	950	1,920	2,275	6,276	1,312	769	1,840	2,047	3,934	9,902	16,178	1,600	1,856	3,456
DELAWARE	-	547	449	1,223	307	2,526	242	3	469	345	358	1,417	3,943	996	357	1,353
DIST. OF COL.	-	-	-	-	-	-	71	111	437	421	331	1,371	1,371	-	740	740
FLORIDA	4,144	7,778	7,547	9,383	10,420	39,272	2,169	1,129	7,991	7,777	10,684	29,750	69,022	14,133	8,656	22,789
GEORGIA	3,745	6,844	12,184	28,108	14,565	65,446	2,306	625	4,626	5,119	3,860	16,536	81,982	19,028	4,997	24,025
HAWAII	28	35	790	908	227	1,988	218	247	337	335	397	1,534	3,522	807	471	1,278
IDAHO	2,067	3,491	2,085	9,919	7,729	25,291	306	2	595	844	799	2,546	27,837	5,576	193	5,769
ILLINOIS	5,739	899	15,923	28,730	7,162	58,453	2,767	401	6,702	9,533	7,327	26,730	85,183	16,822	6,085	22,907
INDIANA	3,472	3,189	7,252	20,779	20,696	55,368	1,309	446	4,077	5,136	3,973	14,941	70,329	10,441	2,479	12,920
IOWA	2,619	7,027	10,067	27,216	32,865	79,794	629	-	2,923	3,137	2,309	8,998	88,792	17,094	2,266	19,360
KANSAS	2,862	7,169	9,085	45,445	18,675	83,236	752	357	1,544	2,169	1,601	6,423	89,659	16,254	1,112	17,366
KENTUCKY	2,380	4,680	3,659	14,769	18,544	44,032	916	333	1,542	2,336	1,852	6,979	51,011	8,338	1,539	9,877
LOUISIANA	2,632	2,684	3,596	14,821	8,632	32,365	926	269	3,000	3,062	2,696	9,953	42,318	6,223	1,731	7,954
MAINE	1,277	1,496	2,215	6,560	4,510	16,068	214	75	526	606	788	2,209	18,267	3,701	468	4,169
MARYLAND	815	1,923	2,449	3,859	3,792	12,838	1,396	823	3,321	2,442	2,564	10,546	23,384	4,368	2,272	6,640
MASSACHUSETTS	828	677	1,633	4,058	3,750	10,946	2,313	1,123	4,392	4,992	5,442	18,262	29,208	2,310	3,303	5,613
MICHIGAN	3,259	5,810	6,079	34,589	15,094	66,821	2,557	899	7,490	9,404	6,097	26,447	93,268	13,862	3,525	17,387
MINNESOTA	2,780	8,206	10,784	33,326	23,743	78,841	1,109	569	1,894	3,987	4,074	11,633	90,474	18,992	2,067	21,059
MISSISSIPPI	2,240	4,379	8,428	23,517	5,854	44,418	531	128	1,981	1,571	1,586	5,797	50,215	12,238	1,193	13,431
MISSOURI	3,381	6,642	7,450	36,271	10,860	64,604	1,895	962	3,284	4,068	3,032	13,241	77,845	14,092	1,899	15,991
MONTANA	4,576	4,321	6,661	13,333	18,396	47,287	188	-	523	471	460	1,642	48,929	10,863	332	11,195
NEBRASKA	1,776	5,645	8,472	22,903	18,465	57,261	169	37	1,228	1,260	842	3,536	60,797	14,117	849	14,966
NEVADA	1,996	1,396	2,369	4,685	4,913	15,359	223	120	705	1,016	1,038	3,102	18,461	3,765	261	4,026
NEW HAMPSHIRE	782	709	1,365	2,476	2,450	7,782	201	130	446	752	677	2,206	9,988	2,024	430	2,454
NEW JERSEY	673	968	1,594	3,627	2,487	9,349	1,771	1,281	4,359	6,103	3,870	17,384	26,733	2,053	2,587	4,640
NEW MEXICO	3,642	2,950	4,571	9,118	4,930	25,211	414	-	1,811	949	672	3,846	29,057	7,506	900	8,406
NEW YORK	3,557	4,839	9,720	12,594	21,588	52,298	3,348	3,375	7,709	9,963	8,057	32,452	84,760	14,559	7,178	21,737
NORTH CAROLINA	2,548	5,429	4,560	21,424	18,116	52,079	1,012	825	5,280	4,862	2,735	14,714	66,793	9,478	2,495	11,973
NORTH DAKOTA	2,120	3,136	8,397	22,214	14,984	50,851	160	487	4,487	579	455	1,681	52,532	11,506	432	11,938
OHIO	3,447	4,993	7,055	24,396	14,376	64,267	3,667	1,517	6,464	7,040	9,366	28,054	82,321	12,048	5,307	17,355
OKLAHOMA	2,892	4,938	6,842	43,017	6,174	63,863	989	819	2,537	4,480	2,575	11,400	75,263	10,871	1,535	12,406
OREGON	2,428	5,115	5,313	19,329	14,624	46,809	630	225	1,717	2,144	2,262	6,978	53,787	10,428	1,445	11,873
PENNSYLVANIA	4,632	5,310	12,605	16,167	16,817	55,531	1,871	1,527	8,424	6,389	6,485	24,696	80,227	17,915	6,819	24,734
RHODE ISLAND	64	204	216	426	306	1,236	301	217	974	670	1,000	3,162	4,398	404	903	1,307
SOUTH CAROLINA	2,705	4,155	7,585	17,241	8,012	39,678	542	138	2,466	2,370	2,449	7,965	47,643	11,699	2,585	14,284
SOUTH DAKOTA	2,524	5,163	6,891	22,920	13,716	51,214	184	14	570	514	326	1,608	52,822	12,054	795	12,849
TENNESSEE	3,179	2,731	8,905	11,001	21,314	47,130	1,366	-	4,603	2,611	3,851	12,431	59,561	11,627	3,175	14,802
TEXAS	9,158	22,233	15,352	77,307	37,100	161,150	5,253	3,781	14,357	15,764	15,034	54,189	215,339	37,585	7,729	45,314
UTAH	3,081	1,554	3,818	6,124	8,558	23,135	812	51	874	1,206	1,054	3,997	27,132	5,298	362	5,660
VERMONT	1,144	664	1,508	3,833	1,971	9,120	140	44	251	271	356	1,062	10,182	2,167	207	2,374
VIRGINIA	3,284	5,534	7,506	20,919	4,803	42,046	1,691	672	3,499	4,164	3,007	12,933	54,979	12,608	2,302	14,910
WASHINGTON	2,299	3,895	5,257	14,871	13,355	39,677	1,375	754	3,887	4,329	3,746	14,091	53,768	9,140	2,145	11,285
WEST VIRGINIA 2/	1,742	1,406	3,624	12,743	4,341	23,856	375	201	537	673	832	2,618	26,474	5,030	673	5,803
WISCONSIN	2,172	7,555	10,430	27,393	12,875	60,425	599	726	3,138	4,689	2,966	12,098	72,523	17,937	3,078	21,015
WYOMING	3,456	2,076	4,224	4,987	14,754	29,497	200	12	530	473	642	1,857	31,354	5,785	417	6,202
TOTAL	134,969	205,818	308,266	880,650	586,998	2,116,701	61,854	33,739	170,977	188,218	167,699	622,487	2,739,188	508,141	116,730	624,871

1/ AS ESTIMATED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) DATA BY FHWA. LOCAL FUNCTIONAL SYSTEM DATA NOT AVAILABLE.

2/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1989¹

COUNT BY FUNCTIONAL SYSTEM

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

TABLE HM-65
SEPTEMBER 1990

STATE	RURAL							URBAN							UN-CLASSIFIED ^{3/}	TOTAL BRIDGES
	INTERSTATE 2/	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR 2/	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE 2/	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL		
ALABAMA	571	887	1,445	3,058	2,777	4,570	13,308	537	5	557	267	154	599	2,119	10	15,437
ALASKA	129	90	39	272	56	98	684	21	2	46	17	2	28	116	1	801
ARIZONA	1,505	645	847	715	295	438	4,445	165	43	345	121	230	301	1,205	105	5,755
ARKANSAS	365	947	1,272	3,631	1,203	4,092	11,710	222	130	289	279	154	201	1,275	-	12,985
CALIFORNIA	1,723	2,487	2,286	5,095	937	1,155	13,683	1,815	1,582	1,225	2,513	26	1,424	8,585	154	22,422
COLORADO	669	549	448	734	123	335	5,877	306	192	384	324	146	283	1,635	1	7,513
CONNECTICUT	124	166	134	243	179	495	1,341	673	470	280	272	289	233	2,217	286	3,844
DELAWARE	-	49	32	85	25	201	392	91	-	104	56	61	34	346	-	738
DIST. OF COL.	-	-	-	-	-	-	-	70	28	92	23	11	13	237	-	237
FLORIDA	705	1,189	892	633	638	1,820	5,877	913	358	1,156	521	379	1,131	4,458	1	10,336
GEORGIA	618	800	1,674	2,880	797	4,831	11,600	516	105	578	509	405	491	2,604	1	14,205
HAWAII	8	11	185	154	31	83	472	82	102	92	29	21	64	390	182	1,044
IDAHO	345	266	166	700	197	1,631	3,305	87	1	73	69	53	131	414	-	3,719
ILLINOIS	1,047	192	2,479	3,883	780	12,900	21,281	1,037	105	847	1,013	615	1,037	4,288	3	25,572
INDIANA	1,010	408	870	2,631	2,128	7,348	14,395	813	249	506	502	464	596	3,130	-	17,525
IOWA	430	1,011	1,343	3,255	4,160	14,016	24,215	282	-	414	323	172	286	1,477	-	25,692
KANSAS	605	1,409	1,409	6,494	1,984	12,088	23,989	396	179	393	194	144	334	1,640	3	25,632
KENTUCKY	425	786	572	2,428	2,886	4,598	11,695	328	64	192	204	130	71	989	-	12,684
LOUISIANA	922	493	742	2,707	1,223	5,776	11,853	478	15	241	97	8	696	1,535	625	14,023
MAINE	179	144	193	502	243	927	2,188	93	17	84	82	68	46	390	8	2,586
MARYLAND	226	215	341	534	319	992	2,627	457	232	365	309	224	291	1,878	99	4,604
MASSACHUSETTS	290	170	169	325	67	900	1,921	750	411	533	456	301	488	2,939	115	4,975
MICHIGAN	410	450	581	2,316	3,087	7,446	14,446	732	242	638	584	581	426	3,183	5	10,634
MINNESOTA	289	624	847	2,073	1,420	5,865	11,118	404	68	313	474	349	315	1,923	-	13,041
MISSISSIPPI	560	981	1,266	7,060	949	5,103	15,919	197	24	220	141	78	423	1,083	11	17,013
MISSOURI	503	865	1,318	4,179	867	13,002	20,734	583	13	426	184	387	273	1,886	815	23,415
MONTANA	740	439	604	721	476	1,536	4,516	73	-	54	30	14	19	190	-	4,706
NEBRASKA	231	729	1,286	2,339	1,243	9,253	15,081	108	39	162	149	61	82	601	-	15,682
NEVADA	309	153	37	106	19	137	781	116	30	108	17	17	38	326	-	1,087
NEW HAMPSHIRE	266	152	190	292	210	1,014	2,124	103	60	75	88	53	65	444	2	2,570
NEW JERSEY	155	384	91	495	221	836	2,182	739	519	747	679	590	580	3,854	-	6,036
NEW MEXICO	707	667	411	283	335	471	2,874	232	30	96	51	70	95	574	-	3,448
NEW YORK	659	805	1,170	1,691	1,931	5,270	11,426	1,181	823	1,110	1,154	663	960	5,891	7	17,324
NORTH CAROLINA	458	757	430	2,288	1,894	7,445	13,272	352	304	683	516	173	638	2,866	163	16,301
NORTH DAKOTA	313	180	423	786	448	2,894	5,044	76	6	27	29	16	19	173	-	5,217
OHIO	980	1,074	1,171	4,342	3,667	12,034	23,268	1,260	676	861	989	1,078	1,090	5,954	-	29,222
OKLAHOMA	685	1,012	1,443	6,715	160	10,515	20,530	510	344	293	326	288	168	1,929	293	22,752
OREGON	490	705	847	1,273	1,859	404	5,578	276	193	176	98	223	49	1,015	4	6,597
PENNSYLVANIA	1,164	1,040	2,147	2,323	2,727	7,512	16,913	821	517	1,461	961	633	1,182	5,575	182	22,670
RHODE ISLAND	16	17	13	27	24	44	143	128	7	194	116	61	48	554	1	698
SOUTH CAROLINA	437	476	818	1,868	893	3,452	7,944	172	42	236	257	107	159	973	-	8,917
SOUTH DAKOTA	385	373	578	1,215	146	3,822	6,520	89	3	76	36	24	24	41	-	6,769
TENNESSEE	816	1,614	803	3,475	1,809	6,895	15,402	582	2	492	152	488	1,493	3,208	-	18,611
TEXAS	2,793	4,273	2,685	8,473	4,065	10,678	32,967	2,342	1,588	2,093	1,606	992	1,372	9,993	2,065	45,025
UTAH	446	150	202	262	120	676	1,856	319	6	86	65	41	231	748	-	2,604
VERMONT	275	93	271	518	181	1,163	2,501	38	11	22	32	39	20	162	-	2,663
VIRGINIA	823	616	985	2,516	596	4,797	10,333	646	134	395	615	225	380	2,395	2	12,730
WASHINGTON	346	551	486	1,185	810	1,790	5,168	529	8	597	230	150	148	1,660	128	6,956
WEST VIRGINIA	404	167	472	1,665	476	2,581	5,785	230	85	91	109	94	70	879	9	6,453
WISCONSIN	569	879	1,052	2,058	723	5,349	10,630	440	339	560	472	135	423	2,369	-	12,999
WYOMING	862	180	292	345	64	830	2,573	93	-	45	51	36	29	254	-	2,827
TOTAL	28,989	33,320	40,557	103,948	49,883	210,759	467,456	23,483	10,403	21,133	18,391	11,703	19,446	104,559	5,281	577,296
PERCENT - TOTAL	5.1	5.8	7.1	18.1	8.7	36.2	81.0	4.0	1.8	3.7	3.2	2.0	3.4	18.1	0.9	100.0

1/ DATA CONTAINS POSSIBLE ERRORS IN THE FUNCTIONAL SYSTEM CODE BASED ON REVIEW OF OTHER INCLUDED INFORMATION.
2/ INCLUDES A SMALL NUMBER OF BRIDGES WITH UNUSABLE FUNCTIONAL SYSTEM CODES. OTHER INCLUDED INFORMATION USED TO DETERMINE THE SYSTEM TYPE.

3/ FUNCTIONAL SYSTEM CODES NOT REPORTED OR UNUSABLE. SOME OF THE UNUSABLE CODES ARE DUE TO THE USE OF AN ALTERNATIVE CODING/REPORTING FORM FOR NON-FEDERAL-AID BRIDGES WHERE FUNCTIONAL SYSTEM CODES ARE NOT REQUIRED.

