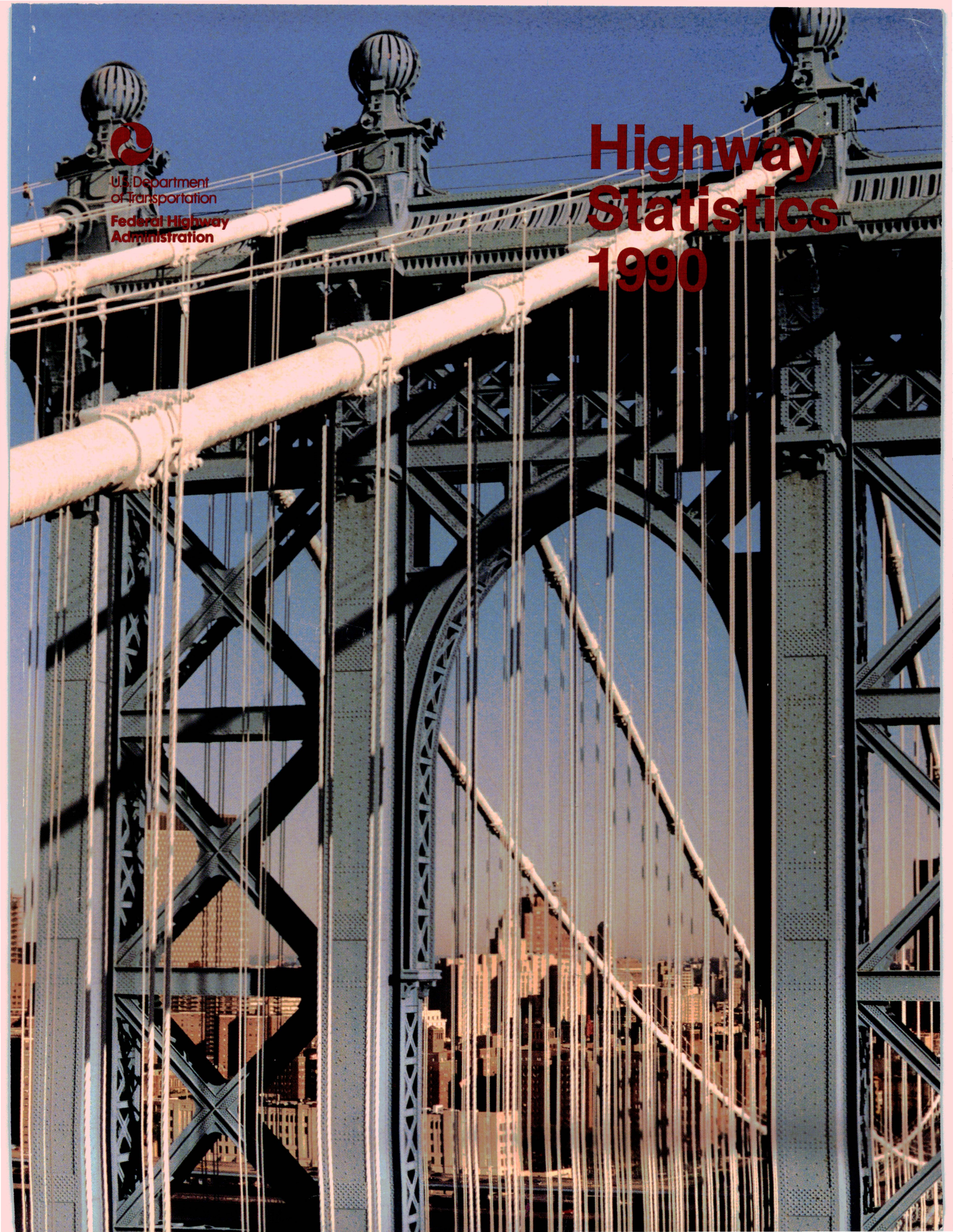




U.S. Department  
of Transportation  
**Federal Highway  
Administration**

# Highway Statistics 1990





## COVER PHOTOGRAPH

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

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





U.S. Department  
of Transportation

**Federal Highway  
Administration**

# Highway Statistics 1990

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**Thomas D. Larson  
Federal Highway Administrator**





## Preface

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

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

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

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

	<i>Accession Number</i>	<i>Cost per Microfiche Copy</i>
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Highway Statistics, 1975, Section 2 .....	PB 261237 .....	\$11.00
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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
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## INTRODUCTION

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

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

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

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

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

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

### FEDERAL AGENCIES

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

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

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

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

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

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

### STATE AGENCIES

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

## COUNTIES AND TOWNSHIPS

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

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

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

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

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

## MUNICIPALITIES

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

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

## URBAN AREAS

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

## INDIVIDUAL UNIT STATISTICS

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

## DUPLICATIONS

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



## MOTOR FUEL

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

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

### MOTOR-FUEL TAX COLLECTIONS

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

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

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

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

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

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

### MOTOR-FUEL USE

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

# MOTOR-FUEL GALLONAGE TAXED - 1990<sup>1</sup>

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

(THOUSANDS OF GALLONS)

TABLE MF-2  
OCTOBER 1991

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 AMOUNT TAXED								AT OTHER RATES 5/
					NET TOTAL GALLONS	AT PREVAILING RATES 4/							
						GASOLINE		SPECIAL FUELS		ALL MOTOR FUELS			
						NUMBER OF GALLONS	PERCENT CHANGE 1990 1989	NUMBER OF GALLONS	PERCENT CHANGE 1990 1989	NUMBER OF GALLONS 1980	NUMBER OF GALLONS 1989	PERCENT CHANGE 1990 1989	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
ALABAMA	2,691,535	9,489	2,682,052	-	2,682,052	2,100,326	-0.4	571,091	6.7	2,671,417	2,644,610	1.0	10,635
ALASKA	357,858	7,856	349,802	-	349,802	236,235	18.2	83,470	44.1	319,706	257,843	24.0	30,057
ARIZONA	2,025,721	-	2,025,721	10,177	2,015,544	1,684,157	-2.8	331,387	1.8	2,015,544	2,059,124	-2.1	-
ARKANSAS	1,647,954	39,346	1,608,608	472	1,608,136	1,215,735	-2.6	385,530	-0.2	1,601,065	1,637,499	-2.2	7,071
CALIFORNIA	15,152,394	927	15,151,467	25,912	15,125,555	13,303,325	-0.5	1,719,924	-0.8	15,023,249	15,106,965	-0.6	102,306
COLORADO	1,753,477	71,293	1,682,184	22,741	1,659,443	1,453,228	-1.2	206,215	9.9	1,659,443	1,658,580	0.0	-
CONNECTICUT	1,634,854	34,978	1,499,876	7,766	1,492,110	1,307,680	-2.9	189,511	-8.9	1,491,191	1,543,929	-3.4	919
DELAWARE	400,248	5,007	395,241	1,343	393,898	340,632	-0.4	53,266	-17.1	393,898	406,331	-3.1	-
DIST. OF COL.	196,992	30,192	166,800	-	166,800	160,330	-4.7	6,470	1.6	166,800	174,555	-4.4	-
FLORIDA	7,043,054	9,485	7,033,569	-	7,033,569	5,972,512	-1.8	832,409	-1.8	6,804,921	6,927,541	-1.8	228,648
GEORGIA	4,439,053	2,673	4,436,380	1,463	4,434,917	3,559,501	-0.1	867,436	2.3	4,426,937	4,412,657	0.3	7,980
HAWAII	413,287	5,965	407,322	-	407,322	370,564	-0.2	25,798	4.8	396,362	396,002	0.1	10,960
IDAHO	625,901	9,958	615,943	11,713	604,230	474,456	0.2	129,235	13.3	602,691	586,421	2.8	1,539
ILLINOIS	6,351,104	134,930	6,216,174	54,895	6,161,289	5,104,404	4.9	1,056,885	9.2	6,161,289	5,833,986	5.6	-
INDIANA	3,423,343	58,881	3,364,462	21,221	3,343,241	2,616,315	0.1	726,926	-1.3	3,343,241	3,351,036	-0.2	-
IOWA	1,751,657	32,756	1,718,901	48,092	1,670,809	1,288,821	-3.5	379,390	7.5	1,668,202	1,688,966	-1.2	2,607
KANSAS	1,563,086	56,880	1,526,206	20,017	1,506,189	1,192,121	-4.5	314,068	1.8	1,506,189	1,557,211	-3.3	-
KENTUCKY	2,340,520	5,466	2,334,054	796	2,333,258	1,832,277	-0.2	489,512	-5.0	2,321,529	2,350,950	-1.2	11,329
LOUISIANA	2,272,277	11,288	2,260,989	4,495	2,256,494	1,881,896	-1.9	374,598	-0.1	2,256,494	2,293,368	-1.6	-
MAINE	722,773	8,697	714,076	4,277	709,799	596,612	-2.6	111,379	-9.9	707,991	735,850	-3.8	1,808
MARYLAND	2,444,864	59,161	2,385,703	10,763	2,374,940	2,017,252	-3.2	354,729	0.7	2,371,981	2,435,844	-2.6	2,959
MASSACHUSETTS	2,695,829	24,966	2,670,863	3,860	2,667,003	2,404,890	-3.2	260,312	-9.9	2,665,201	2,770,161	-3.8	1,901
MICHIGAN	4,904,019	126,817	4,777,202	28,592	4,748,610	4,203,413	-0.1	534,548	-0.2	4,737,961	4,743,343	-0.1	8,649
MINNESOTA	2,412,090	160,222	2,251,868	8,426	2,243,442	1,904,354	-4.4	334,510	-0.3	2,238,964	2,328,142	-3.8	4,578
MISSISSIPPI	1,593,411	26,423	1,566,988	-	1,565,988	1,236,862	-0.5	326,349	2.2	1,565,211	1,564,404	0.1	1,777
MISSOURI	3,346,785	36,824	3,309,961	33,057	3,276,904	2,682,602	0.3	594,302	-8.5	3,276,904	3,324,810	-1.4	-
MONTANA	572,710	-	572,710	18,792	553,918	424,141	0.8	129,346	3.7	549,467	541,769	1.4	4,431
NEBRASKA	1,016,800	10,935	1,004,865	10	1,004,855	784,570	-0.5	220,285	4.7	1,004,855	999,177	0.6	-
NEVADA	783,955	6,548	777,407	5,965	771,421	638,047	2.8	132,136	1.7	770,183	750,340	2.6	1,238
NEW HAMPSHIRE	561,748	7,325	554,423	4,409	550,014	497,440	-3.5	51,759	-14.1	549,199	575,595	-4.6	815
NEW JERSEY	3,949,906	169,504	3,780,402	5,080	3,775,322	3,352,835	-3.4	422,486	-7.2	3,775,322	3,927,020	-3.9	-
NEW MEXICO	1,034,066	20,921	1,013,145	2,693	1,010,452	787,814	-1.8	222,638	6.9	1,010,452	1,010,389	0.0	-
NEW YORK 6/	6,856,604	155,215	6,701,389	38,931	6,662,559	5,796,789	4.4	869,646	31.1	6,656,435	6,210,939	7.2	6,123
NORTH CAROLINA	3,565,175	53,581	3,511,594	1,061	3,510,533	3,210,537	-1.3	627,675	1.0	3,638,212	3,873,571	-0.9	72,321
NORTH DAKOTA	445,325	2,385	442,939	732	442,207	318,253	-2.5	93,125	-0.3	411,378	419,885	-2.0	30,829
OHIO	5,760,792	190,249	5,570,543	48,824	5,521,719	4,586,879	-3.8	917,942	-8.6	5,504,821	5,763,755	-4.6	16,898
OKLAHOMA	2,138,786	76,190	2,062,606	8,525	2,062,606	1,632,447	0.9	415,081	9.8	2,047,528	1,995,377	2.6	15,078
OREGON 7/	1,412,873	-	1,412,873	-	1,404,348	1,353,336	-0.2	46,831	11.5	1,400,167	1,397,559	0.2	4,181
PENNSYLVANIA	6,653,884	164,909	6,488,975	20,011	6,468,964	4,531,552	-0.8	931,630	0.5	6,463,182	5,498,138	-0.6	5,782
RHODE ISLAND	420,780	5,563	415,227	669	414,558	375,514	-1.0	39,044	-23.8	414,558	430,497	-3.7	-
SOUTH CAROLINA	2,269,160	14,550	2,254,610	42,897	2,211,713	1,850,176	2.9	381,497	1.3	2,211,713	2,174,238	2.6	-
SOUTH DAKOTA	494,799	6,561	488,138	22,802	465,336	361,933	0.5	100,902	7.6	462,835	453,867	2.0	2,501
TENNESSEE	3,100,256	31,923	3,068,333	45,078	3,023,255	2,417,252	-4.7	605,870	2.7	3,023,122	3,125,570	-3.3	133
TEXAS	10,265,717	65,556	10,219,161	15,933	10,202,228	8,774,325	3.9	1,396,915	-0.2	10,171,240	9,845,710	3.3	30,988
UTAH	809,706	30,489	779,217	4,926	774,291	689,108	-4.4	180,927	11.7	770,035	882,413	-1.4	4,256
VERMONT	332,430	2,927	329,503	20	329,523	287,712	2.3	41,831	-10.5	329,543	328,062	0.5	-
VIRGINIA	3,573,175	66,819	3,506,356	14,324	3,492,032	2,942,389	-0.4	546,920	-5.2	3,489,309	3,530,371	-2.2	7,723
WASHINGTON	2,668,926	17,832	2,651,094	10,889	2,640,205	2,286,685	1.0	345,833	-2.0	2,632,519	2,617,116	0.6	7,686
WEST VIRGINIA	1,041,510	4,415	1,037,095	2,664	1,034,431	841,595	1.7	192,826	5.3	1,034,421	1,010,720	2.3	10
WISCONSIN	2,569,558	24,378	2,545,180	18,494	2,526,686	2,082,990	0.1	443,596	2.5	2,526,686	2,514,343	0.5	-
WYOMING	482,636	795	482,041	6,530	475,511	295,356	-3.3	179,724	4.1	472,090	475,394	-0.7	1,421
TOTAL	136,424,543	2,084,185	134,340,358	663,240	133,677,110	112,260,178	-0.3	20,773,765	1.2	133,033,933	133,145,243	-0.1	643,177
PERCENTAGE	100.00	1.53	98.47	0.49	97.98	82.29	-	15.22	-	97.51	-	-	0.47

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.

4/ FOR TAX RATES AS OF JANUARY 1, 1990, AND FOR RATE CHANGES DURING THE YEAR, SEE TABLE MF-121I. STATES WITH VARIABLE RATES ARE ALSO IDENTIFIED IN TABLE MF-121I.  
5/ IN SOME STATES, FUEL USED FOR SPECIFIC PURPOSES IS TAXED OR REFUNDED AT RATES OTHER THAN THE PREVAILING RATES SHOWN IN TABLE MF-121I. IN THE CASE OF AVIATION FUEL, ONLY AVIATION GASOLINE IS INCLUDED.  
6/ PRELIMINARY DATA.  
7/ 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-FUEL TAX HAS BEEN PAID. FOR TOTAL HIGHWAY USE OF SPECIAL FUELS SEE TABLE MF-25.

Highway Statistics, 1990



# MOTOR-FUEL USE - 1990<sup>1</sup>

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

(THOUSANDS OF GALLONS)

TABLE MF-21  
OCTOBER 1991

STATE	PRIVATE AND COMMERCIAL USE			FEDERAL (HIGHWAY CIVILIAN USE ONLY)	PUBLIC USE (GASOLINE)			SUMMARY OF TOTAL USE				LOSSES ALLOWED FOR EVAPORATION, HANDLING, ETC. (GASOLINE) 2/	TOTAL QUANTITY CONSUMED	
	HIGHWAY	NON-HIGHWAY (GASOLINE)	TOTAL		STATE, COUNTY, AND MUNICIPAL			TOTAL	HIGHWAY		NON-HIGHWAY (GASOLINE)			TOTAL
					HIGHWAY	NON-HIGHWAY	TOTAL		AMOUNT	PERCENT CHANGE 1990 1989				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
ALABAMA	2,587,648	50,179	2,637,827	3,593	33,169	11,056	44,225	47,818	2,624,410	-1.2	61,235	2,685,645	2,393	2,687,978
ALASKA	312,341	32,936	345,277	2,099	5,235	1,745	6,980	9,079	319,676	22.7	34,681	354,356	460	354,816
ARIZONA	1,943,410	50,234	1,993,644	6,740	18,766	6,255	25,021	31,761	1,958,916	-2.8	56,469	2,025,405	-	2,025,405
ARKANSAS	1,569,283	38,639	1,607,922	2,020	18,310	6,103	24,413	26,433	1,589,613	-1.1	44,742	1,634,355	12,635	1,646,990
CALIFORNIA	14,383,970	276,953	14,660,923	31,489	245,204	81,735	326,939	358,428	14,660,663	-1.7	358,688	15,019,351	133,043	15,152,394
COLORADO	1,661,573	31,507	1,693,080	5,696	29,421	9,807	39,228	44,924	1,696,690	1.8	41,314	1,738,004	15,473	1,753,477
CONNECTICUT	1,465,043	30,678	1,495,721	2,469	20,400	6,800	27,200	29,669	1,487,912	-3.7	37,478	1,525,390	5,827	1,531,217
DELAWARE	381,148	12,910	394,058	570	4,026	1,342	5,368	5,698	394,744	-1.0	14,252	399,996	51	400,047
DIST. OF COL.	179,594	6,248	185,842	3,850	4,887	1,629	6,516	10,366	188,331	-4.8	7,877	196,208	-162	196,046
FLORIDA	6,481,958	245,958	6,727,916	10,899	181,685	60,562	242,247	253,146	6,674,542	-0.1	306,520	6,981,062	61,992	7,043,054
GEORGIA	4,255,169	97,289	4,352,458	5,420	62,422	20,807	83,229	88,649	4,323,011	0.2	118,096	4,441,107	-2,054	4,439,053
HAWAII	377,847	19,351	397,198	1,243	7,593	2,531	10,124	11,367	386,683	-0.4	21,882	408,565	3,743	412,308
IDAHO	570,842	21,431	592,273	3,216	19,076	6,359	25,435	28,651	593,134	6.4	27,790	620,924	4,977	625,901
ILLINOIS	6,124,138	90,128	6,214,266	7,737	55,333	18,444	73,777	81,514	6,187,208	6.0	108,572	6,295,780	52,633	6,348,313
INDIANA	3,259,818	61,398	3,321,216	3,205	52,913	17,638	70,551	73,756	3,315,936	0.3	79,036	3,394,972	26,964	3,421,936
IOWA	1,653,104	60,771	1,713,875	2,148	16,843	5,614	22,457	24,605	1,672,095	0.3	66,385	1,738,480	13,765	1,752,245
KANSAS	1,474,403	46,489	1,520,892	2,140	18,125	6,042	24,167	26,307	1,494,668	-2.6	52,631	1,547,199	12,490	1,559,689
KENTUCKY	2,208,921	48,874	2,257,795	3,445	57,194	19,065	76,259	79,704	2,269,560	-1.7	67,939	2,337,499	-	2,337,499
LOUISIANA	2,129,304	88,070	2,217,374	3,497	32,711	10,304	43,515	47,112	2,155,512	-5.3	98,974	2,254,486	521	2,255,007
MAINE	675,356	26,107	701,463	897	12,990	4,330	17,320	18,217	689,243	-1.6	30,437	719,680	2,578	722,258
MARYLAND	2,280,735	63,435	2,354,170	5,303	23,719	7,906	31,625	36,928	2,319,757	-2.8	71,341	2,391,098	54,836	2,445,934
MASSACHUSETTS	2,583,073	69,405	2,652,478	5,230	8,206	2,735	10,941	16,171	2,596,509	-4.2	72,140	2,668,649	24,329	2,692,978
MICHIGAN	4,578,761	118,250	4,697,011	6,199	93,622	31,207	124,829	131,028	4,678,582	-0.9	149,457	4,828,039	73,849	4,901,888
MINNESOTA	2,173,924	174,433	2,348,357	3,742	29,411	9,804	39,215	42,957	2,207,077	-3.6	184,237	2,391,314	20,776	2,412,090
MISSISSIPPI	1,500,891	48,797	1,549,688	2,703	21,277	7,092	28,369	31,072	1,524,871	0.8	55,889	1,580,760	12,651	1,593,411
MISSOURI	3,250,257	56,695	3,306,952	4,243	24,449	8,150	32,599	36,842	3,278,949	-0.9	64,845	3,343,794	2,027	3,345,821
MONTANA	522,166	33,058	555,224	3,133	10,765	3,588	14,353	17,486	536,064	1.3	36,646	572,710	-	572,710
NEBRASKA	938,044	48,119	986,163	2,054	19,991	6,664	26,655	28,709	960,089	1.8	54,783	1,014,872	733	1,015,605
NEVADA	744,151	14,612	758,763	4,221	10,817	3,606	14,423	18,644	759,189	2.6	18,218	777,407	6,548	783,955
NEW HAMPSHIRE	534,861	9,242	544,103	904	9,503	3,188	12,671	13,575	545,268	-5.1	12,410	557,678	3,510	561,188
NEW JERSEY	3,601,849	59,756	3,661,605	6,681	89,098	29,699	118,797	125,478	3,697,628	-3.9	89,455	3,787,083	-	3,787,083
NEW MEXICO	978,701	20,530	999,231	4,791	16,283	5,428	21,711	26,502	999,775	0.7	25,958	1,025,733	8,114	1,033,847
NEW YORK 3/	6,569,918	121,584	6,691,502	14,467	94,212	31,404	125,616	140,083	6,678,597	6.8	152,988	6,831,585	25,019	6,856,604
NORTH CAROLINA	3,740,004	3,930,823	3,891	94,670	31,557	126,227	130,118	3,838,565	3,960,941	0.0	122,376	3,960,941	3,375	3,964,316
NORTH DAKOTA	392,763	27,592	430,355	1,433	9,033	3,011	12,044	13,477	403,229	-2.3	40,603	443,832	-	443,832
OHIO	5,482,227	92,613	5,584,840	6,541	91,042	30,347	121,389	127,930	5,589,810	-3.4	122,960	5,712,770	47,959	5,760,729
OKLAHOMA	1,979,934	59,865	2,039,799	3,580	48,067	16,022	64,089	67,669	2,031,581	2.4	75,887	2,107,468	-	2,107,468
OREGON	1,614,944	38,457	1,653,401	5,572	34,126	11,375	45,501	51,073	1,654,642	1.3	49,832	1,704,474	-	1,704,474
PENNSYLVANIA	5,362,845	88,177	5,451,022	9,595	64,191	21,997	86,588	95,183	5,436,631	-0.8	109,574	5,546,205	47,223	5,593,428
RHODE ISLAND	395,879	15,183	411,062	718	4,978	1,659	6,637	7,355	401,575	-4.3	16,842	418,417	2,004	420,421
SOUTH CAROLINA	2,152,833	81,829	2,234,662	3,468	32,976	10,992	43,968	47,436	2,189,277	3.0	92,821	2,282,098	5,285	2,287,383
SOUTH DAKOTA	447,204	27,593	474,797	1,879	10,006	3,335	13,341	15,220	459,089	1.4	30,928	490,017	3,956	493,973
TENNESSEE	2,969,340	58,892	3,028,232	6,934	50,321	16,774	67,095	74,029	3,026,595	-1.9	75,666	3,102,261	-	3,102,261
TEXAS	9,567,997	291,275	9,859,272	15,904	295,087	98,362	393,449	409,353	9,878,988	1.2	389,637	10,268,625	28	10,268,653
UTAH	865,017	18,042	883,059	2,886	12,355	4,118	16,473	19,359	880,258	-0.6	22,160	902,418	7,288	909,706
VERMONT	315,421	6,738	322,159	430	5,240	1,747	6,987	7,425	321,099	1.2	9,485	329,584	2,906	332,490
VIRGINIA	3,424,078	63,105	3,487,183	6,375	52,792	17,597	70,389	76,764	3,483,245	-1.2	80,702	3,563,947	378	3,564,325
WASHINGTON	2,550,207	62,645	2,612,852	8,386	53,393	11,798	65,191	55,577	2,593,986	-0.4	74,443	2,668,429	5,730	2,674,159
WEST VIRGINIA	962,217	16,186	978,403	1,590	42,518	14,173	56,691	58,281	1,006,325	2.1	30,359	1,036,684	1,731	1,038,415
WISCONSIN	2,412,612	75,089	2,487,701	3,119	37,513	12,504	50,017	53,136	2,453,244	0.2	87,593	2,540,837	-	2,540,837
WYOMING	448,052	20,750	468,802	1,747	9,215	3,072	12,287	14,034	459,014	-2.0	23,822	482,836	-	482,836
TOTAL	129,055,775	3,318,916	132,374,691	250,100	2,277,179	759,059	3,036,238	3,286,338	131,583,054	-0.2	4,077,975	135,661,029	707,424	136,368,453
PERCENTAGE	95.13	2.45	97.58	0.18	1.68	0.56	2.24	2.42	96.99	-	3.01	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. GASOHOL 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 ALLOWANCES 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 GALLONS 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.

3/ PRELIMINARY DATA.

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

(THOUSANDS OF GALLONS)

TABLE MF-21A  
OCTOBER 1991

STATE	HIGHWAY				NONHIGHWAY			TOTAL
	PRIVATE AND COMMERCIAL	PUBLIC		TOTAL	PRIVATE AND COMMERCIAL	STATE, COUNTY, MUNICIPAL	TOTAL	
		FEDERAL	STATE, COUNTY, MUNICIPAL					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ALABAMA	2,016,557	3,593	33,169	2,053,319	50,179	11,056	61,235	2,114,554
ALASKA	228,817	2,099	5,235	236,151	32,936	1,745	34,681	270,832
ARIZONA	1,612,339	6,740	18,766	1,637,845	50,234	6,255	56,489	1,694,334
ARKANSAS	1,183,481	2,020	18,310	1,203,811	38,639	6,103	44,742	1,248,553
CALIFORNIA	12,531,360	31,489	245,204	12,808,053	276,953	81,735	358,688	13,166,741
COLORADO	1,455,358	5,696	29,421	1,490,475	31,507	9,807	41,314	1,531,789
CONNECTICUT	1,278,846	2,469	20,400	1,301,715	30,678	6,800	37,478	1,339,193
DELAWARE	327,882	570	4,026	332,478	12,910	1,342	14,252	346,730
DIST. OF COL.	156,776	3,850	4,887	165,513	6,248	1,629	7,877	173,390
FLORIDA	5,638,109	10,899	181,685	5,830,693	245,958	60,562	306,520	6,137,213
GEORGIA	3,387,733	5,420	62,422	3,455,575	97,289	20,807	118,096	3,573,671
HAWAII	352,052	1,243	7,593	360,888	19,351	2,531	21,882	382,770
IDAHO	442,607	3,216	19,076	464,899	21,431	6,359	27,790	492,689
ILLINOIS	5,029,138	7,737	55,333	5,092,208	90,128	18,444	108,572	5,200,780
INDIANA	2,532,892	3,205	52,913	2,589,010	61,398	17,638	79,036	2,668,046
IOWA	1,277,390	2,148	16,843	1,296,381	60,771	5,614	66,385	1,362,766
KANSAS	1,160,335	2,140	18,125	1,180,600	46,489	6,042	52,531	1,233,131
KENTUCKY	1,719,269	3,445	57,194	1,779,908	48,874	19,065	67,939	1,847,847
LOUISIANA	1,754,706	3,497	32,711	1,790,914	88,070	10,964	99,034	1,889,888
MAINE	563,977	897	12,990	577,864	26,107	4,330	30,437	608,301
MARYLAND	1,936,006	5,303	23,719	1,965,028	63,435	7,906	71,341	2,036,369
MASSACHUSETTS	2,321,022	5,230	8,206	2,334,458	69,405	2,735	72,140	2,406,598
MICHIGAN	4,044,213	6,199	93,622	4,144,034	118,250	31,207	149,457	4,293,491
MINNESOTA	1,839,414	3,742	29,411	1,872,567	174,433	9,804	184,237	2,056,804
MISSISSIPPI	1,172,542	2,703	21,277	1,196,522	48,797	7,092	55,889	1,252,411
MISSOURI	2,655,955	4,243	24,449	2,684,647	56,695	8,150	64,845	2,749,492
MONTANA	396,820	3,133	10,765	410,718	33,058	3,588	36,646	447,364
NEBRASKA	717,760	2,054	19,991	739,805	48,119	6,664	54,783	794,588
NEVADA	612,015	4,221	10,817	627,053	14,612	3,606	18,218	645,271
NEW HAMPSHIRE	483,102	904	9,503	493,509	9,242	3,168	12,410	505,919
NEW JERSEY	3,179,363	6,681	89,098	3,275,142	59,756	29,699	89,455	3,364,597
NEW MEXICO	756,063	4,791	16,283	777,137	20,530	5,428	25,958	803,095
NEW YORK 2/	5,710,272	14,467	94,212	5,818,951	121,584	31,404	152,988	5,971,939
NORTH CAROLINA	3,112,329	3,891	94,670	3,210,890	90,819	31,557	122,376	3,333,266
NORTH DAKOTA	299,638	1,433	9,033	310,104	37,592	3,011	40,603	350,707
OHIO	4,527,359	6,541	91,042	4,624,942	92,613	30,347	122,960	4,747,902
OKLAHOMA	1,567,807	3,580	48,067	1,619,454	59,865	16,022	75,887	1,695,341
OREGON	1,275,994	5,572	34,126	1,315,692	38,457	11,375	49,832	1,365,524
PENNSYLVANIA	4,431,215	9,595	64,191	4,505,001	88,177	21,397	109,574	4,614,575
RHODE ISLAND	355,052	718	4,978	360,748	15,183	1,659	16,842	377,590
SOUTH CAROLINA	1,730,208	3,468	32,976	1,766,652	81,829	10,992	92,821	1,859,473
SOUTH DAKOTA	346,302	1,879	10,006	358,187	27,593	3,335	30,928	389,115
TENNESSEE	2,361,465	6,934	50,321	2,418,720	58,892	16,774	75,666	2,494,386
TEXAS	8,141,742	15,904	295,087	8,452,733	291,275	98,362	389,637	8,842,370
UTAH	684,090	2,886	12,355	699,331	18,042	4,118	22,160	721,491
VERMONT	273,570	438	5,240	279,248	6,738	1,747	8,485	287,733
VIRGINIA	2,879,115	6,375	52,792	2,938,282	63,105	17,597	80,702	3,018,984
WASHINGTON	2,187,179	8,386	35,393	2,230,958	62,645	11,798	74,443	2,305,401
WEST VIRGINIA	769,391	1,590	42,518	813,499	16,186	14,173	30,359	843,858
WISCONSIN	1,968,916	3,119	37,513	2,009,548	75,089	12,504	87,593	2,097,141
WYOMING	271,328	1,747	9,215	282,290	20,750	3,072	23,822	306,112
TOTAL	107,656,871	250,100	2,277,179	110,184,150	3,318,916	759,059	4,077,975	114,262,125

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

2/ PRELIMINARY DATA.

PRIVATE AND COMMERCIAL NONHIGHWAY USE OF GASOLINE - 1990<sup>1</sup>COMPILED FOR THE CALENDAR YEAR  
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-24  
OCTOBER 1991

STATE	AGRICULTURE	AVIATION 2/	INDUSTRIAL AND COMMERCIAL	CONSTRUCTION	MARINE	MISCEL- LANEOUS 3/	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ALABAMA	8,403	4,638	6,815	3,789	26,534	-	50,179
ALASKA	234	19,769	1,599	518	10,328	488	32,936
ARIZONA	10,824	7,806	4,723	6,027	16,089	4,765	50,234
ARKANSAS	11,827	5,009	3,311	2,709	15,783	-	38,639
CALIFORNIA	39,690	44,490	51,903	44,033	95,910	927	276,953
COLORADO	11,278	6,693	2,869	3,363	5,750	1,554	31,507
CONNECTICUT	1,056	3,745	4,794	5,410	13,725	1,948	30,678
DELAWARE	740	3,120	234	1,104	7,553	159	12,910
DIST. OF COL.	-	-	1,007	2,842	985	1,414	6,248
FLORIDA	6,641	32,397	19,174	20,019	167,727	-	245,958
GEORGIA	12,409	7,841	32,388	10,423	32,765	1,463	97,289
HAWAII	1,492	10,960	1,544	2,688	2,667	-	19,351
IDAHO	12,270	1,539	2,195	648	4,779	-	21,431
ILLINOIS	31,204	6,571	7,777	15,240	23,743	5,593	90,128
INDIANA	13,524	12,161	5,672	7,601	16,034	6,406	61,398
IOWA	33,380	3,991	10,279	2,294	10,361	466	60,771
KANSAS	24,847	5,481	5,515	2,427	7,313	906	46,489
KENTUCKY	15,089	2,036	16,994	4,282	10,473	-	48,874
LOUISIANA	6,915	4,356	3,034	4,495	66,552	2,718	88,070
MAINE	1,766	2,485	1,404	861	19,591	-	26,107
MARYLAND	2,767	2,959	1,915	8,043	45,736	2,015	63,435
MASSACHUSETTS	1,321	3,886	7,560	8,870	47,563	205	69,405
MICHIGAN	20,767	8,649	9,058	12,048	65,909	1,819	118,250
MINNESOTA	37,266	8,586	4,309	6,326	60,484	57,462	174,433
MISSISSIPPI	10,215	5,295	13,189	1,368	18,730	-	48,797
MISSOURI	20,786	5,083	2,246	5,417	21,071	2,092	56,695
MONTANA	18,792	4,431	7,159	405	2,271	-	33,058
NEBRASKA	35,231	3,316	4,086	1,416	4,070	-	48,119
NEVADA	1,360	4,459	3,068	2,873	2,852	-	14,612
NEW HAMPSHIRE	522	831	614	1,221	6,054	-	9,242
NEW JERSEY	2,598	4,807	6,576	10,536	32,581	2,658	59,756
NEW MEXICO	3,419	3,419	9,385	1,358	2,949	-	20,530
NEW YORK 4/	13,826	3,115	13,815	21,476	49,269	20,083	121,584
NORTH CAROLINA	20,095	8,558	5,091	9,408	45,708	1,959	90,819
NORTH DAKOTA	29,536	1,131	4,114	621	2,190	-	37,592
OHIO	16,108	9,601	8,899	16,723	26,209	15,073	92,613
OKLAHOMA	17,652	5,884	15,752	2,366	18,211	-	59,865
OREGON	10,800	4,868	5,129	2,314	15,049	297	38,457
PENNSYLVANIA	11,339	5,782	26,164	13,121	23,099	8,672	88,177
RHODE ISLAND	144	1,693	198	1,145	12,003	-	15,183
SOUTH CAROLINA	8,007	4,060	18,008	4,142	47,612	-	81,829
SOUTH DAKOTA	16,959	3,745	3,477	528	2,881	3	27,593
TENNESSEE	15,157	6,980	4,088	5,770	23,791	3,106	58,892
TEXAS	58,863	33,588	110,135	16,944	71,745	-	291,275
UTAH	4,926	4,256	1,931	1,653	5,276	-	18,042
VERMONT	1,848	590	1,076	545	2,677	-	6,738
VIRGINIA	7,973	2,723	13,453	8,822	27,238	2,896	63,105
WASHINGTON	11,694	12,583	11,271	5,246	21,591	260	62,645
WEST VIRGINIA	1,955	1,446	7,767	970	4,048	-	16,186
WISCONSIN	24,039	4,885	3,969	5,431	35,566	1,199	75,089
WYOMING	11,666	1,421	5,914	305	1,326	118	20,750
TOTAL	681,220	357,718	512,649	318,184	1,300,421	148,724	3,318,916
PERCENTAGE	20.52	10.78	15.45	9.59	39.18	4.48	100.00

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

2/ DOES NOT INCLUDE AVIATION JET FUEL.

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

4/ PRELIMINARY DATA.

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



# PRIVATE AND COMMERCIAL HIGHWAY USE OF SPECIAL FUELS BY MONTHS - 1990<sup>1</sup>

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

(THOUSANDS OF GALLONS)

TABLE MF-25  
OCTOBER 1991

STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL 2/	CHANGE FROM 1989	
														GALLONS	PER- CENT
ALABAMA	43,232	41,290	48,885	48,486	50,484	50,085	52,027	51,341	46,087	47,115	45,801	46,258	571,091	35,955	6.7
ALASKA	5,671	5,346	6,640	7,141	7,684	8,068	8,270	8,202	7,358	7,225	5,897	6,022	83,524	25,052	42.8
ARIZONA	27,148	26,353	29,100	27,280	28,009	28,009	27,876	28,606	26,751	28,439	26,519	26,982	331,071	5,377	1.7
ARKANSAS	29,205	27,585	32,369	32,755	34,568	34,375	35,260	34,414	31,173	33,025	31,559	29,514	395,802	-436	-0.1
CALIFORNIA	140,057	133,388	159,695	156,916	162,844	162,103	168,958	171,183	154,322	154,322	142,651	149,135	1,852,510	-91,721	-4.7
COLORADO	15,610	14,538	16,889	16,842	18,188	18,704	19,405	19,817	17,776	17,446	15,831	15,569	206,218	18,500	9.9
CONNECTICUT	13,965	13,220	15,194	15,696	16,385	16,404	16,739	17,241	15,920	15,864	14,859	14,710	186,197	-13,813	-8.9
DELAWARE	3,713	3,526	4,128	4,229	4,725	4,948	5,487	5,380	4,682	4,458	4,128	3,862	53,266	-210	-0.4
DIST. OF COL.	1,554	2,044	1,933	1,743	1,944	2,038	1,670	1,782	2,040	2,177	1,871	2,022	22,818	-538	-2.3
FLORIDA	70,799	67,592	77,972	73,668	71,474	69,702	69,533	69,871	84,310	68,858	68,267	69,702	843,849	-16,144	-1.9
GEORGIA	64,624	59,072	70,176	74,886	76,421	76,768	79,284	80,412	73,732	74,079	68,961	69,221	867,436	19,703	2.3
HAWAII	2,035	2,239	2,159	2,162	2,254	2,239	2,344	2,285	2,097	2,159	2,027	2,120	26,795	1,208	4.9
IDAHO	8,848	8,617	10,464	10,708	11,387	11,759	12,734	12,490	11,477	10,900	9,836	9,015	128,235	15,101	13.3
ILLINOIS	83,439	77,964	91,323	91,652	95,375	96,251	99,765	101,723	91,871	93,294	87,162	85,191	1,095,000	88,984	8.8
INDIANA	53,284	49,794	58,954	60,553	64,260	65,060	67,895	68,185	61,134	62,516	59,172	56,119	726,926	-9,703	-1.3
IOWA	24,384	22,766	27,239	28,667	31,222	31,447	32,837	32,837	29,306	29,907	27,577	25,248	375,714	22,790	6.5
KANSAS	20,917	19,127	23,335	24,152	25,973	26,036	26,319	26,319	23,806	24,466	23,178	22,393	314,068	5,551	1.8
KENTUCKY	36,430	36,234	41,180	42,404	44,021	45,285	43,393	43,873	40,200	41,571	38,144	39,927	489,652	-25,785	-5.0
LOUISIANA	31,316	29,443	32,777	32,890	33,865	32,530	32,655	32,777	30,080	30,268	28,357	27,570	374,598	-247	-0.1
MAINE	7,874	7,852	9,356	9,334	9,936	10,414	10,347	11,082	8,966	9,155	7,563	9,501	111,379	-12,202	-9.9
MARYLAND	26,676	25,221	29,443	30,294	31,890	31,074	32,351	32,387	29,052	30,010	28,769	27,562	354,729	-579	-0.2
MASSACHUSETTS	19,732	17,950	21,541	21,488	22,825	23,951	24,476	24,686	22,248	22,091	20,754	20,309	262,051	-28,532	-9.8
MICHIGAN	39,824	36,242	43,619	43,940	47,147	48,109	48,965	50,408	45,971	46,345	43,459	40,519	534,548	-922	-0.2
MINNESOTA	24,720	23,048	26,460	27,363	29,571	30,407	31,645	32,531	28,534	28,969	26,393	25,690	334,510	-1,040	-0.3
MISSISSIPPI	22,196	22,098	27,811	26,334	29,453	30,077	32,407	31,226	26,137	28,534	27,089	24,987	328,349	7,158	2.2
MISSOURI	43,384	40,413	47,841	49,505	53,249	54,260	55,567	55,508	50,813	52,299	47,485	43,978	594,302	-64,974	-8.5
MONTANA	8,674	8,160	9,564	10,191	11,181	12,121	12,985	12,873	11,081	11,081	9,489	8,448	125,346	4,429	3.7
NEBRASKA	15,706	14,429	17,601	18,086	20,134	20,519	21,741	21,346	18,768	18,724	16,830	16,301	220,284	9,817	4.7
NEVADA	10,016	9,144	10,835	10,796	10,954	11,720	12,434	12,724	10,650	11,615	10,809	10,439	132,136	2,178	1.7
NEW HAMPSHIRE	3,866	3,577	4,141	4,099	4,498	4,700	4,881	5,195	4,477	4,462	3,534	3,929	51,759	-8,507	-14.1
NEW JERSEY	33,883	30,958	35,700	34,559	36,207	36,714	36,925	37,866	35,193	36,461	34,390	33,630	422,488	-32,879	-7.2
NEW MEXICO	17,277	16,097	19,347	17,787	19,459	19,748	19,637	20,325	17,578	17,993	16,433	17,677	222,638	14,293	6.9
NEW YORK 3/	63,872	58,714	69,803	69,545	76,680	75,391	80,205	82,269	72,468	75,133	68,170	67,396	859,646	146,005	20.5
NORTH CAROLINA	48,398	47,201	52,160	54,043	55,486	55,863	54,984	56,617	50,967	54,294	48,770	47,892	627,675	5,915	1.0
NORTH DAKOTA	6,519	5,783	6,984	7,394	8,717	8,782	9,126	9,191	8,242	8,325	7,273	6,789	93,125	-303	-0.3
OHIO	73,137	68,506	81,821	79,891	82,014	84,426	87,514	89,249	80,374	82,110	77,768	78,058	964,888	-86,752	-8.2
OKLAHOMA	31,239	29,220	34,371	34,165	36,844	37,133	37,299	36,679	33,423	34,660	34,390	32,764	412,127	19,863	5.1
OREGON 4/	23,862	21,896	27,929	27,997	29,828	31,353	33,319	32,709	30,506	28,675	26,777	24,099	338,950	23,415	7.4
PENNSYLVANIA	68,941	65,680	76,859	77,512	81,890	81,424	83,754	86,082	78,723	82,170	76,207	72,388	931,630	4,924	0.5
RHODE ISLAND	2,813	2,837	3,278	3,352	3,674	3,728	4,001	3,891	3,458	3,438	3,186	3,172	40,827	-12,594	-23.6
SOUTH CAROLINA	30,894	31,021	36,599	36,788	36,726	36,473	37,909	38,079	35,416	36,303	33,430	33,007	422,625	14,834	3.6
SOUTH DAKOTA	6,811	6,327	7,285	7,991	9,233	10,231	10,978	10,989	8,738	8,082	7,416	6,631	100,902	7,136	7.6
TENNESSEE	46,887	42,856	48,381	51,913	54,770	51,730	55,134	57,322	49,724	50,597	48,238	49,238	607,875	17,686	3.0
TEXAS	114,956	109,822	125,083	121,232	124,084	121,660	125,734	125,734	115,384	114,243	115,049	113,673	1,426,255	-4,306	-0.3
UTAH	13,678	12,918	15,053	14,818	15,505	15,976	16,501	16,809	15,451	15,605	14,420	14,293	180,927	18,987	11.7
VERMONT	3,185	2,967	3,298	3,277	3,603	3,762	3,942	4,052	3,641	3,695	3,227	3,202	41,851	-4,893	-10.5
VIRGINIA	41,690	39,128	45,123	45,341	48,066	49,374	49,319	50,517	45,777	44,741	42,344	43,543	544,963	-31,688	-5.5
WASHINGTON	27,118	24,488	30,785	29,841	32,092	32,491	34,633	35,032	31,729	29,587	28,824	26,428	363,028	-1,826	-0.4
WEST VIRGINIA	14,520	13,980	16,024	16,429	17,065	16,930	17,123	17,412	16,525	16,352	15,175	15,291	192,826	12,313	6.8
WISCONSIN	30,748	28,796	33,854	35,274	40,243	40,864	43,528	43,393	39,533	38,823	36,028	32,612	443,696	10,738	2.5
WYOMING	11,399	10,550	13,997	13,625	15,834	17,319	19,210	19,122	16,029	14,898	12,812	11,929	176,724	6,902	4.1
TOTAL	1,611,706	1,517,683	1,780,368	1,786,583	1,879,940	1,888,695	2,011,140	1,971,159	1,782,099	1,805,893	1,698,493	1,655,156	21,398,904	124,216	0.6
PERCENTAGE	7.53	7.09	8.32	8.35	8.78	8.83	9.40	9.21	8.33	8.44	7.94	7.78	100.00	-	-

Highway Statistics, 1990

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. SPECIAL FUELS AS SHOWN IN TABLE MF-25 CONSIST PRIMARILY OF DIESEL FUEL WITH SMALL AMOUNTS OF LIQUEFIED PETROLEUM GASES. HIGHWAY USE OF SPECIAL FUELS IS REPORTED BY THE STATES. IN ORDER TO APPROXIMATE ACTUAL USE, THE MONTHLY DISTRIBUTIONS ARE ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION USING TRAVEL DATA.  
2/ FOR SOME STATES, DATA ARE NOT COMPARABLE TO PRIOR YEARS DUE TO CHANGES IN DATA

ANALYSIS AND/OR IMPROVEMENTS IN REPORTING PROCEDURES.  
3/ PRELIMINARY DATA.  
4/ VEHICLES CONSUMING SPECIAL FUELS AND PAYING MILEAGE TAX TO THE PUBLIC UTILITY COMMISSIONER ARE NOT REQUIRED TO PAY THE GALLONAGE TAX. GALLONAGE REPORTED HERE INCLUDES MOTOR FUEL CONSUMED BY VEHICLES THAT PAY THE MILEAGE TAX. THIS GALLONAGE IS ESTIMATED BY THE STATE.

# HIGHWAY USE OF GASOLINE BY MONTHS - 1990<sup>1</sup>

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

(THOUSANDS OF GALLONS)

TABLE MF-26  
OCTOBER 1991

STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL 2/	CHANGE FROM 1989	
														GALLONS	PER- CENT
ALABAMA	155,436	148,455	175,764	174,326	181,514	180,076	187,057	184,593	165,703	169,399	164,677	166,319	2,053,319	-3,957	-0.2
ALASKA	15,035	15,113	18,774	20,191	21,726	22,813	23,378	23,190	20,805	20,427	16,572	17,027	236,151	34,011	16.8
ARIZONA	134,303	130,373	143,968	134,959	138,561	135,551	137,907	141,509	132,337	140,591	151,191	133,485	1,637,845	-61,847	-3.6
ARKANSAS	91,129	85,072	101,000	102,203	107,861	107,260	110,931	107,379	97,266	103,046	98,471	92,091	1,203,811	-16,946	-1.4
CALIFORNIA	968,289	922,180	1,104,054	1,084,842	1,125,828	1,120,705	1,168,094	1,183,454	1,066,911	1,045,418	986,220	1,031,048	12,808,053	-168,016	-1.3
COLORADO	112,829	105,079	122,070	120,281	131,460	135,186	140,254	143,234	128,479	126,094	112,978	112,531	1,490,475	11,481	0.8
CONNECTICUT	97,628	92,422	106,220	109,735	114,551	114,881	117,024	120,541	111,296	110,906	103,876	102,835	1,301,715	-43,941	-3.3
DELAWARE	23,173	22,010	25,757	26,399	29,490	30,888	34,246	33,580	29,225	27,829	25,767	24,104	332,478	-3,878	-1.2
DIST. OF COL.	11,271	14,830	14,019	12,645	14,102	14,780	12,116	12,927	14,797	15,790	13,572	14,664	165,513	-8,963	-5.1
FLORIDA	489,195	467,039	538,755	509,020	493,860	481,615	460,449	482,761	458,875	475,785	471,703	481,615	5,890,693	9,978	0.2
GEORGIA	257,440	235,325	279,556	297,525	304,436	305,818	315,839	293,724	295,106	274,718	275,755	275,755	3,455,575	-10,139	-0.3
HAWAII	28,474	26,778	30,206	30,242	31,542	31,325	32,769	31,975	29,340	30,206	28,366	28,665	360,888	-2,600	-0.7
IDAHO	32,078	31,242	37,936	38,819	41,283	42,631	46,155	45,281	41,608	39,516	35,657	32,682	464,899	20,358	4.6
ILLINOIS	368,026	362,555	424,690	426,217	443,531	447,605	463,900	473,068	427,236	433,856	405,340	396,174	5,092,208	258,946	5.4
INDIANA	189,774	177,348	209,968	215,664	228,869	231,716	241,813	242,854	217,736	222,654	210,745	199,871	2,589,010	19,209	0.7
IOWA	84,135	78,561	93,988	98,914	107,729	108,507	124,662	113,304	101,117	103,192	95,155	87,117	1,296,381	-17,379	-1.3
KANSAS	78,628	71,898	87,719	90,788	97,636	97,872	204,351	98,934	89,490	91,959	87,128	84,177	1,180,600	-45,214	-3.7
KENTUCKY	132,425	131,713	149,690	154,140	160,132	157,344	157,700	159,480	146,131	151,115	136,555	141,503	1,779,908	-12,326	-0.7
LOUISIANA	149,721	140,766	156,705	157,242	161,897	155,810	155,705	156,168	143,811	144,705	135,572	131,812	1,790,914	-121,427	-6.3
MAINE	40,855	40,740	46,540	48,425	51,545	54,030	53,684	57,498	46,518	47,501	39,237	49,291	577,864	702	0.1
MARYLAND	147,770	139,714	163,097	167,813	176,656	172,137	179,211	179,407	160,936	166,241	159,363	152,683	1,965,028	-66,676	-3.3
MASSACHUSETTS	175,785	191,892	191,892	191,426	203,331	213,370	218,038	219,404	198,196	196,795	184,890	180,920	2,334,458	-85,055	-3.5
MICHIGAN	308,730	280,966	338,153	340,639	365,504	372,963	379,593	390,783	356,387	359,288	336,910	314,118	4,144,034	-42,139	-1.0
MINNESOTA	138,383	129,020	148,120	153,176	165,535	170,216	177,144	177,520	159,730	162,164	147,745	143,814	1,872,567	-81,830	-4.2
MISSISSIPPI	80,885	80,526	101,346	95,961	107,328	109,601	118,097	113,789	95,243	103,977	98,713	91,066	1,196,522	4,857	0.4
MISSOURI	195,979	182,556	216,114	223,631	240,545	245,108	251,015	250,746	236,249	238,249	214,503	198,664	2,684,647	25,812	1.0
MONTANA	28,422	26,738	31,338	33,391	36,636	39,716	42,550	42,181	36,307	34,655	31,091	27,683	410,718	2,412	0.6
NEBRASKA	52,748	48,457	59,110	60,738	67,618	69,245	73,019	71,667	63,032	62,884	56,521	54,746	739,805	7,087	1.0
NEVADA	47,531	43,392	51,418	51,230	51,983	55,220	59,006	60,384	50,541	55,118	51,293	49,537	627,053	17,026	2.8
NEW HAMPSHIRE	36,866	34,101	39,480	39,006	42,886	44,810	46,538	49,550	42,689	42,540	37,506	37,457	493,509	-20,858	-4.1
NEW JERSEY	262,667	240,068	276,750	267,907	280,690	284,610	286,248	293,451	272,819	282,544	266,597	260,701	3,275,142	-117,231	-3.5
NEW MEXICO	60,306	55,187	67,533	62,015	67,521	66,932	69,243	70,955	62,404	69,087	60,849	61,705	777,137	-7,404	-0.9
NEW YORK 3/	432,348	397,434	472,499	470,753	519,051	510,322	542,908	556,873	490,538	508,576	461,443	456,206	5,818,951	278,034	5.0
NORTH CAROLINA	252,697	241,459	266,825	276,457	283,843	285,769	281,274	289,622	260,724	277,742	249,487	244,991	3,210,850	-5,800	-0.2
NORTH DAKOTA	21,707	19,258	23,258	24,622	29,025	29,242	30,390	30,609	27,444	27,724	24,219	22,606	310,104	-9,666	-2.8
OHIO	350,571	328,371	392,195	382,945	393,120	404,682	419,482	427,807	385,257	393,583	372,771	374,158	4,824,942	-112,984	-2.4
OKLAHOMA	122,755	114,819	135,063	134,253	144,779	145,912	146,559	144,132	131,338	136,196	134,901	128,747	1,619,454	27,965	1.8
OREGON	92,825	84,994	108,414	108,676	115,780	121,701	129,332	126,984	118,412	111,308	103,940	99,546	1,315,892	-2,401	-0.2
PENNSYLVANIA	333,370	317,502	371,663	374,816	395,990	393,798	404,999	416,263	380,672	397,341	368,509	350,038	4,505,001	-49,639	-1.1
RHODE ISLAND	24,856	25,072	28,968	29,617	32,468	32,936	35,384	34,379	30,555	30,375	28,138	28,030	360,748	-5,519	-1.5
SOUTH CAROLINA	129,142	129,672	152,892	153,699	153,522	152,462	158,469	159,175	148,045	151,756	139,742	137,976	1,766,652	49,546	2.9
SOUTH DAKOTA	24,178	22,458	25,861	28,333	32,774	36,321	38,971	39,005	31,019	28,691	26,327	24,249	358,187	-909	-0.3
TENNESSEE	186,493	170,520	184,548	206,558	217,926	205,833	219,378	228,088	197,851	201,721	203,898	195,916	2,418,720	-76,453	-3.1
TEXAS	681,290	650,860	741,304	718,482	735,388	721,018	742,150	745,534	683,826	677,064	682,136	675,682	8,452,733	122,186	1.5
UTAH	52,870	49,932	58,184	57,275	59,933	61,751	63,779	64,867	59,723	59,933	55,737	55,247	699,331	-24,054	-3.3
VERMONT	21,251	19,799	22,005	21,865	24,044	25,105	26,306	27,028	24,295	24,658	21,530	21,362	279,248	8,788	3.2
VIRGINIA	224,779	210,959	243,290	244,455	259,156	266,209	265,915	272,360	246,816	241,233	228,304	234,768	2,836,282	-11,973	-0.4
WASHINGTON	166,553	150,367	189,185	183,385	197,216	199,671	212,833	215,268	194,985	181,823	177,138	162,414	2,230,358	-7,582	-0.3
WEST VIRGINIA	61,256	58,979	67,425	69,310	71,995	71,425	72,239	73,458	69,717	68,984	64,023	64,511	813,499	8,566	1.1
WISCONSIN	139,262	130,420	153,329	159,759	182,266	185,080	197,135	196,534	179,051	175,836	163,175	147,701	2,009,548	-5,070	-0.3
WYOMING	16,207	16,853	22,357	21,785	25,294	27,664	30,685	30,543	25,604	23,797	20,467	19,054	282,290	-16,145	-5.4
TOTAL	8,353,215	7,861,983	9,213,283	9,206,625	9,667,626	9,702,391	10,226,015	10,131,097	9,176,100	9,286,198	8,747,565	8,812,052	110,184,150	-358,478	-0.3
PERCENTAGE	7.58	7.14	8.36	8.36	8.77	8.80	9.28	9.19	8.33	8.43	7.94	7.82	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. 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 GALLONS 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-33GA. TABLE MF-26 SHOWS HIGHWAY USE ONLY WHILE TABLE MF-33GA REFLECTS GROSS GALLONS OF GASOLINE REPORTED BY WHOLESALE DISTRIBUTORS TO THE STATE TAXING AGENCIES EACH MONTH. GASOLINE IS INCLUDED WITH GASOLINE. 2/ FOR SOME STATES, DATA ARE NOT COMPARABLE TO PRIOR YEARS DUE TO CHANGES IN DATA ANALYSIS AND/OR IMPROVEMENTS IN REPORTING PROCEDURES. 3/ PRELIMINARY DATA.

**MONTHLY GASOLINE REPORTED BY STATES - 1990 <sup>1</sup>**

COMPILED FOR THE CALENDAR YEAR  
FROM STATE FUEL-TAX REPORTS

(THOUSANDS OF GALLONS)

TABLE MF-390A  
OCTOBER 1991

STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	CHANGE FROM 1989	
														GALLONS	PER-CENT
ALABAMA	165,939	154,414	185,531	177,038	189,481	183,308	186,464	191,705	161,861	177,862	173,545	172,296	2,120,444	-1,667	-0.1
ALASKA	14,609	13,819	15,265	15,179	61,944	26,920	28,974	26,229	23,926	20,266	18,780	18,203	274,133	35,116	14.7
ARIZONA	137,580	145,211	138,086	145,949	132,623	148,067	140,193	129,330	145,194	152,291	144,595	135,215	1,894,334	-50,220	-2.9
ARKANSAS	51,870	130,912	73,849	86,300	162,226	111,317	121,139	100,770	115,817	100,325	48,280	159,346	1,262,151	-12,848	-1.0
CALIFORNIA	1,077,869	1,028,542	1,159,457	1,119,390	1,138,520	1,150,282	1,168,326	1,159,701	1,062,314	1,106,746	1,068,403	1,065,829	13,304,359	-34,472	-0.3
COLORADO	115,747	111,459	127,856	126,178	141,899	137,855	138,313	153,285	124,428	133,247	115,404	120,549	1,547,261	11,612	0.8
CONNECTICUT	106,820	100,480	116,556	105,036	116,537	118,458	114,805	120,385	107,716	114,115	114,582	113,141	1,348,658	-38,064	-2.7
DELAWARE	25,733	25,323	28,707	29,136	50,027	11,492	31,992	33,371	27,627	28,956	27,527	27,090	346,961	-2,274	-0.7
DIST. OF COL.	15,152	13,309	15,607	14,764	14,604	14,436	14,833	15,137	14,007	14,235	14,043	14,048	174,175	-8,499	-4.7
FLORIDA	535,235	518,116	505,259	574,248	525,085	520,778	500,919	509,899	522,195	465,047	503,673	486,343	6,166,807	28,715	0.5
GEORGIA	273,834	260,656	312,408	275,671	330,619	307,471	306,617	317,506	278,013	299,760	294,924	294,138	3,571,616	-2,258	-0.1
HAWAII	31,198	31,090	32,407	33,282	33,420	33,566	34,887	33,811	32,390	32,637	31,546	28,535	388,769	-3,726	-0.9
IDaho	38,274	35,733	33,357	33,269	41,609	37,407	40,713	45,978	46,429	56,150	42,605	44,602	496,127	6,380	1.3
ILLINOIS	408,586	408,889	465,227	481,644	411,438	391,451	395,353	433,748	457,293	478,724	455,275	465,753	5,263,312	259,649	5.2
INDIANA	202,733	191,559	227,402	220,464	233,439	236,753	240,534	246,153	215,356	235,317	221,785	224,783	2,696,418	21,320	0.8
IOWA	100,964	94,484	106,408	120,711	123,056	108,290	143,584	124,989	95,928	142,902	95,548	119,666	1,976,530	-33,421	-2.4
KANSAS	92,657	90,005	108,008	101,766	112,561	116,209	111,709	113,931	85,945	104,224	100,262	101,742	1,249,019	-45,212	-3.5
KENTUCKY	118,598	153,417	143,115	168,375	170,541	161,477	156,200	174,641	146,076	157,958	148,210	154,262	1,850,870	-11,019	-0.6
LOUISIANA	146,765	138,868	163,121	157,140	135,177	169,250	167,417	186,875	145,425	162,707	153,340	169,592	1,897,977	-145,609	-7.1
MAINE	61,560	37,905	54,199	42,473	52,990	54,431	60,256	60,884	50,859	52,286	42,695	60,856	611,394	-16,245	-2.6
MARYLAND	166,833	160,287	195,288	183,220	183,323	175,385	190,243	189,391	171,300	183,326	177,876	114,733	2,091,205	-66,643	-3.1
MASSACHUSETTS	192,921	180,840	208,123	195,044	212,527	213,975	191,726	241,250	193,792	204,380	199,030	198,864	2,432,912	-87,131	-3.5
MICHIGAN	344,302	314,697	358,277	352,822	390,399	387,353	391,303	412,546	337,577	372,412	363,925	347,100	4,371,053	363,925	8.3
MINNESOTA	144,789	154,652	162,829	164,450	186,586	182,768	196,846	177,129	194,750	180,346	165,939	164,397	2,077,581	-24,791	-1.2
MISSISSIPPI	84,797	92,005	115,670	99,310	118,895	107,365	108,238	115,830	94,174	108,075	106,249	104,554	1,265,062	6,776	0.5
MISSOURI	208,807	198,740	230,116	218,391	252,839	245,629	249,075	250,767	220,082	235,178	228,086	214,773	2,752,483	-5,900	-0.2
MONTANA	28,291	28,612	34,481	33,813	38,925	43,122	49,909	49,221	37,919	36,056	35,748	30,965	447,363	3,344	0.8
NEBRASKA	55,395	55,079	67,979	62,561	70,617	70,501	75,505	68,717	63,437	67,221	64,291	68,197	795,516	-5,600	-0.7
NEVADA	51,415	50,358	46,995	54,317	52,845	50,733	61,948	58,064	62,802	53,205	53,384	55,752	651,819	18,551	2.9
NEW HAMPSHIRE	39,937	38,289	40,861	39,436	42,612	43,619	47,177	50,800	41,855	43,637	40,959	41,045	510,137	-15,916	-3.2
NEW JERSEY	302,511	228,736	328,179	284,872	238,093	375,686	308,278	247,482	291,079	348,928	267,598	273,983	3,527,419	-9,744	-0.1
NEW MEXICO	54,360	61,351	52,175	79,562	73,298	73,021	73,021	73,841	66,990	66,520	66,798	58,140	611,428	-9,137	-1.1
NEW YORK 2/	416,789	492,771	588,652	445,475	532,888	510,602	490,864	592,310	477,907	488,363	472,355	477,100	5,996,576	226,780	3.8
NORTH CAROLINA	262,367	245,497	277,782	288,658	292,941	290,722	296,609	307,581	260,703	279,940	266,306	265,453	3,337,499	-31,999	-0.9
NORTH DAKOTA	19,329	27,425	23,665	32,824	29,421	33,532	36,277	38,267	29,783	29,500	28,294	23,883	352,200	-9,059	-2.6
OHIO	383,929	338,503	391,442	407,622	426,775	425,800	419,834	439,517	382,056	404,527	383,552	392,268	4,795,925	-98,296	-2.0
OKLAHOMA	111,163	153,225	144,039	139,945	148,103	159,482	145,128	159,853	134,289	133,199	143,742	139,334	1,712,492	34,463	2.1
OREGON	61,604	126,720	90,311	136,149	119,973	103,397	129,325	145,157	125,192	115,784	88,293	123,641	1,365,546	12,279	0.9
PENNSYLVANIA	357,132	345,955	399,690	384,101	415,749	411,489	409,257	429,245	381,578	404,551	400,712	382,894	4,722,253	37,231	0.9
RHODE ISLAND	30,619	30,519	30,619	32,143	32,143	32,143	32,602	32,602	32,602	31,482	31,482	31,482	380,238	-4,749	-1.2
SOUTH CAROLINA	85,276	197,812	153,382	159,266	187,737	162,237	164,977	169,952	145,895	150,759	163,175	146,068	1,866,536	39,962	2.2
SOUTH DAKOTA	24,740	25,327	31,673	29,080	34,883	37,487	42,168	42,585	32,606	32,098	31,258	29,991	393,896	-4,229	-1.1
TENNESSEE	192,474	177,310	200,247	224,149	222,956	201,086	235,654	210,193	214,997	212,393	190,800	212,847	2,494,386	-138,354	-5.3
TEXAS	714,521	677,604	776,979	741,879	781,353	789,124	769,824	781,771	694,567	720,121	704,659	707,040	8,859,462	110,023	1.3
UTAH	56,789	53,502	59,801	58,438	66,057	65,751	65,328	71,697	60,361	61,132	55,536	50,032	724,524	-26,554	-3.5
VERMONT	20,181	27,330	22,955	20,896	24,221	24,976	27,147	28,852	22,711	23,325	22,994	22,054	290,641	6,648	2.3
VIRGINIA	239,831	213,433	254,069	270,719	235,150	302,613	255,045	273,247	227,349	264,272	257,403	223,116	3,026,255	-15,479	-0.5
WASHINGTON	175,316	160,411	202,533	185,078	200,188	200,590	214,681	220,004	193,784	195,956	185,935	174,645	2,311,131	-5,004	-0.2
WEST VIRGINIA	67,082	61,276	74,795	73,300	85,427	76,811	80,280	69,914	77,823	63,746	55,234	82,993	848,683	11,792	1.4
WISCONSIN	156,316	152,195	168,127	166,178	187,701	187,206	200,411	206,212	171,249	172,991	177,632	176,526	2,122,743	575	0.0
WYOMING	23,464	17,716	21,037	19,320	25,641	21,597	24,123	34,760	32,610	34,901	23,590	28,853	307,602	-18,501	-5.7
U.S. TOTAL	6,804,502	6,793,636	6,773,449	6,822,071	10,042,961	10,046,969	10,098,131	10,374,119	9,343,277	9,755,524	9,290,739	9,328,822	116,274,600	-150,077	-0.1

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 6 WEEKS OR MORE BETWEEN THE WHOLESALE AND RETAIL LEVELS. THE DATA INCLUDE HIGHWAY USE, NONHIGHWAY USE, AND LOSSES. THE GROSS GALLONAGE SHOWN IN THIS TABLE WILL NOT AGREE WITH THAT IN TABLE MF-21A. TABLE MF-21A REFLECTS ADJUSTMENTS MADE TO ELIMINATE EXPORTS AND

MILITARY USE AND TO LIMIT PERCENTAGE LOSS ALLOWANCES TO A MAXIMUM OF 1 PERCENT. IN STATES WHERE JET FUEL WAS INITIALLY INCLUDED WITH AVIATION GASOLINE, THE JET FUEL HAS BEEN DEDUCTED.  
2/ PRELIMINARY DATA.



# MONTHLY GASOHOL REPORTED BY STATES - 1990<sup>1</sup>

COMPILED FOR THE CALENDAR YEAR  
FROM STATE FUEL-TAX REPORTS

(THOUSANDS OF GALLONS)

TABLE MF-33GLA  
OCTOBER 1991

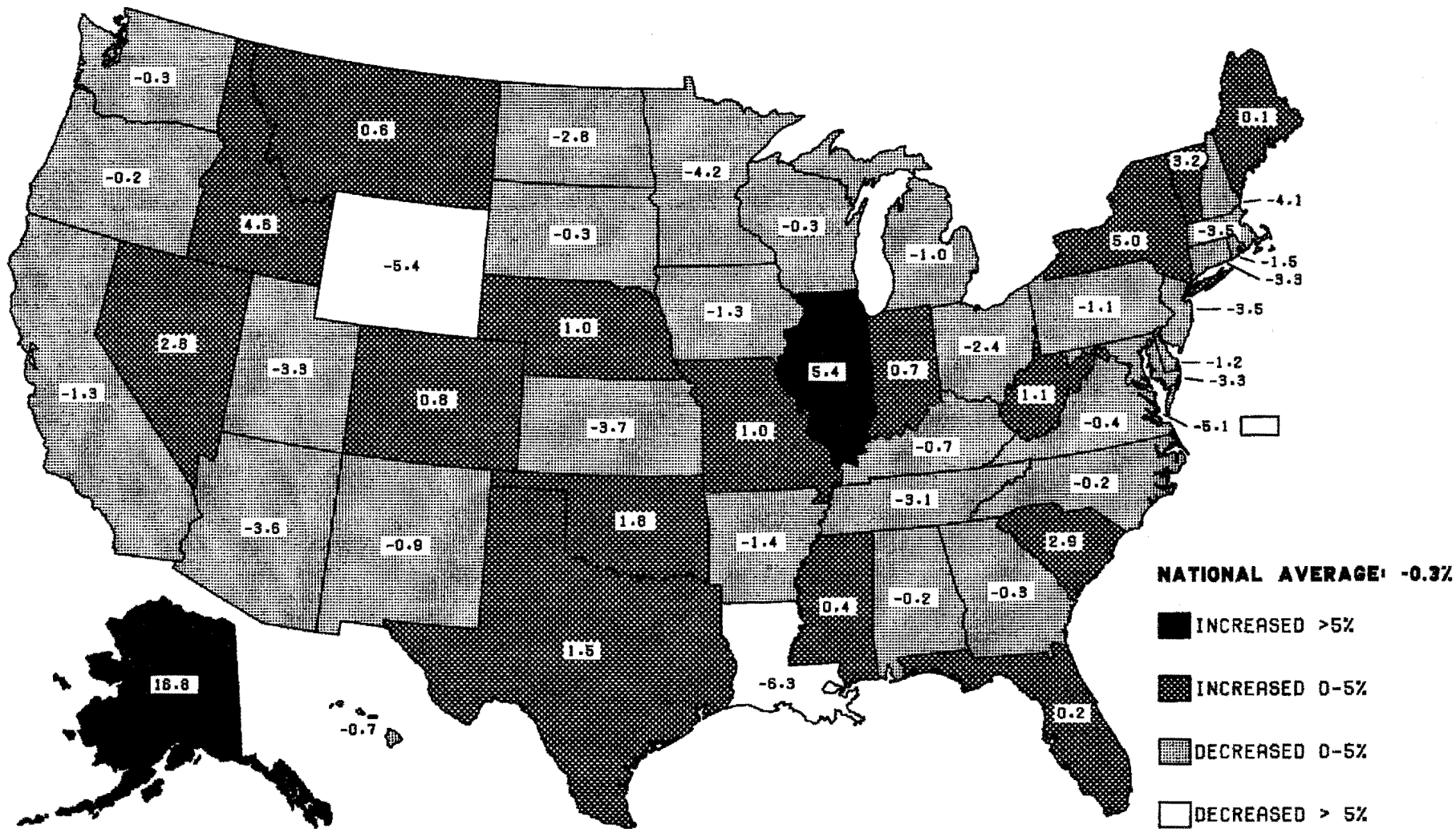
STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	1989 GALLONAGE
ALABAMA	13,974	10,483	24,589	16,826	22,507	11,267	18,883	10,304	6,422	22,048	20,340	18,213	197,856	195,725
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	12
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	5,167	62,004	-
CALIFORNIA	28,155	26,876	30,978	29,052	28,267	36,868	31,558	37,059	48,421	57,541	60,382	64,559	479,716	369,185
COLORADO	7,168	6,970	4,763	6,299	8,387	6,522	6,356	7,032	6,309	13,212	11,837	12,408	97,263	70,522
CONNECTICUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	6,177	6,069	5,860	6,782	6,388	6,742	6,793	6,904	15,989	5,126	-1,690	6,418	77,558	77,657
GEORGIA	3,096	3,035	6,869	9,270	9,390	9,229	9,656	8,227	7,518	7,584	7,507	7,291	88,672	30,265
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	4,086	6,172	5,194	5,326	6,576	3,886	5,595	6,716	6,688	7,085	6,222	6,653	70,199	64,830
ILLINOIS	95,196	94,637	109,639	102,247	118,759	115,200	116,368	117,966	106,239	123,451	121,880	119,566	1,341,148	1,278,517
INDIANA	49,958	49,958	49,958	46,404	46,404	46,404	64,491	64,491	64,491	51,926	51,926	51,926	638,337	610,320
IOWA	30,311	28,024	29,762	34,474	31,971	27,530	34,416	30,032	26,321	36,912	28,857	36,287	374,897	385,991
KANSAS	7,079	7,042	6,071	7,264	6,664	5,972	5,939	5,496	4,746	5,137	4,929	5,632	73,971	98,844
KENTUCKY	20,954	32,955	34,322	31,238	31,429	25,097	33,622	29,471	26,770	34,405	20,517	35,207	355,987	403,859
LOUISIANA	1,973	4,593	3,147	1,981	2,341	2,476	2,845	2,232	3,890	4,409	3,674	5,199	38,760	52,698
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN	27,547	30,296	37,623	36,038	44,663	45,138	48,742	48,712	46,791	39,867	49,572	55,518	510,447	402,714
MINNESOTA	13,653	15,505	17,593	18,678	20,805	20,312	20,511	22,122	20,521	23,764	24,410	26,262	244,336	170,499
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI 2/	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	22,284	267,408	157,056
MONTANA	61	25	4	3	26	24	16	18	20	405	423	398	1,423	80
NEBRASKA	21,814	21,031	25,068	23,364	25,845	25,281	26,059	25,319	25,783	26,764	25,123	29,181	300,632	271,082
NEVADA	5,661	5,601	4,632	2,600	2,829	2,146	3,764	2,973	2,837	4,347	5,674	6,103	49,167	37,342
NEW HAMPSHIRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	19,900	16,477	10,509	15,079	13,361	12,304	7,007	10,381	8,512	9,607	16,843	16,955	156,935	171,297
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA	2,501	2,464	2,832	2,933	2,911	3,006	3,187	3,244	2,883	3,066	3,337	3,457	35,821	37,966
OHIO	78,788	76,768	87,771	86,766	92,493	94,864	91,686	98,256	86,885	94,254	91,089	93,530	1,072,040	958,123
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	8,195	7,447	6,015	4,611	4,598	4,397	3,359	3,030	4,824	6,361	6,189	3,523	62,549	62,454
SOUTH DAKOTA	3,843	3,642	4,383	3,959	4,721	4,417	4,839	5,119	4,994	5,808	6,620	7,655	60,000	56,524
TENNESSEE	11,760	565	16,036	12,184	19,530	27,339	40,172	3,815	3,815	54,045	33,492	27,725	246,713	373,391
TEXAS	20,000	20,000	20,000	20,000	20,000	20,000	24,552	22,280	19,795	20,523	20,083	20,151	247,384	216,607
UTAH	42	33	50	42	42	58	34	42	41	25	42	34	486	472
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	20,646	17,747	18,667	9,480	13,050	14,589	10,202	11,649	9,437	11,924	12,446	11,365	161,202	251,793
WASHINGTON	5,449	5,414	6,683	6,833	7,802	7,526	8,441	8,210	7,568	8,450	7,303	7,168	86,847	64,169
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	1,732	3,769	7,398	6,886	4,703	7,720	10,390	7,559	7,027	11,134	5,591	9,052	82,961	47,620
WYOMING	371	420	442	447	445	314	460	655	453	1,747	1,728	2,031	9,513	2,666
TOTAL	537,731	530,469	606,309	574,517	624,418	614,069	667,294	622,960	605,381	718,378	673,797	716,918	7,492,231	6,940,615

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 MAY BE COMMINGLED WITH GASOLINE

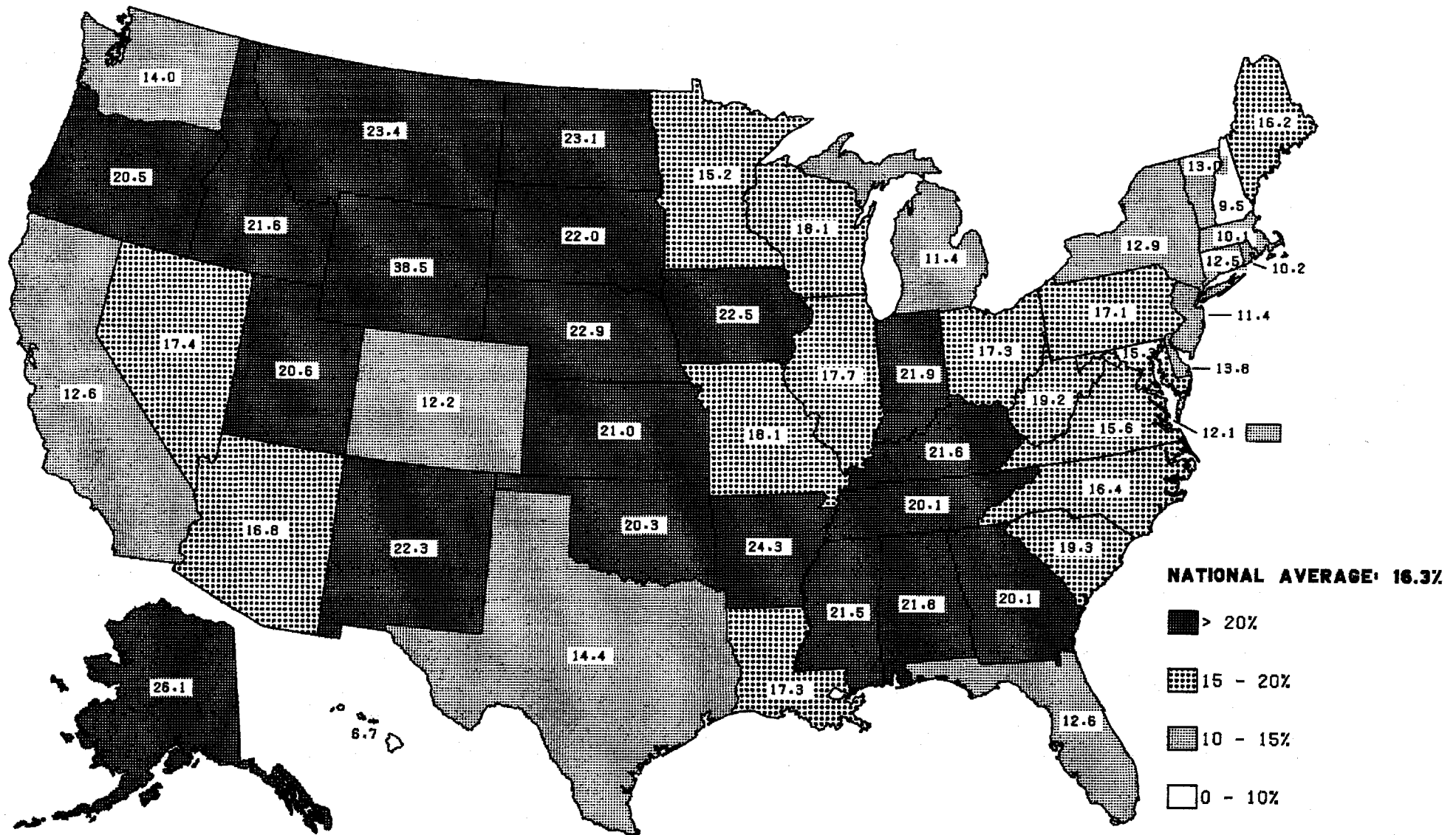
DATA - 2/ ANNUAL GALLONAGE PROVIDED BY THE STATE AND DISTRIBUTED BY MONTH BY THE FEDERAL HIGHWAY ADMINISTRATION.

# PERCENT CHANGE IN HIGHWAY USE OF GASOLINE

1989 - 1990

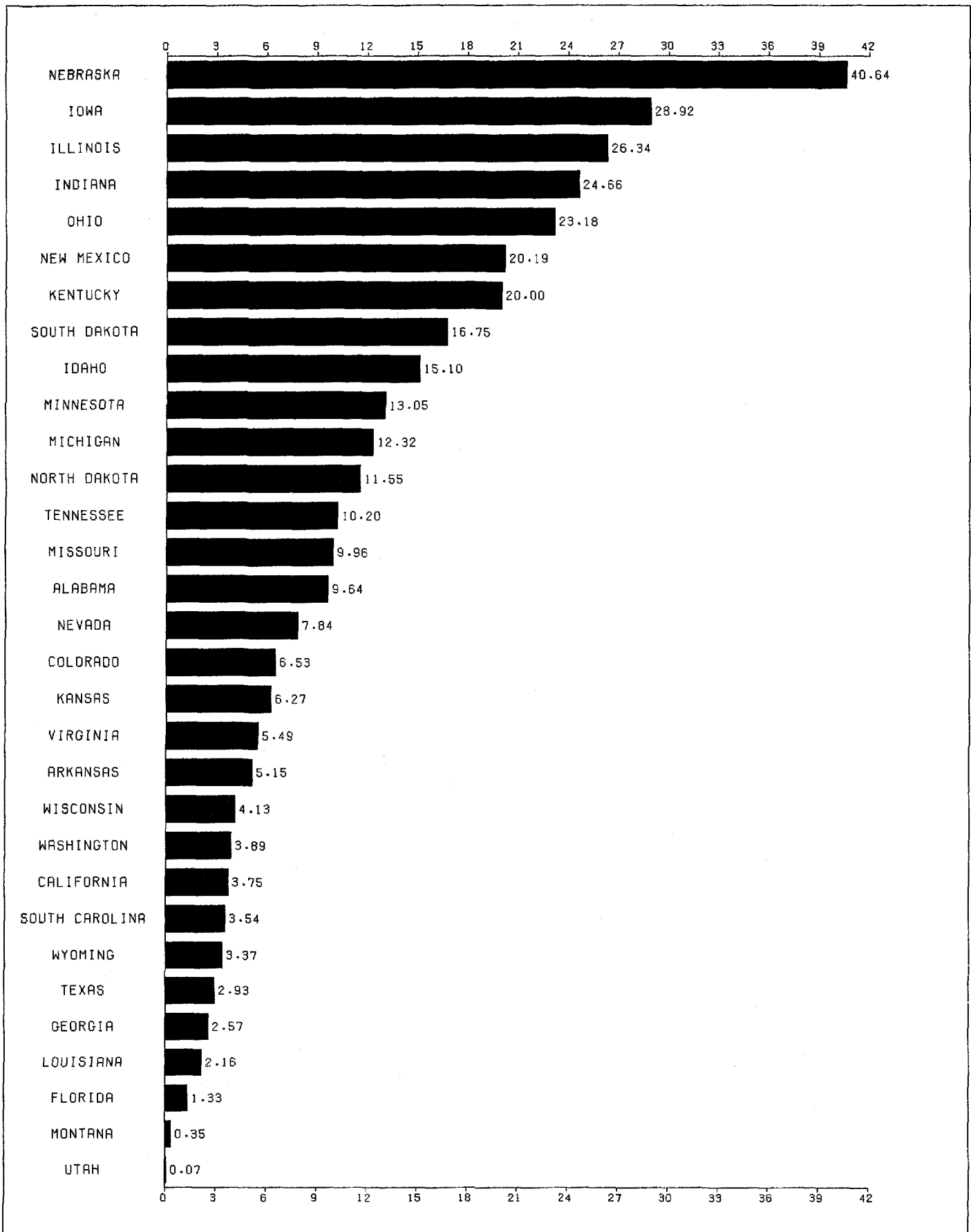


# SPECIAL FUELS AS PERCENT OF TOTAL HIGHWAY USE OF MOTOR FUEL - 1990



Motor Fuel

## GASOHOL AS A PERCENT OF HIGHWAY USE GASOLINE - 1990





## MOTOR VEHICLES

### VEHICLE REGISTRATIONS

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

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

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

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

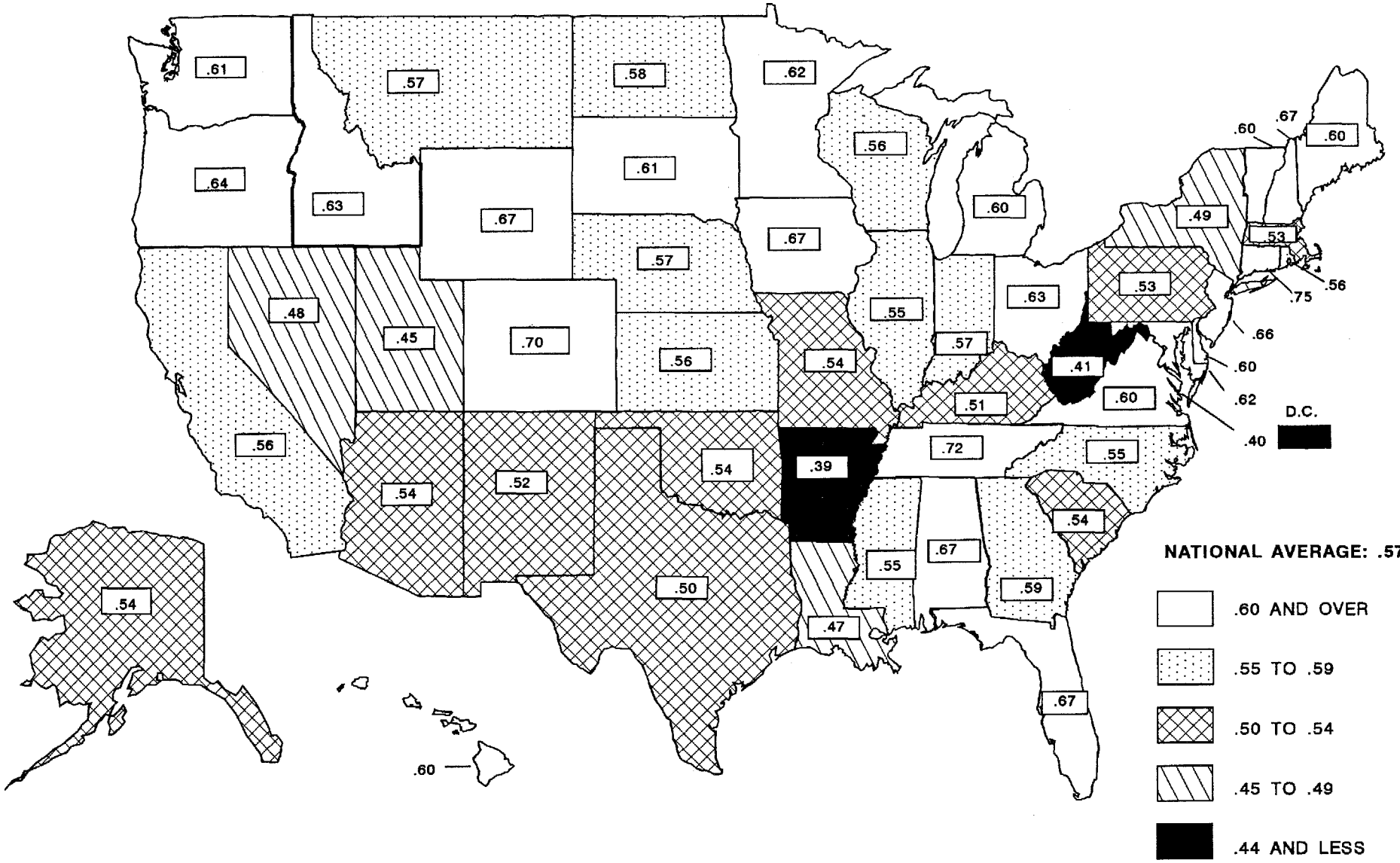
yet possible to obtain from all States separate data on single-unit trucks and combinations. Some States provide data for light trucks and truck tractors, but for many States, the FHWA estimates this information using other data sources, such as the Truck Inventory and Use Survey conducted by the Bureau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

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

### REGISTRATION TAXES AND FEES

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

# PRIVATE AND COMMERCIAL AUTOMOBILES PER CAPITA - 1990





PUBLICLY OWNED VEHICLES - 1990<sup>1</sup>

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

TABLE MV-7  
SEPTEMBER 1991

STATE	FEDERAL 1/						STATE, COUNTY, AND MUNICIPAL 2/						ALL PUBLICLY OWNED VEHICLES		
	MOTOR VEHICLES				TRAILERS AND SEMI-TRAILERS	MOTOR-CYCLES	MOTOR VEHICLES				TRAILERS AND SEMI-TRAILERS	MOTOR-CYCLES	TOTAL MOTOR VEHICLES	TOTAL TRAILERS	TOTAL MOTOR-CYCLES
	AUTO-MOBILES	BUSES	TRUCKS AND TRUCK TRACTORS	TOTAL			AUTO-MOBILES	BUSES	TRUCKS AND TRUCK TRACTORS	TOTAL					
ALABAMA	1,579	36	3,910	5,525	13	1	12,135	6,231	20,009	38,369	955	474	43,894	968	475
ALASKA	478	69	2,541	3,088	120	6	2,184	270	5,173	7,627	324	3	10,715	444	9
ARIZONA	2,112	347	7,344	9,803	87	33	13,028	2,619	8,078	23,725	3,503	704	33,528	3,590	737
ARKANSAS	880	27	2,188	3,095	5	3	8,174	4,021	7,993	20,188	262	16	23,283	267	19
CALIFORNIA	12,010	430	35,549	47,989	336	15	147,035	14,546	177,783	339,364	37,335	11,679	387,353	37,671	11,694
COLORADO	1,651	39	6,984	8,674	73	9	7,494	4,022	15,385	26,901	2,035	49	35,575	2,108	58
CONNECTICUT	837	11	3,478	4,326	11	-	9,966	749	19,096	29,811	2,491	290	34,137	2,502	290
DELAWARE	258	6	616	880	7	-	4,929	597	1,825	7,351	515	24	8,231	522	24
DIST. OF COL.	2,407	252	3,001	5,660	137	89	1,468	99	2,376	3,943	311	362	9,603	26,448	451
FLORIDA	4,478	191	11,913	16,582	166	9	78,354	31,808	107,929	218,091	25,985	5,307	234,673	26,151	5,316
GEORGIA	2,355	97	5,805	8,257	117	1	17,451	11,000	44,611	73,578	3,231	852	81,835	3,348	853
HAWAII	485	26	1,372	1,863	5	-	5,030	871	4,735	10,636	611	245	12,519	616	245
IDAHO	627	137	3,912	4,676	54	3	4,606	2,425	16,701	23,732	3,126	149	28,408	3,180	152
ILLINOIS	3,320	78	8,475	11,873	210	-	61,098	2,048	11,958	75,104	953	193	86,977	1,153	193
INDIANA	1,305	50	3,528	4,884	36	-	17,451	12,321	29,398	59,170	1,908	414	64,054	1,844	414
IOWA	653	12	2,614	3,279	18	-	9,516	7,722	22,031	39,269	2,821	166	42,548	2,839	166
KANSAS	753	11	2,518	3,282	21	-	6,344	2,212	14,235	22,791	830	291	26,073	851	291
KENTUCKY	1,496	145	3,474	5,115	55	1	20,589	8,000	43,714	72,303	694	92	77,418	749	93
LOUISIANA	1,534	23	3,839	5,396	23	-	22,991	4,657	13,955	41,603	2,171	407	46,999	2,194	407
MAINE	405	11	961	1,377	7	5	3,346	2,228	7,474	13,048	2,398	55	14,425	2,405	60
MARYLAND	2,430	139	5,455	8,024	93	6	9,550	4,295	14,237	28,082	364	142	36,106	457	148
MASSACHUSETTS	2,511	76	5,441	8,028	66	20	11,201	350	23,452	35,003	146	-	43,031	212	20
MICHIGAN	2,467	71	6,942	9,480	77	2	40,195	13,809	60,910	114,914	4,093	1,247	124,394	4,170	1,249
MINNESOTA	1,416	7	4,346	5,769	74	-	8,790	8,060	18,231	35,081	3,032	269	40,850	3,106	269
MISSISSIPPI	1,258	72	2,762	4,092	28	1	6,230	5,490	10,131	21,851	1,217	-	25,943	1,245	1
MISSOURI	2,872	33	3,757	6,662	113	1	4,249	7,532	11,038	22,819	368	36	29,481	481	37
MONTANA	829	18	3,921	4,768	48	2	4,056	1,245	8,698	13,899	2,001	80	18,667	2,049	82
NEBRASKA	1,011	9	2,169	3,189	11	-	6,278	3,955	11,889	24,123	600	201	27,512	611	201
NEVADA	1,077	130	5,043	6,250	43	1	8,214	116	7,418	15,748	1,102	441	21,998	1,145	442
NEW HAMPSHIRE	557	2	863	1,422	3	-	2,792	276	8,364	11,432	938	-	12,854	941	-
NEW JERSEY	2,089	53	8,056	10,178	145	-	53,122	3,000	72,033	128,155	100	1,212	138,333	245	1,212
NEW MEXICO	1,274	283	6,877	8,677	126	1	10,294	584	12,357	23,235	2,639	206	30,112	2,765	207
NEW YORK	7,861	203	14,263	22,327	321	11	66,464	12,630	57,217	136,311	4,223	987	158,638	4,544	998
NORTH CAROLINA	1,699	50	4,212	5,961	41	7	25,569	25,563	49,513	100,645	7,409	273	106,606	7,460	280
NORTH DAKOTA	659	61	1,499	2,119	8	3	2,693	1,683	6,178	10,454	597	60	12,573	605	63
OHIO	2,901	77	7,058	10,036	113	-	27,226	19,808	49,878	96,912	4,921	411	106,948	5,034	411
OKLAHOMA	1,412	126	3,801	5,339	31	6	8,038	11,272	33,115	52,425	1,608	286	57,764	1,639	292
OREGON	1,284	64	7,054	8,402	89	1	18,700	6,887	16,086	41,673	7,943	664	50,075	8,032	655
PENNSYLVANIA	4,732	113	9,937	14,782	185	4	34,081	6,531	43,008	83,620	3,563	938	98,402	3,748	942
RHODE ISLAND	223	5	666	1,094	7	-	2,715	5	4,622	7,342	760	94	8,436	767	94
SOUTH CAROLINA	1,480	30	3,823	5,333	29	-	7,172	9,419	16,888	33,479	961	191	38,812	990	191
SOUTH DAKOTA	524	109	2,071	2,704	27	2	1,820	1,134	9,134	12,214	1,198	54	14,319	1,225	56
TENNESSEE	3,135	73	7,456	10,664	64	14	14,269	10,555	35,305	60,250	285	165	70,314	349	179
TEXAS	5,884	231	18,078	24,193	164	8	142,410	45,974	183,420	371,804	28,286	3,826	395,997	28,450	3,833
UTAH	867	35	3,471	4,373	68	16	7,698	726	8,720	17,144	375	156	21,517	443	172
VERMONT	310	4	375	689	3	-	1,767	797	3,765	6,329	566	-	7,018	569	-
VIRGINIA	2,373	225	6,890	9,488	55	1	30,373	14,167	25,118	69,658	2,562	358	79,146	2,617	357
WASHINGTON	2,614	181	9,799	12,594	143	5	13,503	4,124	23,141	40,768	1,854	719	53,362	1,997	724
WEST VIRGINIA	820	41	1,558	2,419	8	1	17,991	2,761	34,870	56,622	4,512	733	58,041	4,520	734
WISCONSIN	1,032	22	3,713	4,767	26	-	10,901	4,182	32,852	47,935	1,490	620	52,702	1,515	620
WYOMING	362	10	2,272	2,644	80	7	4,845	1,440	4,875	11,160	1,692	52	13,804	1,772	59
TOTAL	99,467	4,551	276,293	380,311	3,789	295	1,058,931	346,943	1,470,817	2,876,691	183,854	36,180	3,267,002	187,643	36,475

1/ VEHICLES OF THE CIVILIAN BRANCHES OF THE FEDERAL GOVERNMENT ARE GIVEN IN THIS TABLE. VEHICLES OF THE MILITARY SERVICES ARE NOT INCLUDED. DISTRIBUTION BY STATE IS ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION.

2/ THIS INFORMATION, COMPILED CHIEFLY FROM REPORTS OF STATE AUTHORITIES, IS INCOMPLETE IN MANY CASES. SOME STATES GIVE STATE-OWNED VEHICLES ONLY; OTHERS EXCLUDE

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



TRUCK AND TRUCK-TRACTOR REGISTRATIONS - 1990<sup>1</sup>

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

TABLE MV-9  
SEPTEMBER 1991

STATE	PRIVATE AND COMMERCIAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL	TOTAL TRUCKS REGISTERED 1990	COMPARISON OF TOTAL TRUCK REGISTRATIONS, 1989-1990			PARTIAL CLASSIFICATION OF PRIVATE AND COMMERCIAL TRUCKS REGISTERED IN 1990 <sup>2/</sup>		
					TOTAL 1989 TRUCK REGISTRATIONS	INCREASE OR DECREASE 1990	PERCENTAGE CHANGE	TRUCK TRACTORS <sup>3/</sup>	LIGHT TRUCKS <sup>3/</sup>	FARM TRUCKS <sup>4/</sup>
ALABAMA	979,278	3,910	20,009	1,003,191	944,391	58,800	6.2	38,444	899,178	17,640
ALASKA	165,946	2,541	5,173	173,060	131,017	42,043	32.1	2,638	156,322	422
ARIZONA	803,555	7,344	8,078	818,977	812,620	6,357	0.8	11,586	769,765	-
ARKANSAS	497,963	2,188	7,993	508,144	503,743	4,401	0.9	13,253	480,973	15,258
CALIFORNIA	4,700,566	35,549	177,783	4,913,898	4,913,899	-1	-0.0	70,941	3,773,407	-
COLORADO	827,357	6,984	15,385	849,726	858,496	-8,770	-1.0	6,073	749,748	97,191
CONNECTICUT	120,172	3,478	19,096	142,746	150,093	-7,347	-4.9	3,197	111,257	4/
DELAWARE	115,204	616	1,825	117,645	117,210	435	0.4	6,789	100,648	3,371
DIST. OF COL.	8,862	3,001	2,376	14,239	13,925	314	2.3	104	7,414	-
FLORIDA	2,098,266	11,913	107,929	2,218,108	2,197,933	20,175	0.9	60,186	1,736,399	-
GEORGIA	1,590,436	5,805	44,611	1,640,852	1,540,092	100,760	6.5	57,571	1,467,733	5/
HAWAII	89,194	1,372	4,735	95,301	90,963	4,338	4.6	1,412	84,424	-
IDAHO	392,850	3,912	16,701	413,463	418,917	-5,454	-1.3	6,397	361,007	-
ILLINOIS	1,535,981	8,475	11,958	1,556,414	1,567,762	-11,348	-0.7	68,771	1,245,841	31,006
INDIANA	1,114,768	3,528	29,398	1,147,694	1,124,998	22,696	2.0	44,798	948,717	43,609
IOWA	717,883	2,614	22,031	742,528	728,933	13,595	1.9	31,333	575,923	24,150
KANSAS	587,086	2,518	14,235	603,839	592,123	11,716	2.0	18,942	482,115	72,270
KENTUCKY	937,102	3,474	43,714	984,290	952,160	32,130	3.4	20,411	845,502	102,659
LOUISIANA	956,945	3,839	13,955	976,739	969,970	6,769	0.7	24,170	892,104	65,208
MAINE	223,502	961	7,474	231,937	218,885	13,052	6.0	6,581	192,567	6,210
MARYLAND	605,571	5,455	14,237	625,263	614,502	10,761	1.8	17,022	547,706	9,915
MASSACHUSETTS	462,106	5,441	23,452	490,999	488,207	2,792	0.6	16,352	418,132	8,366
MICHIGAN	1,505,623	6,942	60,910	1,573,475	1,539,124	34,351	2.2	51,883	1,294,559	58,995
MINNESOTA	729,109	4,346	18,231	751,686	702,622	49,064	7.0	24,571	549,554	43,641
MISSISSIPPI	419,766	2,762	10,131	432,659	431,263	1,396	0.3	8,066	391,788	5/
MISSOURI	1,118,203	3,757	11,038	1,132,998	1,106,498	26,500	2.4	37,269	984,299	87,326
MONTANA	311,016	3,921	8,598	323,535	297,966	25,569	8.6	10,791	271,088	75,234
NEBRASKA	452,074	2,169	11,889	466,132	460,456	5,676	1.2	22,476	354,231	148,239
NEVADA	247,108	5,043	7,418	259,569	243,107	16,462	6.8	3,705	218,458	-
NEW HAMPSHIRE	183,494	863	8,364	192,721	194,625	-1,904	-1.0	4,638	166,970	4/ 1,854
NEW JERSEY	374,778	8,056	72,033	454,867	464,181	-9,314	-2.0	23,502	328,198	4/ 4,664
NEW MEXICO	473,962	5,320	12,357	491,639	485,495	6,144	1.3	3,880	444,031	15,453
NEW YORK	1,260,901	14,263	57,217	1,332,381	1,284,612	47,769	3.7	14,929	1,130,855	4/ 49,556
NORTH CAROLINA	1,396,935	4,212	49,513	1,450,660	1,432,255	18,405	1.3	54,160	1,232,353	96,186
NORTH DAKOTA	248,458	1,499	6,178	256,135	259,554	-3,419	-1.3	7,139	184,000	41,068
OHIO	1,504,876	7,058	49,878	1,561,812	1,713,993	-152,181	-8.9	69,167	1,321,393	35,438
OKLAHOMA	888,221	3,801	33,115	925,137	886,805	38,332	4.3	11,936	796,729	128,563
OREGON	572,740	7,054	16,086	595,880	577,916	17,964	3.1	15,867	484,954	19,556
PENNSYLVANIA	1,503,563	9,937	43,008	1,556,508	1,531,428	25,080	1.6	53,091	1,207,455	4/
RHODE ISLAND	101,379	866	4,622	106,867	113,357	-6,490	-5.7	2,696	89,333	4/
SOUTH CAROLINA	607,689	3,823	16,888	628,400	614,608	13,792	2.2	14,123	559,257	24,114
SOUTH DAKOTA	265,733	2,071	9,134	276,938	286,232	-9,294	-3.2	7,535	236,232	-
TENNESSEE	834,861	7,456	35,306	877,413	850,748	26,665	3.1	32,562	775,150	39,975
TEXAS	3,822,277	18,078	183,420	4,024,375	3,942,874	81,501	2.1	124,496	3,604,460	183,054
UTAH	402,815	3,471	8,720	415,006	377,602	37,404	9.9	10,392	375,090	6,000
VERMONT	114,673	375	3,765	118,813	118,792	21	0.0	2,096	105,278	3,176
VIRGINIA	1,113,516	6,890	25,118	1,145,524	1,106,438	39,086	3.5	28,139	991,422	20,860
WASHINGTON	1,237,493	9,799	23,141	1,270,433	1,206,111	64,322	5.3	31,390	1,119,570	28,977
WEST VIRGINIA	431,974	1,558	34,870	468,402	443,517	24,885	5.6	6,216	398,320	2,707
WISCONSIN	865,988	3,713	32,862	902,553	789,464	113,089	14.3	23,115	754,778	135,716
WYOMING	210,130	2,272	4,875	217,277	197,367	19,910	10.1	13,508	162,891	-
TOTAL	42,731,738	276,293	1,470,817	44,478,848	43,609,849	868,999	2.0	1,240,309	37,379,578	1,747,627

1/ THE REGISTRATIONS GIVEN IN THIS TABLE ARE AS REPORTED BY THE STATES IN MOST INSTANCES, BUT HAVE BEEN SUPPLEMENTED IN SOME CASES BY ESTIMATES BASED ON DATA FROM OTHER SOURCES.  
 2/ IN THIS PARTIAL CLASSIFICATION A VEHICLE MAY BE INCLUDED MORE THAN ONCE; FOR INSTANCE, A TRUCK-TRACTOR IN FARM USE COULD APPEAR IN BOTH COLUMNS.  
 3/ THE FIGURES IN THESE COLUMNS MAY VARY SUBSTANTIALLY FROM THE NUMBERS SHOWN FOR PRIOR YEARS. THIS RESULTS FROM NEW INFORMATION, SUCH AS THE 1987 CENSUS OF TRANSPORTATION TRUCK INVENTORY AND USE SURVEY, AND CHANGES IN THE ESTIMATING PROCEDURES, AND IS NOT BECAUSE OF SUBSTANTIAL VEHICLE REGISTRATION CHANGES DURING 1989. WHERE DATA REPORTED BY THE STATES WERE INCOMPLETE FOR THESE VEHICLES, ESTIMATES WERE MADE BY THE FEDERAL HIGHWAY ADMINISTRATION. TRUCK TRACTORS MAY INCLUDE SOME LARGE TRUCKS USED REGULARLY IN COMBINATION WITH FULL TRAILERS. LIGHT TRUCKS INCLUDES PICKUPS, PANELS, AND DELIVERY VANS GENERALLY OF 10,000 POUNDS OR LESS GROSS VEHICLE WEIGHT.  
 4/ EXCEPT FOR GEORGIA AND MISSISSIPPI (FOOTNOTE 5), FARM REGISTRATIONS ARE SHOWN FOR ALL STATES THAT HAVE A SPECIAL "FARM" CLASSIFICATION. THE NUMBERS OF VEHICLES SHOWN DO NOT NECESSARILY REPRESENT THE TOTAL NUMBER OF REGISTERED VEHICLES USED ON THE FARM. THE FOLLOWING FARM TRUCKS, REGISTERED AT A NOMINAL FEE AND RESTRICTED TO USE IN THE VICINITY OF THE OWNER'S FARM, ARE NOT INCLUDED IN THIS TABLE; CONNECTICUT, 7,743; NEW HAMPSHIRE, 3,162; NEW JERSEY, 5,730; NEW YORK, 25,872; PENNSYLVANIA, 22,409; AND RHODE ISLAND, 1,010.  
 5/ ALTHOUGH GEORGIA AND MISSISSIPPI HAVE A SPECIAL "FARM" CLASSIFICATION, THEIR REGISTRATION REPORTS DO NOT SHOW A COMPLETE SEGREGATION OF FARM TRUCKS FROM PRIVATE CARRIERS.

## BUS REGISTRATIONS - 1990

TABLE MV-10  
SEPTEMBER 1991

STATE	PRIVATE AND COMMERCIAL 1/			PUBLICLY OWNED			TOTAL BUSES		
	COMMERCIAL BUSES	SCHOOL AND OTHER 2/	TOTAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL (SCHOOL) 3/	TOTAL	TOTAL SCHOOL AND OTHER 2/	TOTAL COMMERCIAL AND FEDERAL	GRAND TOTAL
ALABAMA	1,791	176	1,967	36	6,231	6,267	6,407	1,827	8,234
ALASKA	1,277	528	1,805	69	270	339	798	1,346	2,144
ARIZONA	1,209	224	1,433	347	2,619	2,966	2,843	1,556	4,399
ARKANSAS	43	1,088	1,131	27	4,021	4,048	5,109	70	5,179
CALIFORNIA	15,810	9,341	25,151	430	14,546	14,976	23,887	16,240	40,127
COLORADO	623	842	1,465	39	4,022	4,061	4,864	662	5,526
CONNECTICUT	2,601	5,355	7,956	11	749	760	6,104	2,612	8,716
DELAWARE	338	1,263	1,601	6	597	603	1,860	344	2,204
DIST. OF COL.	2,315	147	2,462	252	99	351	246	2,567	2,813
FLORIDA	3,699	1,148	4,847	191	31,808	31,999	32,956	3,890	36,846
GEORGIA	1,214	2,066	3,280	97	11,000	11,097	13,066	1,311	14,377
HAWAII	2,659	695	3,354	26	871	897	1,566	2,685	4,251
IDAHO	863	400	1,263	137	2,425	2,562	2,825	1,000	3,825
ILLINOIS	5,279	9,694	14,973	78	2,048	2,126	11,742	5,357	17,099
INDIANA	4,114	5,008	9,122	50	12,321	12,371	17,329	4,164	21,493
IOWA	1,077	266	1,343	12	7,722	7,734	7,988	1,089	9,077
KANSAS	378	1,170	1,548	11	2,212	2,223	3,382	389	3,771
KENTUCKY	1,169	713	1,882	145	8,000	8,145	8,713	1,314	10,027
LOUISIANA	873	14,313	15,186	23	4,657	4,680	18,970	896	19,866
MAINE	178	459	637	11	2,228	2,239	2,687	189	2,876
MARYLAND	2,547	3,956	6,503	139	4,295	4,434	8,251	2,686	10,937
MASSACHUSETTS	3,513	7,001	10,514	76	350	426	7,351	3,589	10,940
MICHIGAN	2,491	6,494	8,985	71	13,809	13,880	20,303	2,562	22,865
MINNESOTA	2,295	4,126	6,421	7	8,060	8,067	12,186	2,302	14,488
MISSISSIPPI	820	2,293	3,113	72	5,490	5,562	7,783	892	8,675
MISSOURI	1,096	3,202	4,298	33	7,532	7,565	10,734	1,129	11,863
MONTANA	413	679	1,092	18	1,245	1,263	1,924	431	2,355
NEBRASKA	494	567	1,061	9	3,956	3,965	4,523	503	5,026
NEVADA	1,347	164	1,511	130	116	246	280	1,477	1,757
NEW HAMPSHIRE	352	1,045	1,397	2	276	278	1,321	354	1,675
NEW JERSEY	5,392	9,559	14,951	53	3,000	3,053	12,559	5,445	18,004
NEW MEXICO	563	1,985	2,548	283	584	867	2,569	846	3,415
NEW YORK	12,686	6,937	19,623	203	12,630	12,833	19,567	12,889	32,456
NORTH CAROLINA	2,016	6,931	8,947	50	25,563	25,613	32,494	2,066	34,560
NORTH DAKOTA	91	426	517	61	1,583	1,644	2,009	152	2,161
OHIO	7,957	2,839	10,796	77	19,808	19,885	22,647	8,034	30,681
OKLAHOMA	355	1,444	1,799	126	11,272	11,398	12,716	481	13,197
OREGON	1,537	2,124	3,661	64	6,887	6,951	9,011	1,601	10,612
PENNSYLVANIA	7,952	16,245	24,197	113	6,531	6,644	22,776	8,065	30,841
RHODE ISLAND	293	1,304	1,597	5	5	10	1,309	298	1,607
SOUTH CAROLINA	853	3,527	4,380	30	9,419	9,449	12,946	883	13,829
SOUTH DAKOTA	307	387	694	109	1,260	1,369	1,647	416	2,063
TENNESSEE	1,775	1,364	3,139	73	10,655	10,728	12,019	1,848	13,867
TEXAS	2,962	12,119	15,081	231	45,974	46,205	58,093	3,193	61,286
UTAH	327	76	403	35	726	761	802	362	1,164
VERMONT	94	536	630	4	797	801	1,333	98	1,431
VIRGINIA	2,175	243	2,418	225	14,167	14,392	14,410	2,400	16,810
WASHINGTON	777	1,982	2,759	181	4,124	4,305	6,106	958	7,064
WEST VIRGINIA	917	64	981	41	2,761	2,802	2,825	958	3,783
WISCONSIN	1,430	6,678	8,108	22	4,182	4,204	10,860	1,452	12,312
WYOMING	838	125	963	10	1,440	1,450	1,585	848	2,413
TOTAL	114,175	161,318	275,493	4,551	346,943	351,494	508,261	118,726	626,987

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

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

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

TRAILER AND SEMITRAILER REGISTRATIONS - 1990<sup>1</sup>

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

TABLE MV-11  
SEPTEMBER 1991

STATE	PRIVATE AND COMMERCIAL				PUBLICLY OWNED			GRAND TOTAL
	COMMERCIAL TRAILERS 2/	LIGHT FARM TRAILERS, CAR TRAILERS, ETC. 3/	HOUSE TRAILERS 4/	TOTAL	BY FEDERAL GOVERNMENT	BY STATE, COUNTY, AND MUNICIPAL GOVERNMENT	TOTAL	
ALABAMA	47,866	43,780	23,292	114,938	13	955	968	115,906
ALASKA	14,175	-	56,832	71,007	120	324	444	71,451
ARIZONA	44,610	155,229	70,489	270,328	87	3,503	3,590	273,918
ARKANSAS	43,515	289,022	10,315	342,852	5	262	267	343,119
CALIFORNIA	423,334	916,706	364,065	1,704,105	336	37,335	37,671	1,741,776
COLORADO	62,578	187,731	79,045	329,354	73	2,035	2,108	331,462
CONNECTICUT	27,017	142,917	-	169,934	11	2,491	2,502	172,436
DELAWARE	16,816	26,738	-	43,554	7	515	522	44,076
DIST. OF COL.	96	1,028	-	1,124	137	311	448	1,572
FLORIDA	120,276	918,224	-	1,038,500	166	25,985	26,151	1,064,651
GEORGIA	110,753	369,137	26,053	505,943	117	3,231	3,348	509,291
HAWAII	3,912	15,745	-	19,657	5	611	616	20,273
IDAHO	13,498	90,507	32,582	136,587	54	3,126	3,180	139,767
ILLINOIS	109,949	347,113	69,914	526,976	210	953	1,163	528,139
INDIANA	59,290	227,503	60,987	347,780	36	1,808	1,944	349,724
IOWA	74,515	189,924	60,831	325,270	18	2,821	2,839	328,109
KANSAS	67,905	19,614	15,430	102,949	21	830	851	103,800
KENTUCKY	42,202	27,518	27,268	96,988	55	694	749	97,737
LOUISIANA	231,379	198,622	9,170	439,171	23	2,171	2,194	441,365
MAINE	459,100	114,209	-	573,309	7	2,398	2,405	575,714
MARYLAND	20,673	182,519	-	203,192	93	364	457	203,649
MASSACHUSETTS	32,704	141,210	-	173,914	66	146	212	174,126
MICHIGAN	86,598	610,882	98,090	795,570	77	4,093	4,170	799,740
MINNESOTA	134,105	503,129	78,645	715,879	74	3,032	3,106	718,985
MISSISSIPPI	26,345	60,238	8,879	95,462	28	1,217	1,245	96,707
MISSOURI	77,030	267,579	-	344,609	113	368	481	345,090
MONTANA	15,658	75,899	33,814	125,371	48	2,001	2,049	127,420
NEBRASKA	44,936	159,710	-	204,646	11	600	611	205,257
NEVADA	5,992	70,882	29,262	106,136	43	1,102	1,145	107,281
NEW HAMPSHIRE	9,027	84,901	-	93,928	3	938	941	94,869
NEW JERSEY	45,040	262,904	-	307,944	145	100	245	308,189
NEW MEXICO	18,158	38,733	75,212	132,103	126	2,639	2,765	134,868
NEW YORK	19,557	487,265	-	506,822	321	4,223	4,544	511,366
NORTH CAROLINA	81,032	431,399	3,184	515,615	41	7,409	7,450	523,065
NORTH DAKOTA	20,090	19,844	14,153	54,087	8	597	605	54,692
OHIO	145,052	343,017	92,551	580,620	113	4,921	5,034	585,654
OKLAHOMA	59,687	57,603	17,201	134,491	31	1,608	1,639	136,130
OREGON	40,798	123,316	131,355	295,469	89	7,943	8,032	303,501
PENNSYLVANIA	109,147	323,036	163,931	596,114	185	3,563	3,748	599,862
RHODE ISLAND	6,379	41,741	-	48,120	7	760	767	48,887
SOUTH CAROLINA	29,496	27,782	117	57,395	29	961	990	58,385
SOUTH DAKOTA	21,038	74,685	20,967	116,690	27	1,198	1,225	117,915
TENNESSEE	40,703	38,150	60	78,913	64	285	349	79,262
TEXAS	194,214	1,152,981	-	1,347,195	164	28,286	28,450	1,375,645
UTAH	12,550	59,601	41,849	114,000	68	375	443	114,443
VERMONT	3,328	55,157	-	58,485	3	556	559	59,044
VIRGINIA	71,425	146,322	62,563	280,310	55	2,562	2,617	282,927
WASHINGTON	142,125	320,597	86,674	549,396	143	1,854	1,997	551,393
WEST VIRGINIA	22,321	42,456	21,254	86,031	8	4,512	4,520	90,551
WISCONSIN	63,849	5,711	23,544	92,904	25	1,490	1,515	94,419
WYOMING	34,526	69,769	21,543	125,838	80	1,692	1,772	127,610
TOTAL	3,606,169	10,560,285	1,931,121	16,097,575	3,789	183,854	187,643	16,285,218

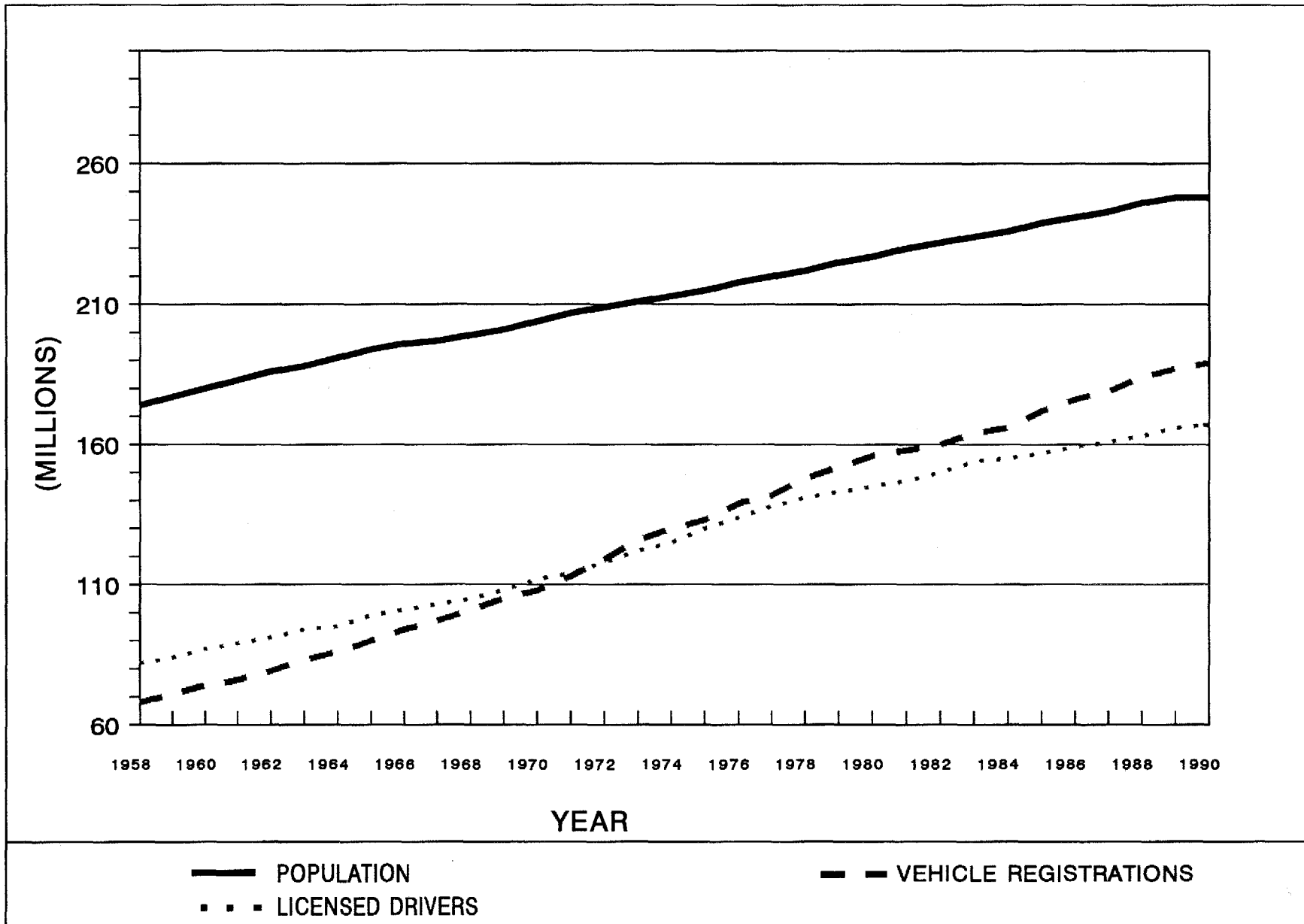
1/ THE COMPLETENESS OF DATA ON TRAILER REGISTRATIONS VARIES GREATLY. DATA ARE REPORTED TO THE EXTENT AVAILABLE AND IN SOME CASES ARE SUPPLEMENTED BY ESTIMATES OF THE FEDERAL HIGHWAY ADMINISTRATION.