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1989

IN RURAL AREAS

BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-67
SHEET 1 OF 3
SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
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 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	1,225	8,334	11,425	3,720	24,704	6,546	15,902	936	-	23,384	523	11	-	-	534	48,622	
ALASKA	31	32	46	-	109	2,482	230	1,565	232	4,509	1,030	35	12	7	1,084	5,702	
ARIZONA	1,540	2,850	4,250	6,628	15,268	6,450	1,375	125	-	7,950	9,601	-	-	-	9,601	32,819	
ARKANSAS	1,422	2,950	1,214	539	6,125	21,575	9,406	392	46	31,419	7,224	194	6	1	7,425	44,969	
CALIFORNIA	6,801	13,874	5,441	1,088	27,204	7,383	2,531	422	211	10,547	18,067	1,405	401	201	20,074	57,825	
COLORADO	2,400	1,056	72	6	3,534	16,000	10,266	87	25	26,378	12,000	229	17	1	12,247	42,159	
CONNECTICUT	694	1,762	1,548	1,335	5,339	193	257	193	160	803	-	-	-	-	6,142	6,142	
DELAWARE	26	748	968	808	2,550	172	127	-	-	180	3	-	-	-	3	2,733	
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 1/	1,552	15,954	11,590	6,485	35,581	1,527	4,132	730	388	6,777	-	-	-	-	-	42,358	
GEORGIA	628	8,822	6,712	6,578	22,740	934	4,769	2,754	1,963	10,420	2,301	12,373	4,897	3,862	23,433	56,593	
HAWAII	159	435	783	100	1,477	68	123	-	-	191	21	-	-	-	21	1,689	
IDAHO	547	6,292	274	37	7,150	11,530	4,843	1	2	16,376	16,229	7,176	-	-	23,405	46,931	
ILLINOIS	3,064	21,744	8,444	4,109	37,361	19,196	19,390	831	155	39,572	-	-	-	-	-	78,933	
INDIANA	4,151	10,375	24,900	2,075	41,501	635	1,587	3,908	317	6,347	98	244	586	49	977	48,825	
IOWA	378	761	2,703	669	4,511	39,375	14,709	756	32	64,872	4,868	377	469	38	5,752	65,135	
KANSAS	846	2,075	1,278	670	4,869	42,906	11,315	580	178	54,979	23,016	876	2	-	23,894	83,742	
KENTUCKY	4,759	13,316	5,359	1,328	24,760	9,623	5,574	545	111	15,853	797	103	47	-	947	41,560	
LOUISIANA	3,948	6,661	3,684	1,718	18,011	7,612	5,854	609	101	14,176	866	231	21	3	1,121	31,308	
MAINE	1,390	2,632	2,419	1,381	7,762	2,700	1,398	232	19	4,349	-	-	-	-	-	12,111	
MARYLAND	1,087	4,465	2,165	1,403	9,120	432	872	93	192	1,589	14	-	-	-	14	10,723	
MASSACHUSETTS	-	1,920	3,200	-	5,120	-	1,554	1,203	-	2,757	-	119	64	-	183	8,060	
MICHIGAN	1,690	7,884	4,320	1,879	15,773	20,992	20,087	2,047	363	43,489	-	-	-	-	-	59,282	
MINNESOTA	402	2,275	1,898	897	5,472	37,045	26,786	4,117	537	68,485	2,574	1,008	35	6	3,623	77,580	
MISSISSIPPI	31	18,984	193	167	19,375	110	24,524	43	17	24,694	-	1	-	-	1	44,070	
MISSOURI	20	1,120	5,800	1,870	8,810	40,874	16,450	6,796	-	64,119	380	76	-	-	456	73,385	
MONTANA	913	1,116	427	692	3,148	26,216	4,590	633	158	31,597	11,737	-	-	-	11,737	46,482	
NEBRASKA	625	859	1,061	760	3,305	32,275	13,771	947	331	47,324	8,799	20	2	-	8,821	59,450	
NEVADA	348	588	610	165	1,711	32,569	433	-	-	33,002	-	-	-	-	-	34,713	
NEW HAMPSHIRE	914	2,430	1,671	295	5,310	2,666	873	14	-	3,452	-	-	-	-	-	8,762	
NEW JERSEY	724	1,448	3,983	1,086	7,241	69	257	140	-	466	5	-	-	-	5	7,712	
NEW MEXICO	5	1,619	869	-	2,493	106	4,792	1,894	-	6,792	505	21,886	6,477	-	28,868	38,153	
NEW YORK	11,356	7,702	4,933	7,540	31,531	6,519	5,577	3,572	-	15,668	1,703	-	-	-	1,703	48,902	
NORTH CAROLINA	100	22,136	14,082	5,704	42,022	2,247	1,361	48	11	3,657	2,409	2,664	106	29	5,208	50,897	
NORTH DAKOTA	122	466	781	47	1,416	45,621	817	174	-	48,612	12,009	9	-	-	12,018	60,046	
OHIO	5,601	17,400	11,005	5,842	39,748	2,359	7,440	4,569	2,241	16,609	151	473	290	139	1,053	57,410	
OKLAHOMA 2/	2,698	5,977	2,964	1,438	13,077	30,599	9,833	461	107	41,000	14,653	518	-	4	15,176	69,253	
OREGON	1,009	7,841	1,348	80	10,278	24,227	8,486	-	-	32,713	20,945	-	-	-	20,945	63,936	
PENNSYLVANIA	3,117	7,069	14,263	10,600	35,049	23,276	3,011	1,272	387	27,946	39	82	4	10	135	63,130	
RHODE ISLAND	171	44	19	7	241	375	94	38	14	521	130	33	12	6	181	943	
SOUTH CAROLINA	1,119	13,408	4,018	2,099	20,644	254	257	6	2	519	626	14,623	92	29	15,370	36,533	
SOUTH DAKOTA	880	934	466	155	2,225	38,861	4,089	128	15	43,093	1,651	-	-	-	1,651	46,969	
TENNESSEE	4,562	13,253	3,817	1,412	23,044	13,371	9,628	460	80	23,559	-	-	-	-	-	46,603	
TEXAS	5,098	11,447	11,337	1,512	29,334	35,488	17,172	6,108	160	58,928	44,963	8,422	1,751	46	55,182	143,504	
UTAH	1,300	1,181	588	434	3,503	8,357	2,197	373	203	11,130	10,888	1,087	139	47	12,161	28,794	
VERMONT	-	476	1,174	238	1,888	3,498	2,887	393	-	6,778	35	-	-	-	35	8,701	
VIRGINIA	2,521	11,014	6,257	1,997	21,789	5,292	5,859	213	32	11,396	573	38	-	-	611	33,796	
WASHINGTON	2,434	4,448	2,374	945	10,201	15,409	6,877	756	327	23,369	11,168	1,226	129	-	12,523	46,093	
WEST VIRGINIA	1,045	3,146	2,081	854	7,126	5,602	3,834	620	86	10,142	2,861	93	22	4	2,980	20,248	
WISCONSIN	20,848	15,204	4,203	807	40,862	21,991	2,713	276	14	24,994	595	-	2	-	597	66,453	
WYOMING	259	1,234	96	29	1,618	17,395	705	401	42	18,544	3,560	20	-	-	3,580	23,741	
TOTAL	106,000	309,761	205,103	90,226	711,090	690,901	321,495	52,380	9,259	1,074,035	249,617	75,652	15,587	4,479	345,335	2,130,460	
PERCENT - TYPE	14.9	43.6	28.8	12.7	100.0	64.3	29.9	4.9	0.9	100.0	72.3	21.9	4.5	1.3	100.0	-	
PERCENT - TOTAL	5.0	14.4	9.7	4.3	33.4	32.3	15.1	2.5	0.5	50.4	11.7	3.6	0.7	0.2	16.2	100.0	

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1989
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 1990

MILEAGE AS OF DECEMBER 31, 1989
 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
ALABAMA	191	949	1,103	173	2,416	162	41	-	-	203	7	-	-	-	7
ALASKA	11	177	64	5	257	81	172	-	-	319	-	-	-	-	-
ARIZONA	275	275	425	725	1,700	285	90	-	-	375	155	-	-	-	155
ARKANSAS	1,071	567	313	39	1,990	367	31	-	-	407	19	-	-	-	19
CALIFORNIA	1,476	2,657	1,476	295	5,904	262	144	22	9	437	128	43	4	-	171
COLORADO	150	307	350	90	897	30	50	2	14	119	3	8	-	15	
CONNECTICUT	81	86	62	17	246	2	2	-	-	5	-	-	-	5	
DELAWARE	-	4	136	3	143	1	-	-	-	1	-	-	-	1	
DIST. OF COL.	-	870	1,127	2,412	5,453	418	121	10	195	744	-	-	-	-	744
FLORIDA 1/	19	283	214	3,114	3,630	-	6	4	76	86	5	62	15	427	
GEORGIA	37	86	68	44	235	-	-	-	-	1	-	-	-	1	
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA	310	403	1,376	83	789	65	-	-	-	188	11	-	-	11	
ILLINOIS	1,194	1,340	1,137	159	3,754	188	33	80	7	133	3	8	20	33	
INDIANA	316	791	1,901	73	3,167	146	83	41	1	271	49	46	22	118	
INDIANA	334	807	1,960	73	3,167	146	83	41	1	271	49	46	22	118	
KANSAS	760	741	774	124	2,399	284	55	12	2	353	4	-	-	4	
KENTUCKY	1,036	559	268	40	1,925	80	2	-	-	82	-	-	-	82	
KENTUCKY	2,110	29	43	15	2,197	337	9	3	2	351	9	-	-	9	
LOUISIANA	189	139	139	14	524	17	3	-	-	21	-	-	-	21	
MARYLAND	244	327	159	37	777	-	10	6	-	16	3	-	-	3	
MASSACHUSETTS	24	558	485	7	1,147	5	95	56	-	146	-	-	-	146	
MICHIGAN	1,100	702	470	74	2,346	329	18	44	1	419	-	-	-	419	
MINNESOTA	25	75	1,538	45	1,787	55	18	509	2	584	-	-	-	584	
MONTANA	5	9	2,302	23	2,339	1	-	-	-	172	-	-	-	172	
MISSISSIPPI	1,712	629	16	27	2,399	66	20	-	-	156	20	-	-	20	
MISSOURI	45	213	958	27	1,643	123	50	-	-	143	3	-	-	146	
MONTANA	486	480	255	20	1,221	166	20	4	-	220	2	-	-	222	
NEBRASKA	-	-	294	-	294	11	17	-	-	28	-	-	-	28	
NEVADA	153	239	71	19	482	16	2	-	-	18	-	-	-	18	
NEW HAMPSHIRE	129	155	206	26	516	24	18	17	-	59	-	-	-	59	
NEW JERSEY	657	522	349	-	1,528	134	134	8	-	278	101	167	37	305	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK	741	993	700	290	2,434	17	60	-	-	77	27	-	-	27	
NORTH CAROLINA	2,061	819	957	8	4,127	93	3	-	-	96	37	-	-	39	
NORTH CAROLINA	1	21	379	8	409	60	53	1	-	114	18	-	-	118	
NORTH DAKOTA	112	409	738	1,943	3,202	12	43	78	198	331	1	-	-	332	
OHIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA 2/	1,086	775	544	97	2,602	365	48	12	1	426	71	-	-	71	
OREGON	445	540	408	-	1,393	211	211	-	-	211	69	-	-	69	
PENNSYLVANIA	462	816	721	360	2,359	230	15	9	3	257	-	-	-	257	
RHODE ISLAND	122	41	54	30	247	11	4	5	3	23	2	-	-	23	
SOUTH CAROLINA	218	249	77	61	1,527	1	-	-	-	1	161	-	-	162	
SOUTH CAROLINA	301	106	77	9	493	8	3	-	-	11	-	-	-	11	
SOUTH DAKOTA	1,163	862	596	136	2,746	93	20	3	-	116	-	-	-	116	
TENNESSEE	2,139	7,021	7,021	11	9,211	44	1,015	2,156	-	3,221	31	394	740	1,165	
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH	56	89	365	86	596	11	14	44	3	72	2	-	-	9	
VERMONT	140	134	34	55	329	55	10	-	-	65	-	-	-	65	
VIRGINIA	182	197	560	64	1,285	3	1	4	-	8	-	-	-	8	
WASHINGTON	691	405	226	43	1,353	50	8	3	-	61	6	-	-	66	
WEST VIRGINIA	397	182	110	52	751	61	5	1	-	67	4	-	-	71	
WISCONSIN	94	1,021	199	39	2,243	62	66	2	-	150	-	-	-	150	
WYOMING	217	186	56	4	465	124	9	2	-	135	-	-	-	135	
TOTAL	24,979	5,237	1,556	1,010	92,782	5,200	2,649	3,378	517	11,744	961	747	869	2,935	
PERCENT - TYPE	26.9	5.7	34.0	11.9	100.0	44.2	22.6	28.8	4.4	100.0	32.7	25.5	29.6	100.0	
PERCENT - TOTAL	23.3	23.5	29.3	10.3	86.4	4.8	2.5	3.1	0.5	10.9	0.9	0.7	0.8	2.7	

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1989
IN URBANIZED AREAS (50,000 OR MORE POPULATION)
BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-67
 SHEET 3 OF 3
 SEPTEMBER 1990

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	1,794	2,446	4,032	982	9,254	101	140	130	-	371	5	-	-	-	5	9,630
ALASKA	122	112	230	16	480	82	114	166	-	362	-	-	-	-	-	842
ARIZONA	1,150	1,550	1,750	2,325	6,775	350	175	-	-	525	91	-	-	-	91	7,391
ARKANSAS	1,027	632	452	78	2,189	171	13	3	-	187	7	-	-	-	7	2,383
CALIFORNIA	8,019	8,041	10,023	4,009	40,092	748	411	62	25	1,246	506	169	-	-	675	42,013
COLORADO	201	3,601	2,062	458	6,322	50	106	100	22	278	20	16	5	-	41	6,641
CONNECTICUT	2,165	2,297	1,641	459	6,562	20	20	13	4	57	-	-	-	-	-	6,619
DELAWARE	2	9	896	10	917	11	-	35	-	46	2	-	-	-	2	965
DIST. OF COL.	-	66	586	7	659	-	-	-	-	-	-	-	-	-	-	659
FLORIDA 1/	7,187	3,867	5,759	4,282	31,095	241	347	294	683	1,565	-	-	-	-	-	32,660
GEORGIA	104	169	66	9,748	10,087	2	17	3	309	331	3	3	1	197	204	10,622
HAWAII	259	215	130	95	699	2	-	-	-	2	-	-	-	-	-	701
IDAHO	-	401	73	4	478	31	-	-	-	31	2	-	-	-	2	511
ILLINOIS	1,404	3,961	9,633	3,007	18,005	512	-	-	-	512	-	-	-	-	-	18,517
INDIANA	826	2,066	4,958	413	8,263	17	43	102	9	171	9	21	51	4	85	8,519
IOWA	374	665	1,424	109	2,572	160	79	46	2	287	57	58	69	2	186	3,045
KANSAS	1,433	910	710	255	3,308	247	73	11	-	331	-	-	-	-	-	3,639
KENTUCKY	583	699	964	641	2,887	38	-	-	-	38	-	-	-	-	-	2,925
LOUISIANA	5,701	11	9	6	5,727	493	6	1	-	500	8	-	-	-	8	6,236
MAINE	336	287	201	29	853	73	9	2	-	84	-	-	-	-	-	937
MARYLAND	3,079	3,207	1,092	539	7,917	1	6	-	5	12	1	-	-	-	1	7,930
MASSACHUSETTS	109	579	10,042	-	10,730	15	69	810	-	894	-	2	15	-	17	11,641
MICHIGAN	3,044	3,534	5,944	626	13,148	777	465	513	115	1,870	-	-	-	-	-	15,018
MINNESOTA	110	67	6,192	261	6,620	79	32	673	6	789	1	3	12	-	16	7,425
MISSISSIPPI	7	5	2,458	13	2,483	2	-	119	-	121	-	-	2	-	2	2,606
MISSOURI	4,913	3,066	509	59	8,537	70	-	-	-	70	30	-	-	-	30	8,637
MONTANA	22	189	445	68	724	44	54	-	-	98	-	-	-	-	-	822
NEBRASKA	746	768	410	29	1,953	86	26	2	-	114	56	19	-	-	75	2,142
NEVADA	-	30	1,132	-	1,162	532	26	8	-	568	-	-	-	-	-	1,728
NEW HAMPSHIRE	232	532	137	20	921	25	10	-	-	35	-	-	-	-	-	956
NEW JERSEY	1,505	3,011	8,278	2,258	15,052	24	86	47	-	157	9	-	-	-	9	15,218
NEW MEXICO	-	3	1,669	-	1,672	-	1	159	-	160	-	-	311	-	311	2,143
NEW YORK	4,340	8,981	5,145	4,373	22,839	145	137	-	-	282	163	-	-	-	163	23,284
NORTH CAROLINA	4,283	1,001	2,889	727	8,900	56	3	-	-	59	104	9	4	-	117	9,076
NORTH DAKOTA	2	55	450	6	507	26	24	15	-	65	5	-	-	-	5	577
OHIO	487	901	2,898	2,107	16,393	34	62	211	874	1,181	1	2	8	32	43	17,617
OKLAHOMA 2/	1,993	1,249	941	270	4,453	187	39	6	-	232	65	-	-	-	65	4,760
OREGON	1,322	1,781	826	252	4,181	360	-	-	-	360	136	-	-	-	136	4,677
PENNSYLVANIA	2,788	5,579	4,917	919	14,203	1,234	87	46	14	1,381	-	-	-	-	-	15,584
RHODE ISLAND	1,290	438	581	294	2,603	119	40	53	28	240	19	8	5	-	32	2,875
SOUTH CAROLINA	3,613	331	286	131	4,361	6	-	-	-	6	452	2	2	2	458	4,825
SOUTH DAKOTA	348	144	106	12	610	14	4	-	-	18	-	-	-	-	-	628
TENNESSEE	2,769	1,821	1,986	1,318	7,904	84	28	4	-	116	-	-	-	-	-	8,020
TEXAS	2,429	3,393	43,028	360	49,210	206	600	6,023	2	6,831	23	49	823	2	897	56,938
UTAH	33	330	2,848	259	3,470	11	23	37	1	72	1	5	5	-	11	3,553
VERMONT	-	47	185	59	291	-	19	-	-	19	-	-	-	-	-	310
VIRGINIA	2,075	2,259	3,174	1,695	9,203	37	4	4	-	45	1	-	-	-	1	9,249
WASHINGTON	2,551	3,578	2,358	688	9,175	268	215	103	-	586	27	34	-	-	61	9,822
WEST VIRGINIA	519	216	241	108	1,084	31	4	1	-	36	3	-	-	-	3	1,123
WISCONSIN	2,574	3,385	985	164	7,108	114	129	5	1	249	5	-	-	-	5	7,357
WYOMING	300	70	42	4	416	132	16	-	-	148	-	-	-	-	-	569
TOTAL	80,170	2,545	57,803	4,536	395,054	8,068	3,762	9,807	99	23,736	1,812	400	1,313	239	3,764	422,564
PERCENT - TYPE	20.3	23.4	40.0	16.3	100.0	34.0	15.8	41.4	8.8	100.0	48.2	10.6	34.9	6.3	100.0	-
PERCENT - TOTAL	19.0	21.9	37.3	15.3	93.5	1.9	0.9	2.3	0.5	5.6	0.4	0.1	0.3	0.1	0.9	100.0