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

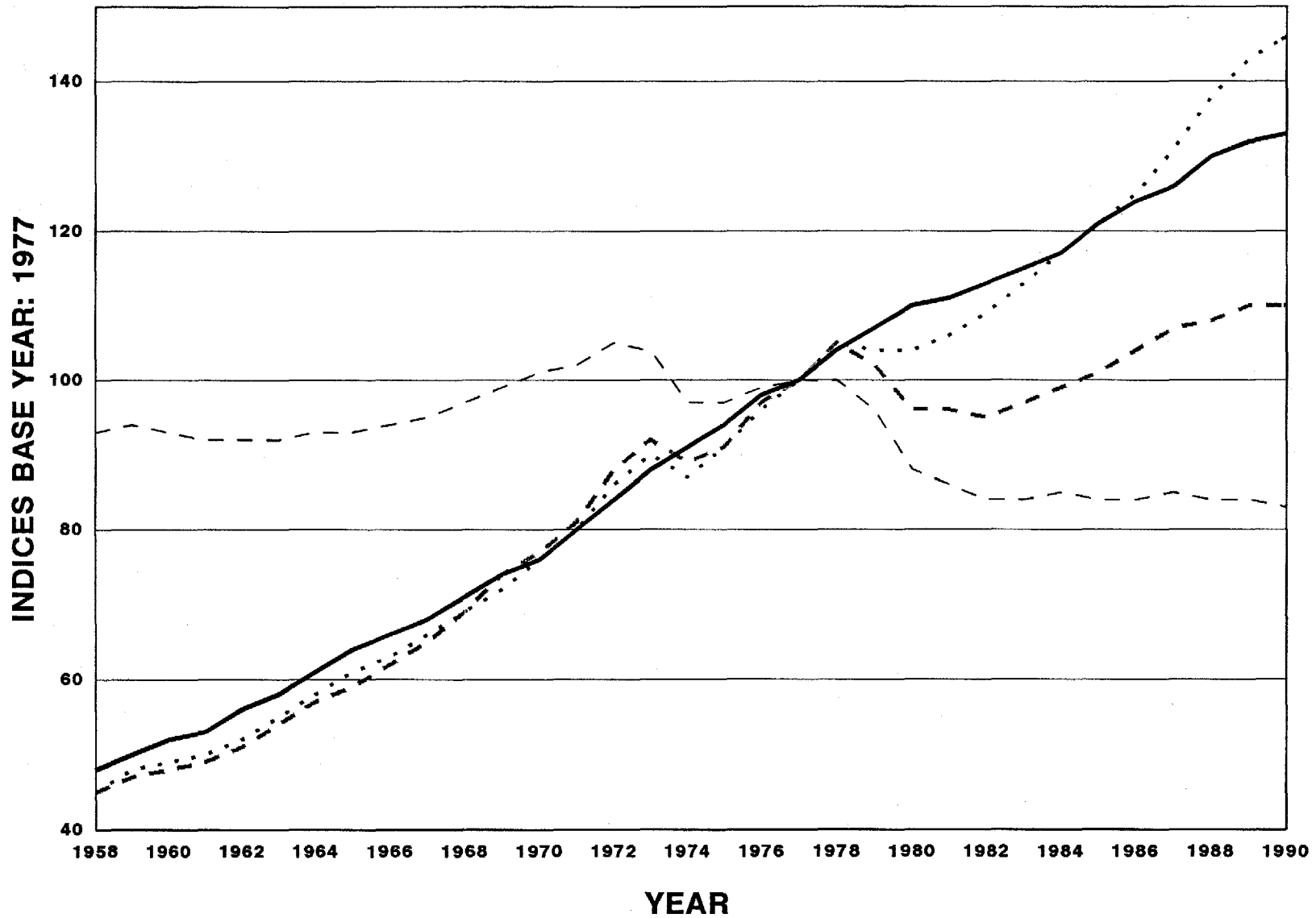
3/ SEVERAL STATES DO NOT REQUIRE THE REGISTRATION OF LIGHT FARM OR AUTOMOBILE TRAILERS.

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

# LICENSED DRIVERS, VEHICLE REGISTRATIONS, AND RESIDENT POPULATION



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



MOTOR FUEL CONSUMPTION
  VEHICLE REGISTRATIONS  
 GALLONS PER VEHICLE
  VEHICLE-MILES OF TRAVEL



## DRIVER LICENSING

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

### LICENSES ISSUED AND IN FORCE

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

### MALE-FEMALE DRIVER RATIOS

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

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

### LICENSED DRIVERS AND POPULATION

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

MOTOR-VEHICLE DRIVER LICENSES - 1990<sup>1</sup>

COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

TABLE DL-1  
SHEET 1 OF 5  
SEPTEMBER 1991

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
ALABAMA 4/	LEARNER PERMITS CLASS A CLASS B CLASS C CLASS D CLASS M SCHOOL BUS	N.A. 1,051 306 88 688,467 220 236	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE	-- \$43.50 \$33.50 \$13.50 \$13.50 \$13.50 \$13.50	--
ALASKA	LEARNER PERMITS BASIC MOTORSCOOTER SCHOOL BUS	11,882 106,296 70 1,500	2 YEARS 5 YEARS 5 YEARS 1 YEAR	-- BIRTHDAY BIRTHDAY ISSUANCE	\$3.00 \$10.00 \$10.00 \$3.00	--
ARIZONA*	LEARNER PERMITS OPERATOR OPERATOR WITH MOTORCYCLE CHAUFFEUR CHAUFFEUR WITH MOTORCYCLE MOTORCYCLE	56,199 540,345  9,022	6 MONTHS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$7.00 \$7.00 \$14.00  \$12.50/\$25	--
ARKANSAS*	LEARNER PERMITS OPERATOR A OPERATOR B CHAUFFEUR A CHAUFFEUR B MOTORCYCLE	12,757 551,241 115,883 71,545 3,449 328	80/90 DAYS 2 YEARS 4 YEARS 2 YEARS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE ISSUANCE ISSUANCE BIRTHDAY	-- \$6.25 \$12.50 \$10.00 \$20.00 \$12.00	-- 1,102,482 462,653 143,091 13,795 1,315
CALIFORNIA*	LEARNER PERMITS CLASS (1 + A) CLASS (2 + B) CLASS (3 + C) CLASS (4 + M) OTHER + CLASS (4 + M)	N.A. 96,020 56,782 3,845,751 1,798 168,412	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	--	-- 371,855 197,436 19,269,853 6,761
COLORADO* 5/	LEARNER PERMITS CLASS A CLASS B CLASS C CLASS M	63,517 24,659 3,557 499,577 8,150	90-180 DAYS 2, 3, 5 YEARS 2, 3, 5 YEARS 2, 3, 5 YEARS 2, 3, 5 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$15.00 \$15.00 \$15.00 \$15.00 \$15.00	-- 99,290 15,118 1,899,175 29,420
CONNECTICUT* 6/	LEARNER PERMITS CLASS 1 CLASS 2 CLASS 3 PUBLIC SERVICE	N.A.	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	--	-- 42,695 59,280 2,097,253 14,945
DELAWARE*	LEARNER PERMITS NEW APPLICANTS CLASS A RENEWAL CLASS B RENEWAL CLASS C RENEWAL PERMANENT CLASS A PERMANENT CLASS B & C PERMANENT LICENSE RENEWALS COMMERCIAL DRIVER LICENSE	N.A. 33,741 75,294 3,567 Included in B3 Included in B3 10 25,314 2,674	-- 4 & 5 YEARS 4 & 5 YEARS 4 & 5 YEARS 4 & 5 YEARS 5 YEARS 5 YEARS 5 YEARS 5 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$13.00 \$10/\$12.50 \$10/\$12.50 \$10/\$12.50 \$10/\$12.50 \$35.00 \$35.00 \$1.00 \$30.00	--
DISTRICT OF COLUMBIA	LEARNER PERMITS NEW RENEWAL	34,998 29,795 61,762	60 DAYS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE	\$7.00	--
FLORIDA 7/	LEARNER PERMITS OPERATOR--ORIGINAL CHAUFFEUR--ORIGINAL	N.A. 1,199,877 179,277	-- 4 & 6 YEARS 4 & 6 YEARS	-- BIRTHDAY BIRTHDAY	-- \$19/\$16 \$19.00	-- 9,012,464 1,271,857
GEORGIA*	LEARNER PERMITS CLASS A CLASS B CLASS C CLASS M VETERANS (ALL CLASSES) CDL-CLASS A, B, & C	134,267 4,599 2,415 1,187,021 51,224 86,974 22,821	6 MONTHS/1 YEAR 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$1.50 \$8.50 \$8.50 \$4.50 \$4.50 \$15/\$8.50	-- 145,856 78,587 4,255,817 183,852
HAWAII*	LEARNER PERMITS ORIGINAL RENEWAL RELICENSE	66,775 42,385 151,191 13,627	90 DAYS 2 & 4 YEARS 2 & 4 YEARS 2 & 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY	\$3.00  \$5.50/\$8.50	--
IDAHO 8/	LEARNER PERMITS OPERATOR COMMERCIAL	8,691 275,682 2,346	120 DAYS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY	\$30.00 \$19.50 \$23.50	-- 703,009 3,421
ILLINOIS*	LEARNER PERMITS CLASS D CLASS C CLASS B CLASS A CLASS L CLASS M	81,760 1,778,076 31,275 13,399 8,957 51 82	-- 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$20.00	--

MOTOR-VEHICLE DRIVER LICENSES - 1990<sup>1</sup>TABLE DL-1  
SHEET 2 OF 5  
SEPTEMBER 1991COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

STATE 2/	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
INDIANA	LEARNER PERMITS	126,968	1 YEAR	--	\$2/\$10	--
	OPERATOR	894,514	4 YEARS		\$6/\$25/\$15	
	PUBLIC PASSENGER CHAUFFEUR	12,953	2 YEARS		\$4.00	
	OPERATOR (AGED PERSONS)	56,466	3 YEARS		\$3.00	
	CHAUFFEUR	42,419	4 YEARS		\$8.00	
	MOTORCYCLE	39	4 YEARS		\$6.00	
IOWA*	LEARNER PERMITS	44,943	8 MONTHS/2 YEARS	--	\$8/\$8/\$12	--
	CLASS A--COMMERCIAL	1,331	2 & 4 YEARS	BIRTHDAY	\$16/\$32	3,146
	CLASS B--COMMERCIAL	491	2 & 4 YEARS	BIRTHDAY	\$16/\$32	1,032
	CLASS C--COMMERCIAL	25	2 & 4 YEARS	BIRTHDAY	\$16/\$32	71
	CLASS C--NON-COMMERCIAL	209,791	2 & 4 YEARS	BIRTHDAY	\$8/\$16	266,442
	CLASS D--CHAUFFEUR	30,457	2 & 4 YEARS	BIRTHDAY	\$16/\$32/\$15/\$30	236,163
	CLASS M	5	2 & 4 YEARS	BIRTHDAY	\$10/\$20	5
	OPERATOR	133,300	2 & 4 YEARS	BIRTHDAY	\$8/\$16	1,365,632
	MOPED	5,009	2 YEARS	BIRTHDAY	\$8/\$10	9,024
	KANSAS* 9/	LEARNER PERMITS	25,485	6-9 MONTHS	--	\$2.00
CLASS A		26,806	48-59 MONTHS	BIRTHDAY	\$12.00	78,762
CLASS B		10,962	48-59 MONTHS	BIRTHDAY	\$12.00	22,264
CLASS C		522,790	48-59 MONTHS	BIRTHDAY	\$6.00	1,412,781
CLASS D		94	48-59 MONTHS	BIRTHDAY	\$5.00	219
CLASS AD		17,787	48-59 MONTHS	BIRTHDAY	\$17.00	52,588
CLASS BD		4,166	48-59 MONTHS	BIRTHDAY	\$17.00	10,067
CLASS CD		56,262	48-59 MONTHS	BIRTHDAY	\$13.00	160,655
KENTUCKY 10/	LEARNER PERMITS	136,786	6 MONTHS	--	\$2.00	--
	OPERATOR	687,202	1-5 YEARS	BIRTHDAY	\$2 PER YEAR	2,401,661
	MOTORCYCLE	24,249	1-5 YEARS	BIRTHDAY	VARIOUS	86,639
	MOPED	49	1-5 YEARS	BIRTHDAY	\$2 PER YEAR	142
	CHAUFFEUR	42,436	1-48 MONTHS	BIRTHDAY	\$2 PER YEAR	117,015
LOUISIANA*	LEARNER PERMITS	540	1 YEAR	--	\$10.00	--
	STATE LICENSES	598,967	2 & 4 YEARS	BIRTHDAY	\$3.50/\$10	
	NEW ORLEANS DRIVER LICENSE	59,381	2 & 4 YEARS	BIRTHDAY	\$3.50/\$10	
	STATE CHAUFFEUR	80,530	2 & 4 YEARS	BIRTHDAY	\$9/\$22	
	NEW ORLEANS CHAUFFEUR	5,193	2 & 4 YEARS	BIRTHDAY	\$11/\$28	
	MOTORCYCLE	2,360	2 & 4 YEARS	BIRTHDAY	\$3.50/\$8	
	COMMERCIAL--STATE	1,439	4 YEARS	BIRTHDAY	\$40.00	
	COMMERCIAL--NEW ORLEANS	127	4 YEARS	BIRTHDAY	\$50.00	
	COMMERCIAL--NEW ORLEANS	1,119	4 YEARS	BIRTHDAY	\$40.00	
	COMMERCIAL--STATE, A, B, C	27	4 YEARS	BIRTHDAY	\$50.00	
MAINE*	LEARNER PERMITS	N.A.	1 YEAR	--	\$10/\$35	--
	CLASS A		4 YEARS	BIRTHDAY	\$18.00	36,169
	CLASS B		4 YEARS	BIRTHDAY	\$18.00	30,994
	CLASS C		4 YEARS	BIRTHDAY	\$18.00	619,924
MARYLAND*	LEARNER PERMITS	107,292	180 DAYS	--	\$22.00	--
	CLASS A	1,474	4 YEARS	BIRTHDAY	\$20.00	12,134
	CLASS B	2,222	4 YEARS	BIRTHDAY	\$20.00	12,468
	CLASS C	64	4 YEARS	BIRTHDAY	\$20.00	215
	CLASS AM	15	4 YEARS	BIRTHDAY	\$40.00	5,746
	CLASS BM	6	4 YEARS	BIRTHDAY	\$40.00	2,968
	CLASS CM		4 YEARS	BIRTHDAY	\$40.00	31
	NON-COMMERCIAL CLASS A	212	4 YEARS	BIRTHDAY	\$20.00	45,167
	NON-COMMERCIAL CLASS B	198	4 YEARS	BIRTHDAY	\$20.00	75,745
	NON-COMMERCIAL CLASS C	211,423	4 YEARS	BIRTHDAY	\$20.00	2,822,358
	NON-COMMERCIAL CLASS M	5,139	4 YEARS	BIRTHDAY	\$20.00	7,658
	NON-COMMERCIAL CLASS AM	2	4 YEARS	BIRTHDAY	\$40.00	13,898
	NON-COMMERCIAL CLASS BM	1	4 YEARS	BIRTHDAY	\$40.00	15,678
	NON-COMMERCIAL CLASS CM	1,378	4 YEARS	BIRTHDAY	\$40.00	140,033
	NON-COMMERCIAL CLASS MOPEDS	184	4 YEARS	BIRTHDAY	\$4.00	2,368
	MASSACHUSETTS* 11/	LEARNER PERMITS	199,712	1 YEAR	--	\$15.00
ORIGINAL		1,331,158	4 YEARS	BIRTHDAY	\$50/\$40/\$10	
SCHOOL BUS		2,136	1 YEAR	ISSUANCE	\$15.00	
SCHOOL PUPIL		6,082	1 YEAR	ISSUANCE	\$15.00	
MICHIGAN* 12/	LEARNER PERMITS	97,897	--	--	\$12/\$7.50/\$6/\$5	--
	OPERATOR/MOPED/MINOR RESTRICTED	1,474,750	2-4 YEARS	BIRTHDAY	\$12/\$8/\$7.50/\$6/\$5	
	CHAUFFEUR	103,587	2-4 YEARS	BIRTHDAY	\$10/\$20	
	MINOR RESTRICTED	88			\$5.00	
	'90-DAY EXTENSION	5,303	90 DAYS		\$5.00	
	MOTORCYCLE	99,395	2-4 YEARS	BIRTHDAY	\$4/\$5/\$6/\$7.50	--
	ORIGINAL CDL GROUP	392	2 YEARS	BIRTHDAY	\$20.00	
	CDL ORIGINAL GROUP--OPERATOR	5,504	2 YEARS	BIRTHDAY	\$20.00	
	CDL ORIGINAL GROUP--CHAUFFEUR	2,208	4 YEARS	BIRTHDAY	\$20.00	
	CDL RENEWAL GROUP	13,516	2-4 YEARS	BIRTHDAY	\$20.00	

MOTOR-VEHICLE DRIVER LICENSES - 1990<sup>1</sup>

TABLE DL-1  
SHEET 3 OF 5  
SEPTEMBER 1991

COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

STATE 2/	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
MINNESOTA*	LEARNER PERMITS	88,852	--	--	\$5.00	--
	COMMERCIAL A	28,918	4 YEARS	BIRTHDAY	\$33.00	115,385
	COMMERCIAL B	18,202	4 YEARS	BIRTHDAY	\$25.00	82,568
	COMMERCIAL C	108	4 YEARS	BIRTHDAY	\$18.00	237
	CLASS C	643,242	4 YEARS	BIRTHDAY	\$14.00	2,127,019
	A PROVISIONAL	315		21 BIRTHDAY	\$9.00	390
	B PROVISIONAL	488		21 BIRTHDAY	\$21.50	747
	C PROVISIONAL	84,784		21 BIRTHDAY	14	203,755
	SCHOOL BUS	58,270	1 YEAR	BIRTHDAY	\$2.50	23,321
MOPED (INCLUDES PROV.)	35	4 YEARS	BIRTHDAY	\$14/\$8	58	
MOTORCYCLES	78,015	4 YEARS	BIRTHDAY	\$7.50/\$6	292,064	
MISSISSIPPI	LEARNER PERMITS	80,541	80 DAYS	--	\$1/\$10	--
	REGULAR	381,524	4 YEARS	BIRTHDAY	\$13.00	
	COMMERCIAL	31,427	4 YEARS	BIRTHDAY	\$21.00	
	MOTORCYCLE	45	4 YEARS	BIRTHDAY	\$13.00	
	CDL LICENSE	5,158	4 YEARS	BIRTHDAY	\$40.00	
MISSOURI 13/	LEARNER PERMITS	85,881	6 MONTHS	--	\$1/\$5	--
	OPERATOR	978,408	3 YEARS	ISSUANCE	\$7.50	
	CHAUFFEUR	146,517	3 YEARS	ISSUANCE	\$15.00	
	MOTORCYCLE	73	3 YEARS	ISSUANCE	\$7.50	
	COMMERCIAL	32,188	3 YEARS	ISSUANCE	\$23.00	
	RENEWAL CDL	30,387	3 YEARS	ISSUANCE	\$23.00	
MONTANA	LEARNER PERMITS	N.A.	--	--	--	--
	OPERATOR	170,807	4 YEARS	BIRTHDAY	\$12.00	
	TYPE I-INTERSTATE	4,208	4 YEARS	BIRTHDAY	\$24.00	
	TYPE II-INTRASTATE	3,378	4 YEARS	BIRTHDAY	\$18.00	
MOTORCYCLE	10		BIRTHDAY	\$2.00		
NEBRASKA*	LEARNER PERMITS	28,172	2 MONTHS/1 YEAR	--	\$3.00	--
	REGULAR	319,054	1 & 4 YEARS		\$3.50/\$10	
	MOTORCYCLE	13,088	1 & 4 YEARS		\$3.50/\$10	
	"CC" TRUCK PERMIT	8,355	1 & 4 YEARS		\$3.50/\$10	
	CDL LICENSE	8,070	1 & 4 YEARS		\$3.50/\$10	
	SCHOOL PERMIT	4,494	1 YEAR		\$3.00	
	FARM HUSBANDARY	180	6 MONTHS/1 YEAR		\$5.00	
	SCHOOL BUS	3,885	1 YEAR			
NEVADA*	LEARNER PERMITS	30,385	8 MONTHS	--	\$9/\$4	--
	CLASS 1	4,720	4 YEARS	BIRTHDAY	\$9/\$4/\$55/\$85	19,884
	CLASS 2	1,240	4 YEARS	BIRTHDAY	\$9/\$4/\$55/\$85	5,171
	CLASS 3	264,799	4 YEARS	BIRTHDAY	\$9/\$4	823,330
	CLASS 4	183	4 YEARS	BIRTHDAY	\$9/\$4	214
	CLASS 6		4 YEARS	BIRTHDAY	\$9/\$4	23
NEW HAMPSHIRE*	LEARNER PERMITS	N.A.	--	--	--	--
	OPERATOR	69,289	4 YEARS	BIRTHDAY	\$30.00	69,289
	COMMERCIAL	5,738	4 YEARS	BIRTHDAY	\$30.00	5,738
	MOTORCYCLE	5,271	4 YEARS	BIRTHDAY	\$30.00	5,271
	MOPED	20	4 YEARS	BIRTHDAY	\$8.00	20
RENEWALS	208,483	4 YEARS	BIRTHDAY	\$30.00	208,483	
NEW JERSEY*	LEARNER PERMITS	489,083				
OPERATOR	3,355,185					
NEW MEXICO* 14/	LEARNER PERMITS	26,808	80 DAYS	--	\$2.00	--
	OPERATOR	287,922	4 YEARS	BIRTHDAY	\$10.00	978,012
	CHAUFFEUR	18,742	4 YEARS	BIRTHDAY	\$10.00	97,805
	MOTORCYCLE	330	4 YEARS	BIRTHDAY	\$10.00	933
	LIMITED LICENSE	463	4 YEARS	BIRTHDAY	\$45.00	814
NEW YORK* 15/	LEARNER PERMITS	833,112	1 YEAR	--	\$9.00	--
	ORIGINAL	444,000	43-54 MOS.	BIRTHDAY		
	RENEWAL	2,269,577	48 MONTHS	BIRTHDAY		
NORTH CAROLINA*	LEARNER PERMITS	111,894	18 MONTHS	--	\$5.00	--
	CLASS A	28,828	4 YEARS	BIRTHDAY	\$15.00	29,882
	CLASS B	22,933	4 YEARS	BIRTHDAY	\$15.00	25,528
	CLASS C	1,105,414	4 YEARS	BIRTHDAY	\$10.00	1,105,815
NORTH DAKOTA*	LEARNER PERMITS	12,282	8 MONTHS/1 YEAR	--	\$10.00/\$15.00	--
	CLASS A, B, C	9,047	4 YEARS	BIRTHDAY	\$15.00	
	CLASS D, M	96,750	4 YEARS	BIRTHDAY	\$10.00	
	CLASS 1		4 YEARS	BIRTHDAY		14,293
	CLASS 2		4 YEARS	BIRTHDAY		8,378
	CLASS 3		4 YEARS	BIRTHDAY		200,555
	CLASS 4		4 YEARS	BIRTHDAY		18,571
	CLASS A		4 YEARS	BIRTHDAY		11,277
	CLASS B		4 YEARS	BIRTHDAY		3,958
	CLASS C		4 YEARS	BIRTHDAY		2,934
	CLASS D		4 YEARS	BIRTHDAY		189,298
	CLASS M		4 YEARS	BIRTHDAY		17,806

MOTOR-VEHICLE DRIVER LICENSES - 1990<sup>1</sup>TABLE DL-1  
SHEET 4 OF 5  
SEPTEMBER 1991COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

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



MOTOR-VEHICLE DRIVER LICENSES - 1990<sup>1</sup>

COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

TABLE DL-1  
SHEET 5 OF 5  
SEPTEMBER 1991

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL 3/	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-90
VERMONT 20/	LEARNER PERMITS OPERATOR JR. OPERATOR	15,329 105,863 5,832	2 YEARS 2 & 4 YEARS 2 & 4 YEARS	--	\$5.00 \$12/\$20 \$12.00	-- 403,859 8,731
VIRGINIA*	LEARNER PERMITS DRIVER CLASS A CLASS B CLASS C CLASS M	138,800 969,307 11,017 6,885 334 32,169	12 MONTHS 3-7 YEARS 3-7 YEARS 3-7 YEARS 3-7 YEARS 3-7 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	\$3.00 \$2.40/YEAR \$1.00/YEAR \$1.00/YEAR \$1.00/YEAR \$1.00/YEAR	--
WASHINGTON* 21/	LEARNER PERMITS BASIC LICENSE OCCUPATIONAL	78,153 958,328 1,344	1 YEAR 4 YEARS VARIES	-- BIRTHDAY	\$2.50/\$5 \$14.00 \$25.00	-- 3,445,993 358
WEST VIRGINIA	LEARNER PERMITS JUNIOR REGULAR CHAUFFEUR COMMERCIAL	41,043 16,735 344,088 13,225 20,343	80 DAYS 2 YEARS 4 YEARS 4 YEARS 4 YEARS	-- ISSUANCE ISSUANCE ISSUANCE ISSUANCE	\$4.00 \$10.00 \$10.00 \$15.00 \$50.00	-- 16,735 344,088 13,225 20,343
WISCONSIN 22/	LEARNER PERMITS PROBATIONARY REGULAR ORIGINAL REGULAR RENEWAL CHAUFFEUR ORIGINAL CHAUFFEUR RENEWAL SCHOOL BUS ORIGINAL SCHOOL BUS ORIGINAL SCHOOL BUS RENEWAL SCHOOL BUS RENEWAL CYCLE VALIDATION	137,583 85,004 58,419 778,207 32,122 117,130 3,015 19 4,310 194 9,701	8 MONTHS 2 YEARS 2 YEARS 4 YEARS 1 YEAR 1 YEAR 2 YEARS 1 YEAR 2 YEARS 1 YEAR LIFE	-- BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY NONE	\$15.00 \$9.00 \$9.00 \$9.00 \$8.00 \$8.00 \$8.50 \$5.25 \$6.00 \$4.00 \$4.00	--
WYOMING*	LEARNER PERMITS NEW NEW CDL RENEWAL	5,116 31,007 3,833 24,283	1 YEAR 4 YEARS 4 YEARS 4 YEARS	-- BIRTHDAY BIRTHDAY BIRTHDAY	\$10.00 \$10.00 \$40.00 \$5.00	--

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

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

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

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

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

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

7/ FLORIDA--ORIGINAL LICENSE FEE IS \$10; \*SAFE DRIVERS\* MAY RENEW IN PERSON FOR \$19 FOR 6 YEARS.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## LICENSED DRIVERS, BY SEX - 1990

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

TABLE DL-1A  
SEPTEMBER 1991

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

1/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

2/ SEX SEGREGATION ESTIMATED BY FHWA.

## RATIO OF LICENSED DRIVERS TO POPULATION - 1990

TABLE DL-1B  
SEPTEMBER 1991

STATE	POPULATION		LICENSED DRIVERS			STATE
	TOTAL RESIDENT 1/ (1,000)	DRIVING AGE (16 AND OVER) 2/ (1,000)	NUMBER	PER 1,000 TOTAL RESIDENT POPULATION	PER 1,000 DRIVING AGE POPULATION	
ALABAMA	4,041	3,081	2,752,590	681	893	ALABAMA
ALASKA	550	392	314,300	571	801	ALASKA
ARIZONA 3/	3,665	2,754	2,392,618	653	869	ARIZONA 3/
ARKANSAS	2,351	1,789	1,722,021	732	962	ARKANSAS
CALIFORNIA	29,760	22,611	19,845,906	667	878	CALIFORNIA
COLORADO	3,294	2,522	2,043,003	620	810	COLORADO
CONNECTICUT	3,287	2,602	2,214,146	674	851	CONNECTICUT
DELAWARE	666	517	484,801	728	938	DELAWARE
DIST. OF COL.	606	480	412,312	680	860	DIST. OF COL.
FLORIDA 3/	12,938	10,326	9,231,405	714	894	FLORIDA 3/
GEORGIA	6,478	4,874	4,478,260	691	919	GEORGIA
HAWAII	1,108	850	677,626	612	797	HAWAII
IDAHO	1,007	737	704,184	699	956	IDAHO
ILLINOIS	11,431	8,828	7,294,732	638	826	ILLINOIS
INDIANA	5,544	4,263	3,601,354	650	845	INDIANA
IOWA	2,777	2,160	1,872,466	674	867	IOWA
KANSAS	2,478	1,893	1,714,507	692	906	KANSAS
KENTUCKY	3,685	2,842	2,401,661	652	845	KENTUCKY
LOUISIANA	4,220	3,119	2,575,460	610	826	LOUISIANA
MAINE	1,228	958	887,042	722	926	MAINE
MARYLAND	4,781	3,726	3,361,936	703	902	MARYLAND
MASSACHUSETTS	6,016	4,808	4,229,311	703	880	MASSACHUSETTS
MICHIGAN	9,295	7,125	6,440,390	693	904	MICHIGAN
MINNESOTA	4,375	3,356	2,528,941	578	754	MINNESOTA
MISSISSIPPI	2,573	1,903	1,884,544	732	990	MISSISSIPPI
MISSOURI	5,117	3,965	3,688,081	721	930	MISSOURI
MONTANA 3/	800	605	603,614	755	997	MONTANA 3/
NEBRASKA	1,578	1,207	1,088,677	690	902	NEBRASKA
NEVADA	1,202	930	846,410	704	910	NEVADA
NEW HAMPSHIRE	1,109	860	843,470	761	981	NEW HAMPSHIRE
NEW JERSEY	7,730	6,107	5,584,727	722	914	NEW JERSEY
NEW MEXICO	1,515	1,110	1,073,816	709	967	NEW MEXICO
NEW YORK	17,990	14,102	10,254,229	570	727	NEW YORK
NORTH CAROLINA	6,629	5,167	4,550,644	686	881	NORTH CAROLINA
NORTH DAKOTA	639	483	424,898	665	879	NORTH DAKOTA
OHIO	10,847	8,361	7,427,409	685	888	OHIO
OKLAHOMA	3,146	2,404	2,277,540	724	947	OKLAHOMA
OREGON 3/	2,842	2,214	2,211,551	778	999	OREGON 3/
PENNSYLVANIA	11,882	9,400	7,899,052	665	840	PENNSYLVANIA
RHODE ISLAND	1,003	797	670,651	669	841	RHODE ISLAND
SOUTH CAROLINA	3,487	2,648	2,372,825	680	896	SOUTH CAROLINA
SOUTH DAKOTA	696	525	492,378	707	938	SOUTH DAKOTA
TENNESSEE	4,877	3,783	3,334,425	684	881	TENNESSEE
TEXAS	16,987	12,542	11,136,694	656	888	TEXAS
UTAH	1,723	1,142	1,046,106	607	916	UTAH
VERMONT	563	438	411,920	732	941	VERMONT
VIRGINIA	6,187	4,852	4,388,805	709	905	VIRGINIA
WASHINGTON	4,867	3,751	3,376,671	694	900	WASHINGTON
WEST VIRGINIA	1,793	1,402	1,283,703	716	916	WEST VIRGINIA
WISCONSIN	4,892	3,764	3,327,872	680	884	WISCONSIN
WYOMING	454	336	333,546	735	991	WYOMING
TOTAL	248,709	191,412	167,015,250	672	873	TOTAL

1/ SOURCE: BUREAU OF THE CENSUS.

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

3/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

# DISTRIBUTION OF LICENSED DRIVERS – 1990

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

TABLE DL-20  
SEPTEMBER 1991

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

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

# LICENSED FEMALE DRIVERS, BY AGE - 1990

TABLE DL-22  
SHEET 1 OF 3  
SEPTEMBER 1991

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

STATE	19 AND UNDER	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74 <sup>3/</sup>	75-79 <sup>3/ 4/</sup>	80-84 <sup>3/ 4/</sup>	85 AND OVER <sup>3/ 4/</sup>	TOTAL
ALABAMA	101,940	268,066	161,957	150,913	137,618	106,208	90,263	80,981	77,167	68,622	52,677	36,594	19,931	7,627	-	1,360,564
ALASKA	11,000	15,800	21,000	23,100	19,900	14,400	10,200	7,400	5,800	4,600	3,600	1,900	1,700	700	250	141,350
ARIZONA 1/	69,282	117,014	146,560	144,425	128,907	109,448	86,846	69,925	63,549	65,415	63,293	100,657	-	-	-	1,165,321
ARKANSAS 2/	51,654	80,086	90,438	92,135	87,708	81,445	65,626	55,050	50,890	50,304	47,870	39,406	28,508	15,825	6,366	843,311
CALIFORNIA	404,496	924,668	1,185,643	1,253,811	1,148,988	1,014,018	751,354	575,498	486,183	464,588	443,169	657,631	-	-	-	9,310,047
COLORADO	57,958	96,697	122,626	138,184	131,574	114,899	81,446	61,313	52,060	48,298	43,621	31,929	21,251	11,185	3,762	1,016,803
CONNECTICUT	54,706	110,589	134,594	138,776	128,803	120,438	98,410	74,303	66,812	66,882	62,169	49,470	32,043	15,829	5,783	1,159,607
DELAWARE	13,767	24,190	30,103	30,231	26,876	24,265	18,989	15,142	14,037	13,695	12,479	8,920	5,310	2,571	800	241,375
DIST. OF COL.	3,143	14,332	28,023	29,823	27,118	24,665	17,591	13,052	10,729	10,366	9,592	6,764	6,336	-	-	201,534
FLORIDA 1/	177,727	367,441	510,523	530,841	474,734	422,585	329,932	270,558	251,242	279,171	291,594	242,004	170,130	94,930	39,357	4,452,769
GEORGIA	128,057	236,420	287,959	288,076	265,225	243,138	180,304	138,135	116,852	104,585	91,550	142,160	-	-	-	2,222,461
HAWAII	16,655	29,181	38,215	41,607	41,492	36,563	26,834	19,216	17,282	17,275	13,458	13,640	-	-	-	311,418
IDAHO	25,814	32,849	34,426	39,336	39,803	35,011	26,871	21,666	19,055	18,650	18,012	14,662	10,043	5,071	1,662	342,931
ILLINOIS	213,460	348,922	419,197	443,289	410,086	370,068	287,298	232,088	202,016	197,342	178,728	134,197	85,254	55,072	-	3,577,017
INDIANA	92,948	165,042	213,490	218,259	194,307	170,912	128,636	105,039	93,387	95,138	91,394	73,623	109,172	-	-	1,751,347
IOWA	59,045	87,748	97,773	106,201	101,354	89,713	68,857	60,578	56,133	57,069	55,119	104,938	-	-	-	944,528
KANSAS	56,062	78,840	92,350	101,250	95,057	81,460	62,132	51,881	49,106	49,079	48,148	40,804	31,644	18,876	9,116	865,805
KENTUCKY	70,070	117,380	136,315	144,320	137,571	125,157	94,664	78,427	67,637	63,381	55,587	85,556	-	-	-	1,176,065
LOUISIANA	80,677	130,089	150,104	161,398	152,119	134,080	102,299	84,375	74,014	70,910	60,782	42,580	26,019	12,053	3,395	1,284,894
MAINE	23,119	44,980	51,939	54,816	52,568	46,851	34,061	26,682	24,691	24,962	22,709	17,690	12,183	6,524	2,765	446,540
MARYLAND	82,046	154,697	198,742	205,587	190,991	178,398	137,515	103,002	86,073	80,837	72,790	106,633	32,377	16,274	5,830	1,651,792
MASSACHUSETTS	88,979	209,812	261,756	260,682	235,470	214,417	161,681	120,839	109,584	110,986	103,678	81,434	54,215	28,357	10,575	2,052,465
MICHIGAN 2/	203,109	326,643	361,218	388,552	365,663	328,789	252,512	202,011	180,044	180,045	164,719	126,268	83,462	42,471	16,113	3,221,619
MINNESOTA	75,803	101,886	119,686	151,609	146,681	131,915	101,213	82,420	71,482	69,789	64,695	128,573	-	-	-	1,245,752
MISSISSIPPI	63,757	84,437	107,121	113,575	101,563	87,560	67,408	56,863	51,049	49,786	44,502	36,079	59,979	-	-	923,679
MISSOURI	102,975	173,125	210,771	219,395	200,169	179,934	141,958	116,605	105,803	103,630	96,261	76,221	97,643	-	-	1,824,490
MONTANA 1/	24,025	39,415	32,476	26,680	24,809	28,974	23,240	19,195	17,867	13,823	9,777	12,435	-	-	-	272,715
NEBRASKA	38,050	50,267	57,647	62,699	60,124	51,823	38,518	32,917	31,163	30,867	28,424	24,066	33,767	-	-	540,332
NEVADA	21,317	37,294	46,950	49,861	47,173	43,644	34,654	28,142	23,638	22,408	20,528	26,296	-	-	-	401,905
NEW HAMPSHIRE	26,026	43,468	55,449	57,601	51,147	44,090	32,609	23,846	19,798	19,494	16,734	13,650	8,758	4,342	1,433	418,445
NEW JERSEY	103,185	291,033	354,532	309,554	306,908	248,701	185,203	158,746	171,974	179,912	142,871	193,140	-	-	-	2,645,759
NEW MEXICO 2/	35,557	71,439	72,779	61,750	59,020	41,700	37,370	32,006	30,667	24,278	22,681	26,186	-	-	-	515,433
NEW YORK	200,019	467,344	565,528	589,412	547,480	517,717	411,179	322,597	284,773	280,800	243,844	181,558	114,835	77,986	-	4,805,072
NORTH CAROLINA	129,568	233,782	268,598	276,658	260,635	214,621	183,287	148,503	134,127	126,626	112,045	158,657	-	-	-	2,247,107
NORTH DAKOTA	14,029	19,979	22,085	24,824	23,562	19,065	14,458	12,374	12,272	12,326	11,083	9,720	13,656	-	-	209,433
OHIO	203,779	355,067	411,465	439,004	407,677	367,978	284,448	239,630	216,173	217,181	198,841	325,500	-	-	-	3,666,743
OKLAHOMA	78,244	105,149	119,861	129,409	121,900	110,070	88,240	73,423	68,104	64,580	60,991	120,495	-	-	-	1,140,466
OREGON 1/	62,606	96,127	116,375	128,561	127,577	105,903	78,161	60,839	56,144	59,220	56,553	104,471	-	-	-	1,052,537
PENNSYLVANIA	199,299	368,234	433,747	455,177	420,333	359,192	290,700	244,943	243,092	254,113	219,423	294,462	-	-	-	3,782,715
RHODE ISLAND	25,763	37,617	41,648	40,112	34,455	20,250	19,948	18,511	19,398	20,389	17,137	11,408	6,332	2,103	11,970	329,041
SOUTH CAROLINA	67,680	122,556	147,953	147,654	138,547	124,689	93,668	74,795	67,034	62,004	57,671	86,099	-	-	-	1,190,350
SOUTH DAKOTA	20,737	22,670	24,963	27,025	25,789	21,217	16,015	14,155	13,809	14,411	13,520	11,807	9,216	5,555	2,611	243,500
TENNESSEE	94,884	161,390	188,629	196,731	191,096	176,616	137,461	112,960	101,020	93,751	85,198	62,823	42,484	31,157	-	1,676,200
TEXAS	275,890	532,410	664,646	708,820	650,684	588,292	426,663	334,106	293,592	272,547	245,683	184,605	133,942	76,050	32,120	5,400,050
UTAH	46,899	61,410	61,024	64,682	60,275	50,538	37,395	29,764	26,163	24,628	22,569	17,968	12,254	6,465	2,273	524,307
VERMONT	11,531	19,293	22,551	25,060	25,146	22,175	16,109	12,107	10,503	10,315	9,317	7,335	5,214	3,047	1,297	201,000
VIRGINIA	117,675	225,469	278,518	279,769	259,879	239,867	182,053	138,161	115,375	106,882	95,445	136,364	-	-	-	2,175,457
WASHINGTON	83,398	152,222	184,380	208,277	208,097	187,668	137,594	102,044	86,310	84,027	82,154	135,992	-	-	-	1,652,163
WEST VIRGINIA	26,127	61,652	66,968	72,603	71,165	64,212	47,179	40,633	37,370	37,876	33,877	52,112	-	-	-	611,774
WISCONSIN 2/	90,254	162,256	188,533	198,782	185,231	162,470	122,738	100,516	90,835	90,741	82,832	67,094	48,051	25,528	9,208	1,625,069
WYOMING	11,543	14,518	16,368	20,168	20,219	16,756	12,324	9,867	8,734	8,431	7,447	5,855	4,171	2,368	974	159,743
<b>TOTAL</b>	<b>4,336,334</b>	<b>8,092,995</b>	<b>9,656,202</b>	<b>10,071,064</b>	<b>9,371,273</b>	<b>8,294,564</b>	<b>6,378,114</b>	<b>5,107,829</b>	<b>4,582,612</b>	<b>4,497,035</b>	<b>4,108,841</b>	<b>4,670,431</b>	<b>1,319,880</b>	<b>567,966</b>	<b>167,660</b>	<b>81,222,800</b>

1/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

2/ AGE/SEX DISTRIBUTION ESTIMATED BY FHWA.

3/ DATA FOR OLDER AGE GROUPS MAY BE INCLUDED FOR THOSE STATES FOR WHICH THERE IS NO FURTHER AGE BREAKOUT.

4/ WHERE DASH APPEARS, AGE GROUP DATA NOT AVAILABLE AND IS INCLUDED WITH LAST REPORTED COLUMN VALUE TO THE LEFT.



# LICENSED MALE DRIVERS, BY AGE - 1990

TABLE DL-22  
SHEET 2 OF 3  
SEPTEMBER 1991

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

STATE	19 AND UNDER	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74 <sup>3/</sup>	75-79 <sup>3/ 4/</sup>	80-84 <sup>3/ 4/</sup>	85 AND OVER <sup>3/ 4/</sup>	TOTAL
ALABAMA	116,086	280,553	160,907	148,722	137,628	106,971	89,428	81,977	77,209	68,861	54,103	37,465	21,779	10,337	-	1,392,026
ALASKA	14,300	21,300	26,000	26,600	23,800	18,000	12,800	9,800	7,200	5,500	3,600	2,200	1,300	400	150	172,950
ARIZONA 1/	77,269	123,507	154,113	152,755	139,641	118,930	90,596	73,849	67,099	64,347	62,235	102,956	-	-	-	1,227,297
ARKANSAS 2/	58,428	86,317	94,751	94,083	88,652	83,361	67,654	56,446	51,679	50,325	48,864	41,099	30,083	17,936	9,032	878,710
CALIFORNIA	489,399	1,167,376	1,439,008	1,452,651	1,278,289	1,103,072	816,529	635,565	542,442	496,217	445,688	669,623	-	-	-	10,535,859
COLORADO	61,059	98,822	123,554	137,203	132,585	117,910	83,122	62,290	53,362	48,231	42,074	31,196	19,908	10,570	4,314	1,026,200
CONNECTICUT	59,401	107,852	119,963	115,276	104,412	99,010	86,221	68,796	64,952	66,196	59,889	47,033	31,871	16,234	7,433	1,054,539
DELAWARE	14,082	24,746	30,006	30,151	26,495	24,073	19,219	15,414	14,329	14,214	12,608	9,246	5,318	2,561	964	243,426
DIST. OF COL.	4,951	17,810	30,500	33,814	29,618	10,765	19,373	15,078	12,602	11,677	9,947	7,179	7,464	-	-	210,778
FLORIDA 1/	198,056	399,517	561,458	586,018	516,331	456,449	354,576	286,532	262,225	281,822	293,746	250,463	178,743	101,585	51,115	4,778,636
GEORGIA	149,768	252,916	294,851	289,037	259,916	239,338	183,279	141,156	119,419	104,207	87,775	134,137	-	-	-	2,255,799
HAWAII	21,256	34,152	42,408	45,078	44,496	41,194	30,920	22,328	19,600	20,391	18,882	25,503	-	-	-	366,208
IDAHO	27,765	36,684	37,310	40,553	41,327	37,833	28,549	23,170	19,786	18,763	17,658	14,544	10,039	5,213	2,059	361,253
ILLINOIS	234,235	369,002	428,868	448,754	416,392	373,461	291,570	240,677	214,660	212,318	188,315	141,329	92,657	65,477	-	3,717,715
INDIANA	103,639	179,807	227,451	232,295	206,830	177,977	134,699	109,767	97,208	99,020	93,382	73,286	114,646	-	-	1,850,007
IOWA	59,934	86,073	95,330	104,319	102,503	90,892	69,084	60,022	55,181	56,384	53,146	94,590	-	-	-	927,958
KANSAS	57,774	81,483	92,399	99,103	95,720	82,845	62,468	50,796	47,842	47,595	45,074	35,513	26,423	15,125	8,542	848,702
KENTUCKY	81,914	123,197	135,889	142,184	136,752	127,400	98,141	81,937	72,710	68,959	61,061	95,452	-	-	-	1,225,596
LOUISIANA	89,939	134,216	144,799	155,997	147,854	132,356	101,192	84,230	75,287	72,604	63,368	44,148	26,978	13,021	4,577	1,290,566
MAINE	23,920	39,919	47,228	51,425	50,769	48,771	36,122	27,950	26,309	25,397	23,274	17,492	12,224	6,566	3,136	440,502
MARYLAND	89,153	163,675	202,816	208,091	188,560	175,275	138,703	109,422	93,443	88,213	75,135	116,705	34,792	18,026	8,135	1,710,144
MASSACHUSETTS	99,457	229,827	282,789	279,265	247,372	222,324	168,421	127,887	116,992	116,976	105,804	82,620	54,838	29,052	13,222	2,176,846
MICHIGAN 2/	220,200	336,858	364,211	381,314	360,254	324,397	253,030	202,592	179,292	182,318	160,430	118,008	77,591	39,557	18,719	3,218,771
MINNESOTA	79,106	105,091	121,553	149,429	148,105	134,225	103,034	84,432	75,298	73,984	69,204	139,728	-	-	-	1,283,189
MISSISSIPPI	71,855	86,281	103,660	110,417	99,450	88,304	68,190	58,638	53,122	52,621	48,440	41,594	78,293	-	-	960,865
MISSOURI	117,975	182,080	218,069	223,654	201,336	178,717	140,959	116,722	108,279	106,302	97,468	73,804	98,226	-	-	1,863,591
MONTANA 1/	30,361	40,803	36,155	28,912	26,922	27,526	27,225	26,076	23,541	19,435	14,789	29,155	-	-	-	330,899
NEBRASKA	41,660	52,264	58,746	63,407	60,339	52,120	39,826	33,037	31,294	31,262	29,295	22,807	32,288	-	-	548,345
NEVADA	23,983	40,313	50,953	53,184	50,370	47,656	38,561	31,647	27,613	25,879	23,579	30,767	-	-	-	444,505
NEW HAMPSHIRE	27,701	44,880	53,274	55,342	49,141	47,764	33,941	25,834	21,448	20,289	16,077	14,208	9,116	4,519	1,491	425,025
NEW JERSEY	123,808	303,625	380,268	341,946	324,259	262,355	203,399	179,816	191,608	194,556	165,077	268,251	-	-	-	2,938,968
NEW MEXICO 2/	41,881	75,605	76,611	65,331	62,536	44,225	39,647	34,506	33,223	27,417	25,965	31,436	-	-	-	558,383
NEW YORK	246,582	540,906	636,209	660,991	607,449	560,401	441,422	361,208	329,095	326,322	281,329	209,104	139,220	108,919	-	5,449,157
NORTH CAROLINA	145,963	238,180	272,640	270,873	252,839	257,846	183,059	146,851	132,618	125,613	113,061	163,994	-	-	-	2,303,537
NORTH DAKOTA	15,199	20,618	21,878	24,425	24,665	20,525	15,235	12,562	12,234	12,625	11,632	9,830	14,037	-	-	215,465
OHIO	230,572	378,298	418,722	439,376	408,950	366,857	283,842	239,671	222,859	228,074	205,329	338,116	-	-	-	3,760,666
OKLAHOMA	86,001	113,114	125,248	131,623	122,797	109,364	88,040	72,727	65,907	62,099	57,935	102,219	-	-	-	1,137,074
OREGON 1/	71,699	112,755	132,675	140,343	137,777	115,829	85,727	65,708	58,685	61,782	59,328	116,707	-	-	-	1,159,013
PENNSYLVANIA	235,486	397,265	445,012	460,981	428,346	374,758	310,225	265,568	268,738	287,951	252,566	389,441	-	-	-	4,116,337
RHODE ISLAND	25,543	36,589	40,897	40,112	35,858	30,375	22,377	18,917	19,695	20,540	17,245	11,280	6,434	2,413	13,335	341,610
SOUTH CAROLINA	78,706	125,663	143,312	140,058	131,350	122,108	94,661	74,691	66,646	62,016	57,515	85,749	-	-	-	1,182,475
SOUTH DAKOTA	22,434	23,303	25,571	27,487	26,850	22,816	16,669	13,963	13,731	14,423	14,061	11,352	8,398	4,965	2,855	248,878
TENNESSEE	107,671	160,710	179,184	183,826	179,821	173,502	136,942	112,335	100,327	94,395	85,517	63,690	44,525	35,780	-	1,658,225
TEXAS	319,530	598,904	722,848	761,345	689,610	597,475	453,206	354,209	310,885	285,920	247,455	179,159	120,321	65,691	30,286	5,736,644
UTAH	48,433	60,414	61,560	63,770	60,028	50,331	37,438	29,392	25,929	24,232	22,041	17,461	11,640	6,252	2,878	521,799
VERMONT	12,293	20,233	23,142	25,629	25,556	24,016	17,897	13,282	11,571	10,918	9,607	7,423	5,117	2,874	1,362	210,920
VIRGINIA	122,487	229,302	278,058	277,126	252,914	237,089	186,198	146,539	123,719	113,780	98,932	147,224	-	-	-	2,213,348
WASHINGTON	93,556	163,581	192,876	213,057	210,314	193,041	145,913	110,145	92,594	87,482	81,961	139,988	-	-	-	1,724,508
WEST VIRGINIA	29,783	69,310	70,348	74,096	74,472	69,272	51,893	44,525	39,737	42,246	39,617	66,630	-	-	-	671,929
WISCONSIN 2/	97,239	171,448	195,184	203,894	192,967	169,526	126,964	104,518	95,053	96,591	87,325	68,718	50,219	28,680	14,477	1,702,803
WYOMING	13,221	16,499	17,427	21,188	22,427	19,014	13,871	10,994	9,170	9,176	7,898	5,852	4,001	2,121	944	173,803
<b>TOTAL</b>	<b>4,912,712</b>	<b>8,803,643</b>	<b>10,238,969</b>	<b>10,506,510</b>	<b>9,683,644</b>	<b>8,609,620</b>	<b>6,642,056</b>	<b>5,376,194</b>	<b>4,855,447</b>	<b>4,738,465</b>	<b>4,266,307</b>	<b>4,977,473</b>	<b>1,368,489</b>	<b>613,874</b>	<b>199,026</b>	<b>85,792,450</b>

1/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA

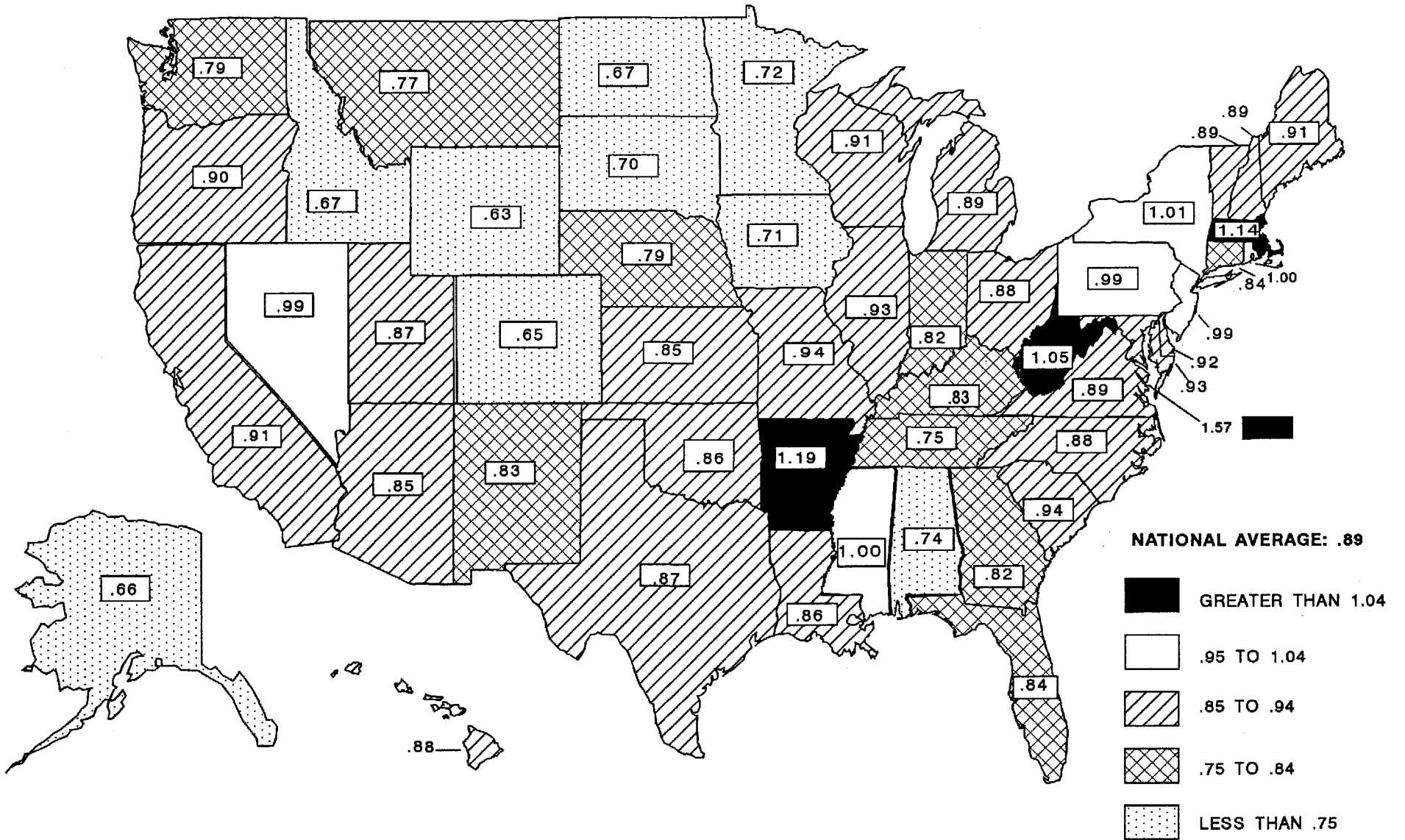
2/ AGE/SEX DISTRIBUTION ESTIMATED BY FHWA

3/ DATA FOR OLDER AGE GROUPS MAY BE INCLUDED FOR THOSE STATES FOR WHICH THERE IS NO FURTHER AGE BREAKOUT.

4/ WHERE DASH APPEARS, AGE GROUP DATA NOT AVAILABLE AND IS INCLUDED WITH LAST REPORTED COLUMN VALUE TO THE LEFT.



# LICENSED DRIVERS PER PRIVATE AND COMMERCIAL MOTOR VEHICLE - 1990



## HIGHWAY FINANCE

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

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

### INTERGOVERNMENTAL PAYMENTS

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

#### Federal aid for highways

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

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

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

#### State aid to local governments

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

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

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

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

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

### Intergovernmental payments of local agencies

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

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

### Combined finances

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

### Federal financing

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

### State financing

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

### Local financing

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

### CLASSIFICATION OF HIGHWAY RECEIPTS

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

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

### Funds attributable to highway users

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

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

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

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

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

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

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

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

### Other taxes and fees

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

### Investment income and miscellaneous receipts

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

### Income from sale of bonds and notes

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

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

### CLASSIFICATION OF HIGHWAY EXPENDITURES

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

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

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

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

TOTAL RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS, ALL UNITS OF GOVERNMENT - 1990<sup>1</sup>DATA COMPILED FROM REPORTS OF FEDERAL,  
STATE AND LOCAL AUTHORITIES

(MILLIONS OF DOLLARS)

TABLE HF-10  
OCTOBER 1991

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

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

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

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

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

5/ INCLUDES \$75.4 MILLION PAID TO TERRITORIES.

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

# TOTAL RECEIPTS FOR HIGHWAYS, ALL UNITS OF GOVERNMENT -- 1989

COMPILED FROM REPORTS OF FEDERAL,  
STATE AND LOCAL AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE HF-1  
OCTOBER 1991

STATES	ROAD-USER TAX REVENUES 1/					ROAD BRIDGE AND FERRY TOLLS	APPROPRI- ATIONS FROM GENERAL FUNDS	PROPERTY TAXES	OTHER IMPOSTS	MISCELLA- NEOUS RECEIPTS 2/	TOTAL CURRENT INCOME	BOND PROCEEDS (PAR VALUE) 3/	TOTAL RECEIPTS 4/
	FEDERAL AGENCIES	STATE AGENCIES	COUNTIES AND TOWNSHIPS	MUNICIPALITIES	TOTAL								
ALABAMA	278,982	427,381	-	-	708,363	-	140,328	28,758	78,103	50,908	1,000,455	47,834	1,048,289
ALASKA	29,401	38,117	800	4,700	73,018	14,351	208,598	80,000	2,559	31,757	391,285	7,000	398,285
ARIZONA	221,250	521,324	-	-	742,574	-	109,458	28,535	207,457	137,063	1,225,087	180,830	1,385,917
ARKANSAS	205,494	328,328	-	-	533,822	-	35,036	28,999	8,748	90,741	687,343	-	687,343
CALIFORNIA	1,484,786	1,702,808	-	-	3,187,594	113,448	897,453	127,344	142,131	980,395	5,448,363	162,223	5,610,586
COLORADO	171,779	386,302	-	-	538,081	1,137	72,058	85,080	87,615	113,171	897,141	38,015	935,156
CONNECTICUT	188,363	406,567	-	-	574,930	2,150	258,609	-	-	86,808	922,496	326,448	1,248,945
DELAWARE	42,928	107,290	-	-	150,218	56,592	77,787	-	972	22,082	307,650	795	308,445
DIST. OF COL.	21,016	41,508	-	-	62,524	-	1,653	-	-	1,372	65,550	92,318	157,868
FLORIDA	678,003	861,752	239,775	108,480	1,868,010	219,230	523,233	138,166	101,140	421,867	3,291,646	422,371	3,714,017
GEORGIA	521,402	388,256	6,028	748	914,434	1,355	512,930	1,571	280,240	107,013	1,817,543	7,096	1,824,639
HAWAII	33,998	85,848	8,661	-	129,507	-	67,680	-	35,298	11,713	244,198	29,647	273,845
IDAHO	81,810	157,025	-	-	218,835	-	4,855	33,851	6,747	18,706	282,894	-	282,894
ILLINOIS	528,911	1,280,294	392	178,880	1,884,477	233,291	189,748	223,209	78,081	227,003	2,943,810	108,000	3,051,810
INDIANA	359,826	695,864	9,278	12,820	1,077,868	55,720	17,526	27,893	21,005	108,337	1,306,170	-	1,306,170
IOWA	179,050	497,629	-	-	676,679	870	48,012	157,726	112,992	41,432	1,037,711	44,130	1,081,841
KANSAS	181,932	249,558	-	-	431,488	36,913	292,863	104,061	180,317	33,545	1,078,887	37,957	1,116,844
KENTUCKY	252,589	687,133	-	1,942	951,684	18,774	132,595	2,879	16,256	91,828	1,214,098	222	1,214,318
LOUISIANA	261,607	426,462	-	-	688,069	23,335	511,277	80,252	121,771	51,217	1,485,921	16,803	1,502,724
MAINE	83,679	168,071	-	-	251,750	37,105	113,924	-	18	14,720	417,515	29,278	446,793
MARYLAND	258,134	887,117	-	190	1,143,441	43,814	164,514	21,500	-	65,230	1,438,489	20,950	1,459,439
MASSACHUSETTS	278,885	457,700	-	-	736,585	114,606	17,174	383,640	34,052	67,838	1,353,675	195,596	1,549,271
MICHIGAN	457,320	989,431	-	-	1,446,751	12,481	388,821	31,000	2,142	117,586	1,988,561	145,780	2,134,341
MINNESOTA	242,373	735,171	-	-	977,544	-	496,406	214,216	56,896	168,086	1,912,949	98,318	2,011,267
MISSISSIPPI	190,737	357,894	3,048	-	551,679	-	77,198	78,163	64,186	37,754	806,990	39,438	846,428
MISSOURI	363,973	522,884	-	2,878	889,515	2,395	8,003	54,826	264,713	71,531	1,290,983	22,148	1,313,129
MONTANA	87,562	135,473	-	-	203,035	-	34,523	15,899	75,890	15,037	344,344	1,280	345,624
NEBRASKA	103,384	230,021	-	7,664	341,069	679	64,969	99,730	64,678	24,800	595,725	1,442	597,167
NEVADA	77,369	199,012	24,359	-	300,740	-	28,991	5,500	660	20,625	356,425	5,000	361,425
NEW HAMPSHIRE	57,441	124,563	-	-	182,004	36,923	100,487	-	273	19,715	339,382	-	339,382
NEW JERSEY	416,897	677,286	-	-	1,094,183	387,825	456,606	-	-	326,895	2,265,609	207,434	2,473,043
NEW MEXICO	115,912	268,508	2,700	-	387,120	-	43,715	4,500	5,742	25,020	468,098	26,000	494,098
NEW YORK	844,379	891,583	-	30,195	1,566,137	751,507	1,432,833	455,595	7,718	367,828	4,581,815	873,879	5,455,694
NORTH CAROLINA	439,336	813,375	-	8,750	1,261,461	1,260	159,788	3,210	39,319	83,896	1,548,734	66,099	1,614,833
NORTH DAKOTA	50,228	100,821	-	-	151,149	-	12,280	43,083	9,661	6,993	223,165	10,743	233,908
OHIO	577,388	1,302,654	-	-	1,880,342	82,327	178,216	121,648	3,829	203,780	2,470,142	23,030	2,493,172
OKLAHOMA	241,084	387,077	-	-	638,141	50,925	94,650	9,139	63,456	58,341	914,853	597,392	1,512,045
OREGON	194,964	384,776	7,890	-	587,630	4,043	87,983	43,700	94,909	94,314	912,579	5,320	917,899
PENNSYLVANIA	640,682	1,555,573	-	-	2,196,255	279,614	478,320	245,854	4,759	260,339	3,484,941	380,599	3,845,540
RHODE ISLAND	42,842	80,685	-	-	123,507	8,935	44,497	2,500	-	3,714	183,153	29,667	213,020
SOUTH CAROLINA	205,831	401,734	-	-	607,565	-	68,638	19,634	1,870	19,879	717,586	393	717,979
SOUTH DAKOTA	53,334	107,052	691	86	161,163	-	73,046	16,106	31,503	8,945	290,762	4,199	294,961
TENNESSEE	331,608	685,749	15,412	20,406	1,053,175	52	88,120	30,382	42,329	30,436	1,244,494	1,840	1,246,334
TEXAS	1,045,378	1,658,821	58,274	-	2,762,473	71,424	801,394	822,024	32,390	518,486	5,008,191	266,078	5,274,269
UTAH	103,991	189,061	-	-	293,052	-	166,980	-	7,885	11,417	478,314	-	479,314
VERMONT 5/	35,533	94,625	-	-	130,158	-	6,656	49,969	214	5,157	192,155	4,398	196,553
VIRGINIA	385,510	989,055	48,000	32,000	1,434,565	112,127	204,247	10,300	207,734	105,550	2,074,523	351,158	2,425,681
WASHINGTON	282,863	615,620	178	2,592	881,253	83,283	73,172	192,205	78,084	89,027	1,377,023	92,419	1,469,442
WEST VIRGINIA	119,761	291,041	-	8	410,810	39,573	74,766	-	63,360	23,304	811,813	15,000	826,813
WISCONSIN	283,514	601,828	-	232	885,574	50	485,571	185,514	614	46,416	1,804,738	135,785	1,940,523
WYOMING	69,072	70,997	-	-	140,069	-	25,943	7,286	123,184	19,252	315,736	85	315,821
UNDISTRIBUTED BY STATES	-	-	-	-	-	-	71,037	-	665	-	71,702	-	71,702
<b>TOTAL</b>	<b>14,120,149</b>	<b>26,242,842</b>	<b>428,486</b>	<b>410,571</b>	<b>41,200,048</b>	<b>2,878,112</b>	<b>10,736,840</b>	<b>4,302,805</b>	<b>2,859,967</b>	<b>5,556,551</b>	<b>67,534,323</b>	<b>5,152,432</b>	<b>72,686,755</b>

1/ EXCLUDES AMOUNTS ALLOCATED FOR COLLECTION EXPENSES AND NONHIGHWAY PURPOSES. REVENUES ARE SEGREGATED ACCORDING TO THE COLLECTING AGENCY. AMOUNTS SHOWN FOR FEDERAL AGENCIES ARE ESTIMATED BASED ON F.Y. 1989 RECEIPTS REPORTED ON FE-221.  
2/ INCLUDES INTEREST EARNED ON HIGHWAY TRUST FUND RESERVES.

3/ EXCLUDES SHORT-TERM NOTES AND REFUNDING BOND ISSUES.  
4/ DATA MAY INCLUDE ESTIMATES.  
5/ 1989 STATE FINANCE DATA FOR VERMONT WERE ESTIMATED BY FHWA.





# ESTIMATED LONG-TERM HIGHWAY OBLIGATIONS ISSUED, REDEEMED AND OUTSTANDING, 1987 - 1990<sup>1</sup>

TABLE HB-2  
OCTOBER 1991

(MILLIONS OF DOLLARS)

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

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

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

STATUS OF THE FEDERAL HIGHWAY TRUST FUND<sup>1</sup>

FISCAL YEAR ENDED SEPTEMBER 30, 1990

TABLE FE-10  
AUGUST 1991

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

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

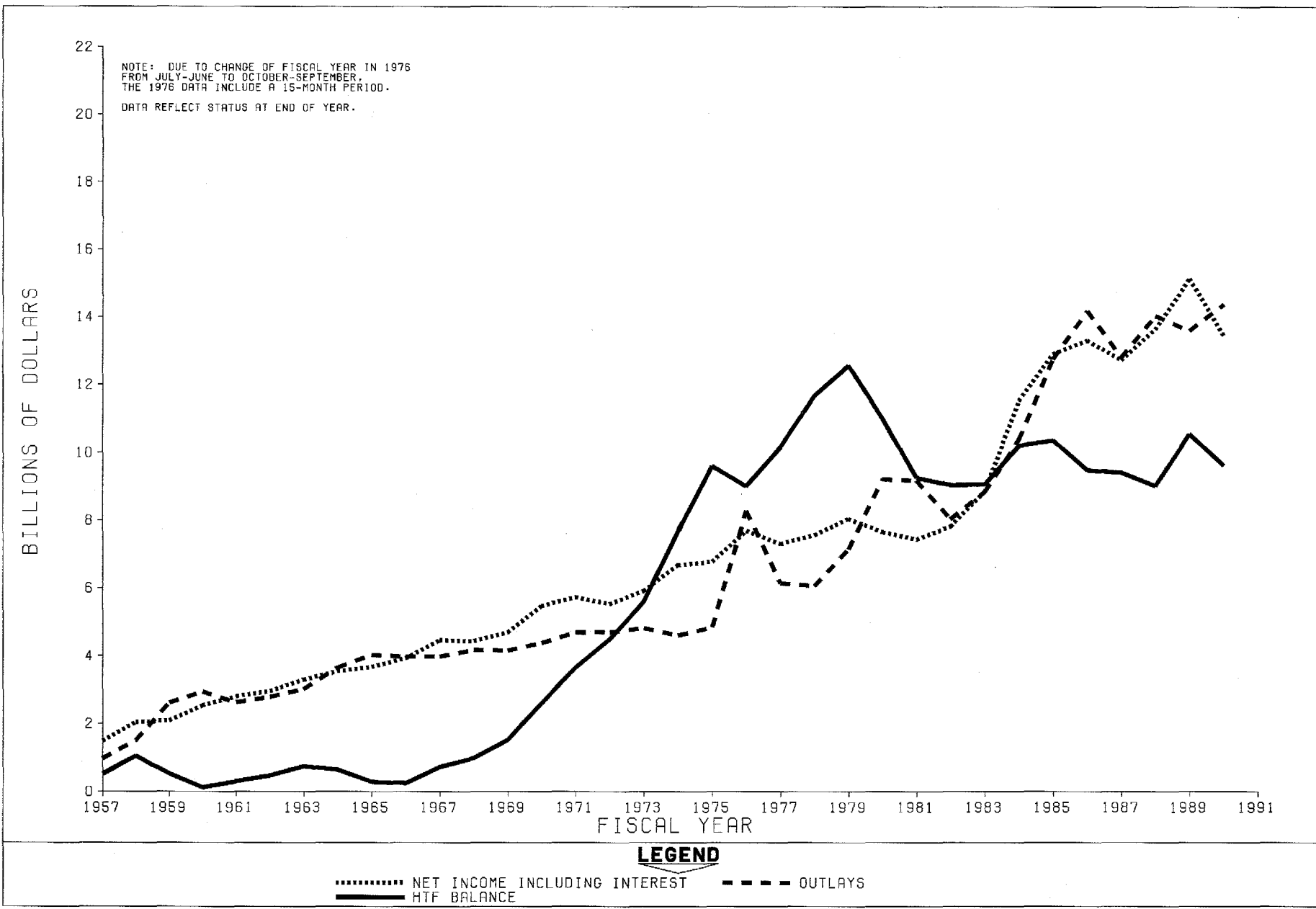
2/ THE MASS TRANSIT ACCOUNT WAS ESTABLISHED APRIL 1, 1983 WITH ENACTMENT OF THE SURFACE TRANSPORTATION ASSISTANCE ACT OF 1982.

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

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

# STATUS OF THE FEDERAL HIGHWAY TRUST FUND

(EXCLUDES MASS TRANSIT ACCOUNT)



## FEDERAL HIGHWAY TRUST FUND RECEIPTS ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE <sup>1</sup>

FISCAL YEAR 1990

TABLE FE-9  
SHEET 1 OF 2  
FEBRUARY 1991

(THOUSANDS OF DOLLARS)

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

## FEDERAL HIGHWAY TRUST FUND RECEIPTS ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE <sup>1</sup>

FISCAL YEAR 1990

TABLE FE-9  
SHEET 2 OF 2  
FEBRUARY 1991

(THOUSANDS OF DOLLARS)

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

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 FUND<sup>1</sup>**

**FISCAL YEARS 1957 - 1990**

TABLE FE-221  
FEBRUARY 1991

(THOUSANDS OF DOLLARS)

STATE	PAYMENTS INTO THE FUND <sup>2/</sup>				APPORTIONMENTS FROM THE FUND <sup>3/</sup>				RATIO - APPORTIONMENTS/PAYMENTS	
	FISCAL YEAR 1990	PERCENT OF TOTAL	CUMULATED SINCE 7-1-58	PERCENT OF TOTAL	FISCAL YEAR 1990	PERCENT OF TOTAL	CUMULATED SINCE 7-1-58	PERCENT OF TOTAL	FISCAL YEAR 1990	CUMULATED SINCE 7-1-58
ALABAMA	280,500	2.089	4,086,818	1.871	240,784	1.892	5,121,186	2.050	0.92	1.28
ALASKA	27,898	0.224	400,897	0.184	166,582	1.170	3,074,801	1.231	5.97	7.67
ARIZONA	196,782	1.578	2,802,318	1.289	177,394	1.248	3,885,874	1.548	0.90	1.38
ARKANSAS	178,034	1.411	2,747,450	1.264	151,472	1.084	2,672,277	1.070	0.86	0.97
CALIFORNIA	1,360,324	10.907	22,089,267	10.186	1,495,287	10.508	18,999,843	8.008	1.10	0.90
COLORADO	145,902	1.170	2,796,320	1.286	246,224	1.730	3,965,416	1.588	1.69	1.42
CONNECTICUT	142,815	1.143	2,840,037	1.214	353,601	2.484	4,462,876	1.787	2.48	1.69
DELAWARE	36,440	0.292	647,944	0.298	52,521	0.369	985,801	0.395	1.44	1.52
DIST. OF COL.	17,888	0.143	429,475	0.198	88,598	0.679	1,733,275	0.694	5.40	4.04
FLORIDA	611,826	4.908	9,018,613	4.149	388,877	2.592	6,282,024	3.316	0.60	0.92
GEORGIA	441,565	3.540	6,462,393	2.973	400,091	2.811	6,443,331	2.580	0.91	1.00
HAWAII	31,816	0.255	545,910	0.251	235,364	1.854	1,918,724	0.768	7.40	3.51
IDAHO	54,594	0.438	1,018,827	0.469	76,859	0.540	1,907,967	0.764	1.41	1.87
ILLINOIS	513,839	4.120	9,519,384	4.379	526,383	3.698	10,745,389	4.302	1.02	1.13
INDIANA	322,639	2.587	5,838,288	2.732	272,403	1.914	5,188,049	2.076	0.84	0.87
IOWA	155,853	1.250	3,126,932	1.438	202,155	1.420	3,667,508	1.468	1.30	1.17
KANSAS	153,751	1.233	2,837,505	1.305	146,279	1.028	3,200,866	1.282	0.95	1.13
KENTUCKY	226,482	1.816	3,573,354	1.644	186,771	1.312	4,228,023	1.693	0.82	1.18
LOUISIANA	220,680	1.789	4,061,225	1.868	214,592	1.508	5,889,075	2.278	0.97	1.40
MAINE	69,779	0.559	1,187,003	0.546	69,881	0.491	1,311,248	0.525	1.00	1.10
MARYLAND	227,472	1.824	3,773,908	1.736	438,072	3.078	6,058,262	2.426	1.93	1.81
MASSACHUSETTS	240,693	1.930	4,536,528	2.087	898,082	6.310	5,742,104	2.299	3.73	1.27
MICHIGAN	403,780	3.237	8,312,447	3.824	322,344	2.265	7,506,331	3.005	0.80	0.90
MINNESOTA	208,872	1.675	4,026,301	1.852	196,329	1.379	5,333,459	2.135	0.94	1.32
MISSISSIPPI	159,118	1.278	2,696,447	1.240	159,965	1.124	2,822,711	1.130	1.01	1.05
MISSOURI	331,821	2.661	5,610,367	2.581	290,010	2.038	5,576,209	2.233	0.87	0.99
MONTANA	56,991	0.457	1,062,688	0.489	120,248	0.845	2,700,562	1.081	2.11	2.54
NEBRASKA	87,239	0.699	1,827,378	0.841	115,657	0.813	2,140,866	0.857	1.33	1.17
NEVADA	71,734	0.575	964,039	0.443	81,651	0.574	1,795,223	0.719	1.14	1.86
NEW HAMPSHIRE	50,826	0.408	828,954	0.381	59,244	0.418	1,244,812	0.499	1.17	1.50
NEW JERSEY	348,397	2.793	6,563,847	3.020	441,885	3.105	6,208,091	2.488	1.27	0.95
NEW MEXICO	95,485	0.766	1,670,744	0.769	111,989	0.787	2,415,153	0.967	1.17	1.45
NEW YORK	562,188	4.508	11,159,700	5.134	754,202	5.299	13,468,055	5.392	1.34	1.21
NORTH CAROLINA	373,637	2.996	6,169,746	2.838	245,256	1.723	5,181,157	2.074	0.66	0.84
NORTH DAKOTA	42,405	0.340	814,991	0.375	77,207	0.542	1,578,570	0.632	1.82	1.94
OHIO	533,373	4.277	10,161,366	4.674	505,953	3.555	9,302,588	3.725	0.95	0.92
OKLAHOMA	204,144	1.637	3,793,643	1.745	196,022	1.377	3,232,468	1.294	0.96	0.85
OREGON	186,945	1.339	2,829,157	1.301	142,408	1.001	3,564,128	1.435	0.85	1.27
PENNSYLVANIA	539,602	4.326	10,139,710	4.664	541,506	3.805	11,505,825	4.607	1.00	1.13
RHODE ISLAND	38,586	0.309	733,825	0.336	124,699	0.878	1,590,216	0.637	3.23	2.17
SOUTH CAROLINA	212,862	1.705	3,185,449	1.465	206,838	1.453	2,964,738	1.187	0.97	0.93
SOUTH DAKOTA	44,434	0.356	874,441	0.402	81,942	0.576	1,707,355	0.684	1.84	1.85
TENNESSEE	295,739	2.371	4,928,666	2.267	288,516	2.027	5,298,776	2.122	0.98	1.08
TEXAS	915,875	7.343	16,850,816	7.680	863,043	6.064	14,279,154	5.717	0.94	0.86
UTAH	89,039	0.714	1,453,030	0.668	99,606	0.700	2,860,356	1.145	1.12	1.97
VERMONT	30,156	0.242	512,209	0.238	63,314	0.445	1,233,313	0.494	2.10	2.41
VIRGINIA	331,555	2.658	5,319,481	2.447	297,291	2.089	6,775,608	2.713	0.90	1.27
WASHINGTON	241,309	1.935	3,861,636	1.776	292,580	2.058	6,582,953	2.836	1.21	1.70
WEST VIRGINIA	99,176	0.795	1,777,571	0.818	135,189	0.950	4,024,407	1.611	1.36	2.26
WISCONSIN	241,548	1.937	4,362,820	2.007	218,754	1.537	3,724,016	1.491	0.91	0.85
WYOMING	60,079	0.482	859,966	0.396	94,329	0.683	1,816,689	0.727	1.57	2.11
TOTAL	12,472,077	100.000	217,381,610	100.000	14,144,258	99.375	248,715,187	99.593	1.13	1.14
AMERICAN SAMOA	--	--	--	--	2,242	0.016	13,853	0.006	--	--
GUAM	--	--	--	--	5,656	0.040	39,927	0.016	--	--
N. MARIANAS	--	--	--	--	1,855	0.012	12,559	0.005	--	--
PUERTO RICO	--	--	--	--	72,454	0.509	930,000	0.372	--	--
VIRGIN ISLANDS	--	--	--	--	6,942	0.049	48,008	0.018	--	--
GRAND TOTAL	12,472,077	100.000	217,381,610	100.000	14,233,205	100.000	249,757,532	100.000	1.14	1.15

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

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

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



HIGHWAY USE OF MOTOR FUEL — 1989 <sup>1</sup>

(THOUSANDS OF GALLONS)

TABLE MF-27  
FEBRUARY 1991

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

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

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS<sup>1</sup>

TABLE FE-101  
SHEET 1 OF 2  
SEPTEMBER 1991

EFFECTIVE DATE OF NEW TAX OR REVISION OF EXISTING TAX	GASOLINE (CENTS PER GALLON) 2/	DIESEL FUEL (CENTS PER GALLON) 3/	LUBRICATING OIL (CENTS PER GALLON) 4/	AUTOMOBILES (PERCENT OF MANUFACTURER'S SALES PRICE)	MOTORCYCLES (PERCENT OF MANUFACTURER'S SALES PRICE)	BUSES (PERCENT OF MANUFACTURER'S SALES PRICE)	TRUCKS 5/	TRAILERS 5/	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES 6/	TUBES 6/	TREAD RUBBER (CENTS PER POUND) 7/	USE
OCTOBER 4, 1917	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-
JANUARY 1, 1919	-	-	-	↓	↓	↓	↓	-	-	-	-	-	AUTOMOBILES FOR \$10 FOR 7 OR FEWER PASSENGERS; \$20 FOR OVER 7 PASSENGER
FEBRUARY 25, 1919	-	-	-	5 PERCENT	5 PERCENT	5 PERCENT	-	-	5 PERCENT	5 PERCENT	5 PERCENT	-	↓
JULY 3, 1924	-	-	-	↓	↓	↓	EXEMPTED TRUCK CHASSIS SOLD FOR \$1,000 OR LESS AND TRUCK BODIES FOR \$200 OR LESS	-	2.5 PERCENT	2.5 PERCENT	2.5 PERCENT	-	↓
FEBRUARY 26, 1926	-	-	-	↓	↓	↓	REPEALED	-	REPEALED	REPEALED	REPEALED	-	↓
MARCH 29, 1926	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	↓
JUNE 30, 1929	-	-	-	↓	↓	↓	-	-	-	-	-	-	REPEALED
MAY 29, 1929	-	-	-	REPEALED	REPEALED	REPEALED	-	-	-	-	-	-	↓
JUNE 21, 1932	1 CENT	-	4 CENTS	3 PERCENT	3 PERCENT	3 PERCENT	2 PERCENT	-	2 PERCENT	2.25 CENTS PER POUND	4 CENTS PER POUND	-	↓
JUNE 17, 1933	1.5 CENTS	-	↓	↓	↓	↓	↓	-	↓	↓	↓	-	↓
JANUARY 1, 1934	1 CENT	-	↓	↓	↓	↓	↓	-	↓	↓	↓	-	↓
JULY 1, 1940	1.5 CENTS	-	4.5 CENTS	3.5 PERCENT	3.5 PERCENT	3.5 PERCENT	2.5 PERCENT	-	2.5 PERCENT	2.5 CENTS PER POUND	4.5 CENTS PER POUND	-	↓
OCTOBER 1, 1941	↓	-	↓	7 PERCENT	7 PERCENT	5 PERCENT	5 PERCENT	HOUSE TRAILERS, 7 PERCENT; OTHERS, 5 PERCENT	5 PERCENT	5 CENTS PER POUND	9 CENTS PER POUND	-	↓
FEBRUARY 1, 1942	↓	-	↓	↓	↓	↓	↓	↓	↓	↓	↓	-	↓
NOVEMBER 1, 1942	↓	-	6 CENTS	↓	↓	↓	↓	↓	↓	↓	↓	-	ALL MOTOR VEHICLES, \$5
JUNE 30, 1946	↓	-	↓	↓	↓	↓	↓	↓	↓	↓	↓	-	↓
NOVEMBER 1, 1951	2 CENTS	2 CENTS	↓	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	8 PERCENT 8/	8 PERCENT	↓	↓	-	REPEALED
SEPTEMBER 1, 1955	↓	↓	CUTTING OIL, 3 CENTS; OTHER, 6 CENTS	↓	REPEALED	↓	↓	↓	↓	↓	↓	-	↓
JULY 1, 1956	3 CENTS	3 CENTS	↓	↓	-	10 PERCENT	10 PERCENT	10 PERCENT 8/	↓	8 CENTS PER POUND	↓	3 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT, ANNUAL TAX \$1.50 PER 1,000 POUNDS
OCTOBER 1, 1959	4 CENTS	4 CENTS	↓	↓	-	↓	↓	↓	↓	↓	↓	↓	↓
JULY 1, 1961	↓	↓	↓	↓	-	↓	↓	↓	↓	10 CENTS PER POUND	10 CENTS PER POUND	5 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT, ANNUAL TAX \$1.50 PER 1,000 POUNDS
JUNE 22, 1965	↓	↓	↓	7 PERCENT 10/	-	10 PERCENT 8/	10 PERCENT 8/	↓	↓	↓	↓	↓	↓
JANUARY 1, 1966	↓	↓	8 CENTS 11/	6 PERCENT	-	↓	↓	↓	8 PERCENT 11/	↓	↓	↓	↓
MARCH 15, 1966	↓	↓	↓	7 PERCENT	-	↓	↓	↓	↓	↓	↓	↓	↓
AUGUST 16, 1971	↓	↓	↓	REPEALED	-	↓	↓	↓	↓	↓	↓	↓	↓
NOVEMBER 10, 1978	4 CENTS 12/ 13/	4 CENTS 13/	6 CENTS 12/ 13/	-	-	REPEALED 13/	↓	↓	8 PERCENT 13/ 14/	10 CENTS PER POUND 13/	10 CENTS PER POUND 13/	5 CENTS 13/	↓
JANUARY 1, 1981	↓	↓	↓	-	-	-	↓	↓	↓	9.75 CENTS PER POUND 13/ 15/	↓	↓	↓
JANUARY 7, 1983	↓	↓	↓	REPEALED	-	-	10 PERCENT 8/ 16/	10 PERCENT 8/ 16/	REPEALED	↓	↓	↓	↓
APRIL 1, 1983	9 CENTS 13/ 17/	9 CENTS 13/ 17/	-	-	-	-	12 PERCENT 8/ 16/	12 PERCENT 8/ 16/	-	↓	↓	↓	↓

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS<sup>1</sup>

TABLE FE-101  
SHEET 2 OF 2  
SEPTEMBER 1991

EFFECTIVE DATE OF NEW TAX OR REVISION OF EXISTING TAX	GASOLINE (CENTS PER GALLON) <sup>2/</sup>	DIESEL FUEL (CENTS PER GALLON) <sup>3/</sup>	LUBRICATING OIL (CENTS PER GALLON) <sup>4/</sup>	AUTOMOBILES (PERCENT OF MANUFACTURER'S SALES PRICE)	MOTORCYCLES (PERCENT OF MANUFACTURER'S SALES PRICE)	BUSES (PERCENT OF MANUFACTURER'S SALES PRICE)	TRUCKS <sup>5/</sup>	TRAILERS <sup>6/</sup>	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES <sup>6/</sup>	TUBES <sup>6/</sup>	TREAD RUBBER (CENTS PER POUND) <sup>7/</sup>	USE
JANUARY 1, 1984	↓	↓	↓	-	-	-	↓	↓	-	18 CENTS PER POUND OVER 40 TO 70 POUNDS; \$4.60 PLUS 30 CENTS PER POUND OVER 70 TO 90 POUNDS; \$10.60 PLUS 80 CENTS PER POUND OVER 90 POUNDS	REPEALED	REPEALED	↓
JULY 1, 1984	↓	↓	↓	-	-	-	↓	↓	-	↓	-	-	ANNUAL TAX ON MOTOR VEHICLES: 55,000 TO 75,000 POUNDS GROSS WEIGHT, \$100 PLUS \$22 PER 1,000 POUNDS OVER 55,000 POUNDS; OVER 75,000 POUNDS, \$650
AUGUST 1, 1984	↓	16 CENTS	↓	-	-	-	↓	↓	-	↓	-	-	↓
JANUARY 1, 1987	9.1 CENTS 13/ 17/ 20/	18.1 CENTS 13/ 17/ 19/ 20/	↓	-	-	-	↓	↓	-	↓	-	-	↓
DECEMBER 1, 1990	14.1 CENTS 13/ 17/ 20/ 21/	20.1 CENTS 13/ 17/ 19/ 20/ 21/	↓	-	-	-	↓	↓	-	↓	-	-	↓
EXISTING RATES JANUARY 1, 1992	14.1 CENTS 13/ 17/ 20/ 21/	20.1 CENTS 13/ 17/ 19/ 20/ 21/	↓	-	-	-	12 PERCENT 6/ 16/	12 PERCENT 6/ 16/	-	18 CENTS PER POUND OVER 40 TO 70 POUNDS; \$4.60 PLUS 30 CENTS PER POUND OVER 70 TO 90 POUNDS; \$10.60 PLUS 80 CENTS PER POUND OVER 90 POUNDS	-	-	ANNUAL TAX ON MOTOR VEHICLES: 55,000 TO 75,000 POUNDS GROSS WEIGHT, \$100 PLUS \$22 PER 1,000 POUNDS OVER 55,000 POUNDS; OVER 75,000 POUNDS, \$650
SCHEDULED CHANGE UNDER EXISTING LAWS	TERMINATION OCT. 1, 1995 <sup>22/</sup>	TERMINATION OCT. 1, 1995 <sup>22/</sup>	-	-	-	-	TERMINATION OCT. 1, 1995	TERMINATION OCT. 1, 1995	-	TERMINATION OCT. 1, 1995	-	-	TERMINATION OCT. 1, 1995

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

2/ INCLUDES GASOLINE AND 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 NATURAL GAS IS NOT TAXED. THE GASOLINE TAX APPLIES TO ALL GALLONAGE IMPORTED OR PRODUCED. THE SPECIAL FUELS TAX APPLIES TO ALL GALLONAGE 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, 1984, 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, 1978, AND FOR GASOLINE AND SPECIAL FUELS USED BY CERTAIN LOCAL TRANSIT SYSTEMS THROUGH NOVEMBER 30, 1978. EFFECTIVE JANUARY 1, 1979 THROUGH MARCH 31, 1983, GASOLIN, 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 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 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 28, 1982; RE-ENACTED EFFECTIVE JUNE 21, 1982, 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, 1981. THE ADDITIONAL 3 CENTS PER POUND, EFFECTIVE JULY 1, 1986, AND 2 CENTS PER POUND, EFFECTIVE JULY 1, 1991, APPLY TO TIRES FOR HIGHWAY VEHICLES ONLY. LAMINATED TIRES ARE TAXED 1 CENT PER POUND EFFECTIVE JULY 1, 1986. 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 TIRES OF THE TYPE USED ON HIGHWAY VEHICLES.

8/ EXEMPTIONS FROM STATED TAXES ARE: HOUSE TRAILERS, NOVEMBER 1, 1981; SCHOOL BUSES, CAMPER BODIES, MOTOR HOMES, TRUCK AND TRAILER BODIES DESIGNED FOR SEED, FEED, AND FERTILIZER, SMALL THREE-WHEELED VEHICLES, JUNE 22, 1986; TRUCKS, BUSES, AND TRAILERS 10,000 POUNDS OR LESS GROSS WEIGHT, SEPTEMBER 23, 1977; 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 WHOLESALSALE PRICE UNTIL JANUARY 1, 1986, THE 10 PERCENT RATE THAT BECAME EFFECTIVE ON A TEMPORARY BASIS NOVEMBER 1, 1981 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 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 18, 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 BUSES 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 IS 3 CENTS PER GALLON LESS THAN THE PREVAILING RATE UNLESS USED BY QUALIFIED LOCAL BUSES WHICH ARE FULLY EXEMPT.

14/ ALTHOUGH THE "BASIC" TAX IS 5 PERCENT OF THE MANUFACTURER'S WHOLESALSALE PRICE, THE 8-PERCENT RATE THAT BECAME EFFECTIVE ON A TEMPORARY BASIS NOVEMBER 1, 1981, HAS REMAINED IN EFFECT THROUGH PERIODIC EXTENSIONS.

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

16/ TRUCKS 33,000 POUNDS OR LESS GROSS VEHICLE WEIGHT, TRAILERS 26,000 POUNDS OR LESS GROSS VEHICLE WEIGHT AND RAIL/HIGHWAY TRAILERS ARE EXEMPT FROM STATED TAXES. EFFECTIVE JULY 18, 1984 PIGGYBACK TRAILERS ARE TAXED AT 6 PERCENT THROUGH JULY 17, 1986.

17/ THE DIESEL FUEL TAX IS IMPOSED ON FUEL USED IN A DIESEL-POWERED 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. FUEL CONSISTING OF AT LEAST 86 PERCENT METHANOL, AND ETHANOL, OR OTHER ALCOHOL, EXCEPT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS IS EXEMPT THROUGH DECEMBER 31, 1990 THEN TAXED AT 2.1 CENTS PER GALLON THROUGH NOVEMBER 30, 1990, THEN AT 3.95 CENTS FOR ETHANOL BLENDS AND 8.06 CENTS FOR METHANOL BLENDS. FUEL CONSISTING OF AT LEAST 88 PERCENT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS IS TAXED AT 9 CENTS PER GALLON THROUGH JULY 31, 1984 THEN TAXED AT 4.8 CENTS PER GALLON THROUGH DECEMBER 31, 1984, THEN TAXED AT 3.1 CENTS THROUGH NOVEMBER 30, 1990, THEN TAXED AT 7.1 CENTS. MOTOR FUEL WITH AT LEAST 10 PERCENT ALCOHOL MADE FROM PETROLEUM, NATURAL GAS, OR COAL IS TAXED AT 4 CENTS PER GALLON. EFFECTIVE JANUARY 1, 1986, THE 4-CENT RATE CHANGED TO 3 CENTS 8 CENTS FOR DIESEL-BASED FUEL THROUGH DECEMBER 31, 1984, THEN 3.1 CENTS (8.1 FOR DIESEL-BASED FUEL). EFFECTIVE DECEMBER 1, 1990, THE RATE INCREASED TO 8.7 CENTS FOR GASOLINE-ETHANOL BLENDS, 8.1 CENTS FOR GASOLINE-METHANOL BLENDS AND 14.7 CENTS FOR DIESEL-BASED FUEL. EFFECTIVE JANUARY 1, 1983 THROUGH SEPTEMBER 30, 1985, A 4-CENT REFUND CAN BE CLAIMED FOR CERTAIN TAXICAB USE.

18/ THE EFFECTIVE DATE FOR THE RATE CHANGE FOR SMALL OWNER-OPERATOR WITH 8 OR FEWER TAXABLE TRUCKS IS JULY 1, 1986. RATE IS REDUCED BY 28 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, 1986 AND BEFORE JANUARY 1, 1983, A ONE-TIME DIESEL DIFFERENTIAL PAYMENT IS MADE TO THE ORIGINAL PURCHASER OF A DIESEL AUTOMOBILE OF \$102, AND OF A DIESEL TRUCK OR VAN, 10,000 POUNDS GROSS WEIGHT OR LESS, \$198. THE OWNER OF ANY OF THESE VEHICLES AS OF DECEMBER 31, 1984 OR 1985 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/ INCLUDES 0.1 CENT PER GALLON TAX DEDICATED TO THE LEAKING UNDERGROUND STORAGE TANK TRUST FUND EFFECTIVE JANUARY 1, 1987.

21/ INCLUDES 2.5 CENTS PER GALLON TAX FOR REDUCTION OF THE NATIONAL DEBT.

22/ THE 0.1 CENT PER GALLON TAX FOR THE LEAKING UNDERGROUND STORAGE TANK TRUST FUND EXPIRES DECEMBER 31, 1995.

# NET REVENUES TO THE HIGHWAY TRUST FUND <sup>1</sup>

## FISCAL YEARS 1957-1990

TABLE FE-201  
SEPTEMBER 1991

(MILLIONS OF DOLLARS)

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

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

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

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

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

**EXPENDITURE OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION<sup>1</sup>  
DURING CALENDAR YEAR 1990**

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

(THOUSANDS OF DOLLARS)

TABLE FA-3  
SEPTEMBER 1991

STATE	FEDERAL - AID HIGHWAY FUNDS - PAID FROM HIGHWAY TRUST FUND												OTHER FUNDS <sup>3</sup>	TOTAL
	PRIMARY	SECONDARY	URBAN	INTERSTATE	INTERSTATE RESURFACING	EIGHTY-FIVE PERCENT MINIMUM ALLOCATION FUNDS	PLANNING AND RESEARCH	HIGHWAY SAFETY	BRIDGE REPLACEMENT	EMERGENCY RELIEF	OTHER <sup>2</sup>	FEDERAL-AID TOTAL		
ALABAMA	43,443	12,975	8,672	96,434	66,359	-	3,143	6,367	53,004	1,315	841	292,552	17,759	310,312
ALASKA	68,949	28,383	2,372	11,444	13,081	-	2,188	2,781	4,753	984	4,620	139,554	108	139,662
ARIZONA	11,918	8,630	9,622	30,274	67,262	28,799	1,496	4,130	5,036	(5)	9,212	177,374	2,701	180,075
ARKANSAS	27,080	10,747	4,170	15,433	22,225	27,577	1,743	3,520	19,631	80	11,419	143,825	1,186	144,811
CALIFORNIA	246,986	7,992	82,370	380,304	283,094	160,713	25,480	36,295	47,019	90,941	112,107	1,475,302	11,911	1,487,213
COLORADO	39,145	11,651	7,309	123,932	53,398	-	3,259	3,221	14,956	-	12,089	268,960	479	269,439
CONNECTICUT	40,774	2,103	9,608	276,266	39,285	-	3,696	2,951	60,053	80	285	435,081	2,351	437,432
DELAWARE	11,052	2,644	3,169	21,321	3,394	-	733	1,354	2,432	429	3,725	50,253	18	50,271
DIST. OF COL.	14,720	-	3,302	24,797	23,719	-	1,266	2,053	7,907	1	3,246	81,011	1,875	82,887
FLORIDA	48,933	4,772	28,465	157,025	104,980	25,848	10,442	9,580	49,952	889	725	441,612	4,528	446,140
GEORGIA	46,520	15,754	7,408	58,422	85,334	86,835	4,827	11,365	31,563	-	24,849	372,878	13,879	386,758
HAWAII	9,724	3,042	3,422	108,329	4,246	-	2,024	992	2,574	-	1,157	135,510	199	135,709
IDAHO	14,427	6,320	5,539	48,310	20,476	-	1,292	2,046	3,499	9,112	14,434	125,455	1	125,457
ILLINOIS	58,011	22,480	36,318	166,768	103,623	-	3,932	14,280	61,871	-	4,415	475,810	8,977	484,787
INDIANA	57,703	11,473	13,896	12,796	60,546	50,447	3,023	7,225	40,997	-	6,410	264,506	2,927	267,434
IOWA	36,488	16,115	4,615	43,433	30,739	-	2,395	7,419	46,708	-	15,769	203,681	263	203,944
KANSAS	32,304	10,340	35,864	20,013	35,864	37	2,052	9,695	37,587	24	7,585	185,463	34	185,497
KENTUCKY	24,584	9,204	3,624	41,403	40,060	3,065	2,819	4,244	25,570	215	3,111	158,018	19,941	177,960
LOUISIANA	38,857	7,743	12,869	152,050	50,717	-	5,063	8,585	22,132	-	3,122	301,238	6	301,244
MAINE	15,343	1,630	2,853	21,189	13,867	411	1,265	2,657	8,852	300	238	68,615	-	68,615
MARYLAND	23,072	4,936	8,912	221,522	53,054	-	2,995	1,336	22,544	-	17,373	355,746	8,369	364,134
MASSACHUSETTS	10,066	4,533	10,371	126,211	19,272	-	6,734	2,268	26,948	882	127	207,414	451	207,864
MICHIGAN	63,217	17,021	28,619	55,522	74,164	31,052	6,857	15,072	21,150	23	6,084	318,781	(534)	318,247
MINNESOTA	25,451	493	8,607	138,654	48,047	-	3,071	9,635	5,579	31	29,185	268,754	867	269,621
MISSISSIPPI	32,104	9,680	3,911	8,202	33,306	16,696	1,751	5,752	21,225	(12)	9,497	142,111	6,053	148,163
MISSOURI	63,836	20,812	7,696	16,517	57,426	34,185	4,423	6,483	72,161	-	5,521	289,062	1,433	290,495
MONTANA	29,286	11,218	4,858	10,671	30,522	-	1,831	1,735	6,773	161	7,330	104,384	2,951	107,335
NEBRASKA	25,361	4,652	3,502	23,325	13,333	-	2,023	3,197	16,551	1	3,098	95,042	4,532	99,574
NEVADA	23,495	3,019	2,694	17,559	17,891	-	1,155	2,767	11,738	639	5,869	86,845	1,326	88,171
NEW HAMPSHIRE	10,013	3,502	660	9,300	12,075	-	789	1,973	15,341	-	2,899	54,142	5	54,146
NEW JERSEY	40,756	5,989	29,056	189,929	40,756	-	6,700	5,266	57,183	5,037	138	371,104	(215)	370,889
NEW MEXICO	24,809	12,256	2,747	5,662	39,350	-	1,386	710	4,947	9	5,403	97,278	825	98,104
NEW YORK	115,434	11,531	27,925	124,604	83,582	-	10,487	15,629	147,152	356	47,620	584,320	3,108	587,428
NORTH CAROLINA	85,238	9,394	16,033	55,708	83,626	74,389	4,163	6,088	38,493	4	9,014	382,148	4,008	386,156
NORTH DAKOTA	9,017	7,064	3,553	8,792	19,134	-	1,636	3,530	6,335	-	9,056	68,118	1,376	69,492
OHIO	62,683	13,668	22,926	28,191	105,761	101,102	7,279	12,448	55,659	-	1,005	410,921	3,552	414,473
OKLAHOMA	32,180	12,020	5,130	3,117	28,422	49,304	2,334	3,631	30,251	548	1,436	168,373	126	168,499
OREGON	25,051	4,129	5,300	36,277	33,752	2,015	2,444	3,133	23,397	4	9,309	144,811	4,663	149,474
PENNSYLVANIA	124,041	15,154	13,982	337,014	77,521	-	12,166	16,926	124,440	356	28,683	750,294	16,859	767,153
RHODE ISLAND	8,417	3,224	2,508	81,042	3,604	-	(511)	1,197	3,697	-	3,850	107,028	71	107,099
SOUTH CAROLINA	17,294	4,527	3,601	41,901	52,396	7,874	3,475	4,818	32,503	4,474	66	172,728	680	173,409
SOUTH DAKOTA	27,697	7,387	4,898	13,781	14,308	-	1,624	4,650	10,038	22	5,634	90,039	2,528	92,567
TENNESSEE	25,423	13,905	12,863	33,970	65,101	34,592	3,319	5,794	48,404	1,871	13,017	258,227	10,308	268,535
TEXAS	138,272	14,759	2,646	109,392	187,599	307,895	10,124	22,192	20,739	1,769	210,318	1,025,805	452	1,026,256
UTAH	9,752	6,442	2,683	32,472	31,121	-	1,821	2,719	3,651	2,404	11,693	104,757	83	104,840
VERMONT	4,573	3,511	3,878	10,004	15,845	-	1,189	1,189	6,123	-	599	46,713	-	46,713
VIRGINIA	33,935	15,685	26,159	103,542	119,826	257	5,333	6,075	8,581	116	5,120	324,628	7,242	331,870
WASHINGTON	36,026	10,483	9,402	212,344	35,513	-	4,508	5,727	31,256	47,711	8,836	401,805	13,879	415,684
WEST VIRGINIA	36,087	2,621	3,989	11,459	11,901	-	1,953	1,981	38,632	450	1,481	110,552	22,568	133,121
WISCONSIN	42,053	11,333	11,747	12,500	37,716	59,271	4,816	5,803	22,411	-	3,291	211,040	-	211,040
WYOMING	13,320	5,468	4,012	8,970	63,350	927	1,609	927	6,501	-	14,246	118,402	586	118,988
TOTAL	2,107,019	465,411	554,633	3,898,105	2,621,835	1,106,595	201,627	321,200	1,486,700	171,199	713,545	13,647,870	207,319	13,855,189
AMERICAN SAMOA	1,845	-	-	-	-	-	43	238	-	27	-	2,154	-	2,154
GUAM	741	-	-	-	-	-	5	415	-	-	-	1,161	-	1,161
N. MARIANAS	1,149	-	-	-	-	-	-	792	-	-	-	1,981	-	1,981
PUERTO RICO	25,151	6,219	7,852	-	12,437	-	1,147	532	5,469	5,837	530	65,273	182	65,456
VIRGIN ISLANDS	638	-	-	-	-	-	76	225	-	1,251	(240)	1,950	106	2,056
UNDISTRIBUTED <sup>4</sup> ADMIN. & RESEARCH	-	-	-	-	-	(1,314)	33,683	12,971	(367)	220	185,099	5/ 230,291	29,186	259,477
GRAND TOTAL	2,136,544	471,630	562,485	3,898,105	2,634,272	1,105,281	236,581	336,313	1,491,801	178,634	898,933	13,950,580	244,370	14,194,950

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

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

Highway Finance

## APPORTIONMENT OF FEDERAL-AID HIGHWAY FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION<sup>1</sup> FOR FISCAL YEAR 1991 (FY 1992 INTERSTATE)

TABLE FA-4  
SEPTEMBER 1991

(THOUSANDS OF DOLLARS)

STATE	FEDERAL-AID HIGHWAY SYSTEM FUNDS						OTHER FEDERAL-AID HIGHWAY FUNDS								TOTAL 4/
	CONSOLIDATED PRIMARY	RURAL SECONDARY	URBAN SYSTEM	FY 1992		TOTAL	INTERSTATE HIGHWAY SUBSTITUTE	EIGHTY-FIVE PERCENT MINIMUM ALLOCATION FUNDS	HAZARD ELIMINATION FUNDS	ELIMINATION OF HAZARDS AT RAIL-HIGHWAY CROSSINGS	BRIDGE REPLACEMENT AND REHABILITATION FUNDS	HIGHWAY SAFETY PROGRAMS 3/	METROPOLITAN PLANNING		
				INTERSTATE	INTERSTATE 4R 2/										
ALABAMA	40,961	11,990	9,412	67,861	46,243	178,487	-	-	2,988	3,220	28,966	2,265	563	216,489	
ALASKA	74,471	32,087	3,636	13,771	20,212	144,177	-	-	828	2,439	3,409	632	235	151,720	
ARIZONA	31,061	9,708	9,393	13,771	55,420	119,353	-	37,500	2,026	1,578	3,409	1,536	611	166,011	
ARKANSAS	29,028	10,849	4,439	13,771	27,011	85,098	-	30,351	2,003	2,467	17,879	1,517	235	139,540	
CALIFORNIA	166,832	24,343	92,083	339,475	249,040	871,573	20,092	81,354	14,159	10,183	44,368	10,755	6,310	1,058,814	
COLORADO	33,965	10,831	9,746	47,826	47,380	146,748	-	-	2,327	2,203	12,747	1,763	644	169,432	
CONNECTICUT	25,171	4,046	10,435	106,278	32,157	180,085	92,923	-	1,842	1,048	66,681	1,399	739	346,917	
DELAWARE	11,272	2,909	3,636	13,771	12,647	44,235	-	-	828	505	3,693	632	235	50,328	
DIST. OF COL.	11,272	-	3,636	39,037	12,647	66,592	14,911	-	828	211	9,505	632	235	92,914	
FLORIDA	76,058	15,213	34,691	94,890	93,651	314,503	-	145,969	6,249	4,687	24,028	4,743	2,371	502,550	
GEORGIA	55,297	15,724	13,836	52,423	86,600	226,880	10,330	101,317	3,995	4,696	26,646	3,029	831	377,924	
HAWAII	11,272	2,909	3,636	63,879	12,647	94,343	-	-	828	392	3,685	632	235	100,115	
IDAHO	18,336	7,228	3,636	13,771	22,689	65,640	-	-	1,132	1,429	3,409	856	235	72,701	
ILLINOIS	89,498	16,580	39,905	13,771	88,227	247,981	15,755	-	7,423	7,926	39,428	5,634	2,647	326,794	
INDIANA	52,389	13,614	14,452	13,771	55,780	150,006	4,284	78,544	4,962	3,841	22,832	2,913	830	268,212	
IOWA	34,176	12,205	6,615	13,771	36,527	103,294	7,399	-	2,700	3,796	25,053	2,044	297	144,583	
KANSAS	32,066	11,470	6,183	13,771	36,835	100,345	-	-	2,624	4,671	24,796	1,965	273	134,894	
KENTUCKY	39,368	11,992	7,396	25,080	44,131	127,967	-	2,266	2,649	2,535	27,181	2,009	393	165,022	
LOUISIANA	36,701	9,718	11,792	72,716	43,039	175,968	-	-	2,820	3,176	27,967	2,140	703	212,772	
MAINE	14,377	5,062	3,636	13,771	12,647	49,493	-	-	828	936	8,965	632	235	60,461	
MARYLAND	33,865	5,783	14,308	87,288	42,109	183,311	37,497	-	2,515	1,427	16,823	1,910	1,003	244,486	
MASSACHUSETTS	44,456	6,039	20,276	750,762	34,281	855,814	6,885	-	3,370	2,011	77,184	2,560	1,419	946,223	
MICHIGAN	82,341	17,323	27,419	31,273	83,682	242,036	-	35,538	6,098	5,352	30,042	4,627	1,845	325,540	
MINNESOTA	43,280	14,299	10,996	15,577	48,634	132,786	5	-	3,468	4,042	17,128	2,642	656	160,747	
MISSISSIPPI	31,617	10,598	4,637	13,771	30,711	91,334	-	25,094	2,076	2,240	19,276	1,573	235	141,830	
MISSOURI	51,430	15,542	13,610	13,771	70,859	165,212	-	27,057	3,632	3,998	53,736	2,904	836	257,577	
MONTANA	25,912	10,858	3,636	13,771	40,608	94,583	-	-	1,154	1,613	7,064	871	235	105,520	
NEBRASKA	24,568	9,082	4,003	13,771	21,119	72,543	-	-	1,765	2,661	16,900	1,349	235	95,533	
NEVADA	18,605	7,050	3,636	13,771	22,605	65,867	-	-	866	784	3,409	670	235	71,851	
NEW HAMPSHIRE	11,272	2,909	3,636	13,771	12,647	44,235	-	-	828	613	7,564	632	235	54,137	
NEW JERSEY	53,290	5,353	27,930	138,548	31,864	257,005	34,230	-	4,231	2,691	61,153	3,215	2,008	364,538	
NEW MEXICO	25,801	9,606	3,825	13,771	41,513	94,316	-	-	1,254	1,206	4,413	949	235	102,373	
NEW YORK	134,318	17,839	62,930	13,771	87,787	318,445	192,596	-	10,391	6,020	136,344	7,883	4,402	674,091	
NORTH CAROLINA	84,509	18,176	11,267	44,111	47,640	185,705	99,269	-	4,072	3,961	27,500	3,069	639	324,255	
NORTH DAKOTA	17,041	6,697	3,636	13,771	19,918	61,263	-	-	1,239	2,809	4,926	935	235	71,407	
OHIO	93,516	18,479	33,210	45,301	100,696	291,002	8,275	71,201	6,859	6,302	41,726	5,207	2,067	432,659	
OKLAHOMA	33,835	11,452	8,092	13,771	35,111	102,261	-	41,422	2,750	3,301	29,136	2,062	404	161,356	
OREGON	29,614	9,962	7,231	27,629	38,233	112,669	5,967	13,565	2,375	2,194	7,903	1,798	405	146,896	
PENNSYLVANIA	107,452	22,011	34,125	126,092	63,400	353,080	50	-	7,450	5,904	122,903	5,656	2,268	467,240	
RHODE ISLAND	11,272	2,909	3,636	13,771	12,647	44,235	-	-	828	445	3,409	632	235	114,573	
SOUTH CAROLINA	32,848	9,368	6,680	13,771	42,789	105,454	-	26,032	2,306	2,585	10,583	1,750	360	151,102	
SOUTH DAKOTA	18,345	7,522	3,636	13,771	24,484	67,758	-	-	1,137	1,655	6,507	858	235	78,150	
TENNESSEE	47,429	13,692	11,367	13,771	64,663	150,852	24,852	1,742	3,268	3,267	34,756	2,483	668	222,018	
TEXAS	131,840	36,755	46,968	93,509	189,899	498,871	-	196,747	10,657	10,906	81,647	8,079	2,913	779,920	
UTAH	19,531	6,429	5,112	13,771	40,667	85,510	-	-	1,214	1,153	3,409	920	335	92,541	
VERMONT	11,272	2,909	3,636	13,771	12,740	44,328	-	-	828	619	7,627	632	235	54,269	
VIRGINIA	49,712	13,096	14,733	19,179	72,305	169,021	-	59,940	3,511	2,731	30,635	2,665	972	269,475	
WASHINGTON	39,498	10,119	12,597	64,189	55,489	181,892	-	-	3,019	2,717	33,649	2,289	637	224,603	
WEST VIRGINIA	23,631	7,434	3,636	13,771	20,766	69,238	-	-	1,384	1,708	37,656	1,050	235	111,473	
WISCONSIN	47,332	13,245	12,245	13,771	34,515	121,157	-	58,075	3,615	3,929	26,312	2,740	746	213,574	
WYOMING	17,146	6,999	3,636	13,771	32,080	73,634	-	-	828	912	3,409	632	235	79,650	
U.S. TOTAL 6/	2,261,969	577,843	718,480	2,754,287	2,516,819	8,629,418	540,848	1,134,984	162,189	154,630	1,356,887	123,045	46,543	12,350,643	
AMERICAN SAMOA	-	-	-	-	-	-	-	-	414	-	-	-	-	730	
GUAM	-	-	-	-	-	-	-	-	414	-	-	-	-	730	
N. MARIANAS	-	-	-	-	-	-	-	-	414	-	-	-	-	730	
PUERTO RICO	26,884	3,533	7,858	-	11,383	46,658	-	-	1,819	740	4,548	1,362	549	58,666	
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	414	-	-	-	-	730	
GRAND TOTAL 6/	2,288,873	581,376	726,338	2,754,287	2,528,201	8,679,075	540,848	1,134,984	165,665	155,670	1,363,435	125,690	47,091	12,412,459	

1/ APPORTIONMENT PURSUANT TO THE SURFACE TRANSPORTATION AND UNIFORM RELOCATION ASSISTANCE ACT OF 1967. DOES NOT INCLUDE FUNDS FROM THE MASS TRANSIT ACCOUNT OF THE HIGHWAY TRUST FUND.  
 2/ RESURFACING, REHABILITATION, RESTORATION AND RECONSTRUCTION.  
 3/ INCLUDES \$9.9 MILLION ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION AND \$116.4 MILLION ADMINISTERED BY THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION. DOES NOT INCLUDE \$4.5 MILLION SET ASIDE FOR COMMERCIAL VEHICLE DRIVER LICENSING PROGRAMS.  
 4/ DOES NOT INCLUDE FUNDS FROM THE FOLLOWING PROGRAMS: EMERGENCY RELIEF, FOREST HIGHWAYS, PUBLIC

LANDS HIGHWAYS, PARKWAYS AND PARK HIGHWAYS, INDIAN RESERVATION ROADS, INTERSTATE AND INTERSTATE 4-R DISCRETIONARY, BRIDGE DISCRETIONARY, TRUCK AND BUS SAFETY GRANTS, ALLOCATED INTERSTATE HIGHWAY SUBSTITUTE OR SECTION 143 DEMONSTRATION FUNDS. THESE FUNDS ARE ALLOCATED FROM THE HIGHWAY TRUST FUND.  
 5/ MAY NOT ADD DUE TO ROUNDING.  
 6/ DOES NOT INCLUDE \$11.3 MILLION APPORTIONED TO THE TERRITORIES CONSIDERED AS ONE STATE.