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

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

MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1989
FOR URBANIZED AREAS WITH A POPULATION OF 200,000 OR MORE

TABLE HN-71
SHEET 1 OF 2
SEPTEMBER 1990

DATA AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

FEDERAL-AID URBANIZED AREA 2/ PRT- MARY	STATE LOCATION	MILEAGE										DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS)									
		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						
NEW YORK-NORTHEASTERN NJ	NJ	426	613	2,009	3,983	3,414	24,735	35,180	41,432	80,827	43,659	14,548	35,662	225,513							
LOS ANGELES-LONG BEACH-POMONA-ONTARIO	CA	349	246	2,946	2,721	2,495	16,149	24,906	68,191	53,082	31,732	10,310	13,192	244,984							
CHICAGO-NORTHEASTERN IN	IN	350	60	1,065	2,089	1,724	14,021	19,319	31,495	27,981	29,120	13,525	14,677	119,681							
PHILADELPHIA	PA	156	141	1,001	1,159	955	7,295	10,697	11,470	6,808	12,129	5,445	6,531	65,651							
DETROIT	MI	207	74	1,502	1,313	1,313	6,789	12,634	20,514	23,953	16,243	6,889	6,274	79,102							
SAN FRANCISCO-ORLAND	CA	198	145	520	1,081	945	6,050	8,949	25,891	16,081	13,080	4,070	4,961	77,786							
WASHINGTON	DC	163	124	557	840	800	5,368	8,452	17,266	11,355	4,525	4,793	62,980								
DALLAS-FORT WORTH	TX	273	163	549	1,149	2,124	14,584	18,942	11,712	10,257	6,698	17,616	77,402								
BOSTON	MA	142	115	996	1,244	5,324	9,208	15,395	6,668	6,324	3,449	6,921	51,416								
HOUSTON	TX	140	173	397	1,018	933	14,329	16,990	11,730	12,649	4,683	16,446	72,630								
SAN DIEGO	CA	139	91	249	763	568	3,790	5,534	19,976	6,719	10,569	3,184	3,076	50,288							
MINNEAPOLIS-ST. PAUL	MN	186	104	131	131	1,186	6,416	8,924	11,877	3,406	10,858	5,553	4,591	41,270							
ST. LOUIS	MO	214	55	526	680	796	4,077	7,148	17,006	5,962	5,179	4,793	44,689								
BALTIMORE	MD	120	125	406	393	983	4,178	6,951	10,926	1,258	2,562	2,793	4,869	37,334							
PHOENIX	AZ	38	29	734	522	988	6,248	9,567	1,916	4,568	4,390	1,632	7,405	37,334							
ATLANTA	GA	221	43	177	798	670	6,802	8,765	22,249	2,345	10,123	4,592	24,712	73,733							
MIAMI	FL	28	79	423	359	423	5,607	5,607	3,015	7,557	7,425	3,092	6,812	35,075							
CLEVELAND	OH	177	46	367	533	824	3,580	5,271	11,652	5,784	4,781	5,625	31,601								
PITTSBURGH	PA	148	67	570	889	941	4,845	7,460	6,529	10,784	6,501	3,370	3,370	31,122							
SEATTLE-EVERETT	WA	107	67	443	551	741	4,759	6,668	12,985	9,066	3,756	4,486	40,752								
DENVER	CO	92	73	477	444	524	4,275	5,885	7,509	8,916	2,839	3,219	27,211								
SAN JOSE	CA	41	126	218	435	328	2,592	3,739	5,987	6,705	6,286	2,148	22,170								
SAN FRANCISCO-HOLLYWOOD	CA	172	123	296	396	369	5,313	7,653	9,366	4,554	4,903	2,659	25,233								
KANSAS CITY	MO	175	31	288	707	405	3,188	4,794	5,768	4,363	1,090	7,660	28,082								
MILWAUKEE	WI	75	31	288	807	405	3,188	4,794	5,768	4,363	1,090	7,660	28,082								
PORTLAND	OR	85	42	185	493	610	3,919	5,334	6,394	3,577	5,051	2,166	2,166	22,225							
SAN ANTONIO	TX	128	24	395	263	479	5,482	6,711	7,575	5,108	1,778	6,858	24,228								
CINCINNATI	OH	139	19	305	509	509	2,570	3,783	10,395	3,620	2,739	3,756	22,973								
SAN BERNARDINO-RIVERSIDE	CA	108	29	178	291	347	2,240	3,199	5,888	3,096	1,400	1,898	23,662								
NEW ORLEANS	LA	39	22	149	317	199	2,255	2,981	2,882	3,293	1,080	4,920	16,512								
BUFFALO	NY	72	73	283	394	331	2,413	3,566	3,409	1,960	3,826	1,590	1,590	17,284							
SPRINGFIELD	IL	20	14	136	148	148	4,186	4,186	1,298	4,371	3,276	1,714	17,714								
INDIANAPOLIS	IN	49	46	183	340	336	2,430	3,425	3,940	4,083	3,593	4,423	20,020								
NORFOLK-FORTSMOUTH	VA	72	46	168	235	211	2,412	3,098	4,236	4,116	1,522	2,139	15,612								
MEMPHIS	TN	72	46	168	235	211	2,412	3,098	4,236	4,116	1,522	2,139	15,612								
ORLANDO	FL	30	33	123	234	249	2,333	3,002	2,846	4,663	3,985	1,856	3,500	17,712							
PROVIDENCE-PARTUCKET-WARRICK	RI	71	44	358	309	519	2,691	4,192	4,019	5,076	2,889	1,561	2,230	16,861							
INDIANAPOLIS	IN	115	19	226	477	415	2,544	3,796	4,482	3,630	3,691	2,820	2,820	19,323							
COLUMBUS	OH	108	29	178	291	347	2,240	3,199	5,888	3,096	1,400	1,898	16,467								
LOUISVILLE	KY	111	18	143	321	302	1,788	2,683	5,888	2,711	2,890	3,089	17,295								
SALT LAKE CITY	UT	80	11	98	178	217	2,213	2,835	4,785	1,951	3,261	2,495	14,572								
WEST PALM BEACH	FL	38	19	109	171	154	2,086	2,568	4,265	2,705	3,236	1,111	1,111	14,052							
JACKSONVILLE	FL	99	20	159	190	329	2,937	3,709	4,354	4,179	3,322	4,406	17,839								
OKLAHOMA CITY	OK	99	35	218	518	387	2,499	3,686	5,547	3,133	2,284	3,967	18,632								
TAMPA	FL	46	14	111	98	330	2,645	3,244	3,034	3,133	2,284	3,967	14,744								
HONOLULU	HI	30	35	51	63	111	577	867	3,300	1,855	1,126	863	2,532	11,234							
BIRMINGHAM	AL	112	365	104	365	344	3,330	4,255	2,660	2,660	1,126	1,188	4,406	16,400							
ROCHESTER	NY	53	41	98	976	191	1,684	2,383	2,527	674	4,933	1,320	1,320	12,091							
NASHVILLE-DAVISON	TN	96	39	234	113	157	2,156	2,756	6,067	5,243	1,900	1,961	1,961	13,583							
HARTFORD	CT	62	39	232	212	395	2,384	4,309	1,273	2,439	1,711	1,593	916	13,583							
DAYTON	OH	64	15	152	178	360	1,952	2,632	3,238	2,649	1,630	1,301	2,342	11,772							
OMAHA	NE	42	219	150	185	188	1,707	2,911	1,656	3,008	2,029	1,015	1,015	6,928							
SPRINGFIELD-CHICOPEE-HOLYOKE	MA	66	12	247	287	248	1,636	2,499	3,213	3,121	2,019	851	1,422	10,925							
RICHMOND	VA	25	25	125	125	223	1,051	1,654	3,040	3,040	2,680	1,133	2,160	13,993							
AUSTIN	TX	21	50	78	119	139	2,165	2,672	2,059	2,439	1,490	873	2,933	11,629							
EL PASO	TX	27	21	170	134	95	2,207	2,654	1,832	2,624	997	483	2,593	9,105							
ARKON	OH	40	27	178	210	308	1,664	2,547	3,147	1,139	1,060	1,060	1,060	10,666							
ALBUQUERQUE	NM	41	32	195	136	148	1,304	1,824	2,311	4,441	1,563	862	997	10,174							
TALCORA	AR	41	32	195	136	148	1,304	1,824	2,311	4,441	1,563	862	997	10,174							
TOLEDO	OH	61	32	122	293	222	1,477	2,239	2,561	1,299	2,400	1,299	1,299	13,583							
ALBANY-SCHENECTADY-TROY	NY	84	20	183	236	274	1,745	2,543	3,497	3,019	2,062	887	1,222	11,196							
OXFORD-VENTURA-THOUSAND OAKS	CA	40	56	160	141	121	1,468	1,468	5,038	2,820	2,062	505	1,222	10,330							
FRESNO	CA	29	29	144	168	135	1,273	1,748	9,110	1,596	504	1,045	7,822								
TULSA	OK	32	53	125	420	138	1,783	2,669	2,057	2,017	4,493	426	2,050	13,344							
CHARLOTTE	NC	47	177	177	177	116	1,577	2,049	2,285	2,853	390	2,162	2,162	9,207							
WILMINGTON	DE	47	8	127	191	157	1,199	1,665	2,752	1,139	1,322	828	1,371	9,678							

MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1989¹

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

DATA AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-71
SHEET 2 OF 2
SEPTEMBER 1990

FEDERAL-AID URBANIZED AREA 2/	STATE LOCATION		MILEAGE							DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS)						
	PRI- MARY	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
BRIDGEPORT	CT		19	40	54	180	237	1,167	1,697	2,219	1,743	779	1,603	1,066	496	7,896
TUCSON	AZ		23	-	141	150	244	1,006	1,564	1,140	-	2,974	2,089	1,357	1,192	8,752
SCRANTON-WILKES-BARRE	PA		33	23	155	165	126	926	1,428	1,166	323	2,287	973	457	669	5,877
ALLENTOWN-BETHLEHEM-EASTON	PA	NJ	22	29	151	120	140	1,084	1,546	501	1,320	2,482	880	560	881	6,624
NEW HAVEN	CT		34	27	97	131	239	991	1,519	2,777	970	1,486	1,038	578	1,229	8,078
GRAND RAPIDS	MI		41	16	129	291	136	1,030	1,643	1,556	977	2,402	2,258	455	690	8,938
SARASOTA-BRADENTON	FL		10	-	75	100	283	1,426	1,894	263	-	1,939	1,522	1,296	2,139	7,159
NEWPORT NEWS-HAMPTON	VA		38	8	127	161	104	960	1,398	192	192	2,229	1,894	529	2,334	9,350
CHARLESTON	SC		22	4	105	78	163	991	1,363	1,577	127	2,823	1,183	872	283	8,865
YOUNGSTOWN-WARREN	OH		38	36	96	174	232	1,250	1,826	1,144	733	1,422	1,115	479	1,853	6,746
LAS VEGAS	NV		22	26	102	167	187	1,289	1,793	1,523	520	2,942	2,492	1,174	982	9,633
FLINT	MI		56	3	94	257	167	1,043	1,620	2,245	105	1,812	2,546	843	714	8,266
SYRACUSE	NY		54	27	74	181	111	1,124	1,571	1,959	501	1,182	1,808	444	722	6,514
WORCESTER	MA		58	23	175	222	191	968	1,637	2,842	581	2,344	786	277	660	7,490
BATON ROUGE	LA		34	-	132	190	111	1,177	1,644	1,856	-	2,028	1,816	332	2,570	6,600
COLUMBIA	SC		47	9	80	150	195	1,183	1,664	2,260	222	1,715	1,875	566	334	6,992
CHATTANOOGA	TN	GA	26	-	107	186	252	1,386	1,957	1,508	-	2,320	1,870	785	1,334	7,817
WICHITA	KS		46	24	79	199	101	1,108	1,557	1,014	608	1,352	1,990	399	731	6,034
KNOXVILLE	TN		43	-	82	107	106	1,069	1,414	2,706	-	2,622	944	435	967	7,724
MOBILE	AL		40	-	69	126	155	1,300	1,690	1,609	-	1,269	1,329	790	1,591	6,588
BAKERSFIELD	CA		-	33	113	131	86	728	1,091	-	1,411	1,803	1,005	329	561	5,109
JACKSON	MS		59	-	147	137	126	1,108	1,577	1,993	-	1,960	816	398	1,000	6,167
AUBUSTA	GA	SC	22	10	114	152	110	1,182	1,570	752	215	2,029	1,281	395	1,355	6,007
COLORADO SPRINGS	CO		31	28	148	180	157	1,021	1,555	1,292	650	1,838	1,056	404	755	6,046
LITTLE ROCK-NORTH LITTLE ROCK	AR		57	18	82	292	158	1,155	1,672	2,812	688	1,080	1,440	373	468	6,841
MELBOURNE-COCOA	FL		12	15	126	76	165	1,362	1,757	277	340	2,983	954	689	2,042	7,285
RALEIGH	NC		14	28	83	166	88	914	1,293	642	1,290	1,885	1,906	239	1,787	7,749
HARRISBURG	PA		35	23	115	124	180	855	1,332	1,572	699	2,059	996	603	6,559	
TRENTON	NJ	PA	29	11	105	183	89	798	1,215	1,514	350	1,905	1,573	400	1,723	7,465
SPOKANE	WA		22	7	209	187	108	1,119	1,632	884	54	2,402	751	220	530	4,821
DAVENPORT-ROCK ISLAND-MOLINE	IL	IA	56	7	141	179	194	909	1,486	921	60	1,621	1,236	542	570	4,950
CORPUS CHRISTI	TX		17	17	86	146	116	1,492	1,874	589	894	1,451	1,057	346	2,025	6,372
PENSACOLA	FL		18	3	66	91	110	1,263	1,551	572	17	1,378	1,300	893	1,894	5,852
LANSING	MI		31	7	75	129	94	688	1,025	1,124	216	1,558	1,035	374	253	4,560
DES MOINES	IA		36	-	127	197	133	881	1,374	1,529	-	1,726	1,073	393	583	5,244
SHREVEPORT	LA		38	-	101	118	125	851	1,233	977	-	1,534	1,151	494	1,860	6,016
PEORIA	IL		29	8	81	141	126	848	1,233	703	91	1,350	1,309	399	561	4,413
LOWELL	MA	NH	15	22	61	117	155	634	1,004	1,240	1,351	802	857	501	1,029	5,780
STOCKTON	CA		15	8	52	46	95	661	877	946	346	1,253	527	511	524	4,107
GREENVILLE	SC		28	2	77	107	192	1,092	1,498	1,053	42	1,726	1,236	636	187	4,880
LAWRENCE-HAVERHILL	MA	NH	35	4	85	129	170	645	1,068	2,787	163	1,171	1,061	476	633	6,271
CANTON	OH		12	22	58	114	153	1,039	1,408	619	436	807	818	388	1,054	4,123
ODDEN	UT		26	-	45	75	106	781	1,013	947	-	815	816	340	721	3,639
FORT WAYNE	IN		11	2	60	148	98	758	1,073	369	49	1,365	1,385	405	840	4,413
MODESTO	CA		-	15	45	42	50	558	710	-	810	1,044	578	274	448	3,154
FAYETTEVILLE	NC		-	14	60	128	61	887	1,150	-	292	1,118	1,195	236	1,225	4,066
DAYTONA BEACH	FL		15	-	88	39	134	870	1,146	448	-	2,078	623	548	1,305	5,002
SOUTH BEND	IN	MI	10	14	93	116	93	957	1,283	186	201	1,199	780	268	970	3,604
MADISON	WI		7	28	42	81	107	687	872	210	951	787	826	356	955	4,085
SAVANNAH	GA		33	1	77	119	66	742	1,040	980	29	1,397	932	233	1,252	4,833
LORAIN-ELYRIA	OH		33	22	80	120	193	497	945	1,034	410	944	637	359	587	3,971
ANCHORAGE	AK		42	-	68	30	78	842	1,060	1,033	-	1,308	263	211	605	3,420
COLUMBUS	GA	AL	12	27	61	118	83	818	1,119	392	447	849	894	397	1,355	4,274
MONTGOMERY	AL		15	-	71	117	131	758	1,092	699	-	1,391	979	281	862	4,212
LEXINGTON-FAYETTE	KY		14	14	36	86	65	334	549	568	669	985	1,173	351	368	4,114
FORT MYERS	FL		9	2	28	58	164	1,093	1,364	243	15	789	1,248	755	1,640	4,690
MCALLEN-PHARR-EDINBURG	TX		-	25	63	82	82	947	1,180	-	857	781	561	423	810	3,432
ROCKFORD	IL		12	9	45	148	88	779	1,072	250	144	748	1,615	378	485	3,620
PROVO-OREM	UT		18	-	45	49	63	579	754	862	-	793	361	261	552	2,929
UTICA-ROME	NY		26	31	79	87	131	635	908	440	451	839	767	432	370	3,389
BILOXI-GULFPORT	MS		14	-	63	87	136	813	1,113	353	-	1,220	471	369	732	3,145

1/ DATA REPORTED BY EACH STATE VIA THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) AREAWIDE 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.