## APPORTIONMENT FORMULAS – FEDERAL-AID HIGHWAY PROGRAM<sup>1</sup>

### FISCAL YEAR 1991

LEGISLATION AND STRATEGIC PLANNING DIVISION  
OFFICE OF POLICY DEVELOPMENT

TABLE FA-4A  
OCTOBER 1991

FUND	FACTORS	WEIGHT	STATUTE 2/	MINIMUM APPOINTMENT
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 style="margin-left: 20px;">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 style="margin-left: 20px;">RURAL POPULATION URBAN POPULATION 5/</p> <p>FOR EACH STATE, DETERMINE GREATER OF A OR B, THEN EACH STATE'S APPOINTMENT EQUALS:</p> <p>A OR B X <u>TOTAL PRIMARY AUTHORIZATION</u> SUM OF ALL STATES' A OR B EXCEPT THAT: THE APPOINTMENT IS NOT LESS THAN SMALLER OF A OR B</p>	<p>2/9 2/9 2/9 1/3</p> <p>1/2 1/2</p>	104(b)(1)      SEC. 108, P.L. 97-424 AS AMENDED 6/	1/2 PERCENT (INCLUDING TERRITORIES AS A WHOLE)
SECONDARY SYSTEM	AREA RURAL POPULATION RURAL DELIVERY ROUTE MILEAGE AND INTERCITY MAIL ROUTE MILEAGE	1/3 1/3 1/3	104(b)(2)	1/2 PERCENT (EXCEPT FOR DIST. OF COL.)
URBAN SYSTEM	URBAN AREA POPULATION 5/	1	104(b)(6)	1/2 PERCENT
URBAN TRANSPORTATION PLANNING	URBANIZED AREA POPULATION 7/	1	104(f)(2)	1/2 PERCENT
BRIDGE REPLACEMENT AND REHABILITATION	RELATIVE SHARE OF TOTAL COST OF DEFICIENT BRIDGES	1	144(e)	1/4 PERCENT (10 PERCENT MAXIMUM)
HAZARD ELIMINATION	TOTAL POPULATION PUBLIC ROAD MILEAGE	3/4 1/4	152(e)	1/2 PERCENT (TERRITORIES, 1/4 PERCENT)
HIGHWAY SAFETY PROGRAMS	TOTAL POPULATION PUBLIC ROAD MILEAGE	3/4 1/4	402(c)	1/2 PERCENT (TERRITORIES, 1/4 PERCENT)
RAIL-HIGHWAY CROSSING	AREA RURAL POPULATION RURAL DELIVERY ROUTE MILEAGE AND INTERCITY MAIL ROUTE MILEAGE URBAN POPULATION NUMBER OF RAIL-HIGHWAY CROSSINGS	1/12 1/12 1/12 1/4 1/2	SEC. 203(d), P.L. 93-87 AS AMENDED	- - 1/2 PERCENT 1/2 PERCENT NO MINIMUM

1/ EACH STATE IS GUARANTEED AN AMOUNT SUFFICIENT TO ENSURE THAT ITS PERCENTAGE OF TOTAL APPOINTMENTS 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/ APPOINTMENT 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/ APPOINTMENT FACTORS ARE CONTAINED IN THE PERIODIC REPORTS, "REVISED TABLES FOR APPOINTING 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 1990'

PROGRAM ANALYSIS DIVISION OFFICE OF FISCAL SERVICES

(THOUSANDS OF DOLLARS)

TABLE FA-46 SEPTEMBER 1991

Table with columns: STATE, CONSOLIDATED PRIMARY, RURAL SECONDARY, URBAN SYSTEM, INTERSTATE, INTERSTATE RESURFACING, INTERSTATE HIGHWAY SUBSTITUTE, EIGHTY-FIVE PERCENT MINIMUM ALLOCATION, HAZARD ELIMINATION, ELIMINATION OF HAZARDS AT RAIL-HIGHWAY CROSSINGS, BRIDGE REPLACEMENT, METROPOLITAN PLANNING, PLANNING AND RESEARCH, DEMONSTRATION PROJECTS, OTHER PROGRAMS, TOTAL, OTHER FUNDS AND ADJUSTMENTS, GRAND TOTAL. Rows include states like ALABAMA, CALIFORNIA, TEXAS, etc., and a U.S. TOTAL row.

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 M70 PREPARED BY THE OFFICE OF FISCAL SERVICES. NEGATIVE NUMBERS INDICATE ADJUSTMENTS TO PROJECTS.

# OBLIGATION OF FEDERAL-AID HIGHWAY FUNDS BY FUNCTIONAL CLASS<sup>1</sup>

## FISCAL YEAR ENDING SEPTEMBER 30, 1990

COMPILED FROM THE FISCAL MANAGEMENT INFORMATION SYSTEM

(THOUSANDS OF DOLLARS)

Table FA-4C  
SEPTEMBER 1991

STATE	RURAL						URBAN						OTHER <sup>2</sup>	TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL		
ALABAMA	42,057	37,785	32,334	8,947	7,284	8,385	76,696	2,374	17,186	23,370	37	313	1,231	255,999
ALASKA	33,745	13,620	12,737	51,543	3,045	3,948	12,669	(412)	15,556	18,108	4,118	(140)	(9,947)	158,590
ARIZONA	39,310	8,353	2,230	14,392	2,392	12,244	95,486	272	6,271	7,363	1,180	2,015	4,826	196,314
ARKANSAS	10,583	42,209	15,836	24,717	2,713	2,438	11,044	18,471	19,064	6,948	1,298	491	4,662	160,476
CALIFORNIA	24,318	161,148	38,079	21,867	59,881	10,382	637,766	232,620	83,935	61,458	17,771	5,433	120,071	1,479,729
COLORADO	66,536	26,524	5,458	14,784	847	4,914	95,029	9,725	5,320	3,690	1,544	1,376	8,449	243,998
CONNECTICUT	126,964	13,966	889	1,380	580	572	74,761	21,304	61,219	3,897	1,139	21,853	14,495	343,019
DELAWARE	-	15,814	1,753	5,888	467	1,115	79	(151)	25,779	15	1,234	3	2,308	54,304
DIST. OF COL.	-	-	-	-	-	-	76,971	1,094	10,367	5,262	2,145	(33)	5,495	101,321
FLORIDA	86,133	16,811	31,564	4,472	21,828	1,591	58,371	25,166	45,379	57,419	14,274	7,059	13,190	383,277
GEORGIA	26,369	35,448	53,934	11,794	22,406	5,295	88,134	54,626	69,416	21,038	4,421	1,285	10,371	404,558
HAWAII	204,378	11,577	1,173	998	(51)	(55)	(782)	10	10,636	306	2,177	61	1,464	231,892
IDAHO	11,146	29,692	12,417	10,110	76	1,161	2,451	14	3,475	2,555	292	3,125	2,953	79,467
ILLINOIS	33,914	35,270	73,703	(83)	(10)	33,470	68,929	5,832	36,275	172,314	(861)	71,311	11,036	541,102
INDIANA	38,014	53,854	8,057	19,429	6,120	9,200	47,908	42,595	24,845	18,399	19,788	984	19,788	300,735
IOWA	61,425	41,892	187	26,698	132	11,788	3,935	32,376	14,507	4,247	3,032	(195)	5,113	205,137
KANSAS	26,903	21,039	13,076	17,163	818	6,765	34,362	25,006	(6,253)	9,448	183	1,940	2,985	153,445
KENTUCKY	23,242	22,040	15,591	27,612	7,858	3,080	64,813	898	5,041	25,810	3,102	2,285	4,749	205,921
LOUISIANA	47,040	(276)	5,392	(515)	3,872	24,067	131,989	7,860	4,771	7,044	(673)	7,282	8,551	246,424
MAINE	5,614	12,559	18,259	14,672	1,251	2,888	190	-	2,579	4,088	3,129	41	1,898	67,188
MARYLAND	74,454	32,709	5,225	11,863	3,073	3,158	204,295	34,223	32,265	11,290	10,089	4,924	4,623	432,191
MASSACHUSETTS	964	9,767	1,178	2,989	1,794	(371)	166,944	10,302	100,112	50,681	23,242	24,476	27,850	419,628
MICHIGAN	42,051	50,253	3,299	15,408	83,377	14,757	22,681	27,419	18,414	40,663	5,820	6,010	6,010	348,259
MINNESOTA	17,919	24,268	9,178	13,914	4,891	2,919	64,729	(170)	20,824	19,910	359	2,158	9,002	189,701
MISSISSIPPI	20,748	53,074	15,794	27,183	1,206	1,394	1,394	-	18,105	9,169	3,258	303	2,841	177,203
MISSOURI	31,626	44,429	26,370	16,653	1,221	12,257	41,936	34,913	47,960	12,896	6,598	1,826	3,924	284,609
MONTANA	28,592	27,235	26,042	12,314	5,974	10,803	649	-	2,742	3,706	4,568	120	2,740	125,485
NEBRASKA	13,676	26,191	3,592	8,714	931	5,056	37,893	1,231	3,204	6,921	(37)	977	3,471	111,520
NEVADA	10,036	6,744	531	9,760	2,390	483	22,898	25,978	3,472	6,204	841	-	1,070	90,407
NEW HAMPSHIRE	31,258	13,975	3,933	1,221	3,667	1,906	2,236	(420)	49	2,236	(20)	(20)	1,581	59,686
NEW JERSEY	1,639	6,619	3,617	26,595	10,544	2,923	148,753	73,882	35,925	81,866	9,120	5,223	21,106	427,813
NEW MEXICO	48,532	15,254	14,527	12,228	3,504	2,370	12,577	-	4,294	1,129	880	1,062	2,844	119,201
NEW YORK	40,431	29,180	23,163	16,780	12,353	14,543	116,562	16,250	327,803	68,636	28,290	21,299	26,382	741,652
NORTH CAROLINA	42,812	88,479	4,907	9,024	5,170	13,240	65,249	23,927	38,765	6,322	680	4,251	9,730	312,556
NORTH DAKOTA	14,554	6,410	12,251	1,884	2,776	9,539	-	5,769	4,315	265	1	3,428	76,755	111,520
OHIO	77,346	30,587	17,422	39,414	7,031	8,140	186,473	27,764	130,770	30,683	34,870	14,294	9,519	614,313
OKLAHOMA	11,976	44,352	7,501	39,427	488	10,189	15,204	34,041	12,778	11,544	5,875	1,828	4,258	199,463
OREGON	28,924	18,622	2,111	9,286	3,388	6,514	35,985	-	15,174	8,037	6,909	859	3,851	139,660
PENNSYLVANIA	54,403	56,948	24,565	19,311	15,109	3,398	182,962	83,116	73,057	11,867	30,091	2,449	19,303	576,379
RHODE ISLAND	(43)	4,623	4,220	4,369	7,742	2,382	55,587	22,190	5,910	8,454	872	8,789	124,951	124,951
SOUTH CAROLINA	48,020	40,385	9,987	10,060	2,768	7,121	21,261	5,919	17,801	25,894	1,093	674	2,664	183,647
SOUTH DAKOTA	13,227	38,333	4,537	13,068	188	6,397	161	-	8,972	2,519	(27)	154	2,182	87,741
TENNESSEE	35,741	41,676	18,891	25,220	2,710	12,986	57,713	-	46,945	41,371	10,856	22,722	5,568	322,399
TEXAS	50,436	140,808	35,357	56,796	9,859	12,195	240,198	73,056	129,767	13,359	9,341	14,199	15,879	801,354
UTAH	28,143	3,748	11,126	-	424	11,126	35,457	-	5,215	361	-	5,340	5,689	106,720
VERMONT	14,169	(679)	4,896	(3,368)	189	3,973	1,153	27	(673)	16,711	1,360	124	1,003	38,887
VIRGINIA	5,794	12,453	6,285	29,630	87	5,445	170,210	22,321	5,535	8,899	10,946	922	6,239	284,766
WASHINGTON	479	36,358	16,031	11,635	11,735	4,671	176,403	791	14,512	7,324	5,960	(151)	12,349	300,117
WEST VIRGINIA	18,050	56,736	5,878	10,881	2,084	4,319	1,220	12,399	14,330	39,502	4,140	(992)	2,692	171,238
WISCONSIN	40,873	76,202	30,006	15,005	536	6,860	5,575	10,120	21,125	14,871	3,012	7,565	233,692	233,692
WYOMING	51,167	5,702	13,548	10,145	1,413	7,729	(106)	-	-	610	2,014	(45)	1,926	94,103
U.S. TOTAL	1,808,376	1,642,866	708,639	762,426	279,396	349,018	3,717,521	1,052,647	1,634,581	995,298	344,233	285,170	461,532	14,019,181
AMERICAN SAMOA	-	59	-	1,500	-	-	-	-	126	-	-	-	174	1,859
GUAM	-	(352)	1,396	196	-	-	-	840	2,943	-	-	-	226	5,249
PUERTO RICO	2,662	13,658	1,314	46	1,923	1,058	13,673	20,642	9,506	1,041	222	798	7,617	74,160
N. MARIANAS	-	1,190	82	-	-	-	-	-	53	10	-	-	16	1,351
VIRGIN ISLANDS	-	-	219	85	434	(760)	-	-	31	-	-	-	6,441	6,450
HEADQUARTERS	-	-	-	-	-	-	-	-	-	-	-	-	30,687	30,687
GRAND TOTAL	1,808,376	1,657,421	711,650	764,253	281,753	349,316	3,731,194	1,074,329	1,647,240	996,289	344,455	285,968	506,693	14,139,937

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

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

RECEIPTS AND EXPENDITURES FOR HIGHWAYS BY FEDERAL AGENCIES - SUMMARY - 1990<sup>1</sup>

TABLE FA-5  
SEPTEMBER 1991

(MILLIONS OF DOLLARS)

AGENCY AND FUND	RECEIPTS					EXPENDITURES FOR HIGHWAYS											GRAND TOTAL EXPENDITURES
	AUTO-MOTIVE EXCISES	GENERAL FUND APPROPRIATIONS	TIMBER SALES	OTHER	TOTAL	PAYMENTS TO STATES AND D.C.			PAYMENTS TO LOCAL GOVERNMENTS	DIRECT EXPENDITURES							
						FEDERAL-AID AND OTHER REIMBURSEMENTS	FOR RETURN TO LOCAL GOVERNMENTS	TOTAL 2/		CAPITAL OUTLAY			ADMINISTRATION AND RESEARCH	TOTAL DIRECT			
										ENGIN-EERING	CON-STRUC-TION	TOTAL			MAIN-TENANCE		
<b>FEDERAL HIGHWAY ADMINISTRATION:</b>																	
<b>HIGHWAY TRUST FUND</b>																	
INTERSTATE AND FAP, FAS, FAU FUNDS	-	-	-	-	-	9,335.6	306.0	9,641.6	57.3	-	3.7	3.7	-	213.9	217.6	9,916.5	
BRIDGE REPLACEMENT FUNDS	-	-	-	-	-	1,486.9	-	1,486.9	5.5	-	0.1	0.1	-	-	0.1	1,492.5	
OTHER FEDERAL-AID FUNDS 4/	-	-	-	-	-	5/ 2,351.9	-	2,351.9	9.8	0.3	1.2	1.5	-	12.5	14.0	2,375.7	
FEDERAL LANDS HIGHWAYS	-	-	-	-	-	39.1	-	39.1	-	24.1	98.6	122.7	-	3.8	126.5	165.6	
TOTAL	12,389.7	-	-	3/ 912.9	3/ 13,302.6	13,213.5	306.0	13,519.5	72.6	24.4	103.6	128.0	-	230.2	358.2	13,950.3	
<b>GENERAL FUND</b>																	
RAILROAD CROSSING DEMONSTRATION	-	10.5	-	-	10.5	10.5	-	10.5	-	-	-	-	-	-	-	10.5	
OTHER FEDERAL FUNDS 6/	-	59.2	-	-	59.2	31.6	-	31.6	0.2	0.2	0.7	0.9	-	26.5	27.4	59.2	
INTERSTATE SUBSTITUTION	-	15.3	-	-	15.3	15.3	-	15.3	-	-	-	-	-	-	-	15.3	
TOTAL	-	85.0	-	-	85.0	57.4	-	57.4	0.2	0.2	0.7	0.9	-	26.5	27.4	85.0	
<b>FUNDS TRANSFERRED FROM OTHER AGENCIES:</b>																	
FOREST SERVICE	-	4.6	-	-	4.6	1.0	-	1.0	-	0.3	3.2	3.5	-	0.1	3.6	4.6	
PARK SERVICE	-	17.7	-	-	17.7	-	-	-	-	5.5	11.5	17.0	-	0.7	17.7	17.7	
APPLACHIAN DEVELOPMENT	-	97.1	-	-	97.1	95.9	-	95.9	-	-	-	-	-	1.2	1.2	97.1	
DEPARTMENT OF DEFENSE 7/	-	27.4	-	-	27.4	21.0	-	21.0	-	1.0	5.0	6.0	-	0.4	6.4	27.4	
BUREAU OF LAND MANAGEMENT	-	2.3	-	-	2.3	-	-	-	-	0.3	1.9	2.2	-	0.1	2.3	2.3	
OTHER 8/	-	10.1	-	-	10.1	9.3	-	9.3	-	-	0.7	0.7	-	0.1	0.8	10.1	
TOTAL TRANSFERRED FUNDS	-	159.2	-	-	159.2	127.2	-	127.2	-	7.1	22.3	29.4	-	2.6	32.0	159.2	
TOTAL FUNDS ADMINISTERED BY FHWA	12,389.7	244.2	-	912.9	13,546.8	13,398.1	306.0	13,704.1	9/ 72.8	31.7	126.6	156.3	-	259.3	417.6	14,194.5	
<b>OTHER AGENCY FUNDS</b>																	
FOREST SERVICE 10/	-	8.3	174.5	-	182.8	0.4	174.1	174.5	0.1	-	8.2	8.2	-	-	8.2	182.8	
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION 11/	-	201.9	-	-	201.9	132.6	0.1	132.7	9/ 2.6	-	-	-	-	76.5	76.5	211.8	
NATIONAL PARK SERVICE	-	60.0	-	-	60.0	-	-	-	-	-	-	-	60.0	-	60.0	60.0	
BUREAU OF INDIAN AFFAIRS	-	32.8	-	-	32.8	0.1	-	0.1	-	-	2.4	2.4	30.3	-	32.7	32.8	
BUREAU OF RECLAMATION	-	58.3	-	-	58.3	16.1	-	16.1	-	-	42.2	42.2	-	-	42.2	58.3	
U.S. CORPS OF ENGINEERS	-	-	-	26.3	26.3	3.2	0.9	4.1	0.2	-	22.0	22.0	-	-	22.0	26.3	
BUREAU OF LAND MANAGEMENT	-	-	-	12/ 86.0	86.0	55.2	13.6	68.8	3.4	-	0.8	0.8	13.0	-	13.8	86.0	
HOUSING AND URBAN DEVELOPMENT, CDBG	-	171.0	-	-	171.0	-	-	-	171.0	-	-	-	-	-	-	171.0	
ALL OTHER FEDERAL AGENCIES	-	131.6	-	-	131.6	11.3	1.8	13.1	118.5	-	-	-	-	-	-	131.6	
TOTAL, OTHER AGENCY FUNDS	-	663.9	174.5	112.3	950.7	218.9	190.5	409.4	295.8	-	75.6	75.6	103.3	76.5	179.8	960.6	
GRAND TOTAL, ALL FUNDS	12,389.7	908.1	174.5	1,025.2	14,497.5	13,617.0	496.5	14,113.5	368.6	31.7	202.2	233.9	103.3	335.8	597.4	15,155.1	

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

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

# OBLIGATION OF FEDERAL-AID HIGHWAY FUNDS FOR HIGHWAY IMPROVEMENTS FISCAL YEAR 1990

COMPILED FROM THE FISCAL  
MANAGEMENT INFORMATION SYSTEM

[ INTENDED TO SHOW ONLY NEW START PROJECTS AUTHORIZED IN FY 1990\* ]  
(THOUSANDS OF DOLLARS)

TABLE FA-10  
SEPTEMBER 1991

TYPE OF IMPROVEMENT	RURAL						URBAN						NOT IDENTIFIED BY FUNCTIONAL CLASS 2/	TOTAL
	INTERSTATE	OTHER PRICIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRICIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL		
<b>NEW CONSTRUCTION</b>														
NUMBER OF MILES	43.5	106.6	10.8	21.0	19.4	3.2	48.2	68.7	30.1	5.8	12.0	2.8	-	372.0
FEDERAL FUNDS	160,104	170,524	9,429	13,916	7,944	7,925	658,958	240,655	117,869	40,113	27,534	2,114	4,570	1,461,661
TOTAL COST	167,058	226,650	12,769	17,774	10,548	8,830	734,701	361,081	193,635	50,225	52,484	3,197	5,325	1,866,283
<b>RELOCATION</b>														
NUMBER OF MILES	2.6	79.8	19.0	11.1	1.8	17.7	0.1	14.3	11.9	7.4	0.3	0.5	-	168.7
FEDERAL FUNDS	15,266	71,972	17,673	26,456	853	4,332	33,131	49,319	47,273	13,039	1,425	1,014	-	281,760
TOTAL COST	16,791	92,235	22,357	32,431	1,066	4,398	33,646	63,035	62,903	17,575	1,783	1,384	-	349,809
<b>RECONSTRUCTION</b>														
NUMBER OF MILES	278.3	401.3	357.1	728.5	40.3	147.7	120.3	54.1	179.0	105.8	99.8	45.7	0.8	2,558.6
FEDERAL FUNDS	310,956	297,815	148,212	223,010	28,915	61,926	489,670	146,152	383,422	211,275	109,998	65,856	1,806	2,479,018
TOTAL COST	347,374	393,649	195,773	284,889	35,525	70,362	549,172	206,967	567,978	317,820	152,134	94,022	2,143	3,218,012
<b>MAJOR WIDENING</b>														
NUMBER OF MILES	37.7	193.4	26.9	39.4	0.2	6.7	86.5	13.9	58.2	41.3	21.9	3.4	-	529.4
FEDERAL FUNDS	69,364	131,736	33,636	22,511	370	8,675	280,273	28,554	99,808	75,864	29,791	4,126	-	784,724
TOTAL COST	77,107	179,963	45,221	29,471	478	10,947	313,641	34,403	135,089	100,308	42,913	6,656	-	976,181
<b>MINOR WIDENING</b>														
NUMBER OF MILES	26.2	111.2	125.9	335.1	20.6	81.0	4.7	2.0	42.3	29.8	28.4	7.2	-	814.2
FEDERAL FUNDS	6,708	44,792	37,274	50,490	4,623	5,801	13,415	1,455	31,787	43,108	13,001	6,570	80	259,110
TOTAL COST	7,330	57,348	47,379	67,306	8,037	9,916	16,390	1,698	47,411	57,620	16,549	8,614	107	343,710
<b>RESTORATION &amp; REHABILITATION</b>														
NUMBER OF MILES	726.9	357.8	202.5	256.3	63.4	31.3	192.1	21.0	105.8	53.8	20.1	21.5	-	2,052.8
FEDERAL FUNDS	291,605	107,839	48,019	58,188	14,571	10,368	122,440	17,566	70,472	30,255	14,212	5,649	743	791,935
TOTAL COST	323,145	134,459	59,335	72,882	16,857	12,497	138,670	21,850	90,176	39,709	17,516	6,993	853	934,846
<b>RESURFACING</b>														
NUMBER OF MILES	861.5	959.7	1,021.0	1,043.3	143.9	177.2	244.2	48.7	245.8	129.0	72.2	43.9	-	4,990.7
FEDERAL FUNDS	281,104	153,649	88,375	72,621	11,281	16,825	232,679	23,894	65,834	45,380	22,019	17,129	-	1,030,796
TOTAL COST	314,582	200,026	116,237	97,067	14,411	22,964	265,882	31,489	87,476	58,474	29,006	22,777	-	1,260,997
<b>NEW BRIDGE</b>														
NUMBER OF BRIDGES	64	153	19	46	5	10	262	126	87	29	16	-	-	817
FEDERAL FUNDS	193,041	66,449	6,822	10,255	1,303	838	341,161	91,888	49,322	21,379	12,301	-	-	784,765
TOTAL COST	214,089	108,219	8,882	13,477	1,715	1,112	378,565	126,257	75,207	27,445	15,484	-	-	970,436
<b>BRIDGE REPLACEMENT</b>														
NUMBER OF BRIDGES	69	204	283	588	187	755	129	42	102	110	89	100	1	2,639
FEDERAL FUNDS	125,231	103,395	111,827	159,387	56,010	133,466	84,571	50,794	143,516	227,585	74,141	52,975	764	1,323,668
TOTAL COST	139,673	132,296	142,090	202,237	70,831	170,209	92,596	64,469	186,676	289,772	93,933	69,119	955	1,654,861
<b>MAJOR BRIDGE REHABILITATION</b>														
NUMBER OF BRIDGES	218	123	52	78	11	31	248	46	80	36	22	23	-	970
FEDERAL FUNDS	79,232	23,706	17,483	23,996	3,746	4,368	224,437	35,826	313,441	40,842	23,104	26,503	-	816,690
TOTAL COST	88,328	30,080	23,500	31,470	4,699	5,506	259,774	49,130	386,038	51,057	28,609	32,754	-	990,948
<b>MINOR BRIDGE REHABILITATION</b>														
NUMBER OF BRIDGES	155	74	43	47	7	6	148	28	31	24	5	-	-	568
FEDERAL FUNDS	18,416	8,577	3,512	4,491	937	2,391	56,807	9,328	2,657	12,813	7,003	34	1,548	128,518
TOTAL COST	20,388	10,817	4,520	5,914	1,239	2,991	64,027	11,825	3,298	14,948	9,216	42	2,040	151,251
<b>SAFETY/TRAFFIC OPERATIONS/TSM</b>														
NUMBER OF PROJECTS	639	911	706	914	780	1,288	589	209	1,337	1,096	1,090	725	99	10,383
FEDERAL FUNDS	101,913	76,010	48,288	37,099	59,138	41,211	196,230	32,910	143,795	96,293	114,213	45,966	25,967	1,021,040
TOTAL COST	116,616	90,988	60,317	43,006	71,778	45,717	219,345	40,100	181,677	121,126	135,158	54,883	29,647	1,210,365
<b>ENVIRONMENTALLY RELATED</b>														
NUMBER OF PROJECTS	112	33	18	9	5	1	191	25	51	15	24	-	33	517
FEDERAL FUNDS	22,705	1,832	9,729	462	308	61	61,180	4,852	5,538	751	13,539	-	873	121,835
TOTAL COST	25,074	2,210	12,199	577	421	76	68,431	6,780	6,746	967	19,797	-	945	144,229
<b>OTHER 3/</b>														
NUMBER OF PROJECTS	44	40	20	33	92	32	50	4	22	31	177	28	987	1,560
FEDERAL FUNDS	5,927	3,363	1,606	2,076	15,107	6,556	9,142	1,188	7,210	3,074	18,686	3,578	209,097	286,615
TOTAL COST	6,618	4,391	2,118	2,632	18,843	8,059	10,356	1,592	9,132	3,871	23,360	4,410	271,713	367,102
<b>U.S. TOTAL</b>														
NUMBER OF MILES	1,977	2,210	1,763	2,435	290	465	896	223	673	373	255	125	1	11,484
NUMBER OF BRIDGES	506	554	397	759	210	802	787	242	300	201	112	123	1	4,994
NUMBER OF PROJECTS	795	984	744	956	877	1,321	830	238	1,410	1,142	1,291	753	1,119	12,460
FEDERAL FUNDS	1,681,579	1,261,667	581,891	704,964	205,112	304,751	2,804,100	734,397	1,481,950	863,779	480,974	231,520	245,452	11,582,141
TOTAL COST	1,884,158	1,665,538	752,684	901,139	254,454	373,590	3,145,401	1,020,682	2,033,428	1,150,922	637,948	304,856	313,730	14,438,537

1/ THIS TABLE CONTAINS FEDERAL-AID FUNDS OBLIGATED AND HIGHWAY IMPROVEMENT PROJECTS INITIALLY AUTHORIZED IN FISCAL YEAR 1990 BY TYPE OF IMPROVEMENT AND FUNCTIONAL SYSTEM. ADDITIONAL FUNDS OBLIGATED FOR PROJECTS INITIALLY AUTHORIZED IN PRIOR FISCAL YEARS ARE NOT INCLUDED. THEREFORE, OBLIGATIONS SHOWN IN THIS TABLE WILL BE LESS THAN THOSE SHOWN IN TABLE FA-48. TOTALS MAY NOT ADD DUE TO ROUNDING.

2/ "NOT IDENTIFIED BY FUNCTIONAL CLASS" CATEGORY INCLUDES FEDERAL-AID FUNDED PROJECTS NOT OTHERWISE INCLUDED IN THE

REMAINING FUNCTIONAL SYSTEM CATEGORIES, SUCH AS HIGHWAY PLANNING AND RESEARCH, METROPOLITAN PLANNING AND CERTAIN DEMONSTRATION PROJECTS.

3/ "OTHER" CATEGORY INCLUDES FEDERAL-AID FUNDED PROGRAMS NOT OTHERWISE INCLUDED IN THE REMAINING IMPROVEMENT TYPES, SUCH AS BRIDGE PROGRAM SPECIAL ACTIONS, HIGHWAY PLANNING AND RESEARCH AND METROPOLITAN PLANNING.











FEDERAL-AID FUNDS OBLIGATED AND PROJECTS AUTHORIZED  
FISCAL YEAR 1990

TABLE FA-11  
SHEET 5 OF 7  
SEPTEMBER 1991

COMPILED FROM THE FISCAL  
MANAGEMENT INFORMATION SYSTEM

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

Table with columns: STATE AND TYPE OF FUND, ROADWAY PROJECTS (MILES OF ROADWAY, MAJOR WIDENING, MINOR WIDENING, RESTORATION/REHABILITATION, RESURFACING, FUNDING), BRIDGE PROJECTS (NUMBER OF BRIDGES, MAJOR REHABILITATION, MINOR REHABILITATION, FUNDING), OTHER PROJECTS (SAFETY/TSM, ENVIRONMENTAL, REMAINDER, FUNDING), and TOTALS BY FUND TYPE (FUNDING OBLIGATED).



FEDERAL-AID FUNDS OBLIGATED AND PROJECTS AUTHORIZED  
FISCAL YEAR 1990

TABLE FA-11  
SHEET 7 OF 7  
SEPTEMBER 1991

COMPILED FROM THE FISCAL  
MANAGEMENT INFORMATION SYSTEM

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

Table with columns for State and Type of Fund, Roadway Projects (Miles of Roadway, Funding), Bridge Projects (Number of Bridges, Funding), and Other Projects (Number of Projects, Funding). Rows include Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and U.S. Total.

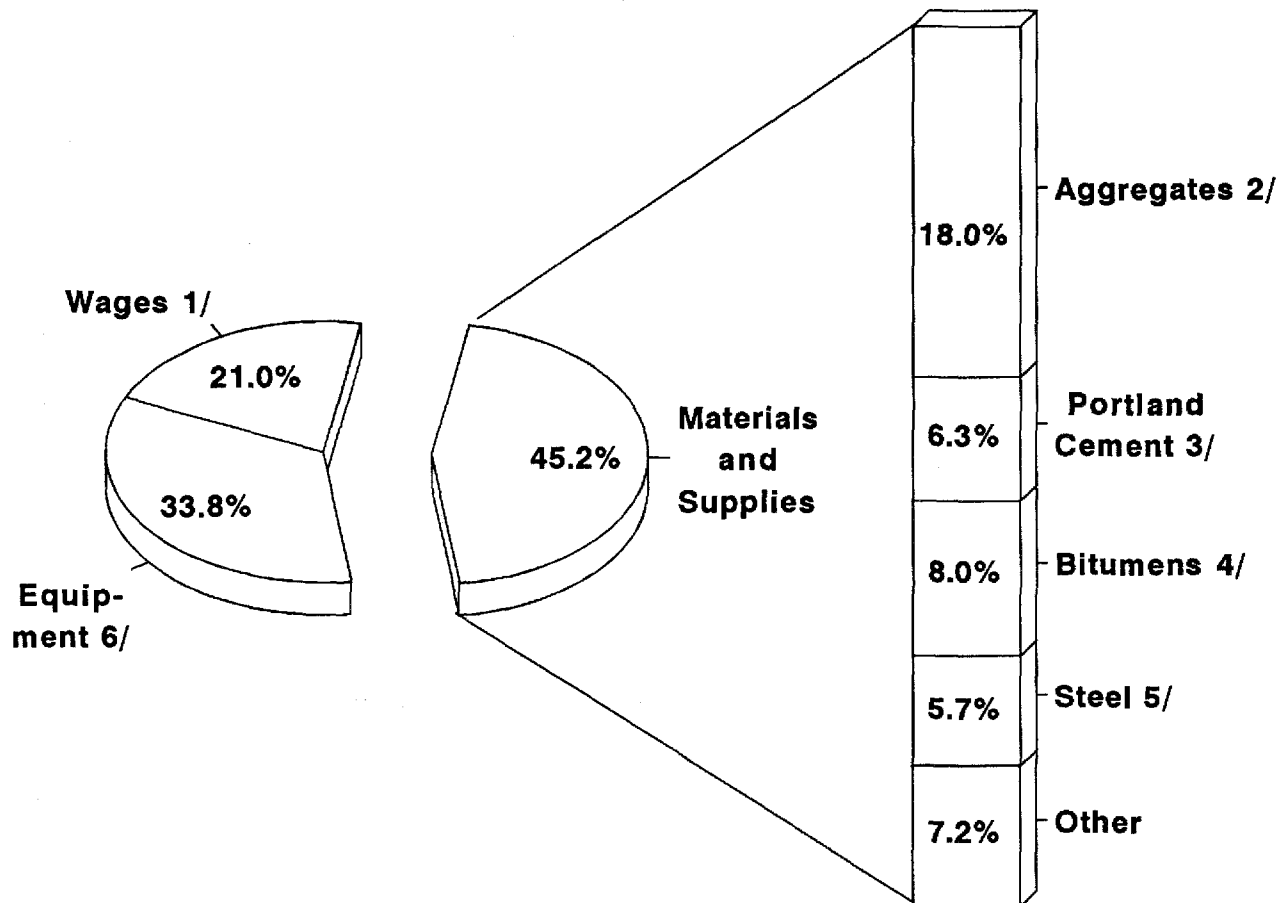
1/ THIS TABLE CONTAINS FEDERAL-AID FUNDS OBLIGATED AND HIGHWAY IMPROVEMENT PROJECTS INITIALLY AUTHORIZED IN FISCAL YEAR 1990 BY TYPE OF IMPROVEMENT AND FUNCTIONAL SYSTEM. ADDITIONAL FUNDS OBLIGATED FOR PROJECTS INITIALLY AUTHORIZED IN PRIOR YEARS ARE NOT INCLUDED. THEREFORE, OBLIGATIONS IN THIS TABLE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

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





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



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

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

3) For both roadway and structures.

4) For various types of bituminous surfaces and bases.

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

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

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

## USAGE FACTORS FOR MAJOR HIGHWAY CONSTRUCTION MATERIALS AND LABOR<sup>1</sup>

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

FEDERAL-AID AND DESIGN DIVISION  
OFFICE OF ENGINEERING, FHWA

TABLE PT-4  
SEPTEMBER 1991

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

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

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

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

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



**DISPOSITION OF RECEIPTS FROM STATE IMPOSTS ON HIGHWAY USERS – 1990**

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE OF OCTOBER 1991

STATE	RECEIPTS AVAILABLE FOR DISTRIBUTION <sup>1/</sup>	FOR COLLECTION AND ADMINISTRATION OF HIGHWAY-USER TAXATION	NET FUNDS DISTRIBUTED	FOR STATE ADMINISTERED HIGHWAYS			FOR LOCAL ROADS AND STREETS <sup>3/</sup>			FOR MASS TRANSPORTATION PURPOSES	FOR NONHIGHWAY PURPOSES <sup>4/</sup>					
				CAPITAL OUTLAY MAINTENANCE AND ADMINISTRATION	HIGHWAY LAW ENFORCEMENT AND SAFETY	SERVICE OBLIGATIONS FOR STATE HIGHWAYS	TOTAL	COUNTY AND TOWNSHIP ROADS <sup>2/</sup>	MUNICIPAL STREETS		TOTAL	STATE GENERAL PURPOSES	LOCAL GENERAL PURPOSES	OFFSET BY GENERAL FUNDS FOR HIGHWAYS (NONADDITIVE) <sup>5/</sup>	TOTAL	
ALABAMA	518,329	21,754	494,575	239,389	52,370	27,348	319,107	160,495	14,520	175,015	454	-	-	-	-	-
ALASKA <sup>7/</sup>	50,185	4,475	45,690	45,690	-	-	45,690	-	-	-	-	-	-	-	(45,690)	-
ARIZONA	572,292	29,175	543,117	31,248	20,513	150,237	201,998	124,371	215,458	339,829	-	1,289	-	-	(852)	1,289
ARKANSAS	329,211	9,557	319,654	214,652	20,843	-	235,495	42,209	41,286	83,495	-	663	-	-	-	663
CALIFORNIA <sup>8/</sup>	4,904,878	420,948	4,483,930	852,188	498,552	-	1,350,740	345,163	373,115	718,278	66,420	327,461	2,021,029	-	-	2,348,490
COLORADO	405,526	34,818	370,708	177,105	38,129	-	215,234	85,761	62,689	148,450	4,052	86	-	-	-	2,973
CONNECTICUT	513,053	33,691	479,362	43,230	40,083	201,408	284,721	10,462	33,784	44,246	150,394	-	-	-	-	-
DELAWARE	110,998	4,859	106,139	2,593	32,558	49,517	84,666	-	3,000	3,000	-	269	-	-	(6,065)	269
DIST. OF COL. <sup>7/</sup>	75,142	4,803	70,339	-	-	-	-	-	70,340	70,340	-	-	-	-	(69,884)	-
FLORIDA	1,305,996	182,301	1,123,695	566,473	99,669	26,463	692,605	159,826	64,828	224,654	74,098	132,338	-	-	(40,821)	132,338
GEORGIA <sup>7/</sup>	430,251	38,443	391,808	360,450	38,129	-	360,450	21,921	4,819	26,740	4,620	-	-	-	(83,816)	-
HAWAII	98,003	4,590	93,413	55,613	1,769	-	57,382	33,496	2,536	36,032	-	-	-	-	(4,170)	-
IDAHO	170,125	3,578	166,547	82,335	18,950	-	101,285	46,852	16,233	63,085	6	1,882	288	-	(6)	2,170
ILLINOIS	1,682,623	148,630	1,533,993	752,979	111,621	150,053	1,014,653	308,625	210,715	519,340	-	-	-	-	-	-
INDIANA	768,888	54,016	714,872	326,414	30,735	-	357,149	189,868	167,856	357,724	-	-	-	-	-	-
IOWA	577,460	24,297	553,163	213,435	40,725	-	254,160	195,442	96,587	292,029	6,975	-	-	-	-	-
KANSAS	343,496	39,022	304,476	110,764	28,193	13,925	152,882	74,529	76,651	151,180	415	-	-	-	-	-
KENTUCKY	740,229	33,421	706,808	401,670	26,340	118,700	548,710	120,248	39,849	160,097	-	-	-	-	-	-
LOUISIANA	524,274	46,559	477,715	343,288	5,130	107,141	455,559	20,399	188	20,587	1,570	-	-	-	-	-
MAINE	180,509	11,792	168,717	104,913	17,311	17,862	140,186	23,093	5,436	28,529	-	-	-	-	-	-
MARYLAND	943,722	26,197	917,525	559,789	80,968	-	640,755	150,177	116,334	266,511	-	10,259	-	-	(7,290)	10,259
MASSACHUSETTS	649,212	37,317	611,895	77,420	130,063	203,755	411,238	6,397	20,443	28,840	173,817	-	-	-	(1,978)	-
MICHIGAN	1,177,456	78,874	1,098,582	339,299	60,731	8,646	408,676	373,870	204,091	577,961	110,944	1,000	-	-	-	1,000
MINNESOTA	787,944	12,510	785,434	84,932	62,768	8,932	413,289	259,224	109,565	368,789	3,355	-	-	-	(7,697)	-
MISSISSIPPI	365,848	8,253	357,595	202,091	12,244	40,446	254,781	97,257	5,538	102,795	19	-	-	-	(13,698)	-
MISSOURI	566,900	41,370	525,530	308,653	75,075	-	383,728	60,880	80,923	141,803	-	-	-	-	-	-
MONTANA	147,750	2,947	144,803	99,309	14,522	10,015	123,846	7,081	9,696	18,777	152	4,128	-	-	(2,750)	4,128
NEBRASKA	266,580	10,245	258,335	162,970	3,515	-	166,485	46,779	39,976	86,755	2,426	2,669	-	-	(7,520)	2,669
NEVADA	216,762	25,710	191,052	110,891	22,024	18,769	151,684	26,228	12,750	36,978	390	-	-	-	(2,645)	-
NEW HAMPSHIRE	181,556	6,334	155,222	91,519	31,523	9,940	132,982	-	176	133,158	1,167	20,896	-	-	(1,167)	20,896
NEW JERSEY <sup>7/</sup>	753,623	94,472	659,151	214,936	150,732	121,171	486,839	38,379	66,279	104,658	67,653	-	-	-	(352,651)	-
NEW MEXICO	312,614	11,982	300,632	225,868	16,990	4,808	247,666	33,869	12,080	45,949	-	2,811	4,206	-	(23,060)	7,017
NEW YORK <sup>7/</sup>	1,077,089	179,097	897,992	288,609	63,290	176,344	528,243	224,489	145,260	369,749	-	-	-	-	(855,108)	-
NORTH CAROLINA	1,148,236	60,183	1,088,053	806,068	124,980	38,240	969,288	-	81,304	81,304	11,035	26,425	-	-	-	26,425
NORTH DAKOTA	111,808	2,777	109,031	37,680	7,185	-	44,865	39,563	17,305	56,868	53	7,246	-	-	-	7,246
OHIO	1,518,668	25,454	1,493,214	462,123	136,415	77,702	676,240	548,381	268,593	816,974	-	-	-	-	-	-
OKLAHOMA	647,125	30,024	617,101	221,631	37,190	3,000	261,821	139,524	13,543	153,067	-	199,877	2,336	-	(45,067)	202,213
OREGON	502,459	59,909	442,550	212,091	25,239	14,730	252,060	111,823	78,668	190,491	-	-	-	-	-	-
PENNSYLVANIA	1,599,351	44,959	1,554,492	809,631	221,946	289,643	1,321,420	149,589	77,701	227,290	5,782	-	-	-	-	-
RHODE ISLAND <sup>7/</sup>	132,773	14,500	118,273	29,847	9,798	17,717	17,717	90	-	90	12,908	48,113	-	-	(57,187)	48,113
SOUTH CAROLINA	445,008	23,636	421,372	336,832	54,381	-	391,213	27,287	-	27,287	2,871	-	-	-	-	-
SOUTH DAKOTA	123,352	5,948	117,504	71,274	9,504	-	80,778	19,155	9,657	28,812	103	-	-	-	(943)	7,811
TENNESSEE	773,425	37,116	736,309	439,062	15,812	10,462	465,336	181,004	71,970	252,974	9,860	8,138	-	-	(8,738)	8,138
TEXAS	3,443,649	151,370	3,292,279	1,506,086	164,712	-	1,670,798	81,482	-	81,482	7,813	1,532,186	-	-	(5,835)	1,532,186
UTAH	210,052	12,673	197,379	123,788	17,055	-	140,843	30,168	26,369	56,537	-	-	-	-	-	-
VERMONT <sup>9/</sup>	120,856	10,324	110,532	49,553	13,362	6,699	89,634	23,655	13,988	37,643	-	3,264	-	-	-	3,264
VIRGINIA	1,056,452	78,004	978,448	763,241	32,314	5,397	800,952	14,528	138,248	152,776	-	24,723	-	-	(12,750)	24,723
WASHINGTON <sup>8/</sup>	1,214,323	61,119	1,153,204	325,851	97,192	75,390	498,433	158,240	90,250	248,490	158,625	247,654	-	-	(12,016)	247,654
WEST VIRGINIA	317,437	12,391	305,046	183,592	11,694	109,759	305,045	-	-	-	-	-	-	-	-	-
WISCONSIN	738,705	53,753	684,952	315,573	41,171	13,061	369,805	134,051	128,230	262,281	51,556	1,309	-	-	-	1,309
WYOMING	83,947	5,648	78,199	42,656	12,670	55,326	12,670	12,371	8,015	20,386	-	2,486	-	-	-	2,486
<b>TOTAL <sup>6/</sup></b>	<b>35,926,032</b>	<b>2,375,525</b>	<b>33,550,507</b>	<b>14,736,394</b>	<b>2,787,929</b>	<b>2,127,580</b>	<b>19,651,903</b>	<b>4,958,301</b>	<b>3,346,842</b>	<b>8,305,143</b>	<b>947,736</b>	<b>2,607,172</b>	<b>2,038,557</b>	<b>(1,049,404)</b>	<b>4,645,729</b>	

NOTE: TABLES MF-3 AND MV-3 MAY NOT ADD TO TABLE DF DUE TO ROUNDING.  
<sup>1/</sup> THIS TABLE SUMMARIZES THE RECEIPTS FROM MOTOR-FUEL TAXES AND FROM MOTOR-VEHICLE FEES AND SPECIAL IMPOSTS ON MOTOR CARRIERS. 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.  
<sup>2/</sup> FORMER COUNTY ROADS ARE UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WV.  
<sup>3/</sup> 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.  
<sup>4/</sup> ALLOCATIONS FOR LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS, BUT SUCH AMOUNTS WERE NOT REPORTED.

<sup>5/</sup> 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 1994.  
<sup>6/</sup> GROSS ALLOCATIONS OF HIGHWAY-USER REVENUES TO STATE AND COUNTY GENERAL FUNDS WERE OFFSET, IN THE AMOUNTS SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS FROM STATE GENERAL FUNDS. THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE AND LOCAL HIGHWAY PURPOSES.  
<sup>7/</sup> IN THESE STATES, MOST HIGHWAY-USER REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES' FINANCING, SEE "HIGHWAY FINANCE" TEXT UNDER "FUNDS ATTRIBUTABLE TO HIGHWAY USERS."  
<sup>8/</sup> 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.  
<sup>9/</sup> 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT, ESTIMATED BY FHWA.

# STATE MOTOR-FUEL TAXES AND RELATED RECEIPTS - 1990<sup>1</sup>

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

(THOUSANDS OF DOLLARS)

TABLE MF-1  
OCTOBER 1991

STATE	RECEIPTS FROM TAXATION OF MOTOR FUEL 3/							OTHER RELATED RECEIPTS					ADJUSTED NET TOTAL RECEIPTS
	GROSS TAX COLLECTIONS 2/	DEDUCTIONS BY DISTRIBUTORS FOR EXPENSES	GROSS RECEIPTS BY STATE	REFUNDS PAID	NET RECEIPTS BY STATE	DEDICATED REVENUE FROM NONHIGHWAY GASOLINE 4/	ADJUSTED NET GALLONAGE RECEIPTS	DISTRIBUTORS AND DEALERS LICENSES	INSPECTION FEES 5/	FINES AND PENALTIES	MISCELLANEOUS RECEIPTS	TOTAL	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ALABAMA	355,178	2,545	352,633	349	352,284	692	351,592	557	0	0	7,261	7,818	359,410
ALASKA	25,486	-	25,486	325	25,161	-	25,161	0	0	18	0	18	25,179
ARIZONA	349,685	-	349,685	1,943	347,742	4,065	343,677	0	0	478	2,779	3,257	346,934
ARKANSAS	214,689	-	214,689	70	214,619	-	214,619	-	0	0	0	-	214,619
CALIFORNIA	1,366,450	-	1,366,450	8,172	1,358,278	34,076	1,324,202	0	0	0	4,730	4,730	1,328,932
COLORADO	326,164	1,887	324,277	4,435	319,842	-	319,842	0	0	0	45	45	319,887
CONNECTICUT	306,987	-	306,987	727	306,260	-	306,260	0	0	0	0	-	306,260
DELAWARE	64,306	-	64,306	213	64,093	-	64,093	7	0	36	0	43	64,136
DIST. OF COL.	30,025	-	30,025	-	30,025	-	30,025	0	0	0	36	36	30,061
FLORIDA	716,078	2,335	713,743	12,937	700,806	-	700,806	93	7,642	0	2,167	9,902	710,708
GEORGIA	333,006	3,789	329,217	122	329,095	-	329,095	0	0	450	3,415	3,865	332,960
HAWAII	45,519	-	45,519	110	45,409	-	45,409	0	0	1	0	1	45,410
IDAHO	109,608	1,734	107,874	1,839	106,035	54	105,981	0	0	581	0	581	106,562
ILLINOIS	1,085,012	-	1,085,012	21,277	1,063,735	5,040	1,058,695	0	0	0	0	-	1,058,695
INDIANA	591,418	8,433	582,985	3,354	579,621	162	579,459	0	0	0	289	289	579,748
IOWA	336,171	-	336,171	15,435	320,736	2,614	320,736	2	0	68	1,248	1,316	319,440
KANSAS	227,717	-	227,717	2,932	224,785	-	224,785	13	172	2	0	187	224,972
KENTUCKY	357,595	-	357,595	1,075	356,520	-	356,520	0	0	0	662	662	357,182
LOUISIANA	480,890	2,946	477,944	25,954	451,990	-	451,990	0	809	105	0	914	452,904
MAINE	125,475	-	125,475	1,212	124,263	3,383	120,880	-	0	300	0	300	121,180
MARYLAND	453,657	-	453,657	7,284	446,373	2,585	443,788	0	0	783	5,706	6,489	450,277
MASSACHUSETTS	348,873	-	348,873	1,070	347,803	474	347,329	0	0	0	7,658	7,658	354,985
MICHIGAN	684,403	-	684,403	4,352	680,051	12,430	667,621	22	0	0	16,855	16,877	684,498
MINNESOTA	448,270	-	448,270	1,922	446,348	9,309	437,039	24	852	0	30,293	31,169	468,208
MISSISSIPPI	282,439	-	282,439	216	282,223	244	281,979	0	0	341	15,733	16,074	298,053
MISSOURI	361,651	-	361,651	3,559	357,992	-	357,992	0	881	0	729	1,610	359,602
MONTANA	110,472	-	110,472	3,758	106,714	1,678	105,036	0	0	319	0	319	105,355
NEBRASKA	211,258	1,037	210,221	6,351	203,870	166	203,704	0	0	0	11	11	203,715
NEVADA	154,434	1,763	152,671	1,199	151,472	2,214	149,258	0	446	0	0	446	149,704
NEW HAMPSHIRE	75,857	-	75,857	797	75,060	797	74,263	0	0	458	2,960	3,418	87,741
NEW JERSEY	408,917	-	408,917	533	408,384	-	408,384	1,155	0	5,759	0	6,914	415,298
NEW MEXICO	160,316	-	160,316	644	159,672	504	159,168	0	0	5,953	380	6,333	165,501
NEW YORK 6/	534,978	-	534,978	5,519	529,459	-	529,459	0	0	0	7	7	529,466
NORTH CAROLINA	849,637	-	849,637	17,006	832,629	-	832,629	-	10,072	789	2,232	13,093	845,722
NORTH DAKOTA	75,135	1,812	73,323	3,856	69,467	313	69,154	2	199	72	1,681	1,954	71,308
OHIO	1,060,650	-	1,060,650	12,495	1,048,155	5,092	1,043,063	0	0	0	1,479	1,479	1,044,542
OKLAHOMA	320,818	4,049	316,769	294	316,475	36	316,439	0	0	0	0	-	316,439
OREGON	249,777	-	249,777	1,685	248,092	4,192	243,900	0	0	91	154	245	244,165
PENNSYLVANIA	1,025,427	4,851	1,020,576	2,401	1,018,175	223	1,017,952	0	0	864	6,607	7,471	1,025,423
RHODE ISLAND	84,273	-	84,273	789	83,504	-	83,504	0	0	0	0	0	83,504
SOUTH CAROLINA	358,214	1,951	356,263	7,165	349,098	1,061	348,037	4,663	0	0	0	4,663	352,700
SOUTH DAKOTA	87,250	1,878	85,372	4,355	81,017	608	80,409	0	0	13	755	768	81,177
TENNESSEE	632,071	8,076	623,995	14,053	609,942	-	609,942	0	36,283	0	0	36,283	646,225
TEXAS	1,580,423	31,608	1,548,815	28,943	1,519,872	9,075	1,510,797	0	0	0	0	-	1,510,797
UTAH	171,290	2,753	168,537	700	167,837	2,096	165,741	0	0	0	920	920	166,661
VERMONT	55,554	-	55,554	3	55,551	-	55,551	0	0	0	2,007	2,007	57,558
VIRGINIA	618,806	972	615,834	3,524	612,310	298	612,012	0	0	274	1	275	612,287
WASHINGTON	549,671	-	549,671	1,336	548,333	10,012	538,321	0	0	0	26	26	538,347
WEST VIRGINIA	152,830	-	152,830	495	152,335	-	152,335	0	0	0	0	-	152,335
WISCONSIN	544,244	-	544,244	5,110	539,134	-	539,134	0	0	0	0	-	539,134
WYOMING	43,796	-	43,796	879	42,917	370	42,547	20	0	0	2,411	2,431	44,978
TOTAL	20,150,850	84,219	20,066,631	244,788	19,821,843	113,863	19,707,980	6,556	57,356	17,755	121,035	202,704	19,910,684
PERCENTAGE	100.00	0.42	99.58	1.21	98.37	0.57	97.80	-	-	-	-	-	-

1/ THIS TABLE INCLUDES THE REVENUES FROM STATE TAXES ON ALL MOTOR-VEHICLE FUELS AND RELATED RECEIPTS IN CONNECTION WITH MOTOR-FUEL TAXATION AND ADMINISTRATION. IN MANY STATES, HOWEVER, THE TAX ON SPECIAL FUELS (FUELS OTHER THAN GASOLINE OR GASOHOL) IS APPLICABLE ONLY TO THE GALLONAGE USED ON THE HIGHWAYS. FOR THE STATES THAT APPLY THE TAX TO ALL FUEL SOLD, THE REVENUE AND REFUNDS COVERING THE NONHIGHWAY PORTION OF THESE SPECIAL FUELS HAVE BEEN EXCLUDED.

2/ INCLUDES, IN SOME STATES, RECEIPTS IN THE FORM OF TAX CREDITS FOR REFUND CLAIMS ACCEPTED BY DISTRIBUTORS ACTING AS AGENTS OF THE STATE AND REFUND CREDITS TO USERS WHO ARE LICENSED AS DISTRIBUTORS.

3/ FOR TAX RATES AS OF JANUARY 1, 1990, AND RATE CHANGES DURING THE YEAR, SEE

TABLE MF-121T. STATES WITH VARIABLE TAX RATES ARE ALSO IDENTIFIED IN TABLE MF-121T.

4/ THESE ARE PROCEEDS FROM TAXES ON NONHIGHWAY USES OF GASOLINE DEDICATED FOR THE IMPROVEMENT OF FACILITIES OTHER THAN HIGHWAYS. THEY ARE GENERALLY REVENUES FROM TAXES ON GASOLINE FOR AVIATION AND MARINE USE, BUT IN SOME STATES, INCLUDE TAXES ON GASOLINE USED IN OFF-HIGHWAY RECREATIONAL VEHICLES AND SNOWMOBILES. IN CALIFORNIA, REVENUES FROM THE TAX ON GASOLINE USED FOR AGRICULTURAL PURPOSES ARE INCLUDED.

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

6/ PRELIMINARY DATA.

# DISPOSITION OF STATE MOTOR-FUEL TAX RECEIPTS - 1990

TABLE MF-3  
OCTOBER 1991

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	RECEIPTS AVAILABLE FOR DISTRIBUTION <sup>1/</sup>	FOR COLLECTING MOTOR-FUEL TAXES AND FEES <sup>2/</sup>	NET FUNDS DISTRIBUTED <sup>3/</sup>	FOR STATE ADMINISTERED HIGHWAYS			FOR LOCAL ROADS AND STREETS <sup>4/</sup>			FOR MASS TRANSPORTATION PURPOSES	FOR NONHIGHWAY PURPOSES <sup>7/</sup>				
				CAPITAL OUTLAY MAINTENANCE AND ADMINISTRATION	HIGHWAY LAW ENFORCEMENT AND SAFETY	SERVICE OF OBLIGATIONS FOR STATE HIGHWAYS	COUNTY AND TOWNSHIP ROADS	MUNICIPAL STREETS	TOTAL		STATE GENERAL PURPOSES	LOCAL GENERAL PURPOSES <sup>6/</sup>	OFFSET BY GENERAL FUNDS FOR HIGHWAYS (NONADDITIVE) <sup>8/</sup>	TOTAL	
ALABAMA	352,077	9,952	342,125	172,548	-	19,712	192,258	135,888	13,652	149,540	327	-	-	-	-
ALASKA <sup>9/</sup>	25,162	45	25,117	25,117	-	-	25,117	-	-	-	-	-	-	(25,117)	-
ARIZONA	342,669	3,933	338,736	20,803	5,078	100,667	126,348	87,934	124,453	212,387	-	-	-	-	-
ARKANSAS	214,618	6,023	208,595	138,142	7,878	-	146,020	31,749	30,826	62,575	-	-	-	-	-
CALIFORNIA	1,320,180	7,503	1,312,677	330,821	186,418	-	517,239	333,008	335,066	668,074	24,836	102,527	-	-	102,527
COLORADO	319,842	3,070	316,772	150,817	29,763	-	180,580	79,460	53,282	132,742	3,451	-	-	-	-
CONNECTICUT	306,259	3,541	302,718	27,388	25,304	127,149	179,841	6,605	21,328	27,933	94,944	-	-	-	-
DELAWARE	64,134	646	63,488	1,555	19,523	29,694	50,772	-	1,799	1,799	10,916	-	-	-	-
DIST. OF COL. <sup>9/</sup>	30,025	291	29,734	-	-	-	-	-	29,735	29,735	-	-	-	(29,735)	-
FLORIDA	684,186	11,189	672,997	377,747	6,479	26,463	410,689	123,491	64,722	188,213	45,859	28,236	-	(40,821)	28,236
GEORGIA <sup>9/</sup>	329,014	1,022	327,992	300,312	-	-	300,312	19,817	4,015	23,832	3,849	-	-	-	-
HAWAII	43,513	1,642	41,871	37,086	1,080	-	38,166	2,015	1,691	3,706	-	-	-	-	-
IDAHO	103,497	1,340	102,157	51,640	11,078	-	62,718	29,285	10,170	39,435	4	-	-	-	-
ILLINOIS	1,052,099	23,577	1,028,522	423,421	65,097	84,379	572,897	257,701	197,924	455,625	-	-	-	-	-
INDIANA	579,458	10,197	569,261	254,685	22,834	-	277,519	156,046	135,697	291,743	-	-	-	-	-
IOWA	330,222	1,935	328,287	101,705	19,406	-	121,111	128,750	75,102	203,852	3,324	-	-	-	-
KANSAS	222,319	2,154	220,165	82,240	15,031	10,339	107,610	55,336	56,912	112,248	308	-	-	-	-
KENTUCKY	356,449	1,809	354,640	186,382	12,222	73,907	272,511	48,972	33,157	82,129	-	-	-	-	-
LOUISIANA	451,990	4,520	447,470	319,495	-	106,082	425,577	20,323	-	20,323	1,570	-	-	-	-
MAINE	120,881	662	120,219	74,756	12,335	12,799	99,890	16,455	3,873	20,328	-	-	-	-	-
MARYLAND	443,788	5,499	438,289	268,743	29,176	-	297,919	76,069	54,392	130,461	-	9,909	-	-	9,909
MASSACHUSETTS	350,069	11,229	338,840	67,340	40,084	105,494	212,918	3,312	10,584	13,896	112,026	-	-	-	-
MICHIGAN	685,675	5,699	679,976	211,954	32,276	5,401	249,631	233,550	127,492	361,042	69,302	-	-	-	-
MINNESOTA	451,692	1,701	449,991	190,718	35,045	4,987	230,750	153,610	63,757	217,367	1,873	-	-	(1,449)	-
MISSISSIPPI	281,057	578	280,479	149,135	9,036	40,446	198,617	77,368	4,475	81,843	19	-	-	-	-
MISSOURI	358,702	1,845	356,857	209,589	50,979	-	260,568	41,340	54,950	96,290	-	-	-	-	-
MONTANA	105,036	678	104,358	71,300	10,426	7,190	88,916	6,377	8,956	15,333	109	-	-	-	-
NEBRASKA	203,650	79	203,571	131,053	2,797	-	133,850	35,574	30,068	65,642	2,147	1,932	-	-	1,932
NEVADA	150,241	2,270	147,971	92,937	-	15,730	108,667	26,228	12,750	38,978	327	-	-	(2,645)	-
NEW HAMPSHIRE	83,789	607	83,182	54,893	18,288	5,962	79,143	-	106	106	700	3,233	-	(187)	3,233
NEW JERSEY <sup>9/</sup>	415,297	3,738	411,559	134,201	94,114	75,656	303,971	23,963	41,383	65,346	42,241	-	-	(135,059)	-
NEW MEXICO	159,168	955	158,213	123,696	9,150	2,633	135,479	8,997	9,609	18,606	-	936	3,192	(9,775)	4,128
NEW YORK <sup>9/</sup>	537,938	19,586	518,352	163,442	35,842	109,676	308,960	127,130	82,262	209,392	-	-	-	(475,468)	-
NORTH CAROLINA	832,626	10,110	822,516	622,852	78,346	29,548	730,746	73,746	62,824	82,824	8,527	20,419	-	-	20,419
NORTH DAKOTA	69,014	464	68,550	19,060	3,634	-	22,694	29,648	13,031	42,679	-	3,150	-	-	3,150
OHIO	1,009,824	4,561	1,005,263	412,304	94,682	69,291	576,277	225,002	203,985	428,987	-	-	-	-	-
OKLAHOMA	324,098	5,290	318,808	181,356	25,519	3,000	209,875	101,588	4,784	106,352	-	2,580	-	-	2,580
OREGON	244,106	848	243,258	117,282	12,240	8,165	137,667	81,985	43,607	105,592	-	-	-	-	-
PENNSYLVANIA	1,018,817	7,566	1,011,251	526,594	143,831	180,551	850,976	106,963	49,552	156,515	3,761	-	-	-	-
RHODE ISLAND <sup>9/</sup>	83,504	78	83,426	19,854	6,519	11,865	38,238	60	-	60	12,908	32,220	-	(38,297)	32,220
SOUTH CAROLINA	349,734	1,697	348,037	275,569	44,490	-	320,059	25,629	-	25,629	2,349	-	-	-	-
SOUTH DAKOTA	80,311	1,009	79,302	66,169	8,771	-	74,940	-	4,266	4,266	96	-	-	-	-
TENNESSEE	596,575	6,310	590,265	315,225	6,736	10,462	332,423	170,654	71,970	242,624	7,079	8,138	-	-	8,138
TEXAS	1,497,935	15,512	1,482,423	935,897	102,354	-	1,038,251	7,300	-	7,300	4,855	432,017	-	-	432,017
UTAH	165,570	1,185	164,385	107,528	7,747	-	115,275	26,205	22,905	49,110	-	-	-	-	-
VERMONT <sup>10/</sup>	55,530	548	54,982	23,891	6,452	3,230	33,573	11,405	6,744	18,149	-	3,264	-	-	3,264
VIRGINIA	633,145	1,604	631,541	499,580	7,533	4,300	511,413	9,509	90,490	99,999	-	20,130	-	-	20,130
WASHINGTON	538,321	2,705	535,616	209,973	145	62,006	272,124	157,083	89,553	246,636	16,277	579	-	-	579
WEST VIRGINIA	152,119	1,474	150,645	90,886	5,775	54,204	150,645	-	-	-	-	-	-	-	-
WISCONSIN	531,045	944	530,101	248,977	32,483	-	281,460	105,762	101,169	206,931	40,676	1,033	-	-	1,033
WYOMING	42,159	624	41,535	19,386	4,121	-	23,507	11,588	5,310	16,898	-	1,130	-	-	1,130
TOTAL <sup>10/</sup>	19,699,129	212,044	19,487,085	9,637,602	1,398,117	1,400,988	12,436,707	3,396,694	2,464,378	5,861,072	514,687	671,433	3,192	(758,553)	674,625

1/ SEE TABLE MF-1 FOR DETAILS OF RECEIPTS. AMOUNTS IN THIS COLUMN ARE COMPARABLE WITH ADJUSTED NET GALLONAGE RECEIPTS ON TABLE MF-1, COLUMN (B). AMOUNTS EXCLUDE ADJUSTMENTS FOR UNDISTRIBUTED BALANCES, FUNDS IN TRANSIT, ETC.

2/ ESTIMATES WERE MADE FOR STATES WHICH DID NOT REPORT DATA ON THE COSTS OF ADMINISTERING MOTOR-FUEL TAX LAWS.

3/ MOTOR-FUEL TAXES 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-FUEL TAX 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 WV.

5/ 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.

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

7/ 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.

8/ GROSS ALLOCATIONS OF HIGHWAY-USER REVENUES TO STATE AND COUNTY GENERAL FUNDS WERE OFFSET, IN THE AMOUNTS SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS FROM STATE GENERAL FUNDS. THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE AND LOCAL HIGHWAY PURPOSES.

9/ IN THESE STATES, MOST HIGHWAY-USER REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES' FINANCING, SEE "HIGHWAY FINANCE" TEXT UNDER "FUNDS ATTRIBUTABLE TO HIGHWAY USERS."

10/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

STATE TAX RATES ON MOTOR FUEL - 1990<sup>1</sup>TABLE MF-121T  
SHEET 1 OF 2  
SEPTEMBER 1991

STATE	GASOLINE		DIESEL		LIQUEFIED PETROLEUM GAS		GASOHOL		
	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	EXEMPTION
ALABAMA	2/ 13		2/ 14		12		2/ 13		0
ALASKA	8		8		0		0		8
ARIZONA	17		17		17		17		0
	18	10-1	18	10-1	18	10-1	18	10-1	0
ARKANSAS	3/ 13.7		3/ 12.7		11.5		3/ 13.7		0
CALIFORNIA	9		9		4/ 6		9		0
COLORADO	20		18	1-1	5/ 18	1-1	20		0
CONNECTICUT	20		20		20		19		1
	22	7-1	22	7-1	22	7-1	21	7-1	1
DELAWARE	16		16		16		16		0
DIST. OF COL.	18		18		18		18		0
FLORIDA 6/	7/ 9.7		7/ 9.7		8/ 4		7/ 9.7		0
	10.9	7-1	10.9	7-1	8/ 4		10.9	7-1	0
GEORGIA	7.5		7.5		7.5		7.5		0
HAWAII	11		11		8		11		0
IDAHO	18		18		18		14		4
ILLINOIS	19		9/ 21.5		19		19		0
INDIANA 9/	15		16		10/ 0		15		0
IOWA	20		22.5		20		19		1
KANSAS	15		17		4/ 14		15		0
	16	7-1	18	7-1	4/ 15	7-1	16	7-1	0
KENTUCKY 6/ 11/	15		12		15		15		0
	12/ 15.4	7-1	12/ 12.4	7-1	15	7-1	12/ 15.4	7-1	0
LOUISIANA	20	1-1	20	1-1	13/ 20	1-1	14/ 20	1-1	0
MAINE	17		20		16		17	1-1	0
MARYLAND	18.5		18.5		18.5		18.5		0
MASSACHUSETTS 6/	11		11		4.2	1-1	11		0
	11		11		4.3	4-1	11		0
	11		11		4.8	7-1	11		0
	17	7-28	17	7-28	4.6		17	7-28	0
	17		17		7.1	10-1	17		0
MICHIGAN	15		15/ 15		15		15		0
MINNESOTA	20		20		5/ 20		18		2
MISSISSIPPI	18		18		17		18		0
	16/ 18.2	7-1	16/ 18.2	7-1	17		16/ 18.2	7-1	0
MISSOURI	17/ 11.03		11		18/ 11		17/ 11.03		0
MONTANA	20		20		19/ 0		14/ 20		0
NEBRASKA 6/	20/ 22.3	1-1	20/ 22.3	1-1	22	1-1	14/ 20/ 19.3	1-1	3
	20/ 23.1	4-1	20/ 23.1	4-1	22.8	4-1	14/ 20/ 20.1	4-1	3
	20/ 22.2	7-1	20/ 22.2	7-1	21.9	7-1	14/ 20/ 20.2	7-1	2
	20/ 21.7	10-1	20/ 21.7	10-1	21.4	10-1	14/ 20/ 19.7	10-1	2
NEVADA	18		22		22		18		0
NEW HAMPSHIRE	21/ 14.6		21/ 14.6		14		21/ 14		0
	21/ 16.6	4-1	21/ 16.6	4-1	16	4-1	21/ 16.6	4-1	0
NEW JERSEY 22/	10.5		13.5		5.25		6.5	1-1	4
NEW MEXICO	16.2		16.2		16.2		13.2		3
	23/ 17	7-1	23/ 17	7-1	24/ 16	7-1	23/ 25/ 15	7-1	2
NEW YORK 9/ 26/	8.05		10.05		8.05		8.05		0
	14.375	10-1	16.375	10-1	8.05		14.375	10-1	0
NORTH CAROLINA 6/	21.7	1-1	21.7	1-1	21.7	1-1	21.7	1-1	0
	21.5	7-1	21.5	7-1	21.5	7-1	21.5	7-1	0
NORTH DAKOTA	17		27/ 17		27/ 17		14/ 17		0
OHIO 6/	18		18		18		14/ 18		0
	20	7-1	20	7-1	20	7-1	20	7-1	0
OKLAHOMA 28/	29/ 17		30/ 14		4/ 29/ 17		29/ 17		0
OREGON	18	1-1	18	1-1	30/ 18	1-1	18	1-1	0
PENNSYLVANIA 6/ 9/ 31/	17.8		17.8		17.8		17.8		0
RHODE ISLAND 6/	20		20		20		20		0
SOUTH CAROLINA	16		16		16		10		6
SOUTH DAKOTA	18		18		16		14/ 16		2
TENNESSEE	20		17		14		20		0
TEXAS	15		15		5/ 15		15		0
UTAH	19		19		32/ 19		19		0
VERMONT	16		33/ 17		0		18		0
VIRGINIA 34/	17.7		18.2		16.2		17.7		0
WASHINGTON	18		18		10/ 0		14/ 15.12		2.88
	22		22		10/ 0		14/ 18.48		3.52
WEST VIRGINIA 6/	20.35		20.35		20.35		20.35		0
WISCONSIN 6/	20.8		20.8		20.8		20.8		0
	21.5	4-1	21.5	4-1	21.5	4-1	21.5	4-1	0
WYOMING	9		9		35/ 0		5		4
WEIGHTED AVERAGE TAX RATE 36/	15.39		16.05		14.48		16.61		



STATE TAX RATES ON MOTOR FUEL — 1990 <sup>1</sup>

TABLE MF-121T  
SHEET 2 OF 2  
SEPTEMBER 1991

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

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

2/ INCLUDES 2 CENTS PER GALLON INSPECTION FEE.

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

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

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

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

7/ RATE CONSISTS OF A FIXED RATE OF 4 CENTS PER GALLON PLUS A 5 PERCENT (6 PERCENT BEGINNING JULY 1) SALES TAX APPLIED TO THE LEGISLATED RETAIL PRICE ESTABLISHED ANNUALLY. THE SALES TAX COMPONENT MAY GO BELOW 5.7 CENTS PER GALLON (6.9 CENTS EFFECTIVE JULY 1).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

35/ LPG IS SUBJECT TO SALES TAX.

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

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

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

(THOUSANDS OF DOLLARS)

TABLE MV-2 SEPTEMBER 1991

Table with columns for STATE, REGISTRATION FEES 2/, OTHER FEES, SPECIAL LICENSE FEES AND FRANCHISE TAXES 7/, and TOTAL RECEIPTS. Rows list states from ALABAMA to WYOMING, plus a TOTAL row.

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 LEVIES 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 FEE 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 \$1,611,516,159, BUSES \$3,827,324, TRUCKS \$437,803,374, TRAILERS \$54,433,057, MOTORCYCLES \$18,711,363; WASHINGTON, AUTOMOBILES \$309,380,879, BUSES \$145,667, TRUCKS \$113,861,874, TRAILERS \$11,383,749, MOTORCYCLES \$2,648,999, DEALERS \$54,257. 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 - 1990

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

TABLE MV-3  
OCTOBER 1991

(THOUSANDS OF DOLLARS)

STATE	RECEIPTS AVAILABLE FOR DISTRIBUTION 1/	FOR COLLECTING MOTOR-VEHICLE AND MOTOR-CARRIER TAXES 2/	NET FUNDS DISTRIBUTED 3/	FOR STATE ADMINISTERED HIGHWAYS			TOTAL	FOR LOCAL ROADS AND STREETS 4/			FOR MASS TRANSPORTATION PURPOSES	FOR NONHIGHWAY PURPOSES 5/			TOTAL
				CAPITAL OUTLAY MAINTENANCE AND ADMINISTRATION	HIGHWAY LAW ENFORCEMENT AND SAFETY	SERVICE OBLIGATIONS FOR STATE HIGHWAYS		COUNTY AND TOWNSHIP ROADS	MUNICIPAL STREETS	STATE GENERAL PURPOSES		LOCAL GENERAL PURPOSES 6/	OFFSET BY GENERAL FUNDS FOR HIGHWAYS (NONADDITIVE) 7/		
ALABAMA	164,252	11,802	152,450	66,843	52,370	7,636	126,849	24,607	868	25,475	127	--	--	--	
ALASKA 8/	25,003	4,430	20,573	20,573	--	--	20,573	--	--	--	--	--	--	--	
ARIZONA	229,623	25,242	204,381	10,645	15,435	49,570	75,650	36,437	91,005	127,442	--	1,289	--	1,289	
ARKANSAS	114,593	3,534	111,059	76,510	12,965	--	89,475	10,460	10,460	20,920	--	663	--	663	
CALIFORNIA 10/	3,594,698	413,445	3,171,253	521,367	312,134	--	833,501	12,155	38,049	50,204	41,584	224,934	2,021,029	2,245,963	
COLORADO	85,694	31,748	53,936	26,288	8,366	--	34,654	9,407	6,301	15,708	601	86	--	2,973	
CONNECTICUT	206,794	30,150	176,644	15,842	14,779	74,259	104,880	3,857	12,456	16,313	55,450	--	--	--	
DELAWARE	46,864	4,213	42,651	1,038	13,033	19,823	33,894	--	1,201	1,201	7,287	269	--	269	
DIST. OF COL. 9/	45,117	4,512	40,605	--	--	--	--	--	40,605	40,605	--	--	--	--	
FLORIDA	621,810	171,112	450,698	188,726	93,190	--	281,916	36,335	106	36,441	28,239	104,102	--	104,102	
GEORGIA 8/	101,237	37,421	63,816	60,138	--	--	60,138	2,104	804	2,908	771	--	--	(63,816)	
HAWAII	54,490	2,948	51,542	18,527	689	--	19,216	31,481	845	32,326	--	--	--	(4,170)	
IDAHO	66,628	2,238	64,390	30,895	7,872	--	38,567	17,587	6,063	23,650	2	1,882	288	(6)	
ILLINOIS	630,524	125,053	505,471	329,558	46,524	65,674	441,756	50,924	12,791	63,715	--	--	--	--	
INDIANA	189,430	43,819	145,611	71,729	7,901	--	79,630	33,822	32,159	65,981	--	--	--	--	
IOWA	247,238	22,362	224,876	111,730	21,319	--	133,049	66,692	21,485	88,177	3,651	--	--	--	
KANSAS	121,179	36,868	84,311	28,524	13,162	3,586	45,272	19,193	19,739	38,932	107	--	--	--	
KENTUCKY	383,780	31,612	352,168	215,288	14,118	44,793	274,199	71,276	6,692	77,968	--	--	--	--	
LOUISIANA	72,284	42,039	30,245	23,793	5,130	1,059	29,982	76	188	264	--	--	--	--	
MAINE	59,828	11,130	48,698	30,157	4,976	5,163	40,296	6,638	1,563	8,201	--	--	--	--	
MARYLAND	499,934	20,698	479,236	291,046	51,790	--	342,836	74,108	61,942	136,050	--	350	--	350	
MASSACHUSETTS	299,143	26,088	273,055	62,723	37,336	98,261	198,320	3,085	9,859	12,944	61,791	--	--	(1,978)	
MICHIGAN	491,781	73,175	418,606	127,345	28,455	3,245	159,045	140,320	76,599	216,919	41,842	1,000	--	1,000	
MINNESOTA	346,252	10,809	335,443	150,871	27,723	3,945	182,539	105,614	45,808	151,422	1,482	--	--	(6,248)	
MISSISSIPPI	84,791	7,675	77,116	52,956	3,208	--	56,164	19,889	1,063	20,952	--	--	--	(13,698)	
MISSOURI	208,198	39,525	168,673	99,064	24,096	--	123,160	19,540	25,973	45,513	--	--	--	--	
MONTANA	42,714	2,169	40,545	28,009	4,096	2,825	34,930	704	740	1,444	43	4,128	--	(2,750)	
NEBRASKA	64,930	10,166	54,764	31,917	718	--	32,635	11,205	9,908	21,113	279	737	--	(7,520)	
NEVADA	66,521	23,440	43,081	17,954	22,024	3,039	43,017	--	--	63	--	--	--	--	
NEW HAMPSHIRE	77,767	5,727	72,040	36,626	13,235	3,978	53,839	70	70	467	17,663	--	--	(980)	
NEW JERSEY 8/	338,326	90,794	247,592	80,735	58,618	45,515	182,868	14,416	24,896	39,312	25,412	--	--	(217,592)	
NEW MEXICO	153,446	11,027	142,419	102,172	7,840	2,175	112,187	24,872	2,471	27,343	--	1,875	1,014	(13,285)	
NEW YORK 8/	539,151	159,511	379,640	125,167	27,448	66,668	219,283	97,359	62,998	160,357	--	--	--	(379,640)	
NORTH CAROLINA	315,610	50,073	265,537	183,216	46,634	8,892	238,542	18,490	18,490	18,490	2,508	6,006	--	6,006	
NORTH DAKOTA	42,794	2,313	40,481	18,220	3,551	--	22,171	9,915	4,274	14,189	26	4,096	--	4,096	
OHIO	506,844	20,893	487,951	49,819	41,733	8,411	99,963	323,379	64,608	387,987	--	--	--	--	
OKLAHOMA	323,027	24,734	298,293	40,275	11,671	--	51,946	37,958	8,759	46,715	--	--	2,336	(45,067)	
OREGON	258,353	59,061	199,292	94,823	12,999	6,565	114,393	49,838	35,061	84,899	--	--	--	--	
PENNSYLVANIA	580,534	37,293	543,241	283,037	78,115	109,292	470,444	42,626	28,149	70,775	2,021	--	--	--	
RHODE ISLAND 8/	49,269	14,422	34,847	9,793	3,279	5,852	18,924	30	30	30	--	15,893	--	(18,890)	
SOUTH CAROLINA	95,274	21,939	73,335	61,263	9,891	--	71,154	1,658	--	1,658	522	--	--	--	
SOUTH DAKOTA	43,041	4,839	38,202	5,105	733	--	5,838	19,155	5,391	24,546	7	--	7,811	--	
TENNESSEE	176,850	30,806	146,044	123,837	9,076	--	132,913	10,350	--	10,350	2,781	--	--	(943)	
TEXAS	1,945,714	135,858	1,809,856	570,189	62,358	--	632,547	74,182	--	74,182	2,958	1,100,169	--	(8,738)	
UTAH	44,482	11,488	32,994	16,260	9,308	--	25,568	3,963	3,464	7,427	--	--	--	--	
VERMONT 11/	85,326	9,776	55,550	25,662	6,830	3,469	38,061	12,250	7,244	19,494	--	--	--	--	
VIRGINIA	423,307	76,400	346,907	263,661	24,781	1,097	289,539	5,019	47,758	52,777	--	4,593	--	(12,750)	
WASHINGTON 10/	676,002	58,414	617,588	115,878	97,047	13,384	228,309	1,157	697	1,854	142,348	247,075	--	(12,016)	
WEST VIRGINIA	185,318	10,917	154,401	92,926	5,919	55,555	154,400	--	--	--	--	--	--	--	
WISCONSIN	207,660	52,809	154,851	66,596	13,061	8,688	88,345	28,289	27,061	55,350	10,880	276	--	276	
WYOMING	41,888	5,024	36,864	23,270	8,549	--	31,819	783	2,705	3,488	--	1,356	--	1,356	
TOTAL 11/	16,226,903	2,163,481	14,063,422	5,098,792	1,389,812	726,592	7,215,196	1,561,607	882,464	2,444,071	433,049	1,935,739	2,035,365	(890,851)	3,971,104

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 TAX 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 WV.  
5/ 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.  
6/ ALLOCATIONS FOR LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS, BUT SUCH AMOUNTS

WERE NOT REPORTED.  
7/ GROSS ALLOCATIONS OF HIGHWAY-USER REVENUES TO STATE AND COUNTY GENERAL FUNDS WERE OFFSET, IN THE AMOUNTS SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS FROM STATE GENERAL FUNDS. THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE AND LOCAL HIGHWAY PURPOSES.  
8/ THE AMOUNTS SHOWN DO NOT NECESSARILY CONSTITUTE DIVERSION FROM HIGHWAY USE REQUIRING A PENALTY UNDER THE TERMS OF THE HAYDEN-CARTWRIGHT ACT OF 1934. SUCH DIVERSIONS CAN BE DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1994.  
9/ IN THESE STATES, MOST HIGHWAY-USER REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES' FINANCING, SEE "HIGHWAY FINANCE" TEXT UNDER "FUNDS ATTRIBUTABLE TO HIGHWAY USERS."  
10/ THE 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/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

Highway Finance

STATE RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS - SUMMARY - 1990<sup>1</sup>

COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE SF-21 OCTOBER 1991

(THOUSANDS OF DOLLARS)

Table with columns for STATE, RECEIPTS (STATE HIGHWAY-USER TAX REVENUES, ROAD AND CROSSING TOLLS, OTHER STATE IMPOSITIONS, MISCELLANEOUS INCOME, FEDERAL FUNDS, TRANSFERS FROM LOCAL GOVERNMENTS, BOND PROCEEDS, TOTAL RECEIPTS), CAPITAL OUTLAY (FEDERAL-AID SYSTEMS, OTHER HIGHWAY AND STREETS, TOTAL), DISBURSEMENTS (MAINTENANCE AND TRAFFIC SERVICES, ADMINISTRATION AND HIGHWAY POLICE, BOND INTEREST, GRANTS-IN-AID TO LOCAL GOVERNMENTS, BOND RETIREMENT, TOTAL DISBURSEMENTS).

1/ THIS TABLE IS ONE OF A SERIES ON STATE HIGHWAY FINANCE. TABLE SF-21 SUMMARIZES THE RECEIPTS AND DISBURSEMENTS OF (1) STATE HIGHWAY-USER REVENUE, EXCLUDING THE AMOUNTS ALLOCATED FOR COLLECTION AND NON-HIGHWAY PURPOSES, AND (2) ALL OTHER RECEIPTS AND DISBURSEMENTS BY THE STATES FOR HIGHWAYS. DATA IN GREATER DETAIL ARE GIVEN IN OTHER STATE HIGHWAY FINANCE TABLES. THESE TABLES MAY NOT ADD TO TABLE SF-21 DUE TO ROUNDING. 2/ THE ENTRIES IN THIS COLUMN ARE IDENTICAL WITH THE COMBINED RECEIPTS ALLOCATED FOR HIGHWAYS AND LOCAL ROADS AND STREETS AS SHOWN ON TABLE DF. SEE TABLE DF FOR ALLOCATIONS FOR COLLECTION, MASS TRANSPORTATION, AND NON-HIGHWAY PURPOSES. 3/ TOLL RECEIPTS ALLOCATED FOR NON-HIGHWAY PURPOSES ARE EXCLUDED. SEE TABLE SF-48 FOR AMOUNTS. 4/ PAR VALUE OF BONDS ISSUED AND REDEEMED BY REFLUNDING ARE EXCLUDED. SEE SF TABLES FOR COMPLETE INFORMATION ON HIGHWAY DEBT. 5/ SEGREGATION BY FEDERAL-AID SYSTEMS NOT IDENTIFIED BY STATE. 6/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.



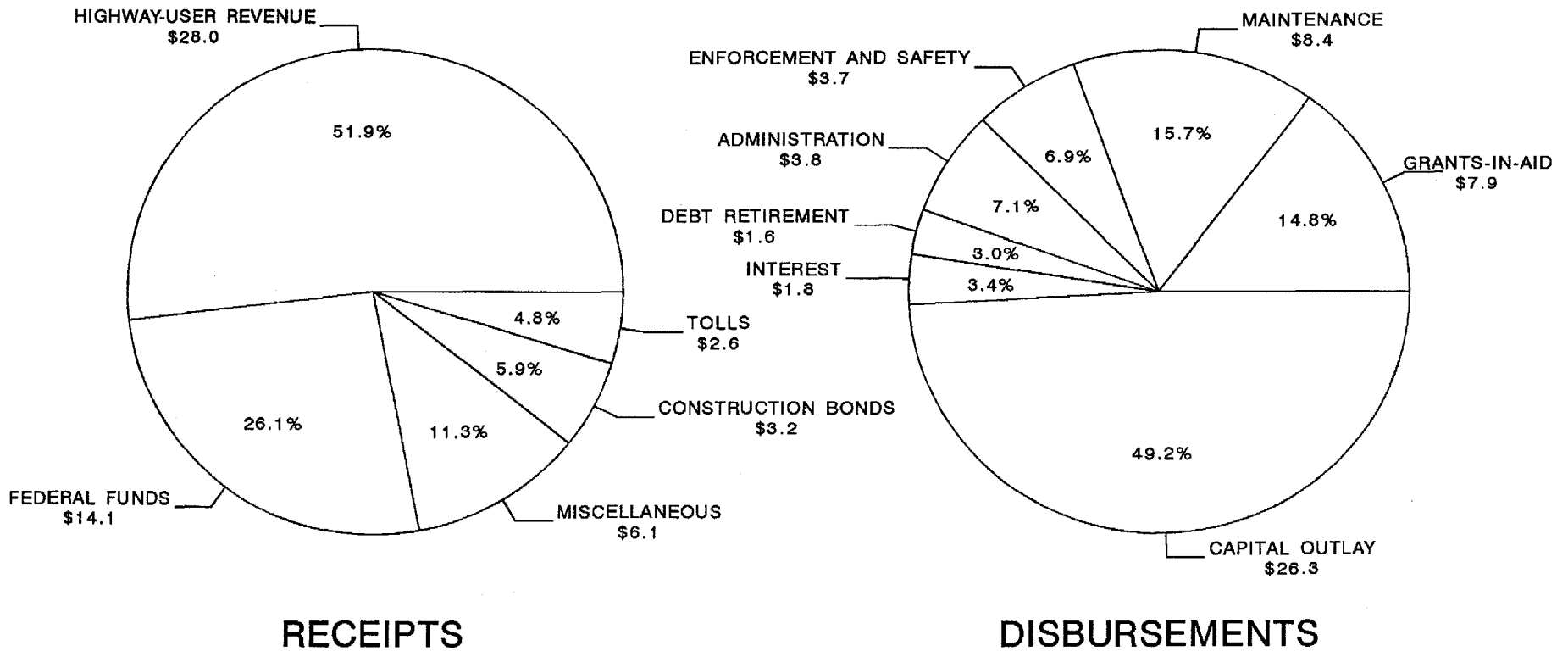
DISBURSEMENTS FROM STATE HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS - SUMMARY - 1990<sup>1</sup>

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS) TABLE SF-2 OCTOBER 1991

Table with 18 columns: STATE, CAPITAL OUTLAY FOR ROADS AND BRIDGES (State Administered Highways, County and Township Roads, Local Municipal Streets, Total), MAINTENANCE AND TRAFFIC SERVICES (State Administered Highways, County and Township Roads, Local Municipal Streets, Total), ADMINISTRATION AND MISCELLANEOUS, HIGHWAY ENFORCEMENT AND SAFETY, BOND INTEREST, GRANTS-IN-AID TO LOCAL GOVERNMENTS, SUBTOTAL CURRENT EXPENDITURES, BOND RETIREMENT, TOTAL DISBURSEMENTS, BALANCES END OF YEAR (Reserves for Current Highway Work, Reserves for Debt Service, Total).

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, AND (2) ALL OTHER RECEIPTS AND DISBURSEMENTS BY THE STATES FOR HIGHWAYS. 2/ EXPENDITURES FOR COUNTY ROADS UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WV ARE INCLUDED WITH EXPENDITURES FOR STATE-ADMINISTERED HIGHWAYS. 3/ FOR ADDITIONAL INFORMATION ON STATE DEBT FOR HIGHWAYS SEE SB TABLES. 4/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

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







# DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS - 1990<sup>1</sup>

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-4  
OCTOBER 1991

STATE	CAPITAL OUTLAY FOR ROADS AND BRIDGES <i>2/</i>	MAINTENANCE AND TRAFFIC SERVICES <i>2/</i>	ADMINISTRATION AND MISCELLANEOUS <i>2/</i>	HIGHWAY LAW ENFORCEMENT AND SAFETY	BOND INTEREST	SUBTOTAL CURRENT EXPENDITURES	BOND RETIREMENT <i>3/</i>	TOTAL DISBURSEMENTS	BALANCES END OF YEAR		
									RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL
ALABAMA	447,348	116,376	43,512	55,061	5,933	668,228	21,415	689,643	137,306	-	137,306
ALASKA	144,502	115,569	26,307	8,823	4,724	299,925	20,718	320,641	-	-	-
ARIZONA	871,936	60,767	45,334	53,064	89,072	1,120,173	57,825	1,177,998	302,458	27,575	330,033
ARKANSAS	214,187	96,852	14,914	33,752	-	359,705	-	359,705	92,273	-	92,273
CALIFORNIA	1,900,538	516,847	404,414	507,980	6,107	3,335,866	3,660	3,339,546	734,110	4,787	738,897
COLORADO	368,279	107,168	17,429	39,161	-	532,037	-	532,037	27,296	-	27,296
CONNECTICUT	799,771	83,900	30,871	41,653	124,896	1,081,091	78,367	1,159,458	704,356	-	704,356
DELAWARE	145,255	38,067	28,762	36,339	-	280,815	31,583	312,398	197,501	5,704	203,205
FLORIDA	932,903	184,005	80,393	106,036	107,407	1,410,744	27,751	1,438,495	739,147	237,408	976,555
GEORGIA	765,279	206,567	72,446	86,320	40,968	1,171,580	79,073	1,250,653	1,523	-	1,523
HAWAII	188,520	17,309	19,601	2,288	10,765	248,483	12,915	261,398	124,573	-	124,573
IDAHO	140,935	46,640	17,537	19,771	-	224,883	-	224,883	27,601	-	27,601
ILLINOIS	1,221,093	281,954	158,481	200,181	113,545	1,975,234	82,893	2,058,127	1,008,112	35,866	1,043,978
INDIANA	457,674	236,624	74,502	40,967	33,434	843,201	1,860	845,061	300,528	49,321	349,849
IOWA	327,345	119,861	36,886	46,191	-	530,283	-	530,283	33,253	-	33,253
KANSAS	318,699	78,976	65,354	34,581	17,866	515,476	12,780	528,256	185,815	56,945	242,760
KENTUCKY	413,814	159,452	58,702	63,768	92,785	788,521	56,433	844,954	473,080	236,281	709,361
LOUISIANA	565,655	56,930	58,775	84,891	62,089	828,340	48,056	876,396	96,766	18,819	115,585
MAINE	146,944	102,968	15,372	20,268	6,722	292,272	11,240	303,512	166,229	-	166,229
MARYLAND	724,895	150,254	79,428	123,062	26,682	1,106,321	4,165	1,110,486	80,407	21,154	101,561
MASSACHUSETTS	347,166	153,548	118,221	80,056	98,929	797,920	141,979	939,899	126,487	24,242	150,729
MICHIGAN	490,658	135,130	169,108	134,452	13,402	942,750	4,581	947,331	422,187	1,028	423,215
MINNESOTA	552,427	126,427	62,423	65,212	9,316	815,849	13,637	829,486	227,812	34,365	262,177
MISSISSIPPI	237,371	51,396	26,605	32,924	13,485	381,747	14,200	375,947	164,928	122,187	287,113
MISSOURI	379,344	201,892	99,952	79,600	-	760,788	-	760,788	61,637	-	61,637
MONTANA	191,081	46,207	8,209	15,331	10,041	270,869	-	270,869	106,896	-	106,896
NEBRASKA	220,778	47,940	11,210	24,473	-	304,401	-	304,401	153,298	-	153,298
NEVADA	165,652	49,642	12,769	22,659	3,008	253,730	15,780	269,490	6,929	-	6,929
NEW HAMPSHIRE	83,173	83,583	66,713	34,146	15,648	283,264	11,879	294,943	186,617	-	186,617
NEW JERSEY	688,398	286,498	201,304	191,156	289,974	1,639,330	86,854	1,725,984	2,119,260	398,651	2,515,911
NEW MEXICO	234,205	59,222	43,896	17,909	503	355,735	4,305	360,040	-	-	-
NEW YORK	1,377,928	487,875	268,083	150,376	36,179	2,320,441	183,294	2,503,735	236,858	119,701	356,560
NORTH CAROLINA	718,536	362,808	98,509	128,039	10,910	1,318,802	27,330	1,346,132	334,909	-	334,909
NORTH DAKOTA	62,989	35,080	12,232	8,355	-	118,656	-	118,656	24,529	-	24,529
OHIO	701,173	270,351	204,877	149,045	22,740	1,348,186	74,900	1,423,086	403,479	97,803	501,282
OKLAHOMA	371,386	89,219	91,370	45,266	38,656	635,897	-	635,897	299,962	48,854	348,816
OREGON	285,008	114,941	33,803	36,902	6,031	476,883	9,820	486,303	74,631	-	74,631
PENNSYLVANIA	1,266,169	665,055	74,830	239,558	171,200	2,416,812	203,375	2,620,187	1,329,944	78,183	1,408,127
RHODE ISLAND	146,219	25,818	9,937	10,886	6,041	196,901	14,764	213,685	13,210	2,721	15,931
SOUTH CAROLINA	291,798	158,893	49,111	56,305	-	556,107	-	556,107	248,095	-	248,095
SOUTH DAKOTA	117,892	33,609	18,171	10,404	-	180,076	-	180,076	54,401	-	54,401
TENNESSEE	552,828	204,531	74,210	58,061	1,642	891,272	8,820	900,092	(55,123)	-	(55,123)
TEXAS	1,796,616	570,196	334,103	173,968	39,761	2,914,642	2,760	2,917,402	299,380	43,705	343,085
UTAH	183,388	56,557	22,666	26,448	-	289,059	-	289,059	3,627	-	3,627
VERMONT <i>4/</i>	53,501	39,882	12,631	14,087	1,984	121,885	4,715	126,600	5,000	-	5,000
VIRGINIA	939,708	509,185	104,181	108,459	36,348	1,699,881	21,013	1,720,874	432,205	6,478	438,681
WASHINGTON	486,290	179,382	100,557	95,502	47,624	919,355	33,568	952,913	196,578	48,302	244,880
WEST VIRGINIA	200,227	245,138	47,437	20,907	29,023	542,732	106,828	649,560	162,923	73,543	236,466
WISCONSIN	395,504	138,810	58,195	44,334	20,874	657,717	25,308	683,025	125,101	31,545	156,646
WYOMING	180,068	58,311	18,592	13,307	-	270,278	-	270,278	44,565	-	44,565
TOTAL <i>4/</i>	24,813,059	8,266,030	3,802,905	3,692,262	1,702,687	42,276,943	1,560,832	43,837,775	13,244,659	1,822,166	15,066,825

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/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS - 1990<sup>1</sup>

CLASSIFIED BY FUNCTION

COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE SF-4C OCTOBER 1991

(THOUSANDS OF DOLLARS)

Table with columns: STATE, CAPITAL OUTLAY 2/, MAINTENANCE 2/, ADMINISTRATION AND RESEARCH, HIGHWAY LAW ENFORCEMENT AND SAFETY. Sub-headers include: ACQUISITION OF RIGHT-OF-WAY, PRELIMINARY AND CONSTRUCTION ENGINEERING, HIGHWAY CONSTRUCTION, PHYSICAL MAINTENANCE (Facility, Structures), TRAFFIC SERVICE (Snow Removal, Traffic Control, Toll Facility), General Administration and Engineering, Research and Planning, Other, Traffic Supervision, Driver Education and Safety, Vehicle Inspection and Other.

1/ THIS TABLE GIVES A FURTHER SEGREGATION OF EXPENDITURES SHOWN ON TABLE SF-4. EXCLUSIVE OF EXPENDITURES FOR INTEREST AND RETIREMENT OF OBLIGATIONS FOR STATE HIGHWAYS, DATA FOR TOLL FACILITIES INCLUDED... 2/ SEE TABLE SF-12 FOR EXPENDITURES BY FUNCTIONAL SYSTEMS AND TABLE SF-12A FOR EXPENDITURES BY TYPE OF IMPROVEMENT. 3/ INCLUDES HIGHWAY BEAUTIFICATION AND OTHER MISCELLANEOUS COSTS WHICH CANNOT BE PROPERLY CLASSIFIED AS CAPITAL OUTLAY OR MAINTENANCE COSTS. 4/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT; ESTIMATED BY FHWA.



# STATE RECEIPTS APPLICABLE TO LOCAL ROADS AND STREETS - 1990<sup>1</sup>

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-5  
OCTOBER 1991

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/			APPROPRIATIONS FROM GENERAL FUNDS	OTHER STATE IMPOSTS 5/	MISCELLANEOUS RECEIPTS	TOTAL	FEDERAL FUNDS		FROM COUNTIES AND TOWNSHIPS			FROM MUNICIPALITIES
				MOTOR-FUEL TAXES	MOTOR-VEHICLE AND MOTOR-CARRIER TAXES	TOTAL					FEDERAL HIGHWAY ADMINISTRATION	OTHER AGENCIES				
ALABAMA 6/	-	-	-	149,540	25,475	175,015	-	-	-	175,015	-	777	333	-	176,125	
ALASKA	-	-	-	-	-	-	10,436	-	-	10,436	-	4,529	-	-	14,965	
ARIZONA	2,445	-	2,445	212,388	127,442	339,830	-	143	-	339,973	-	2,984	3,288	4,890	351,135	
ARKANSAS	14,540	-	14,540	62,575	20,921	83,496	-	-	-	83,496	-	2,894	11,024	-	97,414	
CALIFORNIA	-	-	-	668,074	50,204	718,278	-	-	-	718,278	131,088	32,080	18,746	54,690	954,882	
COLORADO	-	-	-	132,742	15,707	148,449	-	18,063	-	166,512	-	1,832	4,727	8,757	181,828	
CONNECTICUT	-	-	-	27,932	16,313	44,245	-	-	-	44,245	-	-	-	-	44,245	
DELAWARE 6/	-	-	-	1,789	1,201	3,000	-	-	-	3,000	-	-	-	-	3,000	
DIST. OF COLUMBIA	-	-	-	29,735	40,805	70,340	78,995	-	36	149,371	88,603	751	-	-	273,433	
FLORIDA	-	-	-	188,213	36,442	224,655	-	-	-	224,655	-	927	9,596	3,657	238,835	
GEORGIA	-	-	-	23,831	2,908	26,739	-	-	-	26,739	-	454	-	-	27,193	
HAWAII	-	-	-	3,706	32,325	36,031	-	-	-	36,031	-	-	-	-	36,031	
IDAHO	-	-	-	39,435	23,850	63,085	-	-	193	63,278	-	7,253	4,958	-	75,489	
ILLINOIS	-	-	-	455,625	63,715	519,340	-	36,375	-	555,715	-	34	10,751	20,257	586,757	
INDIANA	8,954	-	8,954	291,743	65,981	357,724	-	-	1,988	359,712	-	-	804	11,986	372,513	
IOWA	29,888	-	29,888	203,852	89,178	292,028	-	41,213	-	333,241	23,983	-	-	-	357,224	
KANSAS	23,774	-	23,774	112,247	38,932	151,179	-	-	-	151,179	-	-	4,925	8,826	164,930	
KENTUCKY	-	-	-	82,129	77,968	160,097	-	-	-	160,097	-	459	2,248	185	162,989	
LOUISIANA	-	-	-	20,323	264	20,587	-	22,778	-	43,365	-	1,739	-	-	45,104	
MAINE	-	-	-	20,328	8,201	28,529	-	-	-	28,529	-	17	-	-	28,546	
MARYLAND	-	30,922	30,922	130,461	136,050	266,511	-	19,823	3,056	289,390	48,390	-	-	-	354,199	
MASSACHUSETTS	-	-	-	13,896	12,944	26,840	-	12,813	-	39,653	44,928	-	137	777	115,002	
MICHIGAN	-	-	-	361,042	218,919	577,961	-	-	-	577,961	-	889	-	-	578,850	
MINNESOTA	409,010	-	409,010	217,368	151,422	368,790	-	22,344	36,366	427,500	-	1,060	9,578	3,193	446,431	
MISSISSIPPI	34,660	2,200	36,860	81,843	20,952	102,795	-	33,381	26	136,202	9,996	4,468	169	542	151,375	
MISSOURI	1,509	-	1,509	96,290	45,512	141,802	-	30,759	-	172,561	-	1,292	714	2,790	177,357	
MONTANA	-	-	-	15,333	1,444	16,777	-	-	-	16,777	6,107	7,433	1,289	-	31,606	
NEBRASKA	-	-	-	65,642	21,113	86,755	-	29,796	-	116,551	19,928	20	1,885	6,089	144,473	
NEVADA	-	-	-	38,978	-	38,978	-	-	-	38,978	-	167	-	-	39,145	
NEW HAMPSHIRE	-	-	-	106	70	176	-	-	-	176	-	253	-	3,220	3,649	
NEW JERSEY	-	-	-	65,346	39,312	104,658	-	-	-	104,658	-	-	-	-	104,658	
NEW MEXICO	-	-	-	18,606	27,343	45,949	-	-	-	45,949	-	949	1,694	-	48,592	
NEW YORK	-	-	-	209,392	180,357	389,749	-	-	-	389,749	-	1,005	-	-	370,754	
NORTH CAROLINA 6/	-	-	-	62,824	18,480	81,304	-	-	-	81,304	-	-	-	1,044	82,348	
NORTH DAKOTA	-	-	-	42,679	14,188	56,867	-	1,665	-	58,532	5,502	62	5,354	1,205	70,746	
OHIO	-	-	-	428,987	387,987	816,974	-	-	-	816,974	-	87	17,608	13,113	847,762	
OKLAHOMA	75,108	-	75,108	106,352	46,715	153,067	-	25,711	-	178,778	20,792	571	1,708	-	201,849	
OREGON	-	-	-	105,592	84,899	190,491	-	-	-	190,491	-	74,836	7,082	6,385	278,794	
PENNSYLVANIA	-	-	-	156,514	70,775	227,289	-	-	-	227,289	35,523	1,808	-	-	264,621	
RHODE ISLAND	-	-	-	60	30	90	-	-	-	90	-	-	-	-	90	
SOUTH CAROLINA	-	-	-	25,829	1,658	27,287	-	-	-	27,287	-	1,706	182	-	29,175	
SOUTH DAKOTA	-	-	-	4,266	24,547	28,813	-	1,191	-	30,004	18,004	822	3,300	-	52,230	
TENNESSEE	-	-	-	242,624	10,350	252,974	-	12,017	-	264,991	-	242	8,081	263	273,577	
TEXAS	-	-	-	7,300	74,182	81,482	-	-	-	81,482	-	1,176	381	514	83,553	
UTAH	-	-	-	49,110	7,426	56,536	-	-	-	56,536	354	6,837	1,000	900	65,627	
VERMONT 7/	-	-	-	18,149	19,494	37,643	-	-	-	37,643	-	87	-	653	38,383	
VIRGINIA 6/	-	-	-	99,999	52,778	152,775	-	-	-	152,775	-	230	-	-	153,005	
WASHINGTON	27,971	-	27,971	246,635	1,555	248,490	-	-	2,145	250,635	46,472	18,448	-	27	325,398	
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	440	-	-	440	
WISCONSIN	-	-	-	206,932	55,350	262,282	-	-	-	262,282	-	348	18,837	14,100	295,567	
WYOMING	18,213	-	18,213	16,898	3,489	20,387	-	-	-	20,387	-	8,421	105	2,674	31,587	
<b>TOTAL 7/</b>	<b>644,072</b>	<b>33,122</b>	<b>677,194</b>	<b>5,861,070</b>	<b>2,444,069</b>	<b>8,305,139</b>	<b>89,574</b>	<b>307,929</b>	<b>43,901</b>	<b>8,746,543</b>	<b>479,668</b>	<b>190,477</b>	<b>150,504</b>	<b>170,737</b>	<b>9,853,481</b>	

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 MF-3, MV-3, AND DF, RESPECTIVELY.

4/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPROPRIATIONS OUT OF STATE GENERAL FUNDS APPEAR ON TABLE DF.  
5/ INCLUDES SEVERANCE TAX; SPECIFIC OWNERSHIP TAX ON FOR HIRE VEHICLES; OIL ROYALTIES; SALES TAX; GAME AND FISH LICENSES; LUBRICATING OIL TAX; AND TAX ON SPECIAL FUELS.  
6/ COUNTY ROADS ARE UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WV.  
7/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

# STATE EXPENDITURES AND GRANTS-IN-AID FOR LOCAL ROADS AND STREETS - 1990<sup>1</sup>

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-6  
OCTOBER 1991

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 6/	TOTAL	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								
ALABAMA	26,314	--	--	--	26,314	135,291	161,605	--	--	--	--	14,519	14,519	26,314	149,810	176,124	--	--	--
ALASKA	--	--	--	3,511	3,511	6,781	10,292	--	--	--	--	4,673	4,673	3,511	11,454	14,965	--	--	--
ARIZONA	3,288	--	--	--	3,288	127,268	130,577	7,138	--	--	--	209,724	216,862	10,428	337,013	347,439	6,141	--	6,141
ARKANSAS	10,800	--	--	--	10,800	44,180	54,780	--	--	--	--	41,287	41,287	10,800	85,467	96,067	15,886	--	15,886
CALIFORNIA	18,746	--	--	--	18,746	407,394	426,140	62,760	--	--	--	465,983	528,743	81,506	873,377	954,883	--	--	--
COLORADO	21,450	--	--	--	21,450	77,005	98,455	19,426	--	--	--	63,373	83,373	40,878	140,952	181,828	--	--	--
CONNECTICUT	--	--	--	--	--	--	10,462	10,462	--	--	--	14,354	14,354	14,354	29,891	44,245	--	--	--
DELAWARE	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	--	3,000	3,000	--	--	--
DIST. OF COL.	--	--	--	--	--	--	--	100,390	34,462	7/	138,582	273,434	--	273,434	273,434	--	--	--	--
FLORIDA	9,596	--	--	--	9,596	160,754	170,350	3,657	--	--	--	64,828	68,485	13,253	225,582	238,835	--	--	--
GEORGIA	313	12,297	--	--	12,610	9,765	22,375	43	4,776	--	--	4,819	--	17,429	9,765	27,194	--	--	--
HAWAII	2,900	122	--	--	3,022	30,474	33,496	--	--	--	--	2,536	2,536	3,022	33,010	36,032	--	--	--
IDAHO	13,833	--	--	--	13,833	45,565	59,398	--	--	--	--	16,291	16,291	13,833	61,858	75,689	--	--	--
ILLINOIS	112,675	6,740	--	--	119,415	218,858	338,071	47,057	2,424	--	--	199,205	248,886	168,896	417,861	586,757	--	--	--
INDIANA	735	--	164	--	899	189,757	190,656	83,408	--	77	--	83,485	98,520	182,005	288,277	372,661	6,805	--	6,805
IOWA	--	--	--	--	--	223,141	223,141	--	--	--	--	115,110	--	115,110	338,251	338,251	48,861	--	48,861
KANSAS	2,033	21,542	--	--	23,575	59,733	83,308	3,462	36,680	--	--	40,142	45,334	85,476	63,717	105,067	189,794	19,920	19,920
KENTUCKY	38,183	10	2,674	--	40,867	82,087	122,954	11,729	6	821	--	27,477	40,033	53,423	109,564	162,987	--	--	--
LOUISIANA	1	25	--	1,438	1,464	43,453	44,917	--	--	--	--	188	188	1,464	43,641	45,105	--	--	--
MAINE	8,196	1,060	--	--	9,256	13,825	23,111	--	--	--	--	5,436	5,436	9,256	19,261	28,547	--	--	--
MARYLAND	1,705	--	--	24,522	26,227	143,850	170,077	--	--	--	--	183,822	183,822	26,227	327,672	353,899	--	31,222	31,222
MASSACHUSETTS	9,145	--	--	--	9,145	14,235	23,380	49,935	--	--	--	49,935	49,935	9,145	59,080	68,225	--	--	--
MICHIGAN	--	--	--	12,240	12,240	362,518	374,758	--	--	--	--	204,090	204,090	12,240	566,608	578,848	--	--	--
MINNESOTA	41,494	--	--	--	41,494	241,028	282,520	13,831	--	--	--	102,371	116,202	55,325	343,397	398,722	456,717	--	456,717
MISSISSIPPI	84,693	--	--	5,557	90,250	56,422	146,672	4,598	--	--	--	1,482	6,080	94,848	57,904	152,752	33,340	2,142	35,482
MISSOURI	714	--	--	--	714	73,725	74,439	2,790	--	--	--	99,377	102,167	3,504	173,102	176,606	2,259	--	2,259
MONTANA	3,791	--	--	--	3,791	14,514	18,305	5,462	--	--	--	7,839	13,301	9,253	22,353	31,606	--	--	--
NEBRASKA	7,964	29	450	--	8,443	68,218	76,659	5,642	--	447	--	6,089	61,725	14,532	129,941	144,473	--	--	--
NEVADA	--	--	--	--	--	26,395	26,395	--	--	--	--	12,750	12,750	--	39,145	39,145	--	--	--
NEW HAMPSHIRE	--	--	--	--	--	253	253	1,967	--	--	--	3,220	3,396	3,220	429	3,649	--	--	--
NEW JERSEY	24,805	--	--	7,754	32,559	5,821	38,380	52,710	--	1,253	--	13,568	66,278	85,269	19,389	104,658	--	--	--
NEW MEXICO	4,085	--	--	--	4,085	32,426	36,511	--	--	--	--	12,080	12,080	4,085	44,506	48,591	--	--	--
NEW YORK	84,879	--	--	10,000	94,879	130,616	225,495	65,693	--	--	--	79,567	145,260	160,572	210,183	370,755	--	--	--
NORTH CAROLINA	--	--	--	--	--	181,501	181,501	17,183	--	1,044	--	87,870	85,053	29,423	249,371	278,794	--	--	--
NORTH DAKOTA	22,706	872	194	--	23,772	27,879	51,591	5,680	--	--	--	13,473	19,153	29,392	41,352	70,744	--	--	--
OHIO	17,608	--	--	--	17,608	548,448	566,057	52,792	--	--	--	52,792	228,915	281,707	777,384	847,764	--	--	--
OKLAHOMA	30,028	4,712	5,172	--	39,912	133,751	173,663	--	--	--	--	17,119	17,119	39,912	150,870	190,782	86,175	--	86,175
OREGON	12,240	--	--	--	12,240	181,501	193,741	17,183	--	--	--	87,870	85,053	29,423	249,371	278,794	--	--	--
PENNSYLVANIA	--	--	--	--	--	176,609	176,609	--	--	--	--	88,013	88,013	--	264,622	264,622	--	--	--
RHODE ISLAND	--	--	--	--	--	90	90	--	--	--	--	--	--	--	90	90	--	--	--
SOUTH CAROLINA	9,299	--	--	--	9,299	19,876	29,175	--	--	--	--	--	--	9,299	19,876	29,175	--	--	--
SOUTH DAKOTA	20,121	--	--	--	20,121	21,268	41,389	5,778	--	--	--	5,778	10,840	25,899	26,330	52,229	--	--	--
TENNESSEE	44,775	--	--	--	44,775	149,130	193,905	263	--	--	--	79,408	79,671	45,038	228,538	273,576	--	--	--
TEXAS	381	--	--	--	381	82,658	83,039	514	--	--	--	514	514	885	82,658	83,553	--	--	--
UTAH	7,200	--	--	--	7,200	30,934	38,134	5,500	--	--	--	21,993	27,493	12,700	52,927	65,627	--	--	--
VERMONT 8/	6,000	31	174	--	6,205	17,537	23,742	12,299	--	--	--	2,342	14,641	18,504	19,879	38,383	--	--	--
VIRGINIA	--	--	--	--	--	14,757	14,757	--	--	--	--	138,248	138,248	--	153,005	153,005	--	--	--
WASHINGTON	927	156	1,643	28,587	31,313	165,802	197,115	554	33	1,579	--	98,827	100,793	33,479	264,429	297,908	55,460	--	55,460
WEST VIRGINIA	--	--	--	--	--	440	440	--	--	--	--	--	--	--	440	440	--	--	--
WISCONSIN	38,597	--	--	--	38,597	114,640	153,237	26,867	--	--	--	115,463	142,330	65,464	230,103	295,567	--	--	--
WYOMING	9,313	26	--	--	9,339	6,300	15,639	6,457	455	--	--	6,912	10,669	16,251	10,077	26,328	23,472	--	23,472
TOTAL 8/	751,133	47,652	10,411	93,609	902,805	4,747,250	5,650,055	689,939	79,880	142,759	912,576	3,179,635	4,082,213	1,815,383	7,926,885	9,742,268	755,036	33,364	788,400

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 HAVE BEEN CLASSIFIED AS MUNICIPALITIES: SAN FRANCISCO, CA; DENVER, CO; DUVALL, FL; MUSCOGEE, GA; MARION, IN; ORLEANS PARISH, LA; SUFFOLK, MA; BRONX, NY; KINGS, NY; NEW YORK, NY; QUEENS, NY; RICHMOND, NY; DAVIDSON, TN; PHILADELPHIA, PA; ARLINGTON, VA. IN ADDITION, TOWNS AND TOWNSHIPS IN THE SIX NEW ENGLAND STATES, NJ, NY, AND PA ARE CLASSIFIED AS RURAL OR MUNICIPAL 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-5A 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 \$11,485,000; TRAFFIC POLICE AND SAFETY \$8,536,000; HIGHWAY BOND INTEREST \$77,364,718; AND HIGHWAY BOND REDEMPTION \$40,186,000.

8/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1990<sup>1</sup>

## IN RURAL AREAS

## CLASSIFIED BY FUNCTIONAL SYSTEMS

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-12  
SHEET 1 OF 3  
OCTOBER 1991

STATE	CAPITAL OUTLAY						MAINTENANCE					
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL
ALABAMA	51,127	63,848	39,484	12,542	-	167,001	6,448	18,403	16,603	7,483	-	48,937
ALASKA	25,801	586	4,388	25,948	2,144	58,867	-	65,150	-	-	-	65,150
ARIZONA	51,937	18,917	61,226	17,284	3,457	152,821	10,096	4,326	8,513	4,699	698	28,331
ARKANSAS	19,438	45,192	31,239	30,363	14,900	141,132	11,052	24,475	15,953	16,631	8,621	76,732
CALIFORNIA	104,590	237,265	155,340	21,806	1,531	520,552	63,879	79,550	132,460	18,156	1,866	295,912
COLORADO	131,598	33,580	33,398	29,480	1,454	229,511	20,681	15,777	14,725	21,036	2,104	74,322
CONNECTICUT	26,795	47,803	21,817	16,868	1,711	115,015	1,283	2,660	5,558	11,296	13,784	34,581
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	167,248	203,304	178,921	10,328	-	559,801	20,569	64,835	25,351	1,657	373	112,786
GEORGIA	17,928	123,294	118,991	74,081	-	397,210	8,654	15,800	27,799	63,866	32,937	149,056
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	58,689	26,864	7,369	15,774	1,607	110,303	6,954	10,821	11,035	12,859	196	41,865
ILLINOIS	117,863	352,334	109,055	52,012	1,502	632,766	20,911	1,543	25,969	14,878	1,386	64,687
INDIANA	52,158	40,900	46,204	55,963	-	195,225	50,288	25,619	54,055	69,453	674	200,089
IOWA	57,368	84,117	107,774	-	-	249,259	13,041	29,785	48,592	-	-	91,418
KANSAS	45,433	113,607	53,337	29,090	2,621	244,088	20,012	20,895	11,643	2,007	8	54,565
KENTUCKY	25,445	111,092	54,793	63,921	30,490	285,741	12,355	21,011	11,964	40,863	32,835	119,029
LOUISIANA	83,976	44,526	23,303	80,129	31,779	263,713	1,647	-	546	134	16	2,343
MAINE	32,719	21,882	21,009	21,510	5,311	102,432	17,309	7,372	10,998	33,095	22,663	91,437
MARYLAND	87,600	92,303	29,425	20,157	10,355	239,840	7,378	2,714	-	-	-	10,092
MASSACHUSETTS	21,918	9,172	6,850	13,571	556	52,166	4,979	5,943	8,232	4,815	347	24,316
MICHIGAN	42,372	64,088	12,134	2,119	-	120,713	14,836	16,969	3,213	561	-	35,580
MINNESOTA	33,099	74,328	49,033	9,074	-	165,534	7,967	32,321	34,612	8,787	29	83,716
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	43,106	-	42,664	51,257	1,287	138,315	13,936	-	25,237	90,224	27,126	156,523
MONTANA	35,593	72,076	34,092	16,864	-	158,625	-	-	-	-	-	-
NEBRASKA	13,079	76,360	47,044	33,574	-	170,057	3,117	16,506	13,956	3,086	-	36,665
NEVADA	25,012	18,481	32,288	65,788	11,440	153,009	3,491	5,535	9,670	12,006	-	30,702
NEW HAMPSHIRE	37,092	4,868	6,808	4,471	941	54,180	16,019	6,542	8,620	18,120	18,872	68,174
NEW JERSEY	15,192	77,242	4,084	2,274	1,398	100,191	6,302	30,963	5,140	389	310	43,103
NEW MEXICO	75,148	30,259	50,649	48,047	2,683	206,987	8,749	7,328	12,554	16,927	8,773	54,331
NEW YORK	169,957	38,702	88,595	65,502	20,423	383,189	131,294	7,057	19,407	14,630	24,658	197,047
NORTH CAROLINA	96,482	112,819	45,908	87,910	51,194	394,314	8,769	17,828	14,041	83,114	28,820	152,572
NORTH DAKOTA	14,899	12,050	19,975	22,632	2,465	72,022	4,552	7,129	17,642	4,902	254	34,480
OHIO	113,026	99,017	52,622	94,485	14,619	373,769	47,192	12,356	24,460	86,486	53,135	223,632
OKLAHOMA	12,350	62,271	30,147	53,247	57	158,072	3,821	19,103	9,170	16,047	18	48,158
OREGON	25,004	54,010	22,927	33,755	228	135,934	10,150	20,574	9,307	13,707	92	53,830
PENNSYLVANIA	195,678	113,624	106,040	10,389	26,819	452,548	83,054	28,423	27,099	87,643	276	226,495
RHODE ISLAND	-	1,084	-	58	51	1,204	-	-	-	-	-	-
SOUTH CAROLINA	43,132	23,415	36,261	22,725	3,213	128,737	26,029	17,538	19,341	23,872	5,153	91,933
SOUTH DAKOTA	16,724	47,460	26,797	23,181	13,490	127,652	4,743	8,694	12,392	4,936	149	30,904
TENNESSEE	71,719	104,556	102,016	55,981	-	334,272	30,625	49,000	73,501	363	-	153,469
TEXAS	128,634	335,344	110,725	169,700	57,604	802,006	17,102	23,546	27,351	159,969	94,147	322,115
UTAH	53,320	16,040	14,330	21,720	1,400	106,810	13,400	7,900	6,870	5,400	400	33,970
VERMONT	10,135	6,609	9,824	8,668	363	35,600	8,120	4,095	10,433	18,802	3,689	45,139
VIRGINIA	43,703	164,359	47,920	73,589	8,520	338,091	65,462	59,585	59,513	81,557	11,211	277,327
WASHINGTON	13,020	81,492	75,736	12,364	-	182,612	12,931	44,324	28,441	4,110	-	89,806
WEST VIRGINIA	34,185	31,481	22,679	54,798	8,128	151,271	16,085	9,740	12,944	30,058	6,370	75,197
WISCONSIN	44,644	146,784	90,862	27,055	472	309,817	9,578	33,523	37,354	15,325	-	95,779
WYOMING	72,290	15,340	32,437	35,414	9,012	164,493	11,039	7,314	13,518	13,579	828	46,278
TOTAL 2/ 3/	2,658,237	3,554,765	2,318,510	1,697,508	348,442	10,577,467	675,899	910,574	965,772	1,137,528	402,818	4,292,593
PERCENT 2/	25.13	33.61	21.92	16.05	3.29	100.00	20.40	21.21	22.50	26.50	9.38	100.00

# STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1990<sup>1</sup>

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

CLASSIFIED BY FUNCTIONAL SYSTEMS

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-12  
SHEET 2 OF 3  
OCTOBER 1991

STATE	CAPITAL OUTLAY						MAINTENANCE					
	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL
ALABAMA	3,543	-	4,485	443	-	8,572	301	-	5,254	2,250	-	7,805
ALASKA	1,102	-	22,403	7,629	4,396	35,530	-	-	-	-	-	-
ARIZONA	13,250	-	4,787	2,891	508	21,436	1,242	-	270	632	174	2,318
ARKANSAS	883	5,041	11,829	4,589	382	22,725	504	2,906	6,664	2,625	19	12,718
CALIFORNIA	7,251	23,034	16,451	5,782	4,656	57,174	4,938	7,316	7,263	495	281	20,293
COLORADO	1,169	54	13,561	487	13	15,283	105	421	3,155	1,052	-	4,733
CONNECTICUT	1,081	373	1,655	-	265	3,384	44	-	643	-	1,480	2,394
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	24,412	5,289	-	29,701	-	-	4,605	2,779	-	7,385
GEORGIA	-	-	45,392	1,172	-	49,164	-	-	6,325	4,788	-	16,355
HAWAII	715	622	-	-	1,263	-	883	310	-	-	4,048	-
IDAHO	137	-	7,065	1,580	2,386	11,168	462	-	382	196	14	1,054
ILLINOIS	6,978	-	20,299	20,246	501	48,024	730	151	5,031	2,943	2,259	11,114
INDIANA	196	3,317	62,581	21,447	1,051	109,102	637	999	10,384	1,851	8	13,879
IOWA	-	-	34,172	-	-	34,172	-	-	8,894	-	-	8,894
KANSAS	638	150	16,404	4,588	3,779	25,560	1,048	595	4,283	50	-	5,977
KENTUCKY	3,917	-	15,319	10,704	5,155	35,095	990	429	3,214	3,300	498	8,430
LOUISIANA	2,232	423	11,961	810	2,436	17,862	-	2	1,188	-	-	1,190
MAINE	31	-	6,015	3,347	231	9,624	40	141	1,030	1,050	1,485	3,747
MARYLAND	37,220	33,311	5,433	4,503	3	80,469	-	768	1,209	-	36	4,481
MASSACHUSETTS	1,011	458	1,769	1,719	835	5,791	-	1,209	1,893	575	-	4,481
MICHIGAN	150,807	3,419	28,794	770	-	183,790	39,803	905	7,624	204	-	48,537
MINNESOTA	-	30	28,184	8	-	28,222	321	503	4,800	326	18	5,968
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	5,489	24,127	6,413	7,814	2,520	46,363	2,541	1,121	5,331	2,670	448	12,111
MONTANA	123	-	4,457	-	-	4,580	-	-	-	-	-	-
NEBRASKA	-	313	2,062	1,363	187	3,925	15	173	3,279	42	1	3,510
NEVADA	159	-	315	514	663	1,650	45	-	94	154	199	491
NEW HAMPSHIRE	2,410	2,648	272	76	60	5,466	448	354	1,603	2,703	2,889	7,997
NEW JERSEY	-	-	-	-	-	-	185	-	195	-	-	380
NEW MEXICO	3,039	-	9,576	738	216	13,569	636	-	2,337	932	774	4,881
NEW YORK	887	8,524	29,253	9,988	2,974	51,626	294	253	1,328	1,092	1,197	4,164
NORTH CAROLINA	13,578	3,105	39,283	32,362	2,159	90,487	468	3,362	3,826	2,478	915	11,049
NORTH DAKOTA	1,735	-	2,431	1,150	757	6,073	95	-	205	-	-	299
OHIO	9,195	50	10,702	9,595	2,129	31,671	782	167	1,167	1,130	1,650	4,898
OKLAHOMA	2,211	343	5,186	6,812	1,810	16,362	784	105	1,928	2,292	764	5,854
OREGON	12,586	114	23,951	5,433	683	43,067	5,231	46	9,723	2,206	277	17,482
PENNSYLVANIA	5,290	14,458	16,347	13,825	10,081	59,999	4,029	32,066	33,335	63,745	773	133,948
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	48,372	571	85,438	9,787	6,370	151,138	25,793	3,232	27,853	3,141	1,862	61,881
SOUTH DAKOTA	7	-	2,237	853	1,732	4,829	301	-	1,099	51	-	1,451
TENNESSEE	-	-	14,927	8,880	3,159	26,967	-	-	6,125	8,167	-	14,292
TEXAS	16,190	17,236	27,809	9,062	1,889	72,187	8,875	3,492	23,844	17,914	26,962	81,087
UTAH	5,190	360	4,420	3,360	-	13,270	2,200	400	1,100	600	200	4,500
VERMONT	2,555	1,129	267	3,532	1,561	9,035	366	141	695	741	379	2,322
VIRGINIA	280	177	28,956	15,581	2,478	47,432	2,568	272	4,634	3,688	2,644	13,807
WASHINGTON	349	583	2,751	15,009	551	19,242	1,731	687	13,719	2,851	69	19,267
WEST VIRGINIA	382	7,980	9,691	1,097	155	19,305	954	627	1,156	795	144	3,676
WISCONSIN	3,210	130	11,334	7,007	1,468	23,149	393	666	7,884	2,221	-	11,105
WYOMING	8,866	-	3,779	4,821	532	17,998	324	-	1,927	177	121	2,549
TOTAL 2/ 3/	375,184	152,581	744,828	266,643	72,004	1,611,238	111,994	63,261	237,094	145,328	52,588	610,263
PERCENT 2/	23.29	9.47	46.23	16.55	4.47	100.00	18.35	10.36	38.85	23.81	8.62	100.00

# STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1990<sup>1</sup>

## IN URBANIZED AREAS (50,000 OR MORE POPULATION)

### CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12  
SHEET 3 OF 3  
OCTOBER 1991

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

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	127,909	469	23,625	33,620	-	185,622	4,827	-	18,750	11,270	-	34,847
ALASKA	3,802	-	20,509	635	16,593	41,539	-	-	-	-	-	-
ARIZONA	83,463	532,620	6,424	3,308	4,848	630,664	2,911	803	318	105	4	4,140
ARKANSAS	3,158	1,072	5,364	1,183	-	10,777	1,931	620	3,012	949	-	6,512
CALIFORNIA	524,168	453,852	385,014	18,823	22,392	1,404,249	98,505	65,583	33,579	2,218	-	199,885
COLORADO	70,836	29,607	25,865	11,596	1,999	139,903	6,311	6,311	11,570	3,155	-	27,347
CONNECTICUT	305,942	239,202	64,298	59,329	24,283	693,053	2,698	2,111	7,841	10,952	21,063	44,665
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	36,777	-	29,689	3,558	8,411	78,435	13,989	-	10,825	1,140	3,132	28,487
FLORIDA	70,033	59,056	113,754	88,781	-	330,624	10,862	13,619	22,109	14,472	-	61,062
GEORGIA	128,034	64,919	149,288	31,625	4,944	378,811	6,440	1,850	9,360	11,742	6,266	37,658
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	3,626	-	25	1,233	3,081	7,964	448	-	821	345	107	1,721
ILLINOIS	304,047	27,287	211,849	134,423	13,038	690,644	36,051	55,731	36,210	39,353	17,205	184,550
INDIANA	89,527	32,468	129,685	13,966	2,243	267,889	5,634	1,361	13,480	1,903	69	22,447
IOWA	7,112	-	36,801	-	-	43,913	2,301	-	17,248	-	-	19,549
KANSAS	52,074	2,624	7,172	4,990	9,093	75,952	11,370	2,727	3,858	469	-	18,425
KENTUCKY	61,138	2,236	17,247	9,385	10,763	100,770	4,796	1,191	4,794	2,855	774	14,410
LOUISIANA	115,133	29,343	38,508	11,267	4,577	198,828	691	8,509	-	272	-	9,472
MAINE	1,866	-	10,654	6,404	2,158	21,082	495	141	1,242	1,979	2,495	6,352
MARYLAND	271,854	66,797	93,123	14,135	4,480	450,389	22,622	-	-	-	-	22,622
MASSACHUSETTS	211,634	11,223	36,452	23,649	3,637	285,595	24,189	11,471	12,787	3,413	459	52,319
MICHIGAN	165,611	5,441	9,474	819	-	180,345	46,985	1,441	2,244	217	127	51,013
MINNESOTA	235,064	14,642	71,423	11,935	-	333,064	8,168	3,711	6,596	5,261	289	24,025
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	37,796	77,587	17,097	13,813	2,444	148,737	10,744	489	1,503	637	51	13,423
MONTANA	2,719	-	2,122	-	-	4,841	-	-	-	-	-	-
NEBRASKA	25,276	9,120	6,631	5,117	-	46,143	514	153	6,368	100	20	7,154
NEVADA	1,757	3,149	4,243	1,343	99	10,591	12,006	943	1,271	402	30	14,652
NEW HAMPSHIRE	3,522	12,471	8,766	511	22	25,292	373	354	895	2,125	3,001	6,747
NEW JERSEY	384,335	81,546	139,273	254	-	605,408	62,471	99,061	43,139	2,719	156	207,547
NEW MEXICO	11,621	-	1,980	930	269	14,790	-	-	-	-	-	-
NEW YORK	454,585	129,163	337,954	114,321	14,826	1,050,828	79,750	3,698	811	11,715	8,857	104,831
NORTH CAROLINA	15,955	15,912	44,745	22,374	4,782	103,759	2,455	1,166	2,888	6,082	1,861	14,471
NORTH DAKOTA	5,045	-	2,406	3,273	492	11,216	239	-	-	9	-	368
OHIO	169,274	12,576	99,667	38,208	25,556	345,282	25,703	612	3,451	4,853	7,202	41,821
OKLAHOMA	175,716	27,273	14,883	1,865	734	220,470	21,747	8,405	4,585	764	226	35,727
OREGON	80,132	199	16,982	4,551	3,641	105,506	32,528	81	6,894	1,848	1,478	42,829
PENNSYLVANIA	366,658	121,062	21,876	212,143	31,873	753,613	39,697	58,171	86,374	111,099	9,272	304,613
RHODE ISLAND	730	-	6,332	5,795	1,807	14,664	-	-	1,021	-	-	1,021
SOUTH CAROLINA	-	-	3,490	2,604	1,400	7,495	-	-	1,373	921	799	3,094
SOUTH DAKOTA	2,191	-	4,809	2,498	1,922	11,220	357	-	438	-	-	795
TENNESSEE	88,908	-	37,651	26,346	14,510	167,414	20,417	-	6,125	10,208	-	36,750
TEXAS	327,660	385,823	182,470	23,783	2,691	922,428	36,961	33,270	49,309	22,860	24,594	166,994
UTAH	28,200	550	28,840	11,020	7,398	76,008	11,400	500	3,400	2,300	487	18,087
VERMONT	159	6,755	558	636	-	8,107	592	21	613	543	251	2,020
VIRGINIA	145,751	75,155	132,269	92,578	11,392	457,135	30,698	9,800	23,534	23,415	11,968	99,415
WASHINGTON	232,831	20,212	33,687	5,161	1,030	292,922	17,073	7,348	31,361	4,717	1,033	61,532
WEST VIRGINIA	8,787	5,051	10,753	6,025	446	31,062	3,001	1,395	1,190	994	529	7,109
WISCONSIN	7,766	8,251	62,386	23,655	3,350	105,407	8,939	4,789	15,644	2,554	-	31,926
WYOMING	598	-	915	1,546	1,049	4,108	345	-	2,664	209	43	3,261
TOTAL 2/ 3/	5,450,760	2,563,713	2,706,818	1,104,378	268,899	12,094,568	729,634	407,456	511,635	322,872	126,120	2,097,715
PERCENT 2/	45.07	21.20	22.38	9.13	2.22	100.00	34.78	19.42	24.39	15.39	6.01	100.00

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 1990 DATA BY FUNCTIONAL SYSTEM.

2/ THE TOTALS AND PERCENTAGES INCLUDE ONLY THE 48 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 - 1990<sup>1</sup>

## FOR ARTERIAL SYSTEMS IN RURAL AREAS

### CLASSIFIED BY IMPROVEMENT TYPES

TABLE SF-12A  
SHEET 1 OF 3  
OCTOBER 1991

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

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	2.221	4,593	-	-	35,348	4,255	4,710	51,127	12,364	16,894	-	40,114	2,955	28,090	2,915	103,332		
ALASKA	4.985	298	12,529	-	7,103	9	877	25,801	1,240	250	823	-	1,515	19	1,167	4,974		
ARIZONA	2.314	367	1,302	-	33,841	26	14,086	51,937	22,069	154	18,274	1,329	20,248	12,312	5,737	80,143		
ARKANSAS	1.065	-	-	-	12,492	4,333	1,549	19,438	5,675	14,070	5,755	7,090	5,265	37,952	625	76,432		
CALIFORNIA	25,389	46,824	-	-	23,020	1,034	8,323	104,590	122,299	161,319	-	-	55,315	14,429	39,263	392,625		
COLORADO	17,198	43,923	2,297	-	45,641	19,592	2,948	131,598	19,835	3,349	2,328	11,179	23,633	938	66,979			
CONNECTICUT	7,690	-	259	-	612	18,234	-	26,795	17,592	-	-	5,140	28,686	13,895	4,307	69,620		
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA	58,384	95,099	-	-	6,455	6,830	481	167,248	152,759	103,884	-	-	24,632	87,705	13,244	382,224		
GEORGIA	3,617	392	4,694	3,193	2,555	62	3,415	17,928	51,065	30,352	26,654	51,118	13,774	45,424	23,898	242,285		
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IDAHO	5,775	42,322	113	65	4,691	4,333	1,390	58,689	6,772	6,384	4,906	77	4,371	4,422	7,300	34,233		
ILLINOIS	820	-	-	-	86,901	406	29,736	117,863	43,370	102,163	2,096	30,930	96,389	152,200	34,241	461,389		
INDIANA	1,301	-	1,520	-	41,166	7,563	608	52,158	3,754	8,718	387	-	48,414	17,178	8,653	87,104		
IOWA	4,931	-	45,063	-	7,336	38	-	57,368	34,001	-	40,847	5,835	50,572	60,635	-	191,891		
KANSAS	2,511	19	17,701	-	24,333	454	415	45,433	18,574	22,684	3,373	-	101,805	19,080	1,427	166,944		
KENTUCKY	4,426	855	4,524	868	14,545	210	6	25,445	39,023	54,268	-	8,091	46,110	4,724	113	165,885		
LOUISIANA	4,595	58,321	5,338	-	14,686	442	593	83,976	-	19,960	18,945	-	19,355	9,453	116	67,829		
MAINE	5,266	2,931	-	-	22,597	1,191	734	32,719	13,985	-	7,390	-	15,705	5,113	699	42,891		
MARYLAND	13,837	1,614	51,502	-	20,578	58	11	87,600	37,321	45,225	26,887	-	444	3,986	7,864	121,728		
MASSACHUSETTS	59	-	37	-	21,241	581	-	21,918	6,236	2	172	-	172	674	775	16,022		
MICHIGAN	1,117	35,443	-	1,687	3,642	380	104	42,372	6,249	38,592	3,311	4,892	10,652	9,943	2,574	76,222		
MINNESOTA	3,992	-	3,636	-	19,589	4,155	1,727	33,099	19,149	-	27,282	-	49,691	19,083	8,157	123,361		
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MISSOURI	5,589	-	2,851	8,717	13,284	7,356	5,310	43,106	7,386	3,814	3,164	937	12,589	12,145	2,630	42,664		
MONTANA	2,419	39	-	4	32,158	491	482	35,593	16,094	14	41,489	-	47,159	559	854	106,168		
NEBRASKA	1,115	-	5,253	-	4,098	2,491	121	13,079	16,429	3,591	22,340	8,640	60,239	8,980	3,184	123,404		
NEVADA	7,132	12,437	-	-	2,810	2,172	461	25,012	14,478	25,244	-	-	5,705	4,408	938	50,769		
NEW HAMPSHIRE	1,747	31	398	-	873	33,334	708	37,092	5,025	1,511	1,756	-	440	2,384	560	11,676		
NEW JERSEY	1,500	7,918	-	-	5,775	-	-	15,192	9,990	47,369	-	-	23,407	-	560	81,326		
NEW MEXICO	2,284	-	-	-	66,355	3,387	3,122	75,148	7,804	-	20,150	96	51,609	765	484	80,908		
NEW YORK	1,571	-	-	-	4,474	161,813	2,109	169,967	11,356	160	17,708	861	40,803	50,028	6,381	127,297		
NORTH CAROLINA	31,423	21,986	26	38,210	502	-	4,334	96,482	55,788	45,049	5,780	32,187	11,242	6,688	1,994	158,727		
NORTH DAKOTA	1,577	-	7,279	-	5,374	37	633	14,899	3,546	-	11,676	17	13,957	2,032	757	32,026		
OHIO	3,969	-	1	-	57,245	50,764	1,048	113,026	19,458	20,638	714	4,955	71,188	29,559	5,128	151,639		
OKLAHOMA	446	-	2,940	-	6,654	1,467	841	12,350	9,351	8,180	34,540	6,572	17,825	13,617	2,334	92,419		
OREGON	3,933	63	7,640	-	9,284	2,023	2,061	25,004	14,702	139	5,992	6,853	17,485	17,460	14,306	76,937		
PENNSYLVANIA	355	34,334	27,105	10,605	86,536	33,555	3,089	195,678	27,459	68,212	38,235	14,959	18,964	47,475	4,358	219,664		
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	1,084	-	-	-	1,084	-		
SOUTH CAROLINA	10,494	2,609	-	-	18,405	9,546	2,078	43,132	13,555	673	6,908	224	15,752	20,924	1,631	59,667		
SOUTH DAKOTA	1,623	920	3,048	-	9,494	508	1,031	16,724	8,392	14,534	10,343	-	36,891	2,119	1,978	74,257		
TENNESSEE	18,790	-	3,945	-	32,288	14,052	2,644	71,719	73,737	47,765	30,124	10,191	26,535	16,978	1,242	206,572		
TEXAS	25,433	65,407	-	-	32,729	4,008	1,057	128,634	133,829	217,296	-	-	65,827	16,615	12,503	446,069		
UTAH	8,120	20,800	-	-	13,600	9,000	1,800	53,320	5,170	6,000	-	-	12,000	5,500	1,700	30,370		
VERMONT	475	-	-	-	2,990	5,085	1,586	10,136	5,740	372	2,914	-	4,549	1,819	1,039	16,432		
VIRGINIA	6,560	17,242	4,016	2	11,358	-	4,525	43,703	123,760	11,366	5,607	56,573	4,000	6,314	3,659	212,279		
WASHINGTON	3,899	2,451	355	29	3,630	1,262	1,395	13,020	40,308	15,598	36,843	4,315	33,039	17,726	9,399	157,227		
WEST VIRGINIA	1,447	-	18,860	-	4,004	9,680	194	34,185	15,187	6,992	-	824	11,634	16,712	2,811	54,160		
WISCONSIN	5,170	-	97	-	31,920	3,885	3,771	44,644	51,692	42,936	33,661	-	83,351	21,871	4,135	237,646		
WYOMING	8,248	-	7,475	-	52,683	915	2,969	72,290	8,376	10	21,301	18	14,438	1,344	2,290	47,777		
<b>TOTAL 3/ 4/</b>	<b>326,812</b>	<b>519,248</b>	<b>241,804</b>	<b>63,380</b>	<b>956,895</b>	<b>431,017</b>	<b>119,082</b>	<b>2,658,237</b>	<b>1,331,964</b>	<b>1,215,691</b>	<b>556,314</b>	<b>314,017</b>	<b>1,328,371</b>	<b>876,056</b>	<b>250,866</b>	<b>5,873,277</b>		
<b>PERCENT/SYSTEM 3/</b>	<b>12.3</b>	<b>19.5</b>	<b>9.1</b>	<b>2.4</b>	<b>36.0</b>	<b>16.2</b>	<b>4.5</b>	<b>100.0</b>	<b>22.7</b>	<b>20.7</b>	<b>9.5</b>	<b>5.3</b>	<b>22.6</b>	<b>14.9</b>	<b>4.3</b>	<b>100.0</b>		
<b>PERCENT FEDERAL-AID PLUS STATE MATCHING FUNDS 3/</b>	<b>86.4</b>	<b>97.5</b>	<b>88.2</b>	<b>97.6</b>	<b>72.7</b>	<b>48.7</b>	<b>88.8</b>	<b>78.1</b>	<b>47.6</b>	<b>70.0</b>	<b>61.2</b>	<b>52.7</b>	<b>54.4</b>	<b>79.4</b>	<b>57.4</b>	<b>60.5</b>		

# STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1990<sup>1</sup>

## FOR ARTERIAL SYSTEMS IN URBAN AREAS

### CLASSIFIED BY IMPROVEMENT TYPES

TABLE SF-12A  
SHEET 2 OF 3  
OCTOBER 1991

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

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	16,650	81,032	372	5,460	18,142	7,110	2,786	131,552	9,430	7,057	-	5,726	2,331	30,969	7,130	62,642
ALASKA	1,378	315	2,270	-	930	-	11	4,904	6,617	18,627	22,234	-	1,724	69	1,906	51,177
ARIZONA	20,004	28,697	28,005	159	13,120	86	6,643	96,713	357,194	177,202	561	390	8,542	2,832	3,309	550,031
ARKANSAS	8	-	-	-	2,604	1,266	164	4,041	735	3,899	2,865	7,522	2,282	9,973	1,803	29,079
CALIFORNIA	253,302	160,828	-	-	21,177	60,992	35,120	531,419	407,685	373,974	-	-	29,203	33,567	58,527	902,956
COLORADO	18,816	1,272	-	-	12,351	25,551	3,030	25,551	72,005	10,854	8,517	4,707	14,426	5,378	8,629	81,169
CONNECTICUT	64,807	4,630	3,524	7,361	118,718	29,052	68,615	307,023	84,223	20,752	28,837	10,938	59,407	145,455	15,255	364,866
DELAWARE	-	-	205	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	6,004	6,569	352	-	8,216	15,344	292	36,777	6,324	-	6,676	-	14,111	4,789	1,347	33,247
FLORIDA	23,377	40,757	-	-	2,766	2,927	206	70,033	88,345	74,608	58,365	-	12,898	46,078	9,995	290,291
GEORGIA	28,799	47	40,218	49,499	444	101	9,640	128,748	64,484	36,723	56,606	64,125	5,643	61,680	3,758	293,019
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	628	464	-	-	1,537	-	1,134	3,763	1,101	-	5,294	-	22	2,035	1,450	9,903
ILLINOIS	33,191	119,638	5,478	-	39,247	96,626	16,845	311,025	96,862	34,901	15,864	37,509	53,234	107,800	67,934	414,104
INDIANA	1,778	-	-	-	58,564	28,108	1,273	89,723	45,580	39,093	14,260	48,495	43,211	79,090	14,235	283,964
IOWA	712	-	5,129	-	835	436	-	7,112	3,362	-	28,397	4,057	35,158	-	-	70,973
KANSAS	5,198	1,282	38,351	11	4,420	3,360	90	52,712	6,545	-	14,879	143	1,977	9,276	3,109	35,928
KENTUCKY	7,820	3,472	32,607	3,403	10,524	2,219	15	65,365	14,417	4,100	6,532	-	9,337	4,372	558	84,962
LOUISIANA	-	96,314	2,679	-	11,643	5,961	768	117,365	31	19,037	15,259	4,456	24,718	21,614	7,188	92,312
MAINE	319	-	-	-	-	758	821	1,897	10,320	-	1,917	-	7,454	5,457	1,272	26,420
MARYLAND	44,088	78,723	155,134	-	4,914	14,943	11,272	309,074	40,234	144,100	26,414	-	1,494	4,174	885	217,302
MASSACHUSETTS	112,879	50,945	43	-	7,270	40,606	901	212,644	25,170	208	4,968	-	4,535	31,831	7,558	74,269
MICHIGAN	4,189	209,362	53,651	864	3,202	42,924	2,224	316,418	2,970	-	1,024	32,215	5,974	2,716	2,817	47,717
MINNESOTA	36,469	153,723	14,654	-	17,089	2,559	10,570	235,064	22,480	8,060	64,286	-	13,252	10,839	7,304	126,222
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	9,456	273	10,054	7,584	8,675	5,696	1,546	43,285	30,690	37,661	23,466	13,836	5,938	31,088	4,171	146,851
MONTANA	428	-	-	-	2,379	-	35	2,842	995	-	-	-	5,418	165	6,578	6,578
NEBRASKA	4,954	461	14,230	-	-	5,590	40	25,276	7,223	7,211	6,236	3,039	303	71	521	24,605
NEVADA	553	948	-	-	214	165	35	1,916	2,727	4,755	-	-	1,075	830	176	9,564
NEW HAMPSHIRE	2,390	157	77	-	1,527	1,671	51	5,391	10,464	11	82	-	1,281	9,261	2,741	24,744
NEW JERSEY	27,274	110,365	204,482	59	5,174	27,935	9,105	384,335	20,428	94,632	28,429	2,560	37,614	34,371	3,038	221,073
NEW MEXICO	1,730	-	1,851	-	10,736	343	14,660	1,253	4,594	-	-	-	2,820	4,275	281	13,224
NEW YORK	12,700	103,591	45,176	-	20,468	268,418	5,098	455,452	97,579	46,382	120,536	7,030	57,452	259,581	40,642	629,202
NORTH CAROLINA	1,910	26,641	-	-	860	-	122	29,533	51,033	48,110	1,479	16,888	30,006	1,772	8,494	157,782
NORTH DAKOTA	738	-	4,653	-	-	1,139	249	6,779	1,348	41	3,858	91	1,776	1,458	688	9,260
OHIO	18,339	5,777	11,158	3,989	92,123	38,064	9,018	178,469	32,580	11,773	2,943	28,397	35,659	47,892	11,553	170,798
OKLAHOMA	35,865	107,177	13,443	7,179	11,202	1,713	1,349	177,927	15,538	20,239	7,460	585	5,225	3,939	3,374	56,361
OREGON	32,927	5	13,012	23,844	12,774	8,879	1,576	93,018	14,532	8,710	4,194	386	19,539	143	3,727	51,231
PENNSYLVANIA	22,376	97,122	76,673	29,998	38,029	99,011	8,739	371,948	77,935	90,387	71,355	27,910	35,392	88,600	8,133	399,711
RHODE ISLAND	-	-	-	-	89	200	441	730	-	1,563	3,255	-	632	3,745	2,933	12,127
SOUTH CAROLINA	11,951	10,931	319	195	10,841	9,338	5,398	48,972	14,329	8,633	14,000	360	10,564	51,139	2,865	101,890
SOUTH DAKOTA	-	143	-	-	187	1,873	182	2,198	2,295	1,131	-	-	1,225	1,225	-	1,225
TENNESSEE	29,651	2,465	19,606	26,784	6,463	3,634	305	88,908	27,872	16,233	18,419	11,434	5,424	7,790	632	87,804
TEXAS	49,295	241,430	-	-	25,135	19,865	8,126	343,850	163,275	397,813	-	-	69,038	8,203	7,854	646,184
UTAH	5,530	11,000	-	-	8,300	6,000	2,500	33,330	10,350	21,000	-	-	7,200	7,000	3,000	48,550
VERMONT	3	156	-	-	-	2,554	-	2,714	3,550	3,742	2,471	-	2,152	317	12,232	12,232
VIRGINIA	25,558	34,587	75,533	6,903	80	439	2,912	146,011	126,416	85,319	57,208	40,023	16,304	12,801	6,615	344,686
WASHINGTON	35,478	809	15,595	149,407	1,194	4,257	26,439	233,180	19,030	5,223	13,265	3,517	28,886	3,601	3,681	77,403
WEST VIRGINIA	1,047	-	-	-	545	7,462	115	9,169	6,393	2,958	1,023	4,865	5,268	18,370	1,720	40,597
WISCONSIN	2,957	-	2,585	-	441	3,917	1,076	10,976	20,199	34,691	30,798	-	9,622	11,825	5,627	112,762
WYOMING	1,021	-	6,744	-	-	1,142	557	9,464	3,747	2	4,456	581	727	571	977	11,061
TOTAL 3/ 4/	1,014,690	1,791,804	898,019	441,417	527,169	942,681	210,159	5,825,940	2,084,550	1,929,931	808,864	389,221	746,717	1,228,542	351,129	7,538,960
PERCENT/SYSTEM 3/	17.4	30.8	15.4	7.6	9.0	16.2	3.6	100.0	27.7	25.6	10.7	5.2	9.9	16.3	4.7	100.0
PERCENT FEDERAL-AID PLUS STATE MATCHING FUNDS 3/	88.6	87.3	71.4	98.4	86.3	68.1	88.3	82.8	48.6	68.7	71.9	64.2	59.9	81.6	67.1	64.4

# STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1990<sup>1</sup>

## FOR RURAL AND URBAN COLLECTORS

### CLASSIFIED BY IMPROVEMENT TYPES

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-12A  
SHEET 3 OF 3  
OCTOBER 1991

STATE	RURAL COLLECTORS								URBAN COLLECTORS							
	ROW AND ENGINEERING	CONSTRUCTION 2/						TOTAL	ROW AND ENGINEERING	CONSTRUCTION 2/						TOTAL
		NEW CONSTRUCTION	RECONSTRUCTION	MAJOR WIDENING	3R	BRIDGE WORK	SAFETY AND OTHER			NEW CONSTRUCTION	RECONSTRUCTION	MAJOR WIDENING	3R	BRIDGE WORK	SAFETY AND OTHER	
ALABAMA	979	34	-	904	6,465	2,263	1,897	12,542	-	-	-	-	-	-	-	-
ALASKA	5,424	10	7,998	-	8,536	5,396	727	28,092	1,801	14,313	4,378	-	190	-	306	20,989
ARIZONA	3,407	18	8,007	229	6,124	2,339	619	20,742	1,127	49	556	-	170	2,972	5,356	
ARKANSAS	1,474	15,897	8,523	997	6,275	12,000	97	45,263	359	-	24	-	-	-	382	
CALIFORNIA	9,012	1,412	-	-	3,761	2,195	6,955	23,337	25	-	-	-	34	16	26,974	27,048
COLORADO	7,855	-	4,834	37	9,234	8,508	465	30,934	234	219	-	3	1,554	-	2,012	2,012
CONNECTICUT	4,866	8	3,058	-	988	9,285	404	18,600	5,222	116	6,353	-	-	11,800	1,056	24,547
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	-	-	-	2,152	-	1,548	-	2,524	49	2,038	8,411
FLORIDA	2,962	1,871	-	-	136	5,199	161	10,328	-	-	-	-	-	-	-	-
GEORGIA	17,371	25,561	2,342	1,689	11,779	13,492	4,763	76,997	1,394	-	-	4,380	-	23	411	6,207
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	2,910	23	4,741	2	5,132	3,551	1,022	17,381	1,623	1,446	954	-	5	119	1,919	5,487
ILLINOIS	6,168	255	148	943	12,984	32,893	323	53,514	6,477	-	-	-	2,682	3,737	643	13,539
INDIANA	4,002	-	-	-	19,831	16,978	15,152	55,963	47	-	2,282	-	-	-	975	3,304
IOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	3,281	751	6,440	-	11,417	7,418	2,404	31,711	1,062	-	3,345	-	-	362	2,646	12,872
KENTUCKY	19,118	21,010	5,644	3,929	40,194	4,015	501	94,411	9,788	2,030	1,914	62	1,078	921	125	15,918
LOUISIANA	-	8,793	28,768	-	43,475	30,525	347	111,508	-	2,177	1,665	-	1,366	-	1,804	7,013
MAINE	5,417	10	7,784	-	4,688	8,017	906	26,822	368	693	610	-	37	128	353	2,389
MARYLAND	10,831	10,629	179	-	13	8,574	286	30,512	93	4,387	-	-	1	-	2	4,483
MASSACHUSETTS	2,376	5,876	-	-	1,447	3,245	1,283	14,227	1,428	-	625	-	75	2,210	134	4,472
MICHIGAN	17	1,094	1	-	583	400	24	2,119	-	-	-	-	-	-	-	-
MINNESOTA	1,149	-	-	-	7,165	761	-	9,074	-	-	-	-	-	-	-	-
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	7,195	-	6,176	2,027	25,897	9,344	1,905	52,544	839	202	1,174	351	1,883	40	475	4,964
MONTANA	4,118	27	8,821	-	2,941	500	457	16,864	-	-	-	-	-	-	-	-
NEBRASKA	2,957	763	5,920	-	22,566	1,356	212	33,574	187	-	-	-	-	-	-	187
NEVADA	22,158	38,153	-	-	8,735	6,749	1,432	77,227	217	379	-	-	-	86	66	14
NEW HAMPSHIRE	1,483	-	1,970	-	450	1,450	59	5,412	32	-	-	-	-	2	48	82
NEW JERSEY	3,547	-	-	-	-	-	125	3,672	-	-	-	-	-	-	-	-
NEW MEXICO	11,726	8,388	3,662	-	19,876	5,046	2,231	50,930	161	-	-	-	98	128	88	475
NEW YORK	9,127	-	6,702	-	30,932	3,496	3,496	85,925	2,944	-	6,184	422	3,573	3,148	1,530	17,800
NORTH CAROLINA	46,780	47,702	3,684	6,121	27,033	5,377	2,407	139,104	2,004	972	194	2,092	1,437	87	156	6,941
NORTH DAKOTA	2,474	214	7,099	-	10,952	3,899	459	25,098	153	-	294	-	201	322	280	1,250
OHIO	15,241	4,268	2,857	-	51,055	31,907	3,775	109,103	2,378	-	1,009	653	13,108	6,983	3,554	27,685
OKLAHOMA	9,558	2,154	9,320	4,261	14,002	11,451	2,538	53,304	884	-	445	442	222	513	39	2,544
OREGON	5,477	235	652	170	4,051	22,899	500	33,993	2,737	428	847	184	54	73	4	4,324
PENNSYLVANIA	14,650	6,336	5,002	1,957	2,481	6,211	570	37,206	10,659	8,790	6,940	2,715	3,442	8,617	791	41,954
RHODE ISLAND	-	-	68	-	51	51	-	119	-	-	172	-	-	-	1,635	1,807
SOUTH CAROLINA	6,993	340	6,656	273	8,431	2,703	543	25,939	1,333	54	1,473	-	933	3,621	195	7,770
SOUTH DAKOTA	4,418	12,321	967	-	12,557	4,525	1,883	36,671	279	3,361	-	-	10	-	4	3,654
TENNESSEE	19,501	3,971	5,477	1,962	18,853	5,063	1,044	55,981	4,539	684	2,721	3,947	3,512	890	1,316	17,669
TEXAS	108,144	68,937	-	-	36,241	5,336	8,646	227,393	27,770	581	-	-	714	-	516	4,581
UTAH	3,720	9,200	-	-	5,600	3,000	1,600	23,120	1,010	-	-	-	-	3,600	1,000	7,398
VERMONT	1,742	-	3,286	-	1,589	2,142	272	9,031	393	-	605	-	863	95	241	2,197
VIRGINIA	29,116	7,168	17,652	12,935	3,523	9,002	2,703	82,189	4,565	1,126	1,714	1,539	3,334	1,286	307	13,870
WASHINGTON	4,480	4	1,534	-	4,922	921	503	12,364	347	-	-	30	1,103	42	60	1,581
WEST VIRGINIA	3,736	10,253	-	520	22,151	20,991	5,275	62,926	5	-	-	-	519	-	77	601
WISCONSIN	5,076	-	5,971	-	9,176	6,229	1,075	27,527	396	-	3,473	-	269	587	112	4,818
WYOMING	7,763	2,846	13,924	-	11,133	7,914	846	44,426	982	3	25	-	-	301	270	1,581
<b>TOTAL 3/ 4/</b>	<b>459,889</b>	<b>310,656</b>	<b>211,753</b>	<b>38,975</b>	<b>554,674</b>	<b>397,060</b>	<b>82,943</b>	<b>2,045,949</b>	<b>73,074</b>	<b>42,210</b>	<b>50,776</b>	<b>17,642</b>	<b>47,618</b>	<b>56,747</b>	<b>52,837</b>	<b>340,904</b>
PERCENT/SYSTEM 3/	22.5	15.2	10.3	1.9	27.1	18.9	4.1	100.0	21.4	12.4	14.9	5.2	14.0	16.6	15.5	100.0
PERCENT FEDERAL-AID PLUS STATE MATCHING FUNDS 3/	42.0	40.4	59.7	37.8	29.8	57.7	51.6	43.6	61.1	80.0	79.6	53.3	66.8	50.2	35.3	60.8

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

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

## STATE OBLIGATIONS FOR HIGHWAYS - 1990

### OBLIGATIONS ISSUED OR ASSUMED DURING YEAR<sup>1</sup>

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

TABLE SB-1  
OCTOBER 1991

(THOUSANDS OF DOLLARS)

STATE	OBLIGATION <sup>2/</sup>	DATED <sup>3/</sup>	GROSS PROCEEDS OF SALES				POSTED INTEREST RATE <sup>5/</sup>	SOURCE OF FUNDS FOR DEBT SERVICE <sup>6/</sup>
			PAR VALUE	PREMIUM OR DISCOUNT	ACCRUED INTEREST	GROSS PROCEEDS		
ALABAMA	ALABAMA HIGHWAY AUTHORITY BONDS SERIES 1990	9-25-90	7,000	-	29	7,029	6.1-6.36	STATE HIGHWAY FUNDS
	ALABAMA CAPITAL IMPROVEMENT BONDS - 1990	12-01-90	5,285	-	24	5,289	6.26	STATE HIGHWAY FUNDS
	TOTAL		12,285	-	53	12,318		
ARIZONA	TRANSPORTATION EXCISE TAX REVENUE BONDS - 1989 SERIES	8-01-89	360,000	(2,658)	2,912	360,254	6.707	SALES TAX
CONNECTICUT	TRANSPORTATION IMPROVEMENTS - SERIES A	8-01-89	1,000	-	4	1,004	6.4	HIGHWAY - USER REVENUE*
	TRANSPORTATION IMPROVEMENTS - SERIES B	3-15-90	2,530	-	7	2,537	7.75	HIGHWAY - USER REVENUE*
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1989B	7-01-89	178,653	(5,094)	342	173,901	6.2-7.5	HIGHWAY - USER REVENUE*
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1989C	12-15-89	200,000	(2,906)	480	197,574	5.95-6.85	HIGHWAY - USER REVENUE*
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1990A	6-01-90	250,000	(1,349)	1,022	249,652	6.1-6	HIGHWAY - USER REVENUE*
TOTAL		632,183	(9,342)	1,855	624,595			
DELAWARE	SENIOR REVENUE BONDS - 1990 SERIES	8-01-90	130,000	-	717	127,807	5.9-7.3	REGISTRATION, LICENSE, AND TITLE FEES
DIST. OF COL.	GENERAL REVENUE BONDS - SERIES 1990A	5-01-90	24,250	-	-	24,250	6.3-7.25	GENERAL REVENUE*
	GENERAL REVENUE BONDS - SERIES 1990B	8-01-90	30,448	-	-	30,448	6.2-7.2	GENERAL REVENUE*
	TOTAL		54,708	-	-	54,708		
FLORIDA	ORLANDO-ORANGE COUNTY EXPRESSWAY JUNIOR REVENUE SERIES 1990	12-01-90	385,000	(12,159)	1,865	374,706	6.2-8.25	TOLLS, MOTOR FUEL TAX
HAWAII	GENERAL OBLIGATION BONDS - SERIES BR	6-01-90	29,940	-	-	29,940	6.25-8	GENERAL REVENUE*
ILLINOIS	TRANSPORTATION BOND SERIES A - 1990	6-01-90	60,000	(536)	-	59,464	6-6.75	HIGHWAY - USER REVENUE
	TRANSPORTATION BOND SERIES A - 1990	11-01-90	65,000	(1,212)	-	63,788	5.9-7.2	HIGHWAY - USER REVENUE
	TOTAL		125,000	(1,750)	-	123,250		
INDIANA	HIGHWAY REVENUE SERIES 1990A	6-01-90	72,498	(464)	-	72,034	6.2-7.25	HIGHWAY - USER REVENUE
KANSAS	KANSAS TURNPIKE REVENUE BONDS - SERIES 1980	11-01-90	28,425	-	-	28,425	6.25-8.0	TOLLS
MARYLAND	COUNTY TRANSPORTATION BONDS, THIRTEENTH SERIES - 1990	12-01-90	16,550	(166)	35	16,419	5.56-6.625	HIGHWAY - USER REVENUE
	TRANSPORTATION FACILITIES PROJECT REVENUE - SERIES 1989	7-15-89	55,000	(14)	-	54,986	6.1-6.3	TOLLS
	TOTAL		71,550	(180)	35	71,405		
MASSACHUSETTS	HIGHWAY IMPROVEMENT LOAN ACT OF 1972	6-01-90	1,136	-	-	1,136	6.3-6.5	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1977	3-90 TO 6-90	930	-	-	930	6.3-6.7	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1979	3-90 TO 6-90	1,809	-	-	1,809	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1981	3-90 TO 6-90	3,030	-	-	3,030	6.2-7.3	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1982	3-90 TO 6-90	199	-	-	199	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1983	3-90 TO 6-90	8,714	-	-	8,714	6.3-6.9	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1983	6-01-90	125	-	-	125	6.3-6.5	HIGHWAY - USER REVENUE*
	PUBLIC WORKS GARAGE LOAN ACT OF 1983	3-01-90	5	-	-	5	6.4-6.75	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1985	3-90 TO 6-90	15,289	-	-	15,289	6.3-6.9	HIGHWAY - USER REVENUE*
	HEAVY MAINTENANCE FLEET EQUIPMENT LOAN ACT OF 1985	6-01-90	1,494	-	-	1,494	6.3	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1987	6-01-90	58	-	-	58	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1987	3-90 TO 6-90	1,239	-	-	1,239	6.3-7.0	HIGHWAY - USER REVENUE*
	HIGHWAY IMPROVEMENT LOAN ACT OF 1988	3-90 TO 6-90	74,600	-	-	74,600	6.3-9.25	HIGHWAY - USER REVENUE*
	HIGHWAY MAINTENANCE AND BRIDGE PAINTING LOAN ACT OF 1988	6-01-90	617	-	-	617	6.3-6.5	HIGHWAY - USER REVENUE*
	TOWN AND COUNTY WAYS IMPROVEMENT ACT OF 1988	3-90 TO 6-90	13,952	-	-	13,952	6.3-7.25	HIGHWAY - USER REVENUE*
TUNNEL REVENUE BONDS - SERIES 1990	10-01-9-0	47,000	(3,267)	-	43,733	9.0	TOLLS	
TOTAL		170,177	(3,267)	-	166,910			
MINNESOTA	STATE TRANSPORTATION BONDS, LAWS OF 1967	7-01-90	300	-	1	301	6.6-7.0	GENERAL REVENUE*
	STATE TRANSPORTATION BONDS, LAWS OF 1969	7-01-90	4,000	1	12	4,013	6.8-7.0	GENERAL REVENUE*
	STATE TRANSPORTATION BONDS, LAWS OF 1990	7-01-90	800	-	2	802	6.6-7.0	GENERAL REVENUE*
	TOTAL		5,100	1	15	5,116		
NEW HAMPSHIRE	TURNPIKE REVENUE BONDS - SERIES 1990	4-01-90	100,000	(2,158)	-	97,842	6.0-7.3	TOLLS
NEW JERSEY	BRIDGE REHABILITATION AND RAILROAD RIGHT OF WAY BONDS - SERIES A	4-01-90	10,000	-	-	10,000	7.0-7.1	GENERAL REVENUE*
NEW YORK	TRANSPORTATION INFRASTRUCTURE RENEWAL BONDS - 1990	3-90 TO 11-90	252,000	-	-	252,000	6.2-9.5	GENERAL REVENUE*
	TRANSPORTATION IMPROVEMENT BONDS - 1990	3-90 TO 11-90	298,300	-	-	298,300	6.2-9.5	GENERAL REVENUE*
	EMERGENCY HIGHWAY CONSTRUCTION - SERIES 1990A	12-01-90	29,825	(490)	-	29,345	6.2-6.6	MOTOR - FUEL TAX*
	EMERGENCY HIGHWAY PRESERVATION - SERIES 1990A	12-01-90	43,020	(695)	-	42,335	6.2-6.6	MOTOR - FUEL TAX*
	TOTAL		623,145	(1,185)	-	621,960		
OHIO	HIGHWAY OBLIGATION CONSTRUCTION BONDS - SERIES P	6-15-90	75,000	-	458	75,458	6.1-8.0	HIGHWAY - USER REVENUE*
PENNSYLVANIA	GENERAL OBLIGATION BONDS (BRIDGES), 1ST SERIES A - 1990	5-01-90	22,000	(251)	87	21,836	6.5	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS (HIGHWAY), 1ST SERIES A - 1990	5-01-90	8,000	(91)	32	7,941	6.5	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS (AC), 1ST SERIES B - 1990	5-01-90	34,000	(389)	129	33,740	6.4	GENERAL REVENUE*
	TOTAL		64,000	(731)	248	63,517		
RHODE ISLAND	GENERAL OBLIGATION BONDS - SERIES 1983 E	8-01-90	3,007	-	-	3,007	6.7-7.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1986 D	8-01-90	15,506	-	-	15,506	6.7-7.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1988 A	8-01-90	20,730	-	-	20,730	6.7-7.6	GENERAL REVENUE*
	GENERAL OBLIGATION BONDS - SERIES 1989 A	8-01-90	250	-	-	250	6.7-7.6	GENERAL REVENUE*
TOTAL		39,493	-	-	39,493			
TEXAS	DALLAS NORTH TOLLWAY REVENUE BONDS - SERIES 1990	5-15-90	133,070	(7,216)	-	125,852	6.0-7.25	TOLLS
VERMONT	HIGHWAY CONSTRUCTION BONDS	12-1-90	2,600	-	-	2,600	6.473	HIGHWAY - USER REVENUE
WASHINGTON	HIGHWAY CONSTRUCTION BONDS SERIES III-F	8-01-90	10,000	(195)	11	9,816	6.0-6.75	MOTOR - FUEL TAX*
WEST VIRGINIA	TURNPIKE REVENUE BONDS - SERIES 1989	10-15-89	98,457	(4,800)	-	93,657	6.0-7.2	TOLLS*
	TURNPIKE REVENUE (REFUNDING) BONDS - SERIES 1989	10-15-89	44,543	-	-	44,543	6.0-7.2	TOLLS*
TOTAL		143,000	(4,850)	-	138,150			
<b>TOTAL</b>		<b>3,277,154</b>	<b>(49,045)</b>	<b>8,179</b>	<b>3,236,287</b>			

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

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

**STATE OBLIGATIONS FOR HIGHWAYS – 1990**  
**CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>**

TABLE SB-2  
 SHEET 1 OF 2  
 OCTOBER 1991

COMPILED FROM REPORTS  
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

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

**STATE OBLIGATIONS FOR HIGHWAYS – 1990**  
**CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>**

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

TABLE SB-2  
SHEET 2 OF 2  
OCTOBER 1991

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

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

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

ISSUES SUMMARIZED ON SHEET 2.

3/ SEE TABLE SB-1 FOR ADDITIONAL INFORMATION.

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

**STATE OBLIGATIONS FOR HIGHWAYS – 1990**  
**RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE<sup>1</sup>**

TABLE SB-3  
 SHEET 1 OF 2  
 OCTOBER 1991

COMPILED FROM REPORTS  
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS 2/	BALANCE IN SINKING FUND OR DEBT RESERVE BEGINNING OF YEAR	RECEIPTS APPLICABLE TO DEBT SERVICE						DISBURSEMENTS						BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR	
			HIGHWAY- USER REVENUES	TOLLS	PROCEEDS OF SALE OF BONDS	NET EARNINGS FROM INVEST- MENTS	MISCEL- LANEOUS INCOME	TOTAL RECEIPTS	INTEREST	ADMINIS- TRATION, PAYING AGENT FEES ETC.	TOTAL INTEREST AND ADMINIS- TRATION	REDEMPTIONS				TOTAL DIS- BURSE- MENTS
												PAR VALUE	PREMIUM OR DISCOUNT	TOTAL		
ALABAMA	STATE HIGHWAY BONDS	-	27,348	-	-	-	-	27,348	5,630	303	5,933	21,415	-	21,415	27,348	-
ALASKA	STATE HIGHWAY BONDS	-	-	-	-	-	20,500	20,500	3,852	-	3,852	16,648	-	16,648	20,500	-
	TOLL FACILITY BONDS	-	-	-	-	-	4,940	4,940	872	-	872	4,068	-	4,068	4,940	-
	STATE ISSUES FOR LOCAL ROADS	-	-	-	-	-	3,511	3,511	563	-	563	2,948	-	2,948	3,511	-
	TOTAL	-	-	-	-	-	28,951	28,951	5,287	-	5,287	23,664	-	23,664	28,951	-
ARIZONA	STATE HIGHWAY BONDS	14,943	150,237	-	9,293	-	-	159,530	79,744	9,328	89,072	57,825	1	57,826	148,898	27,575
CALIFORNIA	TOLL FACILITY BONDS	4,385	-	9,982	-	186	-	10,168	6,080	27	6,107	3,880	(1)	3,659	9,766	4,787
CONNECTICUT	STATE HIGHWAY BONDS	-	201,408	-	1,856	-	-	203,264	124,495	401	124,896	67,280	11,088	78,368	203,264	-
DELAWARE	STATE HIGHWAY BONDS	-	49,517	-	8,397	-	-	57,914	30,365	9	30,374	28,070	1,470	27,540	57,914	-
	TOLL FACILITY BONDS	7,361	-	3,805	-	579	-	4,384	1,998	-	1,998	4,515	(472)	4,043	6,041	5,704
	TOTAL	7,361	49,517	3,805	8,397	579	-	62,298	32,363	9	32,372	30,585	998	31,583	63,955	5,704
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	-	38,583	-	-	-	3/ 78,995	117,578	75,867	1,527	77,394	40,185	(1)	40,184	117,578	-
FLORIDA	STATE HIGHWAY BONDS	-	17,415	-	-	-	-	17,415	8,146	-	8,146	9,268	-	9,268	17,415	-
	TOLL FACILITY BONDS	235,555	9,048	55,950	11,788	42,809	-	119,595	87,397	11,864	99,261	18,483	(2)	18,481	117,742	237,408
	TOTAL	235,555	26,463	55,950	11,788	42,809	-	137,010	95,543	11,864	107,407	27,752	(2)	27,750	135,157	237,408
GEORGIA	STATE HIGHWAY BONDS	-	-	-	-	-	3/ 120,041	120,041	40,968	-	40,968	79,073	-	79,073	120,041	-
HAWAII	STATE HIGHWAY BONDS	-	-	-	-	-	3/ 23,680	23,680	10,765	-	10,765	12,915	-	12,915	23,680	-
ILLINOIS	STATE HIGHWAY BONDS	-	150,053	-	-	-	-	150,053	71,445	-	71,445	77,986	622	78,608	150,053	-
	TOLL FACILITY BONDS	79,319	-	2,932	-	-	-	2,932	42,100	-	42,100	4,285	-	4,285	46,385	35,866
	TOTAL	79,319	150,053	2,932	-	-	-	152,985	113,545	-	113,545	82,271	622	82,893	196,438	35,866
INDIANA	STATE HIGHWAY BONDS	25,104	-	-	-	8,798	1,375	10,171	11,808	329	12,137	25	-	25	12,162	23,113
	TOLL FACILITY BONDS	26,344	-	20,019	-	2,977	-	22,996	21,298	-	21,298	1,835	-	1,835	23,133	28,207
	TOTAL	51,448	-	20,019	-	11,773	1,375	33,167	33,106	329	33,435	1,860	-	1,860	35,295	49,320
KANSAS	STATE HIGHWAY BONDS	51,318	13,925	-	-	4,444	-	18,369	9,843	23	9,866	11,210	1	11,211	21,077	48,810
	TOLL FACILITY BONDS	13,800	-	4,104	-	-	-	4,104	8,000	-	8,000	1,570	(1)	1,569	9,569	8,335
	TOTAL	65,118	13,925	4,104	-	4,444	-	22,473	17,843	23	17,866	12,780	-	12,780	30,646	56,945
KENTUCKY	STATE HIGHWAY BONDS	198,517	83,573	-	-	10,047	-	93,620	70,571	300	70,871	39,840	-	39,840	110,711	181,426
	TOLL FACILITY BONDS	52,629	35,128	2,107	-	3,356	142	40,733	21,809	105	21,914	16,645	(52)	16,593	38,507	54,855
	TOTAL	251,146	118,701	2,107	-	13,403	142	134,353	92,380	405	92,785	56,485	(52)	56,433	149,218	236,281
LOUISIANA	STATE HIGHWAY BONDS	-	106,082	-	-	-	-	106,082	61,190	-	61,190	44,892	-	44,892	106,082	-
	TOLL FACILITY BONDS	18,810	1,059	3,286	-	727	1	5,073	877	22	899	4,429	(264)	4,165	5,084	18,819
	STATE ISSUES FOR LOCAL ROADS	-	1,438	-	-	-	-	1,438	803	-	803	635	-	635	1,438	-
	TOTAL	18,810	108,579	3,286	-	727	1	112,593	62,870	22	62,892	49,956	(264)	49,692	112,584	18,819
MAINE	STATE HIGHWAY BONDS	-	17,962	-	-	-	-	17,962	6,722	-	6,722	11,240	-	11,240	17,962	-
MARYLAND	TOLL FACILITY BONDS	31,344	-	20,843	-	1,814	-	22,657	28,682	-	28,682	4,165	-	4,165	32,847	21,154
	STATE ISSUES FOR LOCAL ROADS	30,922	21,678	-	88	3,056	-	24,822	11,583	54	11,647	12,875	-	12,875	24,522	31,222
	TOTAL	62,266	21,678	20,843	88	4,870	-	47,479	40,275	54	40,329	17,040	-	17,040	57,369	52,376
MASSACHUSETTS	STATE HIGHWAY BONDS	-	203,755	-	-	168	-	203,923	88,525	915	89,440	114,483	-	114,483	203,923	-
	TOLL FACILITY BONDS	22,811	-	28,700	-	5,680	-	38,616	9,470	19	9,489	28,323	(827)	27,496	36,985	24,242
	STATE ISSUES FOR LOCAL ROADS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	22,811	203,755	28,700	-	5,680	-	242,539	97,995	934	98,929	142,806	(827)	141,979	240,908	24,242
MICHIGAN	STATE HIGHWAY BONDS	21	8,646	-	-	8,190	25	16,861	12,264	16	12,280	4,581	-	4,581	16,861	21
	TOLL FACILITY BONDS	1,039	-	1,075	-	15	-	1,090	1,122	-	1,122	-	-	-	1,122	1,007
	STATE ISSUES FOR LOCAL ROADS	-	12,240	-	-	-	-	12,240	5,748	7	5,755	6,485	-	6,485	12,240	-
	TOTAL	1,060	20,886	1,075	-	8,205	25	30,191	19,134	23	19,157	11,066	-	11,066	30,223	1,028
MINNESOTA	STATE HIGHWAY BONDS	38,013	8,932	-	18	911	3/ 9,448	19,305	9,316	-	9,316	13,637	-	13,637	22,953	34,365
MISSISSIPPI	STATE HIGHWAY BONDS	105,644	40,446	-	-	3,782	-	44,228	13,303	182	13,485	14,200	-	14,200	27,685	122,187
	STATE ISSUES FOR LOCAL ROADS	2,200	-	-	-	-	-	5,499	1,954	5	1,959	3,598	-	3,598	5,557	2,142
	TOTAL	107,844	40,446	-	-	3,782	4/ 5,499	49,727	15,257	187	15,444	17,798	-	17,798	33,242	124,329
MONTANA	STATE HIGHWAY BONDS	-	10,015	-	-	26	-	10,041	10,041	-	10,041	-	-	-	10,041	-

**STATE OBLIGATIONS FOR HIGHWAYS - 1990**  
**RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE<sup>1</sup>**

TABLE SB-3  
 SHEET 2 OF 2  
 OCTOBER 1991

COMPILED FROM REPORTS  
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS 2/	BALANCE IN SINKING FUND OR DEBT RESERVE BEGINNING OF YEAR	RECEIPTS APPLICABLE TO DEBT SERVICE						DISBURSEMENTS						BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR	
			HIGHWAY- USER REVENUES	TOLLS	PROCEEDS OF SALE OF BONDS	NET EARNINGS FROM INVEST- MENTS	MISCEL- LANEOUS INCOME	TOTAL RECEIPTS	INTEREST	ADMINIS- TRATION, PAYING AGENT FEES ETC.	TOTAL INTEREST AND ADMINIS- TRATION	REDEMPTIONS				TOTAL DIS- BURSE- MENTS
												PAR VALUE	PREMIUM OR DISCOUNT	TOTAL		
NEVADA	STATE HIGHWAY BONDS	-	16,766	-	-	-	-	18,768	3,008	-	3,008	15,760	-	15,760	18,768	-
NEW HAMPSHIRE	STATE HIGHWAY BONDS	-	9,939	-	-	-	-	9,939	2,935	-	2,935	7,004	-	7,004	9,939	-
	TOLL FACILITY BONDS	-	-	17,388	-	-	-	17,388	12,713	-	12,713	4,675	-	4,675	17,388	-
	TOTAL	-	9,939	17,388	-	-	-	27,327	15,648	-	15,648	11,679	-	11,679	27,327	-
NEW JERSEY	STATE HIGHWAY BONDS	-	121,171	-	-	-	-	121,171	49,815	-	49,815	71,356	-	71,356	121,171	-
	TOLL FACILITY BONDS	387,221	-	239,489	-	25,398	-	264,887	240,089	71	240,160	15,460	(163)	15,297	255,457	396,651
	STATE ISSUES FOR LOCAL ROADS	-	7,754	-	-	-	-	7,754	2,646	-	2,646	5,108	-	5,108	7,754	-
	TOTAL	387,221	128,925	239,489	-	25,398	-	393,812	292,550	71	292,621	91,924	(163)	91,761	384,382	396,651
NEW MEXICO	STATE HIGHWAY BONDS	-	4,808	-	-	-	-	4,808	503	-	503	4,305	-	4,305	4,808	-
NEW YORK	STATE HIGHWAY BONDS	22,822	176,343	-	-	1,695	-	178,038	24,823	666	25,489	146,957	1	146,958	172,447	28,213
	TOLL FACILITY BONDS	87,119	-	45,374	-	6,021	-	51,395	10,690	-	10,690	37,198	(861)	36,337	47,027	91,487
	STATE ISSUES FOR LOCAL ROADS	-	10,000	-	-	-	-	10,000	-	-	-	10,000	-	10,000	10,000	-
	TOTAL	109,741	186,343	45,374	-	7,718	-	239,433	35,513	666	36,179	194,155	(860)	193,295	229,474	119,700
NORTH CAROLINA	STATE HIGHWAY BONDS	-	38,240	-	-	-	-	38,240	10,910	-	10,910	27,330	-	27,330	38,240	-
OHIO	STATE HIGHWAY BONDS	104,377	77,702	-	-	12,749	-	90,451	22,131	200	22,331	74,900	-	74,900	97,231	97,597
	TOLL FACILITY BONDS	206	-	393	-	16	-	409	409	-	409	-	-	409	206	-
	TOTAL	104,583	77,702	393	-	12,765	-	90,860	22,540	200	22,740	74,900	-	74,900	97,640	97,803
OKLAHOMA	TOLL FACILITY BONDS	57,585	3,000	27,925	-	-	-	30,925	38,656	-	38,656	-	-	-	38,656	49,854
OREGON	STATE HIGHWAY BONDS	-	14,730	-	-	-	-	14,730	5,910	-	5,910	8,820	-	8,820	14,730	-
	TOLL FACILITY BONDS	-	-	921	-	-	-	921	121	-	121	800	-	800	921	-
	TOTAL	-	14,730	921	-	-	-	15,651	6,031	-	6,031	9,620	-	9,620	15,651	-
PENNSYLVANIA	STATE HIGHWAY BONDS	(18,033)	289,844	-	248	406	-	290,498	94,130	-	94,130	196,395	1	196,396	290,526	(18,061)
	TOLL FACILITY BONDS	113,019	-	56,456	-	8,817	-	65,273	77,069	-	77,069	6,980	-	6,980	84,049	94,243
	TOTAL	94,986	289,844	56,456	248	9,223	-	355,771	171,199	-	171,199	203,375	1	203,376	374,575	76,182
RHODE ISLAND	STATE HIGHWAY BONDS	-	17,717	-	-	-	-	17,717	3,944	-	3,944	13,773	-	13,773	17,717	-
	TOLL FACILITY BONDS	(2,818)	-	8,422	-	225	-	8,647	2,097	-	2,097	1,145	(134)	1,011	3,108	2,721
	TOTAL	(2,818)	17,717	8,422	-	225	-	26,364	6,041	-	6,041	14,918	(134)	14,784	20,825	2,721
TENNESSEE	STATE HIGHWAY BONDS	-	10,462	-	-	-	-	10,462	1,642	-	1,642	8,820	-	8,820	10,462	-
TEXAS	TOLL FACILITY BONDS	39,773	-	9,979	32,091	4,482	-	46,452	37,084	2,677	39,761	2,760	(1)	2,759	42,520	43,705
VERMONT 5/	STATE HIGHWAY BONDS	-	6,899	-	-	-	-	6,899	1,984	-	1,984	4,715	-	4,715	6,899	-
VIRGINIA	STATE HIGHWAY BONDS	-	3,175	-	-	21,534	-	24,709	21,229	-	21,229	3,480	-	3,480	24,709	-
	TOLL FACILITY BONDS	6,234	2,221	31,257	-	1,416	-	34,894	17,073	45	17,118	17,533	1	17,534	34,652	6,476
	TOTAL	6,234	5,396	31,257	-	22,950	-	59,603	38,302	45	38,347	21,013	1	21,014	59,361	6,476
WASHINGTON	STATE HIGHWAY BONDS	41,043	59,965	-	-	2,097	-	62,062	39,137	14	39,151	25,350	1	25,351	64,502	38,603
	TOLL FACILITY BONDS	10,151	15,426	345	-	459	-	16,230	8,466	8	8,474	8,208	-	8,208	16,682	9,699
	STATE ISSUES FOR LOCAL ROADS	-	28,587	-	-	-	-	28,587	14,279	-	14,279	14,306	-	14,306	28,587	-
	TOTAL	51,194	103,978	345	-	2,556	-	106,879	61,882	22	61,904	47,866	1	47,867	108,771	48,302
WEST VIRGINIA	STATE HIGHWAY BONDS	40,754	109,759	-	-	3,534	-	113,293	28,173	501	28,674	62,285	1	62,286	80,960	63,087
	TOLL FACILITY BONDS	7,277	-	3,528	-	44,543	-	48,071	349	-	349	44,543	-	44,543	44,892	10,456
	TOTAL	48,031	109,759	3,528	-	44,543	-	161,364	28,522	501	29,023	106,828	1	106,829	135,852	73,543
WISCONSIN	STATE HIGHWAY BONDS	59,418	13,061	-	-	5,248	-	18,309	20,851	23	20,874	25,308	-	25,308	46,182	31,545
SUMMARY	STATE HIGHWAY BONDS	683,741	2,061,697	-	19,810	83,627	175,067	2,340,201	1,000,118	13,210	1,013,328	1,319,147	13,186	1,332,333	2,345,681	678,281
	TOLL FACILITY BONDS	1,198,964	65,882	594,180	94,102	103,533	5,083	862,780	674,521	14,838	689,359	231,280	(2,777)	228,503	917,862	1,143,862
	STATE ISSUES FOR LOCAL ROADS	33,122	120,280	-	88	3,056	88,005	211,429	113,453	1,593	115,046	96,142	(1)	96,141	211,187	33,364
	GRAND TOTAL	1,915,827	2,247,859	594,180	114,000	190,218	268,155	3,414,410	1,789,092	29,641	1,817,733	1,646,569	10,408	1,656,977	3,474,710	1,855,527

1/ SEE TABLE SB-1 FOR GENERAL NOTE ON SB SERIES. THE FOLLOWING STATES REPORTED NO INDEBTEDNESS DURING 1990: ARKANSAS, COLORADO, IDAHO, IOWA, MISSOURI, NEBRASKA, NORTH DAKOTA, SOUTH CAROLINA, SOUTH DAKOTA, UTAH AND WYOMING.  
 2/ FOR PURPOSES OF THIS ANALYSIS, BOND ISSUES HAVE BEEN CLASSIFIED IN ACCORDANCE WITH THE TYPES OF ISSUES SUMMARIZED ON SHEET 2.

3/ GENERAL FUND APPROPRIATION: ALASKA [\$28,960,804], DISTRICT OF COLUMBIA [\$78,996,239], GEORGIA [\$120,040,749], HAWAII [\$23,880,011] AND MINNESOTA [\$9,446,060].

4/ OTHER STATE TAXES: MISSISSIPPI [\$5,496,814 - OIL TAX].

5/ 1990 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. ESTIMATED BY FHWA.



RECEIPTS FOR STATE—ADMINISTERED TOLL ROAD AND CROSSING FACILITIES — 1990<sup>1</sup>

TABLE SF-3B  
SHEET 1 OF 2  
OCTOBER 1991

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES BEGINNING OF YEAR 2/		HIGHWAY-USER REVENUES	ROAD AND CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INCOME FROM INVESTMENTS	CONCESSIONS AND RENTALS	MISCELLANEOUS RECEIPTS	TOTAL RECEIPTS
			RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE							
ALASKA	ALASKA FERRY (MARINE HIGHWAY) SYSTEM	ALASKA DEPARTMENT OF PUBLIC WORKS	-	-	-	15,962	-	-	7,112	3/ 49,418	72,492
CALIFORNIA	CARQUINEZ, BENICIA—MARTINEZ AND ANTIOCH BRIDGES	CALIFORNIA TRANSPORTATION COMMISSION	77,821	1,037	1,180	37,748	-	6,748	156	3/ 111	45,941
	RICHMOND—SAN RAFAEL BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	27,033	-	2,148	10,326	-	2,580	23	-	15,106
	SAN DIEGO—CORONADO BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	17,852	-	1,008	5,726	-	1,685	21	15	8,455
	SAN FRANCISCO—OAKLAND BAY, SAN MATEO—ALAMEDA AND DUMBARTON BRIDGES	CALIFORNIA TRANSPORTATION COMMISSION	150,760	3,348	13,110	66,067	-	13,638	2,378	3/ 1,755	96,948
	SAN PEDRO—TERMINAL ISLAND (VINCENT THOMAS) BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	5,903	-	497	2,701	-	549	-	-	11
	TOTAL		279,189	4,385	17,941	122,568	-	25,196	2,578	1,923	170,208
CONNECTICUT	ROCKYHILL—GLASTONBURY AND CHESTER—HADLYME FERRIES	CONNECTICUT DEPARTMENT OF TRANSPORTATION	-	-	263	137	-	-	-	-	400
DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE MAY—LEWES FERRY	DELAWARE RIVER AND BAY AUTHORITY	20,793	7,361	-	36,892	-	2,019	-	574	39,485
	JOHN F. KENNEDY MEMORIAL HIGHWAY	DELAWARE TRANSPORTATION AUTHORITY	5,538	-	-	31,017	-	571	1,570	164	33,322
	TOTAL		26,331	7,361	-	67,909	-	2,590	1,570	738	72,807
FLORIDA	EMORY L. BENNETT CAUSEWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	992	-	-	-	-	992
	JACKSONVILLE EXPRESSWAY AUTHORITY 4/	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	1,354	-	-	-	-	1,354
	PENSACOLA BEACH BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	99	1,178	361	805	-	123	-	-	1,289
	PINELLAS BAYWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	2,880	-	3,696	-	525	-	-	4,221
	ST. GEORGE ISLAND (BRYANT PATTON) BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	624	-	-	-	-	624
	SANTA ROSA (NAVARRE) BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	173	-	-	-	-	173
	SUNSHINE SKYWAY (LOWER TAMPA BAY BRIDGE)	FLORIDA DEPARTMENT OF TRANSPORTATION	5	-	-	173	-	-	-	-	173
	ORLANDO—ORANGE COUNTY EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	15,913	1,774	9,295	-	1,544	-	-	12,613
	BUCCANEER TRAIL ROAD	FLORIDA DEPARTMENT OF TRANSPORTATION	174,695	135,343	-	42,888	374,706	55,659	-	-	473,053
	CENTRAL FLORIDA EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	1,299	423	-	-	-	-	1,722
	EVERGLADES PARKWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	593	1,262	239	978	-	88	-	-	1,305
	FLORIDA TURNPIKE	FLORIDA DEPARTMENT OF TRANSPORTATION	542	-	-	4,441	-	-	-	-	4,441
	TAMPA—HILLSBOROUGH COUNTY EXPRESSWAY (SOUTH CROSSTOWN)	FLORIDA DEPARTMENT OF TRANSPORTATION	51,734	22,762	-	124,077	-	16,278	6,620	279	147,254
	MIAMI—DADE COUNTY EXPRESSWAYS	FLORIDA DEPARTMENT OF TRANSPORTATION	2,085	6,070	3,835	12,405	-	770	-	-	17,010
SAWORASS—DEERFIELD EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	9,317	-	12,888	-	1,229	-	-	14,117	
SEMINOLE EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	21,880	11,180	10,187	-	2,746	-	-	24,113	
	TOTAL		229,753	235,554	19,889	225,580	374,706	78,962	6,620	279	706,036
GEORGIA	TORRAS CAUSEWAY	GEORGIA STATE TOLLWAY AUTHORITY	751	-	-	1,348	-	146	-	-	1,494
ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	ILLINOIS STATE TOLL HIGHWAY AUTHORITY	324,125	79,319	-	238,905	-	32,468	4,487	522	276,380
INDIANA	WABASH MEMORIAL, BRANDENBURG—MAUKPORT, AND HAWESVILLE—CANNELTON BRIDGES 6/	INDIANA TRANSPORTATION FINANCE AUTHORITY	6,026	-	-	1,558	-	432	-	12	2,002
	INDIANA EAST—WEST TOLL ROAD	INDIANA TRANSPORTATION FINANCE AUTHORITY	44,393	26,344	-	55,197	-	6,199	3,569	610	65,575
	TOTAL		50,419	26,344	-	56,755	-	6,631	3,569	622	67,577
KANSAS	KANSAS TURNPIKE SYSTEM	KANSAS TURNPIKE AUTHORITY	36,410	13,800	-	37,902	28,425	4,827	456	404	72,014
KENTUCKY	KENTUCKY PARKWAY SYSTEM	THE TURNPIKE AUTHORITY OF KENTUCKY	1,846	52,629	35,128	18,910	-	3,742	-	186	57,966
LOUISIANA	GREATER NEW ORLEANS BRIDGES	CRESCENT CITY CONNECTION DIVISION	1,763	17,917	6,248	20,245	-	2,160	32	92	28,777
	ASCENSION (SUNSHINE) BRIDGE AND ST. JAMES FERRY	ASCENSION—ST. JAMES BRIDGE AND FERRY AUTHORITY	1,076	894	1,059	3,286	-	368	-	6/ 1	4,732
	TOTAL		2,839	18,811	7,307	23,531	-	2,546	32	93	33,509
MAINE	MAINE TURNPIKE	MAINE TURNPIKE AUTHORITY	41,956	-	-	35,340	-	3,311	1,928	250	40,829
	ISLAND FERRY SYSTEM	MAINE PORT AUTHORITY	1,127	-	-	1,145	-	24	103	3/ 6/ 2,402	3,674
	TOTAL		43,083	-	-	36,485	-	3,335	2,031	2,652	44,503
MARYLAND	SUSQUEHANNA, POTOMAC AND CHESAPEAKE BAY BRIDGES: BALTIMORE HARBOR TUNNEL AND BRIDGE: FORT MCHENRY TUNNEL	MARYLAND TRANSPORTATION AUTHORITY	51,166	31,344	-	83,687	54,986	10,936	48	1,009	150,666
	JOHN F. KENNEDY MEMORIAL HIGHWAY	MARYLAND TRANSPORTATION AUTHORITY	-	-	-	29,352	-	-	5,184	117	34,633
	TOTAL		51,166	31,344	-	113,039	54,986	10,936	5,212	1,126	185,299
MASSACHUSETTS	MAURICE J. TOBIN (MYSTIC RIVER) BRIDGE	MASSACHUSETTS PORT AUTHORITY	-	-	-	6,075	-	-	-	5,464	11,539
	EAST BOSTON TUNNELS	MASSACHUSETTS TURNPIKE AUTHORITY	7,980	-	-	16,151	43,733	864	79	-	60,827
	MASSACHUSETTS TURNPIKE SYSTEM	MASSACHUSETTS TURNPIKE AUTHORITY	78,267	22,611	-	120,785	-	5,478	7,586	-	133,829
	TOTAL		86,247	22,611	-	143,011	43,733	6,342	7,645	5,464	208,195
MICHIGAN	BLUE WATER BRIDGE	MICHIGAN DEPARTMENT OF TRANSPORTATION	-	-	-	2,885	-	-	-	7/ 2,199	5,084
	MACKINAC STRAITS BRIDGE	MACKINAC BRIDGE AUTHORITY	14,170	-	-	6,342	-	1,545	-	-	7,887
	SAULT SAINTE MARIE BRIDGE	INTERNATIONAL BRIDGE AUTHORITY OF MICHIGAN	422	1,039	-	4,062	-	67	299	-	4,428
	TOTAL		14,592	1,039	-	13,289	-	1,612	299	2,199	17,399

Highway Finance

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1990<sup>1</sup>

TABLE SF-3B  
SHEET 2 OF 2  
OCTOBER 1991

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES BEGINNING OF YEAR 2/		HIGHWAY-USER REVENUES	ROAD AND CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INCOME FROM INVESTMENTS	CONCESSIONS AND RENTALS	MISCELLANEOUS RECEIPTS	TOTAL RECEIPTS
			RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE							
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION	92,302	-	-	46,466	87,842	5,330	-	65	149,703
NEW JERSEY	VARIOUS TOLL BRIDGES	DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION	46,947	6,057	-	23,475	-	4,828	-	46	28,347
	ATLANTIC CITY EXPRESSWAY	NEW JERSEY EXPRESSWAY AUTHORITY	19,838	6,930	-	22,939	-	3,233	-	2,958	29,128
	GARDEN STATE PARKWAY	NEW JERSEY HIGHWAY AUTHORITY	232,257	80,773	-	160,858	-	24,743	10,099	5,388	201,088
	NEW JERSEY TURNPIKE SYSTEM	NEW JERSEY TURNPIKE AUTHORITY	1,580,631	293,461	-	188,730	-	176,947	12,128	3,769	381,574
	TOTAL		1,859,673	387,221	-	396,002	-	209,749	22,227	12,159	640,137
NEW YORK	CORNWALL-MASSENA BRIDGE	ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION	500	-	-	2,230	-	39	80	9	2,358
	GEORGE WASHINGTON AND STATEN ISLAND BRIDGES; HOLLAND AND LINCOLN TUNNELS	PORT AUTHORITY OF NEW YORK AND NEW JERSEY	-	-	-	337,182	-	-	-	-	337,182
	KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEWBURGH-BEACON BRIDGES	NEW YORK STATE BRIDGE AUTHORITY	35,272	5,731	-	18,816	-	3,734	-	9	23,559
	OGDENSBURG-PRESCOTT BRIDGE	OGDENSBURG BRIDGE AND PORT AUTHORITY	1,103	-	-	1,345	-	97	480	5	1,927
	PEACE BRIDGE	BUFFALO AND FT. ERIE PUBLIC BRIDGE AUTHORITY	10,023	284	-	7,372	-	1,170	3,106	-	11,648
	RAINBOW, LEWISTON-QUEENSTON AND WHIRLPOOL RAPIDS BRIDGES	NIAGARA FALLS BRIDGE COMMISSION	7,555	3,734	-	7,959	-	851	4,564	-	13,374
	THOUSAND ISLAND BRIDGES	THOUSAND ISLANDS BRIDGE AUTHORITY	9,105	859	-	4,938	-	-	-	-	4,938
	THOMAS E. DEWEY THRUWAY	NEW YORK STATE THRUWAY AUTHORITY	219,428	76,511	-	287,415	-	22,757	7,372	7/	17,918
	TOTAL		282,986	87,119	-	668,257	-	28,648	15,602	17,941	730,448
NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	-	-	17,246	1,396	-	-	-	-	18,642
OHIO	OHIO TURNPIKE	OHIO TURNPIKE COMMISSION	50,020	206	1,914	83,661	-	3,552	5,888	909	95,924
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM (WILL ROGERS TURNPIKE)	OKLAHOMA TURNPIKE AUTHORITY	415,880	57,585	3,000	53,259	-	44,203	1,067	44	101,573
OREGON	ASTORIA-PT. ELLICE BRIDGE	OREGON TRANSPORTATION COMMISSION	-	-	-	2,425	-	-	-	-	2,425
PENNSYLVANIA	DELAWARE RIVER BRIDGES	DELAWARE RIVER PORT AUTHORITY	120,588	27,482	-	86,341	-	13,067	152	-	99,580
	PENNSYLVANIA TURNPIKE SYSTEM	PENNSYLVANIA TURNPIKE COMMISSION	1,013,137	85,537	-	217,099	-	90,579	5,283	568	313,540
	TOTAL		1,133,725	113,019	-	303,440	-	103,646	5,445	568	413,100
RHODE ISLAND	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY	16,661	(2,816)	-	9,141	-	1,774	-	18	10,933
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	TENNESSEE DEPARTMENT OF TRANSPORTATION	-	-	324	39	-	-	-	-	363
TEXAS	MOUNTAIN CREEK LAKE BRIDGE	TEXAS TURNPIKE AUTHORITY	732	1,309	-	1,421	-	139	-	-	1,560
	HOUSTON SHIP CHANNEL BRIDGE	TEXAS TURNPIKE AUTHORITY	10,177	11,738	-	9,224	-	1,453	-	1	10,878
	DALLAS NORTH TOLLWAY	TEXAS TURNPIKE AUTHORITY	59,620	26,726	-	29,801	125,852	13,082	-	-	168,735
	TOTAL		70,529	39,773	-	40,446	125,852	14,674	-	1	180,973
UTAH	JOHN ATLANTIC BURR FERRY	UTAH DEPARTMENT OF TRANSPORTATION	-	-	-	170	-	-	-	-	170
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL SYSTEM	CHESAPEAKE BAY BRIDGE AND TUNNEL DISTRICT	32,156	6,234	394	28,489	-	3,027	-	285	32,195
	NORFOLK-VIRGINIA BEACH TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	27,754	-	-	11,370	-	1,945	-	3	33,318
	RICHMOND-PETERSBURG TURNPIKE	VIRGINIA DEPARTMENT OF TRANSPORTATION	12,982	-	-	31,795	-	708	-	-	32,503
	DULLES TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	61,268	-	-	15,910	-	4,429	-	9	20,348
	POWHITE PARKWAY EXTENSION TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	1,514	-	2,221	5,258	-	117	-	-	7,594
	JAMESTOWN FERRY	VIRGINIA DEPARTMENT OF TRANSPORTATION	-	-	3,456	566	-	-	-	-	4,022
	TOTAL		135,674	6,234	6,071	93,386	-	10,228	-	297	109,980
WASHINGTON	PUGET SOUND FERRY SYSTEM	WASHINGTON TOLL BRIDGE AUTHORITY	70,739	8,348	87,418	84,314	-	572	-	6/	5,059
	MAPLE STREET (SPOKANE) BRIDGE 8/	WASHINGTON TOLL BRIDGE AUTHORITY	124	1,803	238	345	-	-	-	-	583
	TOTAL		70,863	10,151	87,656	84,659	-	572	-	5,059	157,946
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	WEST VIRGINIA PARKWAYS, ECONOMIC DEVELOPMENT, TOURISM AUTHORITY	22,430	7,277	-	38,856	138,150	3,135	498	-	180,439
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES		674,383	145,324	28,015	883,741	98,719	76,122	11,418	11,647	1,089,662
	TOTAL ROAD FACILITIES		4,551,245	1,045,292	60,017	1,989,284	764,975	528,124	73,705	34,162	3,430,247
	TOTAL FERRY FACILITIES		71,866	8,348	108,707	83,729	-	596	7,215	56,879	257,126
	GRAND TOTAL		5,297,494	1,198,964	196,739	2,916,734	863,694	804,842	92,338	102,688	4,777,035

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

2/ INCLUDES FUNDS OF SPECIAL TOLL AUTHORITIES AS WELL AS STATE HIGHWAY AGENCY FUNDS DEDICATED FOR TOLL

FACILITY CONSTRUCTION, MAINTENANCE, OPERATION, AND DEBT SERVICE.

3/ GENERAL FUND APPROPRIATION: ALASKA [\$36,063,955], CALIFORNIA [\$1,561,614] AND MAINE [\$1,401,660].

4/ TRANSFERRED TO JACKSONVILLE TRANSPORTATION AUTHORITY IN 1990.

5/ CANNELTON BRIDGE FREED MARCH 1990.

6/ FEDERAL FUNDS: LOUISIANA [\$61,871-UMTA], MAINE [\$999,999-UMTA] AND WASHINGTON [\$329,068-UMTA].

7/ FEDERAL-AID FUNDS: MICHIGAN [\$2,198,583] AND NEW YORK [\$15,000,000].

8/ FREED JULY 1990.

DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1990<sup>1</sup>

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-4B  
SHEET 1 OF 2  
OCTOBER 1991

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATIONS <sup>2/</sup>	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT	INTEREST ON OBLIGATIONS	RETIREMENT OF OBLIGATIONS	SUBTOTAL DIRECT EXPENDITURES	TRANSFERS TO STATE OR FOR OTHER PURPOSES	TOTAL DISBURSEMENTS	BALANCES END OF YEAR <sup>3/</sup>	
											RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE
ALASKA	ALASKA FERRY (MARINE HIGHWAY) SYSTEM	-	65,150	2,402	-	872	4,068	72,492	-	72,492	-	-
CALIFORNIA	CARQUINEZ, BENICIA - MARTINEZ AND ANTIOCH BRIDGES	32,941	10,387	2,135	-	2,686	1,340	49,489	845	50,334	73,201	1,064
	RICHMOND - SAN RAFAEL BRIDGE	1,692	4,127	413	-	-	-	6,232	25	6,257	35,881	-
	SAN DIEGO - CORONADO BRIDGE	112	3,188	286	-	-	-	3,586	-	3,586	22,721	-
	SAN FRANCISCO - OAKLAND BAY, SAN MATEO - ALAMEDA AND DUMBARTON BRIDGES	22,885	29,430	3,491	-	3,421	2,320	61,547	24,012	85,559	161,793	3,723
	SAN PEDRO - TERMINAL ISLAND (VINCENT THOMAS) BRIDGE	241	3,051	174	-	-	-	3,466	-	3,466	6,195	-
	TOTAL	57,871	50,183	6,499	-	6,107	3,660	124,320	24,882	149,202	299,791	4,787
CONNECTICUT	ROCKYHILL - GLASTONBURY AND CHESTER - HADLYME FERRIES	-	399	-	-	-	-	399	-	399	-	-
DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE MAY - LEWES FERRY	7,594	20,109	1,015	3,010	1,998	4,043	37,769	-	37,769	24,166	5,704
	JOHN F. KENNEDY MEMORIAL HIGHWAY	1,393	5,814	1,324	-	-	-	8,531	23,490	32,021	6,838	-
	TOTAL	8,987	25,923	2,339	3,010	1,998	4,043	46,300	23,490	69,790	31,004	5,704
FLORIDA	EMORY L. BENNETT CAUSEWAY	-	914	-	-	-	-	914	78	992	-	-
	JACKSONVILLE EXPRESSWAY AUTHORITY	-	1,354	-	-	-	-	1,354	-	1,354	-	-
	PENSACOLA BEACH BRIDGE	-	370	-	-	502	560	1,432	-	1,432	-	1,135
	PINELLAS BAYWAY	-	1,254	-	-	1,038	490	2,782	1,424	4,206	-	2,895
	ST. GEORGE ISLAND (BRYANT PATTON) BRIDGE	-	198	-	-	-	-	198	426	624	-	-
	SANTA ROSA (NAVARRÉ) BRIDGE	-	175	-	-	-	-	175	-	175	3	-
	SUNSHINE SKYWAY (LOWER TAMPA BAY BRIDGE)	-	3,163	-	-	2,747	780	6,690	-	6,690	-	21,835
	ORLANDO - ORANGE COUNTY EXPRESSWAY	58,056	9,838	742	-	44,887	2,524	116,047	37,126	153,173	496,553	133,365
	BUCCANEER TRAIL ROAD	-	1,722	-	-	-	-	1,722	-	1,722	-	-
	CENTRAL FLORIDA EXPRESSWAY	-	632	-	-	172	1,118	1,922	-	1,922	-	1,238
	EVERGLADES PARKWAY	-	1,342	-	-	-	-	1,342	3,642	4,984	-	-
	FLORIDA TURNPIKE	-	33,404	5,810	-	16,231	2,475	57,920	90,593	148,513	53,008	20,229
	TAMPA - HILLSBOROUGH COUNTY EXPRESSWAY (SOUTH CROSSTOWN)	310	3,381	193	-	8,736	3,685	16,305	-	16,305	1,946	6,914
MIAMI - DADE COUNTY EXPRESSWAYS	-	3,781	-	-	6,601	930	11,312	402	11,714	-	11,721	
SAWGRASS - DEERFIELD EXPRESSWAY	-	2,513	88	-	16,727	4,905	24,133	-	24,133	-	21,861	
SEMINOLE EXPRESSWAY	-	136	-	-	1,619	1,115	2,870	418	3,288	1,201	16,215	
	TOTAL	58,366	64,177	6,833	-	99,260	18,482	247,118	134,109	381,227	552,711	237,408
GEORGIA	TORRAS CAUSEWAY	73	592	58	-	-	-	723	-	723	1,523	-
ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	106,338	52,950	28,464	10,384	42,100	4,285	244,521	-	244,521	399,439	35,866
INDIANA	WABASH MEMORIAL BRANDENBURG - MAUKPORT, AND HAWESVILLE - CANNELTON BRIDGES	-	970	-	-	-	-	970	-	970	7,059	-
	INDIANA EAST - WEST TOLL ROAD	1,520	30,138	5,293	2,460	21,298	1,835	62,544	-	62,544	47,561	26,207
	TOTAL	1,520	31,108	5,293	2,460	21,298	1,835	63,514	-	63,514	54,620	26,207
KANSAS	KANSAS TURNPIKE SYSTEM	21,516	11,735	4,931	2,418	8,000	1,570	50,170	-	50,170	63,721	8,335
KENTUCKY	KENTUCKY PARKWAY SYSTEM	5,994	10,809	134	-	21,914	16,593	55,444	-	55,444	2,143	54,855
LOUISIANA	GREATER NEW ORLEANS BRIDGES	6,519	8,501	-	-	184	3,100	18,304	-	18,304	15,179	14,972
	ASCENSION (SUNSHINE) BRIDGE AND ST. JAMES FERRY	-	546	-	-	714	1,064	2,324	-	2,324	530	3,847
	TOTAL	6,519	9,047	-	-	898	4,164	20,628	-	20,628	15,709	18,819
MAINE	MAINE TURNPIKE	14,256	14,148	2,284	2,046	-	-	32,734	8,700	41,434	41,352	-
	ISLAND FERRY SYSTEM	360	2,519	-	-	-	-	2,879	-	2,879	1,921	-
	TOTAL	14,616	16,667	2,284	2,046	-	-	35,613	8,700	44,313	43,273	-
MARYLAND	SUSQUEHANNA, POTOMAC AND CHESAPEAKE BAY BRIDGES: BALTIMORE HARBOR TUNNEL AND BRIDGE: FORT MCHENRY TUNNEL	15,470	25,336	8,578	11,304	28,682	4,165	93,535	38,080	131,615	80,407	21,154
	JOHN F. KENNEDY MEMORIAL HIGHWAY	24,712	7,378	298	-	-	-	32,388	2,245	34,633	-	-
	TOTAL	40,182	32,714	8,876	11,304	28,682	4,165	125,923	40,325	166,248	80,407	21,154
MASSACHUSETTS	MAURICE J. TOBIN (MYSTIC RIVER) BRIDGE	6,790	2,662	2,087	-	-	-	11,539	-	11,539	-	-
	EAST BOSTON TUNNELS	1,706	6,654	1,420	-	19	-	9,799	-	9,799	53,328	5,680
	MASSACHUSETTS TURNPIKE SYSTEM	53,190	41,789	11,040	-	9,470	27,496	142,985	-	142,985	73,159	18,562
	TOTAL	61,686	51,105	14,547	-	9,489	27,496	164,323	-	164,323	126,487	24,242
MICHIGAN	BLUE WATER BRIDGE	3,344	1,595	-	-	-	-	4,939	145	5,084	-	-
	MACKINAC STRAITS BRIDGE	-	3,617	1,046	-	-	-	4,663	-	4,663	17,393	-
	SAULT SAINTE MARIE BRIDGE	-	2,425	363	-	1,122	-	3,910	-	3,910	973	1,007
	TOTAL	3,344	7,637	1,409	-	1,122	-	13,512	145	13,657	18,366	1,007

# DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1990<sup>1</sup>

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-4B  
SHEET 2 OF 2  
OCTOBER 1991

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATIONS 2/	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT	INTEREST ON OBLIGATIONS	RETIREMENT OF OBLIGATIONS	SUBTOTAL DIRECT EXPENDITURES	TRANSFERS TO STATE OR FOR OTHER PURPOSES	TOTAL DISBURSEMENTS	BALANCES END OF YEAR 3/	
											RESERVES FOR CONSTRUCTION, OPERATION ETC.	RESERVES FOR DEBT SERVICE
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	33,186	12,663	12,252	1,755	12,713	4,675	77,244	-	77,244	164,761	-
NEW JERSEY	VARIOUS TOLL BRIDGES	10,607	7,253	10,390	-	4,048	610	32,908	-	32,908	41,572	6,871
	ATLANTIC CITY EXPRESSWAY	-	10,958	3,476	3,408	3,239	2,325	23,406	2,500	25,906	23,050	6,839
	GARDEN STATE PARKWAY	26,318	58,377	24,547	15,054	45,042	4,878	174,216	10,300	184,516	241,799	87,804
	NEW JERSEY TURNPIKE SYSTEM	211,046	84,038	46,908	18,087	187,831	7,485	555,395	12,000	567,395	1,373,233	295,038
	TOTAL	247,971	160,626	85,321	36,549	240,160	15,298	785,925	24,800	810,725	1,679,654	398,652
NEW YORK	CORNWALL - MASSENA BRIDGE	50	1,530	175	-	-	-	1,755	554	2,309	548	-
	GEORGE WASHINGTON AND STATEN ISLAND BRIDGES; HOLLAND AND LINCOLN TUNNELS	105,700	85,771	-	-	-	-	171,471	165,711	337,182	-	-
	KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEWBURGH - BEACON BRIDGES	11,300	8,237	2,265	-	2,042	-	23,844	-	23,844	32,150	6,569
	OGDENSBURG - PRESCOTT BRIDGE	119	811	230	-	-	-	1,160	306	1,468	1,564	-
	PEACE BRIDGE	3,502	7,913	1,275	-	19	265	12,974	200	13,174	8,781	-
	RAINBOW, LEWISTON - QUEENSTON, AND WHIRLPOOL RAPIDS BRIDGES	818	10,419	842	-	351	748	13,178	-	13,178	7,746	3,738
	THOUSAND ISLAND BRIDGES	-	2,802	682	-	335	410	4,229	1,389	5,618	6,426	857
	THOMAS E. DEWEY THRUWAY	166,871	124,437	17,616	23,652	7,944	34,913	375,433	-	375,433	177,645	78,322
	TOTAL	288,360	221,920	23,085	23,652	10,691	36,336	604,044	168,160	772,204	236,860	91,486
NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT - FT. FISHER FERRIES	-	18,642	-	-	-	-	18,642	-	18,642	-	-
OHIO	OHIO TURNPIKE	48,706	27,266	12,569	7,401	409	-	96,351	-	96,351	49,593	206
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM (WILL ROGERS TURNPIKE)	148,516	12,578	5,005	4,302	38,656	-	207,057	-	207,057	318,127	49,854
OREGON	ASTORIA - PT. ELLICE BRIDGE	48	465	-	-	121	800	1,434	991	2,425	-	-
PENNSYLVANIA	DELAWARE RIVER BRIDGES	3,809	32,356	6,528	-	13,852	3,040	59,585	17,270	76,855	143,106	27,668
	PENNSYLVANIA TURNPIKE SYSTEM	92,872	80,791	21,147	11,330	63,217	3,940	273,297	-	273,297	1,072,342	68,575
	TOTAL	96,681	113,147	27,675	11,330	77,069	6,980	332,882	17,270	350,152	1,215,448	94,243
RHODE ISLAND	MT. HOPE AND JAMESTOWN - NEWPORT BRIDGES	3,545	1,021	1,170	-	2,097	1,011	8,844	-	8,844	13,210	2,721
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	-	363	-	-	-	-	363	-	363	-	-
TEXAS	MOUNTAIN CREEK LAKE BRIDGE	-	374	181	-	793	480	1,828	-	1,828	989	784
	HOUSTON SHIP CHANNEL BRIDGE	5	1,678	487	-	7,025	2,280	11,475	-	11,475	8,612	12,507
	DALLAS NORTH TOLLWAY	11,871	6,012	1,873	-	31,943	-	51,699	-	51,699	172,967	30,414
	TOTAL	11,876	8,064	2,541	-	39,761	2,760	65,002	-	65,002	182,568	43,705
UTAH	JOHN ATLANTIC BURR FERRY	-	170	-	-	-	-	170	-	170	-	-
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL SYSTEM	124	13,211	1,362	-	7,769	12,853	35,319	-	35,319	28,791	6,476
	NORFOLK-VIRGINIA BEACH TOLL ROAD	-	2,840	2,586	-	382	480	6,288	-	6,288	34,783	-
	RICHMOND - PETERSBURG TURNPIKE	24,003	1,800	10,513	-	-	-	36,316	-	36,316	9,189	-
	DULLES TOLL ROAD	26,304	149	4,714	-	3,687	4,200	39,054	-	39,054	42,562	-
	POWHITE PARKWAY EXTENSION TOLL ROAD	33	1,421	2,206	-	5,281	-	8,941	-	8,941	167	-
	JAMESTOWN FERRY	-	4,022	-	-	-	-	4,022	-	4,022	-	-
	TOTAL	50,464	23,443	21,381	-	17,119	17,533	129,940	-	129,940	115,472	6,476
WASHINGTON	PUGET SOUND FERRY SYSTEM	45,129	85,774	577	-	8,418	5,878	145,776	-	145,776	80,978	9,699
	MAPLE STREET (SPOKANE) BRIDGE	-	124	-	-	56	2,330	2,510	-	2,510	-	-
	TOTAL	45,129	85,898	577	-	8,474	8,208	148,286	-	148,286	80,978	9,699
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	18,939	11,453	605	1,278	349	44,543	77,167	60,000	137,167	62,523	10,456
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES	238,994	284,583	46,653	14,314	81,621	42,689	708,854	251,456	960,310	795,847	153,207
	TOTAL ROAD FACILITIES	1,093,950	668,293	226,618	103,575	598,448	175,870	2,864,754	251,416	3,116,170	4,929,642	980,978
	TOTAL FERRY FACILITIES	45,489	177,039	2,979	-	9,290	9,946	244,743	-	244,743	82,897	9,699
	GRAND TOTAL	1,378,433	1,127,915	276,250	117,889	689,359	228,505	3,818,351	502,872	4,321,223	5,808,366	1,143,882

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-38 AND 4B ARE CONCERNED SOLELY WITH RECEIPTS AND DISBURSEMENTS FOR STATE AND QUASI-STATE TOLL FACILITIES, INCLUDING (A) THOSE OWNED OR OPERATED BY STATE HIGHWAY AGENCIES, (B) THOSE THE TITLE OF WHICH WILL ULTIMATELY BE VESTED IN THE STATE, AND (C) OTHER MAJOR FACILITIES THAT HAVE MORE THAN LOCAL IMPORTANCE. FORMER TOLL FACILITIES, NOW TOLL-FREE, ARE INCLUDED WHERE BONDED INDEBTEDNESS IS STILL OUTSTANDING. OTHER FACILITIES FOR WHICH NO TOLLS ARE SHOWN WERE UNDER CONSTRUCTION, OR PRELIMINARY COSTS HAD BEEN INCURRED DURING THE YEAR. DATA FOR PUBLIC AND QUASI-PUBLIC

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

# STATE RECEIPTS AND DISBURSEMENTS FOR MASS TRANSPORTATION - 1990

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SMT  
OCTOBER 1991

STATE	RECEIPTS								DISBURSEMENTS					
	HIGHWAY- USER TAX REVENUES 1/	ROAD AND CROSSING TOLLS	OTHER IMPOSTS, GENERAL FUND REVENUES	FEDERAL FUNDS	TRANSFERS FROM LOCAL GOVERN- MENTS	BOND PROCEEDS	MISCEL- LANEOUS 2/	TOTAL RECEIPTS	CAPITAL OUTLAY	OPERATING ASSISTANCE	ADMINIS- TRATION	DEBT SERVICE	TRANSFER	OTHER
ALABAMA	454	--	--	--	--	--	454	--	454	--	--	--	--	454
ALASKA	--	--	2,284	--	--	--	2,284	--	1,118	10	1,156	--	--	2,284
ARIZONA	--	--	--	1,453	--	--	20,700	598	471	384	--	20,700	--	22,153
ARKANSAS	--	--	383	2,279	--	--	2,662	920	906	653	--	--	183	2,662
CALIFORNIA	66,420	24,883	652,940	35,773	119	--	799,521	153,863	70,125	13,512	--	529,347	--	766,847
COLORADO	4,052	--	--	--	--	--	4,052	782	3,205	86	--	--	--	4,053
CONNECTICUT	150,394	--	--	33,283	--	--	184,679	45,602	110,206	8,692	17,238	--	--	181,938
DELAWARE	18,203	10,733	--	--	--	--	28,936	3,534	12,213	13,169	--	--	--	28,936
DIST. OF COL.	--	--	109,606	263	--	--	110,869	8,207	110,406	10,331	--	--	3,611	132,555
FLORIDA	74,096	--	--	5,997	--	--	80,095	51,604	24,533	3,958	--	--	--	80,095
GEORGIA	4,620	--	179,439	12,222	--	--	196,281	1,376	224	3,551	--	191,130	--	196,281
HAWAII	--	--	350	--	--	--	350	--	100	250	--	--	--	350
IDAHO	6	--	--	25	--	--	31	--	--	31	--	--	--	31
ILLINOIS	--	--	194,982	6,200	--	54,071	255,253	75,800	194,308	1,132	--	--	--	271,240
INDIANA	--	--	19,947	3,333	--	--	23,280	671	22,319	289	--	--	--	23,279
IOWA	6,975	--	5,368	4,796	--	--	17,141	91	15,317	1,733	--	--	--	17,141
KANSAS	415	--	--	1,104	--	--	1,519	1,294	200	222	--	--	--	1,716
KENTUCKY	--	--	840	2,112	--	--	2,952	448	351	325	--	1,827	--	2,951
LOUISIANA	1,570	--	--	6,019	--	--	7,589	2,018	5,569	2	--	--	--	7,589
MAINE	--	--	949	2,245	--	--	3,194	1,484	1,567	143	--	--	--	3,194
MARYLAND	--	--	170,404	129,767	--	--	300,171	167,624	188,279	13,055	--	--	--	368,958
MASSACHUSETTS	173,817	--	419,382	3,452	--	--	597,839	1,013	475,059	2,502	119,265	--	--	597,839
MICHIGAN	110,945	--	32,023	100	--	--	143,068	20,843	130,793	9,560	20,668	--	--	181,864
MINNESOTA	3,355	--	10,472	3,790	--	--	17,617	--	17,384	234	--	--	--	17,618
MISSISSIPPI	19	--	13	75	--	--	107	--	--	107	--	--	--	107
MISSOURI	--	--	3,787	--	--	--	3,787	--	3,702	85	--	--	--	3,787
MONTANA	153	--	--	--	--	--	153	--	142	11	--	--	--	153
NEBRASKA	2,426	--	--	500	--	--	2,926	305	2,454	167	--	--	--	2,926
NEVADA	390	--	--	395	--	--	785	633	87	65	--	--	--	785
NEW HAMPSHIRE	1,167	--	--	1,786	--	--	2,953	442	2,493	17	--	--	--	2,952
NEW JERSEY	67,654	--	46,131	8,909	--	300,829	423,523	180,793	231,044	20	11,666	--	--	423,523
NEW MEXICO	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NEW YORK	--	57,903	1,098,930	28,478	--	10,200	1,228,511	170,724	1,057,554	1,515	79,165	14,829	--	1,323,787
NORTH CAROLINA	11,035	--	--	--	--	--	11,035	6,290	1,103	3,641	--	--	--	11,034
NORTH DAKOTA	52	--	--	976	--	--	1,028	275	647	107	--	--	--	1,029
OHIO	--	--	26,902	13,152	--	--	40,054	6,811	30,776	466	--	--	--	40,053
OKLAHOMA	--	--	--	2,656	--	--	2,656	--	2,677	--	--	--	--	2,677
OREGON	--	--	9,049	2,330	70	--	11,449	1,448	9,359	843	--	--	--	11,450
PENNSYLVANIA	5,782	12,740	258,176	9,537	--	--	276,235	69,022	351,604	3,359	4,308	--	--	428,293
RHODE ISLAND	12,908	--	--	9,752	--	--	22,660	6,018	15,254	130	1,259	--	--	22,661
SOUTH CAROLINA	2,871	--	611	4,004	--	--	7,486	4,429	2,771	285	--	--	--	7,485
SOUTH DAKOTA	103	--	--	907	435	--	1,445	241	699	505	--	--	--	1,445
TENNESSEE	9,860	--	--	3,036	224	--	13,120	2,424	7,658	3,033	--	--	--	13,115
TEXAS	7,812	--	--	13,672	--	--	21,484	19,110	3,532	537	--	--	--	23,179
UTAH	--	--	28,262	5,348	--	--	33,610	4,480	27,830	7,400	--	600	--	40,310
VERMONT 3/	--	--	--	--	--	--	669	27	557	85	--	--	--	669
VIRGINIA	--	--	90,024	2,391	--	--	92,415	21,016	66,321	1,679	--	--	1,094	90,110
WASHINGTON	158,626	--	--	4,449	--	--	163,075	41,177	647	811	--	115,776	230	158,643
WEST VIRGINIA	--	--	1,262	--	--	--	1,262	684	578	--	--	--	--	1,262
WISCONSIN	51,556	--	--	3,459	--	--	55,015	660	51,892	2,464	--	--	--	55,016
WYOMING	--	--	--	1,578	--	--	1,578	648	550	--	--	--	58	1,878
<b>TOTAL 3/</b>	<b>947,736</b>	<b>106,259</b>	<b>3,362,516</b>	<b>371,605</b>	<b>648</b>	<b>76,010</b>	<b>707,712</b>	<b>5,572,888</b>	<b>1,077,609</b>	<b>3,257,038</b>	<b>111,600</b>	<b>254,725</b>	<b>874,211</b>	<b>5,580,357</b>

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

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



# RECEIPTS OF COUNTIES AND TOWNSHIPS FOR HIGHWAYS - 1989 <sup>1</sup>

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-1  
SEPTEMBER 1991

STATE	LOCAL REVENUES							PAYMENTS FROM OTHER GOVERNMENTS					BONDS AND NOTES	TOTAL RECEIPTS	
	PROPERTY TAXES AND SPECIAL ASSESSMENTS 2/	GENERAL FUND APPROPRIA- TIONS 2/	LOCAL HIGHWAY- USER REVENUES	OTHER LOCAL IMPOSTS	ROAD AND CROSSING TOLLS	MISCEL- LANEOUS	TOTAL	MUNICI- PALITIES	STATES			FEDERAL 4/			TOTAL
									HIGHWAY- USER IMPOSTS	OTHER 3/	TOTAL				
ALABAMA	24,954	-	-	-	-	7,547	32,501	-	145,644	9,880	155,524	802	156,326	33,897	222,724
ALASKA 6/	31,000	7,500	800	-	-	700	40,100	-	-	8,000	8,000	2,553	10,553	-	50,653
ARIZONA	1,865	-	-	99,361	-	8,793	110,019	1,109	118,659	3,236	121,895	4,380	127,384	23,889	261,292
ARKANSAS	17,277	13,762	-	-	-	-	31,039	-	43,382	20,169	63,551	8,011	71,562	-	102,601
CALIFORNIA	20,045	132,540	-	41,237	31,696	245,979	471,497	18,175	324,595	-	324,595	78,412	421,182	127,566	1,020,245
COLORADO	66,216	14,407	-	4,291	-	44,655	129,569	148	77,712	9,307	87,019	5,623	92,790	2,491	224,850
CONNECTICUT	-	30,665	-	-	-	555	31,220	-	10,462	-	10,462	-	10,462	4,755	46,437
DELAWARE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	121,286	372,318	254,517	-	10,614	133,227	891,962	20,033	172,758	85,093	257,851	2,778	280,662	110,356	1,282,980
GEORGIA	688	202,724	6,028	178,327	-	4,118	391,885	-	9,311	1,444	10,755	890	11,645	1,194	404,724
HAWAII	-	902	9,661	7,000	-	720	18,283	-	31,109	-	31,109	1,299	32,408	-	50,691
IDAHO	31,976	48	-	-	-	5,965	38,009	-	35,672	3,964	39,636	7,108	46,744	-	84,753
ILLINOIS	198,874	24,683	70,392	-	275	40,500	334,724	-	176,800	16,402	193,202	19	193,221	43,000	570,945
INDIANA	15,956	2,177	9,278	-	-	8,877	36,288	-	177,434	23,830	201,264	3,864	205,128	-	241,416
IOWA	46,623	4,573	-	-	-	3,584	54,780	-	158,539	29,283	187,822	20,037	207,859	-	262,639
KANSAS	99,982	50,021	-	54,650	-	6,060	210,713	276	39,180	9,401	48,581	168	49,025	4,708	264,446
KENTUCKY	1,101	28,992	-	-	-	3,871	33,964	-	80,159	12,855	93,014	1,219	94,233	1,398	129,595
LOUISIANA	11,820	8,575	-	49,299	6,166	18,358	94,218	-	17,813	33,825	51,638	5,392	57,030	4,001	155,249
MAINE	-	66,933	-	-	-	-	66,933	-	14,927	41	14,968	169	15,137	75	82,145
MARYLAND 5/ 6/	11,500	120,000	-	-	-	9,500	141,000	150	178,563	5,500	184,063	9,985	194,198	5,000	340,198
MASSACHUSETTS	40,768	92	-	-	-	805	41,665	-	11,207	86	11,293	617	11,944	6,373	59,982
MICHIGAN 6/	17,000	143,000	-	-	680	65,633	226,213	34	359,070	125	359,195	1,029	360,224	5,000	591,437
MINNESOTA 6/	175,000	70,000	-	-	-	19,000	264,000	-	180,847	37,439	218,286	988	219,274	4,000	487,274
MISSISSIPPI	78,163	-	3,048	-	-	1,940	83,151	-	51,031	7,561	58,592	2,646	61,238	5,781	150,170
MISSOURI	41,372	37	-	63,543	656	22,208	127,816	3,996	44,560	12,287	56,847	13,026	73,869	14,134	215,819
MONTANA	-	-	-	52,798	-	782	53,580	-	6,350	4,457	10,807	19,602	30,409	-	83,989
NEBRASKA	62,475	16,241	-	1,768	213	3,472	84,169	-	38,463	16,283	54,746	13,103	67,849	57	152,075
NEVADA 6/	5,500	5,500	24,359	-	-	4,000	39,359	12,500	22,163	-	22,163	270	34,933	5,000	79,292
NEW HAMPSHIRE 6/	-	30,000	37,000	-	-	-	67,000	-	-	1	8,100	268	8,369	-	75,369
NEW JERSEY	-	76,195	-	-	11,875	722	88,792	-	-	-	-	-	-	26,306	115,098
NEW MEXICO 6/	400	3,800	2,700	-	-	450	7,350	-	30,833	2,500	33,333	1,183	34,516	-	41,866
NEW YORK	168,071	585,929	-	-	2,838	11,619	768,457	1,795	131,903	13,554	145,457	19,762	167,014	62,998	998,469
NORTH CAROLINA 5/ 6/	-	1,023	-	-	-	-	1,023	-	-	-	-	-	-	-	1,023
NORTH DAKOTA	22,124	626	-	-	-	2,451	25,201	124	26,663	9,713	36,376	3,228	39,728	356	65,285
OHIO	35,063	16,516	-	3,018	-	28,280	82,877	1,792	429,402	297	429,699	7,571	439,062	10,852	532,791
OKLAHOMA	4,293	11,117	-	-	-	3,294	18,704	300	107,055	50,303	157,358	4,305	161,963	3,152	183,819
OREGON	20,845	35,991	7,890	-	155	23,462	88,143	380	83,435	1,839	85,274	86,817	172,471	2,969	263,583
PENNSYLVANIA	51,900	156,249	-	-	22	48,024	256,195	-	147,793	-	147,793	22,841	170,634	18,563	445,392
RHODE ISLAND 6/	-	2,700	-	-	-	-	2,700	-	90	-	90	-	90	-	2,790
SOUTH CAROLINA	16,657	22,397	-	-	-	1,431	40,485	-	17,643	2,450	20,093	1,467	21,560	393	62,438
SOUTH DAKOTA	13,022	27,125	691	-	-	1,218	42,056	-	14,221	9,323	23,544	1,783	25,327	-	67,383
TENNESSEE	30,311	4,175	15,412	-	10	726	50,634	-	135,925	7,435	143,360	299	143,659	4,177	198,470
TEXAS	397,404	42,859	58,274	-	33,655	125,790	657,982	-	79,671	-	79,671	6,645	86,316	73,016	817,314
UTAH	-	22,435	-	-	-	1,400	23,835	300	22,485	1,580	24,065	7,500	31,865	-	55,700
VERMONT	37,436	2,488	-	-	-	-	39,924	-	17,100	-	17,100	470	17,570	1,069	58,563
VIRGINIA 5/ 6/	300	72,000	48,000	13,000	-	28,000	161,300	-	25,503	-	25,503	213	25,716	86,810	273,826
WASHINGTON	133,828	13,186	178	-	1,040	8,163	156,395	-	106,342	5,394	111,736	50,314	162,050	5,045	323,490
WEST VIRGINIA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	63,849	229,843	-	-	-	-	293,692	-	108,525	-	108,525	1,029	109,554	19,762	423,008
WYOMING	4,045	17,394	-	-	-	-	21,439	165	6,057	127	6,184	746	7,095	-	28,534
TOTAL	2,120,789	2,689,738	548,228	568,292	99,895	945,899	6,972,841	61,277	4,017,057	463,083	4,480,140	420,431	4,961,848	718,143	12,652,832

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.