SELECTED CHARACTERISTICS - 1989¹

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

DATA AS OF DECEMBER 31, 1989
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-72
 SHEET 1 OF 2
 SEPTEMBER 1990

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/ PER CAPITA	% 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
	PRIMARY	OTHER(S)														
NEW YORK-NORTHEASTERN NJ LOS ANGELES-LONG BEACH-POMONA-ONTARIO CHICAGO-NORTHWESTERN IN PHILADELPHIA DETROIT	NY	NJ	35,180	225,513	15,820	3,177	4,979	2.2	14.2	1,039	80,917	2.9	35.8	77,879	5,688	14,225
	CA		24,906	244,964	11,222	2,100	5,343	2.2	21.8	595	106,678	2.3	43.5	179,290	4,674	22,823
	IL	IN	19,319	119,641	7,303	1,958	3,729	2.6	16.3	410	34,438	2.1	28.7	83,995	2,304	14,947
	PA	NJ	10,697	65,625	4,217	1,086	3,683	2.5	15.5	297	18,278	2.7	27.8	61,542	1,461	12,510
	MI		12,834	79,052	3,690	1,243	3,129	3.2	20.3	281	26,683	2.1	33.7	94,957	1,770	15,075
SAN FRANCISCO-OAKLAND WASHINGTON DALLAS-FORT WORTH BOSTON HOUSTON	CA	MD, VA	8,949	77,795	3,616	916	4,431	2.4	21.5	343	41,972	3.8	53.9	122,367	2,187	19,191
	DC		8,952	62,980	3,079	920	3,754	2.7	20.4	287	25,020	3.3	39.7	87,177	1,633	15,321
	TX		18,942	77,402	3,030	1,404	2,158	6.2	25.5	436	39,162	2.3	42.8	76,059	2,515	13,186
	MA		9,208	51,416	2,803	1,033	2,713	3.2	18.3	257	22,073	2.7	42.9	85,887	1,467	15,046
	TX		16,990	72,630	2,798	1,549	1,606	6.0	25.9	313	28,294	1.8	38.9	90,396	1,918	14,751
SAN DIEGO MINNEAPOLIS-ST. PAUL ST. LOUIS BALTIMORE PHOENIX	CA	IL	5,534	50,286	2,232	680	3,282	2.4	22.5	230	26,758	4.1	53.2	116,339	1,631	16,405
	MN		8,924	41,270	1,973	996	1,980	4.5	20.9	290	16,862	3.2	40.8	58,144	1,433	11,766
	MO		7,148	44,869	1,950	694	2,809	3.6	23.0	269	18,717	3.7	41.7	69,579	1,530	12,233
	MD		5,911	34,953	1,917	523	3,665	3.0	18.2	235	15,182	3.9	43.4	64,604	1,222	12,423
	AZ		8,557	37,324	1,873	971	1,928	4.5	19.9	85	7,052	0.9	18.8	82,964	500	14,104
ATLANTA MIAMI CLEVELAND PITTSBURGH SEATTLE-EVERETT	GA	OH	8,765	73,733	1,860	1,198	1,552	4.7	39.6	264	24,594	3.0	33.3	93,159	1,851	13,286
	FL		5,607	35,075	1,841	442	1,855	3.0	19.0	127	10,189	1.9	29.0	55,224	647	15,748
	OH		5,527	31,601	1,752	629	2,785	3.1	18.0	223	13,210	4.0	41.8	59,237	1,164	11,348
	PA		7,460	31,122	1,708	713	2,395	4.3	18.2	215	7,180	2.8	23.0	33,395	905	7,933
	WA		6,668	40,792	1,680	645	2,604	3.9	24.2	174	16,357	2.6	40.0	94,005	970	16,862
DENVER SAN JOSE FORT LAUDERDALE-HOLLYWOOD KANSAS CITY MILWAUKEE	CO	KS	5,885	27,211	1,567	433	3,618	3.7	17.3	165	10,733	2.8	39.4	65,048	834	12,869
	CA		3,739	32,190	1,392	326	4,269	2.6	23.1	166	15,540	4.4	48.2	93,614	947	16,409
	FL		4,213	23,772	1,254	368	3,407	3.3	18.9	85	5,716	2.0	24.0	67,247	514	11,120
	MO		6,957	25,223	1,203	608	1,978	5.7	20.9	304	12,373	4.3	49.0	40,700	1,368	9,044
	WI		4,794	28,062	1,178	550	2,141	4.0	23.8	106	7,513	2.2	26.7	70,877	571	13,157
PORTLAND SAN ANTONIO CINCINNATI SAN BERNARDINO-RIVERSIDE NEW ORLEANS	OR	WA	5,334	22,225	1,170	416	2,812	4.5	18.9	127	8,623	2.3	38.7	67,897	616	13,988
	TX		6,711	24,228	1,165	442	2,635	5.7	20.7	152	8,477	2.2	34.9	55,769	793	10,689
	OH		3,783	22,973	1,139	564	2,019	3.3	20.1	158	10,893	4.1	47.4	68,943	868	12,549
	CA		3,788	23,662	1,099	480	2,289	3.4	21.5	121	11,927	3.1	50.4	98,570	729	16,360
	LA		2,981	16,912	1,078	361	2,986	2.7	15.6	61	3,886	2.0	22.9	63,704	332	11,704
BUFFALO SACRAMENTO ST. PETERSBURG NORFOLK-PORTSMOUTH MEMPHIS	NY	AR, MS	3,566	17,294	1,053	405	2,624	3.3	16.2	145	5,369	4.0	31.0	37,027	625	8,590
	CA		3,336	22,840	1,056	340	3,105	3.0	21.6	97	8,848	2.9	38.7	91,216	633	13,977
	FL		4,186	17,714	998	554	1,801	4.1	17.7	43	1,399	1.0	7.8	32,534	188	7,441
	VA		3,425	20,020	922	809	1,139	3.7	21.7	95	5,936	2.7	29.6	62,484	473	12,549
	TN		3,098	15,612	697	400	2,242	3.4	17.4	72	4,256	2.3	27.2	59,111	373	11,410
ORLANDO PROVIDENCE-PANTUCKET-WARWICK INDIANAPOLIS COLUMBUS LOUISVILLE	FL	MA	3,002	17,712	884	397	2,226	3.3	20.0	63	3,708	2.0	20.9	58,857	302	12,278
	RI		4,192	16,851	872	536	1,626	4.8	19.3	115	5,095	2.7	30.2	44,304	627	8,125
	IN		3,796	19,323	863	422	2,045	4.3	22.3	134	7,889	3.5	40.8	56,873	722	10,926
	OH		3,193	16,467	834	305	2,734	3.8	19.7	137	8,103	4.2	49.2	59,145	745	10,876
	KY		2,683	17,295	791	359	2,203	3.3	21.8	129	6,139	4.8	35.4	47,589	598	10,265
SALT LAKE CITY WEST PALM BEACH JACKSONVILLE OKLAHOMA CITY TAMPA	UT	FL	2,835	14,572	787	361	2,180	3.6	18.5	91	5,082	3.2	34.8	55,846	518	9,810
	FL		2,580	14,052	741	317	2,337	3.4	18.9	57	4,771	2.2	33.9	89,701	304	15,684
	FL		3,709	17,839	728	536	1,358	5.0	24.5	99	4,954	2.6	27.7	50,040	417	11,880
	OK		3,696	16,532	681	400	1,702	5.8	27.3	134	6,831	3.6	36.6	50,977	688	9,929
	FL		3,244	14,744	670	392	1,709	4.8	22.0	60	3,429	1.8	23.2	57,150	311	11,025
HONOLULU BIRMINGHAM ROCHESTER NASHVILLE-DAVIDSON HARTFORD	HI	AL	867	11,234	658	135	4,874	1.3	17.0	65	5,156	7.4	45.8	79,323	360	14,322
	AL		4,255	16,400	640	518	1,235	6.6	25.6	112	5,401	2.6	32.9	48,223	620	8,711
	NY		2,383	12,091	617	311	1,983	3.8	19.5	94	4,031	3.9	33.3	42,882	454	8,878
	TN		2,756	15,343	612	471	1,299	4.5	25.0	96	6,067	3.4	39.5	63,197	475	12,772
	CT		2,384	13,592	606	357	1,697	3.9	22.4	101	5,182	4.2	45.4	61,207	549	11,260
DAYTON OMAHA SPRINGFIELD-CHICOPEE-HOLYOKE RICHMOND AUSTIN	OH	IA	2,632	11,772	595	248	2,399	4.4	19.7	80	3,850	3.0	32.7	48,125	399	9,649
	NE		2,311	9,329	594	213	2,788	3.8	15.0	47	2,050	2.0	22.9	43,617	222	9,234
	MA		2,499	10,925	559	339	1,648	4.4	19.5	60	3,525	3.2	32.2	44,062	381	9,251
	VA		2,299	13,823	544	281	1,935	4.2	25.5	87	4,710	3.7	33.8	54,127	487	9,871
	TX		2,572	11,629	543	121	4,487	4.7	21.4	71	4,498	2.7	38.6	63,352	398	11,301
EL PASO AKRON ALBUQUERQUE TACOMA TOLEDO	TX	MI	2,654	9,105	536	185	2,897	4.9	16.9	48	2,408	1.8	26.4	50,166	249	9,670
	OH		2,547	10,666	516	216	2,388	4.9	20.8	87	4,049	3.4	37.9	46,540	412	8,827
	NM		1,824	10,174	515	168	3,065	3.5	19.7	41	2,311	2.2	22.7	55,385	202	11,440
	WA		2,239	11,117	509	251	2,003	4.4	22.1	55	3,859	2.4	34.7	70,163	280	13,782
	OH		1,986	9,268	490	194	2,525	4.0	18.9	64	2,726	3.2	29.4	42,593	291	9,367
ALBANY-SCHENECTADY-TROY OXNARD-VENTURA-THOUSAND OAKS FRESNO TULSA CHARLOTTE WILMINGTON	NY	MD, NJ	2,543	11,186	488	377	1,294	5.2	22.9	104	4,006	4.0	36.7	38,519	545	7,350
	CA		1,466	10,330	465	160	2,583	1.8	22.2	56	5,036	3.8	48.7	89,364	331	15,220
	CA		1,749	7,822	448	130	3,448	3.9	17.4	20	1,567	1.6	20.0	54,034	154	10,176
	OK		2,559	13,344	445	205	2,170	5.7	29.9	93	4,348	3.8	32.5	46,752	444	9,792
	NC		2,049	9,207	437	238	1,836	4.6	21.0	95	2,395	1.7	25.3	66,714	174	13,419
	DE		1,659	9,578	429	174	2,465	3.8	22.3	55	2,891	3.2	30.1	52,563	295	9,800

Roadway Extent, Characteristics, and Performance

ANNUAL VEHICLE-MILES OF TRAVEL AND RELATED DATA - 1989¹

BY HIGHWAY CATEGORY AND VEHICLE TYPE

OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

TABLE VM-1
OCTOBER 1990

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			
1989	MOTOR-VEHICLE TRAVEL: (MILLIONS OF VEHICLE-MILES)											
1989	INTERSTATE RURAL	-	-	122,963	529	123,492	32,046	5,825	37,871	29,757	67,628	191,120
1988		-	-	116,098	509	116,607	31,061	5,473	36,534	28,174	64,708	181,315
1989	OTHER ARTERIAL RURAL	-	-	214,375	928	215,303	76,218	10,879	87,097	20,219	107,316	322,619
1988		-	-	204,903	892	205,795	75,623	10,639	86,262	19,936	106,198	311,993
1989	OTHER RURAL	-	-	214,900	1,768	216,668	95,320	12,564	107,884	10,592	118,476	335,144
1988		-	-	206,060	1,700	207,760	94,576	11,944	106,520	9,946	116,466	324,226
1989	ALL RURAL	-	-	552,238	3,225	555,463	203,584	29,268	232,852	60,568	293,420	848,883
1988		-	-	527,061	3,101	530,162	201,260	28,056	229,316	58,056	287,372	817,534
1989	INTERSTATE URBAN	-	-	203,089	485	203,574	43,685	6,227	49,912	17,166	67,078	270,652
1988		-	-	195,968	466	196,434	40,649	5,867	46,516	15,745	62,261	258,695
1989	OTHER URBAN	-	-	740,572	1,975	742,547	209,430	17,695	227,125	17,833	244,958	987,505
1988		-	-	716,574	1,899	718,473	197,687	17,316	214,903	16,357	231,260	949,733
1989	ALL URBAN 3/	-	-	943,661	2,460	946,121	253,115	23,922	277,037	34,999	312,036	1,258,157
1988		-	-	912,542	2,365	914,907	238,238	23,183	261,419	32,102	293,521	1,208,428
1989	TOTAL RURAL AND URBAN	1,485,474	10,425	1,495,899	5,685	1,501,584	456,699	53,190	509,889	95,567	605,456	2,107,040
1988		1,429,579	10,024	1,439,603	5,466	1,445,069	439,496	51,239	490,735	90,158	580,893	2,025,962
1989	NUMBER OF MOTOR VEHICLES REGISTERED 4/	143,081,443	4,433,915	147,515,358	625,040	148,140,398	37,861,916	4,102,863	41,964,779	1,589,285	43,554,064	191,694,462
1988		141,251,695	4,584,284	145,835,979	615,669	146,451,648	37,095,808	3,957,319	41,053,127	1,476,241	42,529,368	188,981,016
1989	AVERAGE MILES TRAVELED PER VEHICLE	10,382	2,351	10,141	9,095	10,136	12,062	12,964	12,150	60,132	13,901	10,992
1988		10,121	2,187	9,871	8,878	9,867	11,848	12,948	11,954	61,073	13,659	10,720
1989	PERSON-MILES OF TRAVEL 5/ (MILLIONS)	2,525,306	11,458	2,536,774	120,522	2,657,295	593,709	53,190	646,899	95,567	742,466	3,399,762
1988		2,430,284	11,026	2,441,310	115,879	2,557,189	571,345	51,239	622,584	90,158	712,742	3,269,931
1989	FUEL CONSUMED (THOUSAND GALLONS)	72,332,848	208,500	72,541,348	949,082	73,490,430	33,067,723	7,414,971	40,482,694	17,891,701	58,374,395	131,864,825
1988		71,948,779	200,480	72,149,259	921,261	73,070,520	32,802,963	7,259,675	40,062,638	17,123,371	57,186,009	130,056,049
1989	AVERAGE FUEL CONSUMPTION PER VEHICLE (GALLONS)	506	47	492	1,518	496	873	1,807	965	11,258	1,340	688
1988		509	44	495	1,496	499	884	1,834	976	11,599	1,345	688
1989	AVERAGE MILES TRAVELED PER GALLON OF FUEL CONSUMED	20.54	50.00	20.62	5.99	20.43	13.81	7.17	12.60	5.34	10.37	15.98
1988		19.87	50.00	19.95	5.93	19.78	13.40	7.06	12.25	5.27	10.16	15.58

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 1988 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.

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 1982 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.

ANNUAL VEHICLE-MILES OF TRAVEL - 1989¹

BY STATE AND FUNCTIONAL SYSTEM

OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

(MILLIONS)

TABLE VM-2
SEPTEMBER 1990

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	2,255	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	12,968	1,599	614	2,409	1,597	572	635	7,425	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 2/	8,473	4,918	6,737	5,823	1,159	6,659	33,769	9,882	1,428	8,117	6,611	2,744	13,154	41,936	75,705
HAWAII	91	89	1,062	534	119	550	2,445	1,217	940	858	637	460	1,193	5,305	7,750
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	12,596	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	-	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	1,952	18,826	3,333	516	2,900	3,461	1,425	1,704	13,339	32,165
LOUISIANA 2/	4,765	2,464	2,396	5,095	1,410	2,050	18,180	2,885	407	3,412	3,412	1,286	7,004	19,734	37,914
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	4,506	9,522	5,215	2,850	5,152	37,680	46,214
MICHIGAN	5,357	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	1,965	3,321	1,067	2,448	17,965	4,625	2,069	2,795	4,944	2,514	2,581	19,428	37,393
MISSISSIPPI	2,595	2,946	3,260	3,471	348	2,809	15,429	1,206	94	2,537	1,203	791	1,695	7,466	22,895
MISSOURI	5,391	5,740	3,302	5,103	374	3,369	23,279	8,229	4,056	6,194	4,056	1,413	2,665	24,808	48,087
MONTANA	1,731	1,468	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	304	4,198	888	300	1,478	1,410	530	888	5,210	9,408
NEW HAMPSHIRE	1,330	1,096	1,436	1,276	419	542	5,101	653	490	1,023	971	328	263	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	69,898
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	4,522	6,834	5,536	5,208	3,385	31,001	13,809	13,327	16,981	17,132	5,614	8,195	76,058	106,059
NORTH CAROLINA	5,937	5,795	3,278	10,623	3,719	3,522	32,874	3,523	2,259	8,879	5,271	1,176	6,895	28,003	60,877
NORTH DAKOTA	888	781	947	804	188	677	4,285	165	-	535	383	181	300	1,564	5,849
OHIO	7,838	4,689	5,488	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	1,752	3,507	4,016	892	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	7,640	7,274	8,871	5,935	2,680	5,439	37,839	7,013	3,839	16,735	7,939	4,541	6,949	46,016	83,855
RHODE ISLAND 2/	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	863	938	149	588	5,157	222	19	622	302	130	252	1,547	6,704
TENNESSEE	6,529	2,650	6,000	3,108	2,277	1,567	22,151	5,609	8,731	3,643	3,202	2,303	3,202	23,488	45,639
TEXAS	11,197	15,319	6,314	14,434	2,196	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	487	3,170	27,501	7,355	1,902	7,729	6,730	2,143	5,377	31,836	59,337
WASHINGTON	3,360	3,191	2,189	4,652	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/	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	652	465	406	354	4,392	154	9	496	307	237	155	5,750	5,750
TOTAL	191,120	165,993	156,626	187,182	48,085	99,877	848,883	270,652	122,055	326,897	234,863	1,259	202,431	1,258,157	2,107,040
PERCENT - AREA	22.6	19.6	18.5	22.1	5.7	11.8	100.0	21.6	9.8	26.0	18.7	8.1	16.1	100.0	0.0
PERCENT - TOTAL	9.1	7.9	7.5	8.9	2.3	4.8	40.3	12.9	5.8	15.6	11.2	4.9	9.7	59.8	100.0

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

2/ STATE HIGHWAY AGENCY ESTIMATE SUBJECT TO REVISION PENDING FURTHER FEDERAL HIGHWAY ADMINISTRATION REVIEW.