## DISBURSEMENTS BY COUNTIES AND TOWNSHIPS FOR HIGHWAYS - 1989<sup>1</sup>

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-2  
SEPTEMBER 1991

STATE	CAPITAL OUTLAY				MAINTENANCE			TRAFFIC POLICE	ADMINISTRATION AND MISCELLANEOUS	INTEREST <sup>4/</sup>	SUBTOTAL CURRENT DISBURSEMENTS	DEBT RETIREMENT <sup>4/</sup>	TRANSFERS TO			TOTAL
	RIGHT-OF-WAY <sup>2/</sup>	ENGINEERING <sup>3/</sup>	CONSTRUCTION	TOTAL	ROADS AND BRIDGES	SNOW REMOVAL	TOTAL						STATE GOVERNMENTS	LOCAL GOVERNMENTS	NON-HIGHWAY	
ALABAMA	-	3,428	34,661	38,089	136,393	-	136,393	4,628	8,706	3,945	191,761	13,565	-	-	-	205,327
ALASKA 6/	-	900	25,000	25,900	7,000	1,400	8,400	1,650	8,500	7,600	52,050	8,000	-	-	-	60,050
ARIZONA	8,014	8,420	22,546	38,980	51,554	1,189	52,753	3,750	16,966	6,232	116,681	5,940	99,361	1,224	-	225,206
ARKANSAS	-	2,618	17,704	20,322	76,156	-	76,156	1,300	4,824	-	102,602	-	-	-	-	102,602
CALIFORNIA	12,106	15,507	162,660	190,273	355,737	12,143	367,880	111,719	90,362	6,800	767,034	8,132	40,490	155,217	10,979	981,852
COLORADO	858	4,172	75,609	80,639	84,340	15,390	99,730	745	16,221	8,345	205,680	4,172	4,051	19,957	6,294	240,154
CONNECTICUT	-	685	10,734	11,419	29,758	3,307	33,065	464	963	158	46,089	-	-	-	-	46,596
DELAWARE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	53,978	44,937	282,095	380,910	201,630	-	201,630	24,286	128,601	20,983	756,410	273,404	169,899	3,945	15,083	1,218,741
GEORGIA	44,344	11,522	131,742	187,608	131,467	247	131,714	18,273	25,784	10,222	373,601	17,096	-	14,027	-	404,724
HAWAII	24	286	30,984	31,294	18,838	-	18,838	-	2,329	130	52,591	76	-	-	-	52,667
IDAH0	869	1,141	11,534	13,544	50,415	4,009	54,424	850	13,764	5	82,587	3	688	3,291	-	86,569
ILLINOIS	5,616	38,216	156,505	200,337	237,176	7,202	244,378	105	32,207	1,173	478,200	17,850	7,489	-	92,000	595,538
INDIANA	40	823	72,259	73,122	132,389	3,910	136,299	200	40,981	570	250,572	1,149	-	227	-	253,139
IOWA	3,703	4,436	44,850	52,989	155,123	9,470	164,593	2,000	26,900	-	246,482	-	2,750	209	-	249,441
KANSAS	7	2,689	27,192	29,888	74,201	-	74,201	55,149	54,885	4,052	218,175	28,030	5,406	867	-	252,478
KENTUCKY	569	1,195	41,651	43,415	64,806	2,535	67,341	6,889	7,803	219	125,657	1,543	604	-	-	127,814
LOUISIANA	-	2,284	32,668	34,952	75,241	-	75,241	8,710	16,010	13,705	148,618	7,681	-	48	-	156,347
MAINE	-	589	5,950	6,539	40,512	32,755	73,267	-	1,997	53	81,857	288	-	-	-	82,145
MARYLAND 5/ 6/	3,000	5,000	115,000	123,000	84,000	8,300	92,300	28,000	25,000	23,963	292,263	40,230	8	1,900	-	334,401
MASSACHUSETTS	26	441	13,771	14,238	30,278	6,376	36,654	3,807	4,100	251	59,150	5,543	62	745	-	65,500
MICHIGAN 6/	5,500	12,000	112,000	129,500	150,779	23,000	173,779	127,000	20,169	6,555	457,003	13,058	25,318	-	101	486,486
MINNESOTA 6/	8,100	17,000	175,000	200,100	185,000	26,000	211,000	36,000	37,000	3,770	487,870	10,890	15,091	6,275	-	519,925
MISSISSIPPI	-	-	5,949	5,949	108,781	-	108,781	120	1,057	4,664	120,571	21,066	408	5,362	-	148,027
MISSOURI	4,100	4,981	56,635	65,716	113,320	3,041	116,361	2,621	13,765	6,186	204,648	16,501	1,328	8,932	205	231,615
MONTANA	5,925	247	5,555	11,727	39,283	2,068	41,351	852	7,782	30	61,742	43	795	-	-	62,580
NEBRASKA	663	3,139	34,648	38,450	91,729	25	91,754	2,941	10,882	12,667	156,694	3,061	2,303	-	-	162,058
NEVADA 6/	2,000	2,400	24,000	28,400	20,000	-	20,000	3,900	4,300	7,734	64,334	12,000	5,289	-	-	81,623
NEW HAMPSHIRE 6/	-	800	12,000	12,800	17,000	13,000	30,000	2,800	5,000	1,018	51,618	2,500	-	-	37,000	91,118
NEW JERSEY	526	105	20,535	21,166	44,100	703	44,812	13,211	11,940	1,658	92,787	33,910	-	-	51	126,748
NEW MEXICO 6/	-	250	4,000	4,250	21,000	-	21,000	1,200	5,000	750	32,200	1,000	1,122	-	-	34,322
NEW YORK	-	59,825	306,186	366,011	381,007	87,208	468,215	65	48,938	27,219	910,448	51,770	-	32,601	3,037	997,856
NORTH CAROLINA 5/ 6/	-	-	-	-	-	-	-	-	-	-	-	-	1,023	-	-	1,023
NORTH DAKOTA	505	852	21,410	22,767	36,714	1,158	37,872	2,000	3,500	43	66,182	506	4,942	165	-	71,795
OHIO	13,206	34,681	92,053	139,940	221,538	20,419	241,957	16,639	43,700	1,757	443,993	9,520	12,399	5,186	-	471,198
OKLAHOMA	7	2,033	61,899	63,939	77,484	356	77,840	35	13,490	407	155,711	4,528	5,757	5,020	-	171,016
OREGON	3,889	5,627	69,551	79,067	76,899	4,379	81,278	12,419	23,940	2,184	198,889	5,513	3,751	21,563	-	229,715
PENNSYLVANIA	-	6,597	66,601	73,198	225,447	15,385	240,832	72,459	38,405	2,634	427,518	14,863	3,518	4,160	-	450,076
RHODE ISLAND 6/	-	70	600	670	1,300	230	1,530	500	205	10	2,915	-	-	-	-	2,945
SOUTH CAROLINA	208	836	15,471	16,515	30,688	202	30,890	9,164	4,431	69	61,069	646	84	524	-	62,322
SOUTH DAKOTA	10	435	18,260	18,705	38,926	3,551	42,487	1,351	1,706	-	64,249	-	2,486	650	-	67,385
TENNESSEE	22	2,823	37,500	40,345	116,761	2,382	119,143	317	13,318	1,793	174,916	4,476	6,847	-	8,794	195,033
TEXAS	14,429	10,554	278,565	303,548	371,369	5,000	371,369	6,279	93,997	148,229	923,422	40,489	15,446	6,557	2,968	988,882
UTAH	500	2,700	11,000	14,200	26,100	-	26,100	3,500	5,300	66	54,166	100	1,400	-	-	55,766
VERMONT	9	905	13,925	14,839	28,672	10,682	39,354	70	2,852	176	57,291	1,272	-	-	-	58,563
VIRGINIA 5/ 6/	2,500	1,300	75,000	78,800	45,000	2,000	47,000	44,000	3,000	7,252	160,052	10,000	39,757	-	10,000	239,809
WASHINGTON	6,480	20,793	73,069	100,342	125,062	10,455	135,517	5,240	49,048	6,885	297,032	9,109	-	-	-	306,141
WEST VIRGINIA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	5,164	8,612	81,913	95,689	167,765	41,340	209,105	59,345	19,065	6,122	389,326	14,885	18,101	696	-	423,008
WYOMING	10	727	6,272	7,009	14,821	2,313	17,134	1,500	1,613	-	27,256	-	1,121	-	-	28,377
<b>TOTAL</b>	<b>206,907</b>	<b>349,471</b>	<b>2,994,712</b>	<b>3,551,080</b>	<b>4,613,578</b>	<b>382,541</b>	<b>5,196,119</b>	<b>698,153</b>	<b>1,010,306</b>	<b>356,284</b>	<b>10,813,952</b>	<b>714,905</b>	<b>500,285</b>	<b>300,048</b>	<b>186,612</b>	<b>12,515,702</b>

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, TENNESSEE, AND 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.



**CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>**  
**COUNTY, TOWNSHIP OBLIGATIONS FOR HIGHWAYS - 1989**

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE L6-2  
SEPTEMBER 1991

STATE	TOTAL DEBT OUTSTANDING AT BEGINNING OF YEAR 2/	LONG TERM DEBT						SHORT TERM DEBT						TOTAL DEBT OUTSTANDING AT END OF YEAR
		AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR	AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR	
			ORIGINAL	REFUNDING BONDS, FUNDING NOTES	FROM CURRENT OR SINKING FUNDS	BY REFUNDING			ORIGINAL	EXTENSIONS	FROM CURRENT OR SINKING FUNDS	BY EXTENSIONS OR FUNDING		
ALABAMA 3/	56,197	54,176	30,285	-	12,914	-	71,547	2,021	3,612	-	652	-	4,961	76,528
ALASKA 4/	95,083	95,083	-	-	8,000	-	67,883	-	-	-	-	-	-	87,083
ARIZONA	95,178	95,178	23,467	-	5,940	-	112,705	-	-	-	-	-	-	112,705
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	26,007	26,007	127,566	-	8,132	-	145,441	-	-	-	-	-	-	145,441
COLORADO	878,734	878,506	2,239	-	3,919	-	876,926	128	252	-	131	-	249	877,175
CONNECTICUT	1,623	1,653	4,269	-	308	-	5,514	70	486	-	219	-	337	5,651
DELAWARE 3/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	475,920	468,115	61,241	-	256,123	-	273,233	7,805	49,115	-	17,091	-	39,829	313,062
GEORGIA	150,494	150,484	1,194	-	17,095	-	134,582	-	-	-	-	-	-	134,582
HAWAII	1,583	1,563	-	-	76	-	1,487	-	-	-	-	-	-	1,487
IDAHO	65	65	-	-	3	-	62	-	-	-	-	-	-	62
ILLINOIS	11,613	3,700	30,000	-	1,850	-	31,850	7,913	13,000	-	16,000	-	4,913	36,763
INDIANA	11,405	11,405	-	-	1,149	-	10,256	-	-	-	-	-	-	10,256
IOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	77,945	77,512	4,708	-	27,965	-	54,235	433	-	-	43	-	390	54,625
KENTUCKY	4,625	3,420	222	-	893	-	2,749	606	1,176	-	650	-	1,132	3,881
LOUISIANA	161,009	160,951	4,001	-	7,633	-	157,319	58	-	-	48	-	10	157,329
MAINE	749	718	27	-	263	-	482	31	48	-	25	-	54	536
MARYLAND 3/ 4/	342,332	341,872	5,000	-	40,000	-	306,872	460	-	-	230	-	230	307,102
MASSACHUSETTS	4,292	2,165	227	-	503	-	1,869	2,127	6,145	-	5,040	-	3,233	5,122
MICHIGAN	45,495	39,383	5,000	-	10,000	-	34,383	6,116	-	-	3,058	-	3,058	37,441
MINNESOTA 4/	53,851	47,364	4,000	-	10,000	-	41,364	6,487	-	-	690	-	5,797	47,161
MISSISSIPPI	68,245	67,484	300	-	16,582	-	51,202	762	5,481	-	4,504	-	1,739	52,941
MISSOURI	81,938	69,522	13,090	-	8,125	-	74,586	12,316	1,044	-	8,376	-	4,984	79,570
MONTANA	427	427	-	-	43	-	384	-	-	-	-	-	-	384
NEBRASKA	37,573	37,408	-	-	2,960	-	34,448	165	-	-	55	-	167	34,615
NEVADA 4/	110,488	110,488	5,000	-	12,000	-	103,488	-	57	-	-	-	-	103,488
NEW HAMPSHIRE 4/	14,549	4,582	-	-	500	-	4,082	9,967	-	-	2,000	-	7,967	12,049
NEW JERSEY	42,609	11,459	1,306	-	2,760	-	10,005	31,150	25,000	-	31,150	-	25,000	35,005
NEW MEXICO 4/	10,201	10,201	-	-	1,000	-	9,201	-	-	-	-	-	-	9,201
NEW YORK	410,435	353,977	36,518	-	56,328	-	334,157	56,458	26,480	-	36,630	-	46,308	380,475
NORTH CAROLINA 3/ 4/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA	934	703	306	-	300	-	709	231	50	-	206	-	75	784
OHIO	22,001	8,423	1,514	44	2,239	-	7,742	13,578	9,151	132	7,361	-	15,480	23,232
OKLAHOMA	7,557	7,111	1,950	-	4,041	-	5,020	446	1,202	-	487	-	1,161	6,181
OREGON	38,210	38,865	959	-	4,188	-	33,666	1,325	2,000	-	1,325	-	2,000	35,666
PENNSYLVANIA	41,315	41,315	18,563	-	14,883	-	44,935	-	-	-	-	-	-	44,935
RHODE ISLAND 4/	219	219	-	-	30	-	189	-	-	-	-	-	-	189
SOUTH CAROLINA	984	950	393	-	643	-	700	34	-	-	2	-	32	732
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	30,183	21,293	1,840	-	2,449	-	20,664	8,890	2,337	-	2,027	-	9,200	29,864
TEXAS	1,960,059	1,950,051	73,016	-	40,488	-	1,992,579	8	-	-	1	-	7	1,992,586
UTAH	940	940	-	-	100	-	840	-	-	-	-	-	-	840
VERMONT	3,882	3,665	778	-	1,078	-	3,365	217	291	-	194	-	314	3,679
VIRGINIA 3/ 4/	103,600	103,600	86,810	-	10,900	-	180,410	-	-	-	-	-	-	180,410
WASHINGTON	98,358	98,358	5,045	-	9,109	-	94,294	-	-	-	-	-	-	94,294
WEST VIRGINIA 3/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	81,154	81,154	19,762	-	14,885	-	86,031	-	-	-	-	-	-	86,031
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5,659,437	5,489,635	570,806	44	617,519	-	5,442,766	169,602	146,938	132	138,215	-	178,657	5,621,423

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

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

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

4/ ESTIMATED BY FHWA.

### RECEIPTS OF MUNICIPALITIES FOR HIGHWAYS - 1989<sup>1</sup>

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-1  
SEPTEMBER 1991

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	MISCEL-LANEOUS	TOTAL	COUNTIES AND TOWNSHIPS	STATES			FEDERAL 4/			TOTAL
									HIGHWAY-USER IMPOSTS 3/	OTHER 3/	TOTAL				
ALABAMA	1,802	67,437	18,634	-	-	15,909	103,782	-	20,879	1,686	22,565	3,164	25,729	4,170	133,681
ALASKA 5/	29,000	50,000	4,700	-	-	9,000	92,700	-	-	37,000	-	-	37,000	7,000	136,700
ARIZONA	26,670	35,162	-	-	-	47,070	108,902	1,224	204,112	5,197	209,309	6,123	216,656	137,801	463,359
ARKANSAS	11,722	12,156	-	-	-	28,947	52,825	-	40,812	12,126	52,938	-	52,938	-	105,763
CALIFORNIA	107,299	750,583	-	64,512	-	445,789	1,368,183	155,217	326,563	-	326,563	63,909	545,689	39,407	1,953,279
COLORADO	18,864	51,916	-	59,291	1,137	47,773	178,981	19,957	51,843	12,488	64,331	1,617	85,905	48,286	313,172
CONNECTICUT	-	224,936	-	-	-	8,848	233,784	-	19,429	-	19,429	-	19,429	12,371	265,584
DELAWARE	-	16,039	-	-	-	292	16,331	-	3,000	-	3,000	-	3,000	1,214	20,546
FLORIDA	16,880	142,836	108,480	-	4,066	44,592	316,854	3,945	65,372	57,348	122,720	3,375	130,040	31,853	478,847
GEORGIA	883	153,937	748	-	-	1,080	156,648	14,027	-	2,479	2,479	406	16,912	5,902	179,462
HAWAII	-	29,773	18,010	11,444	-	5,817	65,044	-	-	-	-	45	45	16,903	81,992
IDAHO	1,675	292	-	-	-	3,866	5,853	3,291	15,245	2,445	17,690	-	20,981	-	26,834
ILLINOIS	24,335	64,847	176,930	-	20,235	69,060	355,407	-	150,773	22,875	173,648	1,000	174,648	12,150	542,205
INDIANA	11,737	64	12,820	-	-	13,775	38,396	227	89,841	8,091	97,932	3,004	101,163	-	139,559
IOWA	111,103	22,383	-	-	870	13,481	147,837	209	77,187	22,756	99,943	21,427	121,579	44,130	313,546
KANSAS	4,079	214,825	-	50,077	-	4,492	273,473	867	33,289	4,938	38,227	135	39,229	56,352	369,054
KENTUCKY	1,778	47,607	1,942	-	-	2,486	53,813	-	26,876	3,819	30,695	157	30,852	-	84,665
LOUISIANA	78,432	66,967	-	42,881	-	14,782	203,062	48	187	3,364	3,551	5,652	9,251	7,042	219,355
MAINE	-	42,668	-	-	-	-	42,668	-	6,088	-	6,088	584	6,672	13,395	62,735
MARYLAND 5/	10,000	25,000	190	-	-	13,000	48,190	1,900	177,881	9,000	186,881	17,106	205,887	6,000	260,077
MASSACHUSETTS	342,872	10,605	-	-	-	5,845	359,322	745	33,621	113	33,734	4,493	38,972	48,651	446,945
MICHIGAN 5/	14,000	140,000	-	-	-	-	154,000	-	202,046	225	202,271	-	202,271	5,000	500,271
MINNESOTA	39,216	393,467	-	-	-	62,301	494,984	6,275	41,733	63,629	105,362	-	111,637	92,318	698,939
MISSISSIPPI	-	62,237	-	-	-	439	62,676	5,962	1,481	2,319	3,800	6,938	16,700	39,207	118,583
MISSOURI	13,454	3,897	2,878	73,178	1,739	21,345	116,491	8,932	66,842	18,429	85,271	11,143	105,346	9,056	230,893
MONTANA	15,859	11,428	-	7,301	-	-	34,588	-	7,875	1,054	8,929	-	8,929	1,281	44,798
NEBRASKA	37,255	26,969	7,664	-	466	5,738	78,092	-	38,719	14,730	53,449	11,512	64,961	9,717	152,770
NEVADA 5/	17,000	17,000	-	-	-	4,500	21,500	-	15,401	1,900	17,301	-	17,301	-	38,801
NEW HAMPSHIRE 5/	-	70,000	18,000	-	-	-	88,000	-	314	6,400	6,714	-	6,714	-	94,714
NEW JERSEY	-	316,260	-	-	-	-	316,260	-	949	-	949	-	949	381,852	699,061
NEW MEXICO 5/	4,100	30,000	-	-	-	2,300	36,400	-	6,529	1,300	7,829	31	7,860	26,000	70,260
NEW YORK	287,524	729,673	30,195	-	593,175	141,786	1,782,353	32,601	88,094	5,151	93,245	1,745	127,591	498,193	2,408,137
NORTH CAROLINA	3,210	152,390	8,750	-	-	15,023	179,373	-	67,673	-	67,673	1,330	69,003	67,154	315,530
NORTH DAKOTA	20,959	4,258	-	-	-	1,013	26,230	165	12,851	535	13,386	-	13,551	10,437	50,218
OHIO	86,585	128,435	-	-	-	82,670	297,690	5,186	155,711	10,234	165,945	11,193	182,324	88,028	568,042
OKLAHOMA	4,846	74,450	-	794	-	6,215	86,305	5,020	12,553	3,413	15,966	180	21,166	37,042	144,513
OREGON	23,055	31,722	-	-	1,684	38,238	94,699	21,563	51,975	825	52,800	3,893	78,256	13,762	186,717
PENNSYLVANIA	193,754	299,267	-	-	-	64,919	557,940	4,160	79,274	-	79,274	9,718	93,152	8,569	659,661
RHODE ISLAND 5/	2,500	40,000	-	-	-	-	42,500	-	300	-	300	-	300	-	42,800
SOUTH CAROLINA	2,977	39,998	-	456	-	-	43,431	524	-	522	202	997	2,043	-	45,474
SOUTH DAKOTA	3,084	38,636	86	-	-	-	41,806	650	3,781	602	4,383	-	5,033	4,199	51,038
TENNESSEE	71	42,779	20,406	-	-	1,292	64,548	-	67,856	7,438	75,294	103	75,397	200	140,145
TEXAS	424,620	676,979	-	-	14,850	217,021	1,333,470	6,557	49,835	49,835	99,670	19,472	75,864	193,062	1,602,396
UTAH	-	61,901	-	-	-	1,000	62,901	100	20,198	1,401	21,599	621	22,320	-	85,221
VERMONT	12,533	242	-	-	-	-	12,775	-	3,022	-	3,022	97	3,119	3,689	19,583
VIRGINIA 5/	10,000	54,000	32,000	1,000	15,427	19,693	132,120	-	140,000	2,000	142,000	400	142,400	30,000	304,520
WASHINGTON	58,377	36,769	2,592	47,465	-	27,381	172,584	-	58,840	12,451	71,291	22,787	94,078	17,274	283,936
WEST VIRGINIA 6/	-	46,711	8	-	1,015	3,898	51,632	-	-	-	-	-	-	15,000	66,632
WISCONSIN	121,665	253,604	232	-	50	3	375,554	696	109,643	-	109,643	110	110,449	64,723	550,726
WYOMING	3,241	-	-	32,892	-	114	36,247	-	2,849	50	2,899	118	3,017	85	39,349
TOTAL	2,182,016	5,813,105	465,265	391,291	654,714	1,512,813	11,019,204	300,048	2,599,507	410,168	3,009,675	234,585	3,544,308	2,108,575	16,672,087

1/ THIS TABLE IS ONE OF THE MUNICIPAL GOVERNMENT STREET FINANCE SERIES; TABLES UF-2, 32, 42 AND UB-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: FLOOD RELIEF, URBAN AREA DEVELOPMENT, SAFETY, CIVIL DEFENSE, SOME FEDERAL-AID FUNDS AND OTHER MISCELLANEOUS PAYMENTS.  
 5/ ESTIMATED BY FHWA.  
 6/ 1990 DATA.

# DISBURSEMENTS BY MUNICIPALITIES FOR HIGHWAYS - 1989<sup>1</sup>

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-2  
SEPTEMBER 1991

STATE	CAPITAL OUTLAY				MAINTENANCE			TRAFFIC POLICE 4/	ADMINIS- TRATION AND MISCEL- LANEODS	INTEREST 5/	SUBTOTAL CURRENT DISBURSE- MENTS	DEBT RETIRE- MENT 5/	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	-	67	1,902	1,969	103,526	-	103,526	239	32	1,889	107,655	2,470	-	-	18,634	128,759
ALASKA 6/	-	2,200	89,000	91,200	26,500	3,400	29,900	13,180	11,290	8,900	154,470	8,800	-	-	-	163,270
ARIZONA	39,380	32,008	155,368	226,754	82,567	567	83,134	21,545	20,653	41,363	393,449	33,742	2,924	1,109	24,679	455,903
ARKANSAS	3,801	5,845	25,095	34,741	59,061	-	59,061	3,200	4,884	619	102,505	1,725	-	-	-	104,230
CALIFORNIA	23,583	81,989	828,998	934,570	761,763	1,219	762,982	327,133	159,121	43,310	2,227,116	68,928	51,535	18,175	-	2,385,754
COLORADO	4,010	10,660	64,415	79,085	87,542	8,939	96,481	44,908	16,796	16,954	254,224	42,925	5,987	148	-	303,284
CONNECTICUT	-	3,136	49,136	52,272	161,883	17,987	179,870	6,972	17,242	3,533	259,889	5,695	-	-	-	265,584
DELAWARE	-	50	2,176	2,226	7,315	517	7,832	5,806	311	758	15,933	3,427	-	-	-	20,360
FLORIDA	9,051	19,963	136,225	165,239	123,443	-	123,443	73,174	70,500	7,100	439,456	55,448	2,481	20,033	-	517,418
GEORGIA	4,240	5,567	36,585	46,392	88,641	196	88,837	31,328	8,632	2,027	177,216	2,246	-	-	-	179,462
HAWAII	1,103	3,257	9,407	13,767	23,598	-	23,598	4,500	10,631	4,097	55,593	4,009	-	-	18,010	78,612
IDAHO	375	455	4,802	5,432	16,807	372	17,179	800	4,191	115	27,717	82	-	-	-	27,799
ILLINOIS	5,673	18,000	86,500	110,173	274,184	18,575	292,759	8,385	34,798	8,056	454,171	5,770	12,706	-	6,050	478,697
INDIANA	798	2,661	23,154	26,613	41,406	4,601	46,007	25,458	25,457	4,702	128,237	4,080	-	-	-	151,875
IOWA	3,859	13,565	93,110	110,534	92,685	15,790	108,475	15,000	11,105	22,253	267,367	43,709	2,512	-	-	313,588
KANSAS	37	780	7,882	8,699	55,240	-	55,240	135,597	37,184	12,052	248,772	52,227	6,607	276	-	307,882
KENTUCKY	568	545	17,911	19,024	28,394	642	29,036	29,379	3,364	291	81,094	1,262	241	-	-	82,597
LOUISIANA	3,804	12,316	49,518	65,638	60,325	-	60,325	51,747	13,558	23,336	214,604	21,105	-	-	-	235,709
MAINE	-	1,251	12,851	13,902	17,580	12,149	29,729	9,778	2,480	2,200	58,089	4,646	-	-	-	62,735
MARYLAND 6/	-	2,000	140,000	142,000	60,000	4,100	64,100	12,800	10,000	8,680	237,580	13,000	-	150	-	250,730
MASSACHUSETTS	4,360	7,598	72,246	84,204	179,696	25,625	205,321	79,407	39,774	4,930	413,636	20,909	351	34	-	434,930
MICHIGAN 6/	5,500	12,000	112,000	129,500	140,000	18,000	158,000	129,000	19,000	6,127	441,627	10,000	437	-	-	452,064
MINNESOTA	-	14,554	267,308	281,862	158,916	20,463	179,399	60,249	36,764	44,424	602,999	66,812	29,429	-	-	698,339
MISSISSIPPI	456	1,131	14,376	15,963	51,535	-	51,535	23,916	467	10,213	102,894	8,507	1,462	-	-	112,663
MISSOURI	3,917	13,748	70,333	87,999	92,421	7,590	100,011	36,814	13,412	6,469	244,705	6,919	4,013	3,996	-	259,633
MONTANA	848	100	1,546	2,494	13,148	1,172	14,320	1,100	1,093	1,578	20,585	131	933	-	-	21,649
NEBRASKA	516	7,088	51,042	58,646	32,899	2,936	35,835	12,838	8,769	13,551	129,639	30,255	6,455	-	171	166,520
NEVADA 6/	400	600	6,000	7,000	12,000	-	12,000	7,000	1,200	457	27,657	650	-	12,500	-	40,807
NEW HAMPSHIRE 6/	-	2,000	13,000	15,000	16,000	13,000	29,000	7,000	8,000	1,476	60,476	2,546	5,650	-	18,000	86,672
NEW JERSEY	-	233	2,361	2,594	252,492	12,317	264,809	50,000	43,108	16,935	377,446	319,816	-	-	-	697,262
NEW MEXICO 6/	-	1,000	37,000	38,000	17,500	-	17,500	4,000	6,200	1,200	66,900	4,000	-	-	-	70,900
NEW YORK	-	8,460	611,800	620,260	764,727	90,015	854,742	122,687	84,822	164,681	1,837,072	78,549	-	1,796	431,909	2,349,326
NORTH CAROLINA	14,726	11,986	75,735	102,427	75,346	1,875	77,221	66,145	22,316	9,386	277,475	8,799	6,906	-	-	293,180
NORTH DAKOTA	145	569	10,704	11,517	10,289	2,344	12,613	4,000	954	7,050	35,134	13,223	4,086	124	-	53,547
OHIO	6,027	14,544	147,630	163,201	243,647	26,338	270,185	11,610	15,512	20,110	480,818	60,885	10,569	1,792	-	563,864
OKLAHOMA	3,972	2,794	26,020	32,786	36,993	633	37,626	44,000	8,141	6,351	128,904	8,267	-	300	-	137,471
OREGON	2,173	7,689	44,391	54,253	60,250	1,443	61,693	20,369	13,738	7,202	157,255	29,308	4,994	380	-	191,937
PENNSYLVANIA	-	8,003	80,916	88,919	188,849	14,829	203,678	256,271	53,441	2,181	604,490	29,267	11,726	-	-	645,483
RHODE ISLAND 6/	-	5	14,000	14,005	9,000	3,000	12,000	5,000	2,200	4,500	37,705	6,400	-	-	-	44,105
SOUTH CAROLINA	30	846	5,447	6,323	15,084	149	15,233	21,740	1,739	247	45,282	184	12	-	-	45,478
SOUTH DAKOTA	-	802	11,707	12,509	15,533	1,523	17,056	14,126	3,376	1,256	48,323	2,286	-	-	-	50,609
TENNESSEE	-	2,605	34,810	37,415	78,183	3,258	81,441	2,477	2,995	4,861	129,189	10,248	6,547	-	2,738	148,722
TEXAS	19,146	32,696	423,115	474,857	317,102	-	317,102	376,631	111,715	194,125	1,474,430	160,856	23,365	-	11,985	1,670,636
UTAH	700	4,700	25,000	30,400	33,300	7,000	40,300	5,000	7,200	-	83,100	-	1,900	300	-	85,300
VERMONT	-	460	6,344	6,804	8,706	2,664	11,370	194	957	47	19,372	211	-	-	-	19,583
VIRGINIA 6/	150	2,000	30,000	32,150	128,880	18,000	146,880	52,000	20,387	29,674	281,091	34,035	14,319	-	-	329,339
WASHINGTON	8,310	18,067	102,609	128,986	63,056	3,248	66,304	38,836	37,256	10,050	281,232	20,548	-	-	-	301,780
WEST VIRGINIA 2/	137	4,187	7,955	12,289	46,560	5,281	47,081	2,050	1,949	1,253	64,622	2,082	83	-	-	66,787
WISCONSIN	2,446	9,785	110,085	122,316	134,736	32,629	167,365	114,715	41,788	34,266	480,450	56,504	13,779	-	-	550,733
WYOMING	22	1,064	10,631	11,717	11,764	1,552	13,316	5,752	2,236	407	33,428	2,558	3,196	165	-	39,347
TOTAL	174,263	407,609	4,255,354	4,837,226	5,381,252	401,198	5,782,450	2,395,836	1,072,738	807,122	14,895,372	1,370,051	254,737	61,278	532,176	17,113,614

1/ THIS TABLE RECORDS THE DISBURSEMENTS FOR ROAD AND STREET PURPOSES BY MUNICIPALITIES INCLUDING TOLL FACILITIES. SEE TABLE LF-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 COMMINGLED WITH GENERAL POLICE ACTIVITIES ARE USUALLY NOT REPORTED. IN SOME INSTANCES, ESTIMATES WERE USED.  
5/ INCLUDES PAYMENTS FOR LONG AND SHORT TERM DEBT. ALSO, THE INTEREST COLUMN INCLUDES SMALL CHARGES FOR ADMINISTRATION.  
6/ ESTIMATED BY FHWA.  
7/ 1990 DATA.

Highway Finance

## CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>

### MUNICIPAL OBLIGATIONS FOR HIGHWAYS - 1989

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UB-2  
SEPTEMBER 1991

STATE	TOTAL DEBT OUTSTANDING AT BEGINNING OF YEAR 2/	LONG TERM DEBT						SHORT TERM DEBT						TOTAL DEBT OUTSTANDING AT END OF YEAR
		AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR	AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR	
			ORIGINAL	REFUNDING BONDS, OR FUNDING NOTES	FROM CURRENT SINKING FUNDS	BY REFUNDING			ORIGINAL	EXTENSIONS	FROM CURRENT OR SINKING FUNDS	BY EXTENSIONS OR FUNDING		
ALABAMA	31,360	31,167	3,349	-	2,270	-	32,246	193	821	-	200	-	814	33,060
ALASKA 3/	125,268	125,264	7,000	-	8,800	-	123,464	4	-	-	2	-	2	123,466
ARIZONA	456,892	456,613	137,363	-	33,606	-	560,370	279	438	-	136	-	581	560,951
ARKANSAS	8,840	8,840	-	-	1,725	-	7,115	-	-	-	-	-	-	7,115
CALIFORNIA	580,067	572,637	34,657	-	61,498	-	545,796	7,430	4,750	-	7,430	-	4,750	550,546
COLORADO	220,883	212,523	35,776	23,190	17,173	22,344	232,072	8,260	913	-	3,621	-	5,552	237,624
CONNECTICUT	55,559	53,448	10,436	-	5,123	-	58,761	2,111	1,935	-	572	-	3,474	62,235
DELAWARE	10,716	9,814	795	-	3,398	-	7,211	902	419	-	29	-	1,292	8,503
FLORIDA	138,333	133,087	31,953	-	50,202	-	114,838	5,246	-	-	5,246	-	-	114,838
GEORGIA	25,842	25,842	5,902	-	2,246	-	29,499	-	-	-	-	-	-	29,499
HAWAII	59,892	59,892	16,903	-	4,009	-	72,786	-	-	-	-	-	-	72,786
IDAHO	1,641	1,641	-	-	82	-	1,559	-	-	-	-	-	-	1,559
ILLINOIS	167,540	166,870	12,000	-	5,640	-	173,230	670	150	-	130	-	690	173,920
INDIANA	67,470	67,470	-	-	4,080	-	63,390	-	-	-	-	-	-	63,390
IOWA	279,493	279,493	44,130	-	43,709	-	279,914	-	-	-	-	-	-	279,914
KANSAS	190,217	186,960	33,249	-	47,088	-	173,121	3,257	27,406	-	5,139	-	25,524	198,645
KENTUCKY	4,396	4,326	-	-	1,193	-	3,133	70	-	-	69	-	1	3,134
LOUISIANA	323,797	323,797	7,042	-	21,105	-	309,734	-	-	-	-	-	-	309,734
MAINE	34,379	33,569	13,251	-	3,927	-	42,893	810	144	-	719	-	236	43,128
MARYLAND 3/	123,354	123,354	6,000	-	13,000	-	116,354	-	-	-	-	-	-	116,354
MASSACHUSETTS	70,537	66,817	32,229	-	11,554	-	87,492	3,720	16,422	-	9,355	-	10,787	98,279
MICHIGAN 3/	87,524	87,524	5,000	-	10,000	-	82,524	-	-	-	-	-	-	82,524
MINNESOTA	633,801	633,801	92,318	-	66,812	-	659,307	-	-	-	-	-	-	659,307
MISSISSIPPI	111,226	111,226	39,136	-	8,467	-	141,935	-	71	-	40	-	31	141,926
MISSOURI	84,457	84,457	9,056	-	6,919	-	86,594	-	-	-	-	-	-	86,594
MONTANA	22,549	22,549	1,280	-	131	-	23,698	-	-	-	-	-	-	23,698
NEBRASKA	198,556	188,230	1,442	3,833	22,963	6,307	164,235	10,326	4,442	-	3,785	-	10,983	175,218
NEVADA 3/	6,526	6,526	-	-	650	-	5,876	-	-	-	-	-	-	5,876
NEW HAMPSHIRE 3/	21,249	21,158	-	-	2,500	-	18,658	91	-	-	46	-	45	18,703
NEW JERSEY	220,600	4,024	3,723	-	3,083	-	4,664	216,576	378,129	-	316,733	-	277,972	282,636
NEW MEXICO 3/	11,511	11,511	26,000	-	4,000	-	33,511	-	-	-	-	-	-	33,511
NEW YORK	1,913,442	1,828,914	436,441	-	62,288	-	2,203,067	84,528	61,782	-	53,344	-	92,966	2,296,033
NORTH CAROLINA	127,156	127,107	66,099	-	8,789	-	184,417	49	1,055	-	10	-	1,094	185,511
NORTH DAKOTA	117,174	117,174	10,437	-	13,223	-	114,388	-	-	-	-	-	-	114,388
OHIO	267,375	160,185	21,516	4,846	18,044	-	168,503	107,190	43,071	18,596	42,841	-	125,016	294,519
OKLAHOMA	80,317	80,317	37,042	-	8,270	-	109,089	-	-	-	-	-	-	109,089
OREGON	110,908	105,519	4,351	-	21,992	-	87,878	5,389	9,411	-	7,316	-	7,484	95,362
PENNSYLVANIA	100,457	100,457	8,589	-	29,647	-	79,379	-	-	-	-	-	-	79,379
RHODE ISLAND 3/	54,409	54,409	-	-	6,400	-	48,009	-	-	-	-	-	-	48,009
SOUTH CAROLINA	3,678	3,640	-	-	182	-	3,458	38	-	-	2	-	36	3,494
SOUTH DAKOTA	13,337	13,337	4,199	-	2,286	-	15,250	-	-	-	-	-	-	15,250
TENNESSEE	94,845	94,707	-	-	10,214	-	84,493	138	200	-	34	-	304	84,797
TEXAS	2,564,997	2,564,997	193,062	-	160,856	-	2,597,203	-	-	-	-	-	-	2,597,203
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT	369	369	3,620	-	203	-	3,786	-	69	-	8	-	61	3,847
VIRGINIA 3/	462,973	462,973	30,000	-	34,035	-	458,938	-	-	-	-	-	-	458,938
WASHINGTON	143,577	143,577	17,274	-	20,548	-	140,303	-	-	-	-	-	-	140,303
WEST VIRGINIA 4/	5,363	5,363	15,000	-	2,082	-	18,281	-	-	-	-	-	-	18,281
WISCONSIN	453,387	453,387	64,723	-	56,504	-	461,606	-	-	-	-	-	-	461,606
WYOMING	6,222	6,218	85	-	2,556	-	3,747	4	-	-	2	-	2	3,749
<b>TOTAL</b>	<b>10,894,461</b>	<b>10,437,180</b>	<b>1,522,408</b>	<b>31,869</b>	<b>925,072</b>	<b>28,651</b>	<b>11,037,734</b>	<b>457,281</b>	<b>551,628</b>	<b>18,596</b>	<b>456,809</b>	<b>-</b>	<b>570,696</b>	<b>11,608,430</b>

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

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

**LOCAL GOVERNMENT HIGHWAY CAPITAL OUTLAY – 1989<sup>1</sup>**  
**CLASSIFIED BY FUNCTIONAL SYSTEM**

COMPILED FROM THE REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LGF-12  
OCTOBER 1991

STATE	IN RURAL AREAS						IN URBAN AREAS 2/					
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL
ALABAMA 3/	-	-	-	19,243	1,791	21,034	-	-	-	5,056	1,942	6,998
ALASKA	-	-	-	283	-	283	-	-	-	-	1,612	1,612
ARIZONA	-	-	-	12,305	10,753	23,058	-	-	110,467	12,065	9,603	132,135
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	-	-	3	31,814	12,849	44,666	5,863	8,522	376,732	194,773	49,076	634,966
COLORADO	-	-	-	-	-	-	-	-	-	-	28,539	28,539
CONNECTICUT	-	-	-	1,635	2,872	4,507	-	-	413	3,224	14,799	18,436
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA	-	5,011	4,100	6,226	7,588	22,925	-	-	13,061	25,756	11,407	50,224
HAWAII	-	-	1,220	1,289	1,598	4,107	-	-	5,954	2,984	7,368	16,306
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA	-	-	1,094	4,532	6,407	12,033	-	391	8,642	6,931	12,447	28,411
IOWA	-	-	-	74,281	10,837	85,118	-	-	16,855	24,334	20,850	62,039
KANSAS	-	14	55	5,294	604	5,967	-	56	3,666	3,344	2,684	9,750
KENTUCKY	-	-	-	-	155	155	-	-	45	1,089	3,018	4,152
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-
MAINE	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS	-	-	404	5,202	5,085	10,691	-	-	11,628	12,466	14,472	38,566
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	-	-	-	-	-	-	-	197	17,898	43,368	14,333	75,796
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA	-	-	166	14,989	4,377	19,532	-	8,447	765	23,667	7,506	40,385
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE	-	-	-	1,630	-	1,630	-	-	3,245	6,931	2,240	12,416
NEW JERSEY	-	-	558	1,302	4,652	6,512	-	-	-	9,005	372	9,377
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA 3/	-	28	31	191	70	320	-	237	2,540	5,999	6,566	15,342
NORTH DAKOTA	-	-	-	10,582	5,320	15,902	-	-	783	1,190	563	2,536
OHIO	-	-	-	13,131	22,330	35,461	-	-	12,919	34,319	38,202	85,440
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	15,913	15,913	-	-	-	-	146,194	146,194
RHODE ISLAND	-	-	-	140	162	302	-	-	2,799	121	436	3,356
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA	-	-	-	9,991	11,109	21,100	-	-	-	4,521	3,228	7,749
TENNESSEE	-	-	-	-	45,632	45,632	-	919	15,850	4,365	10,794	31,928
TEXAS	-	19	2,194	5,018	792	8,023	398	106,386	195,293	70,839	6,976	379,892
UTAH	-	-	-	1,700	3,300	5,000	-	-	600	5,500	6,900	13,000
VERMONT	-	17	66	2,298	2,887	5,268	-	34	747	1,391	2,257	4,429
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON	-	-	-	333	31,026	31,359	-	-	27,679	32,377	26,509	86,565
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	211	795	1,006
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	-	-	-	353	4,914	5,267	-	-	229	3,382	1,317	4,928
TOTAL	-	5,089	9,891	223,762	213,023	451,765	6,261	125,189	828,810	539,208	453,005	1,952,473

1/ TABLE LGF-12 SHOWS CAPITAL OUTLAY BY FUNCTIONAL SYSTEM. DUE TO THE VARIED METHODS USED TO DEVELOP THESE DATA, THE LEVEL OF CONFIDENCE CANNOT BE ASCERTAINED.

2/ URBAN AREAS INCLUDE SMALL URBAN AND URBANIZED AREAS.  
3/ 1990 DATA.

# RECEIPTS OF COUNTY TOLL FACILITIES - 1989<sup>1</sup>

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-32  
SEPTEMBER 1991

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

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

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

# DISBURSEMENTS FOR COUNTY TOLL FACILITIES - 1989 <sup>1</sup>

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-42  
SEPTEMBER 1991

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

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

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

# RECEIPTS OF MUNICIPAL TOLL FACILITIES - 1989<sup>1</sup>

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-32  
SEPTEMBER 1991

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

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

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



# DISBURSEMENTS FOR MUNICIPAL TOLL FACILITIES - 1989<sup>1</sup>

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-42  
SEPTEMBER 1991

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	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	-	773	209	-	-	982	-	982	-	-
FLORIDA	BROAD CAUSEWAY 3/	17	1,200	200	4	7	1,428	-	1,428	71	64
	CLEARWATER TOLL BRIDGE 3/	-	325	190	66	200	781	-	781	5,582	5,382
	TREASURE ISLAND CAUSEWAY 4/	-	1,055	-	176	100	1,331	-	1,331	1,320	1,773
	TOTAL	17	2,580	390	246	307	3,540	-	3,540	6,973	7,219
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE	-	5,136	1,067	5,500	-	11,703	-	11,703	101,000	101,000
	MCKINLEY BRIDGE	-	838	768	779	1,130	3,515	-	3,515	11,125	9,995
	ROCK ISLAND CENTENNIAL BRIDGE	-	906	66	85	210	1,267	-	1,267	1,180	970
	TOTAL	-	6,880	1,901	6,364	1,340	16,485	-	16,485	113,305	111,965
IOWA	MACARTHUR (BURLINGTON) BRIDGE	3	277	137	38	200	655	-	655	774	574
MISSOURI	BROADWAY BRIDGE	9	547	-	158	-	714	-	714	1,800	1,800
NEBRASKA	BELLEVUE BRIDGE	-	137	21	248	-	406	-	406	2,800	2,800
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS	10,000	101,146	22,667	38,877	25,000	197,690	5/ 381,931	579,621	725,393	700,393
	BATTERY STATEN ISLAND FERRY	-	28,702	4,897	-	-	33,599	-	33,599	6,676	6,676
	TOTAL	10,000	129,848	27,564	38,877	25,000	231,289	381,931	613,220	732,069	707,069
OREGON	CASCADE LOCKS BRIDGE	-	122	76	18	18	234	-	234	259	241
	HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE	146	141	133	8	-	428	-	428	115	115
	TOTAL	146	263	209	26	18	662	-	662	374	356
TEXAS	DEL RIO INTERNATIONAL BRIDGE	158	153	149	284	80	824	375	1,199	3,700	3,620
	EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE	-	354	188	5	40	587	1,228	1,815	130	90
	LAREDO-NUEVO LAREDO INTERNATIONAL BRIDGE	-	390	490	709	250	1,839	6,035	7,874	8,985	9,185
	MCALEN INTERNATIONAL TOLL BRIDGE	59	353	465	359	460	1,696	2,749	4,445	5,355	4,895
	EL PASO INTERNATIONAL BRIDGE	-	233	220	-	-	453	1,598	2,051	-	-
	TOTAL	217	1,483	1,512	1,357	830	5,399	11,985	17,384	18,170	17,790
VIRGINIA	SOUTH NORFOLK BRIDGE	-	612	62	-	-	674	-	674	-	-
	RICHMOND EXPRESSWAY SYSTEM	-	3,268	1,325	6,753	2,035	13,381	-	13,381	135,535	133,500
	TOTAL	-	3,880	1,387	6,753	2,035	14,055	-	14,055	135,535	133,500
WEST VIRGINIA	PARKERSBURG BRIDGE	-	232	224	203	582	1,241	-	1,241	5,363	4,781
WISCONSIN	CASSVILLE CAR FERRY	-	37	23	-	-	60	-	60	-	-
GRAND TOTAL		10,392	146,937	33,577	54,270	30,312	275,488	393,916	669,404	1,017,163	987,854

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

2/ PAYMENTS TO MUNICIPAL GENERAL FUNDS FOR HIGHWAY AND OTHER

PURPOSES.

3/ ESTIMATED BY FHWA.

4/ 1990 DATA.

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

## ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

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

### EFFECTS OF CHANGES IN DATA REPORTING PROCEDURES

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

#### Modifications to tables

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

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

The tables have been organized into three general areas:

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

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

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

### EXISTING MILEAGE

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

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

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

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

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

### Surface types

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

## FEDERAL-AID SYSTEM MILEAGE

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

### System realignment

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

### Federal-aid Primary System

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

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

### Interstate System

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

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

### National Network for Trucks

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

### Federal-aid Secondary System

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

### Federal-aid Urban System

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

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

### Mileage characteristics

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

### Count of bridges

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

### MILEAGE BY FUNCTIONAL SYSTEM

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

### Volume-service flow ratio

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

### Pavement condition

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

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

### Measured pavement roughness

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

### Lane mileage

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

### Count of bridges

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

### Local functional system

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

### Urbanized area mileage, travel, and other characteristics

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

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

### Interstate functional system

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

### HIGHWAY USAGE CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

**PUBLIC ROAD AND STREET MILEAGE - 1990<sup>1</sup>**

**CLASSIFIED BY TYPE OF SURFACE AND FUNCTIONAL SYSTEM**

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

TABLE HM-12  
 SEPTEMBER 1991

JURISDICTION/FUNCTIONAL SYSTEM	UNPAVED MILEAGE 2/				PAVED MILEAGE 3/					TOTAL	TOTAL MILEAGE
	UNIM-PROVED	GRADED AND DRAINED	GRAVEL OR STONE	TOTAL	LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE				
							FLEXIBLE	COMPOSITE	RIGID		
<b>RURAL:</b>											
<b>UNDER STATE CONTROL:</b>											
<b>PRINCIPAL ARTERIAL:</b>											
INTERSTATE	-	-	-	-	-	1,039	15,034	5,671	11,803	33,547	33,547
OTHER	-	-	-	-	487	4,019	53,592	15,698	9,732	83,528	83,528
MINOR ARTERIAL	-	-	36	36	2,253	18,053	97,215	18,732	5,886	142,139	142,175
MAJOR COLLECTOR	35	297	2,551	2,883	21,359	40,956	125,087	14,320	3,873	205,595	208,478
MINOR COLLECTOR	27	290	907	1,224	12,471	19,753	34,619	1,678	234	68,755	69,979
<b>SUBTOTAL</b>	<b>62</b>	<b>587</b>	<b>3,494</b>	<b>4,143</b>	<b>36,570</b>	<b>83,820</b>	<b>325,547</b>	<b>56,099</b>	<b>31,528</b>	<b>533,564</b>	<b>597,707</b>
<b>NOT UNDER STATE OR FEDERAL CONTROL:</b>											
<b>PRINCIPAL ARTERIAL:</b>											
INTERSTATE	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	1	136	-	-	137	137
MINOR ARTERIAL	-	-	-	-	3	180	706	35	109	1,033	1,033
MAJOR COLLECTOR	299	2,384	45,283	47,966	36,259	55,813	75,218	1,929	6,102	175,320	223,288
MINOR COLLECTOR	621	9,197	83,364	93,382	23,035	48,306	44,333	746	1,910	118,330	211,712
<b>SUBTOTAL</b>	<b>1,120</b>	<b>11,581</b>	<b>128,647</b>	<b>141,348</b>	<b>59,297</b>	<b>104,300</b>	<b>120,393</b>	<b>2,709</b>	<b>8,121</b>	<b>294,820</b>	<b>436,168</b>
<b>UNDER FEDERAL CONTROL:</b>											
<b>PRINCIPAL ARTERIAL:</b>											
INTERSTATE	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	137	-	-	137	137
MINOR ARTERIAL	-	-	-	-	48	541	938	-	-	1,527	1,527
MAJOR COLLECTOR	-	115	500	615	816	1,321	1,849	-	-	3,986	4,601
MINOR COLLECTOR	385	2,455	5,262	8,102	363	1,948	1,808	-	-	4,119	12,221
<b>SUBTOTAL</b>	<b>385</b>	<b>2,570</b>	<b>5,762</b>	<b>8,717</b>	<b>1,225</b>	<b>3,810</b>	<b>4,732</b>	<b>2</b>	<b>-</b>	<b>9,769</b>	<b>18,486</b>
<b>LOCAL 4/</b>	<b>129,743</b>	<b>209,455</b>	<b>1,086,474</b>	<b>1,425,672</b>	<b>309,260</b>	<b>154,630</b>	<b>210,597</b>	<b>14,663</b>	<b>15,605</b>	<b>704,755</b>	<b>2,130,427</b>
<b>TOTAL RURAL</b>	<b>131,310</b>	<b>224,193</b>	<b>1,224,377</b>	<b>1,579,880</b>	<b>406,352</b>	<b>346,560</b>	<b>661,269</b>	<b>73,473</b>	<b>55,254</b>	<b>1,542,908</b>	<b>3,122,788</b>
<b>PERCENT - RURAL</b>	<b>4.2</b>	<b>7.2</b>	<b>39.2</b>	<b>50.6</b>	<b>13.0</b>	<b>11.1</b>	<b>21.1</b>	<b>2.4</b>	<b>1.8</b>	<b>49.4</b>	<b>100.0</b>
<b>URBAN:</b>											
<b>UNDER STATE CONTROL:</b>											
<b>PRINCIPAL ARTERIAL:</b>											
INTERSTATE	-	-	-	-	-	58	2,979	3,381	5,082	11,500	11,500
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	5	43	2,943	1,374	2,923	7,288	7,288
OTHER	-	-	-	-	46	1,522	19,155	10,375	4,530	35,628	35,628
MINOR ARTERIAL	13	1	3	17	358	2,020	11,895	4,195	1,176	19,644	19,661
COLLECTOR	-	-	47	47	361	2,351	4,212	825	214	7,963	8,010
<b>SUBTOTAL</b>	<b>13</b>	<b>1</b>	<b>50</b>	<b>64</b>	<b>770</b>	<b>5,994</b>	<b>41,184</b>	<b>20,150</b>	<b>13,925</b>	<b>82,023</b>	<b>82,087</b>
<b>NOT UNDER STATE OR FEDERAL CONTROL:</b>											
<b>PRINCIPAL ARTERIAL:</b>											
INTERSTATE	-	-	-	-	-	-	2	11	14	27	27
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	2	5	173	60	83	323	323
OTHER	-	-	57	57	249	1,741	11,581	1,386	1,258	16,209	16,286
MINOR ARTERIAL	14	45	324	383	2,197	9,869	34,656	3,816	4,011	54,549	54,932
COLLECTOR	16	103	884	1,003	4,415	16,433	42,123	2,786	3,430	69,188	70,191
<b>SUBTOTAL</b>	<b>30</b>	<b>148</b>	<b>1,265</b>	<b>1,443</b>	<b>6,858</b>	<b>28,048</b>	<b>88,535</b>	<b>8,059</b>	<b>8,796</b>	<b>140,296</b>	<b>141,739</b>
<b>UNDER FEDERAL CONTROL:</b>											
<b>PRINCIPAL ARTERIAL:</b>											
INTERSTATE	-	-	-	-	-	-	-	-	-	-	-
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	-	-	59	-	-	59	59
OTHER	-	-	-	-	-	-	90	3	-	93	93
MINOR ARTERIAL	-	-	-	-	-	-	46	14	3	63	63
COLLECTOR	-	-	-	-	-	6	38	3	-	47	47
<b>SUBTOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>233</b>	<b>20</b>	<b>3</b>	<b>262</b>	<b>262</b>
<b>LOCAL 4/</b>	<b>1,210</b>	<b>5,042</b>	<b>33,367</b>	<b>39,619</b>	<b>78,745</b>	<b>157,492</b>	<b>196,727</b>	<b>13,352</b>	<b>47,340</b>	<b>493,656</b>	<b>533,275</b>
<b>TOTAL URBAN</b>	<b>1,253</b>	<b>5,191</b>	<b>34,682</b>	<b>41,126</b>	<b>86,373</b>	<b>191,540</b>	<b>326,679</b>	<b>41,561</b>	<b>70,064</b>	<b>716,237</b>	<b>757,363</b>
<b>PERCENT - URBAN</b>	<b>0.2</b>	<b>0.7</b>	<b>4.5</b>	<b>5.4</b>	<b>11.6</b>	<b>25.3</b>	<b>43.0</b>	<b>5.5</b>	<b>9.3</b>	<b>94.6</b>	<b>100.0</b>
<b>TOTAL RURAL AND URBAN</b>	<b>132,563</b>	<b>229,384</b>	<b>1,259,059</b>	<b>1,621,006</b>	<b>492,725</b>	<b>538,100</b>	<b>987,948</b>	<b>115,054</b>	<b>125,318</b>	<b>2,259,145</b>	<b>3,880,151</b>
<b>PERCENT - TOTAL</b>	<b>3.4</b>	<b>5.9</b>	<b>32.5</b>	<b>41.8</b>	<b>12.7</b>	<b>13.9</b>	<b>25.3</b>	<b>3.0</b>	<b>3.3</b>	<b>58.2</b>	<b>100.0</b>

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

2/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL SURFACE AND MAINTAINED TO PERMIT PASSABILITY; GRADED AND DRAINED ROADWAYS OF NATURAL EARTH ALIGNED AND GRADED TO PERMIT REASONABLY CONVENIENT USE BY MOTOR VEHICLES AND WHICH HAVE ADEQUATE DRAINAGE TO PREVENT SERIOUS IMPAIRMENT OF THE ROAD BY NORMAL SURFACE WATER - SURFACE MAY BE STABILIZED; AND SOIL, GRAVEL, OR STONE. A GRADED AND DRAINED ROAD WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAG, SHELL, ETC. - SURFACE MAY BE STABILIZED.

3/ PAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: LOW TYPE - AN EARTH, GRAVEL OR STONE ROADWAY WHICH HAS A BITUMINOUS SURFACE COURSE LESS THAN 1" THICK - SUITABLE FOR OCCASIONAL HEAVY LOADS; INTERMEDIATE TYPE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROAD ON A FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7"; HIGH-TYPE FLEXIBLE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY ON A FLEXIBLE BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE - ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS; HIGH-TYPE COMPOSITE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY OF MORE THAN 1" COMPACTED MATERIAL ON A RIGID BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE; HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS WEARING SURFACE OF LESS THAN 1".

4/ LIMITED SURFACE-TYPE AREA-WIDE DATA REPORTED FOR THE LOCAL FUNCTIONAL SYSTEM AND FACTORED TO TOTAL MILEAGE OBTAINED FROM 1990 HPMS AREA-WIDE DATA. DISTRIBUTION OF LOCAL FUNCTIONAL SYSTEM SURFACE TYPES ESTIMATED BY FHWA.

# PUBLIC ROAD AND STREET MILEAGE - 1990 <sup>1</sup>

## CLASSIFIED BY FEDERAL-AID AND ADMINISTRATIVE SYSTEMS

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

TABLE HM-16  
 SEPTEMBER 1991

ADMINISTRATIVE SYSTEM	FEDERAL-AID SYSTEM					NON-FEDERAL-AID	TOTAL
	INTERSTATE 2/	PRIMARY 3/	URBAN	SECONDARY	TOTAL		
<b>RURAL:</b>							
STATE CONTROLLED ROADS 4/	33.547	224.517	-	196.028	454.092	231.600	685.692
COUNTY ROADS	-	658	-	193.747	194.405	1,422.551	1,616.956
TOWN AND TOWNSHIP ROADS	-	281	-	4.726	5.007	432,483	437.490
OTHER LOCAL GOVERNMENTAL ROADS	-	96	-	4,621	4,717	182,768	187.485
STATE PARK AND FOREST ROADS	-	41	-	39	80	16,886	16,966
NATIONAL PARK, FOREST, AND OTHER ROADS	-	485	-	813	1,298	176,901	178,199
<b>TOTAL RURAL</b>	<b>33.547</b>	<b>226.078</b>	<b>-</b>	<b>399.974</b>	<b>659.599</b>	<b>2,463,189</b>	<b>3,122,788</b>
PERCENT - RURAL	1.1	7.2	-	12.8	21.1	78.9	100.0
<b>SMALL URBAN AREAS:</b>							
STATE CONTROLLED ROADS 4/	1,336	11,436	7,884	-	20,656	4,540	25,196
COUNTY ROADS	-	41	4,495	-	4,536	11,650	16,186
TOWN AND TOWNSHIP ROADS	-	17	1,562	-	1,579	4,572	6,151
OTHER LOCAL GOVERNMENTAL ROADS	-	270	17,794	-	18,064	93,539	111,603
STATE PARK AND FOREST ROADS	-	-	2	-	2	60	62
NATIONAL PARK, FOREST, AND OTHER ROADS	-	3	45	-	48	205	253
<b>TOTAL SMALL URBAN AREA</b>	<b>1,336</b>	<b>11,767</b>	<b>31,782</b>	<b>-</b>	<b>44,885</b>	<b>114,566</b>	<b>159,451</b>
PERCENT - SMALL URBAN	0.9	7.4	19.8	-	28.1	71.9	100.0
<b>URBANIZED AREAS:</b>							
STATE CONTROLLED ROADS 4/	10,191	20,595	26,083	-	56,869	13,323	70,192
COUNTY ROADS	-	214	23,223	-	23,437	56,364	79,801
TOWN AND TOWNSHIP ROADS	-	45	5,239	-	5,284	31,329	36,613
OTHER LOCAL GOVERNMENTAL ROADS	-	1,478	61,216	-	62,694	347,457	410,151
STATE PARK AND FOREST ROADS	-	77	94	-	171	215	386
NATIONAL PARK, FOREST, AND OTHER ROADS	-	19	43	-	62	707	769
<b>TOTAL URBANIZED AREA</b>	<b>10,191</b>	<b>22,428</b>	<b>115,898</b>	<b>-</b>	<b>148,517</b>	<b>449,395</b>	<b>597,912</b>
PERCENT - URBANIZED	1.7	3.8	19.3	-	24.8	75.2	100.0
<b>TOTAL URBAN:</b>							
STATE CONTROLLED ROADS 4/	11,527	32,031	33,967	-	77,525	17,863	95,388
COUNTY ROADS	-	255	27,718	-	27,973	68,014	95,987
TOWN AND TOWNSHIP ROADS	-	62	6,801	-	6,863	35,901	42,764
OTHER LOCAL GOVERNMENTAL ROADS	-	1,748	79,010	-	80,758	440,996	521,754
STATE PARK AND FOREST ROADS	-	77	96	-	173	275	448
NATIONAL PARK, FOREST, AND OTHER ROADS	-	22	88	-	110	912	1,022
<b>TOTAL URBAN</b>	<b>11,527</b>	<b>34,195</b>	<b>147,680</b>	<b>-</b>	<b>193,402</b>	<b>563,961</b>	<b>757,363</b>
PERCENT - URBAN	1.5	4.5	19.5	-	25.5	74.5	100.0
<b>TOTAL RURAL AND URBAN</b>	<b>45.074</b>	<b>260,273</b>	<b>147,680</b>	<b>399,974</b>	<b>853,001</b>	<b>3,027,150</b>	<b>3,880,151</b>
PERCENT - TOTAL	1.2	6.7	3.8	10.3	22.0	78.0	100.0

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

TABLE MAY NOT BE COMPATIBLE AMONG THE VARIOUS MILEAGE TABLES.

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

3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

4/ DOES NOT INCLUDE STATE PARK AND FOREST ROADS.

PUBLIC ROAD AND STREET MILEAGE - 1990<sup>1</sup>

## CLASSIFIED BY FEDERAL-AID AND FUNCTIONAL SYSTEMS

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

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

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

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

3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.



# PUBLIC ROAD AND STREET MILEAGE - 1990

## CLASSIFIED BY JURISDICTION

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

TABLE HM-10  
 SEPTEMBER 1991

STATE	RURAL MILEAGE						URBAN MILEAGE						TOTAL RURAL AND URBAN 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	9.397	58.514	-	4.967	63.481	940	73.818	1.594	177	-	15.083	15.260	-	16.854	90.672
ALASKA	5.203	1.852	-	2.330	4.182	2.551	11.936	380	1,096	-	73	1,169	-	1,549	13.485
ARIZONA	5.652	19.460	1,143	18	20,621	10,672	36,945	484	1,208	15	12,932	14,155	26	14,867	51,612
ARKANSAS	14.975	49.024	1	3,896	52,921	1,512	69,408	1,227	579	-	5,871	6,450	-	7,677	77,085
CALIFORNIA	15.024	56.069	-	3,095	59,164	15,464	89,652	3,387	11,174	-	59,354	70,528	7	73,922	163,574
COLORADO	8.512	48,631	-	2,379	51,010	6,886	66,408	858	2,178	-	8,236	10,414	-	11,272	77,680
CONNECTICUT	2.201	-	6,881	-	6,881	4	9,086	1,689	-	9,216	-	9,216	-	10,905	19,991
DELAWARE	3.575	-	-	251	251	3	3,829	1,228	-	-	387	387	-	1,615	5,444
DIST. OF COL.	-	-	-	-	-	-	-	1,081	-	-	-	-	21	1,102	1,102
FLORIDA	7.647	52,228	-	176	52,404	-	60,051	4,168	1,346	-	42,500	43,846	-	48,034	108,085
GEORGIA	15.451	67,617	-	3,878	71,495	927	87,873	2,340	10,338	-	9,038	19,376	12	21,728	109,601
HAWAII	871	1,681	-	-	1,681	35	2,587	201	1,266	-	-	1,266	45	1,512	4,099
IDAHO	4.855	13,948	-	13,209	27,157	27,994	60,006	255	-	1,355	809	2,164	10	2,429	62,435
ILLINOIS	13,033	15,040	68,592	7,118	90,750	158	103,941	4,349	1,396	2,948	23,295	27,639	15	32,003	135,944
INDIANA	9,773	61,059	3	3,205	64,267	-	74,040	1,673	4,991	-	11,304	16,295	-	17,868	91,908
IOWA	9,331	88,782	-	5,642	94,424	-	103,755	924	687	-	7,175	7,862	-	8,786	112,541
KANSAS	10,088	111,751	-	2,634	114,385	-	124,473	593	-	-	8,512	8,512	-	9,105	133,578
KENTUCKY	25,455	34,444	-	1,769	36,213	308	61,976	2,078	1,587	1	3,840	5,428	186	7,692	69,668
LOUISIANA	14,949	28,446	-	2,307	30,753	628	46,330	1,670	2,961	-	7,659	10,620	-	12,290	58,620
MAINE	7,770	-	11,538	421	11,959	166	19,895	773	-	7	1,704	1,711	10	2,494	22,389
MARYLAND	3,944	11,654	-	582	12,216	302	16,462	1,437	7,130	-	3,699	10,729	124	12,280	28,752
MASSACHUSETTS	1,762	-	11,380	1	11,381	87	13,230	1,875	-	-	18,941	18,941	30	20,846	34,076
MICHIGAN	7,709	79,781	-	3,303	83,064	-	90,773	1,840	8,554	-	16,282	24,836	-	26,676	117,449
MINNESOTA	12,177	43,456	52,940	4,964	101,960	1,652	115,189	1,187	-	175	10,964	13,021	-	14,208	129,397
MISSISSIPPI	9,709	52,037	3	2,656	54,696	759	65,164	738	897	1	5,704	6,602	16	7,356	72,520
MISSOURI	30,841	52,115	16,205	5,764	74,084	563	105,488	1,548	1,931	16	11,544	13,491	-	15,039	120,527
MONTANA	8,047	45,508	-	1,095	46,603	14,466	69,116	158	502	-	1,611	2,113	-	2,271	71,387
NEBRASKA	9,956	60,330	13,824	3,204	77,358	137	87,451	325	436	8	4,183	4,627	-	4,952	92,403
NEVADA	4,920	22,824	-	834	23,658	13,862	42,440	300	1,174	-	1,608	2,782	2	3,084	45,524
NEW HAMPSHIRE	3,727	-	6,438	2,102	8,540	136	12,403	325	-	96	2,012	2,108	-	2,433	14,836
NEW JERSEY	1,587	3,425	4,231	2,486	10,142	21	11,760	1,635	3,760	1,095	16,994	20,849	18	22,502	34,252
NEW MEXICO	11,149	38,089	-	-	38,089	-	49,238	765	3,474	-	1,259	4,733	-	5,498	54,736
NEW YORK	12,275	17,322	41,422	2,310	61,054	-	73,329	4,098	3,040	14,874	15,901	33,815	-	37,913	111,242
NORTH CAROLINA	70,133	-	-	3,522	3,522	1,790	75,445	7,513	-	-	11,512	11,512	220	19,245	94,690
NORTH DAKOTA	7,181	9,178	65,217	2,298	78,693	832	84,708	205	-	171	1,435	1,606	-	1,811	86,517
OHIO 3/	16,579	27,342	35,100	3,122	65,564	29	82,172	3,925	2,268	5,000	20,235	27,603	-	31,428	113,600
OKLAHOMA	12,009	86,997	-	589	87,586	87	99,682	991	483	-	10,607	11,090	2	12,083	111,765
OREGON	10,398	31,908	-	1,684	33,652	42,569	66,559	789	1,926	-	6,659	7,585	36	8,410	94,969
PENNSYLVANIA	37,447	21	239	49,465	49,725	932	88,164	7,201	275	939	19,929	21,143	-	28,344	116,508
RHODE ISLAND	362	-	1,161	-	1,161	-	1,523	778	-	3,802	8	3,810	-	4,588	6,111
SOUTH CAROLINA	35,461	18,112	-	532	18,644	588	54,703	6,051	1,752	-	1,540	3,292	-	9,343	64,046
SOUTH DAKOTA	7,797	32,135	-	1,833	33,170	1,985	72,962	174	54	51	1,454	1,569	1	1,734	74,696
TENNESSEE	12,394	52,573	29,202	3,754	56,327	578	69,299	2,093	1,601	-	11,646	13,247	-	15,340	84,639
TEXAS	66,669	133,207	-	14,337	147,544	962	217,175	7,943	4,859	-	75,974	80,833	-	88,776	305,951
UTAH	5,119	20,453	-	2,152	22,605	9,945	37,669	675	991	-	3,902	4,893	7	5,575	43,244
VERMONT	2,666	-	10,074	130	10,204	71	12,941	150	-	106	915	1,021	9	1,180	14,121
VIRGINIA	49,777	451	-	407	858	1,814	52,449	6,214	988	-	7,838	8,826	211	15,251	67,700
WASHINGTON	17,255	35,606	2,097	-	37,703	10,081	65,039	1,059	6,138	1,511	7,540	15,189	12	16,260	81,299
WEST VIRGINIA	30,258	4	-	624	628	630	31,516	1,308	-	-	1,768	1,768	-	3,076	34,592
WISCONSIN	11,132	19,563	59,787	4,118	83,468	881	95,481	1,341	732	1,385	10,937	13,054	-	14,395	109,876
WYOMING	6,360	14,434	15	12,343	26,792	4,109	37,261	277	154	-	1,519	1,673	2	1,952	39,213
TOTAL	702,562	1,617,051	437,493	187,486	2,242,030	178,196	3,122,788	95,790	95,985	42,772	521,792	660,549	1,024	757,363	3,880,151

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

**PUBLIC ROAD AND STREET MILEAGE - 1990**  
**CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION <sup>1</sup>**

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

TABLE HM-14  
 SHEET 1 OF 3  
 SEPTEMBER 1991

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 <sup>3/</sup>	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL <sup>3/</sup>	TOTAL	
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS <sup>2/</sup>	TOTAL				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS <sup>2/</sup>	TOTAL			
ALABAMA	6,457	25	-	3	28	44	6,529	1,106	-	-	15	16	-	1,122	7,651
ALASKA <sup>4/</sup>	1,993	-	-	-	-	-	1,993	115	1	-	-	-	-	115	2,108
ARIZONA	4,227	-	-	-	-	30	4,257	365	-	-	654	654	-	1,019	5,276
ARKANSAS <sup>4/</sup>	5,154	-	-	-	-	-	5,154	603	-	-	-	-	-	603	5,757
CALIFORNIA	10,704	44	-	-	44	180	10,928	2,547	1	-	1	2	-	2,549	13,477
COLORADO	4,639	-	-	-	-	2	4,641	606	-	-	-	-	-	606	5,247
CONNECTICUT	798	-	-	-	-	-	798	813	-	-	-	-	-	813	1,611
DELAWARE	335	-	-	1	1	1	337	145	-	-	2	2	-	147	484
DIST. OF COL.	-	-	-	-	-	-	-	190	-	-	-	-	-	190	190
FLORIDA	6,738	24	-	-	24	-	6,762	2,662	3	-	9	12	-	2,674	9,436
GEORGIA	9,298	55	-	6	61	93	9,452	1,847	51	-	16	67	1	1,915	11,367
HAWAII	390	5	-	-	5	-	395	158	1	-	-	1	-	159	554
IDAHO	3,205	-	-	-	-	-	3,205	157	-	-	-	-	-	157	3,362
ILLINOIS <sup>4/</sup>	9,200	23	10	4	37	-	9,237	2,515	42	1	43	86	-	2,601	11,838
INDIANA	5,090	7	-	-	7	-	5,097	1,054	-	-	2	2	-	1,056	6,153
IOWA	8,528	134	-	20	154	-	8,682	796	7	-	50	57	-	853	9,535
KANSAS	8,427	-	-	-	-	-	8,427	495	-	-	-	-	-	495	8,922
KENTUCKY <sup>4/</sup>	3,947	-	-	-	-	-	3,947	659	-	-	-	3	-	662	4,609
LOUISIANA	3,305	-	-	-	-	-	3,305	671	-	-	3	3	-	671	3,976
MAINE <sup>4/</sup>	2,136	-	-	-	-	-	2,136	238	-	-	2	2	-	240	2,376
MARYLAND	1,797	13	-	-	13	-	1,810	691	3	-	82	85	19	795	2,605
MASSACHUSETTS	938	-	241	1	242	1	1,181	1,173	-	-	423	423	-	1,596	2,777
MICHIGAN	7,022	17	-	-	17	-	7,039	1,411	3	-	1	4	-	1,415	8,454
MINNESOTA	9,365	3	-	-	3	-	9,368	828	6	-	6	12	-	840	10,208
MISSISSIPPI	5,978	10	-	6	16	-	5,994	465	-	-	2	2	-	467	6,461
MISSOURI	7,309	-	-	-	-	-	7,309	877	-	-	11	11	-	888	8,197
MONTANA	6,495	-	-	-	-	-	6,495	148	-	-	2	2	-	150	6,645
NEBRASKA	7,374	-	-	1	1	-	7,375	298	-	-	2	2	-	300	7,675
NEVADA	2,284	-	-	-	-	2	2,286	113	-	-	-	-	2	115	2,401
NEW HAMPSHIRE	1,144	-	-	-	-	-	1,144	155	-	-	58	58	-	213	1,357
NEW JERSEY	879	46	-	1	47	-	926	932	12	-	5	17	-	949	1,875
NEW MEXICO	4,570	-	-	-	-	-	4,570	308	-	-	10	10	-	318	4,888
NEW YORK <sup>4/</sup>	7,125	122	6	19	147	-	7,272	2,250	110	1	313	424	-	2,674	9,946
NORTH CAROLINA	4,477	-	-	-	-	17	4,494	867	-	-	-	-	-	867	5,361
NORTH DAKOTA	5,933	-	-	-	-	-	5,933	177	-	-	-	-	-	177	6,110
OHIO <sup>5/</sup>	5,839	-	1	-	1	-	5,840	2,308	3	-	10	13	-	2,321	8,161
OKLAHOMA	5,598	-	-	-	-	-	5,598	639	-	-	-	-	-	639	6,237
OREGON	5,231	-	-	-	-	6	5,237	536	-	-	-	-	-	536	5,773
PENNSYLVANIA	8,905	-	15	-	15	-	8,920	2,534	-	9	19	28	-	2,562	11,482
RHODE ISLAND	176	-	8	-	8	-	184	269	-	51	-	51	-	320	504
SOUTH CAROLINA	5,629	-	-	-	-	-	5,629	841	1	-	2	3	-	844	6,473
SOUTH DAKOTA	6,274	-	-	-	-	48	6,322	155	-	-	-	-	-	155	6,477
TENNESSEE <sup>4/</sup>	6,007	-	-	-	-	-	6,007	1,220	-	-	-	-	-	1,220	7,227
TEXAS <sup>4/</sup>	17,094	1	-	1	2	-	17,096	2,901	6	-	-	6	-	2,907	20,003
UTAH <sup>4/</sup>	3,297	-	-	-	-	-	3,297	256	-	-	-	-	-	256	3,553
VERMONT	1,298	-	-	29	29	-	1,327	93	-	-	24	24	-	117	1,444
VIRGINIA	5,527	3	-	-	3	-	5,530	955	-	-	4	4	-	959	6,489
WASHINGTON <sup>4/</sup>	4,892	-	-	-	-	-	4,892	889	1	-	-	1	-	890	5,782
WEST VIRGINIA	2,664	3	-	-	3	-	2,667	296	-	-	1	1	-	297	2,964
WISCONSIN	8,745	123	1	3	127	-	8,872	1,082	4	-	8	12	-	1,094	9,966
WYOMING	3,668	-	-	-	-	61	3,729	174	-	-	-	-	-	174	3,903
TOTAL <sup>4/</sup>	258,105	658	281	96	1,035	485	259,625	43,603	255	62	1,780	2,097	22	45,722	305,347

# PUBLIC ROAD AND STREET MILEAGE - 1990

## CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION <sup>1</sup>

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

TABLE HM-14  
 SHEET 2 OF 3  
 SEPTEMBER 1991

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL							FEDERAL-AID URBAN HIGHWAY SYSTEM						
	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL <sup>3/</sup>	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL				UNDER FEDERAL CONTROL <sup>3/</sup>	TOTAL
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS <sup>2/</sup>	TOTAL				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS <sup>2/</sup>	TOTAL		
ALABAMA	2,729	8,443	-	409	8,852	-	11,581	473	12	-	2,307	2,319	-	2,792
ALASKA <sup>4/</sup>	1,816	-	-	-	-	-	1,816	207	12	-	19	31	-	238
ARIZONA	1,182	2,074	-	-	2,074	-	3,256	114	78	16	1,609	1,703	16	1,833
ARKANSAS <sup>4/</sup>	4,475	2,796	-	64	2,860	39	7,374	410	61	-	689	750	-	1,160
CALIFORNIA	977	9,944	-	209	10,153	46	11,176	832	2,825	-	14,134	16,959	-	17,791
COLORADO	3,410	-	-	-	-	-	3,410	249	536	-	1,609	2,145	-	2,394
CONNECTICUT	875	-	27	-	27	-	902	812	-	2,143	-	2,143	-	2,955
DELAWARE	602	-	-	1	1	2	605	313	-	-	8	8	-	321
DIST. OF COL.	-	-	-	-	-	-	-	233	-	-	-	-	-	233
FLORIDA	577	3,746	-	73	3,819	-	4,396	1,344	883	-	2,376	3,259	-	4,603
GEORGIA	6,026	7,817	-	30	7,847	138	14,011	473	2,128	-	1,378	3,506	3	3,982
HAWAII	368	67	-	-	67	-	435	22	300	-	-	300	-	322
IDAHO	1,478	1,566	-	1,013	2,579	-	4,057	97	-	441	187	628	-	725
ILLINOIS <sup>4/</sup>	1,716	10,212	755	238	11,205	1	12,922	1,545	1,217	341	3,541	5,099	1	6,645
INDIANA	4,570	5,040	-	130	5,170	-	9,740	512	1,511	-	2,691	4,202	-	4,714
IOWA	386	12,638	-	542	13,180	-	13,566	12	298	-	2,133	2,431	-	2,443
KANSAS	1,644	21,006	-	5	21,011	-	22,655	93	-	-	1,558	1,558	-	1,651
KENTUCKY <sup>4/</sup>	7,166	3	-	-	3	3	7,172	1,256	148	-	560	708	44	2,008
LOUISIANA	7,332	-	-	-	-	17	7,349	774	400	-	993	1,393	-	2,167
MAINE <sup>4/</sup>	2,741	-	1	-	1	-	2,742	475	-	3	228	231	-	706
MARYLAND	1,368	526	-	17	543	-	1,911	616	903	-	611	1,514	25	2,155
MASSACHUSETTS	384	-	1,615	-	1,615	8	2,007	575	-	-	5,330	5,330	-	5,905
MICHIGAN	674	16,962	-	423	16,385	-	17,059	429	2,687	-	2,350	5,037	-	5,466
MINNESOTA	1,531	14,836	90	19	14,945	128	16,604	334	1,090	21	811	1,922	-	2,256
MISSISSIPPI	3,520	7,987	2	186	8,175	-	11,695	206	186	1	1,326	1,513	-	1,719
MISSOURI	18,093	-	-	-	-	-	18,093	652	363	6	1,462	1,831	-	2,483
MONTANA	89	4,655	-	-	4,655	-	4,744	10	90	-	242	332	-	342
NEBRASKA	2,243	9,029	-	164	9,193	22	11,458	26	129	-	909	1,038	-	1,064
NEVADA	2,083	184	-	1	185	47	2,315	177	137	-	243	380	-	557
NEW HAMPSHIRE	1,222	-	5	5	10	-	1,232	142	-	24	560	584	-	726
NEW JERSEY	91	1,429	66	101	1,596	-	1,687	523	2,993	74	1,798	4,865	-	5,388
NEW MEXICO	3,640	-	-	-	-	-	3,640	399	13	-	161	174	-	573
NEW YORK <sup>4/</sup>	4,178	1,825	231	59	2,115	-	6,293	1,416	2,264	1,403	3,650	7,317	-	8,733
NORTH CAROLINA	10,319	-	-	1	1	5	10,325	2,931	-	-	64	64	-	2,995
NORTH DAKOTA	1,197	9,178	-	220	9,398	33	10,628	25	-	79	397	476	-	501
OHIO <sup>5/</sup>	8,536	2,975	111	171	3,257	-	11,793	1,604	1,559	231	4,472	6,262	-	7,866
OKLAHOMA	5,360	6,228	-	221	6,449	-	11,809	347	365	-	2,263	2,648	-	2,995
OREGON	1,583	6,184	-	50	6,234	-	7,817	171	700	-	1,186	1,885	-	2,056
PENNSYLVANIA	7,781	21	162	16	199	-	7,980	4,222	275	930	1,626	2,831	-	7,053
RHODE ISLAND	134	-	67	-	67	-	201	509	-	413	8	421	-	930
SOUTH CAROLINA	8,385	148	-	1	149	-	8,534	1,130	17	-	21	38	-	1,168
SOUTH DAKOTA	1,437	9,094	220	42	9,356	301	11,094	16	39	5	330	374	-	390
TENNESSEE <sup>4/</sup>	5,466	-	-	-	-	-	5,466	848	335	-	1,985	2,320	-	3,168
TEXAS <sup>4/</sup>	32,496	121	-	5	126	16	32,638	3,244	298	-	4,656	4,954	-	8,198
UTAH <sup>4/</sup>	1,699	952	-	55	1,007	-	2,706	385	116	-	428	542	-	927
VERMONT	1,141	-	744	28	772	-	1,913	57	-	106	186	292	-	349
VIRGINIA	10,114	46	-	40	86	-	10,200	1,845	220	-	1,385	1,605	-	3,450
WASHINGTON <sup>4/</sup>	1,086	6,075	159	-	6,234	-	7,320	98	1,763	412	1,963	4,138	-	4,236
WEST VIRGINIA	6,349	-	-	2	2	-	6,351	540	-	-	268	268	-	808
WISCONSIN	1,750	10,744	470	76	11,290	-	13,040	248	654	150	1,930	2,734	-	2,982
WYOMING	2,087	166	-	6	172	7	2,266	82	99	-	377	476	-	558
<b>TOTAL <sup>4/</sup></b>	<b>196,096</b>	<b>193,717</b>	<b>4,725</b>	<b>4,623</b>	<b>203,065</b>	<b>813</b>	<b>399,974</b>	<b>34,053</b>	<b>27,724</b>	<b>6,799</b>	<b>79,015</b>	<b>113,538</b>	<b>89</b>	<b>147,680</b>

Roadway Extent, Characteristics, and Performance

# PUBLIC ROAD AND STREET MILEAGE - 1990

## CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION<sup>1</sup>

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

TABLE HM-14  
 SHEET 3 OF 3  
 SEPTEMBER 1991

STATE	FEDERAL-AID HIGHWAY SYSTEMS - RURAL AND URBAN							MILEAGE NOT ON FEDERAL-AID SYSTEMS							TOTAL FEDERAL-AID AND NON-FEDERAL-AID 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	10,767	8,480	-	2,733	11,213	44	22,024	224	50,209	-	17,318	67,527	897	68,648	90,672
ALASKA 4/	4,131	12	-	19	31	-	4,162	1,452	2,937	-	2,383	5,320	2,551	9,323	13,486
ARIZONA	5,891	2,154	16	2,258	4,428	46	10,365	249	18,512	1,142	10,692	30,346	10,652	41,247	51,612
ARKANSAS 4/	10,644	2,857	-	751	3,608	39	14,291	5,559	46,746	-	9,015	55,762	1,473	62,794	77,085
CALIFORNIA	15,060	12,815	-	14,343	27,158	226	42,444	3,351	54,428	-	48,107	102,535	15,244	121,130	163,574
COLORADO	8,904	536	-	1,609	2,145	2	11,051	466	50,271	-	9,007	59,278	6,885	66,623	77,680
CONNECTICUT	3,297	-	2,171	-	2,171	-	5,468	591	-	13,928	-	13,928	4	14,523	19,991
DELAWARE	1,396	-	-	11	11	3	1,410	3,407	-	-	627	-	-	4,034	5,444
DIST. OF COL.	423	-	-	-	-	-	423	658	-	-	-	-	21	679	1,102
FLORIDA	11,319	4,657	-	2,459	7,116	-	18,435	516	48,916	-	40,218	89,134	705	89,650	108,085
GEORGIA	17,647	10,050	-	1,428	11,478	235	29,360	145	67,904	-	11,487	79,391	-	109,601	140,885
HAWAII	939	372	-	-	372	-	1,311	133	2,575	-	-	2,575	80	2,788	4,099
IDAHO	4,937	1,566	441	1,200	3,207	-	8,144	174	12,384	915	12,816	26,115	28,002	54,291	62,435
ILLINOIS 4/	14,977	11,493	1,107	3,826	16,426	2	31,405	2,405	4,942	70,433	26,588	101,963	171	104,539	135,944
INDIANA	11,222	6,559	-	2,826	9,385	-	20,607	125	59,490	3	11,689	71,176	-	71,301	91,908
IOWA	9,720	13,076	-	2,748	15,824	-	25,544	534	76,392	-	10,071	86,463	-	86,997	112,541
KANSAS	10,657	21,007	-	1,564	22,571	-	33,228	14,25	90,744	-	9,581	100,325	-	100,350	133,578
KENTUCKY 4/	13,028	151	-	563	714	47	13,789	14,505	35,881	1	5,046	40,928	446	55,879	69,668
LOUISIANA	12,088	398	-	989	1,387	17	13,492	4,552	31,001	-	8,964	39,965	611	45,128	58,620
MAINE 4/	5,589	-	5	230	235	-	5,824	2,955	-	11,539	-	1,895	176	15,565	22,389
MARYLAND	4,471	1,446	-	710	2,156	44	6,671	908	17,339	-	3,451	20,790	383	22,081	28,752
MASSACHUSETTS	3,071	-	1,856	5,763	7,609	9	10,689	567	-	9,524	13,188	22,712	108	23,387	34,076
MICHIGAN	9,524	18,681	-	2,774	21,455	-	30,979	25	89,634	-	16,811	86,445	-	86,470	117,449
MINNESOTA	12,060	15,934	111	835	16,880	128	29,068	1,305	29,404	53,004	15,092	97,500	1,524	100,329	129,397
MISSISSIPPI	10,168	8,183	4	1,520	9,707	-	19,875	282	44,747	1	6,840	51,588	775	52,645	72,520
MISSOURI	26,930	363	6	1,474	1,843	-	28,773	5,458	53,682	16,216	15,835	85,733	563	91,754	120,527
MONTANA	6,740	4,748	-	243	4,991	-	11,731	1,464	41,261	-	2,463	43,724	14,468	59,656	71,387
NEBRASKA	9,943	9,155	-	1,077	10,232	22	20,197	338	51,610	13,832	6,312	71,754	114	72,206	92,403
NEVADA	4,656	321	-	246	567	50	5,273	564	23,677	-	2,196	26,873	13,814	40,251	45,524
NEW HAMPSHIRE	2,662	-	29	624	653	-	3,316	1,389	-	5,507	3,489	9,996	136	14,836	18,836
NEW JERSEY	2,426	4,481	140	1,903	6,524	-	8,950	798	2,704	5,187	16,575	24,466	40	25,302	34,252
NEW MEXICO	8,919	13	-	169	182	-	9,101	2,996	41,549	-	1,090	42,639	-	45,635	54,736
NEW YORK 4/	14,967	4,321	1,643	4,041	10,005	-	24,972	1,406	16,041	54,653	14,170	84,864	-	86,270	111,242
NORTH CAROLINA	18,614	-	-	65	65	22	18,701	59,034	-	-	14,966	14,966	1,989	75,989	94,690
NORTH DAKOTA	7,333	9,177	79	817	9,873	33	17,239	53	-	65,310	3,116	68,426	799	69,278	86,517
OHIO 5/	18,283	4,534	342	4,661	9,537	-	27,820	2,294	25,080	39,728	18,648	83,456	30	85,780	113,600
OKLAHOMA	11,954	6,594	-	2,493	9,087	-	21,041	1,071	80,840	-	8,722	89,562	91	90,724	111,765
OREGON	7,523	6,882	-	1,235	8,117	6	15,646	3,664	26,951	-	6,110	33,061	42,598	79,323	94,968
PENNSYLVANIA	23,442	295	1,116	1,661	3,073	-	26,515	21,206	-	62	67,733	87,956	992	89,993	116,508
RHODE ISLAND	1,065	-	542	8	550	-	1,635	60	-	4,416	-	4,416	-	4,478	6,111
SOUTH CAROLINA	15,986	165	-	24	189	-	16,175	25,525	19,699	-	2,048	21,747	599	47,871	64,046
SOUTH DAKOTA	7,883	9,134	225	371	9,730	348	17,961	88	23,056	29,027	2,916	54,999	1,648	56,735	74,696
TENNESSEE 4/	13,532	335	-	1,984	2,319	-	15,851	956	53,839	-	13,415	67,254	578	68,788	84,639
TEXAS 4/	55,735	425	-	4,663	5,088	16	60,839	20,879	137,641	-	85,646	223,287	946	245,112	305,951
UTAH 4/	5,636	1,068	-	482	1,550	-	7,186	157	20,376	-	6,572	25,948	9,953	36,058	43,244
VERMONT	2,687	-	851	268	1,119	-	3,705	229	-	9,328	777	10,105	81	10,415	14,121
VIRGINIA	18,442	269	-	1,428	1,697	-	20,139	37,649	1,169	-	6,818	7,987	2,025	47,551	67,700
WASHINGTON 4/	6,972	7,832	570	1,964	10,366	-	17,338	11,342	33,907	3,039	5,578	42,524	10,095	63,961	81,299
WEST VIRGINIA	9,849	3	-	271	274	-	10,123	21,716	1	-	2,122	2,123	630	24,469	34,592
WISCONSIN	11,823	11,528	620	2,017	14,165	-	25,988	650	8,768	60,550	13,039	82,357	881	83,888	109,876
WYOMING	6,012	265	-	382	647	68	6,727	626	14,321	15	13,481	27,817	4,043	32,488	39,213
<b>TOTAL 4/</b>	<b>531,864</b>	<b>222,336</b>	<b>11,874</b>	<b>85,520</b>	<b>319,730</b>	<b>1,407</b>	<b>853,001</b>	<b>256,623</b>	<b>1,490,628</b>	<b>468,361</b>	<b>623,717</b>	<b>2,562,706</b>	<b>177,821</b>	<b>3,027,150</b>	<b>3,880,151</b>

1/ THIS TABLE DOES NOT INCLUDE UNBUILT (PLANNED) FEDERAL-AID MILEAGE, NATIONWIDE. THE REPORTED UNBUILT FEDERAL-AID MILEAGE IS 9,682 MILES FOR 1990. THIS INCLUDES 170 MILES OF RURAL INTERSTATE, 159 MILES OF URBAN INTERSTATE, 2,805 MILES OF RURAL FEDERAL-AID PRIMARY (FAP), 1,017 MILES OF URBAN FAP, 3,752 MILES OF FEDERAL-AID URBAN AND 1,970 MILES OF FEDERAL-AID SECONDARY. ALL BUT THREE STATES REPORTED UNBUILT FEDERAL-AID MILEAGE FOR 1990.

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/ 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.

5/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

# PUBLIC ROAD AND STREET MILEAGE - 1990

## CLASSIFIED BY FEDERAL-AID SYSTEM<sup>1</sup>

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

TABLE HM-15  
SEPTEMBER 1991

STATE	FEDERAL-AID INTERSTATE 2/			OTHER FEDERAL-AID PRIMARY 3/			FEDERAL-AID URBAN	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	
ALABAMA	642	247	889	5,887	875	6,762	2,792	11,581	18,110	3,914	22,024	55,708	12,940	68,648	90,672
ALASKA 4/	1,038	51	1,089	955	64	1,019	238	1,816	3,809	353	4,162	8,127	1,196	9,323	13,485
ARIZONA	1,039	130	1,169	3,218	889	4,107	1,833	3,256	7,513	2,852	10,365	29,432	11,815	41,247	51,612
ARKANSAS 4/	419	123	542	4,735	480	5,215	1,160	7,374	12,528	1,763	14,291	56,860	5,914	62,794	77,085
CALIFORNIA	1,416	983	2,399	9,512	1,566	11,078	17,791	11,176	22,104	20,340	42,444	67,548	53,582	121,130	163,574
COLORADO	793	149	942	3,848	457	4,305	2,394	3,410	8,051	3,000	11,051	58,357	8,272	66,629	77,680
CONNECTICUT	109	232	341	689	581	1,270	2,955	902	1,700	3,768	5,468	7,386	7,137	14,523	19,991
DELAWARE	-	41	41	337	106	443	321	605	942	468	1,410	2,887	1,147	4,034	5,444
DIST. OF COL.	-	12	12	-	178	178	233	-	-	423	423	-	679	679	1,102
FLORIDA	1,010	416	1,426	5,752	2,258	8,010	4,603	4,396	11,158	7,277	18,435	48,893	40,757	89,650	108,085
GEORGIA	873	372	1,245	8,579	1,543	10,122	3,982	14,011	23,463	5,897	29,360	64,410	15,831	80,241	109,601
HAWAII	5	38	43	390	121	511	322	435	830	481	1,311	1,767	1,031	2,798	4,099
IDAHO	530	75	605	2,675	82	2,757	725	4,057	7,262	882	8,144	52,744	1,547	54,291	62,435
ILLINOIS 4/	1,415	548	1,963	7,822	2,055	9,877	6,645	12,922	22,159	9,246	31,405	81,782	22,757	104,539	135,944
INDIANA	863	285	1,148	4,234	771	5,005	4,714	9,740	14,837	5,770	20,607	59,203	12,098	71,301	91,908
IOWA	645	137	782	8,037	716	8,753	2,443	13,568	22,248	3,296	25,544	81,507	5,490	86,997	112,541
KANSAS	712	160	872	7,715	335	8,050	1,651	22,655	31,082	2,146	33,228	93,391	6,959	100,350	133,578
KENTUCKY 4/	579	184	763	3,368	478	3,846	2,008	7,172	11,119	2,670	13,789	50,857	5,022	55,879	69,668
LOUISIANA	656	188	844	2,649	483	3,132	2,167	7,349	10,654	2,838	13,492	35,676	9,452	45,128	58,620
MAINE 4/	313	53	366	1,823	187	2,010	706	2,742	4,878	946	5,824	15,017	1,548	16,565	22,389
MARYLAND	169	231	400	1,641	564	2,205	2,155	1,911	3,721	2,950	6,671	12,741	9,340	22,081	28,752
MASSACHUSETTS	170	397	567	1,011	1,199	2,210	5,905	2,007	3,188	7,501	10,689	10,042	13,345	23,387	34,076
MICHIGAN	772	455	1,227	6,267	960	7,227	5,466	17,059	24,098	6,881	30,979	66,675	19,795	86,470	117,449
MINNESOTA	688	217	905	8,680	623	9,303	2,256	16,604	25,972	3,096	29,068	89,217	11,112	100,329	129,397
MISSISSIPPI	560	124	684	5,434	343	5,777	1,719	11,695	17,689	2,186	19,875	47,475	5,170	52,645	72,520
MISSOURI	841	336	1,177	6,468	552	7,020	2,463	18,093	25,402	3,371	28,773	80,086	11,668	91,754	120,527
MONTANA	1,144	47	1,191	5,351	103	5,454	342	4,744	11,239	977	12,216	57,877	1,779	59,656	71,387
NEBRASKA	444	37	481	6,931	263	7,194	1,054	11,458	18,833	1,364	20,197	68,618	3,580	72,206	92,403
NEVADA	499	46	545	1,787	69	1,856	557	2,315	4,601	672	5,273	37,839	2,412	40,251	45,524
NEW HAMPSHIRE	180	44	224	964	169	1,133	726	1,232	2,376	3,315	5,691	10,027	1,494	11,521	14,836
NEW JERSEY	126	270	396	800	679	1,479	5,388	1,687	2,613	6,337	8,950	9,137	16,165	25,302	34,252
NEW MEXICO	906	94	1,000	3,664	224	3,888	573	3,640	8,210	891	9,101	41,028	4,607	45,635	54,736
NEW YORK 4/	854	646	1,500	6,418	2,028	8,446	8,733	6,293	13,565	11,407	24,972	59,764	26,506	86,270	111,242
NORTH CAROLINA	709	228	937	3,785	659	4,444	2,995	10,325	14,819	3,882	18,701	60,626	15,363	75,989	94,690
NORTH DAKOTA	530	40	570	5,403	137	5,540	501	10,628	16,561	678	17,239	68,145	1,133	69,278	86,517
OHIO 5/	847	725	1,572	4,993	1,596	6,589	7,866	11,793	17,633	10,187	27,820	64,539	21,241	85,780	113,600
OKLAHOMA	723	207	930	4,875	432	5,307	2,995	11,809	17,407	3,634	21,041	82,275	8,449	90,724	111,765
OREGON	595	132	727	4,642	404	5,046	2,056	7,817	13,054	2,592	15,646	73,505	5,818	79,323	94,969
PENNSYLVANIA	1,168	403	1,569	7,754	2,159	9,913	7,053	7,980	16,900	9,615	26,515	71,264	18,729	89,993	116,508
RHODE ISLAND	21	49	70	163	271	434	930	201	385	1,250	1,635	1,138	3,398	4,476	6,111
SOUTH CAROLINA	673	118	791	4,956	726	5,682	1,168	8,534	14,163	2,012	16,175	40,540	7,331	47,871	64,046
SOUTH DAKOTA	631	47	678	5,691	108	5,799	390	11,094	17,416	545	17,961	55,546	1,189	56,735	74,685
TENNESSEE 4/	780	282	1,062	5,227	939	6,166	3,168	6,455	11,463	4,388	15,851	57,836	10,952	68,788	84,639
TEXAS 4/	2,282	947	3,229	14,814	1,960	16,774	8,198	32,638	49,734	11,105	60,839	167,441	77,671	245,112	305,951
UTAH 4/	792	146	938	2,505	110	2,615	927	2,706	6,003	1,183	7,186	31,666	4,392	36,058	43,244
VERMONT	286	34	320	1,041	83	1,124	349	1,913	3,240	466	3,706	9,701	714	10,415	14,121
VIRGINIA	777	299	1,076	4,753	660	5,413	3,450	10,200	15,730	4,409	20,139	36,719	10,842	47,561	67,700
WASHINGTON 4/	519	240	759	4,373	650	5,023	4,236	7,320	12,212	5,126	17,338	52,827	11,134	63,961	81,299
WEST VIRGINIA	427	90	517	2,240	207	2,447	808	6,351	9,018	1,105	10,123	22,498	1,971	24,469	34,592
WISCONSIN	516	124	640	8,356	970	9,326	2,982	13,040	21,912	4,076	25,988	73,569	83,888	109,876	135,754
WYOMING	863	50	913	2,866	124	2,990	558	2,266	5,995	732	6,727	31,266	1,220	32,486	39,213
TOTAL 4/	33,547	11,527	45,074	226,078	34,195	260,273	147,680	399,974	659,599	193,402	853,001	2,463,189	563,961	3,027,150	3,880,151
ENDSTUB	0-9	0-3	1-2	5-8	0-9	6-7	3-8	10-3	17-0	5-0	22-0	63-4	14-6	78-0	100-0

1/ THIS TABLE DOES NOT INCLUDE UNBUILT (PLANNED) FEDERAL-AID MILEAGE. NATIONWIDE, THE REPORTED UNBUILT FEDERAL-AID MILEAGE IS 9,682 MILES FOR 1990. THIS INCLUDES 179 MILES OF RURAL INTERSTATE, 159 MILES OF URBAN INTERSTATE, 2,605 MILES OF RURAL FEDERAL-AID PRIMARY (FAP), 1,017 MILES OF URBAN FAP, 3,752 MILES OF FEDERAL-AID URBAN AND 1,970 MILES OF FEDERAL-AID SECONDARY. ALL BUT THREE STATES REPORTED UNBUILT FEDERAL-AID MILEAGE FOR 1990.

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/ 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.

5/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

PUBLIC ROAD AND STREET MILEAGE - 1990<sup>1</sup>

BY FUNCTIONAL SYSTEM

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

TABLE HM-2D  
 SEPTEMBER 1991

STATE	RURAL							URBAN							TOTAL MILEAGE
	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	642	1,994	3,894	11,581	6,971	48,736	73,818	247	21	1,008	1,611	1,707	12,260	16,854	90,672
ALASKA	1,038	53	902	1,904	905	7,134	11,936	51	-	106	81	164	1,147	1,549	13,485
ARIZONA	1,039	1,037	2,181	3,744	3,068	25,876	36,945	130	39	993	1,010	1,650	10,845	14,667	51,612
ARKANSAS	419	1,931	3,167	12,450	6,530	44,911	69,408	123	105	635	996	1,006	4,812	7,677	77,085
CALIFORNIA	1,416	2,932	6,596	12,921	9,891	55,896	89,652	983	1,263	5,941	8,312	7,747	49,676	73,922	163,574
COLORADO	793	1,901	1,947	7,302	12,065	42,400	66,408	149	164	929	1,140	1,156	7,734	11,272	77,680
CONNECTICUT	109	226	472	960	1,137	6,182	9,086	232	191	710	949	1,916	6,907	10,905	19,991
DELAWARE	-	154	183	609	152	2,731	3,829	41	1	136	136	168	1,133	1,615	5,444
DIST. OF COL.	-	-	-	-	-	-	-	-	24	99	152	156	659	1,102	1,102
FLORIDA	1,010	2,678	3,409	4,686	5,195	43,073	60,051	416	269	1,935	2,405	4,780	38,229	48,034	108,085
GEORGIA	873	2,705	5,874	14,034	7,266	57,121	87,873	372	148	1,468	2,112	1,808	15,820	21,728	109,601
HAWAII	5	13	387	458	113	1,611	2,587	38	53	94	117	180	1,030	1,512	4,099
IDAHO	530	1,648	1,027	4,882	3,808	48,111	60,006	75	-	184	397	385	1,388	2,429	62,435
ILLINOIS	1,415	2,741	5,081	14,199	3,575	76,930	103,941	546	83	2,372	3,187	3,291	22,524	32,003	135,944
INDIANA	863	1,102	3,134	9,754	10,303	48,884	74,040	285	112	1,346	2,288	1,961	11,876	17,868	91,908
IOWA	645	3,153	4,890	13,567	16,399	65,101	103,755	137	-	921	1,285	1,047	6,396	8,786	112,541
KANSAS	712	3,250	4,465	22,728	9,321	83,997	124,473	160	90	577	1,038	770	6,470	9,105	133,578
KENTUCKY	579	1,638	1,756	7,215	9,272	41,516	61,976	184	90	497	1,094	902	4,925	7,692	69,668
LOUISIANA	656	1,084	1,575	7,352	4,305	31,358	46,330	188	28	1,018	1,111	1,146	8,799	12,290	58,620
MAINE	313	736	1,088	3,276	2,254	12,228	19,895	53	14	223	297	394	1,513	2,494	22,389
MARYLAND	169	499	1,142	1,911	1,893	10,848	16,462	231	191	891	958	1,174	8,845	12,290	28,752
MASSACHUSETTS	170	242	769	2,007	1,951	8,091	13,230	397	274	1,845	2,419	2,725	13,186	20,846	34,076
MICHIGAN	772	2,398	3,869	17,201	7,483	59,050	90,773	455	200	1,952	3,589	2,790	17,690	26,676	117,449
MINNESOTA	688	3,357	5,323	16,604	11,878	77,339	115,189	217	138	565	1,546	1,643	9,879	14,208	129,397
MISSISSIPPI	560	1,576	4,137	11,704	2,909	44,278	65,164	124	34	600	681	763	5,154	7,356	72,520
MISSOURI	841	2,762	3,706	18,102	5,430	74,647	105,488	336	270	1,039	1,627	1,497	10,270	15,039	120,527
MONTANA	1,144	2,102	3,312	6,681	9,251	46,828	69,116	47	-	171	211	226	1,616	2,271	71,387
NEBRASKA	444	2,719	4,212	11,458	9,233	59,385	87,451	37	10	375	537	405	3,588	4,952	92,403
NEVADA	499	609	1,178	2,328	2,455	35,371	42,440	46	36	172	342	432	2,056	3,084	45,524
NEW HAMPSHIRE	180	319	664	1,235	1,230	8,775	12,403	44	33	190	355	342	1,469	2,433	14,836
NEW JERSEY	126	279	646	1,734	1,254	7,711	11,250	270	269	1,356	2,888	1,919	15,800	22,502	34,252
NEW MEXICO	906	1,976	2,293	4,201	2,373	38,089	49,238	94	3	459	331	285	4,326	5,498	54,736
NEW YORK	854	1,788	4,630	6,293	10,799	48,965	73,329	646	752	2,407	4,168	3,943	25,997	37,913	111,242
NORTH CAROLINA	709	2,003	2,039	10,511	9,050	51,133	75,445	228	207	1,746	1,375	1,375	13,485	19,245	94,690
NORTH DAKOTA	530	1,207	4,198	11,107	7,488	60,176	84,706	40	-	155	270	226	1,120	1,811	86,517
OHIO	847	1,680	3,313	11,793	7,124	57,415	82,172	725	367	2,157	2,792	4,146	21,241	31,428	113,600
OKLAHOMA	723	1,879	3,220	21,409	3,092	69,359	99,682	207	189	782	1,863	1,206	7,836	12,083	111,765
OREGON	595	2,256	2,467	9,643	7,327	64,271	86,559	132	55	565	1,018	975	5,665	8,410	94,969
PENNSYLVANIA	1,166	1,788	5,966	7,980	6,376	62,888	88,164	403	384	2,815	2,822	3,191	18,729	28,344	116,508
RHODE ISLAND	21	74	92	201	153	982	1,523	49	64	348	291	498	3,338	4,588	6,111
SOUTH CAROLINA	673	1,519	3,437	8,534	4,004	36,536	54,703	118	34	689	896	1,159	6,447	9,343	64,046
SOUTH DAKOTA	631	2,318	3,387	11,498	6,965	48,163	72,962	47	3	170	232	114	1,168	1,734	74,696
TENNESSEE	780	1,059	4,168	5,464	10,782	47,046	69,299	282	-	1,325	970	1,811	10,952	15,340	84,639
TEXAS	2,282	7,903	6,914	37,937	18,525	143,614	217,175	947	826	3,944	5,584	6,883	70,592	88,776	305,951
UTAH	792	681	1,863	3,160	4,170	27,003	37,659	146	13	248	429	476	4,253	5,575	43,244
VERMONT	286	293	748	1,913	986	8,715	12,941	34	15	109	130	178	714	1,180	14,121
VIRGINIA	777	1,520	3,545	10,206	2,399	34,002	52,449	299	187	1,002	1,642	1,404	10,717	15,251	67,700
WASHINGTON	519	1,796	2,577	7,349	6,680	46,118	65,039	240	192	1,259	1,709	1,777	11,089	16,260	81,299
WEST VIRGINIA	427	512	1,728	6,352	2,161	20,336	31,516	90	70	216	328	404	1,968	3,076	34,592
WISCONSIN	516	3,289	5,068	13,742	6,506	66,360	95,481	124	156	1,056	1,906	1,427	9,726	14,395	109,876
WYOMING	863	1,023	2,096	2,485	7,455	23,339	37,261	50	3	167	200	320	1,212	1,952	39,213
TOTAL	33,547	83,802	144,735	436,365	293,912	2,130,427	3,122,788	11,527	7,670	51,987	74,656	78,248	533,275	757,363	3,880,151
PERCENT - AREA	1.1	2.7	4.6	14.0	9.4	68.2	100.0	1.5	1.0	6.9	9.9	10.3	70.4	100.0	-
PERCENT - TOTAL	0.9	2.2	3.8	11.3	7.6	64.7	80.5	0.3	0.2	1.3	1.9	2.0	13.8	19.5	100.0

# FEDERAL-AID HIGHWAY SYSTEMS - 1990 <sup>1</sup>

## MILEAGE CLASSIFIED BY TYPE OF SURFACE

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

TABLE HM-31  
 SHEET 1 OF 2  
 SEPTEMBER 1991

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	464	22	156	642	130	5	112	247	-	76	5,710	101	-	5,887	-	9	822	32	12	875	7,651
ALASKA	1,038	-	-	1,038	51	-	-	51	-	955	-	-	-	955	1	63	-	-	-	64	2,108
ARIZONA	1,039	-	-	1,039	74	10	46	130	-	1,467	1,686	8	-	3,218	-	226	579	-	84	889	5,276
ARKANSAS	47	39	333	419	6	9	108	123	-	317	4,249	117	52	4,735	-	1	360	50	69	480	5,757
CALIFORNIA	480	81	655	1,416	108	188	687	983	-	544	8,120	422	426	9,512	-	7	958	223	378	1,566	13,477
COLORADO	478	33	282	793	93	5	51	149	-	115	3,667	61	5	3,848	-	6	390	33	28	457	5,247
CONNECTICUT	66	7	35	109	47	146	39	232	-	33	428	154	9	689	-	124	107	296	54	581	1,611
DELAWARE	-	-	-	-	-	17	24	41	-	7	11	258	61	337	-	4	17	69	16	106	484
DIST. OF COL.	-	-	-	-	3	9	-	12	-	-	-	-	-	-	-	8	144	-	26	178	190
FLORIDA	765	-	245	1,010	270	30	116	416	-	56	5,551	48	8	5,752	-	5	2,039	90	117	2,258	9,436
GEORGIA	137	163	573	873	122	99	151	372	-	215	8,090	-	11	8,579	-	5	1,486	-	51	1,543	11,367
HAWAII	-	-	5	5	24	-	14	38	-	-	390	-	-	390	-	-	121	-	-	121	554
IDAHO	413	-	117	530	42	-	33	75	205	208	2,205	27	30	2,675	6	2	71	-	3	82	3,362
ILLINOIS	-	761	654	1,415	2	360	184	548	-	-	129	6,161	1,532	7,822	6	-	71	1,418	560	2,055	11,836
INDIANA	76	625	152	863	31	195	59	285	-	591	2,240	750	653	4,234	-	5	189	424	153	771	6,153
IOWA	65	155	425	645	5	25	107	137	-	-	1,548	3,940	2,549	8,037	-	-	70	265	381	716	9,535
KANSAS	449	150	113	712	36	31	93	160	-	1,969	4,694	820	332	7,715	-	3	117	112	103	335	8,922
KENTUCKY	169	212	198	579	45	31	108	184	-	119	2,187	670	392	3,368	-	2	304	91	81	478	4,609
LOUISIANA	104	53	499	656	11	28	149	188	-	-	1,062	1,415	172	2,649	-	-	113	207	163	493	3,976
MAINE	301	-	12	313	53	-	-	53	244	1,565	-	13	1	1,823	1	178	-	3	5	187	2,376
MARYLAND	154	3	12	169	135	23	73	231	-	-	1,623	-	2	1,641	-	-	469	11	84	564	2,605
MASSACHUSETTS	165	1	4	170	384	9	4	397	-	196	790	-	16	1,841	-	209	978	9	-	1,199	2,777
MICHIGAN	145	92	535	772	3	165	287	455	-	3,084	136	2,501	546	6,267	-	80	518	518	353	954	9,560
MINNESOTA	96	9	581	686	7	72	138	217	92	1,580	5,132	935	941	6,580	-	115	219	140	149	623	10,208
MISSISSIPPI	202	86	272	560	24	39	61	124	-	543	3,911	760	220	5,434	-	19	233	27	64	343	6,461
MISSOURI	-	513	328	841	-	228	108	336	-	2,081	1,981	1,375	1,031	6,468	-	-	118	150	284	552	8,197
MONTANA	1,029	-	115	1,144	25	-	22	47	288	491	4,569	-	3	5,351	-	5	93	-	5	103	6,645
NEBRASKA	29	50	365	444	3	1	33	37	-	482	4,870	533	1,046	6,931	-	-	68	34	161	263	7,675
NEVADA	389	-	110	499	8	-	38	46	-	-	1,787	-	-	1,787	-	-	48	-	21	69	2,401
NEW HAMPSHIRE	180	-	-	180	44	-	-	44	141	83	715	-	-	964	2	-	142	-	-	169	1,357
NEW JERSEY	87	6	33	126	137	13	120	270	-	8	318	-	249	800	-	-	369	183	127	679	1,875
NEW MEXICO	687	176	43	906	41	37	16	94	226	734	2,704	-	-	3,664	8	10	193	4	224	4,888	
NEW YORK	246	440	168	854	35	322	289	646	-	86	2,560	3,262	510	6,418	-	1	322	1,315	390	2,028	9,946
NORTH CAROLINA	308	9	392	709	79	3	146	228	3	268	3,671	21	90	3,785	-	-	589	5	65	659	5,381
NORTH DAKOTA	20	31	479	530	2	10	28	40	34	86	5,047	13	41	5,403	-	3	90	10	34	137	6,110
OHIO 7/	69	677	101	847	22	539	164	725	-	-	2,872	1,765	356	4,993	-	2	583	763	248	1,596	8,161
OKLAHOMA	410	39	274	723	110	8	89	207	554	-	3,441	574	306	4,875	-	-	191	97	144	432	6,237
OREGON	388	19	188	695	43	5	84	132	-	188	4,389	5	60	4,642	-	1	359	21	23	404	5,773
PENNSYLVANIA	73	458	635	1,166	39	161	203	403	-	730	2,515	3,407	1,102	7,754	-	252	404	1,019	484	2,159	11,482
RHODE ISLAND	-	21	-	21	4	45	-	49	22	66	60	-	15	163	-	82	179	6	4	271	504
SOUTH CAROLINA	407	-	266	673	61	-	57	118	-	2,202	2,292	450	12	4,856	-	128	493	162	3	726	6,473
SOUTH DAKOTA	48	2	581	631	-	-	47	47	240	207	4,473	35	736	5,691	-	-	27	9	72	108	6,477
TENNESSEE	717	51	12	780	75	121	86	282	-	4,882	342	3	3	5,227	-	-	642	279	17	938	7,227
TEXAS	1,454	321	507	2,282	291	253	403	947	224	372	12,247	1,633	338	14,814	5	-	1,173	338	444	1,960	20,003
UTAH	707	-	85	792	54	-	92	146	-	-	2,505	-	-	2,505	-	-	106	-	4	110	3,553
VERMONT	286	-	-	286	34	-	-	34	16	14	1,009	-	2	1,041	-	-	80	-	3	83	1,444
VIRGINIA	575	53	149	777	105	43	151	299	-	36	4,467	174	71	4,753	-	3	561	74	22	650	6,489
WASHINGTON	383	-	136	519	113	-	127	240	-	-	4,236	-	137	4,373	-	-	479	-	171	650	5,782
WEST VIRGINIA	-	112	315	427	-	38	52	90	-	-	2,008	9	223	2,240	-	-	149	2	56	207	2,964
WISCONSIN	11	195	310	516	-	68	56	124	-	537	4,873	1,497	1,449	8,356	-	-	296	228	445	970	9,966
WYOMING	719	1	143	863	9	-	41	50	41	40	2,767	-	18	2,866	-	-	93	-	31	124	3,903
TOTAL	18,077	5,666	11,804	33,547	3,040	3,391	5,096	11,527	2,779	22,298	150,717	34,532	15,752	226,078	40	1,555	17,517	8,881	6,202	34,195	305,347
PERCENT/SYSTEM	47.9	16.9	35.2	100.0	26.4	29.4	44.2	100.0	1.2	9.9	66.6	15.3	7.0	100.0	0.1	4.6	51.1	26.0	18.2	100.0	-

Roadway Extent, Characteristics, and Performance

## FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

### MILEAGE CLASSIFIED BY TYPE OF SURFACE

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

TABLE HM-31  
 SHEET 2 OF 2  
 SEPTEMBER 1991

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL								FEDERAL-AID URBAN HIGHWAY SYSTEM									
	UNPAVED 2/	PAVED 3/						TOTAL	TOTAL	UNPAVED 2/	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	256	3,745	2,780	4,624	176	-	11,325	11,581	-	103	1,009	1,563	96	21	2,792	2,792		
ALASKA	1,005	11	800	-	-	-	811	1,816	18	3	217	-	-	220	238			
ARIZONA	395	886	986	1,189	-	-	2,861	3,256	86	196	659	847	5	40	1,747	1,933		
ARKANSAS	878	223	2,773	3,247	253	-	6,496	7,374	22	247	808	30	30	1,138	1,160			
CALIFORNIA	310	91	3,191	7,252	212	120	10,866	11,176	23	94	1,983	14,564	727	400	17,768	17,791		
COLORADO	-	-	101	3,175	134	-	3,410	3,410	62	-	73	2,145	86	28	2,332	2,394		
CONNECTICUT	-	457	-	351	-	17	502	902	-	278	212	2,120	271	72	2,953	2,955		
DELAWARE	-	16	133	33	404	19	605	605	-	13	96	52	112	48	321	321		
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	14	216	3	233	233		
FLORIDA	97	1,103	56	3,104	-	36	4,299	4,396	31	83	185	4,278	6	20	4,572	4,603		
GEORGIA	345	3,397	2,890	7,339	-	40	13,666	14,011	19	90	340	3,492	-	41	3,963	3,992		
HAWAII	-	10	19	406	-	-	435	435	-	-	-	317	-	5	322	322		
IDAHO	640	906	889	1,618	4	-	3,417	4,057	3	18	93	603	3	5	722	725		
ILLINOIS	829	2,867	355	7,448	1,080	343	12,093	12,922	43	607	203	1,900	3,091	801	6,502	6,645		
INDIANA	-	27	5,607	3,843	240	23	9,740	9,740	37	37	2,867	1,378	183	212	4,677	4,714		
IOWA	1,374	257	26	6,695	308	4,906	12,192	13,566	167	71	9	567	673	956	2,276	2,443		
KANSAS	11,853	2,125	7,722	819	106	30	10,802	22,655	46	-	553	550	229	273	1,605	1,651		
KENTUCKY	-	83	1,727	4,664	698	-	7,172	7,172	1	-	447	1,145	315	100	2,007	2,008		
LOUISIANA	-	1,780	1,202	5,433	636	78	7,349	7,349	-	-	65	1,224	327	531	2,157	2,157		
MAINE	-	-	982	-	-	-	2,742	2,742	1	264	493	-	3	5	705	705		
MARYLAND	-	28	165	1,709	-	8	1,911	1,911	-	1	60	2,063	16	15	2,155	2,155		
MASSACHUSETTS	38	45	815	1,109	-	-	1,969	2,007	18	3	1,674	4,208	-	2	5,887	5,905		
MICHIGAN	1,673	2,070	5,130	6,537	1,091	498	15,386	17,059	107	218	905	3,058	731	447	5,359	5,466		
MINNESOTA	1,623	-	8,795	5,587	-	619	14,981	16,604	25	-	1,479	463	83	206	2,231	2,256		
MISSISSIPPI	708	3,028	5,645	2,144	148	22	10,987	11,695	32	114	524	914	46	89	1,687	1,719		
MISSOURI	-	7,094	8,813	1,382	648	176	18,093	18,093	4	146	616	952	422	343	2,479	2,493		
MONTANA	1,750	228	850	1,915	-	-	2,994	4,744	7	-	59	263	3	10	335	342		
NEBRASKA	4,567	125	3,167	3,144	118	337	6,891	11,458	20	-	71	475	49	449	1,044	1,064		
NEVADA	50	-	164	2,101	-	-	2,265	2,315	-	-	47	508	-	2	557	567		
NEW HAMPSHIRE	-	568	55	582	11	18	1,232	1,232	-	245	4	455	7	15	726	726		
NEW JERSEY	-	-	68	1,541	78	-	1,687	1,687	1	-	352	4,309	655	71	5,387	5,388		
NEW MEXICO	73	896	1,578	1,255	28	-	3,567	3,640	5	28	254	261	4	21	568	573		
NEW YORK	-	-	630	3,512	1,990	181	8,293	6,293	2	15	1,434	3,253	3,463	566	8,731	8,733		
NORTH CAROLINA	-	310	-	9,771	19	225	10,325	10,325	5	180	-	2,775	9	25	2,990	2,995		
NORTH DAKOTA	-	1,273	1,186	3,874	-	54	6,387	10,828	43	17	184	175	25	57	458	501		
OHIO 2/	4,241	74	81	8,508	3,115	15	11,793	11,793	1	-	31	6,251	1,022	561	7,865	7,866		
OKLAHOMA	1,094	5,225	-	4,187	1,148	155	10,715	11,809	113	1,541	-	778	97	466	2,882	2,995		
OREGON	402	224	2,464	4,727	-	-	7,415	7,817	5	10	112	1,870	5	54	2,051	2,056		
PENNSYLVANIA	420	-	2,396	3,736	1,345	81	7,560	7,980	32	-	2,287	3,175	1,311	248	7,021	7,053		
RHODE ISLAND	-	47	117	24	-	13	201	201	-	126	598	197	3	6	930	930		
SOUTH CAROLINA	-	-	7,174	1,360	-	-	8,534	8,534	3	-	797	359	5	4	1,165	1,168		
SOUTH DAKOTA	-	4,202	1,124	1,445	92	370	7,233	11,094	25	162	111	42	6	44	365	390		
TENNESSEE	3,861	1,417	152	3,870	17	-	5,456	5,456	-	50	10	2,928	134	46	3,168	3,168		
TEXAS	-	899	1,710	29,057	785	185	32,638	32,638	43	408	864	5,201	831	851	8,155	8,198		
UTAH	406	-	525	1,771	-	4	2,300	2,706	1	-	317	577	-	2	928	927		
VERMONT	67	266	-	1,547	-	5	1,845	1,913	13	-	73	241	-	5	336	349		
VIRGINIA	-	3,805	1,054	5,278	53	10	10,200	10,200	-	119	42	3,007	171	111	3,450	3,450		
WASHINGTON	518	304	3,032	3,183	100	183	6,802	7,320	16	41	1,106	2,698	44	331	4,220	4,236		
WEST VIRGINIA	-	478	420	5,439	-	14	6,351	6,351	1	18	18	696	-	75	807	808		
WISCONSIN	-	-	3,140	9,069	800	11	13,040	13,040	18	35	111	1,899	196	723	2,964	2,982		
WYOMING	83	261	40	1,814	-	68	2,183	2,265	10	10	96	417	-	26	548	558		
<b>TOTAL</b>	<b>39,556</b>	<b>50,449</b>	<b>92,710</b>	<b>192,498</b>	<b>15,915</b>	<b>8,846</b>	<b>360,418</b>	<b>399,974</b>	<b>1,111</b>	<b>5,440</b>	<b>23,890</b>	<b>92,036</b>	<b>15,713</b>	<b>9,490</b>	<b>146,569</b>	<b>147,680</b>		
<b>PERCENT/SYSTEM</b>	<b>9.9</b>	<b>12.7</b>	<b>23.2</b>	<b>47.9</b>	<b>4.0</b>	<b>2.3</b>	<b>90.1</b>	<b>100.0</b>	<b>0.8</b>	<b>3.7</b>	<b>16.2</b>	<b>62.1</b>	<b>10.7</b>	<b>6.5</b>	<b>99.2</b>	<b>100.0</b>		

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; INTERMEDIATE TYPE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROAD ON A FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7"; HIGH-TYPE FLEXIBLE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY ON A FLEXIBLE BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE - ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS; HIGH-TYPE COMPOSITE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY OF MORE THAN 1" COMPACTED MATERIAL ON A RIGID BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE; HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS WEARING SURFACE OF LESS THAN 1".

4/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM ITS MILEAGE IS SHOWN SEPARATELY.  
 5/ INCLUDES UNPAVED MILEAGE IN THE FOLLOWING SYSTEM: RURAL PRIMARY -- 36 MILES IN MONTANA.  
 6/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.  
 7/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).  
 8/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL SURFACE AND MAINTAINED TO PERMIT PASSABILITY; GRADED AND DRAINED ROADWAYS OF NATURAL EARTH ALIGNED AND GRADED TO PERMIT REASONABLY CONVENIENT USE BY MOTOR VEHICLES AND WHICH HAVE ADEQUATE DRAINAGE TO PREVENT SERIOUS IMPAIRMENT OF THE ROAD BY NORMAL SURFACE WATER - SURFACE MAY BE STABILIZED; AND SOIL, GRAVEL, OR STONE, A GRADED AND DRAINED ROAD WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAG, SHELL, ETC. - SURFACE MAY BE STABILIZED.



# FEDERAL-AID HIGHWAY SYSTEMS - 1990 <sup>1</sup>

## MILEAGE CLASSIFIED BY LANE WIDTH

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

TABLE HM-33  
 SHEET 1 OF 2  
 SEPTEMBER 1991

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	-	642	-	642	-	247	-	247	-	-	734	614	4,482	57	5,887	-	-	59	91	704	21	875	7,651	
ALASKA	189	849	-	1,038	-	51	-	51	-	-	162	3	716	74	955	-	-	-	31	30	3	64	2,108	
ARIZONA	11	722	306	1,039	-	109	21	130	-	-	-	57	1,978	1,183	3,218	-	-	-	32	449	408	889	5,278	
ARKANSAS	-	419	-	419	-	123	-	123	-	-	1,029	1,597	2,107	2	4,735	-	-	3	49	307	-	480	5,757	
CALIFORNIA	-	1,416	-	1,416	42	941	-	983	-	92	969	1,308	7,090	53	9,512	-	-	-	27	72	1,457	10	1,566	13,477
COLORADO	-	746	47	793	-	146	3	149	-	-	61	508	3,142	137	3,848	-	-	2	77	361	17	457	5,247	
CONNECTICUT	-	109	-	109	-	232	-	232	-	-	17	52	620	-	689	-	-	12	19	547	3	581	1,611	
DELAWARE	-	-	-	-	-	39	2	41	-	-	-	18	316	-	337	-	-	5	9	74	18	106	484	
DIST. OF COL.	-	-	-	-	-	12	-	12	-	-	-	-	-	-	-	-	-	10	51	61	46	10	178	190
FLORIDA	-	1,006	4	1,010	16	393	7	416	-	-	543	764	4,269	176	5,752	-	-	145	235	1,725	153	2,258	9,436	
GEORGIA	-	863	20	873	30	316	26	372	-	-	153	683	6,322	1,421	8,579	-	-	86	124	872	456	1,543	11,367	
HAWAII	-	5	-	5	3	35	-	38	10	14	50	97	219	-	390	-	-	10	28	77	6	121	554	
IDAHO	-	530	-	530	-	75	-	75	-	5	81	205	2,384	-	2,675	-	-	3	-	73	6	82	3,362	
ILLINOIS	-	1,415	-	1,415	-	546	-	546	70	564	214	875	5,699	400	7,822	-	2	167	240	1,429	211	2,055	11,838	
INDIANA	-	863	-	863	-	285	-	285	6	-	332	683	2,950	263	4,234	-	-	34	67	542	126	771	6,153	
IOWA	34	611	-	645	-	137	-	137	6	353	226	1,398	6,054	-	8,037	2	1	16	51	646	-	716	9,535	
KANSAS	-	712	-	712	-	160	-	160	-	3	11	1,243	6,458	-	7,715	-	-	5	4	30	296	335	8,922	
KENTUCKY	-	579	-	579	-	184	-	184	-	513	657	460	1,715	23	3,368	-	-	4	74	44	341	15	478	4,609
LOUISIANA	-	656	-	656	-	188	-	188	-	-	64	542	2,043	-	2,649	-	-	36	59	383	1	483	3,976	
MAINE	-	313	-	313	-	53	-	53	-	13	325	576	853	56	1,823	-	-	11	13	120	43	187	2,376	
MARYLAND	-	169	-	169	-	226	5	231	-	11	87	329	1,204	10	1,641	-	-	2	31	79	420	32	564	2,605
MASSACHUSETTS	-	170	-	170	3	392	-	397	3	-	20	189	611	155	1,011	-	-	1	92	59	580	467	1,199	2,777
MICHIGAN	-	772	-	772	1	454	2	455	-	33	230	2,018	4,019	-	6,267	-	-	35	177	744	1	960	8,454	
MINNESOTA	-	688	-	688	-	217	-	217	-	-	317	799	7,219	345	8,680	-	-	4	23	591	5	623	10,208	
MISSISSIPPI	-	560	-	560	-	124	-	124	-	-	503	675	4,256	-	5,434	-	-	17	27	294	5	343	6,461	
MISSOURI	-	841	-	841	-	336	-	336	-	-	1,856	1,434	3,155	23	6,468	-	-	21	43	482	6	552	8,197	
MONTANA	-	1,144	-	1,144	-	47	-	47	-	31	315	577	4,414	14	5,351	-	-	-	-	101	2	103	6,645	
NEBRASKA	-	443	1	444	-	36	1	37	-	-	35	445	5,466	985	6,931	-	-	25	11	177	50	263	7,675	
NEVADA	-	499	-	499	-	46	-	46	-	-	-	1	1,786	-	1,787	-	-	-	-	69	-	69	2,401	
NEW HAMPSHIRE	-	180	-	180	-	43	1	44	-	2	30	60	856	16	964	-	-	5	3	13	28	169	1,357	
NEW JERSEY	-	126	-	126	2	266	2	270	-	7	278	26	439	50	900	-	-	85	50	510	34	679	1,875	
NEW MEXICO	-	906	-	906	-	93	1	94	-	-	382	139	3,042	101	3,654	-	-	33	5	181	5	224	4,888	
NEW YORK	-	792	62	854	-	606	40	848	2	85	1,199	1,845	3,028	259	6,418	-	-	4	136	177	1,535	176	2,028	9,946
NORTH CAROLINA	-	709	-	709	1	227	-	228	7	237	478	655	2,408	-	3,785	-	-	9	5	51	594	2	659	5,381
NORTH DAKOTA	-	530	-	530	-	40	-	40	-	-	8	375	4,994	26	5,403	-	-	-	2	133	2	137	6,110	
OHIO 4/	-	847	-	847	-	725	-	725	-	247	648	895	3,165	38	4,993	-	-	32	195	184	1,021	164	1,596	8,161
OKLAHOMA	-	723	-	723	-	205	2	207	-	-	31	722	4,032	90	4,875	-	-	8	29	292	103	432	6,237	
OREGON	-	591	4	595	-	132	-	132	-	-	271	616	3,696	59	4,642	-	-	11	23	353	17	404	5,773	
PENNSYLVANIA	4	1,161	-	1,168	-	403	-	403	107	609	1,732	2,849	2,521	36	7,754	1	-	306	512	1,199	106	2,159	11,482	
RHODE ISLAND	-	21	-	21	-	49	-	49	-	-	27	37	67	32	163	-	-	27	52	147	45	271	504	
SOUTH CAROLINA	-	673	-	673	4	114	-	118	-	29	170	1,030	3,676	51	4,956	-	-	28	71	578	49	728	6,473	
SOUTH DAKOTA	-	831	-	831	-	47	-	47	-	29	134	339	4,905	284	5,691	-	-	5	1	101	1	108	6,477	
TENNESSEE	-	780	-	780	-	282	-	282	-	99	899	1,846	2,383	-	5,227	-	-	86	199	645	8	936	7,227	
TEXAS	-	2,281	1	2,282	-	947	-	947	-	2	151	951	10,373	3,337	14,614	-	-	9	51	1,775	125	1,950	20,003	
UTAH	-	792	-	792	-	146	-	146	-	-	-	-	2,505	-	2,505	-	-	-	-	110	-	110	3,553	
VERMONT	-	286	-	286	-	34	-	34	-	9	89	480	378	85	1,041	3	-	6	11	51	11	83	1,444	
VIRGINIA	-	766	3	777	1	296	2	299	36	116	2,505	723	1,287	86	4,753	-	-	121	159	291	88	680	6,489	
WASHINGTON	8	519	-	519	3	237	-	240	3	-	395	2,053	1,922	-	4,373	-	-	11	143	496	-	650	5,782	
WEST VIRGINIA	-	426	1	427	-	90	-	90	101	496	700	345	593	5	2,240	1	6	38	25	136	1	207	2,964	
WISCONSIN	-	516	-	516	-	124	-	124	-	-	320	2,013	6,023	-	8,356	3	-	39	121	805	-	970	9,966	
WYOMING	-	863	-	863	-	31	19	50	-	-	51	43	2,772	-	2,866	-	-	-	15	100	9	124	3,903	
TOTAL	246	32,851	450	33,547	106	11,287	134	11,527	351	3,499	19,489	36,192	156,612	9,935	226,078	12	136	2,170	3,707	25,123	3,047	34,195	305,347	
PERCENT/SYSTEM	0.8	97.9	1.3	100.0	0.9	97.9	1.2	100.0	0.2	1.5	8.6	16.0	69.3	4.4	100.0	0.0	0.4	6.3	10.8	73.6	8.9	100.0	-	

Roadway Extent, Characteristics, and Performance

# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

## MILEAGE CLASSIFIED BY LANE WIDTH

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

TABLE HM-33  
 SHEET 2 OF 2  
 SEPTEMBER 1991

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	-	3,450	5,734	1,332	1,040	25	11,581	9	149	1,044	495	825	270	2,792
ALASKA	-	4	55	220	857	680	1,816	9	-	17	18	162	32	238
ARIZONA	-	161	168	261	2,166	500	3,256	43	4	109	222	1,217	238	1,833
ARKANSAS	124	724	3,364	2,422	740	-	7,374	4	65	325	299	456	11	1,160
CALIFORNIA	16	325	469	2,348	7,474	544	11,176	112	365	1,494	1,668	12,992	1,160	17,791
COLORADO	-	-	817	681	1,860	52	3,410	6	36	361	349	1,376	266	2,394
CONNECTICUT	-	22	87	251	515	27	902	121	199	397	332	1,387	519	2,955
DELAWARE	-	79	184	166	158	18	605	21	28	91	24	79	78	321
DIST. OF COL.	-	-	-	-	-	-	-	15	22	97	53	40	6	233
FLORIDA	106	1,043	2,018	352	877	-	4,396	23	191	1,054	598	2,250	477	4,603
GEORGIA	-	2,012	5,587	2,624	2,716	1,072	14,011	5	175	635	557	1,352	1,258	3,982
HAWAII	80	103	112	44	91	5	435	6	20	152	43	45	56	322
IDAHO	156	313	1,004	142	2,440	2	4,057	2	2	48	60	582	51	725
ILLINOIS	456	790	4,815	5,254	1,406	201	12,922	98	305	1,586	1,084	2,740	834	6,645
INDIANA	-	2,283	3,405	958	2,821	147	9,740	116	660	1,415	688	1,291	544	4,714
IOWA	-	146	878	9,025	3,517	-	13,566	6	44	81	308	2,004	-	2,443
KANSAS	-	392	3,107	8,762	8,915	1,479	22,655	-	529	229	231	662	-	1,651
KENTUCKY	401	3,812	1,887	871	7,172	10	17,059	103	410	607	387	366	135	2,008
LOUISIANA	-	89	3,312	1,586	2,362	-	7,349	-	85	715	351	1,016	-	2,187
MAINE	28	796	1,095	565	243	15	2,742	5	41	183	100	187	190	706
MARYLAND	103	203	740	486	365	14	1,911	87	63	383	347	933	342	2,155
MASSACHUSETTS	111	175	431	807	427	256	2,007	117	98	971	600	1,777	2,342	5,905
MICHIGAN	-	590	6,728	5,267	4,318	156	17,059	29	46	1,045	1,877	2,017	452	5,466
MINNESOTA	-	136	776	4,375	11,181	136	16,604	1	2	109	154	1,948	42	2,256
MISSISSIPPI	281	830	7,507	1,290	1,787	-	11,695	8	120	624	257	569	141	1,719
MISSOURI	-	1,435	13,054	2,785	803	16	18,093	-	129	458	685	1,019	192	2,483
MONTANA	69	99	188	4,071	4,744	36	4,744	2	5	14	318	342	2	342
NEBRASKA	544	262	1,895	2,484	5,040	1,293	11,458	75	28	149	149	531	132	1,064
NEVADA	-	-	132	29	2,154	-	2,315	-	12	22	4	519	-	557
NEW HAMPSHIRE	-	90	320	342	458	19	1,232	42	32	91	127	360	74	726
NEW JERSEY	-	15	477	108	819	268	1,687	87	66	829	776	1,613	2,015	5,388
NEW MEXICO	2	98	769	322	1,827	622	3,640	2	7	67	39	344	114	573
NEW YORK	-	225	2,170	2,476	1,376	46	6,293	103	435	1,685	1,712	3,685	1,113	8,733
NORTH CAROLINA	67	1,475	4,735	1,314	2,734	-	10,325	28	443	368	480	1,676	-	2,995
NORTH DAKOTA	-	303	889	1,367	7,859	210	10,628	4	1	17	39	438	2	501
OHIO 4/	566	3,716	4,541	1,768	1,199	13	11,793	293	1,097	2,101	954	2,819	602	7,866
OKLAHOMA	450	1,554	1,331	2,466	5,944	64	11,809	53	241	611	411	928	751	2,995
OREGON	74	704	3,012	1,893	2,060	74	7,817	19	86	354	19	941	158	2,056
PENNSYLVANIA	1,235	1,926	2,049	1,955	680	135	7,980	318	793	2,160	1,600	1,790	492	7,053
RHODE ISLAND	9	11	58	58	48	17	201	16	71	136	130	266	311	930
SOUTH CAROLINA	46	516	2,354	3,958	1,522	138	8,534	-	26	290	201	551	100	1,168
SOUTH DAKOTA	310	721	1,270	1,763	6,779	251	11,094	9	5	18	47	303	7	330
TENNESSEE	119	1,338	1,933	1,788	2,78	-	5,456	39	192	677	797	1,361	102	3,168
TEXAS	-	1,892	12,073	3,650	13,472	1,361	32,638	19	133	890	1,269	5,194	693	8,198
UTAH	167	49	153	205	2,132	-	2,706	-	-	13	35	874	5	927
VERMONT	-	191	590	809	286	37	1,913	5	40	86	85	81	53	349
VIRGINIA	2,796	2,177	3,888	1,214	91	34	10,200	91	432	1,026	559	850	492	3,450
WASHINGTON	91	398	2,474	1,662	2,247	448	7,320	43	228	930	1,185	1,608	242	4,236
WEST VIRGINIA	1,492	2,495	1,056	847	460	-	6,351	79	189	180	103	257	-	808
WISCONSIN	-	39	3,277	7,624	2,100	-	13,040	42	33	407	763	1,737	-	2,982
WYOMING	-	-	292	306	1,668	-	2,266	-	2	36	56	289	175	558
TOTAL	9,928	40,198	119,260	93,554	126,674	10,360	399,974	2,306	8,391	27,377	23,720	68,615	17,271	147,680
PERCENT/SYSTEM	2.5	10.1	29.8	23.4	31.6	2.8	100.0	1.6	5.7	18.5	16.1	46.4	11.7	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/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

## MILEAGE CLASSIFIED BY TRAFFIC LANES, ACCESS CONTROL AND STATES

TABLE HM-35  
SHEET 1 OF 2  
SEPTEMBER 1991

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

STATE	INTERSTATE SYSTEM 3/								FEDERAL-AID PRIMARY HIGHWAY SYSTEM 5/														TOTAL FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE	
	RURAL MILEAGE				URBAN MILEAGE				RURAL MILEAGE							URBAN MILEAGE								
	DIVIDED HIGHWAYS		OTHER 2/	TOTAL	DIVIDED HIGHWAYS		OTHER 2/	TOTAL	2 LANES	DEGREE OF ACCESS CONTROL 4/			OTHER 2/	TOTAL	2 LANES	DEGREE OF ACCESS CONTROL 4/			OTHER 2/	TOTAL				
	FULL ACCESS CONTROL				FULL ACCESS CONTROL					NONE	PARTIAL	FULL				NONE	PARTIAL	FULL			NONE	PARTIAL		FULL
	4 LANES	> 4 LANES	4 LANES	> 4 LANES																				
ALABAMA	637	5	-	642	168	79	-	247	5,103	560	3	-	563	221	5,887	308	335	29	3	367	200	875	7,651	
ALASKA	-	-	1,038	1,038	26	-	25	51	949	-	3	-	3	3	955	43	9	-	9	18	3	64	2,108	
ARIZONA	1,039	-	-	1,039	90	40	-	130	2,973	84	9	-	93	152	3,218	351	186	11	78	275	263	889	5,276	
ARKANSAS	418	1	-	419	83	40	-	123	4,467	37	7	107	151	117	4,735	216	8	52	47	107	157	480	5,757	
CALIFORNIA	1,138	278	-	1,416	114	869	-	983	8,109	102	416	-	292	5,512	400	293	91	657	1,041	125	1,566	13,477		
COLORADO	774	19	-	793	71	-	-	149	3,304	-	206	-	13	219	3,848	66	-	331	43	1,614	111	2,258	5,247	
CONNECTICUT	81	28	-	109	69	163	-	232	567	-	-	-	93	29	689	291	50	15	164	229	61	581	1,611	
DELAWARE	-	-	-	-	11	30	-	41	220	75	38	-	113	4	337	34	49	5	-	54	18	106	484	
DIST. OF COL.	-	-	-	-	3	9	-	12	-	-	-	-	-	-	-	41	35	14	5	54	83	178	190	
FLORIDA	999	11	-	1,010	280	153	-	416	4,327	1,370	-	-	1,370	55	5,752	533	1,593	3	18	1,614	111	2,258	9,436	
GEORGIA	782	111	-	893	154	218	-	372	7,461	564	44	-	616	502	8,579	637	171	43	100	314	592	1,543	11,367	
HAWAII	-	5	-	5	7	31	-	38	370	8	-	-	8	12	390	39	10	54	3	67	15	121	554	
IDAHO	504	-	26	530	74	1	-	75	2,516	3	73	-	76	83	2,675	28	17	9	1	27	27	82	3,362	
ILLINOIS	1,386	29	-	1,415	247	299	-	546	6,460	69	394	-	885	1,348	14	7,822	878	574	221	90	885	292	11,838	
INDIANA	828	35	-	863	146	139	-	285	3,112	845	201	-	1,046	76	4,234	317	200	85	24	309	145	771	6,153	
IOWA	612	33	-	645	97	40	-	137	7,568	75	129	-	100	304	165	8,037	301	91	55	27	173	242	716	9,535
KANSAS	701	11	-	712	107	53	-	160	7,320	23	136	-	106	265	130	7,715	146	21	75	31	127	62	8,922	
KENTUCKY	548	31	-	579	100	84	-	184	2,460	84	116	-	672	872	36	3,368	185	90	80	58	228	65	4,609	
LOUISIANA	634	22	-	656	109	79	-	188	2,244	324	59	-	385	20	2,649	129	200	65	18	283	71	483	3,976	
MAINE	306	7	-	313	52	1	-	53	1,788	-	-	-	8	27	1,823	97	21	11	12	44	46	187	2,376	
MARYLAND	93	76	-	169	66	164	1	231	1,160	206	188	-	55	449	32	1,641	151	178	72	137	387	26	2,605	
MASSACHUSETTS	103	67	-	170	80	317	-	397	900	6	83	-	71	40	1,011	936	47	38	127	212	51	1,199	2,777	
MICHIGAN	667	105	-	772	205	248	2	455	5,705	108	6	-	352	460	102	6,267	269	181	-	160	341	350	960	8,454
MINNESOTA	672	16	-	688	137	80	-	217	7,980	392	247	-	6	645	55	8,680	205	171	43	362	56	623	10,208	
MISSISSIPPI	560	-	-	560	105	19	-	124	4,686	382	281	-	63	726	22	5,434	123	71	82	32	185	35	343	6,461
MISSOURI	841	-	-	841	129	207	-	336	5,733	125	551	-	30	706	29	6,468	182	26	168	82	276	94	552	8,197
MONTANA	1,144	-	-	1,144	47	-	-	47	5,274	37	3	-	40	37	5,351	35	40	1	-	41	27	103	6,645	
NEBRASKA	444	-	-	444	26	11	-	37	6,838	47	9	-	56	37	6,931	111	90	8	6	104	48	263	7,675	
NEVADA	499	-	-	499	27	19	-	46	1,675	1	10	-	18	29	83	1,787	11	11	15	21	47	11	69	2,401
NEW HAMPSHIRE	153	22	5	180	34	10	-	44	898	3	-	-	9	12	54	964	125	5	7	15	27	17	169	1,357
NEW JERSEY	46	80	-	126	64	206	-	270	591	86	26	-	37	149	60	800	209	242	52	150	444	26	679	1,875
NEW MEXICO	896	10	-	906	74	20	-	94	3,164	275	-	-	275	225	3,664	21	136	-	-	136	67	224	4,888	
NEW YORK	778	75	1	854	291	355	-	646	5,415	94	73	-	447	614	389	6,418	809	207	257	515	979	240	2,028	9,946
NORTH CAROLINA	698	11	-	709	192	36	-	228	2,913	326	128	-	252	706	166	3,785	141	154	68	112	334	184	859	5,381
NORTH DAKOTA	530	-	-	530	40	-	-	40	5,053	-	350	-	-	350	-	5,403	51	22	13	-	35	51	137	6,110
OHIO	799	42	6	847	422	295	8	725	3,934	170	589	-	184	943	116	4,993	586	122	316	147	585	425	1,596	8,161
OKLAHOMA	723	-	-	723	139	68	-	207	4,083	466	88	-	95	649	143	4,875	124	91	38	60	189	119	432	6,237
OREGON	570	25	-	595	82	50	-	132	4,111	30	19	-	7	55	475	4,642	156	19	34	30	83	165	404	5,773
PENNSYLVANIA	1,158	8	-	1,166	320	83	-	403	6,334	345	106	-	482	934	486	7,754	900	286	67	367	720	539	2,159	11,482
RHODE ISLAND	21	-	-	21	5	44	-	49	119	11	7	-	-	18	26	163	120	21	23	31	75	76	271	504
SOUTH CAROLINA	673	-	-	673	71	47	-	118	4,060	758	14	-	26	798	98	4,956	185	413	9	35	457	84	726	6,473
SOUTH DAKOTA	631	47	-	678	47	-	-	47	5,397	100	121	-	-	221	73	5,691	34	13	-	28	26	48	108	6,477
TENNESSEE	713	67	-	780	170	112	-	282	4,736	317	3	-	41	361	128	5,227	364	222	105	59	355	219	936	7,227
TEXAS	2,246	36	-	2,282	406	541	-	947	10,914	2,019	423	-	141	2,583	1,317	14,814	341	365	117	570	1,072	547	1,960	20,003
UTAH	770	22	-	792	44	102	-	146	2,336	29	3	11	43	126	2,505	45	33	20	1	54	11	110	3,553	
VERMONT	286	-	-	286	34	-	-	34	969	16	28	-	6	50	22	1,041	59	3	6	2	11	13	83	1,444
VIRGINIA	672	105	-	777	159	136	4	299	3,357	987	64	-	136	1,187	209	4,753	218	178	48	245	197	660	6,489	
WASHINGTON	397	122	-	519	94	146	-	240	4,161	20	152	-	-	172	40	4,373	230	67	72	117	256	164	650	5,782
WEST VIRGINIA	406	21	-	427	80	9	1	90	1,949	176	80	-	10	266	25	2,240	136	27	17	13	57	14	207	2,964
WISCONSIN	469	47	-	516	66	58	-	124	7,209	52	188	-	498	738	409	8,356	441	192	97	128	417	112	970	9,966
WYOMING	863	-	-	863	49	-	1	50	2,831	10	-	-	-	10	25	2,866	30	26	1	78	16	124	3,903	
TOTAL	30,888	1,583	1,076	33,547	5,700	5,782	45	11,527	195,805	11,814	5,591	5,556	22,961	7,312	226,078	12,388	7,632	3,191	4,357	15,180	6,627	34,195	305,347	
PERCENT/SYSTEM	92.1	4.7	3.2	100.0	49.4	50.2	0.4	100.0	86.6	5.2	2.5	2.5	10.2	3.2	100.0	36.2	22.2	9.4	12.8	44.4	19.4	100.0	-	

Roadway Extent, Characteristics, and Performance

# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

## MILEAGE CLASSIFIED BY TRAFFIC LANES, ACCESS CONTROL AND STATES

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

TABLE HM-36  
 SHEET 2 OF 2  
 SEPTEMBER 1991

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/					
		NONE	PARTIAL	FULL					NONE	PARTIAL			FULL	
ALABAMA	11,485	93	-	-	93	3	11,581	2,192	157	3	-	160	440	2,792
ALASKA	1,816	-	-	-	-	-	1,816	181	10	13	-	23	34	238
ARIZONA	3,154	43	-	-	43	59	3,256	867	309	17	10	336	630	1,833
ARKANSAS	7,360	9	-	-	9	5	7,374	947	26	21	-	47	166	1,160
CALIFORNIA	10,998	66	37	-	123	55	11,176	9,373	4,879	684	87	5,650	2,768	17,791
COLORADO	3,319	-	33	-	33	58	3,410	1,604	216	122	6	344	446	2,394
CONNECTICUT	902	-	-	-	-	-	902	2,643	26	2	2	30	282	2,955
DELAWARE	588	17	-	-	17	-	605	251	25	-	1	26	44	321
DIST. OF COL.	-	-	-	-	-	-	-	172	6	-	-	6	55	233
FLORIDA	4,370	26	-	-	26	-	4,396	3,203	1,040	54	36	1,130	270	4,603
GEORGIA	13,984	12	-	-	12	15	14,011	9,194	61	20	1	82	706	3,982
HAWAII	435	-	-	-	-	-	435	231	20	-	-	20	71	322
IDAHO	3,985	10	4	-	14	58	4,057	604	23	15	2	40	81	725
ILLINOIS	12,900	12	-	-	12	10	12,922	5,006	581	20	1	602	1,037	6,645
INDIANA	9,367	58	-	-	58	315	9,740	4,075	166	38	2	206	433	4,714
IOWA	13,513	-	-	-	-	53	13,566	1,778	95	-	-	95	570	2,443
KANSAS	22,611	34	-	-	34	10	22,655	1,392	145	49	8	202	57	1,651
KENTUCKY	7,157	5	-	10	15	-	7,172	1,739	106	17	1	127	142	2,008
LOUISIANA	6,966	354	-	-	354	29	7,349	1,588	314	17	17	348	231	2,167
MAINE	2,742	-	-	-	-	-	2,742	670	2	2	6	10	26	706
MARYLAND	1,877	-	26	-	26	8	1,911	1,270	421	43	17	481	404	2,155
MASSACHUSETTS	1,966	-	-	-	-	41	2,007	5,809	47	2	21	70	26	5,905
MICHIGAN	16,858	-	-	-	-	201	17,059	3,759	260	22	11	293	1,414	5,466
MINNESOTA	16,580	23	-	-	23	1	16,604	1,659	220	38	34	292	305	2,256
MISSISSIPPI	11,675	6	14	-	20	-	11,695	1,461	27	22	-	49	209	1,719
MISSOURI	18,034	17	25	-	42	17	18,093	1,588	135	60	9	204	691	2,483
MONTANA	4,744	-	-	-	-	-	4,744	282	24	5	1	30	30	342
NEBRASKA	11,456	-	2	-	2	-	11,458	894	82	3	-	85	85	1,064
NEVADA	2,278	37	-	-	37	-	2,315	182	171	-	-	171	204	657
NEW HAMPSHIRE	1,229	3	-	-	3	-	1,232	689	16	4	4	24	13	726
NEW JERSEY	1,624	12	-	-	12	51	1,687	4,818	56	21	9	86	484	5,388
NEW MEXICO	3,474	109	-	-	109	57	3,640	334	125	16	-	141	98	573
NEW YORK	6,290	3	-	-	3	-	6,293	6,954	640	201	32	873	906	8,733
NORTH CAROLINA	10,060	13	-	-	13	262	10,325	2,178	144	3	15	162	655	2,995
NORTH DAKOTA	10,628	-	-	-	-	-	10,628	464	2	8	-	10	27	501
OHIO 6/	11,290	4	225	14	243	260	11,793	6,356	147	123	24	294	1,216	7,866
OKLAHOMA	11,625	140	18	4	162	22	11,809	2,256	81	2	30	113	626	2,995
OREGON	7,787	10	-	-	10	20	7,817	1,877	36	8	2	46	335	2,053
PENNSYLVANIA	7,454	-	-	-	-	526	7,980	6,187	217	2	30	249	617	7,053
RHODE ISLAND	190	5	-	-	5	6	201	841	9	9	6	24	65	930
SOUTH CAROLINA	8,319	88	-	-	88	127	8,534	867	227	-	-	227	74	1,168
SOUTH DAKOTA	11,094	-	-	-	-	-	11,094	367	2	1	-	3	20	390
TENNESSEE	5,424	11	-	-	11	21	5,456	2,451	145	3	50	198	519	3,168
TEXAS	31,849	359	30	41	430	359	32,638	4,834	1,168	117	54	1,339	2,025	8,198
UTAH	2,646	30	-	-	30	30	2,706	559	241	31	7	279	89	927
VERMONT	1,910	3	-	-	3	-	1,913	342	-	-	-	-	7	349
VIRGINIA	10,044	103	-	-	103	53	10,200	2,538	473	22	56	551	361	3,450
WASHINGTON	7,202	49	-	-	49	69	7,320	3,165	126	13	-	139	932	4,236
WEST VIRGINIA	6,350	-	-	-	-	1	6,351	719	48	8	-	56	33	808
WISCONSIN	13,030	10	-	-	10	-	13,040	2,355	290	34	-	324	303	2,982
WYOMING	2,266	-	-	-	-	-	2,266	500	18	12	-	30	28	558
TOTAL	394,895	1,794	414	69	2,277	2,802	399,974	110,065	13,805	1,930	592	16,327	21,288	147,680
PERCENT/SYSTEM	96.7	0.5	0.1	0.0	0.6	0.7	100.0	74.5	9.4	1.3	0.4	11.1	14.4	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/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

## MILEAGE CLASSIFIED BY TRAFFIC LANES AND ACCESS CONTROL

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

TABLE HM-36  
 SEPTEMBER 1991

TRAFFIC LANES AND ACCESS CONTROL 2/	FEDERAL-AID SYSTEM									
	INTERSTATE 3/		PRIMARY 4/		URBAN		SECONDARY		TOTAL	
	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT
<b>RURAL:</b>										
ONE-WAY STREETS	-	-	108	0.0	-	-	413	0.1	521	0.1
2 LANES	1,048	3.1	195,639	86.5	-	-	394,854	98.7	591,541	89.6
3 LANES	3	0.0	2,047	0.9	-	-	313	0.1	2,363	0.4
4 OR MORE LANES - UNDIVIDED	68	0.3	4,871	2.2	-	-	1,834	0.5	6,793	1.0
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	12,173	5.4	-	-	2,071	0.5	14,244	2.2
PARTIAL	25	0.1	5,627	2.5	-	-	417	0.1	6,069	0.9
FULL	32,363	96.5	5,613	2.5	-	-	72	0.0	38,068	5.8
<b>TOTAL RURAL</b>	<b>33,547</b>	<b>100.0</b>	<b>226,078</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>399,974</b>	<b>100.0</b>	<b>659,599</b>	<b>100.0</b>
<b>SMALL URBAN AREA:</b>										
ONE-WAY STREETS	-	-	205	1.7	367	1.2	-	-	572	1.3
2 LANES	7	0.5	5,796	49.4	28,175	88.5	-	-	33,978	75.7
3 LANES	-	-	168	1.4	254	0.8	-	-	422	0.9
4 OR MORE LANES - UNDIVIDED	6	0.4	2,109	17.9	2,036	6.4	-	-	4,151	9.2
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	1,876	15.9	815	2.6	-	-	2,691	6.0
PARTIAL	3	0.2	937	8.0	116	0.4	-	-	1,056	2.4
FULL	1,320	98.9	676	5.7	19	0.1	-	-	2,015	4.5
<b>TOTAL SMALL URBAN AREA</b>	<b>1,336</b>	<b>100.0</b>	<b>11,767</b>	<b>100.0</b>	<b>31,782</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>44,885</b>	<b>100.0</b>
<b>URBANIZED AREA:</b>										
ONE-WAY STREETS	12	0.1	565	2.5	3,379	2.9	-	-	3,956	2.7
2 LANES	15	0.1	6,334	28.3	80,146	69.1	-	-	86,495	58.2
3 LANES	3	0.0	214	1.0	1,037	0.9	-	-	1,254	0.8
4 OR MORE LANES - UNDIVIDED	75	0.7	3,350	14.9	15,878	13.7	-	-	19,303	13.0
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	5,899	26.3	13,155	11.4	-	-	19,054	12.8
PARTIAL	11	0.1	2,220	9.9	1,743	1.5	-	-	3,974	2.7
FULL	10,075	99.0	3,846	17.1	560	0.5	-	-	14,481	9.8
<b>TOTAL URBANIZED AREA</b>	<b>10,191</b>	<b>100.0</b>	<b>22,428</b>	<b>100.0</b>	<b>115,898</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>148,517</b>	<b>100.0</b>
<b>TOTAL URBAN:</b>										
ONE-WAY STREETS	12	0.1	770	2.3	3,746	2.5	-	-	4,528	2.3
2 LANES	22	0.2	12,130	35.5	108,321	73.3	-	-	120,473	62.4
3 LANES	3	0.0	382	1.1	1,291	0.9	-	-	1,676	0.9
4 OR MORE LANES - UNDIVIDED	81	0.7	5,459	16.0	17,914	12.1	-	-	23,454	12.1
DIVIDED HIGHWAYS - 4 OR MORE LANES:										
DEGREE OF ACCESS CONTROL: 5/										
NONE	-	-	7,775	22.7	13,970	9.5	-	-	21,745	11.2
PARTIAL	14	0.1	3,157	9.2	1,859	1.3	-	-	5,030	2.6
FULL	11,395	98.9	4,522	13.2	579	0.4	-	-	16,496	8.5
<b>TOTAL URBAN</b>	<b>11,527</b>	<b>100.0</b>	<b>34,195</b>	<b>100.0</b>	<b>147,680</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>193,402</b>	<b>100.0</b>
<b>TOTAL RURAL AND URBAN</b>	<b>45,074</b>	<b>-</b>	<b>260,273</b>	<b>-</b>	<b>147,680</b>	<b>-</b>	<b>399,974</b>	<b>-</b>	<b>853,001</b>	<b>-</b>

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

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

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

SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.

4/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

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

## FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

### MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

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

TABLE HM-37  
 SHEET 1 OF 3  
 SEPTEMBER 1991

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	-	45	340	257	642	554	1,379	1,100	903	484	1,040	302	125	5,887	6,529
ALASKA	981	28	28	1	1,038	532	208	148	19	12	32	1	3	955	1,993
ARIZONA	89	207	605	138	1,039	405	1,164	582	235	298	429	78	27	3,218	4,257
ARKANSAS	-	18	333	68	419	432	1,369	1,314	554	307	606	128	25	4,735	5,154
CALIFORNIA	-	237	336	843	1,416	1,796	1,252	1,388	913	659	1,834	647	1,023	9,512	10,928
COLORADO	102	427	145	119	793	1,042	1,180	457	379	294	325	123	48	3,848	4,641
CONNECTICUT	-	-	29	80	109	2	25	86	39	35	291	97	114	689	798
DELAWARE	-	-	-	-	-	-	5	10	3	21	88	107	103	337	337
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	31	7	408	564	1,010	247	490	1,011	840	575	1,458	652	539	7,752	6,762
GEORGIA	1	87	232	553	873	703	1,865	1,881	1,265	822	1,534	311	198	8,579	9,452
HAWAII	-	-	-	5	5	-	88	15	4	16	135	65	67	390	395
IDAHO	222	150	154	4	530	872	686	534	295	113	151	19	5	2,675	3,205
ILLINOIS	16	274	953	172	1,415	376	2,197	2,231	1,054	589	1,089	210	76	7,822	9,237
INDIANA	-	51	374	438	863	33	215	780	929	246	1,340	409	282	4,234	5,097
IOWA	18	197	278	152	645	1,775	2,571	1,736	693	649	582	31	-	8,037	8,682
KANSAS	103	368	234	7	712	2,307	2,422	1,481	900	177	342	59	27	7,715	8,427
KENTUCKY	-	67	184	328	579	132	434	657	551	355	975	214	50	3,368	3,947
LOUISIANA	27	1	404	224	656	51	418	643	498	177	635	119	108	2,649	3,305
MAINE	78	55	113	67	313	119	254	336	281	188	484	120	41	1,823	2,136
MARYLAND	-	-	1	168	169	-	89	167	95	87	542	266	395	1,641	1,810
MASSACHUSETTS	-	1	62	107	170	3	78	103	159	58	308	131	171	1,011	1,181
MICHIGAN	40	159	219	354	772	170	986	1,174	1,030	529	1,636	275	466	6,267	7,039
MINNESOTA	49	315	234	90	688	2,243	2,258	1,695	991	501	742	192	58	8,680	9,368
MISSISSIPPI	2	199	306	53	560	797	1,435	1,053	970	318	663	146	52	5,434	5,994
MISSOURI	14	112	383	332	841	1,054	1,172	1,065	708	800	1,157	375	127	6,468	7,309
MONTANA	850	272	22	-	1,144	3,137	1,441	303	179	80	195	13	3	5,351	6,495
NEBRASKA	104	7	295	38	444	2,538	2,609	1,033	357	146	216	27	5	6,931	7,375
NEVADA	208	180	71	40	499	615	654	232	49	99	78	27	33	1,787	2,286
NEW HAMPSHIRE	21	25	78	56	180	-	55	113	150	111	353	125	57	964	1,144
NEW JERSEY	-	-	14	112	126	-	-	39	32	38	340	189	162	800	926
NEW MEXICO	251	199	394	62	906	1,298	1,159	519	338	95	181	83	31	3,664	4,570
NEW YORK	34	201	295	324	854	148	1,029	1,289	1,024	654	1,678	415	181	6,418	7,272
NORTH CAROLINA	-	34	196	479	709	179	405	534	370	316	1,340	418	223	3,785	4,494
NORTH DAKOTA	373	156	1	-	530	4,060	984	235	65	21	18	20	-	5,403	5,933
OHIO 4/	2	-	198	647	847	93	423	895	964	451	1,637	325	205	4,993	5,840
OKLAHOMA	32	83	557	51	723	472	1,523	1,308	383	315	716	123	35	4,875	5,598
OREGON	46	225	178	146	595	1,095	759	564	580	652	795	151	46	4,642	5,237
PENNSYLVANIA	-	10	783	373	1,166	483	1,129	1,432	780	827	1,921	650	532	7,754	8,920
RHODE ISLAND	-	-	-	21	21	5	8	24	22	18	50	19	17	163	184
SOUTH CAROLINA	-	-	253	420	673	436	800	1,417	624	261	924	333	161	4,956	5,629
SOUTH DAKOTA	359	229	43	-	631	3,696	1,240	422	187	77	59	10	-	5,691	6,322
TENNESSEE	13	2	272	493	780	430	840	1,022	729	404	1,388	300	114	5,227	6,007
TEXAS	393	660	803	426	2,282	1,962	3,405	2,486	2,016	990	2,996	571	388	14,814	17,096
UTAH	366	315	62	49	792	1,124	659	288	124	133	149	19	9	2,505	3,297
VERMONT	95	49	130	12	286	66	170	234	206	96	228	40	1	1,041	1,327
VIRGINIA	-	46	244	487	777	191	621	986	435	329	1,408	527	256	4,753	5,530
WASHINGTON	10	140	191	178	519	1,171	964	598	538	294	549	163	96	4,373	4,892
WEST VIRGINIA	20	73	199	135	427	158	500	323	247	165	670	102	75	2,240	2,667
WISCONSIN	-	18	311	187	516	938	1,798	2,083	1,151	641	1,389	190	166	8,356	8,872
WYOMING	499	348	16	-	863	1,128	1,287	223	124	73	30	1	-	2,866	3,729
TOTAL	5,449	6,277	11,961	9,860	33,547	41,068	48,641	40,249	25,982	15,596	37,718	9,898	6,926	226,078	259,625
PERCENT/SYSTEM	16.2	18.7	35.7	29.4	100.0	18.2	21.4	17.8	11.6	6.9	16.7	4.4	3.1	100.0	-

# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

## MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

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

TABLE HM-37  
 SHEET 2 OF 3  
 SEPTEMBER 1991

STATE	INTERSTATE SYSTEM - URBAN 2/						FEDERAL-AID PRIMARY SYSTEM - URBAN 3/								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	22	108	79	28	10	247	165	227	158	125	110	51	39	875	1,122
ALASKA	14	25	12	-	-	51	39	4	4	7	3	-	64	115	
ARIZONA	24	38	14	26	28	130	88	341	120	44	154	57	85	889	1,019
ARKANSAS	14	66	23	19	1	123	50	146	135	86	45	10	8	480	603
CALIFORNIA	12	36	99	169	667	983	56	139	146	157	187	176	705	1,566	2,549
COLORADO	17	35	34	35	28	149	32	59	90	124	36	39	75	457	606
CONNECTICUT	2	21	49	102	58	232	7	66	133	131	96	97	51	581	813
DELAWARE	-	9	10	18	4	41	2	12	20	18	21	18	15	106	147
DIST. OF COL.	-	-	1	5	6	12	1	16	30	26	52	32	21	178	190
FLORIDA	16	99	106	90	105	416	61	245	401	383	587	368	213	2,258	2,674
GEORGIA	6	103	94	77	92	372	159	329	357	217	261	120	100	1,543	1,915
HAWAII	4	-	3	14	17	38	-	7	13	11	36	22	30	121	159
IDAHO	25	40	10	-	-	75	7	22	26	12	14	1	-	82	157
ILLINOIS	56	187	68	87	148	546	137	419	526	264	406	161	142	2,055	2,601
INDIANA	12	112	74	71	16	285	53	206	144	139	161	41	27	771	1,056
IOWA	30	71	28	8	-	137	200	279	119	71	43	4	-	716	853
KANSAS	43	63	24	22	8	160	51	113	53	64	38	4	12	335	495
KENTUCKY	1	71	46	58	8	184	46	124	122	75	61	32	18	478	662
LOUISIANA	16	74	53	27	18	188	72	115	73	66	97	30	30	483	671
MAINE	17	26	10	-	-	53	14	44	57	44	22	6	-	187	240
MARYLAND	2	8	49	62	110	231	19	23	51	83	128	69	191	564	795
MASSACHUSETTS	-	66	131	123	77	397	39	172	509	222	99	56	102	1,199	1,596
MICHIGAN	14	97	149	95	100	455	25	186	191	130	203	97	128	960	1,415
MINNESOTA	16	36	81	56	28	217	105	164	114	56	86	59	39	623	840
MISSISSIPPI	16	91	9	8	-	124	53	111	81	43	45	10	-	343	467
MISSOURI	35	57	72	100	72	336	64	110	115	80	89	51	43	552	888
MONTANA	47	-	-	-	-	20	20	32	20	16	12	2	1	103	150
NEBRASKA	5	14	6	9	3	37	46	78	42	27	44	21	5	263	300
NEVADA	7	12	8	12	7	46	-	8	26	1	10	9	15	69	115
NEW HAMPSHIRE	-	20	16	8	-	44	1	36	59	32	25	7	9	169	213
NEW JERSEY	4	27	62	98	79	270	64	28	69	58	174	46	240	679	949
NEW MEXICO	40	26	11	9	8	94	34	59	49	34	32	13	3	224	318
NEW YORK	31	222	146	140	107	646	108	342	335	419	274	158	392	2,028	2,674
NORTH CAROLINA	7	89	93	34	5	228	35	98	138	114	156	72	46	659	887
NORTH DAKOTA	29	9	2	-	-	40	48	39	28	11	11	-	-	137	177
OHIO 4/	11	196	252	184	82	725	125	330	437	296	276	87	45	1,596	2,321
OKLAHOMA	27	72	45	59	4	207	65	141	110	46	26	13	31	432	639
OREGON	22	25	31	41	13	132	36	81	90	60	78	26	33	404	536
PENNSYLVANIA	20	153	128	76	26	403	173	453	402	332	394	229	176	2,159	2,662
RHODE ISLAND	-	15	12	5	17	49	44	48	47	56	57	19	-	271	320
SOUTH CAROLINA	6	34	38	35	5	118	59	146	130	116	179	69	27	726	844
SOUTH DAKOTA	29	18	-	-	-	47	21	40	21	14	10	2	-	108	155
TENNESSEE	7	72	86	98	19	282	56	213	223	130	230	40	46	938	1,220
TEXAS	94	191	220	251	191	947	199	399	362	241	264	152	343	1,960	2,907
UTAH	20	26	53	35	12	146	19	27	30	5	22	5	2	110	256
VERMONT	8	24	2	-	-	34	9	32	19	14	8	1	-	89	117
VIRGINIA	5	71	55	100	68	299	27	159	103	82	122	117	50	660	959
WASHINGTON	9	40	53	54	84	240	57	84	119	40	125	101	124	650	890
WEST VIRGINIA	1	68	14	7	-	90	14	43	57	59	29	5	-	207	297
WISCONSIN	9	41	26	21	27	124	117	298	233	114	101	64	43	970	1,094
WYOMING	48	2	-	-	-	50	29	53	26	12	4	-	-	124	174
TOTAL	900	3,006	2,687	2,576	2,358	11,527	2,951	6,946	6,963	5,007	5,751	2,872	3,705	34,195	45,722
PERCENT/SYSTEM	7.8	26.1	23.3	22.3	20.5	100.0	8.6	20.3	20.5	14.6	16.8	8.4	10.8	100.0	-

Roadway Extent, Characteristics, and Performance

FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

## MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

MILEAGE AS OF DECEMBER 31, 1990  
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-37  
SHEET 3 OF 3  
SEPTEMBER 1991

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	256	3,277	3,896	3,920	201	31	11,581	235	908	544	608	344	153	2,792
ALASKA	451	691	319	317	38	-	1,816	33	63	12	52	54	24	238
ARIZONA	13	493	707	1,586	392	65	3,256	203	337	173	234	415	471	1,833
ARKANSAS	479	2,875	1,793	2,120	91	16	7,374	200	305	179	310	140	26	1,160
CALIFORNIA	74	2,270	1,888	5,262	1,148	534	11,176	879	2,755	1,830	3,257	4,179	4,891	17,791
COLORADO	-	720	1,703	896	86	5	3,410	378	632	330	496	348	210	2,394
CONNECTICUT	-	-	8	642	191	61	902	359	710	509	783	516	78	2,955
DELAWARE	-	21	109	400	61	14	605	12	48	42	84	99	36	321
DIST. OF COL.	-	-	-	-	-	-	-	-	14	58	89	64	8	233
FLORIDA	-	827	1,121	2,072	302	74	4,396	210	868	723	1,117	876	809	4,603
GEORGIA	455	4,081	2,595	6,433	353	94	14,011	169	889	617	1,209	848	256	3,982
HAWAII	-	59	79	226	41	30	435	2	32	43	100	101	44	322
IDAHO	338	2,160	649	858	47	5	4,057	96	236	102	170	100	21	725
ILLINOIS	286	5,869	2,247	4,426	80	14	12,922	543	1,309	872	1,483	1,718	720	6,545
INDIANA	98	1,681	2,307	4,653	494	507	9,740	740	1,413	802	857	741	161	4,714
IOWA	996	6,934	3,932	1,698	6	-	13,566	675	872	355	384	139	18	2,443
KANSAS	8,971	9,663	2,647	1,329	38	7	22,655	258	488	204	339	311	51	1,651
KENTUCKY	-	1,047	1,122	4,625	345	33	7,172	120	460	325	596	382	125	2,008
LOUISIANA	-	711	1,757	4,294	465	122	7,349	199	285	368	683	445	187	2,167
MAINE	-	153	815	1,654	109	11	2,742	60	219	143	172	98	14	706
MARYLAND	-	62	257	1,229	267	96	1,911	131	323	274	526	462	439	2,155
MASSACHUSETTS	55	301	337	1,167	126	21	2,007	104	1,956	1,569	1,853	437	86	5,905
MICHIGAN	521	3,438	3,224	8,870	843	163	17,059	247	858	982	1,427	1,322	630	5,466
MINNESOTA	1,410	7,161	4,796	3,153	76	8	16,604	316	519	309	445	465	202	2,256
MISSISSIPPI	717	6,086	2,582	2,092	179	39	11,695	193	579	318	408	207	14	1,719
MISSOURI	609	9,799	3,264	4,135	204	82	18,093	162	468	316	553	457	527	2,483
MONTANA	1,055	2,776	298	599	5	-	4,744	25	96	88	82	45	6	342
NEBRASKA	3,655	5,807	1,484	503	5	4	11,458	105	346	163	259	159	32	1,064
NEVADA	164	1,461	120	522	37	11	2,315	14	48	48	136	148	163	557
NEW HAMPSHIRE	-	32	140	894	143	23	1,232	108	204	125	170	90	29	726
NEW JERSEY	-	12	226	1,033	351	65	1,687	188	1,049	831	1,649	1,450	221	5,388
NEW MEXICO	460	1,588	769	735	64	24	3,640	50	111	71	138	114	89	573
NEW YORK	-	199	1,347	4,194	505	48	6,293	503	1,522	1,218	2,337	2,047	1,106	8,733
NORTH CAROLINA	-	506	820	7,444	1,274	281	10,325	148	444	507	831	838	227	2,995
NORTH DAKOTA	3,745	6,261	541	81	-	-	10,628	141	163	83	88	23	3	501
OHIO 4/	-	1,590	2,374	7,050	689	90	11,793	409	1,984	1,766	2,131	1,314	262	7,866
OKLAHOMA	1,292	4,022	2,187	4,134	134	40	11,809	573	877	351	596	403	195	2,995
OREGON	849	2,881	1,979	1,982	91	35	7,817	200	558	341	461	381	115	2,056
PENNSYLVANIA	420	1,024	1,459	4,432	532	113	7,980	527	1,610	1,216	1,927	1,413	360	7,053
RHODE ISLAND	-	21	36	130	14	-	201	197	209	108	151	192	73	930
SOUTH CAROLINA	46	1,537	2,896	3,533	444	78	8,534	24	229	189	347	299	80	1,168
SOUTH DAKOTA	4,221	5,940	660	228	17	28	11,094	107	139	55	68	17	4	390
TENNESSEE	-	1,823	807	2,545	225	56	5,456	408	758	524	649	564	265	3,168
TEXAS	684	11,656	9,357	9,972	738	231	32,638	845	1,467	1,196	1,922	2,014	754	8,198
UTAH	356	1,292	567	431	56	4	2,706	34	138	108	214	263	170	927
VERMONT	34	212	546	1,052	63	6	1,913	47	105	61	84	50	2	349
VIRGINIA	-	3,222	2,114	4,248	503	113	10,200	174	609	595	886	731	455	3,450
WASHINGTON	1,042	2,611	881	1,901	688	197	7,320	454	997	590	1,034	760	401	4,236
WEST VIRGINIA	27	1,066	1,439	3,492	286	41	6,351	115	202	138	179	134	40	808
WISCONSIN	-	4,403	5,440	3,068	112	17	13,040	278	897	479	726	493	109	2,982
WYOMING	40	1,565	350	304	7	-	2,266	143	231	80	83	20	1	558
TOTAL	33,819	133,886	82,991	132,564	13,177	3,537	399,974	12,335	32,539	22,930	35,383	29,130	15,363	147,680
PERCENT/SYSTEM	8.5	33.5	20.7	33.1	3.3	0.9	100.0	8.4	22.0	15.5	24.0	19.7	10.4	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/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).



# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

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

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

TABLE HM-39  
 SHEET 1 OF 3  
 SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE SYSTEM - RURAL 2/					FEDERAL-AID PRIMARY HIGHWAY SYSTEM - RURAL 3/								RURAL FEDERAL- AID PRIMARY SYSTEM INCLUDING INTERSTATE	
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME									TOTAL
	LESS THAN 6,000	6,000- 9,999	10,000- 19,999	20,000 AND OVER		LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 3,999	4,000- 4,999	5,000- 9,999	10,000- 14,999	15,000 AND OVER		
UNDIVIDED:															
LESS THAN 9 FEET	-	-	-	-	-	121	137	83	2	-	1	4	-	348	348
9 FEET	64	-	-	-	64	722	1,432	722	324	97	149	38	27	3,511	3,575
10 FEET	42	-	-	-	42	4,745	5,266	3,689	2,319	1,011	1,865	272	74	19,241	19,283
11 FEET	83	-	-	-	83	6,611	8,116	7,654	4,098	2,485	5,288	928	245	35,425	35,508
12 FEET	851	27	54	33	965	27,304	30,828	25,488	16,197	9,955	19,989	3,076	1,345	134,182	135,147
GREATER THAN 12 FEET	-	-	-	-	-	1,522	2,504	1,640	1,177	726	1,451	385	145	9,550	9,550
<b>TOTAL UNDIVIDED</b>	<b>1,040</b>	<b>27</b>	<b>54</b>	<b>33</b>	<b>1,154</b>	<b>41,025</b>	<b>48,283</b>	<b>39,276</b>	<b>24,117</b>	<b>14,274</b>	<b>28,743</b>	<b>4,703</b>	<b>1,836</b>	<b>202,257</b>	<b>203,411</b>
DIVIDED:															
NO ACCESS CONTROL:															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	5	-	-	-	5	5
10 FEET	-	-	-	-	-	-	1	-	6	8	131	108	64	318	318
11 FEET	-	-	-	-	-	-	4	34	67	14	191	126	194	630	630
12 FEET	-	-	-	-	-	2	172	360	854	727	4,492	2,291	2,345	11,243	11,243
GREATER THAN 12 FEET	-	-	-	-	-	-	8	10	21	37	82	67	46	271	271
SUBTOTAL	-	-	-	-	-	2	185	404	948	786	4,901	2,592	2,649	12,467	12,467
PARTIAL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	5	-	2	18	-	25	25
11 FEET	-	-	-	-	-	-	2	5	-	1	21	16	63	108	108
12 FEET	-	-	-	-	-	-	169	337	303	315	2,084	1,380	1,014	5,582	5,606
GREATER THAN 12 FEET	-	6	12	6	24	-	2	1	27	2	20	34	5	91	91
SUBTOTAL	-	6	12	6	24	-	173	343	335	318	2,107	1,448	1,082	5,806	5,830
FULL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	3	28	-	2	33	-	-	-	-	-	-	5	-	5	38
9 FEET	-	-	-	1	1	-	-	-	-	-	-	-	-	1	1
10 FEET	-	11	7	-	18	-	-	-	-	-	-	-	40	40	58
11 FEET	-	-	4	1	5	-	-	-	-	-	-	-	-	5	5
12 FEET	4,406	6,073	11,678	9,705	31,862	41	-	226	582	218	1,967	1,142	1,319	5,495	37,357
GREATER THAN 12 FEET	-	132	206	112	450	-	-	-	-	-	-	8	-	8	458
SUBTOTAL	4,409	6,244	11,895	9,821	32,369	41	-	226	582	218	1,967	1,155	1,359	5,548	37,917
<b>TOTAL DIVIDED</b>	<b>4,409</b>	<b>6,250</b>	<b>11,907</b>	<b>9,827</b>	<b>32,393</b>	<b>43</b>	<b>358</b>	<b>973</b>	<b>1,865</b>	<b>1,322</b>	<b>8,975</b>	<b>5,195</b>	<b>5,090</b>	<b>23,821</b>	<b>56,214</b>
<b>TOTAL</b>	<b>5,449</b>	<b>6,277</b>	<b>11,961</b>	<b>9,860</b>	<b>33,547</b>	<b>41,068</b>	<b>48,641</b>	<b>40,249</b>	<b>25,982</b>	<b>15,596</b>	<b>37,718</b>	<b>9,898</b>	<b>6,926</b>	<b>226,078</b>	<b>259,625</b>

# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

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

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

TABLE HM-39  
 SHEET 2 OF 3  
 SEPTEMBER 1991

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	-	-	-	-	-	-	3	7	1	1	-	-	-	12	12	
9 FEET	-	-	-	-	-	-	22	27	30	25	12	5	-	121	121	
10 FEET	-	1	-	-	-	1	232	442	372	247	326	172	26	1,817	1,818	
11 FEET	-	-	-	1	1	2	403	830	564	341	396	90	46	2,670	2,672	
12 FEET	19	13	15	12	41	100	1,736	3,426	3,020	1,691	1,176	413	126	11,588	11,688	
GREATER THAN 12 FEET	-	-	-	-	-	-	216	577	767	512	244	34	9	2,359	2,359	
<b>TOTAL UNDIVIDED</b>	<b>19</b>	<b>14</b>	<b>15</b>	<b>13</b>	<b>42</b>	<b>103</b>	<b>2,612</b>	<b>5,309</b>	<b>4,754</b>	<b>2,817</b>	<b>2,154</b>	<b>714</b>	<b>207</b>	<b>18,567</b>	<b>18,670</b>	
DIVIDED:																
NO ACCESS CONTROL:																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	4	-	4	4	
10 FEET	-	-	-	-	-	-	-	37	27	52	70	78	74	338	338	
11 FEET	-	-	-	-	-	-	5	68	71	74	186	146	147	697	697	
12 FEET	-	-	-	-	-	-	138	723	1,074	1,028	1,915	836	753	6,467	6,467	
GREATER THAN 12 FEET	-	-	-	-	-	-	15	67	74	72	145	37	30	440	440	
SUBTOTAL	-	-	-	-	-	-	158	895	1,246	1,226	2,316	1,101	1,004	7,946	7,946	
PARTIAL ACCESS CONTROL: 4/																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	
10 FEET	-	-	-	-	-	-	-	-	-	8	1	34	44	44		
11 FEET	-	-	-	-	-	-	12	12	20	73	25	5	47	194	194	
12 FEET	1	9	1	-	-	11	91	457	542	515	592	319	376	2,892	2,903	
GREATER THAN 12 FEET	-	1	-	-	-	1	1	10	17	10	8	10	4	60	61	
SUBTOTAL	1	10	1	-	-	12	104	479	579	606	627	335	461	3,191	3,203	
FULL ACCESS CONTROL: 4/																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	4	-	-	-	-	4	8	8	
10 FEET	-	1	1	30	-	32	-	-	6	-	4	-	2	12	20	
11 FEET	-	3	5	22	42	72	-	4	9	13	11	42	52	131	443	
12 FEET	858	2,923	2,638	2,485	2,271	11,175	76	254	367	343	625	673	1,974	4,312	15,487	
GREATER THAN 12 FEET	22	55	27	26	3	133	1	1	2	2	14	7	1	28	161	
SUBTOTAL	880	2,982	2,671	2,563	2,316	11,412	77	263	384	358	654	722	2,033	4,491	15,903	
<b>TOTAL DIVIDED</b>	<b>881</b>	<b>2,992</b>	<b>2,672</b>	<b>2,563</b>	<b>2,316</b>	<b>11,424</b>	<b>339</b>	<b>1,637</b>	<b>2,209</b>	<b>2,190</b>	<b>3,597</b>	<b>2,158</b>	<b>3,498</b>	<b>15,628</b>	<b>27,052</b>	
<b>TOTAL</b>	<b>900</b>	<b>3,006</b>	<b>2,687</b>	<b>2,576</b>	<b>2,358</b>	<b>11,527</b>	<b>2,951</b>	<b>6,946</b>	<b>6,963</b>	<b>5,007</b>	<b>5,751</b>	<b>2,872</b>	<b>3,705</b>	<b>34,195</b>	<b>45,722</b>	

# FEDERAL-AID HIGHWAY SYSTEMS - 1990<sup>1</sup>

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

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

TABLE HM-39  
 SHEET 3 OF 3  
 SEPTEMBER 1991

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

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

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

3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

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

**INTERSTATE SYSTEM MILEAGE - 1990**  
**FREE, TOLL AND OTHER DESIGNATED CATEGORIES**  
**(UNADJUSTED DATA)**

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

TABLE HM-45  
 SEPTEMBER 1991

STATE	INTERSTATE SYSTEM												FEDERAL-AID PRIMARY SYSTEM DESIGNATED FUTURE INTERSTATE		
	COMPLETED AND OPEN TO TRAFFIC						INCOMPLETE OR NOT OPEN TO TRAFFIC						TITLE 23 U.S.C., 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	889	-	889	-	-	-	-	-	16	-	-	-	-	-	2
ALASKA	1,089	-	1,089	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	1,168	-	1,168	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS	526	-	526	16	-	16	-	-	-	-	-	-	-	99	99
CALIFORNIA	2,279	10	2,289	105	5	110	22	-	22	3	-	3	46	-	46
COLORADO	942	-	942	-	-	-	11	-	11	-	-	-	22	-	22
CONNECTICUT	199	88	287	55	-	55	-	-	-	-	-	-	-	-	-
DELAWARE	26	14	40	-	-	-	4	-	4	-	-	-	-	-	-
DIST. OF COL.	12	-	12	-	-	-	1	-	1	-	-	-	-	-	-
FLORIDA	1,379	36	1,415	7	-	7	49	-	49	-	-	-	-	-	-
GEORGIA	1,208	-	1,208	36	-	36	-	-	-	-	-	-	-	-	-
HAWAII	44	-	44	-	-	-	12	-	12	-	-	-	-	-	-
IDAHO	605	-	605	-	-	-	7	-	7	-	-	-	-	-	-
ILLINOIS	1,560	155	1,715	119	125	244	-	-	-	-	-	-	91	-	91
INDIANA	978	157	1,135	5	-	5	-	-	-	-	-	-	12	-	12
IOWA	782	-	782	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	635	187	822	-	50	50	-	-	-	-	-	-	-	-	-
KENTUCKY	741	-	741	21	-	21	3	-	3	-	-	-	-	-	-
LOUISIANA	821	-	821	20	-	20	52	-	52	-	-	-	-	-	-
MAINE	260	55	315	-	50	50	-	-	-	-	-	-	-	-	-
MARYLAND	335	56	391	9	-	9	-	-	-	-	-	-	81	-	81
MASSACHUSETTS	930	134	1,064	100	3	103	-	3	3	-	-	-	-	-	-
MICHIGAN	1,154	6	1,160	67	-	67	32	-	32	-	-	-	-	-	-
MINNESOTA	905	-	905	-	-	-	8	-	8	-	-	-	-	-	-
MISSISSIPPI	685	-	685	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	1,159	-	1,159	19	-	19	-	-	-	-	-	-	24	-	24
MONTANA	1,191	-	1,191	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA	481	-	481	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	544	-	544	1	-	1	-	-	-	-	-	-	47	-	47
NEW HAMPSHIRE	198	21	219	6	-	6	-	-	-	-	-	-	-	-	-
NEW JERSEY	304	92	396	-	-	-	25	-	25	-	-	-	-	-	-
NEW MEXICO	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	905	488	1,393	72	33	105	1	-	1	-	-	-	-	-	-
NORTH CAROLINA	831	-	831	106	-	106	17	-	17	-	-	-	-	-	-
NORTH DAKOTA	571	-	571	-	-	-	-	-	-	-	-	-	-	-	-
OHIO 2/	1,324	206	1,530	-	35	35	8	-	8	-	-	-	-	-	-
OKLAHOMA	634	174	808	35	85	120	-	-	-	-	-	-	-	-	-
OREGON	721	-	721	7	-	7	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	1,180	362	1,542	29	-	29	17	-	17	-	-	-	-	-	-
RHODE ISLAND	70	-	70	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	754	-	754	36	-	36	18	-	18	-	-	-	111	-	111
SOUTH DAKOTA	678	-	678	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	1,038	-	1,038	24	-	24	-	-	-	-	-	-	-	-	-
TEXAS	3,158	-	3,158	70	-	70	6	-	6	-	-	-	-	-	-
UTAH	937	-	937	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT	320	-	320	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	1,048	3	1,051	2	23	25	24	-	24	-	-	-	23	-	23
WASHINGTON	762	-	762	-	-	-	2	-	2	-	-	-	-	-	-
WEST VIRGINIA	431	87	518	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	579	-	579	61	-	61	-	-	-	-	-	-	-	-	-
WYOMING	914	-	914	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	41,284	2,331	43,615	1,028	409	1,437	335	3	338	3	-	3	558	-	558

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

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

NATIONAL NETWORK FOR TRUCKS - 1990<sup>1</sup>

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

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

STATE	OPEN-TO-TRAFFIC MILEAGE				NON-INTERSTATE FAP DESIGNATED TRUCK ROUTE MILEAGE	TRUCK ROUTE MILEAGE INCLUDING NON-INTERSTATE FAP AND INTERSTATE	ANALYSIS		
	INTERSTATE	NON-INTERSTATE FEDERAL-AID PRIMARY	TOTAL FEDERAL-AID PRIMARY INCLUDING INTERSTATE	TOTAL PUBLIC ROAD MILEAGE			DESIGNATED FAP MILEAGE AS PERCENT OF NON-INTERSTATE PRIMARY	AS PERCENT OF TOTAL PRIMARY INCLUDING INTERSTATE	AS PERCENT OF TOTAL PUBLIC ROAD MILEAGE
ALABAMA 2/	889	6.762	7.651	90,672	1,292	2,181	19.11	28.51	2.41
ALASKA 2/	1,089	1.019	2,108	13,485	-	483	0.00	22.91	3.58
ARIZONA 2/	1,169	4.107	5,276	51,612	3,273	4,442	79.69	84.19	8.61
ARKANSAS 3/	542	5.215	5,757	77,085	5,215	5,757	100.00	100.00	7.47
CALIFORNIA 2/	2,999	11,078	13,477	163,574	6,741	9,140	60.85	67.82	5.59
COLORADO 3/	942	4,305	5,247	77,680	4,305	5,247	100.00	100.00	6.75
CONNECTICUT 2/	341	1,270	1,611	19,991	129	470	10.16	29.17	2.35
DELAWARE 2/	41	443	484	5,444	184	225	41.53	46.49	4.13
DIST. OF COL. 2/	12	178	190	1,102	4	16	2.25	8.42	1.45
FLORIDA 2/	1,426	8,010	9,436	108,085	502	1,928	6.27	20.43	1.78
GEORGIA 2/	1,245	10,122	11,367	109,601	599	1,844	5.92	16.22	1.68
HAWAII 2/	43	511	554	4,099	501	544	98.04	98.19	13.27
IDAHO 2/	605	2,757	3,362	62,435	1,939	2,544	70.33	75.67	4.07
ILLINOIS 4/	1,961	9,877	11,838	135,944	142	2,103	1.44	17.76	1.55
INDIANA 3/	1,148	5,005	6,153	91,908	5,005	6,153	100.00	100.00	6.69
IOWA 2/	782	8,753	9,535	112,541	7,205	7,987	82.31	83.77	7.10
KANSAS 5/	872	8,050	8,922	133,578	8,048	8,920	99.98	99.98	6.68
KENTUCKY 2/	763	3,846	4,609	69,668	1,969	2,732	51.20	59.28	3.92
LOUISIANA 5/	844	3,132	3,976	58,620	3,127	3,971	99.84	99.87	6.77
MAINE 2/	366	2,010	2,376	22,389	12	378	0.60	15.91	1.69
MARYLAND 2/	400	2,205	2,605	28,752	385	785	17.46	30.13	2.73
MASSACHUSETTS 2/	567	2,210	2,777	34,076	88	655	3.98	23.69	1.92
MICHIGAN 2/	1,227	7,227	8,454	117,449	5,292	6,519	73.23	77.11	5.55
MINNESOTA 2/	905	9,303	10,208	129,397	3,940	4,845	42.36	47.46	3.74
MISSISSIPPI 3/	684	5,777	6,461	72,520	5,777	6,461	100.00	100.00	8.91
MISSOURI 2/	1,177	7,020	8,197	120,527	2,822	3,999	40.20	48.79	3.32
MONTANA 5/	1,191	5,454	6,645	71,387	5,419	6,610	99.36	99.47	9.26
NEBRASKA 5/	481	7,194	7,675	92,403	7,187	7,668	99.90	99.91	8.30
NEVADA 5/	545	1,856	2,401	45,524	1,824	2,369	98.28	98.67	5.20
NEW HAMPSHIRE 2/	224	1,133	1,357	14,836	14	238	1.24	17.54	1.60
NEW JERSEY 2/	396	1,479	1,875	34,252	29	425	1.96	22.67	1.24
NEW MEXICO 2/	1,000	3,888	4,888	54,736	2,646	3,646	68.06	74.59	6.66
NEW YORK 2/	1,500	8,446	9,946	111,242	2,471	3,971	29.26	39.93	3.57
NORTH CAROLINA 2/	937	4,444	5,381	94,690	2,334	3,271	52.52	60.79	3.45
NORTH DAKOTA 2/	570	5,540	6,110	86,517	1,669	2,239	30.13	36.64	2.59
OHIO 5/ 6/	1,572	6,589	8,161	113,600	6,558	8,130	99.53	99.62	7.16
OKLAHOMA 3/	930	5,307	6,237	111,765	5,307	6,237	100.00	100.00	5.58
OREGON 2/	727	5,046	5,773	94,969	4,236	4,963	83.95	85.97	5.23
PENNSYLVANIA 2/	1,569	9,913	11,482	118,508	1,707	3,276	17.22	28.53	2.81
RHODE ISLAND 2/	70	434	504	6,111	25	95	5.76	18.85	1.55
SOUTH CAROLINA 2/	791	5,682	6,473	64,046	1,115	1,906	19.62	29.45	2.98
SOUTH DAKOTA 3/	678	5,799	6,477	74,696	5,799	6,477	100.00	100.00	8.67
TENNESSEE 2/	1,062	6,165	7,227	84,639	1,543	2,605	25.03	36.05	3.08
TEXAS 5/	3,229	16,774	20,003	305,951	16,772	20,001	99.99	99.99	6.54
UTAH 5/	938	2,615	3,553	43,244	2,614	3,552	99.96	99.97	8.21
VERMONT 2/	320	1,124	1,444	14,121	30	350	2.67	24.24	2.48
VIRGINIA 2/	1,076	5,413	6,489	67,700	2,045	3,121	37.78	48.10	4.61
WASHINGTON 3/	759	5,023	5,782	81,299	5,023	5,782	100.00	100.00	7.11
WEST VIRGINIA 2/	517	2,447	2,964	34,592	499	1,016	20.39	34.28	2.94
WISCONSIN 2/	640	9,326	9,966	109,876	5,512	6,152	59.10	61.73	5.60
WYOMING 5/	913	2,990	3,903	39,213	2,989	3,902	99.97	99.97	9.95
U.S. TOTAL	45,074	260,273	305,347	3,880,151	153,863	198,331	59.12	64.95	5.11
PUERTO RICO 2/	198	523	721	13,396	79	277	15.11	38.42	2.07
GRAND TOTAL	45,272	260,796	306,068	3,893,547	153,942	198,608	59.03	64.89	5.10

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

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

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

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

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

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

# HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1990<sup>1</sup>

## COUNT BY FEDERAL-AID SYSTEM

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

TABLE HM-41  
SEPTEMBER 1991

STATE	RURAL						URBAN						UN-CLASSIFIED <sup>2/</sup>	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	600	2,363	3,081	6,044	7,223	13,267	542	347	600	1,489	673	2,162	-	15,429
ALASKA	134	119	258	511	192	703	25	19	43	87	34	121	-	824
ARIZONA	1,504	1,418	779	3,701	916	4,617	165	193	592	890	337	1,227	1	5,845
ARKANSAS	391	2,075	2,247	4,713	6,865	11,378	232	392	729	1,293	175	1,468	-	12,846
CALIFORNIA	1,336	2,500	2,279	6,115	6,048	12,163	2,214	2,279	4,374	8,867	1,376	10,243	1	22,407
COLORADO	702	990	649	2,341	3,523	5,864	317	345	626	1,288	348	1,636	1	7,501
CONNECTICUT	177	306	234	717	877	1,594	598	576	788	1,962	326	2,288	3	3,885
DELAWARE	-	81	85	166	227	393	91	58	164	313	34	347	-	740
DIST. OF COL.	-	-	-	-	-	-	70	98	42	210	27	237	-	237
FLORIDA	737	1,628	772	3,137	2,751	5,888	937	1,023	1,158	3,118	1,535	4,653	5	10,546
GEORGIA	602	2,461	2,866	5,929	5,462	11,391	544	671	991	2,206	613	2,819	-	14,210
HAWAII	8	190	147	345	307	652	82	172	72	326	69	395	4	1,051
IDAHO	350	422	643	1,415	1,890	3,305	88	21	164	273	142	415	-	3,720
ILLINOIS	1,000	2,553	3,391	6,944	13,679	20,623	1,020	870	1,623	3,513	719	4,232	-	24,855
INDIANA	1,039	1,273	2,602	4,914	9,544	14,458	855	525	1,134	2,514	671	3,185	-	17,643
IOWA	430	2,354	3,250	6,034	18,093	24,127	285	361	547	1,193	298	1,491	-	25,618
KANSAS	610	2,750	6,268	9,628	14,320	23,948	385	280	466	1,131	515	1,646	-	25,594
KENTUCKY	425	1,329	2,335	4,088	7,609	11,697	333	203	353	889	103	992	-	12,689
LOUISIANA	921	1,278	2,705	4,904	7,180	12,084	452	161	560	1,173	506	1,679	74	13,837
MAINE	198	336	410	944	1,264	2,208	71	74	168	313	52	365	-	2,573
MARYLAND	203	531	452	1,186	1,264	2,450	476	356	604	1,436	351	1,787	30	4,267
MASSACHUSETTS	299	328	366	963	905	1,868	835	697	1,325	2,857	310	3,167	-	5,035
MICHIGAN	408	1,077	1,847	3,332	4,066	7,398	723	611	1,225	2,559	641	3,200	-	10,598
MINNESOTA	289	1,473	2,065	3,827	7,273	11,100	399	302	683	1,364	560	1,924	-	13,024
MISSISSIPPI	590	2,266	4,219	7,075	9,083	16,158	206	207	209	622	459	1,081	1	17,240
MISSOURI	581	2,115	4,272	6,948	13,488	20,436	629	404	851	1,883	945	2,828	-	23,264
MONTANA	741	1,135	536	2,412	2,138	4,550	73	27	69	169	8	177	-	4,727
NEBRASKA	231	2,015	2,339	4,585	10,496	15,081	108	159	250	517	601	1,118	-	15,682
NEVADA	306	126	103	535	220	755	123	35	130	288	59	347	-	1,102
NEW HAMPSHIRE	263	329	290	882	1,243	2,125	103	94	164	361	82	443	-	2,568
NEW JERSEY	208	405	433	1,048	1,175	2,221	733	989	1,500	3,222	652	3,874	-	6,095
NEW MEXICO	641	884	475	2,000	852	2,852	200	103	49	352	214	566	-	3,418
NEW YORK	662	1,965	1,566	4,193	7,201	11,394	1,209	1,405	2,068	4,682	1,242	5,924	13	17,331
NORTH CAROLINA	462	1,193	2,241	3,896	9,389	13,285	355	508	945	1,808	1,088	2,896	-	16,181
NORTH DAKOTA	243	627	745	1,615	3,316	4,931	68	35	57	160	26	186	-	5,117
OHIO	980	2,215	4,281	7,476	15,741	23,217	1,268	1,241	2,355	4,864	1,137	6,001	-	29,218
OKLAHOMA	789	2,352	3,800	6,941	13,511	20,452	488	473	717	1,678	724	2,402	-	22,854
OREGON	508	904	1,769	3,181	2,599	5,780	237	221	280	738	281	1,019	6	6,805
PENNSYLVANIA	1,223	3,011	2,463	6,697	10,558	17,255	950	1,583	1,838	4,371	1,446	5,817	-	23,072
RHODE ISLAND	17	30	21	68	74	142	115	165	220	490	64	554	1	697
SOUTH CAROLINA	436	1,293	1,861	3,590	4,305	7,895	167	292	240	699	307	1,006	-	8,901
SOUTH DAKOTA	390	938	1,199	2,527	3,859	6,386	65	47	86	198	54	252	-	6,638
TENNESSEE	811	2,431	2,122	5,364	10,123	15,487	567	649	1,003	2,219	994	3,213	-	18,700
TEXAS	3,280	6,850	7,827	17,957	16,044	34,001	2,624	2,394	3,194	8,212	1,805	10,017	6	44,024
UTAH	441	359	290	1,090	769	1,859	329	32	173	534	238	772	6	2,637
VERMONT	275	364	517	1,156	1,342	2,498	38	17	87	142	20	162	-	2,660
VIRGINIA	842	1,626	2,363	4,831	5,022	9,853	691	402	956	2,049	467	2,516	160	12,529
WASHINGTON	342	1,018	1,203	2,563	2,682	5,245	541	532	427	1,500	221	1,721	22	6,988
WEST VIRGINIA	409	630	1,659	2,698	3,065	5,763	229	150	225	604	73	677	1	6,441
WISCONSIN	584	1,934	1,934	4,466	6,163	10,629	425	783	768	1,976	431	2,407	-	13,036
WYOMING	858	471	328	1,657	868	2,525	93	-	129	222	29	251	-	2,776
<b>TOTAL</b>	<b>29,426</b>	<b>69,334</b>	<b>90,587</b>	<b>189,347</b>	<b>276,604</b>	<b>465,951</b>	<b>24,372</b>	<b>23,451</b>	<b>38,001</b>	<b>85,824</b>	<b>23,565</b>	<b>109,389</b>	<b>335</b>	<b>575,675</b>
<b>PERCENT - TOTAL</b>	<b>5.1</b>	<b>12.1</b>	<b>15.7</b>	<b>32.9</b>	<b>48.0</b>	<b>80.9</b>	<b>4.2</b>	<b>4.1</b>	<b>6.6</b>	<b>14.9</b>	<b>4.1</b>	<b>19.0</b>	<b>0.1</b>	<b>100.0</b>

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

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

## JURISDICTION - RURAL - 1990

### MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-50  
 SHEET 1 OF 4  
 SEPTEMBER 1991

STATE	INTERSTATE		OTHER PRINCIPAL ARTERIAL					MINOR ARTERIAL					
	UNDER STATE CONTROL	UNDER STATE CONTROL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL
			COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/		
ALABAMA	642	1,994	-	-	-	-	1,994	3,822	25	-	3	44	3,894
ALASKA	1,038	53	-	-	-	-	53	902	-	-	-	-	902
ARIZONA	1,039	1,037	-	-	-	-	1,037	2,151	-	-	-	30	2,181
ARKANSAS	419	1,931	-	-	-	-	1,931	3,167	-	-	-	-	3,167
CALIFORNIA	1,416	2,839	-	-	-	93	2,932	6,449	60	-	-	87	6,596
COLORADO	793	1,901	-	-	-	-	1,901	1,945	-	-	-	2	1,947
CONNECTICUT	109	226	-	-	-	-	226	464	-	8	-	-	472
DELAWARE	-	153	-	-	-	1	154	182	-	-	1	-	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	1,010	2,666	12	-	-	-	2,678	3,371	37	-	1	-	3,409
GEORGIA	873	2,683	7	-	-	15	2,705	5,743	47	-	6	78	5,874
HAWAII	5	13	-	-	-	-	13	382	5	-	-	-	387
IDAHO	530	1,648	-	-	-	-	1,648	1,027	-	-	-	-	1,027
ILLINOIS	1,415	2,729	9	3	-	-	2,741	5,058	13	7	3	-	5,081
INDIANA	863	1,102	-	-	-	-	1,102	3,126	8	-	-	-	3,134
IOWA	645	3,128	21	-	4	-	3,153	4,760	114	-	16	-	4,890
KANSAS	712	3,250	-	-	-	-	3,250	4,465	-	-	-	-	4,465
KENTUCKY	579	1,638	-	-	-	-	1,638	1,756	-	-	-	-	1,756
LOUISIANA	656	1,084	-	-	-	-	1,084	1,575	-	-	-	-	1,575
MAINE	313	736	-	-	-	-	736	1,088	-	-	-	-	1,088
MARYLAND	169	499	-	-	-	-	499	1,129	13	-	-	-	1,142
MASSACHUSETTS	170	229	-	12	-	1	242	539	-	229	1	-	769
MICHIGAN	772	2,398	-	-	-	-	2,398	3,852	17	-	-	-	3,869
MINNESOTA	688	3,355	2	-	-	-	3,357	5,322	1	-	-	-	5,323
MISSISSIPPI	560	1,576	-	-	-	-	1,576	3,842	10	-	6	279	4,137
MISSOURI	841	2,762	-	-	-	-	2,762	3,706	-	-	-	-	3,706
MONTANA	1,144	2,102	-	-	-	-	2,102	3,261	-	-	-	51	3,312
NEBRASKA	444	2,719	-	-	-	-	2,719	4,211	-	-	1	-	4,212
NEVADA	499	607	-	-	-	2	609	1,178	-	-	-	-	1,178
NEW HAMPSHIRE	180	319	-	-	-	-	319	664	-	-	-	-	664
NEW JERSEY	126	279	-	-	-	-	279	599	46	-	1	-	646
NEW MEXICO	906	1,376	-	-	-	-	1,376	2,288	5	-	-	-	2,293
NEW YORK	854	1,756	26	-	6	-	1,788	4,514	97	6	13	-	4,630
NORTH CAROLINA	709	2,003	-	-	-	-	2,003	1,765	-	-	-	274	2,039
NORTH DAKOTA	530	1,207	-	-	-	-	1,207	4,198	-	-	-	-	4,198
OHIO 3/	847	1,680	-	-	-	-	1,680	3,312	-	-	1	-	3,313
OKLAHOMA	723	1,879	-	-	-	-	1,879	3,220	-	-	-	-	3,220
OREGON	595	2,250	-	-	-	6	2,256	2,396	69	-	2	-	2,467
PENNSYLVANIA	1,166	1,787	-	1	-	-	1,788	5,951	-	15	-	-	5,966
RHODE ISLAND	21	74	-	-	-	-	74	84	-	8	-	-	92
SOUTH CAROLINA	673	1,519	-	-	-	-	1,519	3,437	-	-	-	-	3,437
SOUTH DAKOTA	631	2,312	-	-	-	6	2,318	3,345	-	-	-	42	3,387
TENNESSEE	780	1,059	-	-	-	-	1,059	4,168	-	-	-	-	4,168
TEXAS	2,282	7,902	-	-	1	-	7,903	6,913	1	-	-	-	6,914
UTAH	792	870	-	-	-	11	881	1,835	5	-	-	23	1,863
VERMONT	286	286	-	-	7	-	293	726	-	-	22	-	748
VIRGINIA	777	1,518	-	-	-	2	1,520	3,234	3	-	-	308	3,545
WASHINGTON	519	1,796	-	-	-	-	1,796	2,577	-	-	-	-	2,577
WEST VIRGINIA	427	509	3	-	-	-	512	1,728	-	-	-	-	1,728
WISCONSIN	516	3,267	22	-	-	-	3,289	4,962	102	1	3	-	5,068
WYOMING	863	1,023	-	-	-	-	1,023	1,787	-	-	-	309	2,096
TOTAL	33,547	83,529	102	16	18	137	83,802	142,176	678	274	80	1,527	144,735
PERCENT/SYSTEM	100.0	99.6	0.2	0.0	0.0	0.2	100.0	98.2	0.4	0.2	0.1	1.1	100.0

# JURISDICTION - RURAL - 1990

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-50  
 SHEET 2 OF 4  
 SEPTEMBER 1991

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	2,729	8,443	-	409	-	11,581	47	6,758	-	166	-	6,971	163	43,287	-	4,389	897	48,736
ALASKA	1,904	-	-	-	-	1,904	886	-	-	19	-	905	421	1,852	-	2,310	2,551	7,134
ARIZONA	1,182	2,085	-	-	477	3,744	242	478	-	17	2,331	3,068	-	16,899	1,143	-	7,834	25,876
ARKANSAS	8,998	3,327	-	78	47	12,450	236	6,039	1	125	-	6,530	223	39,659	-	3,693	1,336	44,911
CALIFORNIA	1,028	11,288	-	291	314	12,921	128	9,394	-	231	138	9,891	3,166	35,326	-	2,573	14,831	55,896
COLORADO	3,551	3,073	-	109	569	7,302	234	9,801	-	402	1,628	12,065	88	35,757	-	1,868	4,687	42,400
CONNECTICUT	913	-	47	-	-	960	296	-	841	-	-	1,137	194	-	5,984	-	4	6,182
DELAWARE	606	-	-	1	2	609	152	-	-	-	-	152	-	-	-	250	-	2,731
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	568	4,020	-	78	-	4,686	12	5,085	-	98	-	5,195	-	43,073	-	-	-	43,073
GEORGIA	6,026	7,838	-	32	138	14,034	26	7,159	-	12	69	7,266	100	52,565	-	3,828	628	57,121
HAWAII	379	79	-	-	-	458	9	104	-	-	-	113	66	1,510	-	-	35	1,611
IDAHO	1,479	1,967	-	1,333	103	4,882	16	1,604	-	1,239	949	3,808	156	10,380	-	10,636	26,939	48,111
ILLINOIS	2,695	10,407	849	247	1	14,199	105	2,126	1,289	55	-	3,575	1,032	2,484	56,444	6,813	157	76,930
INDIANA	4,570	5,052	-	132	-	9,754	29	10,126	-	145	-	10,303	82	45,874	-	2,928	-	48,884
IOWA	386	12,639	-	542	-	13,567	2	16,124	3	273	-	16,399	409	59,865	-	4,807	-	65,101
KANSAS	1,648	21,075	-	5	-	22,728	7	9,314	-	-	-	9,321	6	81,362	-	2,629	-	83,997
KENTUCKY	7,175	3	-	-	37	7,215	9,197	41	-	1	33	9,272	5,111	34,400	-	1,768	237	41,516
LOUISIANA	7,335	-	-	-	17	4,306	-	-	-	-	-	4,306	-	28,441	-	2,306	611	31,358
MAINE	3,245	-	30	1	-	3,276	1,598	-	613	34	9	2,254	790	-	10,894	387	157	12,228
MARYLAND	1,368	526	-	17	-	1,911	365	1,499	-	29	-	1,893	415	9,615	-	516	302	10,848
MASSACHUSETTS	384	-	1,615	-	8	2,007	46	-	1,904	-	1	1,951	394	-	7,619	1	77	8,091
MICHIGAN	675	16,086	-	440	-	17,201	-	7,012	-	471	-	7,483	12	56,846	-	2,392	-	59,050
MINNESOTA	1,531	14,836	90	19	128	16,604	31	11,297	410	39	101	11,878	1,250	52,439	52,439	4,906	1,423	77,339
MISSISSIPPI	3,520	7,996	2	186	-	11,704	59	2,794	1	38	17	2,909	156	41,233	-	2,426	463	44,278
MISSOURI	18,102	-	-	-	-	18,102	5,430	-	-	-	-	5,430	-	52,115	16,205	5,764	563	74,647
MONTANA	312	6,949	-	5	415	6,681	189	7,405	-	19	1,638	9,251	1,040	32,151	-	1,072	12,363	46,626
NEBRASKA	2,243	9,029	-	164	22	11,458	-	8,736	379	63	55	9,233	338	42,566	13,445	2,977	59	59,385
NEVADA	2,084	195	-	2	47	2,328	357	1,991	-	27	80	2,455	196	20,637	-	805	13,733	35,371
NEW HAMPSHIRE	1,225	-	5	5	-	1,235	869	-	256	99	6	1,230	471	-	6,177	1,997	130	8,775
NEW JERSEY	91	1,472	69	102	-	1,734	9	908	313	24	-	1,254	482	997	3,851	2,360	21	7,711
NEW MEXICO	4,201	-	-	-	-	4,201	2,373	-	-	-	-	2,373	-	38,089	-	-	-	38,089
NEW YORK	4,178	1,825	231	59	-	6,293	614	8,674	1,337	174	-	10,799	360	6,700	39,848	2,057	-	48,965
NORTH CAROLINA	10,505	-	-	1	5	10,511	9,049	-	-	1	-	9,050	46,102	-	-	3,520	1,511	51,133
NORTH DAKOTA	1,198	9,178	286	226	219	11,107	-	7,161	64	263	-	7,488	47	-	57,772	2,007	350	60,176
OHIO 1/	8,535	2,976	111	171	-	11,793	1,234	5,394	338	158	-	7,124	1,030	18,931	34,632	2,793	29	57,416
OKLAHOMA	5,974	14,868	-	567	-	21,409	-	3,066	-	26	-	3,092	232	69,040	-	-	87	69,359
OREGON	1,606	6,704	-	64	1,269	9,643	193	3,615	-	63	3,266	7,327	3,368	21,320	-	1,555	38,028	64,271
PENNSYLVANIA	7,781	21	162	16	-	7,980	8,303	-	62	11	-	8,375	12,458	-	43,438	992	62,888	82,888
RHODE ISLAND	134	-	67	-	-	201	58	-	95	-	-	153	-	-	982	-	-	982
SOUTH CAROLINA	8,385	148	-	-	-	8,534	3,823	178	-	3	-	4,004	17,623	17,787	-	528	598	36,536
SOUTH DAKOTA	1,437	9,210	230	44	577	11,498	13	6,186	521	13	232	6,965	59	16,739	28,451	1,775	1,139	48,163
TENNESSEE	5,464	-	-	-	-	5,464	10	10,441	-	329	2	10,782	913	42,132	-	3,425	576	47,046
TEXAS	36,823	1,064	-	26	24	37,937	14,438	4,029	-	50	-	18,525	312	128,112	-	14,260	930	143,614
UTAH	1,706	1,241	-	59	154	3,160	101	3,450	-	168	451	4,170	15	15,768	-	1,925	9,305	27,003
VERMONT	1,141	-	744	28	-	1,913	19	-	896	71	-	986	209	-	8,433	2	71	8,715
VIRGINIA	10,120	46	-	40	-	10,206	2,399	-	-	-	-	2,399	31,729	401	-	367	1,505	34,002
WASHINGTON	1,086	6,104	159	-	-	7,349	-	6,429	107	-	144	6,680	11,277	23,074	1,831	-	9,936	46,118
WEST VIRGINIA	6,349	-	-	3	-	6,352	2,160	1	-	-	-	2,161	19,086	-	-	621	630	20,336
WISCONSIN	1,750	11,008	880	104	-	13,742	20	4,214	2,023	249	-	6,506	617	4,216	56,884	3,782	881	66,360
WYOMING	2,133	315	-	9	28	2,485	299	6,210	-	276	670	7,465	265	7,909	14	12,058	3,103	23,339
TOTAL	208,478	212,093	5,577	5,616	4,601	436,365	69,978	187,882	18,550	5,282	12,220	293,912	164,933	1,216,243	413,048	176,494	159,709	2,130,427
PERCENT/SYSTEM	47.7	48.6	1.3	1.3	1.1	100.0	23.8	63.9	6.3	1.8	4.2	100.0	7.7	57.1	19.4	8.3	7.5	100.0



# JURISDICTION - URBAN - 1990

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-50  
 SHEET 3 OF 4  
 SEPTEMBER 1991

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	247	21	-	-	-	-	21	958	1	-	49	-	1,008
ALASKA	51	-	-	-	-	-	-	106	-	-	-	-	106
ARIZONA	130	35	-	-	4	-	39	124	42	-	824	3	993
ARKANSAS	123	105	-	-	-	-	105	579	2	-	54	-	635
CALIFORNIA	983	1,187	61	-	15	-	1,263	1,060	727	-	4,154	-	5,941
COLORADO	149	152	8	-	4	-	164	488	94	-	347	-	929
CONNECTICUT	232	191	-	-	-	-	191	629	-	81	-	-	710
DELAWARE	41	1	-	-	-	-	1	136	-	-	-	-	136
DIST. OF COL.	12	18	-	-	-	6	24	99	-	-	-	-	99
FLORIDA	416	269	-	-	-	-	269	1,905	5	-	25	-	1,935
GEORGIA	372	142	4	-	2	-	148	1,366	62	-	39	1	1,468
HAWAII	38	53	-	-	-	-	53	70	24	-	-	-	94
IDAHO	75	-	-	-	-	-	-	128	-	11	45	-	184
ILLINOIS	546	78	5	-	-	-	83	2,115	131	6	120	-	2,372
INDIANA	285	97	7	-	8	-	112	1,015	82	-	249	-	1,346
IOWA	137	-	-	-	-	-	-	654	16	-	251	-	921
KANSAS	160	75	-	-	15	-	90	327	-	-	250	-	577
KENTUCKY	184	90	-	-	-	-	90	487	-	-	10	-	497
LOUISIANA	188	25	-	-	3	-	28	899	47	-	72	-	1,018
MAINE	53	14	-	-	-	-	14	221	-	-	2	-	223
MARYLAND	231	161	-	-	6	24	191	603	72	-	210	6	891
MASSACHUSETTS	397	274	-	-	-	-	274	711	-	-	1,134	-	1,845
MICHIGAN	455	199	-	-	1	-	200	1,098	559	-	295	-	1,952
MINNESOTA	217	138	-	-	-	-	138	529	27	-	29	-	585
MISSISSIPPI	124	34	-	-	-	-	34	418	5	-	187	10	600
MISSOURI	336	251	-	-	19	-	270	646	65	-	328	-	1,039
MONTANA	47	-	-	-	-	-	-	103	12	-	56	-	171
NEBRASKA	37	9	-	-	1	-	10	272	8	-	95	-	375
NEVADA	46	36	-	-	-	-	36	116	27	-	27	2	172
NEW HAMPSHIRE	44	33	-	-	-	-	33	105	-	-	85	-	190
NEW JERSEY	270	269	-	-	-	-	269	899	390	-	67	-	1,356
NEW MEXICO	94	3	-	-	-	-	3	323	11	-	125	-	459
NEW YORK	646	637	41	-	74	-	752	1,373	189	7	838	-	2,407
NORTH CAROLINA	228	207	-	-	-	-	207	1,692	-	-	50	4	1,746
NORTH DAKOTA	40	-	-	-	-	-	-	148	-	-	7	-	155
OHIO 3/	725	357	4	-	6	-	367	1,697	71	-	389	-	2,157
OKLAHOMA	207	186	-	-	3	-	189	426	43	-	313	-	782
OREGON	132	52	2	-	1	-	55	432	36	-	97	-	565
PENNSYLVANIA	403	382	-	1	1	-	384	2,577	40	40	181	-	2,815
RHODE ISLAND	49	60	-	4	-	-	64	255	17	93	-	-	348
SOUTH CAROLINA	118	34	-	-	-	-	34	685	2	-	2	-	689
SOUTH DAKOTA	47	2	-	-	1	-	3	116	3	1	50	-	170
TENNESSEE	282	-	-	-	-	-	-	1,257	3	-	65	-	1,325
TEXAS	947	814	6	-	6	-	826	2,894	28	-	1,022	-	3,944
UTAH	146	13	-	-	-	-	13	227	7	-	14	-	248
VERMONT	34	9	-	-	6	-	15	63	-	3	43	-	109
VIRGINIA	299	158	-	-	-	29	187	898	23	-	14	67	1,002
WASHINGTON	240	192	-	-	-	-	192	431	254	61	513	-	1,259
WEST VIRGINIA	90	69	-	-	1	-	70	215	-	-	1	-	216
WISCONSIN	124	155	-	-	1	-	156	909	61	-	86	-	1,056
WYOMING	50	3	-	-	-	-	3	148	4	-	15	-	167
TOTAL	11,527	7,290	198	5	178	59	7,670	35,632	3,150	303	12,809	93	51,987
PERCENT/SYSTEM	100.0	95.0	1.8	0.1	2.3	0.8	100.0	68.5	6.1	0.6	24.6	0.2	100.0