ANNUAL VEHICLE-MILES OF TRAVEL - 1989¹

BY STATE AND FEDERAL-AID SYSTEM

OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

(MILLIONS)

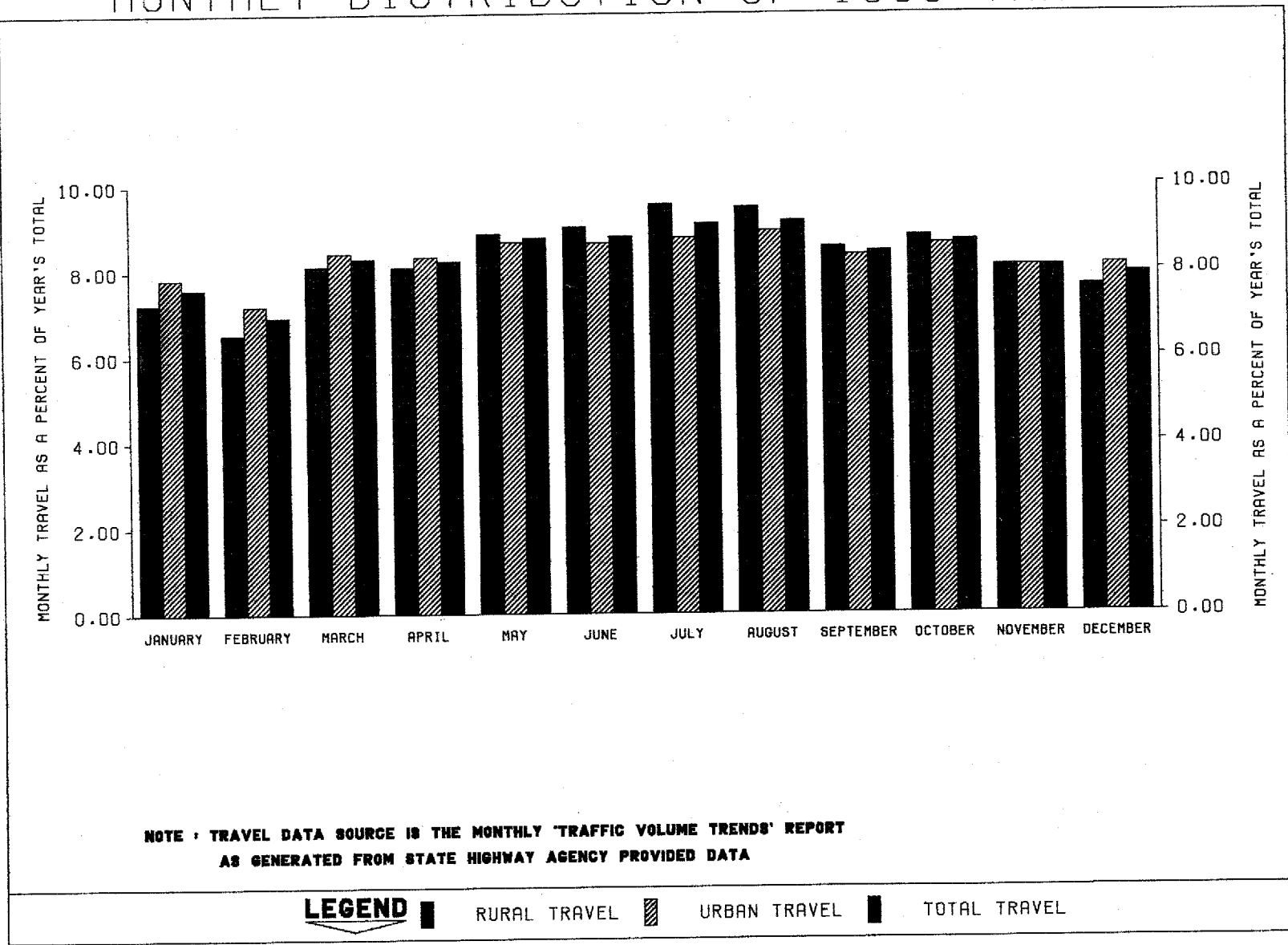
TABLE VM-3
SEPTEMBER 1990

STATE	FEDERAL-AID INTERSTATE			OTHER FEDERAL-AID PRIMARY			FEDERAL-AID URBAN	FEDERAL-AID SECONDARY RURAL	ALL FEDERAL-AID SYSTEMS			ALL NON-FEDERAL-AID SYSTEMS			TOTAL
	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL			RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	
ALABAMA	4,262	3,332	7,594	8,321	4,453	12,774	6,025	4,449	17,032	13,810	30,842	4,757	5,166	9,923	40,765
ALASKA	686	422	1,108	476	190	666	675	482	1,644	1,287	2,931	561	395	956	3,887
ARIZONA	4,326	2,575	6,901	3,768	1,629	5,397	10,831	2,809	10,903	15,035	25,938	3,756	5,122	8,878	34,816
ARKANSAS	2,545	1,599	4,144	5,363	2,149	7,512	2,161	1,905	9,813	5,909	15,722	3,175	1,517	4,692	20,414
CALIFORNIA	13,449	50,309	63,758	22,266	37,484	59,750	90,257	10,030	45,745	178,050	223,795	6,294	21,393	27,687	251,482
COLORADO	3,309	3,376	6,685	4,093	3,747	7,840	5,871	1,595	8,997	12,994	21,991	2,868	2,718	5,586	27,577
CONNECTICUT	1,396	6,489	7,885	2,258	4,364	6,622	6,639	1,367	5,021	17,492	22,513	1,575	2,095	3,670	26,183
DELAWARE	-	927	927	1,713	876	2,591	1,215	654	2,367	3,020	5,387	533	526	1,059	6,446
DIST. OF COL.	-	478	478	-	1,833	1,833	756	-	-	3,067	3,067	-	347	347	3,414
FLORIDA	8,550	9,674	18,224	13,421	20,113	33,534	20,520	2,749	24,720	50,307	75,027	6,665	27,185	33,850	108,877
GEORGIA	8,473	9,882	18,355	11,655	9,117	20,772	9,783	5,823	25,951	28,782	54,733	7,818	13,154	20,972	75,705
HAWAII	91	1,217	1,308	1,133	1,553	2,686	1,339	474	1,698	4,109	5,807	747	1,196	1,943	7,750
IDAHO	1,405	569	1,974	2,031	275	2,306	1,498	1,147	4,583	2,342	6,925	1,156	341	1,497	8,422
ILLINOIS	7,172	12,596	19,768	9,424	13,600	23,024	22,204	4,026	20,622	48,400	69,022	4,856	7,419	12,275	81,297
INDIANA	5,820	4,582	10,402	9,053	4,265	13,318	10,154	10,176	25,049	19,001	44,050	7,041	5,101	12,142	56,192
IOWA	3,238	1,365	4,603	6,579	2,366	8,945	3,111	2,468	12,285	6,842	19,127	2,220	1,224	3,444	22,571
KANSAS	2,382	1,863	4,245	5,698	4,245	9,943	3,437	2,680	10,660	6,857	17,517	1,704	2,692	4,396	21,913
KENTUCKY	4,312	3,333	7,645	5,671	2,699	8,370	5,422	5,007	14,990	11,454	26,444	3,836	1,885	5,721	32,165
LOUISIANA	4,765	2,885	7,650	4,842	2,973	7,815	6,128	5,095	14,702	11,986	26,688	3,478	7,748	11,226	37,914
MAINE	1,692	477	2,169	3,161	922	4,083	1,487	1,791	6,644	2,886	9,530	1,949	260	2,209	11,739
MARYLAND	2,795	7,850	10,645	6,368	6,369	12,737	9,076	2,164	11,327	23,295	34,622	1,984	2,316	4,300	38,922
MASSACHUSETTS	2,165	10,436	12,601	3,290	9,591	12,881	12,356	1,629	7,084	32,383	39,467	1,450	5,297	6,747	46,214
MICHIGAN	5,357	10,968	16,325	11,977	9,124	21,101	21,706	9,988	27,322	41,798	69,120	4,131	6,639	10,770	79,890
MINNESOTA	2,715	4,525	7,240	8,038	3,634	11,672	6,892	3,697	14,450	15,051	29,501	3,515	4,377	7,892	37,393
MISSISSIPPI	2,595	1,206	3,801	6,097	1,625	7,722	2,918	3,469	12,161	5,749	17,910	3,268	1,717	4,985	22,895
MISSOURI	5,391	8,229	13,620	9,042	3,941	12,983	5,388	5,087	19,520	17,558	37,078	3,759	7,250	11,009	48,087
MONTANA	1,731	168	1,899	2,478	392	2,870	757	722	4,931	1,317	6,248	1,325	677	2,002	8,250
NEBRASKA	1,857	609	2,466	4,068	1,292	5,360	2,498	1,255	7,180	4,399	11,579	1,533	669	2,202	13,781
NEVADA	1,528	888	2,416	1,348	485	1,833	2,814	806	3,682	4,187	7,869	516	1,023	1,539	9,408
NEW HAMPSHIRE	1,330	653	1,983	2,270	1,119	3,389	1,524	1,273	4,873	3,296	8,169	1,228	422	1,650	9,819
NEW JERSEY	1,930	8,560	10,490	3,239	8,116	11,355	17,794	3,006	8,175	34,470	42,645	2,898	14,355	17,253	59,898
NEW MEXICO	3,304	1,044	4,348	2,661	1,090	3,751	2,382	1,174	7,139	4,516	11,655	2,364	1,820	4,184	15,839
NEW YORK	5,516	13,809	19,325	11,356	21,144	32,500	30,578	5,536	22,408	65,531	87,939	8,593	9,527	18,120	106,059
NORTH CAROLINA	5,937	3,523	9,460	8,957	5,148	14,105	9,893	10,470	25,364	18,564	43,928	7,510	9,439	16,949	60,877
NORTH DAKOTA	888	165	1,053	1,727	450	2,177	638	757	3,372	1,253	4,625	913	311	1,224	5,849
OHIO	7,838	14,853	22,691	10,157	8,761	18,918	16,206	8,446	26,441	39,820	66,261	8,011	10,146	18,157	84,418
OKLAHOMA	3,673	3,170	6,743	5,521	2,206	7,727	7,654	3,670	12,764	13,030	25,794	3,495	3,547	7,042	32,836
OREGON	3,436	2,671	6,107	5,733	2,828	8,561	4,668	2,624	11,793	10,167	21,960	2,399	1,461	3,860	25,820
PENNSYLVANIA	7,640	7,013	14,653	16,145	14,358	30,503	18,696	5,935	29,720	40,067	69,787	8,119	5,949	14,068	83,855
RHODE ISLAND	203	1,051	1,254	446	1,694	2,040	2,379	139	788	5,024	5,812	101	827	928	6,740
SOUTH CAROLINA	5,496	2,003	7,499	8,372	4,645	13,017	3,485	4,575	18,443	10,133	28,576	2,722	1,482	4,204	32,780
SOUTH DAKOTA	1,275	222	1,497	2,205	768	2,973	2,93	914	4,394	1,283	5,677	763	264	1,027	6,704
TENNESSEE	6,529	6,609	12,138	8,650	5,922	14,572	8,755	3,107	18,286	20,286	38,572	3,865	3,202	7,067	45,639
TEXAS	11,197	21,812	33,009	21,631	17,669	39,300	26,478	13,718	46,546	65,959	112,505	7,147	39,880	47,007	159,512
UTAH	2,139	2,587	4,726	1,669	580	2,249	3,683	768	4,576	6,850	11,426	800	1,689	2,489	13,915
VERMONT	946	230	1,176	1,512	334	1,846	657	1,081	3,539	1,221	4,760	665	340	1,005	5,765
VIRGINIA	6,843	7,965	14,798	10,633	4,912	15,545	12,786	6,157	23,633	25,653	49,286	3,868	6,183	10,051	59,337
WASHINGTON	3,360	7,168	10,528	5,380	5,350	10,730	11,734	4,546	13,286	24,252	37,538	2,575	3,120	5,695	43,233
WEST VIRGINIA	2,412	1,063	3,475	3,643	1,108	4,751	1,776	3,304	9,359	3,947	13,306	1,205	429	1,634	14,940
WISCONSIN	3,693	2,508	6,201	10,881	5,333	16,214	6,723	4,105	18,679	14,664	33,243	4,119	5,724	9,843	43,086
WYOMING	1,628	154	1,782	1,517	398	1,915	641	451	3,596	1,193	4,789	796	165	961	5,750
TOTAL	191,120	270,652	461,772	317,837	266,453	584,290	463,341	179,300	688,257	1,000,446	1,688,703	160,626	257,711	418,337	2,107,040
PERCENT - TOTAL	9.1	12.8	21.9	15.1	12.6	27.7	22.0	8.5	32.7	47.5	80.1	7.6	12.2	19.9	100.0

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

Roadway Extent, Characteristics, and Performance

MONTHLY DISTRIBUTION OF 1989 TRAVEL



MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1989

1989 DATA AS REPORTED
BY STATE AUTHORITIESTABLE FI-1
SEPTEMBER 1990

STATE	VEHICLE- MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES		NONFATAL INJURED PERSONS	
		NUMBER 1/	RATE 2/	NUMBER	RATE 2/	NUMBER 1/	RATE 2/	NUMBER	RATE 2/
ALABAMA	40.765	918	2.25	28,347	69.54	1,029	2.52	41,824	102.60
ALASKA	3.887	79	2.03	3,623	93.21	84	2.16	5,550	142.78
ARIZONA	34,816	770	2.21	37,837	108.68	879	2.52	61,578	176.87
ARKANSAS 3/	20,414	577	2.83	11,200	54.86	647	3.17	20,591	100.87
CALIFORNIA	251.482	4,877	1.94	236,831	94.17	5,412	2.15	363,645	144.60
COLORADO	27,577	482	1.75	24,508	88.87	528	1.91	37,561	136.20
CONNECTICUT	26,183	379	1.45	32,682	124.82	406	1.55	46,542	177.76
DELAWARE	6.446	108	1.68	5,741	89.05	116	1.80	9,036	140.18
DIST. OF COL.	3.414	70	2.05	9,003	263.71	72	2.11	12,964	379.73
FLORIDA	108,877	2,685	2.47	141,678	130.13	2,982	2.74	229,402	210.70
GEORGIA	75,705	1,422	1.88	65,279	86.23	1,632	2.16	101,256	133.75
HAWAII	7.750	129	1.66	8,882	114.61	149	1.92	12,710	164.00
IDAHO	8.422	212	2.52	6,901	81.94	238	2.83	10,916	129.61
ILLINOIS	81,297	1,545	1.90	118,173	145.36	1,748	2.15	174,861	215.09
INDIANA	56,192	882	1.57	53,817	95.77	971	1.73	76,458	136.07
IOWA	22,571	451	2.00	19,568	86.70	514	2.28	28,037	124.22
KANSAS	21,913	371	1.69	21,504	98.13	428	1.95	32,389	147.81
KENTUCKY	32,165	686	2.13	35,507	110.39	772	2.40	54,115	168.24
LOUISIANA	37,914	778	2.05	40,233	106.12	874	2.31	67,434	177.86
MAINE	11,739	178	1.52	12,871	109.64	193	1.64	18,627	158.68
MARYLAND	38,922	654	1.68	50,270	129.16	726	1.87	80,245	206.17
MASSACHUSETTS	46,214	638	1.38	73,276	158.56	700	1.51	92,156	199.41
MICHIGAN	79,890	1,464	1.83	104,183	130.41	1,631	2.04	158,223	198.05
MINNESOTA	37,393	538	1.44	31,576	84.44	604	1.62	45,404	121.42
MISSISSIPPI	22,895	621	2.71	12,992	56.75	726	3.17	24,208	105.73
MISSOURI	48,087	936	1.95	44,592	92.73	1,052	2.19	68,573	142.60
MONTANA	8,250	163	1.98	5,731	69.47	181	2.19	8,653	104.88
NEBRASKA	13,781	257	1.86	15,499	112.47	296	2.15	23,089	167.54
NEVADA	9,408	276	2.93	12,552	133.42	308	3.27	19,268	204.80
NEW HAMPSHIRE 3/	9,819	165	1.68	6,225	63.40	187	1.90	9,037	92.04
NEW JERSEY	59,898	814	1.36	100,717	168.15	891	1.49	159,699	266.62
NEW MEXICO	15,839	469	2.96	16,088	101.57	538	3.40	24,965	157.62
NEW YORK	106,059	2,075	1.96	203,556	191.93	2,257	2.13	298,629	281.57
NORTH CAROLINA	60,877	1,321	2.17	76,863	126.26	1,471	2.42	122,878	201.85
NORTH DAKOTA	5,849	76	1.30	3,421	58.49	81	1.38	4,869	83.24
OHIO	84,418	1,574	1.86	127,566	151.11	1,772	2.10	213,272	252.64
OKLAHOMA	32,836	569	1.73	22,716	69.18	648	1.97	35,286	107.46
OREGON	25,820	546	2.11	23,242	90.02	626	2.42	37,140	143.84
PENNSYLVANIA	83,855	1,714	2.04	98,511	117.48	1,877	2.24	152,589	181.97
RHODE ISLAND	6,740	97	1.44	6,992	103.74	100	1.48	8,646	128.28
SOUTH CAROLINA	32,780	895	2.73	30,963	94.46	996	3.04	49,905	152.24
SOUTH DAKOTA	6,704	134	2.00	4,605	68.69	152	2.27	6,827	101.83
TENNESSEE 3/	45,639	977	2.14	46,805	102.55	1,088	2.38	72,167	158.13
TEXAS	159,512	2,923	1.83	153,356	96.14	3,357	2.10	243,030	152.36
UTAH	13,915	269	1.93	16,700	120.01	303	2.18	22,979	165.14
VERMONT 3/	5,765	109	1.89	4,869	84.46	116	2.01	7,317	126.92
VIRGINIA	59,337	918	1.55	53,723	90.54	1,004	1.69	79,510	134.00
WASHINGTON	43,233	694	1.61	52,671	121.83	781	1.81	73,992	171.15
WEST VIRGINIA	14,940	406	2.72	15,393	103.03	468	3.13	28,353	189.78
WISCONSIN	43,086	714	1.66	42,673	99.04	817	1.90	62,108	144.15
WYOMING	5,750	113	1.97	3,355	58.35	127	2.21	5,235	91.04
TOTAL	2,107,040	40,718	1.93	2,375,866	112.76	45,555	2.16	3,643,748	172.93

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, 1990.

2/ PER 100 MILLION VEHICLE-MILES OF TRAVEL.

3/ ESTIMATES OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE MADE BY FHWA BASED ON STATE REPORTED 1988 DATA.

SPEED DATA¹
IN MILES PER HOUR
BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1989

TABLE VS-1
 SEPTEMBER 1990

(OCTOBER 1988 - SEPTEMBER 1989)

TRAVEL MONITORING DIVISION
 OFFICE OF HIGHWAY INFORMATION MANAGEMENT

STATE	URBAN												RURAL												STATEWIDE			
	INTERSTATE				OTHER FREeways AND EXPRESSWAYS				OTHER PRINCIPAL AND MINOR ARTERIALS				INTERSTATE				OTHER PRINCIPAL AND MINOR ARTERIALS				MAJOR COLLECTORS				STATEWIDE			
	AVERAGE	MEDIAN	85TH PERCENTILE	1/3	AVERAGE	MEDIAN	85TH PERCENTILE	1/3	AVERAGE	MEDIAN	85TH PERCENTILE	1/3	AVERAGE	MEDIAN	85TH PERCENTILE	1/3	AVERAGE	MEDIAN	85TH PERCENTILE	1/3	AVERAGE	MEDIAN	85TH PERCENTILE	1/3				
ALABAMA	60.1	55.7	67.0	(4/)	55.5	55.5	62.1	(4/)	57.8	57.8	63.9	(4/)	54.8	54.4	61.4	(4/)	54.8	54.4	61.4	(4/)	57.2	55.1	63.7	(4/)	55.1	55.1	63.7	(4/)
ALASKA	58.2	59.3	65.0	(4/)	59.7	59.0	65.0	(4/)	58.0	58.0	65.0	(4/)	58.0	58.0	65.0	(4/)	58.0	58.0	65.0	(4/)	58.0	58.0	65.0	(4/)	58.0	58.0	65.0	(4/)
ARIZONA	59.0	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)
ARKANSAS	55.1	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)	58.9	58.9	65.1	(4/)
CALIFORNIA	55.1	57.8	65.0	(4/)	58.4	58.4	60.8	(4/)	54.1	54.1	60.8	(4/)	60.3	61.2	68.7	(4/)	60.3	61.2	68.7	(4/)	56.6	57.6	64.4	(4/)	57.0	58.9	66.1	(4/)
COLORADO	59.0	57.2	63.0	(4/)	56.4	56.4	62.8	(4/)	56.9	56.9	62.8	(4/)	59.9	59.9	67.1	(4/)	59.9	59.9	67.1	(4/)	59.9	59.9	67.1	(4/)	59.9	59.9	67.1	(4/)
CONNECTICUT	60.1	60.4	66.8	(4/)	58.4	58.4	66.8	(4/)	58.4	58.4	66.8	(4/)	58.4	58.4	66.8	(4/)	58.4	58.4	66.8	(4/)	58.4	58.4	66.8	(4/)	58.4	58.4	66.8	(4/)
DELAWARE	58.2	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)
DIST. OF COL.	59.2	58.9	65.8	(4/)	58.9	58.9	65.8	(4/)	58.9	58.9	65.8	(4/)	58.9	58.9	65.8	(4/)	58.9	58.9	65.8	(4/)	58.9	58.9	65.8	(4/)	58.9	58.9	65.8	(4/)
FLORIDA	61.7	61.3	69.7	(4/)	59.6	59.6	69.7	(4/)	59.6	59.6	69.7	(4/)	59.6	59.6	69.7	(4/)	59.6	59.6	69.7	(4/)	59.6	59.6	69.7	(4/)	59.6	59.6	69.7	(4/)
GEORGIA	58.2	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)
HAWAII	58.2	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)	58.3	58.3	66.8	(4/)
ILLINOIS	58.3	58.4	64.5	(4/)	56.9	56.9	64.5	(4/)	56.9	56.9	64.5	(4/)	56.9	56.9	64.5	(4/)	56.9	56.9	64.5	(4/)	56.9	56.9	64.5	(4/)	56.9	56.9	64.5	(4/)
INDIANA	61.8	60.9	67.8	(4/)	58.9	58.9	67.8	(4/)	58.9	58.9	67.8	(4/)	58.9	58.9	67.8	(4/)	58.9	58.9	67.8	(4/)	58.9	58.9	67.8	(4/)	58.9	58.9	67.8	(4/)
IOWA	55.7	55.9	60.7	(4/)	55.9	55.9	60.7	(4/)	55.9	55.9	60.7	(4/)	55.9	55.9	60.7	(4/)	55.9	55.9	60.7	(4/)	55.9	55.9	60.7	(4/)	55.9	55.9	60.7	(4/)
KANSAS	62.3	62.7	69.3	(4/)	59.0	59.0	69.3	(4/)	59.0	59.0	69.3	(4/)	59.0	59.0	69.3	(4/)	59.0	59.0	69.3	(4/)	59.0	59.0	69.3	(4/)	59.0	59.0	69.3	(4/)
KENTUCKY	58.4	60.2	67.1	(4/)	57.2	57.2	67.1	(4/)	57.2	57.2	67.1	(4/)	57.2	57.2	67.1	(4/)	57.2	57.2	67.1	(4/)	57.2	57.2	67.1	(4/)	57.2	57.2	67.1	(4/)
LOUISIANA	59.5	59.9	67.5	(4/)	57.2	57.2	67.5	(4/)	57.2	57.2	67.5	(4/)	57.2	57.2	67.5	(4/)	57.2	57.2	67.5	(4/)	57.2	57.2	67.5	(4/)	57.2	57.2	67.5	(4/)
MAINE	58.9	59.3	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)
MARYLAND	58.9	59.3	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)	57.7	57.7	65.9	(4/)
MASSACHUSETTS	58.6	60.1	67.7	(4/)	57.3	57.3	67.7	(4/)	57.3	57.3	67.7	(4/)	57.3	57.3	67.7	(4/)	57.3	57.3	67.7	(4/)	57.3	57.3	67.7	(4/)	57.3	57.3	67.7	(4/)
MICHIGAN	62.6	63.3	70.5	(4/)	59.6	59.6	70.5	(4/)	59.6	59.6	70.5	(4/)	59.6	59.6	70.5	(4/)	59.6	59.6	70.5	(4/)	59.6	59.6	70.5	(4/)	59.6	59.6	70.5	(4/)
MINNESOTA	58.2	58.2	64.3	(4/)	59.2	59.2	64.3	(4/)	59.2	59.2	64.3	(4/)	59.2	59.2	64.3	(4/)	59.2	59.2	64.3	(4/)	59.2	59.2	64.3	(4/)	59.2	59.2	64.3	(4/)
MISSISSIPPI	58.6	60.1	68.7	(4/)	57.8	57.8	68.7	(4/)	57.8	57.8	68.7	(4/)	57.8	57.8	68.7	(4/)	57.8	57.8	68.7	(4/)	57.8	57.8	68.7	(4/)	57.8	57.8	68.7	(4/)
MISSOURI	58.1	58.9	65.8	(4/)	57.8	57.8	65.8	(4/)	57.8	57.8	65.8	(4/)	57.8	57.8	65.8	(4/)	57.8	57.8	65.8	(4/)	57.8	57.8	65.8	(4/)	57.8	57.8	65.8	(4/)
MONTANA	59.1	59.0	65.8	(4/)	58.1	58.1	65.8	(4/)	58.1	58.1	65.8	(4/)	58.1	58.1	65.8	(4/)	58.1	58.1	65.8	(4/)	58.1	58.1	65.8	(4/)	58.1	58.1	65.8	(4/)
NEBRASKA	59.9	59.9	64.9	(4/)	58.4	58.4	64.9	(4/)	58.4	58.4	64.9	(4/)	58.4	58.4	64.9	(4/)	58.4	58.4	64.9	(4/)	58.4	58.4	64.9	(4/)	58.4	58.4	64.9	(4/)
NEVADA	58.4	59.2	65.7	(4/)	57.5	57.5	65.7	(4/)	57.5	57.5	65.7	(4/)	57.5	57.5	65.7	(4/)	57.5	57.5	65.7	(4/)	57.5	57.5	65.7	(4/)	57.5	57.5	65.7	(4/)
NEW HAMPSHIRE	53.2	57.0	63.5	(4/)	56.5	56.5	63.5	(4/)	56.5	56.5	63.5	(4/)	56.5	56.5	63.5	(4/)	56.5	56.5	63.5	(4/)	56.5	56.5	63.5	(4/)	56.5	56.5	63.5	(4/)
NEW JERSEY	58.2	58.9	65.1	(4/)	57.4	57.4	65.1	(4/)	57.4	57.4	65.1	(4/)	57.4	57.4	65.1	(4/)	57.4	57.4	65.1	(4/)	57.4	57.4	65.1	(4/)	57.4	57.4	65.1	(4/)
NEW MEXICO	58.2	55.9	63.1	(4/)	58.2	58.2	63.1	(4/)	58.2	58.2	63.1	(4/)	58.2	58.2	63.1	(4/)	58.2	58.2	63.1	(4/)	58.2	58.2	63.1	(4/)	58.2	58.2	63.1	(4/)
NEW YORK	63.0	62.3	69.4	(4/)	58.6	58.6	69.4	(4/)	58.6	58.6	69.4	(4/)	58.6	58.6	69.4	(4/)	58.6	58.6	69.4	(4/)	58.6	58.6	69.4	(4/)	58.6	58.6	69.4	(4/)
NORTH CAROLINA	57.4	58.2	63.8	(4/)	56.9	56.9	63.8	(4/)	56.9	56.9	63.8	(4/)	56.9	56.9	63.8	(4/)	56.9	56.9	63.8	(4/)	56.9	56.9	63.8	(4/)	56.9	56.9	63.8	(4/)
NORTH DAKOTA	58.8	59.4	65.3	(4/)	58.1	58.1	65.3	(4/)	58.1	58.1	65.3	(4/)	58.1	58.1	65.3	(4/)	58.1	58.1	65.3	(4/)	58.1	58.1	65.3	(4/)	58.1	58.1	65.3	(4/)
OHIO	59.6	59.7	65.9	(4/)	58.1	58.1	65.9	(4/)	58.1	58.1	65.9	(4/)	58.1	58.1	65.9	(4/)	58.1	58.1	65.9	(4/)	58.1	58.1	65.9	(4/)	58.1	58.1	65.9	(4/)
OKLAHOMA	56.8	57.0	63.0	(4/)	57.4	57.4	63.0	(4/)	57.4	57.4	63.0	(4/)	57.4	57.4	63.0	(4/)	57.4	57.4	63.0	(4/)	57.4	57.4	63.0	(4/)	57.4	57.4	63.0	(4/)
OREGON	58.4	59.1	65.0	(4/)	57.6	57.6	65.0	(4/)	57.6	57.6	65.0	(4/)	57.6	57.6	65.0	(4/)	57.6	57.6	65.0	(4/)	57.6	57.6	65.0	(4/)	57.6	57.6	65.0	(4/)
PENNSYLVANIA	61.5	62.0	68.4	(4/)	58.2	58.2	68.4	(4/)	58.2	58.2	68.4	(4/)	58.2	58.2	68.4	(4/)	58.2	58.2	68.4	(4/)	58.2	58.2	68.4	(4/)	58.2	58.2	68.4	(4/)
RHODE ISLAND	58.2	58.2	64.4	(4/)	57.4	57.4	64.4	(4/)	57.4	57.4	64.4	(4/)	57.4	57.4	64.4	(4/)	57.4	57.4	64.4	(4/)	57.4	57.4	64.4	(4/)	57.4	57.4	64.4	(4/)
SOUTH CAROLINA	60.0	59.9	66.9	(4/)	56.4	56.4	66.9	(4/)	56.4	56.4	66.9	(4/)	56.4	56.4	66.9	(4/)	56.4	56.4	66.9	(4/)	56.4	56.4	66.9	(4/)	56.4	56.4	66.9	(4/)
SOUTH DAKOTA	54.5	54.7	60.2	(4/)	54.7	54.7	60.2	(4/)	54.7	54.7	60.2	(4/)	54.7	54.7	60.2	(4/)	54.7	54.7	60.2	(4/)	54.7	54.7	60.2	(4/)	54.7	54.7	60.2	(4/)
TENNESSEE	60.4	59.5	68.0																									

SPEED DATA
BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1989
IN PERCENT EXCEEDING INDICATED MILES-PER-HOUR INCREMENTS

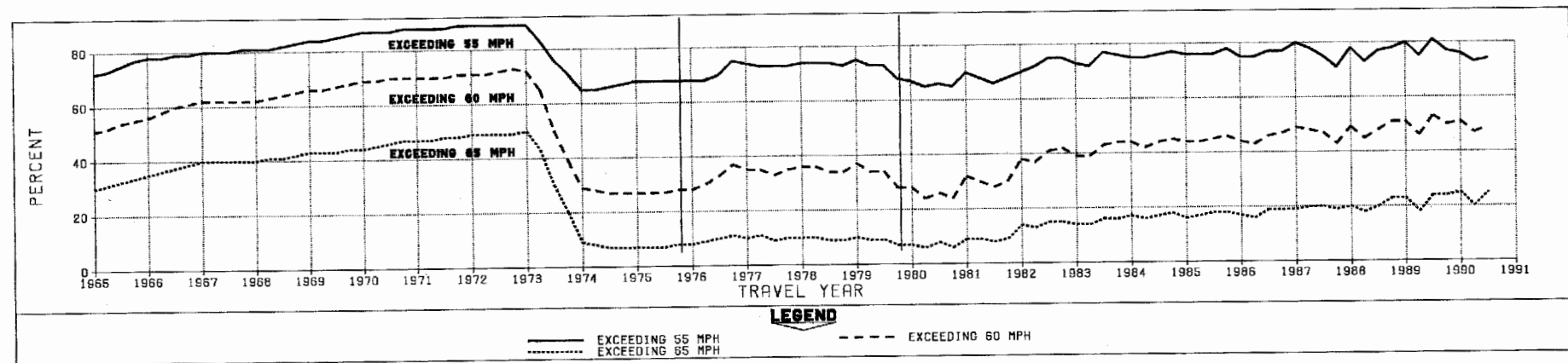
TRAVEL MONITORING DIVISION
OFFICE OF HIGHWAY INFORMATION MANAGEMENT
(OCTOBER 1988 - SEPTEMBER 1989)