## JURISDICTION - URBAN - 1990

### MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-50  
 SHEET 4 OF 4  
 SEPTEMBER 1991

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	336	5	-	1,270	-	1,611	30	9	-	1,668	-	1,707	-	162	-	12,098	-	12,260
ALASKA	76	2	-	3	-	81	134	13	-	17	-	164	11	1,083	-	53	-	1,147
ARIZONA	177	8	10	806	9	1,010	20	30	6	1,590	4	1,650	-	1,129	-	9,704	12	10,845
ARKANSAS	328	71	-	597	-	996	31	76	-	899	-	1,006	61	432	-	4,319	-	4,812
CALIFORNIA	144	1,468	-	6,700	-	8,312	9	1,395	-	6,343	-	7,747	3	7,523	-	42,143	7	49,676
COLORADO	64	262	-	814	-	1,140	4	251	-	901	-	1,156	1	1,563	-	6,170	-	7,734
CONNECTICUT	494	-	455	-	-	949	122	-	1,794	-	-	20	-	6,887	-	-	-	6,907
DELAWARE	133	-	-	3	-	136	161	-	-	7	-	168	756	-	377	-	-	1,133
DIST. OF COL.	150	-	-	-	2	152	144	-	-	-	12	156	659	-	-	-	-	659
FLORIDA	1,503	150	-	752	-	2,405	99	1,047	-	3,634	-	4,780	-	145	-	38,084	-	38,229
GEORGIA	422	1,172	-	518	-	2,112	19	940	-	846	3	1,808	19	8,160	-	7,633	8	15,820
HAWAII	15	102	-	-	-	117	5	175	-	-	-	180	38	948	-	-	44	1,030
IDAHO	50	-	225	122	-	397	2	-	247	136	-	385	-	-	872	506	10	1,388
ILLINOIS	1,022	774	112	1,278	1	3,187	329	381	249	2,332	-	3,291	268	104	2,581	19,557	14	22,524
INDIANA	177	761	-	1,357	-	2,288	5	789	-	1,167	-	1,561	6	3,353	-	8,517	-	11,876
IOWA	19	174	-	1,092	-	1,285	2	137	-	908	-	1,047	113	361	-	4,922	-	5,396
KANSAS	32	-	-	1,006	-	1,038	-	-	-	770	-	770	-	-	-	6,470	-	6,470
KENTUCKY	876	25	-	168	25	1,094	287	172	-	423	20	902	154	1,390	-	3,239	141	4,925
LOUISIANA	494	157	-	460	-	1,111	74	270	-	802	-	1,146	-	2,484	-	6,315	-	8,799
MAINE	257	-	3	37	-	297	178	-	-	216	-	394	50	-	4	1,449	10	1,613
MARYLAND	288	427	-	231	12	958	69	778	-	321	6	1,174	98	5,857	-	2,814	76	8,845
MASSACHUSETTS	322	-	-	2,097	-	2,419	48	-	-	2,677	-	2,725	123	-	-	13,053	30	13,186
MICHIGAN	84	1,321	-	2,184	-	3,589	2	1,104	-	1,684	-	2,790	-	5,570	-	12,120	-	17,680
MINNESOTA	267	874	6	399	-	1,546	23	641	17	1,162	-	1,843	15	338	152	9,373	-	9,879
MISSISSIPPI	83	61	-	537	-	681	12	120	1	630	-	763	65	-	-	4,371	6	5,154
MISSOURI	273	243	6	1,105	-	1,627	39	264	-	1,194	-	1,497	1	1,361	10	8,898	-	10,270
MONTANA	8	56	-	147	-	211	-	61	-	165	-	226	-	373	-	1,243	-	1,616
NEBRASKA	5	87	-	465	-	537	1	53	-	351	-	405	-	307	8	3,273	-	3,588
NEVADA	78	82	-	182	-	342	24	137	-	271	-	432	-	928	-	1,128	-	2,056
NEW HAMPSHIRE	108	-	2	245	-	355	25	-	22	295	-	342	9	-	73	1,367	-	1,459
NEW JERSEY	139	2,108	80	561	-	2,888	14	649	60	1,196	-	1,919	46	613	953	14,170	18	15,800
NEW MEXICO	193	20	-	118	-	331	153	21	-	111	-	285	-	3,421	-	905	-	4,326
NEW YORK	951	1,336	476	1,405	-	4,168	91	969	955	1,928	-	3,943	403	505	13,436	11,653	-	25,997
NORTH CAROLINA	1,735	-	-	462	7	2,204	706	-	-	667	2	1,375	2,947	-	-	10,331	207	13,485
NORTH DAKOTA	14	-	56	200	-	270	-	27	-	199	-	226	3	-	88	1,029	-	1,120
OHIO 3/	979	496	27	1,290	-	2,792	151	992	206	2,797	-	4,146	18	705	4,769	15,749	-	21,241
OKLAHOMA	157	329	-	1,377	-	1,863	14	112	-	1,080	-	1,206	1	-	-	7,833	2	7,836
OREGON	88	410	-	520	-	1,018	7	266	-	682	-	975	78	1,191	-	4,360	36	5,685
PENNSYLVANIA	2,065	134	130	493	-	2,822	1,329	124	768	970	-	3,191	445	-	-	18,284	-	18,729
RHODE ISLAND	217	-	70	4	-	291	197	-	297	4	-	498	-	-	3,338	-	-	3,338
SOUTH CAROLINA	880	8	-	10	-	896	1,042	56	-	61	-	1,159	3,293	1,688	-	1,466	-	6,447
SOUTH DAKOTA	5	29	3	195	-	232	2	8	1	103	-	114	-	15	45	1,107	1	1,168
TENNESSEE	471	29	-	470	-	970	59	304	-	1,448	-	1,811	24	1,266	-	9,662	-	10,952
TEXAS	1,678	207	-	3,699	-	5,584	1,584	121	-	5,178	-	6,883	28	4,436	-	66,068	-	70,592
UTAH	226	43	-	160	-	429	43	82	-	351	-	476	19	860	-	3,377	7	4,263
VERMONT	42	-	26	62	-	130	-	-	78	100	-	178	1	-	-	704	9	714
VIRGINIA	962	86	-	587	7	1,642	507	110	-	787	-	1,404	3,390	768	-	6,451	108	10,717
WASHINGTON	127	769	136	677	-	1,709	-	761	237	779	-	1,777	63	4,359	1,077	5,572	12	11,083
WEST VIRGINIA	272	-	-	56	-	328	195	-	-	209	-	404	467	-	-	1,501	-	1,968
WISCONSIN	138	528	70	1,170	-	1,906	4	109	139	1,175	-	1,427	12	34	1,176	8,504	-	9,726
WYOMING	45	35	-	120	-	200	19	61	-	240	-	320	13	54	-	1,143	2	1,212
TOTAL	19,662	14,827	1,893	38,211	63	74,656	8,015	13,608	5,104	51,474	47	78,248	13,721	64,259	35,470	419,065	760	533,275
PERCENT/SYSTEM	26.3	19.9	2.6	51.1	0.1	100.0	10.2	17.4	6.6	65.7	0.1	100.0	2.6	12.1	6.7	78.5	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/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

# TYPE OF SURFACE - RURAL - 1990 <sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-51  
 SHEET 1 OF 4  
 SEPTEMBER 1991

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/	COMPOSITE	RIGID				FLEXIBLE	COMPOSITE	RIGID				FLEXIBLE	COMPOSITE	RIGID	
ALABAMA	464	22	156	642	-	13	1,942	39	-	1,994	-	63	3,770	61	-	3,894
ALASKA	1,038	-	-	1,038	-	53	-	-	-	53	-	902	-	-	-	902
ARIZONA	1,039	-	-	1,039	-	397	640	-	-	1,037	-	1,070	1,046	8	-	2,181
ARKANSAS	47	39	333	419	-	-	1,764	115	52	1,931	57	381	2,784	2	-	3,167
CALIFORNIA	480	81	855	1,416	-	18	2,332	203	379	2,932	-	520	5,820	215	41	6,596
COLORADO	478	33	282	793	-	-	1,887	9	5	1,901	-	115	1,781	51	-	1,947
CONNECTICUT	66	7	36	109	-	33	92	100	1	226	66	-	344	54	8	472
DELAWARE	-	-	-	-	-	-	-	107	47	154	-	7	11	150	15	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	765	-	245	1,010	58	-	2,611	7	2	2,678	-	91	3,267	44	7	3,409
GEORGIA	137	163	573	873	-	1	2,693	-	11	2,705	263	215	5,396	-	-	5,874
HAWAII	-	-	5	5	-	-	13	-	-	13	-	-	387	-	-	387
IDAHO	413	-	117	530	51	67	1,500	-	30	1,648	154	141	706	26	-	1,027
ILLINOIS	-	761	654	1,415	-	-	62	1,653	1,026	2,741	-	-	67	4,508	506	5,081
INDIANA	76	625	162	863	-	-	224	696	182	1,102	-	591	2,018	54	471	3,134
IOWA	65	155	425	645	-	-	179	1,613	1,361	3,153	-	-	1,370	2,331	1,189	4,890
KANSAS	449	150	113	712	-	74	2,362	515	299	3,250	-	1,895	2,232	305	33	4,465
KENTUCKY	169	212	198	579	-	6	973	330	329	1,638	-	114	1,234	344	64	1,756
LOUISIANA	104	53	499	656	-	-	272	736	76	1,084	-	-	793	686	96	1,575
MAINE	301	-	12	313	30	705	-	-	1	736	214	861	-	13	-	1,088
MARYLAND	154	3	12	169	-	-	483	2	14	499	-	-	1,140	-	2	1,142
MASSACHUSETTS	165	1	4	170	-	-	238	-	4	242	3	196	552	-	18	769
MICHIGAN	145	92	535	772	-	752	122	1,258	266	2,398	-	2,344	12	1,235	278	3,869
MINNESOTA	98	9	581	688	-	908	1,051	917	481	3,357	92	672	4,081	18	460	5,323
MISSISSIPPI	202	86	272	560	-	-	705	707	164	1,576	-	814	3,276	5	42	4,137
MISSOURI	-	513	328	841	-	-	1,003	867	751	2,762	-	1,940	978	508	280	3,706
MONTANA	1,029	-	115	1,144	85	141	1,896	-	3	2,102	206	379	2,727	-	-	3,312
NEBRASKA	29	50	365	444	-	84	1,894	105	636	2,719	-	398	2,976	428	410	4,212
NEVADA	389	-	110	499	-	-	609	-	-	609	-	-	1,178	-	-	1,178
NEW HAMPSHIRE	180	-	-	180	17	10	271	21	-	319	126	73	461	4	-	664
NEW JERSEY	87	6	33	126	-	-	174	101	4	279	-	8	230	172	236	646
NEW MEXICO	687	176	43	906	47	15	1,314	-	-	1,376	179	719	1,395	-	-	2,293
NEW YORK	246	440	168	854	-	-	520	903	365	1,788	-	86	2,040	2,359	145	4,630
NORTH CAROLINA	308	9	392	709	-	-	1,910	-	93	2,003	3	-	2,008	24	4	2,039
NORTH DAKOTA	20	31	479	530	-	11	1,142	13	41	1,207	34	259	3,905	-	-	4,198
OHIO 5/	69	677	101	847	-	-	827	636	217	1,680	-	-	2,043	1,130	140	3,313
OKLAHOMA	410	39	274	723	179	-	1,279	258	163	1,879	400	-	2,320	343	157	3,220
OREGON	388	19	188	595	-	75	2,159	4	18	2,256	-	112	2,314	-	41	2,467
PENNSYLVANIA	73	458	635	1,166	-	55	296	787	650	1,788	-	674	2,220	2,620	452	5,966
RHODE ISLAND	-	21	-	21	8	31	35	-	-	74	14	37	26	-	15	92
SOUTH CAROLINA	407	-	266	673	-	437	632	450	-	1,519	-	1,765	1,660	-	12	3,437
SOUTH DAKOTA	48	2	581	631	-	-	1,778	11	529	2,318	241	207	2,707	24	208	3,387
TENNESSEE	717	51	12	780	-	-	834	222	3	1,059	-	-	4,048	120	-	4,168
TEXAS	1,454	321	507	2,282	9	18	6,183	1,359	334	7,903	215	355	6,065	274	5	6,914
UTAH	707	-	85	792	-	-	681	-	-	681	-	-	1,863	-	-	1,863
VERMONT	286	-	-	286	-	-	291	-	2	293	16	14	718	-	-	748
VIRGINIA	575	53	149	777	-	-	1,367	78	75	1,520	5	38	3,395	107	-	3,545
WASHINGTON	383	-	136	519	-	-	1,722	-	74	1,796	-	-	2,514	-	63	2,577
WEST VIRGINIA	-	112	315	427	-	-	326	9	177	512	-	-	1,682	-	46	1,728
WISCONSIN	11	195	310	516	-	-	1,546	879	864	3,289	-	537	3,328	618	585	5,068
WYOMING	719	1	143	863	3	-	1,009	-	11	1,023	40	42	2,006	-	8	2,096
TOTAL	16,077	5,666	11,804	33,547	487	4,022	53,843	15,710	9,740	83,802	2,328	18,635	98,894	18,841	6,037	144,735
PERCENT/SYSTEM	47.9	16.9	35.2	100.0	0.6	4.8	64.1	18.8	11.7	100.0	1.6	12.9	68.2	13.1	4.2	100.0

## TYPE OF SURFACE - RURAL - 1990<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-51  
 SHEET 2 OF 4  
 SEPTEMBER 1991

STATE	MAJOR COLLECTOR								MINOR COLLECTOR							
	UNPAVED 6/	PAVED 3/						TOTAL	UNPAVED 6/	PAVED 3/						TOTAL
		LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE			TOTAL			LOW TYPE	INTER- MEDIATE TYPE	HIGH TYPE			TOTAL	
				FLEXIBLE	COMPOSITE	RIGID						FLEXIBLE	COMPOSITE	RIGID		
ALABAMA	256	3,745	2,780	4,624	176	-	11,325	11,581	253	3,369	1,938	1,346	-	65	6,718	6,971
ALASKA	1,046	13	845	-	-	-	858	1,904	562	16	327	-	-	-	343	905
ARIZONA	565	717	1,198	1,264	-	-	3,179	3,744	1,479	486	1,042	61	-	-	1,589	3,068
ARKANSAS	1,142	459	4,243	6,310	296	-	11,308	12,450	3,761	1,054	1,109	606	-	-	2,769	6,530
CALIFORNIA	731	491	3,795	7,613	186	105	12,190	12,921	1,036	605	4,161	4,082	7	-	8,855	9,891
COLORADO	770	-	128	6,216	187	1	6,532	7,302	8,091	-	25	3,899	-	50	3,974	12,065
CONNECTICUT	-	502	-	362	79	17	960	960	-	512	262	352	6	-	1,132	1,137
DELAWARE	-	16	137	33	404	19	609	609	-	26	32	38	56	-	152	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	97	1,154	56	3,343	-	36	4,589	4,686	322	1,099	223	3,551	-	-	4,873	5,195
GEORGIA	346	3,402	2,894	7,352	-	40	13,688	14,034	1,359	2,333	1,602	1,972	-	-	5,907	7,266
HAWAII	-	10	19	429	-	-	458	458	-	-	20	93	-	-	113	113
IDAHO	1,175	1,147	951	1,595	3	11	3,707	4,882	2,341	936	434	97	-	-	1,467	3,808
ILLINOIS	778	2,705	326	6,937	2,170	1,283	13,421	14,199	883	1,651	149	654	230	8	2,692	3,575
INDIANA	-	26	5,647	3,821	238	22	9,754	9,754	1,160	792	7,799	525	-	27	9,143	10,303
IOWA	1,374	257	26	6,696	308	4,906	12,193	13,567	12,121	284	75	2,696	8	1,215	4,278	16,399
KANSAS	11,891	2,131	7,749	821	106	30	10,837	22,728	8,534	167	511	49	-	60	787	9,321
KENTUCKY	-	83	1,737	4,693	702	-	7,215	7,215	32	352	6,122	2,754	12	-	9,240	9,272
LOUISIANA	-	-	1,237	5,405	632	78	7,352	7,352	188	-	2,244	1,826	23	24	4,117	4,305
MAINE	-	2,209	1,067	-	-	-	3,276	3,276	83	1,981	189	-	-	1	2,171	2,254
MARYLAND	-	28	166	1,709	-	8	1,911	1,911	29	376	348	1,125	-	15	1,864	1,893
MASSACHUSETTS	38	45	815	1,109	-	-	1,969	2,007	258	48	754	891	-	-	1,693	1,951
MICHIGAN	1,680	2,078	5,150	6,898	1,095	500	15,521	17,201	1,552	672	2,102	3,091	22	44	5,931	7,483
MINNESOTA	1,623	-	8,795	5,567	-	619	14,981	16,604	4,449	-	6,968	459	2	-	7,429	11,678
MISSISSIPPI	703	3,005	5,701	2,128	146	21	11,001	11,704	673	318	1,540	378	-	-	2,236	2,909
MISSOURI	-	7,094	8,816	1,362	654	176	18,102	18,102	-	4,039	1,360	14	17	-	5,430	5,430
MONTANA	2,839	334	1,080	2,428	-	-	3,842	6,681	8,538	59	591	63	-	-	713	9,251
NEBRASKA	4,567	125	3,167	3,144	118	337	6,891	11,458	8,236	76	758	144	6	13	997	9,233
NEVADA	50	-	181	2,097	-	-	2,278	2,328	1,275	-	333	847	-	-	1,180	2,455
NEW HAMPSHIRE	-	566	55	585	11	18	1,235	1,235	2	1,086	3	133	-	6	1,228	1,230
NEW JERSEY	-	-	77	1,580	77	-	1,734	1,734	1	3	224	991	27	8	1,253	1,254
NEW MEXICO	280	1,102	1,564	1,230	25	-	3,921	4,201	209	1,249	815	100	-	-	2,164	2,373
NEW YORK	-	-	630	3,512	1,990	161	6,293	6,293	130	936	5,497	3,437	799	-	10,669	10,799
NORTH CAROLINA	-	314	-	9,949	20	228	10,511	10,511	-	2,161	-	6,856	-	33	9,050	9,050
NORTH DAKOTA	4,498	1,335	1,222	3,997	-	55	6,609	11,107	7,066	163	193	66	-	-	422	7,488
OHIO 5/	-	74	81	8,511	3,112	15	11,793	11,793	690	116	1,007	4,726	585	-	6,434	7,124
OKLAHOMA	5,551	9,851	-	4,496	1,281	230	15,858	21,409	2,320	761	-	-	-	11	772	3,092
OREGON	592	320	2,978	5,753	-	-	9,051	9,643	3,359	289	1,526	2,153	-	-	3,968	7,327
PENNSYLVANIA	420	-	2,396	3,738	1,345	81	7,560	7,980	30	-	4,167	3,897	233	49	8,346	8,376
RHODE ISLAND	-	47	117	24	-	13	201	201	-	78	70	5	-	-	153	153
SOUTH CAROLINA	-	-	7,174	1,360	-	-	8,534	8,534	92	-	3,910	2	-	-	3,912	4,004
SOUTH DAKOTA	4,032	4,350	1,156	1,486	94	380	7,466	11,498	5,940	476	179	31	-	339	1,025	6,965
TENNESSEE	-	1,418	152	3,877	17	-	5,464	5,464	628	3,896	1,315	4,919	24	-	10,154	10,782
TEXAS	-	1,023	2,052	33,782	875	205	37,937	37,937	63	1,198	1,429	15,679	101	55	18,462	18,525
UTAH	491	-	688	1,977	-	4	2,669	3,160	2,845	-	1,012	313	-	-	1,325	4,170
VERMONT	67	266	-	1,574	-	6	1,846	1,913	393	287	261	45	-	-	593	986
VIRGINIA	-	3,806	1,054	5,283	53	10	10,206	10,206	-	1,750	206	443	-	-	2,399	2,399
WASHINGTON	486	432	3,132	3,035	93	171	6,863	7,349	1,180	179	3,849	1,348	77	47	5,500	6,680
WEST VIRGINIA	-	478	420	5,440	-	14	6,352	6,352	118	738	165	1,049	7	84	2,043	2,161
WISCONSIN	-	-	3,276	9,621	834	11	13,742	13,742	214	-	1,380	4,563	346	3	6,292	6,506
WYOMING	81	255	119	1,964	-	66	2,404	2,485	5,945	205	552	753	-	-	1,510	7,455
<b>TOTAL</b>	<b>48,169</b>	<b>57,413</b>	<b>97,049</b>	<b>206,530</b>	<b>17,327</b>	<b>9,877</b>	<b>388,196</b>	<b>436,365</b>	<b>98,445</b>	<b>36,822</b>	<b>70,778</b>	<b>83,122</b>	<b>2,588</b>	<b>2,157</b>	<b>195,467</b>	<b>293,912</b>
PERCENT/SYSTEM	11.0	13.2	22.3	47.2	4.0	2.3	89.0	100.0	33.5	12.6	24.1	28.1	0.9	0.8	66.5	100.0

# TYPE OF SURFACE - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-51  
 SHEET 3 OF 4  
 SEPTEMBER 1991

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL					
	PAVED 3/				PAVED 3/						PAVED 3/					
	HIGH TYPE			TOTAL	LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL
	FLEXIBLE 2/	COMPOSITE	RIGID				FLEXIBLE	COMPOSITE	RIGID				FLEXIBLE	COMPOSITE	RIGID	
ALABAMA	130	5	112	247	-	-	21	-	-	21	-	16	887	93	12	1,008
ALASKA	51	-	-	51	-	-	-	-	-	-	5	101	-	-	-	106
ARIZONA	74	10	46	130	-	-	-	-	39	39	46	293	639	-	15	993
ARKANSAS	6	9	108	123	-	-	54	1	50	105	-	16	519	70	30	635
CALIFORNIA	108	188	687	983	-	-	472	192	599	1,263	-	286	5,163	408	84	5,941
COLORADO	93	5	51	149	-	4	134	14	12	164	-	21	776	101	31	929
CONNECTICUT	47	146	39	232	-	-	45	88	58	191	-	225	151	317	17	710
DELAWARE	-	17	24	41	-	-	-	-	1	1	-	7	20	76	33	136
DIST. OF COL.	3	9	-	12	-	-	3	17	4	24	-	-	1	88	10	99
FLORIDA	270	30	116	416	-	-	261	-	8	269	-	-	1,764	86	85	1,935
GEORGIA	122	99	151	372	1	-	115	-	32	148	2	4	1,444	-	18	1,468
HAWAII	24	-	14	38	-	-	53	-	-	53	-	-	94	-	-	94
IDAHO	42	-	33	75	-	-	-	-	-	-	10	10	154	3	7	184
ILLINOIS	2	360	184	546	-	-	1	39	43	83	6	-	113	1,685	568	2,372
INDIANA	31	195	59	285	-	-	11	41	60	112	-	200	392	546	208	1,346
IOWA	5	25	107	137	-	-	-	-	-	-	5	-	78	318	520	921
KANSAS	36	31	93	160	-	-	12	32	46	90	-	55	231	143	148	577
KENTUCKY	45	31	108	184	-	-	36	5	49	90	-	7	302	137	51	497
LOUISIANA	11	28	149	188	-	-	13	4	11	28	-	6	266	409	337	1,018
MAINE	53	-	-	53	-	12	-	-	2	14	2	218	-	3	-	223
MARYLAND	135	23	73	231	-	-	163	-	28	191	-	11	800	26	54	891
MASSACHUSETTS	384	9	4	397	-	-	267	7	-	274	4	343	1,492	5	1	1,845
MICHIGAN	3	165	287	455	-	-	10	58	132	200	26	152	348	981	445	1,952
MINNESOTA	7	72	138	217	-	12	64	16	46	138	-	136	171	153	125	585
MISSISSIPPI	24	39	61	124	-	-	27	1	6	34	1	58	418	40	83	600
MISSOURI	-	228	108	336	-	-	19	56	195	270	-	36	556	247	200	1,039
MONTANA	25	-	22	47	-	-	-	-	-	-	-	5	160	-	6	171
NEBRASKA	3	1	33	37	-	-	-	-	10	10	-	2	109	43	221	375
NEVADA	8	-	38	46	-	-	15	-	21	36	-	13	159	-	-	172
NEW HAMPSHIRE	44	-	-	44	-	7	26	-	-	33	6	1	163	20	-	190
NEW JERSEY	137	13	120	270	-	-	151	-	94	269	-	1	891	328	136	1,356
NEW MEXICO	41	37	16	94	3	-	-	-	-	3	15	164	255	4	21	459
NEW YORK	35	322	289	646	-	-	82	378	292	752	-	2	518	1,686	201	2,407
NORTH CAROLINA	79	3	148	228	-	-	137	5	65	207	3	-	1,710	3	30	1,746
NORTH DAKOTA	2	10	28	40	-	-	-	-	-	-	-	6	96	12	41	155
OHIO 5/	22	539	164	725	-	-	39	166	162	367	-	13	1,056	916	172	2,157
OKLAHOMA	110	8	89	207	-	-	59	35	95	189	120	-	375	110	177	782
OREGON	43	5	84	132	-	-	52	1	2	55	-	3	514	25	23	565
PENNSYLVANIA	39	161	203	403	-	6	21	77	280	384	-	351	866	1,315	283	2,815
RHODE ISLAND	4	45	-	49	-	7	49	4	4	64	-	139	204	4	1	348
SOUTH CAROLINA	61	-	57	118	-	-	33	-	1	34	-	101	410	176	2	689
SOUTH DAKOTA	-	-	47	47	-	-	-	-	3	3	12	6	38	12	102	170
TENNESSEE	75	121	86	282	-	-	-	-	-	-	-	6	873	392	60	1,325
TEXAS	291	253	403	947	4	-	340	128	354	826	44	63	2,451	827	559	3,944
UTAH	54	-	92	146	-	-	9	-	4	13	-	8	237	1	2	248
VERMONT	34	-	34	34	1	-	14	-	-	15	-	-	106	-	3	109
VIRGINIA	105	43	151	299	-	-	125	9	52	187	-	4	787	151	60	1,002
WASHINGTON	113	-	127	240	-	-	163	-	29	192	7	59	984	11	198	1,259
WEST VIRGINIA	-	38	52	90	-	-	30	3	37	70	-	-	175	-	41	216
WISCONSIN	-	68	56	124	-	-	4	43	109	156	-	-	355	238	463	1,058
WYOMING	9	-	41	50	-	-	3	-	-	3	-	-	134	-	33	167
TOTAL	3,040	3,391	5,096	11,527	9	48	3,134	1,444	3,035	7,670	314	3,142	30,405	12,209	5,917	51,987
PERCENT/SYSTEM	26.4	29.4	44.2	100.0	0.1	0.7	40.7	18.9	39.6	100.0	0.6	6.1	58.4	23.5	11.4	100.0

## TYPE OF SURFACE - URBAN - 1990<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-51  
 SHEET 4 OF 4  
 SEPTEMBER 1991

STATE	MINOR ARTERIAL							COLLECTOR										
	UNPAVED 5/	PAVED 3/					TOTAL	TOTAL	UNPAVED 5/	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	-	46	601	919	31	12	1,611	1,611	-	189	770	740	-	8	1,707	1,707		
ALASKA	-	1	80	-	-	-	81	81	-	1	130	-	-	-	131	164		
ARIZONA	9	47	476	472	5	1	1,001	1,010	79	430	876	247	-	18	1,571	1,650		
ARKANSAS	25	25	155	732	43	15	971	996	23	66	289	551	-	34	993	1,006		
CALIFORNIA	13	27	982	6,944	260	86	8,299	8,312	18	138	1,695	5,552	-	116	228	7,729	7,747	
COLORADO	35	-	48	1,044	4	9	1,105	1,140	46	-	5	1,101	-	4	1,110	1,156		
CONNECTICUT	-	51	8	669	173	49	949	949	2	253	121	1,493	-	9	38	1,914	1,916	
DELAWARE	-	4	32	11	86	23	136	136	-	9	77	146	-	6	168	168		
DIST. OF COL.	-	-	-	8	129	17	152	152	-	-	-	12	-	144	-	156	156	
FLORIDA	-	17	155	2,176	8	49	2,406	2,406	64	127	232	4,355	-	2	4,716	4,780		
GEORGIA	5	34	132	1,907	-	34	2,107	2,112	14	54	210	1,623	-	7	1,794	1,808		
HAWAII	-	-	-	117	-	-	117	117	-	-	-	174	-	6	180	180		
IDAHO	-	13	79	304	-	1	397	397	4	5	68	305	-	2	311	385		
ILLINOIS	29	125	79	876	1,582	496	3,158	3,187	15	492	127	1,116	-	270	3,276	3,291		
INDIANA	11	17	1,374	795	21	70	2,277	2,288	40	31	1,435	423	-	32	1,921	1,961		
IOWA	48	17	7	299	415	495	1,237	1,285	122	56	1	285	-	380	925	1,047		
KANSAS	10	-	307	370	261	150	1,028	1,038	39	-	355	240	-	95	731	770		
KENTUCKY	-	-	190	637	201	66	1,094	1,094	1	-	271	535	-	19	901	902		
LOUISIANA	-	-	56	705	122	228	1,111	1,111	-	-	186	691	-	168	1,146	1,146		
MAINE	-	83	208	-	2	4	297	297	1	187	203	-	-	3	393	394		
MARYLAND	-	-	7	942	-	9	956	956	-	12	92	1,086	-	4	1,174	1,174		
MASSACHUSETTS	-	-	660	1,759	-	-	2,419	2,419	17	2	885	1,820	-	-	2,705	2,722		
MICHIGAN	20	166	677	2,075	341	310	3,569	3,569	111	212	470	1,690	-	165	2,679	2,790		
MINNESOTA	8	-	989	368	47	134	1,538	1,546	40	11	1,434	277	-	78	1,803	1,843		
MISSISSIPPI	1	70	182	363	33	32	690	681	30	40	294	366	-	33	733	763		
MISSOURI	-	54	691	530	243	239	1,827	1,827	81	206	852	281	-	56	1,416	1,497		
MONTANA	4	-	43	160	2	2	207	211	4	-	44	172	-	6	222	226		
NEBRASKA	10	-	27	250	34	216	527	537	10	-	38	177	-	171	395	405		
NEVADA	-	-	27	314	-	1	342	342	1	-	91	340	-	-	431	432		
NEW HAMPSHIRE	-	80	1	258	5	11	355	355	-	170	3	166	-	3	342	342		
NEW JERSEY	-	-	67	2,413	387	21	2,888	2,888	1	-	269	1,500	-	134	1,918	1,919		
NEW MEXICO	3	23	142	148	4	11	328	331	3	13	143	121	-	4	282	285		
NEW YORK	-	-	218	1,412	2,259	280	4,168	4,168	2	15	1,315	1,747	-	203	3,941	3,943		
NORTH CAROLINA	-	135	-	2,051	15	2	2,204	2,204	10	193	3	1,158	-	1	1,355	1,375		
NORTH DAKOTA	24	12	77	120	7	30	246	270	20	6	106	55	-	21	206	226		
OHIO 5/	1	-	4	2,063	552	172	2,791	2,792	-	-	17	3,630	-	302	4,146	4,146		
OKLAHOMA	47	1,017	-	520	57	212	1,816	1,863	93	791	-	87	-	239	1,113	1,206		
OREGON	3	4	61	911	-	39	1,015	1,018	2	5	54	898	-	16	973	975		
PENNSYLVANIA	29	-	789	1,106	792	133	2,793	2,822	4	-	1,421	1,584	-	36	3,187	3,191		
RHODE ISLAND	-	18	157	114	-	4	291	291	-	110	379	9	-	-	488	488		
SOUTH CAROLINA	3	-	653	337	-	3	893	896	5	-	994	157	-	3	1,154	1,159		
SOUTH DAKOTA	15	99	89	26	4	19	217	232	11	49	34	12	-	7	103	114		
TENNESSEE	-	4	-	938	26	2	970	970	-	44	9	1,745	-	1	1,811	1,811		
TEXAS	7	199	671	3,678	325	703	5,577	5,584	48	622	1,524	3,863	-	672	6,835	6,883		
UTAH	1	-	125	277	-	26	499	429	1	-	283	190	-	2	475	478		
VERMONT	-	20	-	105	-	2	128	130	12	52	18	96	-	2	166	178		
VIRGINIA	-	29	16	1,484	91	42	1,642	1,642	-	91	27	1,280	-	6	1,404	1,404		
WASHINGTON	9	11	398	1,113	31	147	1,700	1,709	7	22	684	940	-	120	1,770	1,777		
WEST VIRGINIA	1	2	7	297	-	21	327	328	-	15	10	346	-	39	404	404		
WISCONSIN	-	15	74	1,234	85	498	1,906	1,906	17	18	216	837	-	205	1,410	1,427		
WYOMING	-	1	31	150	-	18	200	200	9	9	65	231	-	6	311	320		
TOTAL	373	2,466	11,577	46,478	8,614	5,148	74,283	74,656	1,040	4,748	18,824	46,291	-	3,689	77,208	78,248		
PERCENT/SYSTEM	0.5	3.4	15.6	62.0	11.6	6.9	99.5	100.0	1.3	6.1	24.1	59.0	-	4.7	98.7	100.0		

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.  
 2/ INCLUDES A MINOR AMOUNT OF INTERMEDIATE TYPE PAVEMENT IN 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; INTERMEDIATE TYPE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROAD ON A FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7"; HIGH-TYPE FLEXIBLE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY ON A FLEXIBLE BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE - ALSO INCLUDES BRIER, BLOCK, OR COMBINATION ROADWAYS; HIGH-TYPE COMPOSITE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY OF MORE THAN 1" COMPACTED MATERIAL OVER A RIGID BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE; HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS

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

# LANE WIDTH - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53  
SHEET 1 OF 4  
SEPTEMBER 1991

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

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL							MINOR ARTERIAL						
	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	-	642	-	642	-	-	63	226	1,690	15	1,994	-	-	670	388	2,794	42	3,894
ALASKA	189	849	-	1,038	-	-	-	1	52	-	53	-	-	162	3	663	74	902
ARIZONA	11	722	306	1,039	-	-	-	-	497	540	1,037	-	-	57	57	1,481	643	2,181
ARKANSAS	-	419	-	419	-	-	47	812	1,072	-	1,931	-	-	1,289	814	1,062	2	3,167
CALIFORNIA	-	1,416	-	1,416	-	-	9	157	2,766	-	2,932	-	91	950	1,138	4,365	52	6,596
COLORADO	-	746	47	793	-	-	29	123	1,625	124	1,901	-	-	32	385	1,517	13	1,947
CONNECTICUT	-	109	-	109	-	-	-	12	214	-	226	-	-	17	41	414	-	472
DELAWARE	-	-	-	-	-	-	-	1	152	1	154	-	-	-	18	164	1	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	1,006	4	1,010	-	-	54	188	2,285	151	2,678	-	-	504	597	2,278	30	3,409
GEORGIA	-	853	20	873	-	-	17	98	1,900	690	2,705	-	-	136	585	4,422	731	5,874
HAWAII	-	5	-	5	-	-	1	8	4	-	13	10	14	50	92	221	-	367
IDAHO	-	530	-	530	-	5	22	82	1,539	-	1,648	-	-	59	123	845	-	1,027
ILLINOIS	-	1,415	-	1,415	-	131	6	243	2,224	137	2,741	70	433	208	632	3,475	263	5,081
INDIANA	-	863	-	863	-	-	12	40	1,015	35	1,102	6	-	321	644	1,935	228	3,134
IOWA	34	611	-	645	6	37	97	207	2,806	-	3,153	-	-	129	1,192	3,254	-	4,890
KANSAS	-	712	-	712	-	3	-	318	2,929	-	3,250	-	-	11	925	3,529	-	4,465
KENTUCKY	-	579	-	579	-	73	94	127	1,337	7	1,638	-	443	567	338	393	15	1,756
LOUISIANA	-	656	-	656	-	-	1	81	1,002	-	1,084	-	-	63	463	1,049	-	1,575
MAINE	-	313	-	313	-	-	31	159	504	42	736	-	13	294	418	350	13	1,088
MARYLAND	-	169	-	169	-	-	5	26	464	4	499	-	11	82	303	740	6	1,142
MASSACHUSETTS	-	170	-	170	1	-	6	7	200	28	242	2	33	14	182	412	126	769
MICHIGAN	-	772	-	772	-	-	46	504	1,848	-	2,398	-	-	198	1,508	2,163	-	3,869
MINNESOTA	-	688	-	688	-	-	175	272	2,732	178	3,357	-	-	141	527	4,488	167	5,323
MISSISSIPPI	-	560	-	560	-	-	-	33	1,543	-	1,576	-	-	470	1,020	2,647	-	4,137
MISSOURI	-	841	-	841	-	-	115	386	2,261	-	2,762	-	-	1,741	1,048	894	23	3,706
MONTANA	-	1,144	-	1,144	-	-	26	116	1,960	-	2,102	-	31	293	467	2,507	14	3,312
NEBRASKA	-	443	1	444	-	-	29	125	2,320	245	2,719	-	-	6	320	3,146	740	4,212
NEVADA	-	499	-	499	-	-	-	1	608	-	609	-	-	-	-	1,178	-	1,178
NEW HAMPSHIRE	-	180	-	180	-	5	7	304	319	3	319	-	2	26	53	570	13	664
NEW JERSEY	-	126	-	126	-	-	11	3	263	2	279	-	8	286	26	275	51	646
NEW MEXICO	-	906	-	906	-	-	106	59	1,170	41	1,376	-	-	276	80	1,876	61	2,293
NEW YORK	-	792	62	854	-	-	242	205	1,260	81	1,788	2	85	958	1,640	1,767	178	4,630
NORTH CAROLINA	-	709	-	709	5	9	87	354	1,548	-	2,003	2	244	424	345	1,024	-	2,039
NORTH DAKOTA	-	530	-	530	-	-	32	11	1,149	26	1,207	-	-	8	343	3,847	-	4,198
OHIO 2/	-	847	-	847	-	3	62	230	1,382	3	1,680	-	244	585	663	1,786	35	3,313
OKLAHOMA	-	723	-	723	-	-	18	53	1,765	43	1,879	-	-	14	702	2,453	51	3,220
OREGON	-	591	4	595	-	-	-	158	2,086	12	2,256	-	-	270	497	1,652	48	2,467
PENNSYLVANIA	4	1,161	1	1,166	-	-	175	533	1,042	36	1,788	107	507	1,557	2,315	1,480	-	5,966
RHODE ISLAND	-	21	-	21	-	-	5	23	35	11	74	-	-	22	15	33	22	92
SOUTH CAROLINA	-	673	-	673	-	-	-	124	1,370	25	1,519	-	29	170	906	2,306	26	3,437
SOUTH DAKOTA	-	631	-	631	-	-	73	137	1,981	127	2,318	-	29	61	203	2,937	157	3,387
TENNESSEE	-	780	-	780	-	31	97	216	715	-	1,059	-	68	802	1,630	1,668	-	4,166
TEXAS	-	2,281	1	2,282	-	2	35	432	5,822	1,612	7,903	-	-	116	519	4,554	1,725	6,914
UTAH	-	792	-	792	-	-	-	-	681	-	681	-	-	-	-	1,863	-	1,863
VERMONT	-	286	-	286	-	4	8	44	214	23	293	-	6	81	435	163	63	748
VIRGINIA	8	766	3	777	-	5	284	117	1,069	45	1,520	38	119	2,385	653	303	47	3,545
WASHINGTON	-	519	-	519	3	-	12	681	1,100	-	1,796	-	-	383	1,370	824	-	2,577
WEST VIRGINIA	-	426	1	427	-	3	63	62	379	5	512	101	493	637	284	213	-	1,728
WISCONSIN	-	516	-	516	-	-	30	448	2,811	-	3,289	-	-	290	1,566	3,212	-	5,068
WYOMING	-	863	-	863	-	-	-	3	1,020	-	1,023	-	-	82	70	1,944	-	2,096
TOTAL	246	32,851	450	33,547	15	308	2,198	8,274	68,715	4,292	83,802	338	3,218	17,840	28,543	89,136	5,660	144,735
PERCENT/SYSTEM	0.8	97.9	1.3	100.0	0.0	0.4	2.6	9.9	82.0	5.1	100.0	0.2	2.2	12.3	19.7	61.7	3.9	100.0

Roadway Extent, Characteristics, and Performance

# LANE WIDTH - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-53  
 SHEET 2 OF 4  
 SEPTEMBER 1991

STATE	MAJOR COLLECTOR							MINOR COLLECTOR						
	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	3,450	5,734	1,332	1,040	25	11,581	214	3,934	2,375	272	148	28	6,971
ALASKA	-	4	90	226	884	700	1,904	56	60	235	99	455	-	905
ARIZONA	-	154	222	249	2,455	664	3,744	272	191	395	297	1,694	219	3,068
ARKANSAS	337	1,719	5,474	3,823	1,097	-	12,450	1,265	2,134	2,589	361	181	-	6,530
CALIFORNIA	56	285	1,233	2,384	8,404	559	12,921	740	429	1,868	1,521	4,882	451	9,891
COLORADO	65	-	1,435	2,252	3,467	83	7,302	1,419	796	2,075	2,033	5,295	446	12,065
CONNECTICUT	-	23	89	265	553	30	960	140	173	309	223	258	34	1,137
DELAWARE	-	83	184	166	158	18	609	3	88	38	10	13	-	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	106	1,093	2,044	506	937	-	4,686	406	1,758	2,193	409	279	150	5,195
GEORGIA	-	2,015	5,597	2,628	2,720	1,074	14,034	46	797	5,404	512	375	132	7,266
HAWAII	80	111	114	48	99	6	458	21	41	36	7	7	1	113
IDAHO	257	424	1,483	206	2,510	2	4,882	696	883	1,165	187	877	-	3,808
ILLINOIS	488	1,611	4,467	4,971	2,375	287	14,199	736	734	1,346	491	222	46	3,575
INDIANA	26	2,270	3,454	953	2,905	146	9,754	2,472	4,999	2,326	456	42	8	10,303
IOWA	-	146	878	9,026	3,517	-	13,567	78	212	1,018	6,253	8,838	-	16,399
KANSAS	-	393	3,117	8,790	8,944	1,484	22,728	367	1,606	2,712	2,724	1,830	82	9,321
KENTUCKY	403	3,835	1,899	876	192	10	7,215	3,565	4,564	650	415	17	61	9,272
LOUISIANA	-	88	3,341	1,576	2,347	-	7,352	55	738	2,928	242	342	-	4,305
MAINE	30	879	1,480	601	270	16	3,276	315	732	1,116	28	46	17	2,254
MARYLAND	103	203	740	486	365	14	1,911	269	486	635	248	242	13	1,893
MASSACHUSETTS	111	175	431	607	427	256	2,007	187	484	492	262	301	225	1,951
MICHIGAN	-	593	6,741	5,359	4,351	157	17,201	294	1,049	2,824	2,571	697	48	7,483
MINNESOTA	-	136	776	4,375	11,181	136	16,604	155	189	608	2,520	7,571	835	11,878
MISSISSIPPI	279	824	7,546	1,281	1,774	-	11,704	456	544	1,730	63	116	-	2,909
MISSOURI	-	1,435	13,057	2,791	803	16	18,102	-	432	4,641	356	1	-	5,430
MONTANA	76	241	500	792	5,034	38	6,681	654	954	2,986	1,888	2,769	-	9,251
NEBRASKA	544	262	1,895	2,484	5,040	1,233	11,458	1,253	1,190	1,515	2,089	2,174	1,012	9,233
NEVADA	-	-	132	29	2,167	-	2,328	1,007	125	180	138	1,005	-	2,455
NEW HAMPSHIRE	-	90	321	343	459	19	1,235	126	260	440	274	130	-	1,230
NEW JERSEY	-	15	493	113	845	268	1,734	9	64	336	330	455	60	1,254
NEW MEXICO	10	89	831	292	2,303	676	4,201	1	210	759	199	957	247	2,373
NEW YORK	-	225	2,170	2,476	1,376	46	6,293	697	2,360	4,877	1,834	1,020	11	10,799
NORTH CAROLINA	68	1,493	4,793	1,330	2,827	-	10,511	485	4,397	2,434	1,373	361	-	9,050
NORTH DAKOTA	-	312	1,014	1,432	8,132	217	11,107	933	912	1,945	1,860	1,662	56	7,488
OHIO 2/	565	3,711	4,537	1,770	1,197	13	11,793	1,585	3,182	1,733	383	132	109	7,124
OKLAHOMA	934	2,821	4,392	5,108	8,029	125	21,409	361	1,082	754	580	315	-	3,092
OREGON	136	885	3,660	2,526	2,526	80	9,643	1,937	854	1,944	1,263	1,328	1	7,327
PENNSYLVANIA	1,235	1,926	2,049	1,955	680	135	7,980	2,904	3,443	1,432	285	298	14	8,376
RHODE ISLAND	9	11	58	58	48	17	201	10	34	40	33	36	-	153
SOUTH CAROLINA	45	516	2,354	3,958	1,522	138	8,534	-	487	2,973	470	72	2	4,004
SOUTH DAKOTA	319	742	1,307	1,830	6,983	317	11,498	702	1,681	783	1,782	1,790	227	6,965
TENNESSEE	119	1,339	1,936	1,790	280	-	5,464	1,826	5,913	2,705	198	140	-	10,782
TEXAS	-	2,336	14,410	4,481	15,191	1,519	37,937	59	3,056	11,410	1,661	2,233	106	18,525
UTAH	192	67	184	260	2,457	-	3,160	912	607	789	474	1,068	120	4,170
VERMONT	-	191	590	809	286	37	1,913	279	338	348	21	-	-	986
VIRGINIA	2,798	2,178	3,890	1,215	91	34	10,206	1,185	894	277	29	14	-	2,399
WASHINGTON	85	385	2,330	1,796	2,288	465	7,349	237	769	2,564	1,596	1,227	287	5,680
WEST VIRGINIA	1,493	2,496	1,056	847	460	-	6,352	1,790	320	45	5	1	-	2,161
WISCONSIN	-	41	3,553	7,956	2,192	-	13,742	91	288	1,477	4,342	308	-	6,506
WYOMING	-	-	325	415	1,745	-	2,485	1,599	1,323	2,114	1,026	1,272	121	7,455
TOTAL	10,973	44,321	130,406	101,672	137,933	11,060	436,365	34,869	62,996	88,568	46,813	55,497	5,169	293,912
PERCENT/SYSTEM	2.5	10.2	29.9	23.3	31.6	2.5	100.0	11.9	21.4	30.1	15.9	18.9	1.8	100.0



# LANE WIDTH - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-53  
 SHEET 3 OF 4  
 SEPTEMBER 1991

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS							OTHER PRINCIPAL ARTERIAL						
	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 12	12	> 12		< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	247	-	247	-	-	-	-	21	-	21	-	-	87	111	787	23	1,008
ALASKA	-	51	-	51	-	-	-	-	-	-	-	2	-	3	10	84	7	106
ARIZONA	-	109	21	130	-	-	-	-	28	11	39	46	-	61	131	597	158	993
ARKANSAS	-	123	-	123	-	-	-	6	99	-	105	-	3	84	189	359	-	635
CALIFORNIA	42	941	-	983	-	-	1	26	1,233	3	1,263	2	22	218	794	4,785	120	5,941
COLORADO	-	146	3	149	-	-	-	7	149	6	164	-	-	148	178	532	71	929
CONNECTICUT	-	232	-	232	-	-	1	3	186	1	191	-	5	20	68	605	12	710
DELAWARE	-	39	2	41	-	-	-	-	1	-	1	-	-	10	17	80	29	136
DIST. OF COL.	-	12	-	12	-	2	2	3	13	4	24	-	5	38	30	19	7	99
FLORIDA	16	393	7	416	-	-	-	28	241	-	269	-	-	122	229	1,443	141	1,935
GEORGIA	30	316	26	372	-	-	1	1	130	16	148	-	11	87	126	768	476	1,468
HAWAII	3	35	-	38	-	-	2	7	41	3	53	-	5	25	25	35	4	94
IDAHO	-	75	-	75	-	-	-	-	-	-	-	-	-	7	3	158	16	184
ILLINOIS	-	546	-	546	-	-	-	3	80	-	83	2	10	235	328	1,513	284	2,372
INDIANA	-	285	-	285	-	-	-	1	111	-	112	-	21	99	133	849	244	1,346
IOWA	-	137	-	137	-	-	-	-	-	-	-	3	5	18	78	817	-	921
KANSAS	-	160	-	160	-	10	-	2	78	-	90	-	33	20	66	458	-	577
KENTUCKY	-	184	-	184	-	-	4	-	83	3	90	3	4	109	79	288	14	497
LOUISIANA	-	188	-	188	-	-	-	-	28	-	28	-	13	91	112	801	1	1,018
MAINE	-	53	-	53	-	-	-	-	12	2	14	-	-	13	19	130	61	223
MARYLAND	-	226	5	231	-	-	2	1	181	7	191	4	6	86	181	528	86	891
MASSACHUSETTS	3	392	2	397	-	-	7	9	247	11	274	-	6	144	85	688	922	1,845
MICHIGAN	1	454	-	455	-	-	-	6	194	-	200	-	-	249	493	1,145	60	1,952
MINNESOTA	-	217	-	217	-	-	-	-	138	-	138	-	-	5	26	541	13	585
MISSISSIPPI	-	124	-	124	-	-	-	-	34	-	34	-	-	46	87	447	20	600
MISSOURI	-	336	-	336	-	-	-	9	261	-	270	-	-	197	266	554	22	1,039
MONTANA	-	47	-	47	-	-	-	-	-	-	-	-	-	1	-	168	2	171
NEBRASKA	-	36	1	37	-	-	-	-	8	2	10	-	-	33	17	259	66	375
NEVADA	-	46	-	46	-	-	-	-	36	-	36	-	9	-	2	161	-	172
NEW HAMPSHIRE	-	43	1	44	-	-	-	-	33	-	33	-	-	5	4	145	36	190
NEW JERSEY	2	266	2	270	-	-	-	39	235	1	269	1	-	171	91	699	394	1,356
NEW MEXICO	-	93	1	94	3	-	-	-	-	3	3	-	-	47	23	354	35	459
NEW YORK	-	606	40	646	-	-	33	65	647	7	752	-	22	369	219	1,494	303	2,407
NORTH CAROLINA	1	227	-	228	-	-	-	2	205	-	207	-	23	75	285	1,363	-	1,746
NORTH DAKOTA	-	40	-	40	-	-	-	-	-	-	-	-	-	1	2	150	2	155
OHIO	-	725	-	725	-	-	-	21	341	5	367	3	69	356	339	1,154	236	2,157
OKLAHOMA	-	205	2	207	-	-	-	1	189	19	189	19	19	85	99	358	202	782
OREGON	-	132	-	132	-	-	-	-	54	1	55	-	4	17	73	439	32	565
PENNSYLVANIA	-	403	-	403	-	-	-	5	19	357	384	4	49	527	706	1,296	233	2,815
RHODE ISLAND	-	49	-	49	-	-	-	9	55	-	64	-	-	47	50	150	101	348
SOUTH CAROLINA	4	114	-	118	-	-	-	-	34	-	34	-	-	34	61	540	54	689
SOUTH DAKOTA	-	47	-	47	-	-	-	-	3	-	3	-	-	9	4	156	1	170
TENNESSEE	-	282	-	282	-	-	-	-	-	-	-	-	16	124	299	869	17	1,325
TEXAS	-	947	-	947	-	-	2	15	806	3	826	1	28	166	505	2,884	360	3,944
UTAH	-	146	-	146	-	-	-	-	13	-	13	-	-	2	4	242	-	248
VERMONT	-	34	-	34	-	-	-	1	11	3	15	3	2	9	13	65	17	109
VIRGINIA	1	296	-	299	-	-	7	11	134	35	187	-	3	203	224	426	146	1,002
WASHINGTON	3	237	2	240	-	-	-	4	188	-	192	-	16	104	390	724	25	1,259
WEST VIRGINIA	-	90	-	90	-	-	4	7	58	1	70	1	6	45	33	131	-	216
WISCONSIN	-	124	-	124	-	-	-	-	156	-	156	3	-	51	141	855	-	1,056
WYOMING	-	31	19	50	-	-	-	-	3	-	3	-	-	-	18	126	23	167
TOTAL	106	11,287	134	11,527	3	12	71	300	7,135	149	7,670	97	426	4,703	7,466	34,219	5,076	51,987
PERCENT/SYSTEM	0.9	97.9	1.2	100.0	-	0.2	0.9	3.9	93.1	1.9	100.0	0.2	0.8	9.0	14.4	65.8	9.8	100.0

## LANE WIDTH - URBAN - 1990<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-53  
 SHEET 4 OF 4  
 SEPTEMBER 1991

STATE	MINOR ARTERIAL							COLLECTOR						
	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	82	582	323	472	152	1,611	25	183	699	229	368	203	1,707
ALASKA	-	-	3	29	48	1	81	7	-	11	16	105	25	164
ARIZONA	-	-	15	120	758	117	1,010	4	35	78	119	1,164	250	1,650
ARKANSAS	3	88	270	291	344	-	996	50	116	423	85	321	11	1,006
CALIFORNIA	19	11	594	601	6,419	668	8,312	104	339	924	442	5,249	689	7,747
COLORADO	-	4	157	155	728	96	1,140	11	32	133	231	562	187	1,156
CONNECTICUT	-	10	78	72	629	160	949	133	207	323	215	692	346	1,916
DELAWARE	10	11	33	12	42	28	136	11	25	58	4	28	42	168
DIST. OF COL.	3	10	47	65	25	2	152	12	15	68	23	34	4	156
FLORIDA	-	11	224	207	1,777	186	2,405	26	253	1,494	636	1,878	493	4,780
GEORGIA	4	68	282	300	833	625	2,112	1	103	353	257	495	599	1,808
HAWAII	-	3	59	19	23	13	117	6	12	80	18	21	43	180
IDAHO	-	2	18	50	303	24	397	1	3	41	20	297	23	385
ILLINOIS	14	87	823	545	1,352	366	3,187	94	238	765	507	1,279	408	3,291
INDIANA	61	231	692	421	613	270	2,288	61	471	731	228	298	172	1,961
IOWA	4	25	31	188	1,037	-	1,285	4	18	50	122	853	-	1,047
KANSAS	-	265	201	102	470	-	1,038	-	443	81	101	145	-	770
KENTUCKY	29	193	341	214	247	70	1,094	83	236	256	155	105	67	902
LOUISIANA	1	8	390	203	509	-	1,111	-	201	570	121	226	28	1,146
MAINE	2	11	71	41	102	70	297	2	29	133	53	75	102	394
MARYLAND	7	38	168	154	381	210	958	97	105	302	139	363	168	1,174
MASSACHUSETTS	7	4	238	340	756	1,074	2,419	102	88	674	216	802	843	2,725
MICHIGAN	15	25	671	1,134	1,351	393	3,589	49	107	662	908	762	302	2,790
MINNESOTA	-	-	60	94	1,377	15	1,546	1	2	89	111	1,616	24	1,843
MISSISSIPPI	3	39	238	129	204	68	681	5	79	360	81	183	55	763
MISSOURI	-	45	429	370	667	116	1,627	38	133	515	277	367	167	1,497
MONTANA	-	-	7	12	190	2	211	2	4	8	12	200	-	226
NEBRASKA	15	11	76	81	299	55	537	58	16	64	57	147	63	405
NEVADA	-	2	8	2	330	-	342	-	-	46	-	386	-	432
NEW HAMPSHIRE	4	18	28	71	197	37	355	37	15	64	61	135	30	342
NEW JERSEY	-	53	492	360	1,131	852	2,888	81	47	296	408	345	742	1,919
NEW MEXICO	-	7	65	44	152	63	331	2	1	22	32	164	64	285
NEW YORK	5	38	648	731	2,272	474	4,168	106	399	887	996	1,002	553	3,943
NORTH CAROLINA	23	381	307	244	1,249	-	2,204	29	300	288	125	633	-	1,375
NORTH DAKOTA	3	1	4	18	242	2	270	2	-	12	21	191	-	226
OHIO 2/	31	364	646	415	1,171	165	2,792	261	702	1,303	363	1,159	358	4,146
OKLAHOMA	29	147	413	276	608	390	1,863	12	178	198	152	210	456	1,206
OREGON	-	19	154	275	509	61	1,018	20	72	231	205	355	92	975
PENNSYLVANIA	38	192	824	730	828	210	2,822	278	590	1,108	556	507	152	3,191
RHODE ISLAND	-	-	10	50	95	136	291	16	71	105	72	114	120	498
SOUTH CAROLINA	-	10	159	182	477	68	896	12	86	502	151	300	108	1,159
SOUTH DAKOTA	3	6	9	28	182	4	232	7	-	7	17	81	2	114
TENNESSEE	9	7	135	261	542	16	970	30	165	495	433	613	75	1,811
TEXAS	3	50	792	1,023	3,452	264	5,584	129	392	1,189	1,027	3,217	929	6,883
UTAH	-	1	4	6	413	5	429	-	3	12	31	430	-	476
VERMONT	1	11	14	53	34	17	130	3	26	69	30	23	27	178
VIRGINIA	20	124	466	352	454	226	1,642	70	302	493	155	197	187	1,404
WASHINGTON	13	85	336	453	696	126	1,709	29	128	539	522	469	90	1,777
WEST VIRGINIA	19	69	89	53	98	-	328	59	118	79	36	112	-	404
WISCONSIN	12	13	215	530	1,136	-	1,906	18	66	433	280	630	-	1,427
WYOMING	-	1	6	11	112	70	200	-	2	29	42	156	91	320
TOTAL	410	2,881	12,622	12,440	38,336	7,967	74,656	2,188	7,156	18,352	11,098	30,064	9,390	78,248
PERCENT/SYSTEM	0.5	3.9	16.9	16.7	51.3	10.7	100.0	2.8	9.1	23.5	14.2	38.4	12.0	100.0

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

# TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-55  
 SHEET 1 OF 4  
 SEPTEMBER 1991

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					DEGREE OF ACCESS CONTROL 3/						DEGREE OF ACCESS CONTROL 3/						
	4 LANES	> 4 LANES	NONE	PARTIAL	FULL	TOTAL	NONE	PARTIAL	FULL	TOTAL								
ALABAMA	637	5	-	642	1,348	529	3	-	532	114	1,994	3,756	31	-	-	31	107	3,894
ALASKA	-	-	1,038	1,038	50	-	3	-	3	-	53	899	-	-	-	-	3	902
ARIZONA	1,039	-	-	1,039	924	27	9	-	36	77	1,037	2,049	57	-	-	57	75	2,181
ARKANSAS	418	1	-	419	1,668	37	7	107	151	112	1,931	3,160	-	-	-	-	7	3,167
CALIFORNIA	1,138	278	-	1,416	1,773	66	357	536	959	200	2,932	6,365	34	54	54	142	89	6,596
COLORADO	774	19	-	793	1,434	-	180	13	193	274	1,901	1,870	-	26	-	26	51	1,947
CONNECTICUT	81	28	-	109	128	-	-	94	94	4	226	448	-	-	-	-	24	472
DELAWARE	-	-	-	-	59	63	28	-	91	4	154	162	12	9	-	21	-	163
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	999	11	-	1,010	1,354	1,199	-	68	1,267	57	2,678	3,168	211	-	30	241	-	3,409
GEORGIA	762	111	-	873	1,909	402	44	6	452	344	2,705	5,552	162	-	2	164	158	5,874
HAWAII	-	5	-	5	8	4	-	-	4	1	13	373	3	-	-	3	11	367
IDAHO	504	-	26	530	1,510	-	73	-	73	65	1,648	1,006	3	-	-	3	18	1,027
ILLINOIS	1,386	29	-	1,415	1,616	13	224	885	1,122	3	2,741	4,844	56	170	-	226	11	5,081
INDIANA	828	35	-	863	562	380	150	-	530	10	1,102	2,551	466	51	-	517	66	3,134
IOWA	612	33	-	645	2,772	71	127	100	298	83	3,153	4,801	4	3	-	7	82	4,890
KANSAS	701	11	-	712	2,914	23	127	106	256	80	3,250	4,405	-	10	-	10	50	4,465
KENTUCKY	548	31	-	579	758	82	98	677	857	23	1,638	1,722	2	18	1	21	13	1,756
LOUISIANA	634	22	-	656	834	195	47	-	242	8	1,084	1,418	130	13	2	145	12	1,575
MAINE	306	7	-	313	725	-	-	8	8	3	736	1,064	-	-	-	-	24	1,088
MARYLAND	93	76	-	169	70	167	184	55	406	23	499	1,089	39	5	-	44	9	1,142
MASSACHUSETTS	103	67	-	170	164	-	6	63	69	9	242	737	1	-	-	1	31	769
MICHIGAN	667	105	-	772	1,936	84	-	330	414	48	2,398	3,771	24	-	20	44	54	3,869
MINNESOTA	672	16	-	688	2,683	376	247	6	629	45	3,357	5,296	16	-	-	16	11	5,323
MISSISSIPPI	560	-	-	560	1,037	239	221	58	518	21	1,576	3,976	120	41	-	161	-	4,137
MISSOURI	841	-	-	841	2,059	125	551	8	684	19	2,762	3,675	-	-	22	22	9	3,706
MONTANA	1,144	-	-	1,144	2,040	23	3	-	26	36	2,102	3,297	14	-	-	14	1	3,312
NEBRASKA	444	-	-	444	2,630	46	9	-	55	34	2,719	4,208	1	-	-	1	3	4,212
NEVADA	499	-	-	499	527	1	10	18	29	53	609	1,148	-	-	-	-	30	1,178
NEW HAMPSHIRE	153	22	5	180	267	-	-	19	19	33	319	641	3	-	-	3	20	664
NEW JERSEY	46	80	-	126	120	32	18	92	142	17	279	512	61	9	18	88	46	646
NEW MEXICO	896	10	-	906	1,033	190	-	-	190	153	1,376	2,136	85	-	-	85	72	2,293
NEW YORK	778	75	1	854	1,101	68	73	436	577	110	1,788	4,315	25	-	11	36	279	4,630
NORTH CAROLINA	698	11	-	709	1,334	240	95	245	580	89	2,003	1,781	109	40	22	171	87	2,039
NORTH DAKOTA	530	-	-	530	857	-	350	-	350	-	1,207	4,198	-	-	-	-	-	4,198
OHIO 4/	799	42	6	847	914	38	542	163	743	23	1,680	3,020	131	47	22	200	93	3,313
OKLAHOMA	723	-	-	723	1,368	275	83	98	456	55	1,879	2,901	213	9	2	224	95	3,220
OREGON	570	25	-	595	1,844	-	19	7	26	386	2,256	2,348	30	-	-	30	89	2,467
PENNSYLVANIA	1,158	8	-	1,166	906	227	32	448	707	175	1,788	5,427	119	74	35	228	311	5,966
RHODE ISLAND	21	-	-	21	42	9	7	-	16	16	74	80	2	-	-	2	10	92
SOUTH CAROLINA	673	-	-	673	964	495	14	26	535	20	1,519	3,097	262	-	-	262	78	3,437
SOUTH DAKOTA	631	-	-	631	2,053	95	118	-	213	52	2,318	3,359	4	3	-	7	21	3,387
TENNESSEE	713	67	-	780	784	190	3	41	234	61	1,059	3,974	127	-	-	127	67	4,168
TEXAS	2,246	36	-	2,282	4,895	1,622	410	139	2,171	837	7,903	6,021	397	13	3	413	480	6,914
UTAH	770	22	-	792	547	26	3	11	40	94	681	1,827	3	-	-	3	33	1,863
VERMONT	286	-	-	286	223	14	28	6	48	22	293	746	2	-	-	2	-	748
VIRGINIA	672	105	-	777	268	919	57	144	1,120	142	1,520	3,319	134	11	-	145	81	3,545
WASHINGTON	397	122	-	519	1,644	13	103	-	116	36	1,796	2,517	6	49	-	55	5	2,577
WEST VIRGINIA	406	21	-	427	316	103	59	10	172	24	512	1,634	73	20	-	93	1	1,728
WISCONSIN	469	47	-	516	2,628	23	128	472	623	38	3,289	4,583	29	59	26	114	371	5,068
WYOMING	863	-	-	863	1,003	2	-	-	2	18	1,023	2,078	9	-	-	9	9	2,096
TOTAL	30,888	1,583	1,076	33,547	60,573	8,733	4,850	5,495	19,078	4,151	83,802	137,324	3,210	734	270	4,214	3,197	144,735
PERCENT/SYSTEM	92.1	4.7	3.2	100.0	72.2	10.4	5.8	6.6	22.8	5.0	100.0	94.9	2.2	0.5	0.2	2.9	2.2	100.0

# TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-55  
 SHEET 2 OF 4  
 SEPTEMBER 1991

STATE	MAJOR COLLECTOR							MINOR COLLECTOR						
	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL
		DEGREE OF ACCESS CONTROL 3/			TOTAL				DEGREE OF ACCESS CONTROL 3/			TOTAL		
		NONE	PARTIAL	FULL					NONE	PARTIAL	FULL			
ALABAMA	11,485	93	-	-	93	3	11,581	6,971	-	-	-	-	-	6,971
ALASKA	1,904	-	-	-	-	-	1,904	905	-	-	-	-	-	905
ARIZONA	3,647	41	-	-	41	56	3,744	3,010	-	-	-	-	58	3,068
ARKANSAS	12,435	10	-	-	10	5	12,450	6,530	-	-	-	-	-	6,530
CALIFORNIA	12,714	127	32	-	159	48	12,921	9,883	4	-	-	4	4	9,891
COLORADO	7,181	-	42	-	42	79	7,302	11,730	2	-	-	2	393	12,065
CONNECTICUT	960	-	-	-	-	-	960	1,136	-	-	-	-	1	1,137
DELAWARE	592	17	-	-	17	-	609	152	-	-	-	-	-	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	4,652	34	-	-	34	-	4,686	4,972	46	-	-	46	177	5,195
GEORGIA	14,007	12	-	-	12	15	14,034	7,252	-	-	-	-	14	7,266
HAWAII	458	-	-	-	-	-	458	113	-	-	-	-	-	113
IDAHO	4,580	9	4	-	13	289	4,882	3,367	-	-	-	-	441	3,808
ILLINOIS	14,107	11	72	-	83	9	14,199	3,574	-	-	-	-	1	3,575
INDIANA	9,383	58	-	-	58	313	9,754	10,303	-	-	-	-	-	10,303
IOWA	13,514	-	-	-	-	53	13,567	16,306	-	-	-	-	93	16,399
KANSAS	22,684	34	-	-	34	10	22,728	9,318	-	3	-	3	-	9,321
KENTUCKY	7,200	5	-	10	15	-	7,215	9,271	-	-	-	-	1	9,272
LOUISIANA	6,972	351	-	-	351	29	7,352	4,305	-	-	-	-	-	4,305
MAINE	3,276	-	-	-	-	-	3,276	2,254	-	-	-	-	-	2,254
MARYLAND	1,877	-	26	-	26	8	1,911	1,886	7	-	-	7	-	1,893
MASSACHUSETTS	1,966	-	-	-	-	41	2,007	1,951	-	-	-	-	-	1,951
MICHIGAN	16,999	-	-	-	-	202	17,201	7,471	-	-	-	-	12	7,483
MINNESOTA	16,680	23	-	-	23	1	16,604	11,878	-	-	-	-	-	11,878
MISSISSIPPI	11,684	6	14	-	20	-	11,704	2,909	-	-	-	-	-	2,909
MISSOURI	18,043	17	25	-	42	17	18,102	5,430	-	-	-	-	-	5,430
MONTANA	6,681	-	-	-	-	-	6,681	8,886	-	-	-	-	-	8,886
NEBRASKA	11,456	-	2	-	2	-	11,458	9,233	-	-	-	-	365	9,251
NEVADA	2,291	37	-	-	37	-	2,328	2,450	-	-	-	-	5	2,455
NEW HAMPSHIRE	1,232	3	-	-	3	-	1,235	1,228	-	-	-	-	2	1,230
NEW JERSEY	1,671	12	-	-	12	51	1,734	1,252	-	-	-	-	2	1,254
NEW MEXICO	4,050	99	-	-	99	52	4,201	2,359	9	-	-	9	5	2,373
NEW YORK	6,290	3	-	-	3	-	6,293	10,799	-	-	-	-	-	10,799
NORTH CAROLINA	10,233	13	-	-	13	265	10,511	9,049	-	-	-	-	1	9,050
NORTH DAKOTA	11,107	-	-	-	-	-	11,107	7,488	-	-	-	-	-	7,488
OHIO 4/	11,290	5	223	15	243	260	11,793	7,124	-	-	-	-	-	7,124
OKLAHOMA	21,219	145	18	4	167	23	21,409	3,092	-	-	-	-	-	3,092
OREGON	9,580	11	-	-	11	52	9,643	7,327	-	-	-	-	-	7,327
PENNSYLVANIA	7,454	-	-	-	-	526	7,980	6,359	-	-	-	-	17	6,376
RHODE ISLAND	190	5	-	-	5	6	201	153	-	-	-	-	-	153
SOUTH CAROLINA	8,319	88	-	-	88	127	8,534	4,004	-	-	-	-	-	4,004
SOUTH DAKOTA	11,498	-	-	-	-	-	11,498	6,964	-	-	-	-	-	6,965
TENNESSEE	5,431	11	-	-	11	22	5,464	10,744	38	-	-	38	-	10,782
TEXAS	37,056	406	33	45	484	397	37,937	18,478	7	-	-	7	40	18,525
UTAH	3,093	34	-	-	34	33	3,160	4,150	-	-	-	-	20	4,170
VERMONT	1,910	3	-	-	3	-	1,913	986	-	-	-	-	-	986
VIRGINIA	10,050	103	-	-	103	53	10,206	2,399	-	-	-	-	-	2,399
WASHINGTON	7,238	46	-	-	46	65	7,349	6,680	-	-	-	-	-	6,680
WEST VIRGINIA	6,351	-	-	-	-	1	6,352	2,161	-	-	-	-	-	2,161
WISCONSIN	13,732	10	-	-	10	-	13,742	6,506	-	-	-	-	-	6,506
WYOMING	2,458	-	-	-	-	27	2,485	7,361	-	-	-	-	94	7,455
TOTAL	430,780	1,882	491	74	2,447	3,138	436,365	292,109	114	3	-	117	1,686	293,912
PERCENT/SYSTEM	98.7	0.5	0.1	0.0	0.6	0.7	100.0	99.4	0.0	0.0	-	0.0	0.6	100.0

# TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-55  
 SHEET 3 OF 4  
 SEPTEMBER 1991

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/			DEGREE OF ACCESS CONTROL 3/				TOTAL					
	4 LANES	> 4 LANES	NONE	PARTIAL	FULL	TOTAL	NONE	PARTIAL	FULL	TOTAL								
ALABAMA	168	79	-	247	-	3	15	3	21	-	21	345	425	17	-	442	221	1,008
ALASKA	26	-	25	51	-	-	-	-	-	-	-	38	18	21	-	39	29	106
ARIZONA	90	40	-	130	-	-	2	36	38	1	39	247	281	21	-	302	444	993
ARKANSAS	83	40	-	123	11	-	45	48	93	1	105	354	23	28	1	52	229	635
CALIFORNIA	114	869	-	983	50	-	186	1,018	1,204	9	1,263	1,436	3,037	484	-	3,521	984	5,941
COLORADO	78	71	-	149	14	-	107	43	150	-	164	281	96	315	4	415	233	929
CONNECTICUT	69	163	-	232	4	-	8	179	187	-	191	488	62	10	1	73	149	710
DELAWARE	11	30	-	41	-	-	1	-	1	-	1	50	59	4	1	64	22	136
DIST. OF COL.	3	9	-	12	-	-	14	5	19	5	24	7	35	1	-	36	56	99
FLORIDA	260	153	3	416	13	-	3	248	251	5	269	295	1,510	41	-	1,551	89	1,935
GEORGIA	154	218	-	372	2	13	25	93	131	15	148	640	184	37	5	226	602	1,468
HAWAII	7	31	-	38	3	-	44	3	47	3	53	36	10	9	-	19	39	94
IDAHO	74	1	-	75	-	-	-	-	-	-	-	66	27	19	1	47	71	184
ILLINOIS	247	299	-	546	2	5	1	74	80	1	89	928	823	222	16	1,061	383	2,372
INDIANA	146	139	-	285	2	18	62	25	105	5	112	677	315	56	1	372	297	1,346
IOWA	97	40	-	137	-	-	-	-	-	-	-	355	161	50	24	235	331	921
KANSAS	107	53	-	160	3	-	51	35	86	1	90	328	57	66	14	137	112	577
KENTUCKY	100	84	-	184	10	-	16	57	73	7	90	205	131	64	1	196	96	497
LOUISIANA	109	79	-	188	-	7	13	8	28	-	28	407	333	75	25	433	178	1,018
MAINE	52	1	-	53	2	-	2	9	11	1	14	120	25	12	9	46	57	223
MARYLAND	66	164	1	231	7	1	46	131	178	6	191	290	988	49	7	444	157	891
MASSACHUSETTS	80	317	-	397	33	-	53	186	239	2	274	1,631	107	2	15	124	90	1,845
MICHIGAN	205	248	2	455	-	4	-	196	200	-	200	565	335	22	4	361	1,026	1,952
MINNESOTA	137	80	-	217	-	-	71	64	135	3	138	226	193	67	13	273	86	585
MISSISSIPPI	105	19	-	124	-	-	2	32	34	-	34	274	94	104	1	199	127	600
MISSOURI	129	207	-	336	39	-	122	98	220	11	270	431	135	97	-	232	376	1,039
MONTANA	47	-	-	47	-	-	-	-	-	-	-	65	60	2	1	63	43	171
NEBRASKA	26	11	-	37	6	-	2	2	4	-	10	145	139	10	4	153	77	375
NEVADA	27	19	-	46	-	-	13	23	36	-	36	13	116	2	-	118	41	172
NEW HAMPSHIRE	34	10	-	44	1	-	5	27	32	-	33	148	6	7	4	17	25	190
NEW JERSEY	64	206	-	270	1	-	30	236	266	2	269	695	369	80	38	487	174	1,356
NEW MEXICO	74	20	-	94	3	-	-	-	-	-	3	67	257	9	-	266	126	459
NEW YORK	291	355	-	646	10	5	198	526	729	13	752	1,129	530	175	13	718	560	2,407
NORTH CAROLINA	192	36	-	228	9	-	66	132	198	-	207	780	307	10	6	323	643	1,746
NORTH DAKOTA	40	-	-	40	-	-	-	-	-	-	-	65	23	15	-	38	52	155
OHIO 4/	422	295	8	725	4	11	206	143	360	3	367	1,091	141	176	17	334	732	2,157
OKLAHOMA	139	68	-	207	-	76	20	79	175	14	189	323	65	23	19	107	352	782
OREGON	82	50	-	132	1	1	14	30	45	9	55	242	36	30	1	67	256	565
PENNSYLVANIA	320	83	-	403	2	3	-	366	369	13	384	1,521	376	68	14	458	836	2,815
RHODE ISLAND	5	44	-	49	2	-	23	37	60	2	64	208	25	9	-	34	106	348
SOUTH CAROLINA	71	47	-	118	-	-	-	32	32	2	34	169	418	9	4	431	89	689
SOUTH DAKOTA	47	-	-	47	-	-	3	-	3	-	3	77	15	14	-	29	64	170
TENNESSEE	170	112	-	282	-	-	-	-	-	-	-	455	282	114	75	471	399	1,325
TEXAS	406	541	-	947	25	115	113	555	783	18	826	1,054	1,011	115	92	1,218	1,672	3,944
UTAH	44	102	-	146	2	-	10	1	11	-	13	77	105	29	6	140	31	248
VERMONT	34	-	-	34	7	-	5	2	7	1	15	90	3	-	-	3	16	109
VIRGINIA	159	136	4	299	14	29	-	103	132	41	187	321	317	42	13	372	309	1,002
WASHINGTON	94	146	-	240	12	7	48	93	148	32	192	565	119	23	9	151	543	1,259
WEST VIRGINIA	80	9	1	90	23	14	10	15	39	8	70	140	41	16	-	57	19	216
WISCONSIN	66	58	-	124	3	-	10	143	153	-	156	519	248	108	2	358	179	1,056
WYOMING	49	-	1	50	-	-	2	1	3	-	3	47	34	59	-	93	27	167
TOTAL	5,700	5,782	45	11,527	320	312	1,667	5,137	7,116	234	7,670	20,726	13,907	3,038	461	17,406	13,855	51,987
PERCENT/SYSTEM	49.4	50.2	0.4	100.0	4.1	4.1	21.8	66.9	92.8	3.1	100.0	39.8	26.7	5.9	0.9	33.5	26.7	100.0

Roadway Extent, Characteristics, and Performance

# TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-55  
 SHEET 4 OF 4  
 SEPTEMBER 1991

STATE	MINOR ARTERIAL						COLLECTOR							
	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			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	1,200	55	-	-	55	366	1,811	1,635	9	-	-	9	63	1,707
ALASKA	73	1	-	-	1	7	81	162	-	-	-	-	2	164
ARIZONA	523	172	-	-	172	315	1,010	1,498	11	-	-	11	141	1,650
ARKANSAS	893	-	-	-	-	103	996	970	20	2	-	22	14	1,006
CALIFORNIA	4,854	1,725	95	-	1,820	1,638	8,312	6,961	228	-	-	228	558	7,747
COLORADO	793	106	35	3	144	203	1,140	1,045	21	-	-	21	90	1,156
CONNECTICUT	824	16	1	-	17	108	949	1,830	-	-	-	-	86	1,916
DELAWARE	92	12	-	-	12	32	136	159	2	-	-	2	7	168
DIST. OF COL.	82	5	-	-	5	65	152	130	5	-	-	5	21	156
FLORIDA	1,118	1,047	17	-	1,064	223	2,405	4,307	305	-	4	309	164	4,780
GEORGIA	1,570	37	-	-	37	505	2,112	1,632	-	-	-	-	178	1,808
HAWAII	63	19	-	-	19	35	117	171	-	-	-	-	9	180
IDAHO	341	12	6	-	18	38	397	377	1	-	2	3	5	385
ILLINOIS	2,197	259	19	1	279	711	3,187	2,959	79	1	-	80	252	3,291
INDIANA	2,005	30	-	-	30	253	2,288	1,902	6	1	-	7	52	1,961
IOWA	912	24	-	-	24	349	1,285	891	2	-	-	2	154	1,047
KANSAS	891	115	17	-	132	15	1,038	764	1	1	-	2	4	770
KENTUCKY	916	64	20	-	84	94	1,094	881	6	-	-	6	15	902
LOUISIANA	896	131	-	-	131	84	1,111	1,025	62	-	-	62	59	1,146
MAINE	281	-	-	-	-	16	297	392	-	-	-	-	2	394
MARYLAND	632	200	13	-	213	113	958	905	50	-	-	50	219	1,174
MASSACHUSETTS	2,412	4	-	-	4	3	2,419	2,723	-	-	-	-	2	2,725
MICHIGAN	2,626	139	4	-	143	820	3,589	2,556	45	-	-	45	189	2,790
MINNESOTA	1,088	189	36	-	225	253	1,548	1,821	80	2	-	82	140	1,843
MISSISSIPPI	594	2	3	-	5	82	681	725	3	2	-	5	33	763
MISSOURI	1,198	20	13	-	33	396	1,627	1,447	-	-	-	-	50	1,497
MONTANA	191	3	4	-	7	13	211	222	3	-	-	3	1	226
NEBRASKA	444	40	-	-	40	53	537	391	6	-	-	6	8	405
NEVADA	150	40	-	-	40	152	342	345	32	-	-	32	55	432
NEW HAMPSHIRE	335	14	1	-	15	5	355	342	-	-	-	-	-	342
NEW JERSEY	2,652	11	-	-	11	225	2,888	1,815	9	-	-	9	95	1,919
NEW MEXICO	187	48	9	-	57	87	331	253	4	-	-	4	28	285
NEW YORK	3,401	290	89	20	399	368	4,168	3,647	42	5	-	47	249	3,943
NORTH CAROLINA	1,871	18	-	-	18	315	2,204	1,321	-	-	-	-	54	1,375
NORTH DAKOTA	236	1	6	-	7	27	270	224	-	-	-	-	2	226
OHIO 4/	2,079	100	48	9	157	556	2,792	3,789	13	-	-	13	344	4,146
OKLAHOMA	1,452	46	2	-	48	363	1,863	1,134	6	-	-	6	66	1,208
OREGON	813	17	-	-	17	188	1,018	915	-	-	-	-	60	975
PENNSYLVANIA	2,453	124	-	21	145	224	2,822	3,106	2	-	-	2	83	3,191
RHODE ISLAND	253	5	-	-	5	33	291	498	-	-	-	-	-	498
SOUTH CAROLINA	645	193	-	-	193	58	896	1,036	68	-	-	68	55	1,159
SOUTH DAKOTA	222	-	-	-	-	10	232	113	-	-	-	-	1	114
TENNESSEE	655	48	2	3	53	262	970	1,677	52	-	-	52	82	1,811
TEXAS	3,675	674	23	96	793	1,116	5,584	6,170	113	2	-	115	598	6,883
UTAH	254	112	15	-	127	48	429	394	61	-	-	61	21	476
VERMONT	127	-	-	-	-	3	130	178	-	-	-	-	-	178
VIRGINIA	1,148	285	-	17	302	192	1,642	1,300	52	2	-	54	50	1,404
WASHINGTON	1,225	50	1	-	51	433	1,709	1,678	5	-	-	5	94	1,777
WEST VIRGINIA	304	9	1	-	10	14	328	386	12	-	-	12	6	404
WISCONSIN	1,429	239	19	-	258	219	1,906	1,330	58	5	-	63	34	1,427
WYOMING	171	9	5	-	14	15	200	316	-	-	-	-	4	320
<b>TOTAL</b>	<b>55,426</b>	<b>6,760</b>	<b>504</b>	<b>170</b>	<b>7,434</b>	<b>11,796</b>	<b>74,656</b>	<b>72,248</b>	<b>1,474</b>	<b>27</b>	<b>2</b>	<b>1,503</b>	<b>4,497</b>	<b>78,248</b>
PERCENT/SYSTEM	74.2	9.1	0.7	0.2	10.0	15.8	100.0	92.4	1.9	0.0	0.0	1.9	5.7	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.

2/ INCLUDES 3 LANE ROADWAYS, ONE-WAY STREETS, UNDIVIDED 4 LANE HIGHWAYS, ETC.

3/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS

BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. 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/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

# AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-57  
 SHEET 1 OF 4  
 SEPTEMBER 1991

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	-	45	340	257	642	11	155	264	1,200	256	108	1,994	543	1,225	837	1,226	46	17	3,894
ALASKA	981	28	28	1	1,038	48	2	-	3	-	53	464	206	148	60	1	3	902	
ARIZONA	89	207	605	138	1,039	9	175	349	467	23	14	1,037	396	989	233	495	55	13	2,181
ARKANSAS	-	18	333	68	419	78	274	381	1,075	101	22	1,931	420	1,164	1,024	528	27	4	3,167
CALIFORNIA	-	237	936	843	1,416	5	258	106	1,488	379	696	2,932	1,773	982	1,268	1,994	262	317	6,596
COLORADO	102	427	145	119	793	118	668	306	734	53	22	1,901	924	510	152	264	71	26	1,947
CONNECTICUT	-	-	29	80	109	-	-	-	91	57	78	226	2	25	87	280	41	37	472
DELAWARE	-	-	-	-	-	-	-	-	14	43	97	154	-	5	10	96	64	6	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	31	7	408	564	1,010	-	14	188	1,463	483	530	2,678	254	428	851	1,566	254	56	3,409
GEORGIA	1	87	232	553	873	3	275	459	1,736	158	74	2,705	699	1,589	1,421	1,889	153	123	5,874
HAWAII	-	-	-	5	5	-	-	-	1	7	5	13	-	90	15	158	60	64	387
IDAHO	222	150	154	4	530	350	465	383	428	17	5	1,648	522	221	151	131	2	-	1,027
ILLINOIS	16	274	953	172	1,415	-	415	760	1,380	110	76	2,741	376	1,783	1,472	1,350	100	-	5,081
INDIANA	-	51	374	438	863	-	10	19	583	279	211	1,102	33	205	782	1,933	130	71	3,134
IOWA	18	197	278	152	645	161	680	776	1,507	29	-	3,153	1,614	1,893	962	419	2	-	4,890
KANSAS	103	368	234	7	712	291	862	866	1,150	54	27	3,250	2,016	1,560	615	269	5	-	4,465
KENTUCKY	-	67	184	328	579	47	186	1,140	168	50	50	1,638	86	390	476	756	48	-	1,756
LOUISIANA	27	1	404	224	656	30	80	123	692	88	71	1,084	22	340	522	622	32	37	1,575
MAINE	78	55	113	67	313	-	86	98	457	73	22	736	119	168	238	497	48	18	1,088
MARYLAND	-	-	1	168	169	-	-	4	64	135	296	499	-	89	162	659	132	100	1,142
MASSACHUSETTS	-	1	62	107	170	-	6	20	89	33	94	242	3	72	82	435	98	78	769
MICHIGAN	40	159	219	354	772	14	256	280	1,364	213	271	2,398	156	726	891	1,840	62	194	3,869
MINNESOTA	49	315	234	90	688	182	575	751	1,640	162	47	3,357	2,061	1,682	945	595	30	10	5,323
MISSISSIPPI	2	199	306	53	560	-	131	285	988	132	40	1,576	959	1,538	789	838	4	9	4,137
MISSOURI	14	112	383	332	841	41	261	358	1,661	331	110	2,762	1,013	916	707	1,011	43	16	3,706
MONTANA	850	272	22	-	1,144	609	883	246	349	13	3	2,102	2,565	576	61	110	-	-	3,312
NEBRASKA	104	7	295	38	444	490	1,194	414	595	24	2	2,719	2,048	1,414	619	125	3	3	4,212
NEVADA	208	180	71	40	499	-	278	180	99	20	32	609	615	375	52	128	7	1	1,178
NEW HAMPSHIRE	21	25	78	56	180	-	6	16	211	39	47	319	-	49	98	410	87	20	664
NEW JERSEY	-	14	112	126	-	-	4	59	33	183	279	-	-	37	378	170	61	646	
NEW MEXICO	251	199	394	62	906	112	473	370	347	51	23	1,376	1,188	688	150	247	12	8	2,293
NEW YORK	34	201	295	324	854	-	205	231	1,022	164	166	1,788	148	824	1,059	2,333	251	15	4,630
NORTH CAROLINA	-	34	196	479	709	12	55	176	1,242	335	183	2,003	179	379	394	920	111	56	2,039
NORTH DAKOTA	373	156	1	-	530	332	568	201	86	20	-	1,207	3,730	416	34	18	-	-	4,198
OHIO 2/	2	-	198	647	847	9	52	153	1,086	234	146	1,680	84	371	742	1,966	91	59	3,313
OKLAHOMA	32	83	557	51	723	195	297	426	830	118	13	1,879	299	1,295	942	648	12	24	3,220
OREGON	46	225	178	146	595	103	264	242	1,489	123	35	2,256	988	494	351	596	27	11	2,467
PENNSYLVANIA	-	10	783	373	1,166	-	50	113	768	371	486	1,788	483	1,079	1,318	2,760	279	47	5,966
RHODE ISLAND	-	-	-	21	21	1	3	9	38	10	13	74	4	5	15	55	9	4	92
SOUTH CAROLINA	-	-	253	420	673	16	154	341	717	168	123	1,519	420	646	1,077	1,091	165	38	3,437
SOUTH DAKOTA	359	229	43	-	631	944	777	332	256	9	-	2,318	2,763	466	90	67	1	-	3,387
TENNESSEE	13	2	272	493	780	17	67	90	679	145	61	1,059	413	772	932	1,843	155	53	4,168
TEXAS	393	660	803	426	2,282	466	1,247	1,229	4,081	505	375	7,903	1,498	2,160	1,258	1,921	66	13	6,914
UTAH	366	315	62	49	792	11	161	277	208	17	7	681	1,126	501	31	201	2	2	1,863
VERMONT	95	49	130	12	286	-	-	19	242	31	1	293	66	170	214	287	10	1	748
VIRGINIA	-	45	244	487	777	-	3	10	932	417	158	1,520	204	659	1,040	1,384	149	115	3,545
WASHINGTON	10	140	191	178	519	131	283	299	904	105	74	1,796	1,039	681	299	478	58	22	2,577
WEST VIRGINIA	20	73	199	135	427	7	-	2	393	66	44	512	152	500	320	688	37	31	1,728
WISCONSIN	-	18	311	187	516	-	293	690	2,018	147	141	3,289	938	1,506	1,394	1,162	43	25	5,068
WYOMING	499	348	16	-	863	130	632	137	123	1	-	1,023	1,146	734	98	118	-	-	2,096
TOTAL	5,449	6,277	11,961	9,860	33,547	4,973	13,640	13,168	40,189	6,550	5,282	83,802	36,569	35,566	27,446	39,848	3,509	1,808	144,735
PERCENT/SYSTEM	16.2	18.7	35.7	29.4	100.0	5.9	16.3	15.7	48.0	7.8	6.3	100.0	25.3	24.6	19.0	27.6	2.4	1.2	100.0

# AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-57  
 SHEET 2 OF 4  
 SEPTEMBER 1991

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	256	3,277	3,896	3,920	201	31	11,581	333	4,513	1,826	296	3	-	6,971
ALASKA	476	733	330	326	39	-	1,904	316	348	137	103	1	-	905
ARIZONA	346	762	674	1,526	374	62	3,744	1,909	879	122	158	-	-	3,068
ARKANSAS	717	4,757	2,838	4,020	100	18	12,450	2,319	3,735	343	133	-	-	6,530
CALIFORNIA	179	3,000	2,067	6,082	1,098	495	12,921	710	3,930	2,195	2,956	97	3	9,891
COLORADO	129	2,494	2,987	1,566	110	16	7,302	5,884	3,871	1,949	344	13	4	12,065
CONNECTICUT	-	-	8	691	198	63	960	10	303	327	483	13	1	1,137
DELAWARE	-	21	109	404	61	14	609	8	24	55	58	7	-	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	-	856	1,265	2,157	328	80	4,686	85	2,852	1,087	1,106	51	14	5,195
GEORGIA	456	4,088	2,599	6,443	354	94	14,034	866	2,947	2,147	1,288	18	-	7,266
HAWAII	-	58	80	224	61	35	458	-	21	18	52	14	8	113
IDAHO	669	2,609	720	835	44	5	4,882	2,383	1,169	193	63	-	-	3,808
ILLINOIS	278	5,467	2,552	5,663	216	23	14,199	429	2,405	504	224	11	2	3,575
INDIANA	97	1,672	2,294	4,696	491	504	9,754	1,420	6,633	560	1,673	17	-	10,303
IOWA	996	6,935	3,932	1,698	6	-	13,567	10,423	5,170	710	95	1	-	16,399
KANSAS	9,000	9,694	2,656	1,333	38	7	22,728	7,774	1,374	112	61	-	-	9,321
KENTUCKY	-	1,053	1,129	4,653	347	33	7,215	205	6,041	1,795	1,209	19	3	9,272
LOUISIANA	-	750	1,752	4,267	462	121	7,352	227	2,169	785	1,056	49	19	4,305
MAINE	-	209	970	1,958	127	12	3,276	27	810	754	657	6	-	2,254
MARYLAND	-	62	257	1,229	267	96	1,911	-	575	691	587	36	4	1,893
MASSACHUSETTS	55	301	337	1,167	126	21	2,007	264	1,104	223	360	-	-	1,951
MICHIGAN	523	3,453	3,238	8,960	863	164	17,201	532	3,954	1,838	1,149	10	-	7,483
MINNESOTA	1,410	7,161	4,796	3,153	76	8	16,604	3,531	7,289	698	354	6	-	11,878
MISSISSIPPI	712	6,135	2,563	2,077	178	39	11,704	603	1,679	453	168	6	-	2,909
MISSOURI	609	9,800	3,265	4,136	204	88	18,102	904	4,342	125	59	-	-	5,430
MONTANA	1,859	3,628	409	767	18	-	6,681	6,458	2,617	176	-	-	-	9,251
NEBRASKA	3,655	5,807	1,484	503	5	4	11,458	7,109	2,053	46	24	1	-	9,233
NEVADA	164	1,457	120	539	37	11	2,328	1,509	602	271	71	2	-	2,455
NEW HAMPSHIRE	-	32	140	897	143	23	1,235	-	389	452	373	16	-	1,230
NEW JERSEY	-	12	231	1,076	350	65	1,734	3	103	153	933	49	13	1,254
NEW MEXICO	839	1,769	808	701	62	22	4,201	1,128	908	176	147	14	-	2,373
NEW YORK	-	199	1,347	4,194	505	48	6,293	198	3,256	2,054	4,986	267	38	10,799
NORTH CAROLINA	-	512	830	7,595	1,290	284	10,511	64	2,319	3,325	3,170	162	10	9,050
NORTH DAKOTA	3,958	6,484	581	84	-	-	11,107	5,982	1,503	3	-	-	-	7,488
OHIO 2/	-	1,588	2,371	7,041	703	90	11,793	483	3,193	1,783	1,589	76	-	7,124
OKLAHOMA	5,865	7,449	3,137	4,725	192	41	21,409	1,904	974	172	42	-	-	3,092
OREGON	1,275	3,680	2,238	2,314	98	38	9,643	3,825	2,249	997	256	-	-	7,327
PENNSYLVANIA	420	1,024	1,459	4,432	532	113	7,980	351	3,017	2,691	2,245	60	12	8,376
RHODE ISLAND	-	21	36	130	14	-	201	-	37	54	62	-	-	153
SOUTH CAROLINA	46	1,537	2,896	3,533	444	78	8,534	310	2,402	947	336	-	9	4,004
SOUTH DAKOTA	4,411	6,127	679	235	17	29	11,498	5,671	1,258	29	7	-	-	6,965
TENNESSEE	-	1,825	808	2,549	225	57	5,464	986	6,323	1,928	1,475	64	6	10,782
TEXAS	1,366	13,644	10,577	11,274	817	259	37,937	3,701	11,905	2,011	891	12	5	18,525
UTAH	447	1,525	633	489	62	4	3,160	2,574	1,197	262	137	-	-	4,170
VERMONT	34	212	546	1,052	63	6	1,913	62	693	215	16	-	-	986
VIRGINIA	-	3,224	2,115	4,251	503	113	10,206	-	1,536	622	230	8	3	2,399
WASHINGTON	1,116	2,626	871	1,906	645	185	7,349	2,195	2,743	627	915	164	36	6,680
WEST VIRGINIA	27	1,067	1,440	3,491	286	41	6,352	273	1,162	541	182	3	-	2,161
WISCONSIN	-	4,728	5,677	3,202	117	18	13,742	940	4,010	1,249	303	4	-	6,506
WYOMING	79	1,733	342	324	7	-	2,485	3,668	3,722	51	14	-	-	7,455
TOTAL	42,469	147,257	89,089	140,488	13,504	3,558	436,365	90,556	128,308	40,428	33,136	1,303	181	293,912
PERCENT/SYSTEM	9.7	33.8	20.4	32.2	3.1	0.8	100.0	30.8	43.6	13.8	11.3	0.4	0.1	100.0



# AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-57  
 SHEET 3 OF 4  
 SEPTEMBER 1991

STATE	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
ALABAMA	22	108	79	28	10	247	-	10	5	6	-	21	-	35	105	245	354	269	1,008
ALASKA	14	25	12	-	-	51	-	-	-	-	-	-	-	7	2	12	52	33	106
ARIZONA	24	38	14	26	28	130	-	14	11	6	6	39	-	90	47	105	259	492	993
ARKANSAS	14	66	23	19	1	123	55	42	6	2	-	105	5	45	76	230	217	60	635
CALIFORNIA	12	36	99	169	667	983	85	203	373	197	405	1,263	57	104	196	539	1,424	3,621	5,941
COLORADO	17	35	34	35	28	149	36	67	53	4	4	164	11	72	49	192	340	265	929
CONNECTICUT	2	21	49	102	58	232	15	92	77	-	-	191	-	5	15	142	396	152	710
DELAWARE	-	9	10	18	4	41	-	1	-	-	-	1	-	2	-	7	50	77	136
DIST. OF COL.	-	-	1	5	6	12	1	11	5	4	3	24	-	-	-	-	15	84	99
FLORIDA	16	99	106	90	105	416	51	77	94	26	21	269	-	1	22	129	494	1,289	1,935
GEORGIA	6	103	94	77	92	372	46	64	24	6	8	148	-	43	113	395	554	423	1,468
HAWAII	4	-	3	14	17	38	2	26	23	2	-	53	-	-	8	28	57	94	94
IDAHO	25	40	10	-	-	75	-	-	-	-	-	-	1	4	1	59	76	32	184
ILLINOIS	56	187	68	87	148	546	33	22	16	2	10	83	5	48	108	436	863	892	2,372
INDIANA	12	112	74	71	16	285	36	56	20	-	-	112	3	55	92	361	535	300	1,346
IOWA	30	71	28	8	-	137	-	-	-	-	-	-	17	120	119	352	253	60	921
KANSAS	43	63	24	22	8	160	48	27	15	-	-	90	2	28	48	180	246	73	577
KENTUCKY	1	71	46	58	8	184	63	12	15	-	-	90	-	11	22	114	207	143	497
LOUISIANA	16	74	53	27	18	188	2	18	-	6	-	28	11	92	84	304	234	233	1,018
MAINE	17	26	10	-	-	53	6	6	-	-	-	14	-	-	13	51	123	36	223
MARYLAND	2	8	49	62	110	231	17	84	62	26	2	191	11	23	22	99	218	518	891
MASSACHUSETTS	-	66	131	123	77	397	18	105	83	64	4	274	2	4	53	285	1,286	215	1,845
MICHIGAN	14	97	149	95	100	455	30	67	65	10	28	200	1	23	49	291	734	794	1,852
MINNESOTA	16	36	81	56	28	217	7	48	62	21	-	138	1	37	77	165	193	112	585
MISSISSIPPI	18	91	9	8	-	124	34	-	-	-	-	34	1	14	83	196	235	71	600
MISSOURI	35	57	72	100	72	336	102	118	45	5	-	270	-	36	50	194	417	342	1,039
MONTANA	47	-	-	9	3	47	-	3	-	-	-	-	1	14	18	51	65	22	171
NEBRASKA	5	14	6	-	-	37	5	3	2	-	-	10	-	14	42	114	116	89	375
NEVADA	7	12	8	12	7	46	12	3	7	2	12	36	-	-	4	13	56	97	172
NEW HAMPSHIRE	-	20	16	8	-	44	-	21	5	7	-	39	-	-	1	40	117	32	190
NEW JERSEY	4	27	62	98	79	270	22	71	82	58	36	269	-	16	12	190	648	590	1,356
NEW MEXICO	40	26	11	9	8	94	3	-	-	-	-	3	3	19	37	101	155	144	459
NEW YORK	31	222	146	140	107	646	132	224	198	75	123	752	-	25	109	391	985	897	2,407
NORTH CAROLINA	7	89	93	34	5	228	32	117	42	16	-	207	15	40	117	466	759	349	1,746
NORTH DAKOTA	29	9	2	-	-	40	-	-	-	-	-	-	-	28	20	48	44	15	155
OHIO 2/	11	196	252	184	62	725	127	184	32	24	-	367	-	56	230	497	958	416	2,157
OKLAHOMA	27	72	45	59	4	207	81	47	45	16	-	189	15	54	78	228	290	117	782
OREGON	22	25	31	41	13	132	3	23	15	12	2	55	-	19	38	119	215	174	565
PENNSYLVANIA	20	153	128	76	26	403	95	179	93	17	-	384	4	70	162	627	1,149	813	2,815
RHODE ISLAND	-	15	12	5	17	49	17	41	6	-	-	64	2	8	35	79	143	81	348
SOUTH CAROLINA	6	34	38	35	5	118	10	14	10	-	-	34	1	16	23	197	252	260	689
SOUTH DAKOTA	29	18	-	-	-	47	2	1	-	-	-	3	-	23	29	57	45	16	170
TENNESSEE	7	72	86	98	19	282	-	-	-	-	-	-	-	18	46	274	489	498	1,325
TEXAS	94	191	220	251	191	947	139	294	203	85	111	826	55	186	325	953	1,563	862	3,944
UTAH	20	26	53	35	12	146	5	1	5	2	-	13	4	11	9	44	80	100	248
VERMONT	8	24	2	-	-	34	11	4	-	-	-	15	-	-	9	44	46	10	109
VIRGINIA	5	71	55	100	68	299	72	61	40	11	3	187	-	11	28	198	282	483	1,002
WASHINGTON	9	40	53	54	84	240	37	81	54	20	-	192	18	83	91	277	440	350	1,259
WEST VIRGINIA	1	68	14	7	-	90	18	50	2	-	-	70	-	5	9	52	103	47	216
WISCONSIN	9	41	26	21	27	124	47	54	40	9	6	166	-	12	100	357	415	172	1,056
WYOMING	48	2	-	-	-	50	3	-	40	-	-	3	3	23	24	61	51	5	167
TOTAL	900	3,006	2,687	2,576	2,358	11,527	1,554	2,646	1,937	748	786	7,670	249	1,850	3,046	10,449	19,311	17,282	51,987
PERCENT/SYSTEM	7.8	26.1	23.3	22.3	20.5	100.0	20.3	34.4	25.3	9.8	0.2	100.0	0.5	3.2	5.9	20.1	37.1	33.2	100.0

Roadway Extent, Characteristics, and Performance

# AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57  
SHEET 4 OF 4  
SEPTEMBER 1991

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

STATE	MINOR ARTERIAL							COLLECTOR						
	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER		LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER	
ALABAMA	52	606	269	398	226	60	1,611	239	875	306	235	45	7	1,707
ALASKA	25	9	8	26	13	-	81	47	88	6	19	4	-	164
ARIZONA	112	132	161	220	253	132	1,010	732	557	137	115	86	23	1,650
ARKANSAS	155	344	170	215	103	9	996	489	315	142	56	4	-	1,006
CALIFORNIA	298	937	962	2,254	2,719	1,142	8,312	999	3,010	1,526	1,660	488	64	7,747
COLORADO	145	303	215	310	161	6	1,140	273	624	107	136	16	-	1,156
CONNECTICUT	20	124	124	365	288	28	949	385	642	417	357	112	3	1,916
DELAWARE	4	13	8	42	63	6	136	17	43	34	48	20	6	168
DIST. OF COL.	-	-	2	35	99	16	152	-	14	56	73	12	1	156
FLORIDA	4	131	119	547	898	706	2,405	385	1,350	1,083	1,264	593	105	4,780
GEORGIA	40	292	361	603	595	221	2,112	124	599	259	599	217	10	1,808
HAWAII	-	5	4	28	56	24	117	2	26	40	71	39	2	180
IDAHO	33	104	71	111	74	4	397	93	194	54	37	7	-	385
ILLINOIS	48	453	439	834	1,001	412	3,187	517	941	440	676	622	95	3,291
INDIANA	64	719	516	527	411	51	2,288	757	717	251	185	43	8	1,961
IOWA	241	434	262	281	64	3	1,285	463	435	100	44	5	-	1,047
KANSAS	57	287	195	209	278	12	1,038	224	363	28	148	7	-	770
KENTUCKY	27	162	178	344	306	77	1,094	105	317	161	257	58	4	902
LOUISIANA	43	199	221	336	229	83	1,111	271	283	277	262	53	-	1,146
MAINE	4	42	62	120	67	2	297	55	196	90	46	7	-	394
MARYLAND	34	129	99	282	294	120	958	234	347	200	275	93	25	1,174
MASSACHUSETTS	11	231	492	1,656	27	2	2,419	102	1,629	967	24	3	-	2,725
MICHIGAN	129	610	686	1,120	903	241	3,589	490	1,011	641	470	144	34	2,790
MINNESOTA	65	348	192	383	415	143	1,646	513	562	261	363	127	17	1,843
MISSISSIPPI	27	217	163	212	60	2	681	165	359	114	102	23	-	763
MISSOURI	105	348	258	486	225	206	1,627	401	508	300	251	36	1	1,497
MONTANA	30	67	40	57	17	-	211	41	73	96	15	1	-	226
NEBRASKA	27	140	95	155	101	19	537	72	190	56	70	17	-	405
NEVADA	18	35	37	96	90	66	342	211	69	14	97	41	-	432
NEW HAMPSHIRE	23	50	85	117	61	19	355	87	157	46	47	5	-	342
NEW JERSEY	109	300	503	1,001	874	101	2,888	114	715	415	553	120	2	1,919
NEW MEXICO	22	71	44	92	82	20	331	48	86	43	76	29	3	285
NEW YORK	19	115	593	1,429	1,481	531	4,168	495	1,493	663	995	297	-	3,943
NORTH CAROLINA	39	516	511	677	394	67	2,204	582	417	199	148	26	3	1,375
NORTH DAKOTA	64	77	49	61	19	-	270	79	91	34	21	1	-	226
OHIO 2/	22	479	646	988	599	58	2,792	390	1,475	1,004	943	307	27	4,146
OKLAHOMA	310	573	214	445	249	72	1,863	500	457	132	95	20	2	1,206
OREGON	48	227	160	282	271	30	1,018	175	367	201	167	56	9	975
PENNSYLVANIA	53	485	483	1,006	718	97	2,822	475	1,096	717	716	177	10	3,191
RHODE ISLAND	9	32	52	69	101	28	291	188	174	56	43	33	4	498
SOUTH CAROLINA	23	160	134	264	245	70	896	235	471	194	192	52	15	1,159
SOUTH DAKOTA	59	90	27	48	7	1	232	52	36	15	9	2	-	114
TENNESSEE	15	67	144	330	325	89	970	384	671	365	259	118	14	1,811
TEXAS	572	1,112	859	1,533	1,239	269	5,584	2,073	2,232	1,319	910	268	81	6,883
UTAH	8	47	76	78	136	84	429	65	132	73	122	77	7	476
VERMONT	4	32	26	41	25	1	130	44	75	33	22	4	-	178
VIRGINIA	14	143	211	621	533	220	1,642	158	459	371	325	85	6	1,404
WASHINGTON	107	284	275	515	351	177	1,709	344	666	287	373	94	13	1,777
WEST VIRGINIA	18	57	55	104	84	10	328	95	142	80	63	24	-	404
WISCONSIN	7	486	362	585	397	79	1,906	403	660	217	135	12	-	1,427
WYOMING	26	77	40	50	7	-	200	115	147	34	23	1	-	320
TOTAL	3,389	12,801	11,928	22,488	18,235	5,815	74,656	15,507	28,556	14,661	14,192	4,731	601	78,248
PERCENT/SYSTEM	4.5	17.1	16.0	30.2	24.4	7.8	100.0	19.8	36.6	18.7	18.1	6.0	0.8	100.0

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

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

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

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-59  
 SHEET 1 OF 4  
 SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE					OTHER PRINCIPAL ARTERIAL							MINOR ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME					AVERAGE DAILY TRAFFIC VOLUME							AVERAGE DAILY TRAFFIC VOLUME						
	LESS THAN 6,000	6,000- 9,999	10,000- 19,999	20,000 AND OVER	TOTAL	LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 9,999	10,000- 14,999	15,000 AND OVER	TOTAL	LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 9,999	10,000- 14,999	15,000 AND OVER	TOTAL
<b>UNDIVIDED:</b>																			
LESS THAN 9 FEET	-	-	-	-	-	3	-	6	1	-	-	10	118	137	77	2	4	-	338
9 FEET	64	-	-	-	64	42	124	48	89	-	303	680	1,312	676	483	38	27	3,216	
10 FEET	42	-	-	-	42	126	351	397	911	114	42	1,941	4,726	5,002	3,370	4,423	160	33	
11 FEET	83	-	-	-	83	465	1,477	1,305	4,180	293	135	7,855	6,276	6,915	6,519	7,753	643	114	
12 FEET	851	-	54	33	965	3,703	10,734	9,963	23,624	1,675	529	50,228	23,836	20,275	15,630	22,975	1,430	828	
GREATER THAN 12 FEET	-	-	-	-	-	591	637	701	1,907	132	45	4,013	933	1,872	945	1,462	257	101	
<b>TOTAL UNDIVIDED</b>	<b>1,040</b>	<b>27</b>	<b>54</b>	<b>33</b>	<b>1,154</b>	<b>4,930</b>	<b>13,323</b>	<b>12,420</b>	<b>30,712</b>	<b>2,214</b>	<b>751</b>	<b>64,350</b>	<b>36,569</b>	<b>35,513</b>	<b>27,217</b>	<b>37,098</b>	<b>2,532</b>	<b>1,103</b>	<b>140,032</b>
<b>DIVIDED:</b>																			
<b>NO ACCESS CONTROL:</b>																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	5	-	5	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	1	-	57	82	52	192	-	-	88	27	12	127	
11 FEET	-	-	-	-	-	-	-	8	107	59	136	310	4	26	166	68	58	322	
12 FEET	-	-	-	-	-	2	158	190	4,200	1,747	1,942	8,239	16	172	1,907	565	421	3,081	
GREATER THAN 12 FEET	-	-	-	-	-	-	4	101	68	68	21	194	8	5	39	-	25	78	
<b>SUBTOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>159</b>	<b>202</b>	<b>4,470</b>	<b>1,956</b>	<b>2,151</b>	<b>8,940</b>	<b>-</b>	<b>28</b>	<b>204</b>	<b>2,200</b>	<b>660</b>	<b>516</b>	<b>3,608</b>
<b>PARTIAL ACCESS CONTROL: 2/</b>																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	7	18	-	25	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	22	16	63	108	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	2	5	5	22	16	63	108	-	-	-	-	-	-	-
12 FEET	-	6	12	6	24	154	313	2,261	1,150	922	4,800	83	15	24	493	245	99	816	
GREATER THAN 12 FEET	-	-	-	-	-	2	1	43	34	3	83	-	-	-	7	-	2	9	
<b>SUBTOTAL</b>	<b>-</b>	<b>6</b>	<b>12</b>	<b>6</b>	<b>24</b>	<b>158</b>	<b>319</b>	<b>2,333</b>	<b>1,218</b>	<b>988</b>	<b>5,016</b>	<b>-</b>	<b>15</b>	<b>24</b>	<b>440</b>	<b>245</b>	<b>101</b>	<b>825</b>	
<b>FULL ACCESS CONTROL: 2/</b>																			
LESS THAN 9 FEET	3	28	-	2	33	-	-	-	5	-	5	-	-	-	-	-	-	-	-
9 FEET	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	11	7	-	18	-	-	-	-	-	40	40	-	-	-	-	-	-	-
11 FEET	-	-	4	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	4,406	6,073	11,678	9,705	31,862	-	41	-	227	2,674	1,149	1,352	5,443	-	-	110	72	88	270
GREATER THAN 12 FEET	-	132	206	112	450	-	-	-	8	-	8	-	-	-	-	-	-	-	-
<b>SUBTOTAL</b>	<b>4,409</b>	<b>6,244</b>	<b>11,895</b>	<b>9,821</b>	<b>32,369</b>	<b>41</b>	<b>-</b>	<b>227</b>	<b>2,674</b>	<b>1,162</b>	<b>1,392</b>	<b>5,496</b>	<b>-</b>	<b>-</b>	<b>110</b>	<b>72</b>	<b>88</b>	<b>270</b>	
<b>TOTAL DIVIDED</b>	<b>4,409</b>	<b>6,250</b>	<b>11,907</b>	<b>9,827</b>	<b>32,393</b>	<b>43</b>	<b>317</b>	<b>748</b>	<b>9,477</b>	<b>4,336</b>	<b>4,531</b>	<b>19,452</b>	<b>-</b>	<b>43</b>	<b>228</b>	<b>2,750</b>	<b>977</b>	<b>705</b>	<b>4,703</b>
<b>TOTAL</b>	<b>5,449</b>	<b>6,277</b>	<b>11,961</b>	<b>9,860</b>	<b>33,547</b>	<b>4,973</b>	<b>13,640</b>	<b>13,168</b>	<b>40,189</b>	<b>6,550</b>	<b>5,282</b>	<b>83,802</b>	<b>36,569</b>	<b>35,556</b>	<b>27,445</b>	<b>39,848</b>	<b>3,509</b>	<b>1,808</b>	<b>144,735</b>

Roadway Extent, Characteristics, and Performance

# LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1990 <sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-59  
 SHEET 2 OF 4  
 SEPTEMBER 1991