TABLE VS-2
SEPTEMBER 1990

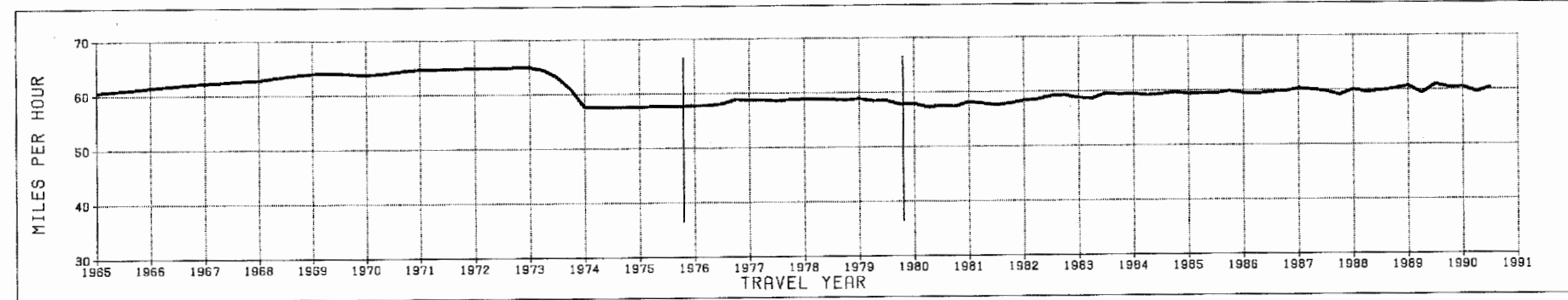
STATE	URBAN										INTERSTATE										RURAL										STATEWIDE									
	55 MPH	60 MPH	65 MPH	60 MPH	65 MPH	70 MPH	75 MPH	80 MPH	85 MPH	90 MPH	55 MPH	60 MPH	65 MPH	70 MPH	75 MPH	80 MPH	85 MPH	90 MPH	95 MPH	100 MPH	55 MPH	60 MPH	65 MPH	70 MPH	75 MPH	80 MPH	85 MPH	90 MPH	95 MPH	100 MPH	55 MPH	60 MPH	65 MPH	70 MPH	75 MPH	80 MPH	85 MPH	90 MPH	95 MPH	100 MPH
ALABAMA	46.0	42.1	38.2	34.3	30.4	26.5	22.6	18.7	14.8	10.9	47.0	43.1	39.2	35.3	31.4	27.5	23.6	19.7	15.8	11.9	47.0	43.1	39.2	35.3	31.4	27.5	23.6	19.7	15.8	11.9	47.0	43.1	39.2	35.3	31.4	27.5	23.6	19.7	15.8	11.9
ALASKA	76.6	72.7	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	76.6	72.7	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	76.6	72.7	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	76.6	72.7	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5
ARIZONA	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7	68.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7
CALIFORNIA	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	31.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	31.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	31.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	31.7
COLORADO	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2	28.3	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2	28.3	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2	28.3	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2	28.3
CONNECTICUT	80.0	76.1	72.2	68.3	64.4	60.5	56.6	52.7	48.8	44.9	80.0	76.1	72.2	68.3	64.4	60.5	56.6	52.7	48.8	44.9	80.0	76.1	72.2	68.3	64.4	60.5	56.6	52.7	48.8	44.9	80.0	76.1	72.2	68.3	64.4	60.5	56.6	52.7	48.8	44.9
DELAWARE	79.8	75.9	72.0	68.1	64.2	60.3	56.4	52.5	48.6	44.7	79.8	75.9	72.0	68.1	64.2	60.3	56.4	52.5	48.6	44.7	79.8	75.9	72.0	68.1	64.2	60.3	56.4	52.5	48.6	44.7	79.8	75.9	72.0	68.1	64.2	60.3	56.4	52.5	48.6	44.7
DIST. OF COL.	72.8	68.9	65.0	61.1	57.2	53.3	49.4	45.5	41.6	37.7	72.8	68.9	65.0	61.1	57.2	53.3	49.4	45.5	41.6	37.7	72.8	68.9	65.0	61.1	57.2	53.3	49.4	45.5	41.6	37.7	72.8	68.9	65.0	61.1	57.2	53.3	49.4	45.5	41.6	37.7
FLORIDA	77.8	73.9	70.0	66.1	62.2	58.3	54.4	50.5	46.6	42.7	77.8	73.9	70.0	66.1	62.2	58.3	54.4	50.5	46.6	42.7	77.8	73.9	70.0	66.1	62.2	58.3	54.4	50.5	46.6	42.7	77.8	73.9	70.0	66.1	62.2	58.3	54.4	50.5	46.6	42.7
HAWAII	63.5	59.6	55.7	51.8	47.9	44.0	40.1	36.2	32.3	28.4	63.5	59.6	55.7	51.8	47.9	44.0	40.1	36.2	32.3	28.4	63.5	59.6	55.7	51.8	47.9	44.0	40.1	36.2	32.3	28.4	63.5	59.6	55.7	51.8	47.9	44.0	40.1	36.2	32.3	28.4
ILLINOIS	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6
INDIANA	60.2	56.3	52.4	48.5	44.6	40.7	36.8	32.9	29.0	25.1	60.2	56.3	52.4	48.5	44.6	40.7	36.8	32.9	29.0	25.1	60.2	56.3	52.4	48.5	44.6	40.7	36.8	32.9	29.0	25.1	60.2	56.3	52.4	48.5	44.6	40.7	36.8	32.9	29.0	25.1
IOWA	57.5	53.6	49.7	45.8	41.9	38.0	34.1	30.2	26.3	22.4	57.5	53.6	49.7	45.8	41.9	38.0	34.1	30.2	26.3	22.4	57.5	53.6	49.7	45.8	41.9	38.0	34.1	30.2	26.3	22.4	57.5	53.6	49.7	45.8	41.9	38.0	34.1	30.2	26.3	22.4
KANSAS	67.3	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2	67.3	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2	67.3	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2	67.3	63.4	59.5	55.6	51.7	47.8	43.9	40.0	36.1	32.2
KENTUCKY	71.0	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9	71.0	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9	71.0	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9	71.0	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9
LOUISIANA	78.7	74.8	70.9	67.0	63.1	59.2	55.3	51.4	47.5	43.6	78.7	74.8	70.9	67.0	63.1	59.2	55.3	51.4	47.5	43.6	78.7	74.8	70.9	67.0	63.1	59.2	55.3	51.4	47.5	43.6	78.7	74.8	70.9	67.0	63.1	59.2	55.3	51.4	47.5	43.6
MAINE	72.5	68.6	64.7	60.8	56.9	53.0	49.1	45.2	41.3	37.4	72.5	68.6	64.7	60.8	56.9	53.0	49.1	45.2	41.3	37.4	72.5	68.6	64.7	60.8	56.9	53.0	49.1	45.2	41.3	37.4	72.5	68.6	64.7	60.8	56.9	53.0	49.1	45.2	41.3	37.4
MARYLAND	71.5	67.6	63.7	59.8	55.9	52.0	48.1	44.2	40.3	36.4	71.5	67.6	63.7	59.8	55.9	52.0	48.1	44.2	40.3	36.4	71.5	67.6	63.7	59.8	55.9	52.0	48.1	44.2	40.3	36.4	71.5	67.6	63.7	59.8	55.9	52.0	48.1	44.2	40.3	36.4
MASSACHUSETTS	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	39.5	35.6
MINNESOTA	78.4	74.5	70.6	66.7	62.8	58.9	55.0	51.1	47.2	43.3	78.4	74.5	70.6	66.7	62.8	58.9	55.0	51.1	47.2	43.3	78.4	74.5	70.6	66.7	62.8	58.9	55.0	51.1	47.2	43.3	78.4	74.5	70.6	66.7	62.8	58.9	55.0	51.1	47.2	43.3
MISSISSIPPI	78.5	74.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	78.5	74.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	78.5	74.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4	78.5	74.6	70.7	66.8	62.9	59.0	55.1	51.2	47.3	43.4
NEBRASKA	74.3	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	74.3	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	74.3	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	74.3	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2
NEVADA	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3	70.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3
NEW HAMPSHIRE	67.8	63.9	60.0	56.1	52.2	48.3	44.4	40.5	36.6	32.7	67.8	63.9	60.0	56.1	52.2	48.3	44.4	40.5	36.6	32.7	67.8	63.9	60.0	56.1	52.2	48.3	44.4	40.5	36.6	32.7	67.8	63.9	60.0	56.1	52.2	48.3	44.4	40.5	36.6	32.7
NEW JERSEY	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9	32.0	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9	32.0	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9	32.0	67.1	63.2	59.3	55.4	51.5	47.6	43.7	39.8	35.9	32.0
NEW MEXICO	55.3	51.4	47.5	43.6	39.7	35.8	31.9	28.0	24.1	20.2	55.3	51.4	47.5	43.6	39.7	35.8	31.9	28.0	24.1	20.2	55.3	51.4	47.5	43.6	39.7	35.8	31.9	28.0	24.1	20.2	55.3	51.4	47.5	43.6	39.7	35.8	31.9	28.0	24.1	20.2
NEW YORK	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7	29.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7	29.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7	29.8	64.9	61.0	57.1	53.2	49.3	45.4	41.5	37.6	33.7	29.8
NORTH CAROLINA	63.6	59.7	55.8	51.9	48.0	44.1	40.2	36.3	32.4	28.5	63.6	59.7	55.8	51.9	48.0	44.1	40.2	36.3	32.4	28.5	63.6	59.7	55.8	51.9	48.0	44.1	40.2	36.3	32.4	28.5	63.6	59.7	55.8	51.9	48.0	44.1	40.2	36.3	32.4	28.5
NORTH DAKOTA	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3	31.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3	31.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3	31.4	66.5	62.6	58.7	54.8	50.9	47.0	43.1	39.2	35.3	31.4
OHIO	76.0	72.1	68.2	64.3	60.4	56.5	52.6	48.7	44.8	40.9	76.0	72.1	68.2	64.3	60.4	56.5	52.6	48.7	44.8	40.9	76.0	72.1	68.2	64.3	60.4	56.5	52.6	48.7	44.8	40.9	76.0	72.1	68.2	64.3	60.4	56.5	52.6	48.7	44.8	40.9
OKLAHOMA	71.6	67.7	63.8	59.9	56.0	52.1	48.2	44.3	40.4	36.5	71.6	67.7	63.8	59.9	56.0	52.1	48.2	44.3	40.4	36.5	71.6	67.7	63.8	59.9	56.0	52.1	48.2	44.3	40.4	36.5	71.6	67.								

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

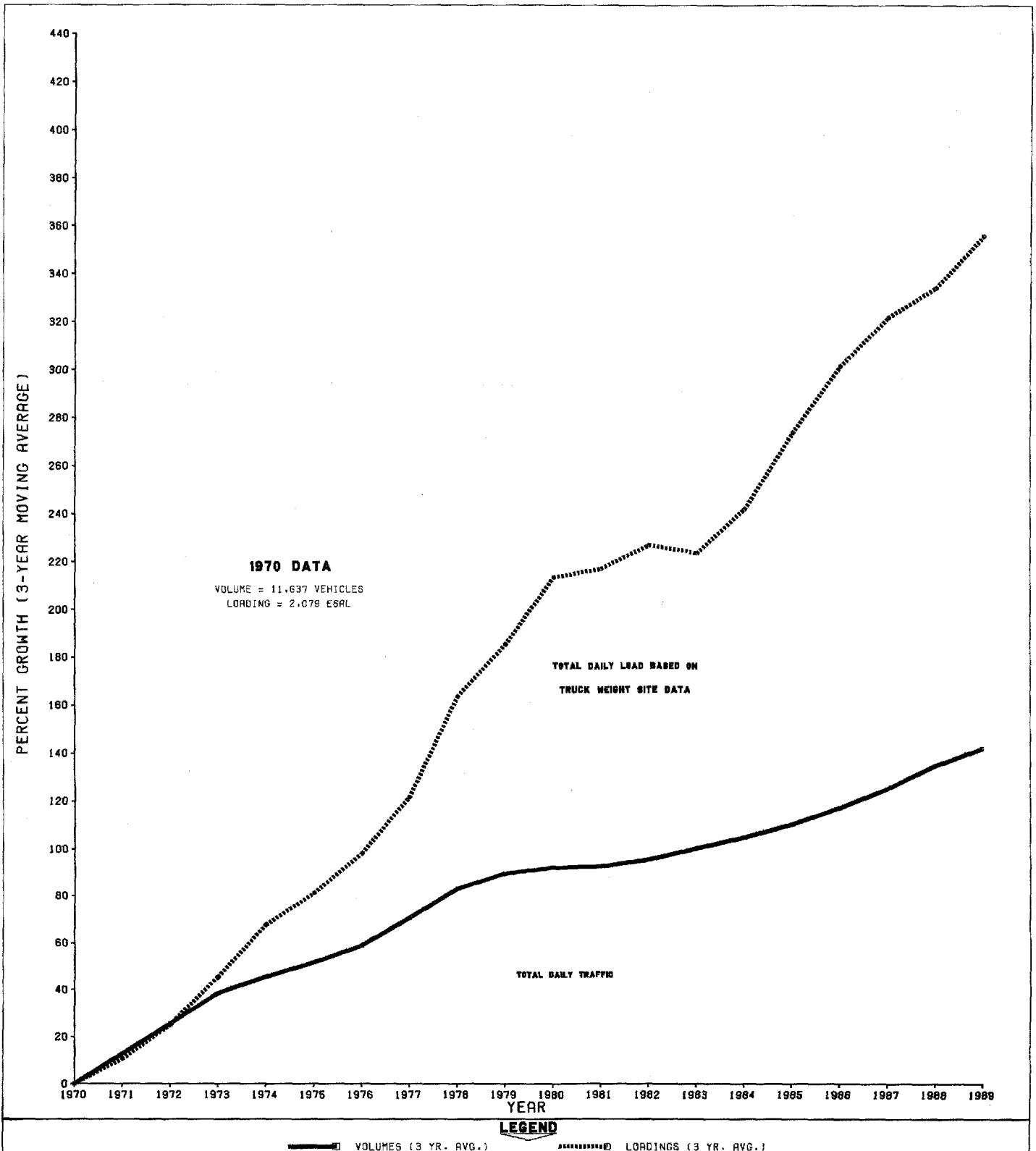
COMPILED FROM DATA SUPPLIED BY STATE
AUTHORITIES FOR THE TRUCK WEIGHT STUDY

TABLE TC-3
SEPTEMBER 1990

YEAR	PASSENGER CARS AND BUSES		LIGHT SINGLE-UNIT TRUCKS		HEAVY SINGLE-UNIT TRUCKS		3 AND 4 AXLE COMBINATIONS		5 AXLE OR MORE COMBINATIONS	
	VOLUMES	LOADINGS	VOLUMES	LOADINGS	VOLUMES	LOADINGS	VOLUMES	LOADINGS	VOLUMES	LOADINGS
1970	79	3	9	-	3	6	3	18	8	74
1971	78	3	9	1	3	6	2	16	8	75
1972	77	2	10	-	3	6	2	13	9	79
1973	76	2	10	-	3	6	2	11	9	81
1974	74	2	11	1	3	5	2	9	10	83
1975	73	2	12	1	3	5	2	9	11	83
1976	72	2	13	-	3	5	2	9	11	84
1977	70	2	14	1	3	5	2	6	12	87
1978	69	1	14	1	3	5	2	6	12	86
1979	67	2	15	1	3	4	2	5	13	88
1980	67	1	15	-	3	4	1	3	14	91
1981	66	1	15	1	3	3	2	4	14	91
1982	66	1	15	-	3	4	2	5	14	90
1983	65	1	16	-	3	3	2	4	15	92
1984	64	1	16	1	3	4	2	3	15	91
1985	64	1	16	-	3	3	2	4	15	92
1986	63	1	17	-	3	3	2	5	15	91
1987	64	1	16	-	3	3	2	4	15	92
1988	64	1	16	-	3	3	2	4	15	92
1989	64	1	16	-	3	3	2	4	15	92

^{1/} THE DATA FOR EACH OF THE VEHICLE TYPES ARE FROM THE TRUCK WEIGHT STUDY. DATA FOR THE TRUCK WEIGHT STUDY ARE COLLECTED FOR ONE DAY EACH YEAR, NORMALLY IN THE SUMMER, 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 - 1989

COMPILED FOR THE CALENDAR YEAR FROM
REPORTS OF COMMONWEALTH AUTHORITIES

TABLE PR-1
SHEET 1 OF 2
OCTOBER 1990

MOTOR FUEL, MOTOR VEHICLES, AND DRIVER LICENSES	COMMON- WEALTH	HIGHWAY AND MASS TRANSPORTATION	COMMON- WEALTH	LOCAL AUTHORITIES 1/
(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:		
1. GASOLINE	\$.16	1. MOTOR-FUEL TAXES	133,743	-
2. DIESEL AND L.P.G.	\$.08	2. MOTOR-VEHICLE AND CARRIER TAXES	68,833	-
B. NET GALLONS TAXED (1,000):		3. SUBTOTAL	202,576	-
1. AT PREVAILING RATES	845,192	B. TOLL RECEIPTS	36,456	-
2. AT OTHER RATES (AVIATION)	2,377	C. OTHER STATE TAXES	-	21,000
3. TOTAL	847,569	D. GENERAL FUND APPROPRIATION	57,101	26,000
		E. FEDERAL HIGHWAY ADMINISTRATION FUNDS	55,036	-
		F. OTHER FEDERAL FUNDS	20,370	-
		G. PARKING FUNDS	-	-
		H. INTERAGENCY PAYMENTS	-	-
		I. PROCEEDS FROM BONDS	266,245	-
		J. PROCEEDS FROM NOTES	-	-
		K. MISCELLANEOUS RECEIPTS	16,446	-
II. MOTOR-FUEL TAX RECEIPTS (\$1,000)		L. TOTAL RECEIPTS	654,230	47,000
A. GROSS GALLONAGE RECEIPTS	137,201	M. RESERVES AT BEGINNING OF YEAR	126,929	-
B. LESS:		N. TOTAL FUNDS AVAILABLE	781,159	47,000
1. REFUNDS PAID	342			
2. DEDICATED GASOLINE TAX (AVIATION)	48	VII. DISBURSEMENTS FROM HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS		
C. OTHER RECEIPTS	772	A. EXPENSES OF COLLECTING AND ADMINISTERING HIGHWAY-USER REVENUES	6,538	-
D. NET TOTAL RECEIPTS	137,583	B. CAPITAL OUTLAY:		
		1. RURAL ARTERIAL	73,072	NA
III. MOTOR-VEHICLE REGISTRATIONS		2. RURAL COLLECTOR	26,308	2,329
A. AUTOMOBILES	1,304,733	3. URBAN ARTERIAL	58,515	NA
B. TRUCKS	200,416	4. URBAN COLLECTOR	11,823	323
C. BUSES	2,899	5. LOCAL ROADS AND STREETS	47,993	9,048
D. TOTAL	1,508,048	6. SUBTOTAL	217,711	11,700
E. TRAILERS	9,167	C. MAINTENANCE	31,495	26,000
F. MOTORCYCLES	18,655	D. ADMINISTRATION	55,372	-
		E. HIGHWAY POLICE AND SAFETY	17,628	-
IV. DRIVER LICENSES		F. BOND INTEREST	48,922	1,648
A. LEARNER PERMITS ISSUED	85,025	G. BOND RETIREMENT	192,170	3,184
B. OPERATOR LICENSES ISSUED	275,994	H. NOTE INTEREST	-	96
C. CHAUFFEUR LICENSES ISSUED	1,439,566	I. NOTE RETIREMENT	-	357
D. MOTORCYCLE OPERATOR LICENSES	67	J. MASS TRANSPORTATION	68,397	-
E. DRIVER LICENSES IN FORCE	33,509	K. NONHIGHWAY EXPENDITURES	-	-
		L. TOTAL DISBURSEMENTS	638,233	42,985
V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)		M. RESERVES AT END OF YEAR	142,926	-
A. REGISTRATION FEES	60,165	N. TOTAL FUNDS ACCOUNTED FOR	781,159	42,985
B. DRIVER LICENSES	4,415			
C. MOTOR CARRIERS	71	VIII. BONDED INDEBTEDNESS		
D. OTHER	4,116	A. AMOUNT OUTSTANDING BEGINNING OF YEAR	605,175	2/ 24,506
E. TOTAL	68,767	B. OBLIGATIONS ISSUED (PAR VALUE)	286,665	-
		C. OBLIGATIONS REDEEMED (PAR VALUE)	192,170	2/ 3,541
		D. AMOUNT OUTSTANDING END OF YEAR	699,670	2/ 20,965

1/ ESTIMATED FOR THE 1988 FISCAL YEAR.

2/ INCLUDES SHORT TERM NOTES OF \$964,000 OUTSTANDING AT THE

BEGINNING OF FISCAL 1988, \$357,000 REDEEMED, AND \$607,000
OUTSTANDING AT THE END OF THE 1988 FISCAL YEAR.

HIGHWAY MILEAGE AND TRAVEL FOR THE COMMONWEALTH OF PUERTO RICO - 1989

BY FUNCTIONAL SYSTEM

COMPILED IN COOPERATION WITH
THE COMMONWEALTH AUTHORITIES

TABLE PR-1
SHEET 2 OF 2
SEPTEMBER 1990

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	-	54	217	1,006	521	-	1,798	-	1	167	327	437	-	932	2,730
4 OR MORE LANES	-	-	3	-	-	-	3	-	4	20	40	20	-	84	87
DIVIDED:															
LESS THAN 4 LANES	4	-	-	-	-	-	4	-	-	1	-	-	-	3	7
4 OR MORE LANES	-	9	7	-	-	-	16	-	15	56	5	13	-	89	105
PARTIAL ACCESS CONTROL															
UNDIVIDED:															
LESS THAN 4 LANES	-	2	-	4	-	-	6	-	1	-	-	1	-	2	8
4 OR MORE LANES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIVIDED:															
LESS THAN 4 LANES	12	-	-	-	-	-	12	11	-	-	-	-	-	11	23
4 OR MORE LANES	31	-	-	-	-	-	31	69	3	1	-	4	-	77	108
FULL ACCESS CONTROL															
DIVIDED:															
LESS THAN 4 LANES	-	-	-	2	-	-	2	-	-	-	-	-	-	-	2
4 OR MORE LANES	36	14	-	-	-	-	50	35	43	-	-	-	-	78	128
TOTAL MILEAGE	83	79	227	1,012	521	-	1,922	115	67	245	374	475	-	1,276	3,198
MILEAGE BY FEDERAL-AID SYSTEM 2/															
RURAL:															
PRIMARY	83	79	227	-	-	-	389	-	-	-	-	-	-	-	389
SECONDARY	-	-	-	851	-	-	851	-	-	-	-	-	-	-	851
TOTAL RURAL FEDERAL-AID	83	79	227	851	-	-	1,240	-	-	-	-	-	-	-	1,240
URBAN:															
PRIMARY	-	-	-	-	-	-	-	115	36	159	17	-	-	327	327
URBAN	-	-	-	-	-	-	-	-	19	85	315	179	-	598	598
TOTAL URBAN FEDERAL-AID	-	-	-	-	-	-	-	115	55	244	332	179	-	925	925
NON-FEDERAL-AID	-	-	-	161	521	7,244	7,926	-	12	1	42	296	2,743	3,094	11,020
TOTAL MILEAGE	83	79	227	1,012	521	7,244	9,166	115	67	245	374	475	2,743	4,019	13,185
MILEAGE BY LANE WIDTH 1/															
8 FEET OR LESS	-	6	13	370	253	-	642	-	1	21	41	98	-	161	803
9 FEET	-	13	44	338	212	-	607	-	-	21	66	78	-	165	772
10 FEET	-	12	57	239	38	-	346	2	3	48	89	81	-	217	563
11 FEET	-	12	20	6	18	-	56	1	21	41	56	57	-	176	232
12 FEET OR MORE	83	36	93	59	-	-	271	112	42	114	128	161	-	557	828
TOTAL MILEAGE	83	79	227	1,012	521	-	1,922	115	67	245	374	475	-	1,276	3,198
VEHICLE-MILES OF TRAVEL (MILLIONS)															
VEHICLE-MILES OF TRAVEL	742	415	589	1,083	412	599	3,840	2,332	937	1,903	1,467	1,120	1,119	8,878	12,718

1/ AS EXPANDED FROM THE 1989 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 - 1989¹

COMPILED FOR THE CALENDAR YEAR FROM
REPORTS OF TERRITORIAL AUTHORITIES

TABLE TER-1
SHEET 1 OF 2
OCTOBER 1990

MOTOR FUEL, MOTOR VEHICLES, DRIVER LICENSES AND HIGHWAY FINANCE	AMERICAN SAMOA 2/	GUAM 3/	NORTHERN MARIANAS	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	-	NA	\$0.10	\$0.14
B. NET GALLONS TAXED (1,000)				
1. AT PREVAILING RATES	3,695	47,411	28,518	28,602
2. AT OTHER RATES	-	NA	-	-
3. TOTAL	3,695	47,411	28,518	28,602
II. MOTOR-FUEL TAX RECEIPTS (\$1,000)				
A. GROSS GALLONAGE RECEIPTS	425	NA	2,852	4,004
B. LESS:				
1. REFUNDS PAID	-	-	-	-
2. DEDICATED GALLONAGE TAX	-	NA	-	-
C. OTHER RECEIPTS	-	NA	-	-
D. NET TOTAL RECEIPTS	425	4,164	2,852	4,004
III. MOTOR-VEHICLE REGISTRATIONS 4/				
A. AUTOMOBILES	4,447	52,923	16,170	32,886
B. BUSES	126	264	334	44
C. TRUCKS	319	15,490	5,268	7,245
D. TOTAL	4,892	68,677	21,772	40,175
E. TRAILERS	8	1,134	4	132
F. MOTORCYCLES	59	2,578	445	600
IV. DRIVER LICENSES				
A. LEARNER PERMITS ISSUED	229	-	356	4,797
B. OPERATOR LICENSES ISSUED	1,959	24,794	7,214	15,221
C. CHAUFFEUR LICENSES ISSUED	603	1,863	-	677
D. MOTORCYCLE LICENSES ISSUED	-	357	974	670
E. DRIVER LICENSES IN FORCE	6,256	5/ 70,026	5/ 11,974	NA
V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)				
A. REGISTRATION FEES	57	2,510	635	1,851
B. DRIVER LICENSES	14	107	110	244
C. MOTOR CARRIERS	-	-	-	-
D. OTHER	-	NA	-	-
E. TOTAL	71	2,617	745	2,095
VI. HIGHWAY RECEIPTS (\$1,000)				
A. HIGHWAY-USER REVENUE	496	6,574	3,597	6,099
B. GENERAL FUNDS	-	-	-	-
C. FHWA FUNDS	1,983	2,839	980	5,200
D. OTHER FEDERAL FUNDS	138	183	-	142
E. TOTAL RECEIPTS	2,617	9,596	4,577	11,441
VII. HIGHWAY DISBURSEMENTS (\$1,000)				
A. CAPITAL OUTLAY	1,843	1,233	1,744	4,632
B. MAINTENANCE	763	2,476	222	1,159
C. ADMINISTRATION	22	828	414	1,027
D. HIGHWAY LAW ENFORCEMENT	267	459	900	-
E. TOTAL DISBURSEMENTS	2,895	4,996	3,280	6,818

HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS - 1989¹

TABLE TER-1
SHEET 2 OF 2
SEPTEMBER 1990

COMPILED FOR THE CALENDAR YEAR 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	-	-	-	-	13	13	41	-	41	-	-	-
D, E	19	10	29	-	140	140	34	-	34	-	-	-
F, G-1, H-1	99	15	114	-	192	192	-	-	-	-	-	-
G-2, H-2, I	-	-	-	128	-	128	56	-	56	-	-	-
UNCLASSIFIED BY SURFACE TYPE	-	-	-	-	5	5	-	176	176	-	-	-
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	-	-	-
MILEAGE BY SYSTEMS												
PRIMARY:												
RURAL	107	-	107	61	-	61	62	-	62	245	224	469
MUNICIPAL	11	-	11	61	-	61	-	-	-	10	28	38
SECONDARY:												
MUNICIPAL	-	-	-	6	225	231	69	128	197	-	-	-
RURAL COUNTY ROADS	-	-	-	-	125	125	-	48	48	-	135	135
LOCAL ROADS UNDER STATE CONTROL	-	5	5	-	-	-	-	-	-	-	64	64
OTHER	-	20	20	-	-	-	-	-	-	-	-	-
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
MILEAGE BY ROADWAY WIDTH												
LESS THAN 20 FEET	53	19	72	-	-	-	50	-	50	-	138	138
20-21	42	2	44	2	-	2	10	-	10	210	259	469
22-23	-	-	-	72	-	72	9	-	9	-	42	42
24-26	-	-	-	14	-	14	34	-	34	12	-	12
27-35	-	-	-	2	-	2	13	-	13	-	-	-
36-43	-	-	-	6	-	6	10	-	10	-	12	12
44-47	-	-	-	7	-	7	-	-	-	-	-	-
48 AND OVER	-	-	-	20	-	20	5	-	5	33	-	33
UNCLASSIFIED BY WIDTH	23	4	27	6	350	356	-	176	176	-	-	-
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME												
VEHICLES PER DAY:												
LESS THAN 400	66	-	66	-	-	-	25	-	25	2	18	20
400 - 999	6	-	6	-	-	-	8	-	8	23	35	58
1,000 - 1,999	23	-	23	24	-	24	1	-	1	36	20	65
2,000 - 2,999	-	-	-	23	-	23	7	-	7	20	45	65
3,000 - 3,999	-	-	-	10	-	10	4	-	4	18	12	30
4,000 - 4,999	-	-	-	2	-	2	3	-	3	7	36	43
5,000 - 9,999	-	-	-	12	-	12	14	-	14	26	24	50
10,000 - 14,999	-	-	-	19	-	19	7	-	7	11	32	43
15,000 - 19,999	-	-	-	15	-	15	4	-	4	18	13	31
20,000 - 29,999	-	-	-	2	-	2	2	-	2	34	24	58
30,000 - 39,999	-	-	-	6	-	6	-	-	-	12	19	31
40,000 AND OVER	-	-	-	9	-	9	-	-	-	7	51	58
UNCLASSIFIED BY ADT	23	25	48	7	350	357	56	176	232	42	122	164
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
MILEAGE BY LANES AND ACCESS CONTROL												
2 LANES	-	-	-	80	-	80	126	-	126	233	425	658
3 LANES	-	-	-	5	-	5	5	-	5	-	-	28
ONE-WAY STREETS	-	-	-	-	-	-	-	-	-	2	26	11
UNDIVIDED 4 OR MORE LANES	-	-	-	10	-	10	-	-	-	-	-	-
DIVIDED 4 OR MORE LANES:												
NO ACCESS CONTROL	-	-	-	-	-	-	-	-	-	-	-	-
PARTIAL ACCESS CONTROL	-	-	-	-	-	-	-	-	-	9	-	9
FULL ACCESS CONTROL	-	-	-	33	-	33	-	-	-	-	-	-
UNCLASSIFIED	118	25	143	-	350	350	-	176	176	-	-	-
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
VEHICLE-MILES OF TRAVEL (MILLIONS)	63	8	71	529	67	696	126	33	159	354	423	777

ACCESS CONTROL ARE ESTIMATED BASED ON 1985 INFORMATION. 118 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U. S. C. 402(C)).
 1/ NA MEANS NOT AVAILABLE.
 2/ DATA FOR AMERICAN SAMOA ARE FOR 1986 EXCEPT MOTOR VEHICLE REGISTRATIONS, HIGHWAY RECEIPTS, AND DISBURSEMENTS WHICH ARE FOR 1984, AND DRIVER LICENSES, WHICH ARE FOR 1987.
 3/ DATA FOR GUAM ARE FOR 1986, EXCEPT MOTOR-FUEL TAX RECEIPTS, HIGHWAY RECEIPTS, AND DISBURSEMENTS WHICH ARE FOR 1984, AND DRIVER LICENSES, WHICH ARE FOR 1987.
 4/ PRIVATE AND COMMERCIAL VEHICLES ONLY.
 5/ ESTIMATED BY FEDERAL HIGHWAY ADMINISTRATION.
 6/ ROADWAY WIDTH DATA IS ESTIMATED BASED ON 1984 INFORMATION. SYSTEMS AND LANES AND
 7/ GUAM'S 1989 PUBLIC ROAD MILEAGE EQUALS 490 MILES.
 8/ 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.





VEHICLES, DRIVERS, AND FUELS

Motor Fuel

Motor Vehicles

Driver Licensing

HIGHWAY FINANCE

Summary for All Units of Government

Federal Highway Finance

State Highway Finance

Local Road and Street Finance

ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

National Summaries

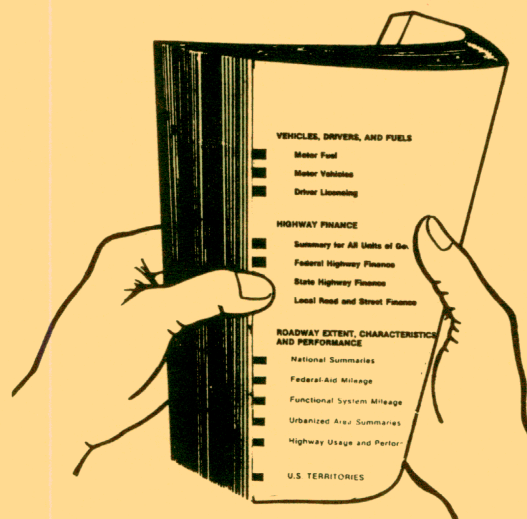
Federal-Aid Mileage

Functional System Mileage

Urbanized Area Summaries

Highway Usage and Performance

U.S. TERRITORIES



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