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
<b>UNDIVIDED:</b>														
LESS THAN 9 FEET	2,858	5,428	2,186	495	-	-	10,967	14,482	15,685	2,860	1,835	3	-	34,865
9 FEET	4,221	16,148	9,423	14,115	373	24	44,304	14,518	32,045	10,361	6,057	17	2	63,000
10 FEET	9,455	49,357	29,074	40,328	1,601	408	130,223	21,507	39,886	14,814	11,750	485	18	88,460
11 FEET	11,432	30,393	22,813	33,735	2,675	486	101,534	14,175	19,753	6,478	6,002	343	58	46,809
12 FEET	12,703	42,916	24,195	46,397	7,482	2,010	135,703	23,525	19,124	5,499	6,776	418	68	55,410
GREATER THAN 12 FEET	1,800	2,998	1,231	3,816	922	144	10,911	2,339	1,751	377	612	32	30	5,141
<b>TOTAL UNDIVIDED</b>	<b>42,469</b>	<b>147,240</b>	<b>88,922</b>	<b>138,886</b>	<b>13,053</b>	<b>3,072</b>	<b>433,642</b>	<b>90,546</b>	<b>128,244</b>	<b>40,389</b>	<b>33,032</b>	<b>1,298</b>	<b>176</b>	<b>293,685</b>
<b>DIVIDED:</b>														
<b>NO ACCESS CONTROL:</b>														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	4	-	-	-	-	4
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	146	16	13	175	-	60	-	46	-	-	106
11 FEET	-	12	-	101	2	3	118	-	-	-	-	-	-	-
12 FEET	-	5	103	975	200	388	1,671	-	-	7	58	5	5	75
GREATER THAN 12 FEET	-	-	-	11	118	23	152	-	-	32	-	-	-	32
<b>SUBTOTAL</b>	<b>-</b>	<b>17</b>	<b>103</b>	<b>1,233</b>	<b>336</b>	<b>427</b>	<b>2,116</b>	<b>-</b>	<b>64</b>	<b>39</b>	<b>104</b>	<b>5</b>	<b>5</b>	<b>217</b>
<b>PARTIAL ACCESS CONTROL: 2/</b>														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	5	-	20	25	-	-	-	-	-	-	-
12 FEET	-	-	19	330	103	27	479	10	-	-	-	-	-	10
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SUBTOTAL</b>	<b>-</b>	<b>-</b>	<b>19</b>	<b>335</b>	<b>103</b>	<b>47</b>	<b>504</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10</b>
<b>FULL ACCESS CONTROL: 2/</b>														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	45	34	12	12	103	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SUBTOTAL</b>	<b>-</b>	<b>-</b>	<b>45</b>	<b>34</b>	<b>12</b>	<b>12</b>	<b>103</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL DIVIDED</b>	<b>-</b>	<b>17</b>	<b>167</b>	<b>1,602</b>	<b>451</b>	<b>486</b>	<b>2,723</b>	<b>10</b>	<b>64</b>	<b>39</b>	<b>104</b>	<b>5</b>	<b>5</b>	<b>227</b>
<b>TOTAL</b>	<b>42,469</b>	<b>147,257</b>	<b>89,089</b>	<b>140,488</b>	<b>13,504</b>	<b>3,558</b>	<b>436,365</b>	<b>90,556</b>	<b>128,308</b>	<b>40,428</b>	<b>33,136</b>	<b>1,303</b>	<b>181</b>	<b>293,912</b>

# LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-59  
 SHEET 3 OF 4  
 SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME						AVERAGE DAILY TRAFFIC VOLUME						AVERAGE DAILY TRAFFIC VOLUME						
	LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER	TOTAL	LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER	TOTAL	LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999	20,000 AND OVER	TOTAL
<b>UNDIVIDED:</b>																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	3	48	5	11	20	6	93	
9 FEET	-	-	-	-	-	-	-	2	-	-	2	32	36	25	64	168	59	384	
10 FEET	-	1	-	-	1	6	16	2	-	-	24	60	196	289	763	1,456	1,170	3,934	
11 FEET	-	-	-	1	1	13	11	2	-	-	26	23	252	467	1,374	1,826	1,345	5,287	
12 FEET	19	13	15	13	41	224	130	19	3	-	376	91	869	1,727	5,447	8,295	3,473	19,902	
GREATER THAN 12 FEET	-	-	-	-	-	46	8	-	-	-	54	15	125	251	1,039	2,331	480	4,241	
<b>TOTAL UNDIVIDED</b>	<b>19</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>42</b>	<b>104</b>	<b>289</b>	<b>167</b>	<b>23</b>	<b>3</b>	<b>482</b>	<b>224</b>	<b>1,526</b>	<b>2,764</b>	<b>8,698</b>	<b>14,096</b>	<b>6,533</b>	<b>33,841</b>	
<b>DIVIDED:</b>																			
<b>NO ACCESS CONTROL:</b>																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	2	12	22	
10 FEET	-	-	-	-	-	2	-	-	-	-	2	-	2	4	64	134	507	711	
11 FEET	-	-	-	-	-	1	15	1	-	5	22	-	13	7	88	368	1,345	1,821	
12 FEET	-	-	-	-	-	72	133	59	4	1	269	16	39	198	960	3,298	6,732	11,243	
GREATER THAN 12 FEET	-	-	-	-	-	6	10	3	-	-	19	-	13	8	88	271	362	742	
<b>SUBTOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>81</b>	<b>158</b>	<b>63</b>	<b>4</b>	<b>6</b>	<b>312</b>	<b>16</b>	<b>67</b>	<b>219</b>	<b>1,206</b>	<b>4,073</b>	<b>8,959</b>	<b>14,540</b>	
<b>PARTIAL ACCESS CONTROL: 2/</b>																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
9 FEET	-	-	-	-	-	6	-	-	-	-	6	-	-	-	1	-	1	2	
10 FEET	-	-	-	-	-	-	8	27	-	-	35	-	-	-	-	14	40	54	
11 FEET	-	-	-	-	-	16	37	4	24	-	81	-	9	4	19	99	209	340	
12 FEET	1	9	1	-	11	415	736	280	98	6	1,535	9	36	44	457	895	1,236	2,677	
GREATER THAN 12 FEET	-	1	-	-	1	5	13	8	-	-	26	-	4	1	12	26	25	68	
<b>SUBTOTAL</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>-</b>	<b>12</b>	<b>442</b>	<b>794</b>	<b>319</b>	<b>122</b>	<b>6</b>	<b>1,683</b>	<b>9</b>	<b>49</b>	<b>50</b>	<b>488</b>	<b>1,036</b>	<b>1,511</b>	<b>3,143</b>	
<b>FULL ACCESS CONTROL: 2/</b>																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 FEET	-	-	-	-	-	-	4	-	-	-	4	-	-	-	-	-	5	9	
10 FEET	-	1	1	35	37	-	8	-	1	-	9	-	-	-	4	6	-	6	
11 FEET	-	3	17	11	42	13	23	55	30	44	165	-	-	-	2	3	9	14	
12 FEET	858	2,923	2,629	2,485	2,271	11,166	725	1,460	1,469	588	730	4,972	-	8	51	96	244	412	
GREATER THAN 12 FEET	22	55	24	31	3	135	4	31	8	-	43	-	-	-	1	21	22	22	
<b>SUBTOTAL</b>	<b>880</b>	<b>2,982</b>	<b>2,671</b>	<b>2,562</b>	<b>2,316</b>	<b>11,411</b>	<b>742</b>	<b>1,526</b>	<b>1,532</b>	<b>619</b>	<b>774</b>	<b>5,193</b>	<b>-</b>	<b>8</b>	<b>13</b>	<b>57</b>	<b>106</b>	<b>463</b>	
<b>TOTAL DIVIDED</b>	<b>881</b>	<b>2,992</b>	<b>2,672</b>	<b>2,562</b>	<b>2,316</b>	<b>11,423</b>	<b>1,265</b>	<b>2,478</b>	<b>1,914</b>	<b>745</b>	<b>786</b>	<b>7,188</b>	<b>25</b>	<b>124</b>	<b>282</b>	<b>1,751</b>	<b>5,215</b>	<b>10,749</b>	<b>18,146</b>
<b>TOTAL</b>	<b>900</b>	<b>3,006</b>	<b>2,687</b>	<b>2,576</b>	<b>2,358</b>	<b>11,527</b>	<b>1,554</b>	<b>2,645</b>	<b>1,937</b>	<b>748</b>	<b>786</b>	<b>7,670</b>	<b>249</b>	<b>1,650</b>	<b>3,046</b>	<b>10,449</b>	<b>19,311</b>	<b>17,282</b>	<b>51,987</b>

# LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-59  
 SHEET 4 OF 4  
 SEPTEMBER 1991

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MINOR ARTERIAL							COLLECTOR						
	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	73	167	73	59	35	4	411	980	748	313	138	7	-	2,186
9 FEET	322	1,166	499	527	301	33	2,848	2,487	3,122	901	544	59	2	7,115
10 FEET	813	3,042	2,199	3,606	1,854	555	12,069	4,378	7,357	3,341	2,239	554	73	17,942
11 FEET	551	2,312	2,073	3,402	2,380	537	11,255	1,661	3,835	2,098	2,367	785	98	10,844
12 FEET	1,361	4,931	5,501	10,421	8,185	1,588	31,987	4,640	9,760	5,839	6,098	2,147	192	28,676
GREATER THAN 12 FEET	165	977	1,330	2,870	1,921	228	7,491	1,274	3,413	1,783	1,972	603	27	9,072
<b>TOTAL UNDIVIDED</b>	<b>3,285</b>	<b>12,595</b>	<b>11,675</b>	<b>20,885</b>	<b>14,676</b>	<b>2,945</b>	<b>66,061</b>	<b>15,420</b>	<b>28,236</b>	<b>14,275</b>	<b>13,358</b>	<b>4,155</b>	<b>392</b>	<b>75,835</b>
DIVIDED:														
NO ACCESS CONTROL:														
LESS THAN 9 FEET	-	-	-	-	-	-	-	3	2	-	-	-	-	5
9 FEET	-	1	-	28	7	6	42	4	-	5	1	-	-	10
10 FEET	12	23	3	117	181	165	501	20	77	62	78	85	2	324
11 FEET	60	4	25	117	506	366	1,078	-	61	18	42	121	12	254
12 FEET	31	146	188	1,025	2,350	1,975	5,715	57	113	259	478	347	180	1,434
GREATER THAN 12 FEET	1	31	14	88	216	117	467	2	63	38	227	15	9	354
SUBTOTAL	104	205	230	1,375	3,260	2,629	7,803	86	316	382	826	568	203	2,381
PARTIAL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	1	-	-	-	-	-	1
10 FEET	-	-	-	40	-	-	40	-	2	-	-	-	-	2
11 FEET	-	-	3	32	17	10	62	-	-	-	-	1	-	1
12 FEET	-	-	18	112	140	202	472	-	1	4	8	5	6	24
GREATER THAN 12 FEET	-	1	1	3	13	2	20	-	2	-	-	-	-	2
SUBTOTAL	-	1	22	187	170	214	594	1	5	4	8	6	6	30
FULL ACCESS CONTROL: 2/														
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	2	-	-	2	-	-	-	-	-	-	-
11 FEET	-	-	-	34	10	-	44	-	-	-	-	-	-	-
12 FEET	-	-	1	5	119	27	152	-	-	-	-	2	-	2
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	1	41	129	27	198	-	-	-	-	2	-	2
<b>TOTAL DIVIDED</b>	<b>104</b>	<b>206</b>	<b>253</b>	<b>1,603</b>	<b>3,559</b>	<b>2,870</b>	<b>8,595</b>	<b>87</b>	<b>321</b>	<b>386</b>	<b>834</b>	<b>576</b>	<b>209</b>	<b>2,413</b>
<b>TOTAL</b>	<b>3,389</b>	<b>12,801</b>	<b>11,928</b>	<b>22,488</b>	<b>18,235</b>	<b>5,815</b>	<b>74,656</b>	<b>15,507</b>	<b>28,556</b>	<b>14,661</b>	<b>14,192</b>	<b>4,731</b>	<b>601</b>	<b>78,248</b>

1/ AS EXPANDED FROM THE 1990 HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 49 STATES AND THE DISTRICT OF COLUMBIA. FOR OHIO, 1989 DATA WERE FACTORED TO 1990 TOTALS BY FHWA.  
 2/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH

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 - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-61  
 SHEET 1 OF 4  
 SEPTEMBER 1991

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	-	112	346	69	90	25	642	609	996	346	23	9	11	1,994	2,885	914	72	7	15	1	3,894			
ALASKA	740	194	49	15	29	11	1,038	50	3	-	-	-	53	633	235	33	1	-	-	-	902			
ARIZONA	607	390	42	-	-	-	1,039	521	447	65	-	-	4	1,037	1,638	443	88	12	-	-	2,181			
ARKANSAS	18	173	197	2	11	18	419	880	774	217	54	6	-	1,931	2,531	422	182	12	-	20	3,167			
CALIFORNIA	265	257	450	169	161	114	1,416	480	1,018	1,043	62	159	170	2,932	3,314	1,794	786	122	58	522	6,596			
COLORADO	267	198	197	10	64	57	793	731	792	241	79	45	13	1,901	1,490	307	100	14	32	4	1,947			
CONNECTICUT	-	24	21	15	10	39	109	15	79	95	8	13	16	226	103	222	105	13	17	12	472			
DELAWARE	-	-	-	-	-	-	-	-	50	48	23	32	1	154	37	66	58	8	-	14	183			
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA	-	418	449	48	83	12	1,010	933	1,465	269	8	3	-	2,678	2,199	949	252	9	-	-	3,409			
GEORGIA	104	343	369	24	27	6	873	1,697	707	235	28	29	9	2,705	4,566	1,069	197	10	30	2	5,874			
HAWAII	-	1	4	-	-	-	5	-	1	8	2	2	-	13	119	96	89	48	15	20	387			
IDAHO	261	253	15	-	1	-	530	660	656	276	25	14	17	1,648	736	229	43	7	-	12	1,027			
ILLINOIS	182	896	314	12	9	2	1,415	2,149	496	83	-	10	3	2,741	3,624	1,429	28	-	-	-	5,081			
INDIANA	113	618	140	65	27	-	863	175	674	212	10	28	3	1,102	1,713	1,142	245	-	-	34	3,134			
IOWA	83	299	168	82	12	1	645	1,963	1,069	121	-	-	-	3,153	4,563	292	15	-	-	-	4,890			
KANSAS	161	458	93	-	-	-	712	2,322	879	49	-	-	-	3,250	4,167	293	5	-	-	-	4,465			
KENTUCKY	26	107	158	135	103	50	579	712	576	184	84	18	64	1,638	656	749	229	36	68	18	1,756			
LOUISIANA	45	356	244	11	1	-	656	404	556	104	-	8	12	1,084	1,032	415	71	-	57	-	1,575			
MAINE	102	110	50	10	3	38	313	234	313	136	31	19	-	736	445	419	167	37	19	1	1,088			
MARYLAND	-	4	5	59	42	59	169	28	189	193	32	15	42	499	316	521	218	22	6	59	1,142			
MASSACHUSETTS	-	38	84	9	33	6	170	56	91	43	2	33	17	242	231	251	119	102	28	38	769			
MICHIGAN	61	232	306	23	85	65	772	646	840	719	81	100	12	2,398	1,934	1,119	627	65	101	23	3,869			
MINNESOTA	224	220	189	-	4	51	688	1,511	1,215	538	54	22	17	3,357	4,607	476	160	-	58	22	5,323			
MISSISSIPPI	18	323	204	15	-	-	560	740	660	166	-	10	-	1,576	3,314	710	67	46	-	-	4,137			
MISSOURI	18	317	257	11	115	44	841	783	1,508	418	46	-	7	2,762	2,822	652	216	-	16	-	3,706			
MONTANA	984	160	-	90	-	-	1,144	1,626	423	53	-	-	-	2,102	3,058	240	14	-	-	-	3,312			
NEBRASKA	103	291	47	-	3	-	444	2,321	374	24	-	-	-	2,719	4,098	93	16	2	-	3	4,212			
NEVADA	362	85	18	17	17	-	499	428	169	11	-	-	1	609	1,127	38	12	1	-	-	1,178			
NEW HAMPSHIRE	18	64	66	4	13	15	180	21	94	128	38	24	14	319	146	264	202	39	6	7	664			
NEW JERSEY	-	15	32	18	16	45	126	20	25	90	42	49	53	279	95	298	188	22	35	8	646			
NEW MEXICO	282	296	285	20	18	5	906	893	413	67	1	-	2	1,376	1,909	347	16	10	-	11	2,293			
NEW YORK	25	322	345	87	45	30	854	653	699	281	47	32	76	1,788	1,862	1,967	636	23	92	50	4,630			
NORTH CAROLINA	-	138	279	67	104	121	709	404	862	513	95	55	74	2,003	647	750	499	40	83	20	2,039			
NORTH DAKOTA	508	22	-	-	-	-	530	1,187	20	-	-	-	-	1,207	4,180	18	-	-	-	-	4,198			
OHIO 2/	2	143	500	77	59	66	847	664	722	253	36	6	-	1,680	1,468	1,272	475	63	-	35	3,313			
OKLAHOMA	124	504	77	5	11	2	723	1,258	495	126	-	-	-	1,879	2,846	357	17	-	-	-	3,220			
OREGON	80	256	232	7	11	9	595	646	948	559	46	50	7	2,256	1,833	597	34	3	-	-	2,467			
PENNSYLVANIA	33	509	426	46	69	83	1,166	350	891	392	55	19	81	1,788	3,177	2,108	623	30	-	28	5,966			
RHODE ISLAND	-	-	21	-	-	-	21	22	31	6	2	2	11	74	24	33	24	4	2	5	92			
SOUTH CAROLINA	-	141	406	23	68	35	673	614	571	313	8	2	11	1,519	1,925	1,169	301	15	21	6	3,437			
SOUTH DAKOTA	373	253	5	-	-	-	631	1,926	304	74	7	6	1	2,318	3,271	98	17	-	-	1	3,387			
TENNESSEE	15	292	423	33	15	2	780	354	561	133	10	-	1	1,059	2,204	1,567	389	8	-	-	4,168			
TEXAS	955	586	581	96	54	10	2,282	5,109	2,269	491	11	7	16	7,903	5,856	942	89	-	25	2	6,914			
UTAH	411	300	64	6	8	3	792	226	255	141	23	14	22	681	1,414	336	101	1	8	3	1,863			
VERMONT	91	141	49	5	-	-	286	27	117	134	13	2	-	293	287	327	108	4	3	19	748			
VIRGINIA	11	139	420	71	85	51	777	675	616	202	8	5	14	1,520	1,110	1,833	498	37	45	22	3,545			
WASHINGTON	151	133	178	3	30	24	519	947	566	216	34	31	2	1,796	1,986	446	132	5	8	-	2,577			
WEST VIRGINIA	35	135	164	24	28	41	427	136	198	141	9	25	3	512	758	672	243	38	1	16	1,728			
WISCONSIN	16	99	254	23	40	84	516	839	1,849	565	16	8	12	3,289	3,222	1,561	260	2	23	-	5,068			
WYOMING	683	180	-	-	-	-	863	779	153	72	8	3	8	1,023	1,825	270	1	-	-	-	2,096			
TOTAL	8,557	11,444	9,223	1,495	1,604	1,224	33,547	40,424	29,679	10,794	1,161	914	830	83,802	100,023	32,817	9,067	918	872	1,038	144,735			
PERCENT/SYSTEM	25.6	34.1	27.5	4.5	4.8	3.6	100.0	48.2	35.4	12.9	1.4	1.1	1.0	100.0	69.1	22.7	6.3	0.6	0.6	0.7	100.0			

Roadway Extent, Characteristics, and Performance

# VOLUME-SERVICE FLOW RATIO - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-61  
 SHEET 2 OF 4  
 SEPTEMBER 1991

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	11,052	469	60	-	-	-	11,581	6,960	11	-	-	-	-	6,971
ALASKA	1,790	93	21	-	-	-	1,904	894	11	-	-	-	-	905
ARIZONA	3,257	455	19	13	-	-	3,744	3,055	13	-	-	-	-	3,068
ARKANSAS	12,125	298	27	-	-	-	12,450	6,521	9	-	-	-	-	6,530
CALIFORNIA	8,632	1,924	1,386	240	403	336	12,921	8,492	878	457	12	30	22	9,891
COLORADO	6,730	548	19	4	1	-	7,302	12,034	25	3	-	3	-	12,065
CONNECTICUT	645	229	27	10	-	49	950	1,102	30	5	-	-	-	1,137
DELAWARE	520	51	35	-	3	-	609	126	20	3	3	-	-	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	4,124	489	67	3	-	3	4,686	5,109	72	14	-	-	-	5,195
GEORGIA	12,979	830	156	36	24	9	14,034	6,882	381	2	-	-	1	7,266
HAWAII	314	121	21	2	-	-	458	72	33	6	2	-	-	113
IDAHO	4,695	157	23	2	1	4	4,882	3,781	25	2	-	-	-	3,808
ILLINOIS	13,361	788	50	-	-	-	14,199	3,563	10	2	-	-	-	3,575
INDIANA	7,689	1,964	101	-	-	-	9,754	10,172	114	17	-	-	-	10,303
IOWA	13,535	32	-	-	-	-	13,567	16,397	2	-	-	-	-	16,399
KANSAS	22,544	178	6	-	-	-	22,728	9,313	7	1	-	-	-	9,321
KENTUCKY	5,610	1,390	205	26	9	75	7,215	8,950	262	54	2	1	3	9,272
LOUISIANA	6,729	520	82	21	-	-	7,352	4,224	53	28	-	-	-	4,305
MAINE	2,908	251	106	11	-	-	3,276	2,182	72	-	-	-	-	2,254
MARYLAND	1,275	486	100	4	36	10	1,911	1,813	61	26	-	-	3	1,893
MASSACHUSETTS	1,613	314	64	-	11	5	2,007	1,945	6	-	-	-	-	1,951
MICHIGAN	15,195	1,561	364	78	-	3	17,201	7,411	68	4	-	-	-	7,483
MINNESOTA	16,142	370	85	-	-	7	16,604	11,840	34	2	-	-	2	11,878
MISSISSIPPI	11,043	509	152	-	-	-	11,704	2,888	18	3	-	-	-	2,909
MISSOURI	17,526	464	109	-	3	-	18,102	5,416	14	-	-	-	-	5,430
MONTANA	6,590	88	3	-	-	-	6,681	9,251	-	-	-	-	-	9,251
NEBRASKA	11,416	35	3	4	-	-	11,458	9,229	4	-	-	-	-	9,233
NEVADA	2,195	36	97	-	-	-	2,328	2,452	2	1	-	-	-	2,455
NEW HAMPSHIRE	951	198	73	2	4	7	1,235	1,171	54	5	-	-	-	1,230
NEW JERSEY	1,136	338	221	16	19	4	1,734	1,033	202	6	-	13	-	1,254
NEW MEXICO	4,008	134	49	8	2	-	4,201	2,350	17	6	-	-	-	2,373
NEW YORK	4,928	1,180	150	5	6	24	6,293	9,870	733	158	-	38	-	10,799
NORTH CAROLINA	7,046	2,910	447	80	22	6	10,511	8,586	449	10	-	3	2	9,050
NORTH DAKOTA	11,107	-	-	-	-	-	11,107	7,488	-	-	-	-	-	7,488
OHIO 2/	10,147	1,225	372	-	33	16	11,793	6,631	421	69	-	3	-	7,124
OKLAHOMA	20,864	492	53	-	-	-	21,409	3,088	4	-	-	-	-	3,092
OREGON	9,266	333	44	-	-	-	9,643	7,263	64	-	-	-	-	7,327
PENNSYLVANIA	6,509	1,198	211	-	54	8	7,980	8,117	230	29	-	-	-	8,376
RHODE ISLAND	169	25	7	-	-	-	201	153	-	-	-	-	-	153
SOUTH CAROLINA	7,809	601	124	-	-	-	8,534	3,952	52	-	-	-	-	4,004
SOUTH DAKOTA	11,422	30	17	-	-	29	11,498	6,964	1	-	-	-	-	6,965
TENNESSEE	4,840	443	135	24	19	3	5,464	10,528	212	42	-	-	-	10,782
TEXAS	36,444	1,315	134	10	26	8	37,937	18,470	49	2	4	-	-	18,525
UTAH	2,924	171	55	4	2	4	3,160	4,170	-	-	-	-	-	4,170
VERMONT	1,577	239	94	3	-	-	1,913	983	2	1	-	-	-	985
VIRGINIA	7,951	1,568	616	9	31	31	10,206	2,337	50	12	-	-	-	2,399
WASHINGTON	6,337	855	96	-	61	-	7,349	6,445	148	87	-	-	-	6,680
WEST VIRGINIA	5,454	751	124	1	11	11	6,352	2,143	16	2	-	-	-	2,161
WISCONSIN	13,310	332	92	8	-	-	13,742	6,502	4	-	-	-	-	6,506
WYOMING	2,386	84	11	-	4	-	2,485	7,441	-	14	-	-	-	7,455
<b>TOTAL</b>	<b>398,719</b>	<b>29,072</b>	<b>6,513</b>	<b>624</b>	<b>785</b>	<b>652</b>	<b>436,365</b>	<b>287,759</b>	<b>4,933</b>	<b>1,073</b>	<b>23</b>	<b>91</b>	<b>33</b>	<b>293,912</b>
<b>PERCENT/SYSTEM</b>	<b>91.4</b>	<b>6.7</b>	<b>1.5</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>100.0</b>	<b>97.9</b>	<b>1.7</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100.0</b>



# VOLUME-SERVICE FLOW RATIO - URBAN - 1990 <sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-61  
 SHEET 3 OF 4  
 SEPTEMBER 1991

STATE	INTERSTATE							OTHER FREEWAYS AND EXPRESSWAYS							OTHER PRINCIPAL ARTERIAL						
	VOLUME-SERVICE FLOW RATIO (V/SF)						TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)						TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)						TOTAL
	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95		LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95		LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95	
ALABAMA	-	62	106	22	26	31	247	-	-	8	2	2	9	21	122	350	333	57	86	60	1,008
ALASKA	1	3	16	4	9	18	51	-	-	-	-	-	-	-	13	13	19	6	17	38	106
ARIZONA	19	38	21	5	11	36	130	-	13	15	2	1	8	39	159	245	314	82	53	140	993
ARKANSAS	12	38	42	4	24	3	123	34	35	20	2	9	5	105	97	167	211	5	74	81	636
CALIFORNIA	3	36	139	82	179	544	983	15	108	303	110	186	541	1,263	203	605	1,994	612	1,345	1,182	5,941
COLORADO	8	27	35	11	13	55	149	8	49	31	6	51	19	164	100	153	313	116	84	163	929
CONNECTICUT	1	14	31	32	34	120	232	5	38	86	15	21	26	191	9	50	252	87	75	197	710
DELAWARE	-	-	14	3	13	11	41	-	-	1	-	-	-	1	2	9	17	24	18	70	136
DIST. OF COL.	-	-	1	-	3	8	12	1	-	7	3	6	7	24	-	2	23	14	27	33	99
FLORIDA	1	27	142	18	58	170	416	11	141	53	19	14	31	269	32	541	978	217	95	71	1,935
GEORGIA	13	77	145	16	51	70	372	24	63	25	2	14	20	148	186	493	550	74	67	98	1,468
HAWAII	3	1	10	4	5	15	38	2	5	21	4	2	19	53	-	18	32	11	15	18	94
IDAHO	12	21	30	3	9	-	75	-	-	-	-	-	-	-	13	52	55	20	24	20	184
ILLINOIS	49	127	92	31	65	182	546	16	29	3	4	4	27	83	117	401	618	260	440	535	2,372
INDIANA	20	126	108	8	23	-	285	28	27	38	10	1	8	112	147	308	392	65	144	290	1,346
IOWA	8	55	55	2	12	5	137	-	-	-	-	-	-	-	93	318	330	48	68	64	921
KANSAS	21	41	60	3	10	25	160	14	30	27	2	8	9	90	56	90	361	12	19	39	577
KENTUCKY	1	35	89	8	16	35	184	46	8	7	7	22	-	90	62	116	199	21	31	68	497
LOUISIANA	14	39	55	11	29	40	188	-	9	7	-	3	9	28	184	195	234	78	79	248	1,018
MAINE	7	15	25	-	3	3	53	5	3	5	-	-	1	14	21	63	70	18	25	26	223
MARYLAND	3	3	12	15	37	161	231	2	48	41	6	44	50	191	55	116	250	87	187	196	891
MASSACHUSETTS	3	24	140	50	58	122	397	6	64	88	26	37	53	274	98	287	502	116	320	522	1,845
MICHIGAN	4	23	98	26	61	243	455	6	31	55	12	27	69	200	44	303	707	198	242	458	1,952
MINNESOTA	6	14	89	19	49	40	217	1	5	55	11	20	46	138	93	186	172	16	33	85	585
MISSISSIPPI	3	56	53	8	4	-	124	26	8	-	-	-	-	34	99	253	175	25	24	24	600
MISSOURI	30	21	56	41	79	109	336	42	57	104	7	34	26	270	69	213	298	68	138	253	1,039
MONTANA	27	20	-	-	-	-	47	-	-	-	-	-	-	26	73	47	9	3	13	171	375
NEBRASKA	2	2	12	2	-	19	37	3	1	4	-	1	1	10	49	121	130	14	27	34	375
NEVADA	7	3	14	5	9	8	46	12	-	11	-	11	2	36	36	53	74	5	1	3	172
NEW HAMPSHIRE	-	9	15	9	7	4	44	-	11	9	5	5	3	33	4	41	83	14	12	36	190
NEW JERSEY	-	19	67	17	55	112	270	13	52	106	3	9	87	269	44	126	479	61	325	321	1,356
NEW MEXICO	49	19	8	5	2	11	94	3	-	-	-	-	-	3	187	163	93	3	4	9	459
NEW YORK	8	74	165	57	95	247	646	47	147	165	38	70	285	752	196	368	586	145	338	774	2,407
NORTH CAROLINA	-	5	40	32	51	100	226	10	63	85	7	12	30	207	170	539	592	99	124	222	1,746
NORTH DAKOTA	26	10	4	-	-	-	40	-	-	-	-	-	-	-	50	54	33	5	4	9	155
OHIO 2/	7	51	319	74	72	202	725	96	161	63	7	17	23	367	433	414	463	100	215	532	2,157
OKLAHOMA	11	77	55	17	13	34	207	63	55	37	12	17	5	189	474	247	61	-	-	-	782
OREGON	14	19	40	13	33	13	132	1	7	25	4	14	14	55	36	120	254	53	62	40	565
PENNSYLVANIA	7	52	198	38	31	77	403	71	116	138	12	21	25	384	196	592	735	239	364	689	2,815
RHODE ISLAND	-	13	14	-	4	18	49	4	15	15	14	5	11	64	10	90	101	17	39	91	348
SOUTH CAROLINA	3	7	32	7	19	50	118	3	8	13	-	-	10	34	47	145	266	48	72	111	689
SOUTH DAKOTA	-	24	16	6	1	-	47	1	-	1	-	-	1	3	41	54	43	7	8	17	170
TENNESSEE	1	92	96	18	55	80	282	-	-	-	-	-	-	67	310	462	164	176	146	1,325	5,944
TEXAS	72	109	255	71	187	253	947	53	172	257	69	81	194	826	713	1,136	1,021	216	264	595	3,944
UTAH	13	4	45	20	38	26	146	-	5	5	-	-	3	13	24	66	75	25	22	36	248
VERMONT	6	12	16	-	-	-	34	3	3	3	2	-	4	15	1	34	39	4	12	19	109
VIRGINIA	4	12	79	19	56	129	299	26	21	53	23	6	58	187	54	262	357	63	115	151	1,002
WASHINGTON	22	42	55	27	55	39	240	23	38	87	11	18	15	192	263	286	376	80	121	133	1,259
WEST VIRGINIA	1	20	46	5	5	13	90	4	38	24	3	1	-	70	28	73	73	12	9	21	216
WISCONSIN	-	21	30	9	30	34	124	27	38	54	14	12	11	156	156	367	324	41	65	103	1,056
WYOMING	43	7	-	-	-	-	50	3	-	-	-	-	-	3	82	39	28	11	2	5	167
TOTAL	565	1,586	3,285	877	1,699	3,515	11,527	758	1,722	2,155	474	796	1,765	7,670	5,461	11,355	16,194	3,772	6,115	9,090	51,987
PERCENT/SYSTEM	4.9	13.8	28.5	7.6	14.7	30.5	100.0	9.9	22.5	28.0	6.2	10.4	23.0	100.0	10.5	21.8	31.1	7.3	11.8	17.5	100.0

Roadway Extent, Characteristics, and Performance

## VOLUME-SERVICE FLOW RATIO - URBAN - 1990<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61  
SHEET 4 OF 4  
SEPTEMBER 1991

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

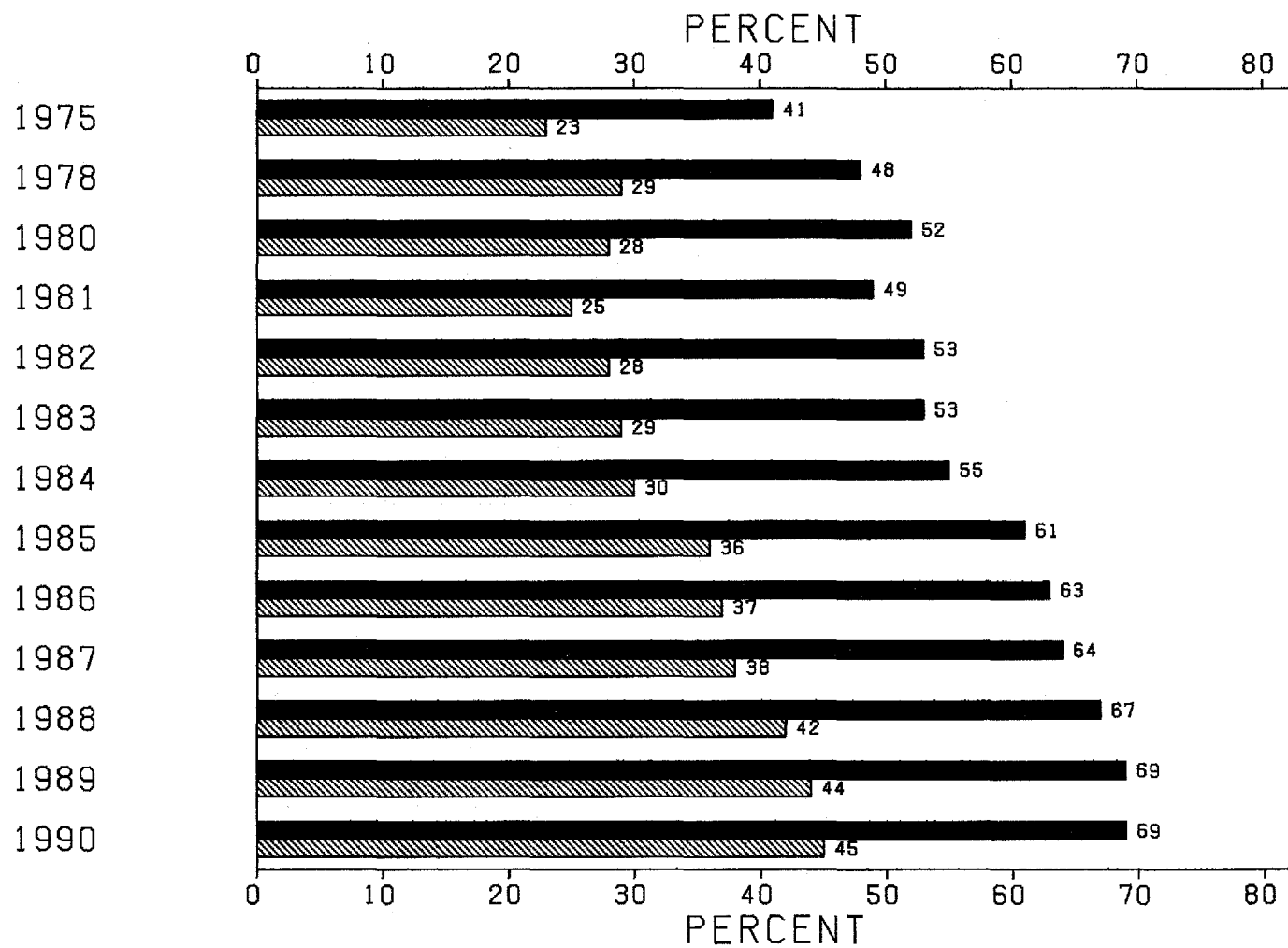
STATE	MINOR ARTERIAL							COLLECTOR								
	VOLUME-SERVICE FLOW RATIO (V/SF)							TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)							TOTAL
	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95	LESS THAN .21		.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95			
ALABAMA	874	443	250	16	19	9	1,611	1,140	322	194	9	17	25	1,707		
ALASKA	33	24	6	3	8	7	81	82	61	8	5	5	164			
ARIZONA	419	245	240	48	16	42	1,010	1,347	152	111	11	6	23	1,650		
ARKANSAS	479	212	230	25	11	39	996	705	204	88	5	-	4	1,006		
CALIFORNIA	990	2,109	2,993	721	842	657	8,312	2,738	2,396	1,986	168	294	165	7,747		
COLORADO	497	313	275	31	10	14	1,140	814	247	84	3	1	7	1,156		
CONNECTICUT	212	260	201	65	71	140	949	1,148	412	194	29	49	84	1,916		
DELAWARE	8	6	41	8	18	55	136	22	27	53	4	26	36	168		
DIST. OF COL.	-	23	48	23	28	30	152	14	43	42	9	15	33	156		
FLORIDA	244	686	892	100	251	232	2,405	1,323	1,136	1,128	276	15	562	4,780		
GEORGIA	414	592	478	88	244	296	2,112	795	577	296	9	92	39	1,808		
HAWAII	6	25	39	20	17	10	117	25	47	60	7	15	26	180		
IDAHO	129	104	81	26	9	48	397	241	73	43	10	2	16	385		
ILLINOIS	484	669	882	107	285	760	3,187	1,293	653	589	242	286	228	3,291		
INDIANA	794	492	552	104	67	279	2,288	1,432	318	152	24	13	22	1,961		
IOWA	362	366	378	28	78	73	1,285	588	293	144	7	6	9	1,047		
KANSAS	163	243	533	51	5	43	1,038	356	198	210	-	-	6	770		
KENTUCKY	324	341	225	39	29	136	1,094	436	225	99	45	16	81	902		
LOUISIANA	352	170	197	31	47	314	1,111	550	234	121	33	61	147	1,146		
MAINE	37	80	113	13	27	27	297	232	122	31	2	4	3	394		
MARYLAND	215	224	312	31	59	117	958	650	199	183	101	14	27	1,174		
MASSACHUSETTS	417	739	962	115	160	26	2,419	1,034	701	869	100	17	4	2,725		
MICHIGAN	621	908	911	315	323	511	3,589	1,289	816	541	31	32	81	2,790		
MINNESOTA	359	390	512	66	41	178	1,546	935	558	195	18	48	89	1,843		
MISSISSIPPI	245	276	101	8	38	13	681	473	169	94	11	6	10	763		
MISSOURI	374	458	481	56	150	108	1,627	858	366	161	13	57	42	1,497		
MONTANA	111	34	46	12	5	3	211	92	89	36	3	6	-	226		
NEBRASKA	144	189	127	11	31	35	537	194	109	78	6	14	4	405		
NEVADA	149	104	63	6	12	8	342	332	60	31	3	-	6	432		
NEW HAMPSHIRE	125	99	77	11	17	26	355	259	49	15	2	14	2	342		
NEW JERSEY	747	640	468	176	294	563	2,888	1,154	312	251	33	114	55	1,919		
NEW MEXICO	167	115	40	1	8	-	331	156	83	36	-	8	2	265		
NEW YORK	599	1,135	1,015	302	222	895	4,168	2,110	929	452	110	178	164	3,943		
NORTH CAROLINA	642	586	603	67	103	203	2,204	890	236	169	25	25	30	1,375		
NORTH DAKOTA	130	79	45	1	14	1	270	149	47	21	4	5	-	226		
OHIO 2/	1,026	707	372	97	121	469	2,792	1,994	737	706	53	133	523	4,146		
OKLAHOMA	1,652	183	25	1	1	1	1,863	1,201	4	1	-	-	-	1,206		
OREGON	312	357	238	48	25	38	1,018	604	208	88	10	24	41	975		
PENNSYLVANIA	634	680	780	178	117	433	2,822	1,445	642	650	91	80	283	3,191		
RHODE ISLAND	39	56	85	37	29	45	291	321	78	70	18	7	4	498		
SOUTH CAROLINA	261	221	220	70	54	70	896	810	136	122	15	22	54	1,159		
SOUTH DAKOTA	156	56	13	1	3	3	232	92	18	3	-	1	-	114		
TENNESSEE	103	331	345	31	84	76	970	771	483	334	35	57	131	1,811		
TEXAS	2,199	1,144	993	222	367	659	5,584	4,274	1,123	743	138	116	489	6,883		
UTAH	114	117	131	16	21	30	429	290	87	72	5	10	12	476		
VERMONT	22	38	40	4	7	19	130	76	48	40	3	9	2	178		
VIRGINIA	344	557	406	54	135	146	1,642	961	278	104	29	1	31	1,404		
WASHINGTON	768	324	296	73	114	134	1,709	1,351	230	123	19	15	39	1,777		
WEST VIRGINIA	129	87	79	8	19	6	328	310	71	14	1	3	5	404		
WISCONSIN	730	486	310	85	101	194	1,906	1,149	185	61	12	13	7	1,427		
WYOMING	165	32	3	-	-	-	200	302	16	2	-	-	-	320		
TOTAL	20,520	18,755	18,753	3,650	4,757	8,221	74,656	41,807	16,807	11,899	1,785	2,292	3,658	78,248		
PERCENT/SYSTEM	27.5	25.1	25.1	4.9	6.4	11.0	100.0	53.4	21.5	15.2	2.3	2.9	4.7	100.0		

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

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

# URBAN INTERSTATE CONGESTION TRENDS

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



**LEGEND** ■ PEAK HOUR TRAVEL ▨ MILEAGE

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

# PAVEMENT CONDITION - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63  
SHEET 1 OF 4  
SEPTEMBER 1991

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

STATE	INTERSTATE						OTHER PRINCIPAL ARTERIAL						MINOR ARTERIAL					
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	-	1	20	621	-	642	-	-	384	1,610	-	1,994	33	-	1,290	2,571	-	3,894
ALASKA	62	-	595	381	-	1,038	-	-	33	20	-	53	4	6	539	353	-	902
ARIZONA 2/ ARKANSAS	130	163	275	471	-	1,039	34	146	412	445	-	1,037	120	276	1,114	671	-	2,181
	-	-	144	275	-	419	-	35	1,143	753	-	1,931	-	-	2,054	1,113	-	3,167
CALIFORNIA	92	37	455	832	-	1,416	-	5	1,090	1,837	-	2,932	8	19	3,178	3,391	-	6,596
COLORADO	81	2	245	465	-	793	20	-	708	1,173	-	1,901	66	-	833	1,048	-	1,947
CONNECTICUT	-	1	42	66	-	109	-	-	123	103	-	226	-	-	115	357	-	472
DELAWARE	-	-	-	-	-	-	-	8	51	95	-	154	-	11	77	95	-	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	79	2	91	838	-	1,010	110	89	378	2,101	-	2,678	136	133	497	2,643	-	3,409
GEORGIA	113	32	189	539	-	873	86	31	699	1,889	-	2,705	333	292	1,537	3,712	-	5,874
HAWAII	-	-	-	5	-	5	-	-	6	7	-	13	8	12	257	110	-	387
IDAHO	121	97	122	190	-	530	159	188	485	816	-	1,648	224	168	304	331	-	1,027
ILLINOIS	81	-	431	903	-	1,415	-	134	913	1,694	-	2,741	-	144	3,379	1,558	-	5,081
INDIANA	-	20	178	665	-	863	-	2	315	785	-	1,102	-	-	1,048	2,086	-	3,134
IOWA	34	5	262	344	-	645	6	-	2,014	1,133	-	3,153	18	-	3,044	1,828	-	4,890
KANSAS	53	25	314	320	-	712	48	34	1,288	1,880	-	3,250	20	4	1,569	2,872	-	4,465
KENTUCKY	3	4	216	356	-	579	17	-	966	655	-	1,638	6	-	1,425	325	-	1,756
LOUISIANA	-	5	179	472	-	656	31	5	516	532	-	1,084	49	3	721	802	-	1,575
MAINE	6	13	131	163	-	313	58	10	299	369	-	736	67	6	481	534	-	1,088
MARYLAND	11	-	-	158	-	169	18	-	82	399	-	499	94	-	193	855	-	1,142
MASSACHUSETTS	2	7	53	108	-	170	-	-	126	116	-	242	3	-	483	283	-	769
MICHIGAN	40	69	349	314	-	772	31	-	1,538	829	-	2,398	189	-	2,435	1,245	-	3,869
MINNESOTA	45	-	394	249	-	688	1	1	2,152	1,203	-	3,357	63	-	3,919	1,341	-	5,323
MISSISSIPPI	-	-	99	461	-	560	-	-	415	1,161	-	1,576	-	-	1,488	2,649	-	4,137
MISSOURI	221	64	322	234	-	841	81	164	1,411	1,106	-	2,762	40	230	2,079	1,357	-	3,706
MONTANA	158	-	434	552	-	1,144	177	-	842	1,083	-	2,102	518	29	1,323	1,406	-	3,312
NEBRASKA	43	-	31	370	-	444	4	9	1,414	1,292	-	2,719	2	-	2,475	1,735	36	4,212
NEVADA	70	-	207	222	-	499	3	12	349	245	-	609	100	10	561	507	-	1,178
NEW HAMPSHIRE	17	21	142	-	-	180	-	-	270	49	-	319	3	7	481	173	-	664
NEW JERSEY	1	-	35	90	-	126	-	-	95	184	-	279	1	8	351	286	-	646
NEW MEXICO	2	10	434	460	-	906	3	-	831	542	-	1,376	39	97	1,706	451	-	2,293
NEW YORK	32	5	256	561	-	854	-	-	894	894	-	1,788	84	51	1,900	2,595	-	4,630
NORTH CAROLINA	7	-	160	542	-	709	33	4	220	1,746	-	2,003	43	44	269	1,683	-	2,039
NORTH DAKOTA	186	40	216	88	-	530	-	30	1,066	104	-	1,207	-	35	3,688	413	-	4,198
OHIO 2/	23	35	319	470	-	847	-	-	839	841	-	1,680	-	-	1,462	1,851	-	3,313
OKLAHOMA	42	-	139	542	-	723	27	-	1,059	793	-	1,879	113	-	1,570	1,537	-	3,220
OREGON	44	26	292	233	-	595	-	419	823	1,014	-	2,256	87	648	974	776	-	2,467
PENNSYLVANIA	66	24	443	633	-	1,166	57	7	1,127	597	-	1,788	138	38	4,276	1,514	-	5,966
RHODE ISLAND	5	5	-	11	-	21	8	4	28	34	-	74	15	4	42	31	-	92
SOUTH CAROLINA	48	4	188	433	-	673	-	-	591	928	-	1,519	8	-	1,697	1,732	-	3,437
SOUTH DAKOTA	-	-	44	587	-	631	77	31	738	1,472	-	2,318	156	44	1,937	1,250	-	3,387
TENNESSEE	57	27	316	380	-	780	55	51	339	614	-	1,059	140	462	1,237	2,329	-	4,168
TEXAS	25	19	744	1,494	-	2,282	112	-	4,267	3,524	-	7,903	150	62	3,490	3,212	-	6,914
UTAH	-	12	225	555	-	792	1	-	386	294	-	681	-	24	1,242	597	-	1,863
VERMONT	15	2	251	19	-	286	24	15	235	19	-	293	121	57	471	99	-	748
VIRGINIA	71	13	168	525	-	777	52	93	443	932	-	1,520	-	156	1,176	2,182	-	3,545
WASHINGTON	1	-	124	394	-	519	-	-	467	1,329	-	1,796	31	6	993	1,578	-	2,577
WEST VIRGINIA	14	13	202	198	-	427	3	8	326	175	-	512	57	20	1,034	617	-	1,728
WISCONSIN	-	-	72	444	-	516	-	-	413	2,876	-	3,289	-	-	1,096	3,972	-	5,068
WYOMING	-	-	145	717	-	863	-	-	71	952	-	1,023	-	-	478	1,618	-	2,096
TOTAL	2,101	803	10,694	19,949	-	33,547	1,343	1,535	35,680	45,244	-	83,802	3,329	3,106	69,988	68,276	36	144,735
PERCENT/SYSTEM	6.3	2.4	31.9	59.4	-	100.0	1.7	1.9	42.6	53.8	-	100.0	2.4	2.2	48.2	47.2	0.0	100.0

PAVEMENT CONDITION - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

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

STATE	MAJOR COLLECTOR						MINOR COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	396	1,382	4,838	4,709	256	11,581	704	1,063	3,025	1,926	253	6,971
ALASKA	105	1	682	70	1,046	1,904	21	-	268	55	561	905
ARIZONA 2/ ARKANSAS	264	777	902	1,116	685	3,744	255	179	589	602	1,443	3,068
	-	51	8,972	2,285	1,142	12,450	178	293	2,002	296	3,761	6,530
CALIFORNIA	764	1,290	6,256	3,880	731	12,921	1,259	631	5,296	1,669	1,036	9,891
COLORADO	286	-	4,560	1,686	770	7,302	276	73	2,684	941	8,091	12,065
CONNECTICUT	9	54	341	556	-	960	3	56	478	595	5	1,137
DELAWARE	14	21	317	257	-	609	-	16	92	44	-	152
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	3,941	106	380	162	97	4,686	4,842	31	-	-	322	5,195
GEORGIA	1,063	343	6,141	6,141	346	14,034	803	198	2,391	2,515	1,359	7,266
HAWAII	48	26	289	95	-	458	22	-	75	16	-	113
IDAHO	635	738	1,661	673	1,175	4,882	470	-	813	184	2,341	3,808
ILLINOIS	-	391	6,006	7,024	778	14,199	-	165	1,356	1,171	883	3,575
INDIANA	-	364	4,310	5,080	-	9,754	1,410	1,449	4,200	2,084	1,160	10,303
IOWA	82	162	2,131	9,818	1,374	13,567	-	103	440	3,736	12,120	16,399
KANSAS	1,395	1,087	4,347	4,009	11,890	22,728	121	107	399	160	8,534	9,321
KENTUCKY	435	11	5,970	799	-	7,215	1,517	220	7,360	143	32	9,272
LOUISIANA	677	71	2,866	3,718	-	7,352	777	86	1,952	1,302	188	4,305
MAINE	351	95	1,606	1,224	-	3,276	363	76	1,069	663	83	2,254
MARYLAND	151	29	680	1,051	-	1,911	60	67	830	907	29	1,893
MASSACHUSETTS	294	-	1,132	543	38	2,007	434	45	938	276	258	1,951
MICHIGAN	1,182	959	7,168	6,212	1,680	17,201	432	52	3,822	1,625	1,552	7,483
MINNESOTA	3	276	9,419	5,283	1,623	16,604	23	7	3,122	4,277	4,449	11,878
MISSISSIPPI	3,537	-	4,226	3,238	703	11,704	961	-	746	529	673	2,909
MISSOURI	549	155	11,651	5,747	-	18,102	252	491	4,299	388	-	5,430
MONTANA	671	-	976	2,196	2,838	6,681	21	-	212	480	8,538	9,251
NEBRASKA	364	458	3,037	3,032	4,567	11,458	250	20	465	263	8,235	9,233
NEVADA	73	125	1,527	553	50	2,328	5	48	1,098	29	1,275	2,455
NEW HAMPSHIRE	84	79	1,002	70	-	1,235	644	70	481	33	2	1,230
NEW JERSEY	74	7	893	760	-	1,734	71	71	489	622	1	1,254
NEW MEXICO	239	245	3,206	231	280	4,201	171	147	1,830	16	209	2,373
NEW YORK	121	-	2,596	3,576	-	6,293	143	27	4,714	5,785	130	10,799
NORTH CAROLINA	99	127	820	9,465	-	10,511	499	162	1,692	6,697	-	9,050
NORTH DAKOTA	-	81	4,776	1,752	4,498	11,107	-	-	313	109	7,066	7,488
OHIO 2/	50	425	5,968	5,350	-	11,793	664	611	4,502	657	690	7,124
OKLAHOMA	716	582	8,876	5,684	5,551	21,409	-	33	398	341	2,320	3,092
OREGON	-	1,409	2,661	4,981	592	9,643	68	285	1,341	2,274	3,359	7,327
PENNSYLVANIA	777	160	5,557	1,066	420	7,980	2,985	492	4,769	100	30	8,376
RHODE ISLAND	49	37	73	42	-	201	33	45	57	18	-	153
SOUTH CAROLINA	92	14	3,846	4,582	-	8,534	231	-	2,293	1,388	92	4,004
SOUTH DAKOTA	1,096	155	3,477	2,738	4,032	11,498	159	-	665	201	5,940	6,965
TENNESSEE	1,344	541	1,470	2,109	-	5,464	23	82	2,923	7,126	628	10,782
TEXAS	1,726	133	26,291	9,787	-	37,937	1,303	42	14,527	2,590	63	18,525
UTAH	20	15	1,445	1,189	491	3,160	54	45	644	582	2,845	4,170
VERMONT	97	-	873	876	67	1,913	25	39	381	148	393	986
VIRGINIA	368	442	4,047	5,349	-	10,206	26	83	1,368	922	-	2,399
WASHINGTON	53	-	3,955	2,855	486	7,349	274	37	3,497	1,692	1,180	6,680
WEST VIRGINIA	581	149	3,737	1,885	-	6,352	667	293	744	339	118	2,161
WISCONSIN	-	173	2,549	11,020	-	13,742	-	-	1,293	4,999	214	6,506
WYOMING	-	-	1,169	1,235	81	2,485	154	251	744	361	5,945	7,455
TOTAL	24,875	13,746	191,698	157,759	48,287	436,365	23,653	8,291	99,686	63,876	98,406	293,912
PERCENT/SYSTEM	5.7	3.2	43.8	36.2	11.1	100.0	8.1	2.9	33.7	21.8	33.5	100.0

# PAVEMENT CONDITION - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63  
SHEET 3 OF 4  
SEPTEMBER 1991

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

STATE	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL					
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	-	-	45	202	-	247	-	-	5	16	-	21	8	1	471	528	-	1,008
ALASKA	8	-	37	6	-	51	-	-	-	-	-	51	10	5	77	14	-	106
ARIZONA 2/	17	12	5	96	-	130	-	-	-	-	-	39	7	98	337	544	7	993
ARKANSAS	4	-	46	73	-	123	-	-	53	52	-	105	-	4	335	296	-	635
CALIFORNIA	28	2	508	445	-	983	3	2	522	736	-	1,263	305	143	3,437	2,056	-	5,941
COLORADO	9	-	67	73	-	149	-	-	94	70	-	164	42	-	541	346	-	929
CONNECTICUT	7	5	56	164	-	232	-	1	90	100	-	191	-	5	223	482	-	710
DELAWARE	-	-	2	39	-	41	-	-	-	1	-	1	10	5	61	60	-	136
DIST. OF COL.	3	-	7	2	-	12	7	1	15	1	-	24	6	6	68	19	-	99
FLORIDA	6	17	60	333	-	416	-	-	32	237	-	269	81	108	302	1,444	-	1,935
GEORGIA	22	1	54	295	-	372	5	6	60	77	-	148	16	3	447	1,002	-	1,468
HAWAII	1	-	21	16	-	38	3	2	31	17	-	53	2	2	55	35	-	94
IDAHO	10	12	4	49	-	75	-	-	-	-	-	-	6	15	49	114	-	184
ILLINOIS	9	9	116	412	-	546	-	3	36	44	-	83	-	66	1,376	930	-	2,372
INDIANA	-	13	52	220	-	285	-	2	26	84	-	112	4	23	602	717	-	1,346
IOWA	18	-	73	46	-	137	-	-	-	-	-	-	8	12	487	410	4	921
KANSAS	14	5	88	53	-	160	2	9	61	18	-	90	20	50	291	216	-	577
KENTUCKY	35	4	86	59	-	184	4	1	65	20	-	90	44	2	338	113	-	497
LOUISIANA	4	7	35	142	-	188	-	-	22	6	-	28	175	39	453	351	-	1,018
MAINE	1	1	22	29	-	53	1	-	5	8	-	14	5	-	90	128	-	223
MARYLAND	1	1	6	223	-	231	1	-	17	173	-	191	39	18	241	593	-	891
MASSACHUSETTS	5	-	128	264	-	397	-	-	111	163	-	274	52	18	1,208	557	-	1,845
MICHIGAN	30	46	144	455	-	675	-	1	141	58	-	200	54	9	1,187	702	-	1,952
MINNESOTA	3	-	102	112	-	217	-	3	98	37	-	138	7	5	408	165	-	585
MISSISSIPPI	-	-	49	75	-	124	-	-	5	29	-	34	47	-	220	333	-	600
MISSOURI	136	38	90	72	-	336	19	9	207	35	-	270	127	46	591	275	-	1,039
MONTANA	3	-	15	29	-	47	-	-	-	-	-	-	12	-	78	81	-	171
NEBRASKA	1	1	2	33	-	37	-	-	2	8	-	10	6	1	135	233	-	375
NEVADA	17	4	12	13	-	46	-	-	25	11	-	36	5	1	116	50	-	172
NEW HAMPSHIRE	1	5	38	-	-	44	-	-	33	-	-	33	3	6	143	38	-	190
NEW JERSEY	9	-	113	148	-	270	1	-	90	178	-	269	9	43	799	505	-	1,356
NEW MEXICO	2	1	61	30	-	94	3	-	-	-	-	3	16	4	367	72	-	459
NEW YORK	40	26	189	391	-	646	1	5	321	425	-	752	15	51	936	1,405	-	2,407
NORTH CAROLINA	-	-	61	167	-	228	1	3	53	150	-	207	62	21	261	1,402	-	1,746
NORTH DAKOTA	17	2	17	4	-	40	-	-	-	-	-	-	11	1	106	37	-	155
OHIO 2/	82	46	326	271	-	725	13	2	218	134	-	367	79	86	1,405	587	-	2,157
OKLAHOMA	8	-	31	168	-	207	3	-	51	135	-	189	3	11	208	560	-	782
OREGON	16	9	31	76	-	132	-	15	24	16	-	55	6	140	191	-	565	
PENNSYLVANIA	12	2	173	216	-	403	3	4	242	135	-	384	250	63	1,952	550	-	2,815
RHODE ISLAND	10	3	-	36	-	49	2	4	13	45	-	64	9	26	172	141	-	348
SOUTH CAROLINA	3	-	28	87	-	118	-	-	4	30	-	34	-	-	261	428	-	689
SOUTH DAKOTA	-	-	3	44	-	47	-	-	3	-	-	3	-	1	36	133	-	170
TENNESSEE	22	11	92	157	-	282	-	-	-	-	-	-	87	106	460	672	-	1,325
TEXAS	24	14	364	545	-	947	9	-	369	448	-	826	96	14	2,187	1,647	-	3,944
UTAH	-	-	32	114	-	146	-	-	2	11	-	13	-	2	158	88	-	248
VERMONT	4	-	23	7	-	34	1	-	14	-	-	15	1	-	58	50	-	109
VIRGINIA	45	1	57	196	-	299	-	9	77	101	-	187	18	8	360	616	-	1,002
WASHINGTON	-	5	83	152	-	240	-	-	44	148	-	192	8	17	575	659	-	1,259
WEST VIRGINIA	1	1	24	64	-	90	3	5	45	17	-	70	5	1	137	73	-	216
WISCONSIN	-	1	36	87	-	124	-	-	36	120	-	156	1	-	360	695	-	1,056
WYOMING	-	-	3	47	-	50	-	-	3	-	-	3	-	-	69	98	-	167
TOTAL	688	305	3,717	6,817	-	11,527	85	87	3,365	4,133	-	7,670	1,777	1,286	25,462	23,451	11	51,987
PERCENT/SYSTEM	6.0	2.7	32.3	59.0	-	100.0	1.2	1.2	43.9	53.7	-	100.0	3.5	2.5	48.8	45.2	0.0	100.0

## PAVEMENT CONDITION - URBAN - 1990<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-63  
SHEET 4 OF 4  
SEPTEMBER 1991

STATE	MINOR ARTERIAL						COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	7	44	703	857	-	1,611	82	74	733	818	-	1,707
ALASKA	2	-	75	4	-	81	8	25	70	28	33	164
ARIZONA 2/	52	76	419	457	6	1,010	100	277	620	569	84	1,650
ARKANSAS	-	2	604	365	25	996	22	19	701	241	23	1,006
CALIFORNIA	546	551	5,060	2,142	13	8,312	792	196	4,644	2,097	18	7,747
COLORADO	57	22	681	345	35	1,140	158	9	584	359	46	1,156
CONNECTICUT	10	28	411	500	-	949	24	96	878	916	2	1,916
DELAWARE	-	4	87	45	-	136	-	17	106	45	-	168
DIST. OF COL.	13	8	109	22	-	152	15	19	95	27	-	156
FLORIDA	1,005	52	284	1,064	-	2,405	4,634	11	1	70	64	4,780
GEORGIA	209	30	695	1,173	5	2,112	123	49	791	831	14	1,808
HAWAII	4	10	67	36	-	117	8	14	101	57	-	180
IDAHO	37	14	116	230	-	397	20	12	79	270	4	385
ILLINOIS	-	129	1,794	1,235	29	3,167	-	335	1,719	1,222	15	3,291
INDIANA	67	168	975	1,067	11	2,288	77	197	635	812	40	1,961
IOWA	10	21	328	878	48	1,285	16	40	272	597	122	1,047
KANSAS	33	215	457	323	10	1,038	96	125	349	161	39	770
KENTUCKY	107	15	889	83	-	1,094	159	16	700	26	1	902
LOUISIANA	164	8	459	480	-	1,111	340	94	401	311	-	1,146
MAINE	21	13	104	159	-	297	26	3	171	193	1	394
MARYLAND	9	35	251	663	-	958	25	37	386	726	-	1,174
MASSACHUSETTS	121	17	1,881	400	-	2,419	179	44	2,152	933	17	2,725
MICHIGAN	148	125	1,381	1,915	20	3,589	99	101	1,043	1,436	111	2,790
MINNESOTA	60	30	1,026	422	8	1,546	205	19	1,088	491	40	1,843
MISSISSIPPI	98	-	250	332	1	681	54	-	282	397	30	763
MISSOURI	169	121	909	428	-	1,627	466	15	775	160	81	1,497
MONTANA	31	23	138	15	4	211	21	16	150	35	4	226
NEBRASKA	26	19	285	197	10	537	9	7	258	121	10	405
NEVADA	32	12	258	40	-	342	24	37	364	6	1	432
NEW HAMPSHIRE	53	14	236	52	-	355	114	11	194	23	-	342
NEW JERSEY	35	252	1,402	1,199	-	2,888	148	130	1,114	528	1	1,919
NEW MEXICO	32	10	250	36	3	331	35	13	234	-	3	285
NEW YORK	5	3	1,200	2,960	-	4,168	6	110	1,098	2,727	2	3,943
NORTH CAROLINA	60	11	469	1,664	-	2,204	235	14	391	725	10	1,375
NORTH DAKOTA	7	4	207	28	24	270	19	4	157	26	20	226
OHIO 2/	80	42	1,985	684	1	2,792	56	261	3,378	451	-	4,146
OKLAHOMA	13	72	509	1,222	47	1,863	-	91	318	704	93	1,206
OREGON	20	137	327	531	3	1,018	43	112	309	509	2	975
PENNSYLVANIA	226	60	2,071	436	29	2,822	404	90	2,133	560	4	3,191
RHODE ISLAND	15	42	131	103	-	291	48	106	244	100	-	498
SOUTH CAROLINA	3	-	469	421	3	896	12	11	685	446	5	1,159
SOUTH DAKOTA	22	13	117	65	15	232	13	4	59	27	11	114
TENNESSEE	22	47	397	504	-	970	65	26	1,063	657	-	1,811
TEXAS	355	39	3,231	1,952	7	5,584	820	50	4,541	1,424	48	6,883
UTAH	1	2	274	151	1	429	4	-	278	193	1	476
VERMONT	-	3	84	41	2	130	-	9	100	57	12	178
VIRGINIA	57	19	629	937	-	1,642	42	15	607	740	-	1,404
WASHINGTON	19	13	914	754	9	1,709	15	28	1,192	535	7	1,777
WEST VIRGINIA	26	13	179	109	1	328	55	26	254	69	-	404
WISCONSIN	-	10	302	1,594	-	1,906	-	-	471	939	17	1,427
WYOMING	3	1	123	73	-	200	1	6	259	45	9	320
TOTAL	4,092	2,599	36,202	31,393	370	74,656	9,917	3,021	39,427	24,838	1,045	78,248
PERCENT/SYSTEM	5.5	3.5	48.4	42.1	0.5	100.0	12.7	3.9	50.3	31.8	1.3	100.0

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

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

MEASURED PAVEMENT ROUGHNESS - RURAL - 1990<sup>1</sup>MILEAGE BY FUNCTIONAL SYSTEM<sup>2</sup>MILEAGE AS OF DECEMBER 31, 1990  
COMPILED FROM REPORTS OF STATE AUTHORITIESTABLE HM-64  
SHEET 1 OF 3  
SEPTEMBER 1991

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



# MEASURED PAVEMENT ROUGHNESS - RURAL - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM<sup>2</sup>

TABLE HM-64  
SHEET 2 OF 3  
SEPTEMBER 1991

MILEAGE AS OF DECEMBER 31, 1990  
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	-	53	281	666	662	220	111	1	1,994	-	45	460	1,030	1,162	802	326	69	3,894
ALASKA	-	-	-	20	-	-	6	27	53	-	-	81	245	72	107	336	61	902
ARIZONA	-	6	356	310	190	81	40	54	1,037	-	31	345	511	463	359	332	140	2,181
ARKANSAS	433	60	460	518	240	123	97	-	1,498	146	1	1,057	1,141	635	171	16	-	3,021
CALIFORNIA	-	79	402	851	1,166	220	209	5	2,932	-	52	418	1,583	2,939	579	998	27	6,596
COLORADO	-	5	516	674	439	212	41	14	1,901	-	1	250	708	492	257	150	89	1,947
CONNECTICUT	-	-	3	17	32	47	113	14	226	-	-	-	-	39	98	211	124	472
DELAWARE	-	13	20	21	18	46	32	4	154	-	-	86	33	21	1	28	14	183
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	14	-	392	563	549	803	302	55	2,664	169	12	391	1,005	736	669	320	107	3,240
GEORGIA	-	846	1,610	242	7	-	3	10	2,705	367	5,869	-	5	-	-	11	9	5,874
HAWAII	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	20
IDAHO	-	-	-	26	147	343	977	155	1,648	-	-	9	15	72	182	617	132	1,027
ILLINOIS	-	1,845	3	239	342	87	214	11	2,741	-	5,086	-	-	15	15	129	3	5,081
INDIANA	-	69	405	250	178	78	102	20	1,102	-	255	585	1,225	422	203	315	129	3,134
IOWA	1,436	-	77	26	43	786	725	60	1,717	2,295	-	66	360	265	643	1,114	147	2,585
KANSAS	15	340	922	950	581	225	127	90	3,235	41	639	1,300	973	760	535	157	60	4,424
KENTUCKY	-	34	150	440	462	334	186	32	1,638	-	-	77	248	507	579	319	26	1,756
LOUISIANA	-	35	134	136	206	171	261	141	1,084	-	-	159	249	219	251	358	339	1,575
MAINE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	2	13	147	171	102	42	14	8	497	3	2	96	523	341	95	79	3	1,139
MASSACHUSETTS	68	2	11	32	35	57	34	3	174	389	-	11	99	46	92	115	17	380
MICHIGAN	-	175	804	695	239	265	200	20	2,398	28	121	1,174	978	553	442	543	30	3,841
MINNESOTA	-	-	139	1,071	696	670	694	87	3,357	-	-	165	1,196	1,797	993	874	298	5,323
MISSISSIPPI	-	-	170	548	347	285	157	69	1,576	-	-	180	1,310	1,020	288	1,159	180	4,137
MISSOURI	-	-	492	1,019	771	280	154	46	2,762	-	-	140	670	501	352	1,258	785	3,706
MONTANA	-	-	65	248	710	554	493	32	2,102	36	-	5	116	471	911	1,639	134	3,276
NEBRASKA	-	46	332	396	641	630	421	53	2,719	-	202	265	610	1,013	1,035	959	128	4,212
NEVADA	-	-	-	272	248	74	14	1	609	-	-	-	317	466	93	190	112	1,178
NEW HAMPSHIRE	-	20	150	102	34	13	-	-	319	-	35	369	168	48	34	7	3	664
NEW JERSEY	9	-	-	46	143	71	10	-	270	39	-	-	97	176	174	160	-	607
NEW MEXICO	-	535	390	276	156	14	5	-	1,376	-	395	639	399	517	195	148	-	2,293
NEW YORK	-	29	387	475	360	193	284	60	1,788	-	57	1,060	1,614	589	772	332	206	4,630
NORTH CAROLINA	27	2	105	682	611	311	243	22	1,976	234	-	11	410	584	355	431	14	1,805
NORTH DAKOTA	29	-	58	295	313	183	262	67	1,178	62	-	86	664	1,046	975	842	523	4,136
OHIO 6/	1,047	26	219	205	82	85	16	-	633	3,182	-	11	-	35	85	-	-	131
OKLAHOMA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	42	324	525	596	527	225	17	2,256	-	-	144	553	576	645	455	94	2,467
PENNSYLVANIA	-	17	76	239	335	373	535	213	1,788	-	22	197	800	1,463	1,349	1,343	792	5,966
RHODE ISLAND	74	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	-
SOUTH CAROLINA	-	2	469	633	273	80	56	6	1,519	-	9	946	1,175	638	421	226	22	3,437
SOUTH DAKOTA	42	-	38	348	697	554	536	113	2,276	22	-	139	492	386	805	1,328	215	3,365
TENNESSEE	-	542	427	72	11	5	2	-	1,059	-	2,111	1,638	354	35	6	-	24	4,168
TEXAS	-	-	1,649	3,062	2,479	498	206	9	7,903	-	-	892	2,555	2,742	546	173	6	6,914
UTAH	-	-	-	38	182	206	196	59	681	-	-	-	-	298	675	752	138	1,863
VERMONT	-	-	-	2	16	59	147	69	293	-	-	-	13	53	179	353	150	748
VIRGINIA	-	3	359	619	370	61	90	18	1,520	-	4	212	1,208	1,080	647	267	127	3,545
WASHINGTON	-	20	108	761	580	223	104	-	1,796	-	-	72	529	1,065	657	211	43	2,577
WEST VIRGINIA	-	-	42	110	115	72	147	26	512	3	3	75	337	504	344	346	116	1,725
WISCONSIN	-	-	460	1,044	866	556	297	66	3,289	-	-	647	1,479	1,034	812	1,024	72	5,068
WYOMING	9	860	15	29	32	34	44	-	1,014	196	1,589	29	17	109	16	140	-	1,900
TOTAL 7/	3,205	5,719	13,167	19,918	17,395	10,826	9,200	1,757	77,982	7,304	16,521	14,487	27,917	27,911	19,446	20,976	5,865	133,123
PERCENT/SYSTEM REPORTED	-	7.3	16.9	25.5	22.3	13.9	11.8	2.3	100.0	-	12.4	10.9	20.9	21.0	14.6	15.8	4.4	100.0

# MEASURED PAVEMENT ROUGHNESS - URBAN - 1990<sup>1</sup>

## MILEAGE BY FUNCTIONAL SYSTEM<sup>2</sup>

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

TABLE HM-64  
 SHEET 3 OF 3  
 SEPTEMBER 1991

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	-	39	65	41	13	9	42	38	247	-	-	-	-	-	1	-	-	21
ALASKA	-	-	3	-	3	16	18	11	61	-	-	-	-	-	-	-	-	-
ARIZONA	-	4	17	36	40	17	3	13	130	-	-	-	12	6	17	4	-	39
ARKANSAS	28	-	10	39	29	13	3	1	95	26	-	22	11	21	7	7	-	79
CALIFORNIA	-	46	86	144	406	165	136	-	983	-	40	141	320	449	174	134	5	1,263
COLORADO	-	2	14	56	42	18	15	2	149	-	1	32	43	20	33	-	-	164
CONNECTICUT	-	-	1	62	60	59	33	17	232	-	1	9	15	44	35	71	16	191
DELAWARE	-	1	15	10	4	5	5	1	41	-	-	-	-	-	1	-	-	1
DIST. OF COL.	-	-	-	-	3	1	2	6	12	-	-	-	-	-	-	1	23	24
FLORIDA	1	14	88	32	66	192	103	10	415	22	-	-	-	123	55	23	-	247
GEORGIA	-	169	128	71	4	-	-	-	372	-	38	90	18	2	-	-	-	148
HAWAII	-	-	-	-	-	3	30	5	38	10	-	-	-	3	24	16	-	43
IDAHO	-	-	-	1	17	16	38	3	75	-	-	-	-	-	-	-	-	-
ILLINOIS	-	176	4	87	132	78	51	20	546	-	30	-	26	6	6	10	5	83
INDIANA	-	33	75	40	64	36	32	5	285	-	4	28	11	28	12	24	5	112
IOWA	23	-	-	1	23	37	53	-	114	-	-	-	-	-	-	-	-	-
KANSAS	36	-	20	32	25	29	11	7	124	35	-	7	9	19	10	8	2	55
KENTUCKY	-	1	33	19	35	36	51	9	184	-	-	1	17	23	28	16	5	90
LOUISIANA	11	11	20	51	35	34	18	8	177	-	-	1	3	2	3	17	-	28
MAINE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	43	-	31	74	32	22	20	9	198	21	2	18	36	44	31	27	12	170
MASSACHUSETTS	-	8	32	156	117	56	23	5	397	31	-	5	53	95	50	34	6	243
MICHIGAN	-	-	102	70	103	96	48	33	456	-	2	21	28	63	48	26	4	197
MINNESOTA	-	-	15	31	110	24	34	9	217	-	-	6	29	31	47	21	5	198
MISSISSIPPI	-	-	2	30	31	33	26	2	124	-	-	3	17	6	5	2	1	34
MISSOURI	-	-	39	182	80	35	-	-	336	-	-	16	78	59	6	18	93	270
MONTANA	-	24	5	13	4	-	1	-	47	-	-	-	-	-	-	-	-	-
NEBRASKA	-	-	5	4	8	3	19	3	37	-	-	-	-	6	1	2	1	10
NEVADA	-	-	-	3	9	8	19	7	46	-	-	-	-	26	2	1	4	36
NEW HAMPSHIRE	-	3	17	23	-	-	1	-	44	-	-	8	21	4	-	-	-	33
NEW JERSEY	49	-	-	67	49	94	11	-	221	36	-	-	-	66	58	102	7	233
NEW MEXICO	-	29	32	25	7	1	-	-	94	3	-	-	-	-	-	-	-	-
NEW YORK	-	3	99	99	105	102	152	86	646	-	4	45	80	169	158	182	114	752
NORTH CAROLINA	-	-	-	41	73	44	52	18	228	22	-	6	43	39	41	48	8	185
NORTH DAKOTA	2	-	-	3	18	15	-	2	30	-	-	-	-	-	-	-	-	-
OHIO 6/	168	3	129	145	108	96	60	16	557	171	-	54	39	36	91	31	5	196
OKLAHOMA 5/	-	-	-	20	22	35	23	1	132	-	-	-	-	15	13	-	-	55
OREGON	-	-	9	74	101	83	91	45	403	-	-	6	23	64	85	141	71	384
PENNSYLVANIA	-	-	17	17	9	4	1	1	49	53	-	-	-	5	6	-	-	11
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	-	39	58	10	8	3	-	-	118	-	-	7	16	10	1	-	-	34
SOUTH DAKOTA	-	-	-	7	17	23	-	-	47	1	-	-	-	-	-	1	1	2
TENNESSEE	-	91	115	52	17	6	-	1	282	-	-	-	-	-	-	-	-	-
TEXAS	-	-	99	238	346	184	76	2	947	-	-	33	165	340	155	129	4	826
UTAH	-	-	-	1	25	45	64	11	146	-	-	-	-	2	5	5	1	13
VERMONT	-	-	-	22	9	3	-	-	34	-	-	-	-	10	1	3	1	16
VIRGINIA	-	37	66	96	74	16	10	37	299	-	-	19	51	70	22	16	9	187
WASHINGTON	-	53	66	66	41	21	3	3	240	-	-	54	57	39	32	10	-	192
WEST VIRGINIA	-	-	2	21	23	15	26	3	90	-	-	6	12	12	12	25	3	70
WISCONSIN	-	41	5	38	33	13	25	9	124	-	-	6	48	31	43	22	6	156
WYOMING	9	-	-	-	-	-	-	-	41	3	-	-	-	-	-	-	-	-
TOTAL 7/	370	742	1,498	2,226	2,653	1,781	1,560	437	10,897	437	121	647	1,353	2,008	1,239	1,205	457	7,030
PERCENT/SYSTEM REPORTED	-	6.8	13.7	20.4	24.5	16.3	14.3	4.0	100.0	-	1.7	9.2	19.2	28.7	17.6	17.1	6.5	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.  
 2/ DATA ARE REQUIRED FOR ALL RURAL ARTERIALS AND URBAN INTERSTATE AND OTHER FREEWAYS AND EXPRESSWAYS.  
 3/ SOME STATES DID NOT REPORT FOR ALL REQUIRED SYSTEMS.  
 4/ DATA ARE REPORTED AS THE INTERNATIONAL ROUGHNESS INDEX (IRI) IN INCHES PER MILE. REFERENCE: WORLD BANK TECHNICAL PAPER NUMBER 46, 1986. LOWER IRI REPRESENTS SMOOTHER RIDING ROADWAYS. SEE THE "ROADWAY EXTENT, CHARACTERISTICS AND PERFORMANCE" TEXT AT THE FRONT OF THE MILEAGE TABLES.  
 5/ DATA NOT REPORTED OR NOT USABLE FOR ANY SYSTEMS.  
 6/ 1990 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).  
 7/ TOTALS ONLY REFLECT THOSE STATES REPORTING USABLE OR PARTIALLY USABLE DATA.

# ESTIMATED LANE MILEAGE - 1990<sup>1</sup>

## BY FUNCTIONAL SYSTEM

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

TABLE HM-60  
SEPTEMBER 1991

STATE	RURAL							URBAN							TOTAL ESTIMATED LANE MILEAGE
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL 2/	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL 2/	TOTAL	
ALABAMA	2,568	5,379	8,151	23,347	13,948	97,472	150,865	1,203	89	3,333	3,907	3,685	24,520	36,737	187,602
ALASKA	2,118	110	1,831	3,660	1,635	14,268	23,622	183	-	330	182	350	2,294	3,339	26,961
ARIZONA	4,166	2,251	4,572	7,671	6,077	51,752	76,489	658	220	3,982	3,119	3,601	21,690	33,270	109,759
ARKANSAS	1,689	4,324	6,368	24,569	11,708	89,822	138,480	573	394	1,801	2,144	2,016	9,624	16,552	155,032
CALIFORNIA	6,599	8,393	13,766	26,278	19,800	111,792	186,628	7,255	6,888	22,220	23,776	16,907	99,352	176,398	363,026
COLORADO	3,212	4,448	4,075	14,661	23,564	84,800	134,760	739	666	3,263	2,851	2,460	15,468	25,447	160,207
CONNECTICUT	481	649	972	1,919	2,277	12,364	18,662	1,308	782	1,863	2,142	3,994	13,814	23,903	42,565
DELAWARE	-	502	414	1,223	305	5,462	7,906	241	3	513	348	358	2,266	3,729	11,635
DIST. OF COL.	-	-	-	-	-	-	-	73	112	448	419	325	1,318	2,695	2,695
FLORIDA	4,252	7,950	7,326	9,407	10,420	86,146	125,601	2,167	1,211	7,933	7,676	10,696	76,458	106,141	231,642
GEORGIA	3,815	6,962	12,259	28,156	14,547	114,242	179,981	2,310	653	4,731	5,199	3,872	31,640	48,405	228,386
HAWAII	29	35	796	901	226	3,222	5,209	248	224	332	333	396	2,060	3,593	8,802
IDAHO	2,067	3,518	2,087	9,878	7,545	96,222	121,317	302	-	591	900	781	2,776	5,350	126,667
ILLINOIS	5,731	7,730	10,627	28,582	7,154	153,860	213,684	2,872	368	7,925	8,311	7,213	45,048	71,737	285,421
INDIANA	3,521	3,284	7,433	20,250	20,606	97,768	152,862	1,396	453	4,115	5,096	4,007	23,752	38,819	191,681
IOWA	2,612	7,100	9,951	27,256	32,854	130,202	209,975	632	-	2,977	3,110	2,289	10,792	19,800	229,775
KANSAS	2,862	7,170	9,049	45,545	18,649	167,994	251,269	773	361	1,666	2,368	1,550	12,940	19,658	270,927
KENTUCKY	2,380	4,933	3,772	14,591	18,511	83,032	127,219	916	349	1,682	2,576	1,840	9,850	17,213	144,432
LOUISIANA	2,670	2,698	3,615	14,842	8,631	62,716	95,172	916	114	3,322	3,016	2,684	17,598	27,650	122,822
MAINE	1,277	1,496	2,215	6,558	4,508	24,456	40,510	214	55	547	605	790	3,026	5,237	45,747
MARYLAND	825	1,938	2,447	3,871	3,791	21,696	34,568	1,455	811	3,350	2,482	2,571	17,690	28,359	62,927
MASSACHUSETTS	828	667	1,633	4,058	3,750	16,182	27,118	2,334	1,116	4,392	4,991	5,442	26,372	44,647	71,765
MICHIGAN	3,289	5,893	8,055	34,642	14,988	118,100	184,967	2,562	900	7,306	9,217	5,970	35,380	61,335	246,302
MINNESOTA	2,780	8,202	10,769	23,260	33,760	154,678	233,449	1,111	585	1,913	4,062	4,077	19,758	31,506	264,955
MISSISSIPPI	2,240	4,956	8,426	23,502	5,821	88,556	132,901	531	134	1,959	1,575	1,800	10,308	16,107	149,008
MISSOURI	3,381	6,618	7,451	36,275	10,860	149,294	213,879	1,888	1,010	3,333	4,144	3,004	20,540	33,919	247,798
MONTANA	4,576	4,320	6,661	13,380	18,133	93,252	140,322	188	-	531	461	456	3,232	4,868	145,190
NEBRASKA	1,776	5,648	8,476	22,921	18,460	118,770	176,051	169	37	1,234	1,262	842	7,176	10,720	186,771
NEVADA	1,996	1,417	2,368	4,692	4,920	70,742	86,135	223	155	707	1,020	1,037	4,112	7,254	93,389
NEW HAMPSHIRE	778	719	1,369	2,476	2,458	17,550	25,350	201	130	457	751	684	2,938	5,161	30,511
NEW JERSEY	680	972	1,561	3,553	2,507	15,422	24,695	1,750	1,284	4,383	6,151	3,889	31,600	49,057	73,752
NEW MEXICO	3,642	3,398	4,778	8,549	4,768	76,178	101,311	414	14	1,832	923	637	8,652	12,472	113,783
NEW YORK	3,536	4,825	9,729	12,592	21,598	97,930	150,210	3,366	3,430	7,704	9,860	8,185	51,994	84,539	234,749
NORTH CAROLINA	2,900	5,323	4,586	21,558	18,098	102,266	154,731	1,024	834	5,589	6,073	2,855	26,970	42,345	197,076
NORTH DAKOTA	2,120	3,136	8,399	22,213	14,977	120,352	171,197	161	-	489	594	452	2,240	3,936	175,133
OHIO 3/	3,447	4,993	7,055	24,396	14,376	114,830	169,097	3,698	1,517	6,464	7,040	9,366	42,482	70,567	239,664
OKLAHOMA	2,892	5,029	6,844	42,723	6,089	138,718	202,295	989	828	2,536	4,496	2,580	15,672	27,101	229,396
OREGON	2,428	5,108	5,112	19,323	14,653	128,542	175,166	634	229	1,758	2,426	2,016	11,330	18,393	193,559
PENNSYLVANIA	4,676	5,293	12,581	16,117	16,761	125,776	181,204	1,834	1,535	8,368	6,331	6,485	37,458	62,011	243,215
RHODE ISLAND	84	211	208	421	306	1,964	3,194	301	273	974	651	994	6,676	9,869	13,063
SOUTH CAROLINA	2,705	4,174	7,563	17,247	8,009	73,072	112,770	582	137	2,484	2,387	2,447	12,894	20,931	133,701
SOUTH DAKOTA	2,624	5,167	6,830	22,996	13,933	96,326	147,776	188	14	631	478	232	2,336	3,779	151,555
TENNESSEE	3,175	2,779	8,870	11,004	21,179	94,092	141,099	1,382	-	4,618	2,634	3,914	21,904	34,452	175,551
TEXAS	9,196	22,305	15,393	77,383	37,085	287,228	448,690	5,265	3,893	14,651	15,744	15,036	141,184	195,773	644,363
UTAH	3,216	1,559	3,824	6,381	8,344	54,006	77,330	812	51	876	1,211	1,054	6,526	12,530	89,860
VERMONT	1,144	673	1,508	3,834	1,971	17,430	26,560	136	44	251	272	356	1,428	2,487	29,047
VIRGINIA	3,318	5,608	7,584	20,915	4,800	68,004	110,229	1,597	701	3,497	4,272	3,017	21,434	34,518	144,747
WASHINGTON	2,299	3,895	5,289	14,881	13,359	92,236	131,959	1,358	753	3,948	4,387	3,750	22,166	36,362	168,321
WEST VIRGINIA	1,734	1,425	3,644	12,709	4,323	40,672	64,507	375	214	577	699	844	3,936	6,645	71,152
WISCONSIN	2,172	7,632	10,415	27,516	12,973	132,720	193,428	599	689	3,260	4,674	2,964	19,452	31,638	225,066
WYOMING	3,452	2,072	4,228	4,997	14,816	46,678	76,243	200	12	571	457	648	2,424	4,312	80,555
<b>TOTAL</b>	<b>135,858</b>	<b>214,287</b>	<b>302,935</b>	<b>879,679</b>	<b>584,829</b>	<b>4,260,854</b>	<b>6,378,442</b>	<b>62,306</b>	<b>34,272</b>	<b>174,117</b>	<b>188,803</b>	<b>167,218</b>	<b>1,066,550</b>	<b>1,693,266</b>	<b>8,071,708</b>
PERCENT - TOTAL	1.7	2.7	3.8	10.9	7.3	52.6	79.0	0.8	0.4	2.2	2.4	2.1	13.1	21.0	100.0

1/ AS ESTIMATED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) DATA BY FHWA.  
2/ LOCAL FUNCTIONAL SYSTEM LANE MILEAGE ESTIMATED BY FHWA ASSUMING TWO AS

THE NUMBER OF LANES.  
3/ 1989 BASE DATA FACTORED TO 1990 LEVELS (1990 BASE DATA NOT AVAILABLE).

# HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1990<sup>1</sup>

## COUNT BY FUNCTIONAL SYSTEM

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

TABLE HM-65  
SEPTEMBER 1991

STATE	RURAL							URBAN							UN-CLASSIFIED <sup>2/</sup>	TOTAL BRIDGES
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL		
ALABAMA	800	959	1,416	3,181	2,661	4,460	13,267	542	9	571	275	159	606	2,162	-	15,429
ALASKA	134	101	40	270	61	97	703	25	3	46	19	2	26	121	-	824
ARIZONA	1,498	648	918	704	299	436	4,503	164	46	359	135	228	299	1,231	111	5,845
ARKANSAS	367	949	1,273	3,830	1,224	3,890	11,533	223	139	289	282	151	229	1,313	-	12,846
CALIFORNIA	1,336	1,249	2,728	5,254	822	1,149	12,538	2,148	2,491	1,110	2,491	29	1,417	9,686	183	22,407
COLORADO	674	551	460	729	120	3,338	5,872	310	192	382	318	144	283	1,629	-	7,501
CONNECTICUT	121	165	135	245	183	498	1,347	634	473	281	272	288	226	2,174	364	3,866
DELAWARE	-	49	32	85	26	201	393	91	-	104	57	61	34	347	-	740
DIST. OF COL.	-	-	-	-	-	-	-	70	28	92	23	11	13	237	-	237
FLORIDA	720	1,149	903	634	660	1,848	5,914	954	395	1,180	529	385	1,182	4,625	7	10,546
GEORGIA	607	812	1,642	2,871	839	4,622	11,393	546	113	616	548	399	593	2,815	2	14,210
HAWAII	8	11	185	154	31	132	521	82	102	92	31	20	69	396	134	1,051
IDAHO	350	265	166	700	196	1,628	3,305	88	1	75	69	52	130	415	-	3,720
ILLINOIS	1,004	177	2,373	3,774	758	12,530	20,616	1,020	105	843	1,001	607	656	4,232	7	24,855
INDIANA	1,039	417	871	2,621	2,187	7,323	14,458	856	242	513	512	432	630	3,185	-	17,643
IOWA	430	1,011	1,342	3,240	4,149	13,954	24,126	285	-	426	323	172	286	1,492	-	25,618
KANSAS	611	1,399	1,401	6,371	2,114	12,059	23,955	386	173	394	207	146	332	1,638	1	25,594
KENTUCKY	425	790	548	2,437	2,885	4,612	11,697	333	62	196	201	129	71	992	-	12,689
LOUISIANA	836	487	764	2,447	1,173	5,485	11,191	460	16	238	93	8	699	1,513	1,133	13,837
MAINE	180	143	190	495	235	938	2,181	71	17	83	81	68	46	365	27	2,573
MARYLAND	186	227	274	401	282	888	2,258	472	236	313	289	218	262	1,790	219	4,267
MASSACHUSETTS	269	166	176	364	44	860	1,869	835	354	700	428	679	270	3,166	-	5,035
MICHIGAN	410	450	681	2,255	502	3,104	7,402	727	240	637	587	564	440	3,195	1	10,598
MINNESOTA	289	624	848	2,068	1,417	6,654	11,100	399	161	249	475	322	318	1,924	-	13,024
MISSISSIPPI	565	986	1,274	7,049	949	5,332	16,155	198	22	223	140	78	423	1,084	1	17,240
MISSOURI	740	804	1,320	4,299	754	12,698	20,436	828	45	415	39	808	693	2,828	-	23,264
MONTANA	241	461	675	738	471	1,484	4,549	73	-	56	14	7	177	472	1	4,727
NEBRASKA	231	723	1,266	2,339	1,243	9,253	15,081	108	39	162	149	61	82	601	-	15,682
NEVADA	306	143	42	109	20	135	755	123	32	99	29	22	42	347	-	1,102
NEW HAMPSHIRE	281	162	190	290	210	1,016	2,119	102	59	74	89	53	66	443	6	2,588
NEW JERSEY	209	342	94	496	226	850	2,217	742	503	753	702	585	589	3,874	4	6,095
NEW MEXICO	641	649	248	520	302	492	2,852	200	20	135	43	82	106	566	-	3,418
NEW YORK	664	809	1,171	1,589	1,921	5,235	11,389	1,212	820	1,118	1,155	667	956	5,928	14	17,331
NORTH CAROLINA	461	774	426	2,288	1,894	7,441	13,284	355	307	686	525	175	849	2,697	-	16,181
NORTH DAKOTA	243	171	456	813	437	2,813	4,932	68	4	39	33	17	24	185	-	5,117
OHIO	980	1,089	1,243	4,327	3,630	11,948	23,217	1,268	693	854	993	1,079	1,114	6,001	-	29,218
OKLAHOMA	685	1,008	1,451	6,908	201	10,193	20,446	517	356	299	335	299	594	2,400	-	22,854
OREGON	520	740	914	1,282	1,882	402	5,740	272	199	180	110	53	241	1,055	10	6,805
PENNSYLVANIA	1,145	1,052	2,173	2,394	2,692	7,763	17,119	862	543	1,567	1,016	611	1,182	5,781	172	23,072
RHODE ISLAND	18	18	13	26	24	44	143	127	8	193	114	61	50	553	1	697
SOUTH CAROLINA	436	473	820	1,864	891	3,411	7,895	167	49	242	266	112	170	1,006	-	8,901
SOUTH DAKOTA	389	370	573	1,190	158	3,707	6,387	65	3	73	38	28	44	261	-	6,638
TENNESSEE	818	1,638	807	3,488	1,811	8,925	15,485	566	1	496	152	490	1,498	3,203	12	18,700
TEXAS	3,279	4,217	2,631	8,225	3,193	10,554	32,099	2,624	1,775	2,046	1,739	519	1,308	10,011	1,914	44,024
UTAH	447	156	203	283	121	673	1,863	327	6	94	70	43	234	774	-	2,637
VERMONT	275	93	271	181	11	1,160	2,498	38	11	22	32	39	20	162	-	2,680
VIRGINIA	816	647	909	2,373	655	4,431	9,791	693	165	438	561	225	410	2,515	223	12,529
WASHINGTON	345	551	490	1,164	807	1,787	5,144	532	8	603	247	151	153	1,694	150	6,988
WEST VIRGINIA	407	165	461	1,657	472	2,591	5,753	227	86	93	106	88	71	671	17	6,441
WISCONSIN	585	882	1,081	2,041	729	5,332	10,650	424	398	525	458	151	430	2,386	-	13,036
WYOMING	858	181	290	334	68	794	2,525	93	-	45	50	35	28	251	-	2,776
TOTAL	28,978	32,097	40,877	103,714	48,610	208,390	462,666	24,332	11,769	21,318	18,465	11,891	20,512	108,287	4,722	575,675
PERCENT - TOTAL	5.1	5.6	7.1	18.1	8.5	36.0	80.4	4.1	2.1	3.7	3.2	2.1	3.6	18.8	0.8	100.0

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

2/ FUNCTIONAL SYSTEM CODES NOT REPORTED OR UNUSABLE.

**LOCAL FUNCTIONAL SYSTEM MILEAGE - 1990**  
**IN RURAL AREAS**  
**BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME**

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

TABLE HM-67  
 SHEET 1 OF 3  
 SEPTEMBER 1991

STATE	PAVED SURFACE BY VOLUME GROUP					GRAVEL/SOIL SURFACE BY VOLUME GROUP					UNIMPROVED SURFACE BY VOLUME GROUP					TOTAL
	LESS THAN 50	50-199	200-499	500 AND OVER	TOTAL	LESS THAN 50	50-199	200-499	500 AND OVER	TOTAL	LESS THAN 50	50-199	200-499	500 AND OVER	TOTAL	
ALABAMA	1,248	8,412	11,532	3,769	24,961	6,559	15,930	937	-	23,426	342	7	-	-	349	48,736
ALASKA	49	37	143	7	236	3,475	280	1,702	236	5,693	1,134	35	15	21	1,205	7,134
ARIZONA	819	2,319	1,622	2,704	7,464	6,620	2,758	156	13	9,547	8,865	-	-	-	8,865	25,876
ARKANSAS	1,417	2,929	1,213	586	6,145	21,449	9,370	453	58	31,330	7,218	209	7	2	7,436	44,911
CALIFORNIA	7,019	14,318	5,615	1,123	28,075	7,233	2,479	413	206	10,331	15,743	1,224	349	174	17,490	55,896
COLORADO	2,400	1,062	72	6	3,540	16,001	10,496	88	25	26,610	12,000	250	-	-	12,250	42,400
CONNECTICUT	702	1,782	1,566	1,349	5,399	191	249	187	156	783	-	-	-	-	-	6,182
DELAWARE	25	758	880	890	2,553	167	8	-	-	175	3	-	-	-	3	2,731
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 1/	673	14,889	17,975	5,660	39,197	241	944	76	31	1,292	218	2,324	27	15	2,584	43,073
GEORGIA	49	132	21,485	2,512	24,178	15	9,454	356	77	9,902	32	22,702	181	126	23,041	57,121
HAWAII	25	145	714	489	1,373	48	149	20	-	217	21	-	-	-	21	1,611
IDAHO	398	6,536	281	28	7,243	11,163	5,390	1	5	16,559	18,353	5,955	1	-	24,309	48,111
ILLINOIS	3,110	22,050	8,562	4,168	37,890	18,934	19,130	824	152	39,040	-	-	-	-	39,040	76,930
INDIANA	2,631	8,541	5,815	2,078	19,065	14,235	6,592	876	197	21,900	5,860	1,639	285	135	7,919	48,884
IOWA	450	1,044	3,208	677	5,379	39,542	14,545	719	23	54,829	4,781	97	15	-	4,893	65,101
KANSAS	871	2,156	1,390	683	5,040	42,327	12,334	619	151	55,431	22,444	1,080	2	-	23,526	83,997
KENTUCKY	4,580	14,263	6,833	2,068	27,744	8,125	4,338	652	20	13,135	564	60	13	-	637	41,516
LOUISIANA	3,962	6,707	3,798	1,772	16,239	7,564	5,799	596	111	14,070	801	226	19	3	1,049	31,358
MAINE	1,299	2,655	2,447	1,414	7,815	2,703	1,437	253	20	4,413	-	-	-	-	-	12,228
MARYLAND	1,138	4,680	2,268	1,470	9,556	341	691	73	151	1,256	36	-	-	-	36	10,848
MASSACHUSETTS	-	1,954	3,263	-	5,217	-	1,532	1,163	-	2,695	-	117	62	-	179	8,091
MICHIGAN	1,737	8,008	4,031	1,903	15,679	21,095	19,912	1,999	365	43,371	-	-	-	-	59,050	
MINNESOTA	458	2,475	2,092	957	5,982	36,164	26,863	3,960	544	67,531	2,709	1,075	36	6	3,826	77,339
MISSISSIPPI	46	17,336	275	2,301	19,958	145	23,788	65	322	24,320	-	-	-	-	-	44,278
MISSOURI	20	1,139	5,900	1,902	8,961	41,577	15,733	6,912	-	65,222	387	77	-	-	464	74,647
MONTANA	970	1,200	500	700	3,370	26,988	4,600	700	150	32,438	10,818	-	-	-	10,818	46,626
NEBRASKA	619	861	1,050	753	3,273	32,284	13,776	947	331	47,338	8,752	20	2	-	8,774	59,385
NEVADA	348	1,249	610	165	2,372	32,566	433	-	-	32,999	-	-	-	-	-	35,371
NEW HAMPSHIRE	940	2,438	1,671	295	5,344	2,554	863	14	-	3,431	-	-	-	-	8,775	
NEW JERSEY	1,724	2,447	1,984	1,085	7,240	174	257	35	-	466	5	-	-	-	7,711	
NEW MEXICO	3	960	517	-	1,480	365	15,176	5,637	-	21,178	261	10,205	4,965	-	15,431	38,089
NEW YORK	11,394	7,860	5,049	7,624	31,927	6,364	5,510	3,540	-	15,414	1,624	-	-	-	1,624	48,965
NORTH CAROLINA	100	22,725	14,162	5,823	42,810	2,112	1,261	41	10	3,424	2,293	2,481	91	34	4,899	51,133
NORTH DAKOTA	103	467	822	40	1,432	45,860	823	179	-	46,868	11,866	10	-	-	11,876	60,176
OHIO 1/	6,387	17,501	10,625	5,237	39,751	6,220	6,660	2,576	1,155	16,811	605	308	96	44	1,053	57,415
OKLAHOMA 2/	2,716	6,027	3,000	1,475	13,218	30,583	10,217	496	102	41,398	14,161	577	4	1	14,743	69,359
OREGON	827	7,159	1,370	120	9,476	24,045	8,662	20	-	32,727	22,068	-	-	-	22,068	64,271
PENNSYLVANIA	8,248	18,971	10,453	5,532	43,204	4,141	8,270	3,213	1,446	17,070	646	1,277	479	212	2,614	62,888
RHODE ISLAND	19	173	44	39	275	98	378	94	14	524	12	132	33	6	183	982
SOUTH CAROLINA	1,022	13,720	3,945	2,252	20,939	254	255	5	1	515	576	14,390	91	25	15,082	36,536
SOUTH DAKOTA	691	933	427	193	2,244	39,003	3,970	111	17	43,101	2,813	5	-	-	2,818	48,163
TENNESSEE	4,957	13,832	3,942	1,451	24,182	15,033	3,329	434	68	22,864	-	-	-	-	47,046	
TEXAS	5,085	11,560	11,343	1,511	29,499	35,666	17,306	6,120	160	59,172	44,793	8,353	1,756	41	54,943	143,614
UTAH	1,457	1,115	549	401	3,522	9,003	1,951	276	210	11,440	11,005	870	123	43	12,041	27,003
VERMONT	-	477	1,176	238	1,891	3,503	2,892	34	-	5,789	36	-	-	-	35	8,715
VIRGINIA	1,079	12,294	6,493	2,363	22,229	4,228	6,414	268	250	11,160	92	384	7	130	613	34,002
WASHINGTON	2,435	4,450	2,375	946	10,206	15,417	6,881	756	327	23,381	11,175	1,227	129	-	12,531	46,118
WEST VIRGINIA	1,139	3,213	2,034	956	7,342	5,694	3,742	610	81	10,127	2,745	102	20	-	2,867	20,336
WISCONSIN	20,734	15,251	4,177	844	41,006	21,813	2,659	272	13	24,757	595	2	-	-	597	86,360
WYOMING	262	1,245	98	29	1,634	17,076	695	393	40	18,204	3,481	20	-	-	3,501	23,339
TOTAL	108,385	314,445	201,337	80,588	704,755	684,818	344,187	50,231	7,238	1,086,474	251,932	77,438	8,810	1,018	339,198	2,130,427
PERCENT - TYPE	15.4	44.6	28.6	11.4	100.0	63.0	31.7	4.6	0.7	100.0	74.3	22.8	2.6	0.3	100.0	-
PERCENT - TOTAL	5.1	14.7	9.5	3.8	33.1	32.0	16.2	2.4	0.4	51.0	11.8	3.6	0.4	0.1	15.9	100.0

Roadway Extent, Characteristics, and Performance

## LOCAL FUNCTIONAL SYSTEM MILEAGE - 1990

### IN SMALL URBAN AREAS (5,000 - 49,999 POPULATION) BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

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

TABLE HM-67  
SHEET 2 OF 3  
SEPTEMBER 1991

STATE	PAVED SURFACE BY VOLUME GROUP					GRAVEL/SOIL SURFACE BY VOLUME GROUP					UNIMPROVED SURFACE BY VOLUME GROUP					TOTAL
	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	
ALABAMA	192	956	1,113	175	2,436	145	37	-	-	182	7	-	-	-	7	2,625
ALASKA	11	77	60	5	153	31	35	49	-	115	-	-	-	-	-	268
ARIZONA	269	311	406	638	1,624	237	99	-	-	336	134	-	-	-	134	2,094
ARKANSAS	1,074	563	315	42	1,994	372	29	13	1	415	19	-	-	-	19	2,428
CALIFORNIA	1,516	2,728	1,515	303	6,062	266	146	22	9	443	134	45	-	-	179	6,684
COLORADO	150	310	350	90	900	38	50	26	15	129	3	12	-	-	15	1,044
CONNECTICUT	62	66	62	17	247	2	2	1	-	5	-	-	-	-	-	252
DELAWARE	-	4	153	2	159	1	-	-	-	1	-	-	-	-	-	160
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 1/	1,354	1,554	779	1,313	5,000	61	16	1	25	103	48	2	-	2	52	5,155
GEORGIA	7	1,941	1,674	167	3,789	66	-	8	1	75	353	1	7	7	368	4,232
HAWAII	14	176	69	59	318	1	-	-	-	1	-	-	-	-	-	319
IDAHO	318	401	77	1	797	65	-	-	-	65	12	-	-	-	12	874
ILLINOIS	1,205	1,352	1,148	84	3,789	187	-	-	-	187	-	-	-	-	-	3,976
INDIANA	814	837	993	304	2,948	155	79	92	13	339	22	17	20	8	67	3,554
IOWA	368	856	773	72	2,069	144	80	38	1	263	8	2	-	-	10	2,342
KANSAS	769	749	783	125	2,426	289	57	12	2	360	4	1	-	-	5	2,791
KENTUCKY	913	594	378	49	1,934	64	-	-	-	64	1	-	-	-	1	1,999
LOUISIANA	2,109	28	43	16	2,196	337	9	3	2	351	9	-	-	-	9	2,556
MAINE	191	186	137	17	531	16	4	1	-	21	-	-	-	-	-	552
MARYLAND	250	337	173	38	798	-	11	6	-	17	1	-	-	-	1	816
MASSACHUSETTS	32	635	485	-	1,152	9	83	56	-	148	-	4	11	-	15	1,315
MICHIGAN	1,104	681	471	73	2,329	390	73	13	1	417	-	-	-	-	-	2,746
MINNESOTA	31	79	1,662	50	1,822	67	23	516	2	608	-	-	5	-	5	2,435
MISSISSIPPI	6	17	2,312	30	2,365	2	1	162	-	165	-	-	4	-	4	2,534
MISSOURI	1,712	629	34	16	2,391	67	-	-	-	67	20	-	-	-	20	2,478
MONTANA	60	240	320	25	645	123	20	-	-	143	3	-	-	-	3	791
NEBRASKA	468	481	256	20	1,225	164	49	4	-	217	3	1	-	-	4	1,446
NEVADA	-	6	294	-	300	11	17	-	-	28	-	-	-	-	-	328
NEW HAMPSHIRE	157	237	73	19	486	16	2	-	-	18	-	-	-	-	-	504
NEW JERSEY	179	132	156	50	516	45	14	-	-	59	8	-	-	-	8	583
NEW MEXICO	649	496	333	2	1,479	224	283	43	-	550	23	53	10	-	86	2,115
NEW YORK	684	1,048	751	-	2,483	16	63	-	-	79	25	-	-	-	25	2,587
NORTH CAROLINA	2,164	816	957	296	4,233	57	2	-	-	59	29	1	-	-	30	4,322
NORTH DAKOTA	1	29	387	-	417	60	45	1	-	106	18	-	-	-	18	541
OHIO 1/	590	761	903	953	3,207	83	67	85	96	331	5	4	5	3	17	3,555
OKLAHOMA 2/	1,102	785	665	99	2,641	322	42	12	1	377	68	1	-	-	69	3,087
OREGON	477	617	486	20	1,580	194	-	-	-	194	68	-	-	-	68	1,842
PENNSYLVANIA	693	836	747	380	2,656	29	33	31	15	108	-	-	2	-	2	2,766
RHODE ISLAND	122	41	54	30	247	11	4	5	3	23	1	1	1	-	3	273
SOUTH CAROLINA	985	206	268	74	1,533	-	-	-	-	-	148	2	-	1	151	1,684
SOUTH DAKOTA	26	130	153	115	424	29	61	11	2	93	2	-	-	-	2	519
TENNESSEE	1,180	872	604	140	2,796	75	17	3	-	95	-	-	-	-	-	2,891
TEXAS	39	2,139	7,031	12	9,221	40	1,018	2,159	-	3,217	32	395	743	-	1,170	13,608
UTAH	56	142	314	83	595	10	26	35	3	74	2	4	-	-	9	678
VERMONT	-	141	135	55	331	56	10	-	-	66	2	-	3	-	-	397
VIRGINIA	162	218	859	68	1,307	2	1	5	1	9	-	-	-	-	-	1,316
WASHINGTON	688	408	229	43	1,368	51	8	3	-	62	7	-	-	-	7	1,437
WEST VIRGINIA	426	184	116	61	787	57	5	-	-	62	3	-	-	-	3	852
WISCONSIN	957	1,030	198	42	2,227	81	64	2	-	147	-	-	-	-	-	2,374
WYOMING	230	196	59	4	489	130	10	2	-	142	10	-	-	-	10	641
TOTAL	26,586	28,277	32,282	6,277	93,422	4,838	2,685	3,420	193	11,136	1,230	546	811	21	2,608	107,166
PERCENT - TYPE	28.5	30.3	34.5	6.7	100.0	43.5	24.1	30.7	1.7	100.0	47.2	20.9	31.1	0.8	100.0	-
PERCENT - TOTAL	24.9	26.4	30.0	5.9	87.2	4.5	2.5	3.2	0.2	10.4	1.2	0.5	0.7	0.0	2.4	100.0

**LOCAL FUNCTIONAL SYSTEM MILEAGE - 1990**  
**IN URBANIZED AREAS (50,000 OR MORE POPULATION)**  
**BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME**

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

TABLE HM-67  
 SHEET 3 OF 3  
 SEPTEMBER 1991

STATE	PAVED SURFACE BY VOLUME GROUP					GRAVEL/SOIL SURFACE BY VOLUME GROUP					UNIMPROVED SURFACE BY VOLUME GROUP					TOTAL
	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	
ALABAMA	1,800	2,450	4,045	984	9,279	96	132	123	-	351	5	-	-	-	5	9,635
ALASKA	137	120	230	16	503	92	118	166	-	376	-	-	-	-	-	879
ARIZONA	2,128	2,458	1,448	2,402	8,436	256	41	3	-	900	15	-	-	-	15	8,751
ARKANSAS	1,026	630	451	52	2,189	171	14	3	-	188	7	-	-	-	7	2,384
CALIFORNIA	8,206	18,460	10,255	4,102	41,023	758	416	53	25	1,262	530	177	-	-	707	42,992
COLORADO	231	3,610	2,070	460	6,371	6,371	106	100	22	278	20	21	-	-	41	6,690
CONNECTICUT	2,178	2,310	1,650	462	6,600	19	19	13	-	55	-	-	-	-	-	6,655
DELAWARE	2	9	673	253	937	9	-	26	-	35	1	-	-	-	1	973
DIST. OF COL.	-	65	587	7	659	-	-	-	-	-	-	-	-	-	-	659
FLORIDA 1/	8,095	3,707	5,395	14,885	32,082	131	140	107	283	661	144	42	6	139	331	33,074
GEORGIA	78	130	10,731	266	11,205	54	-	152	-	207	34	-	139	3	176	11,588
HAWAII	55	60	70	524	709	2	-	-	-	2	-	-	-	-	-	711
IDAHO	-	401	77	4	482	30	-	-	-	30	2	-	-	-	2	514
ILLINOIS	1,786	6,121	8,346	1,855	18,108	440	-	-	-	440	-	-	-	-	-	18,548
INDIANA	1,465	1,760	2,965	1,171	7,361	325	151	378	76	930	110	29	78	14	231	8,522
IOWA	400	713	1,506	116	2,735	159	76	50	1	286	21	8	4	-	33	3,054
KANSAS	1,456	925	722	259	3,362	236	70	11	-	317	-	-	-	-	-	3,679
KENTUCKY	570	707	905	695	2,877	49	-	-	-	49	-	-	-	-	-	2,926
LOUISIANA	5,895	11	11	9	5,726	501	6	1	-	508	9	-	-	-	9	6,243
MAINE	341	301	204	31	877	73	9	2	-	84	-	-	-	-	-	961
MARYLAND	3,086	3,219	1,095	540	7,940	7	44	-	37	88	1	-	-	-	1	8,029
MASSACHUSETTS	150	773	10,042	-	10,965	16	81	784	-	881	-	9	-	-	25	11,871
MICHIGAN	3,086	3,459	5,937	615	13,077	775	461	515	116	1,867	-	-	16	-	-	14,944
MINNESOTA	111	64	6,208	263	6,646	75	29	678	5	785	1	2	10	-	13	7,444
MISSISSIPPI	17	22	2,438	22	2,499	3	-	117	-	120	-	-	1	-	1	2,620
MISSOURI	4,436	2,756	458	52	7,702	63	-	-	-	63	27	-	-	-	27	7,792
MONTANA	55	200	401	70	726	70	29	-	-	99	-	-	-	-	-	825
NEBRASKA	746	768	410	29	1,953	86	26	2	-	114	56	19	-	-	75	2,142
NEVADA	-	30	1,133	-	1,163	531	26	8	-	565	-	-	-	-	-	1,728
NEW HAMPSHIRE	244	540	140	19	943	16	6	-	-	22	-	-	-	-	-	965
NEW JERSEY	1,881	3,763	7,149	2,268	16,051	101	56	-	-	157	9	-	-	-	9	16,217
NEW MEXICO	66	6	1,523	133	1,728	5	1	427	-	433	-	-	50	-	50	2,211
NEW YORK	4,504	8,992	5,127	4,350	22,973	146	129	-	-	275	162	-	-	-	162	23,410
NORTH CAROLINA	4,395	981	2,867	766	9,009	48	2	-	-	50	92	8	4	-	104	9,163
NORTH DAKOTA	3	54	458	-	515	21	24	15	-	60	4	-	-	-	4	579
OHIO 1/	2,489	3,307	4,634	6,027	16,457	210	139	337	500	1,186	17	5	14	7	43	17,686
OKLAHOMA 2/	1,992	1,248	941	271	4,452	187	39	6	-	232	65	-	-	-	65	4,749
OREGON	928	1,364	630	255	3,377	340	-	-	-	340	106	-	-	-	106	3,823
PENNSYLVANIA	4,011	5,261	6,260	1,265	15,797	41	59	53	13	160	-	-	4	2	6	15,963
RHODE ISLAND	1,311	446	540	437	2,734	119	41	107	29	295	20	6	5	2	35	3,065
SOUTH CAROLINA	3,636	295	298	153	4,381	7	-	-	-	7	373	1	-	1	375	4,763
SOUTH DAKOTA	-	-	620	2	620	-	10	-	17	29	-	-	-	-	-	649
TENNESSEE	2,801	1,827	2,035	1,317	7,980	59	20	2	-	81	-	-	-	-	-	8,061
TEXAS	2,440	3,395	43,055	345	49,235	199	599	6,043	2	6,843	21	49	836	-	906	56,984
UTAH	34	338	2,872	261	3,505	11	22	36	1	70	1	4	5	-	10	3,585
VERMONT	-	48	189	60	297	-	20	-	-	20	-	-	-	-	-	317
VIRGINIA	1,911	2,392	3,306	1,751	9,360	30	3	4	2	39	1	-	1	-	2	9,401
WASHINGTON	2,605	3,513	2,316	676	9,010	264	211	101	-	576	26	34	-	-	60	9,646
WEST VIRGINIA	624	196	247	117	1,084	27	3	-	-	30	2	-	-	-	2	1,116
WISCONSIN	2,532	3,353	990	182	7,117	104	124	5	2	235	5	-	-	-	5	7,352
WYOMING	301	70	42	4	417	133	16	-	-	149	-	-	-	-	-	571
<b>TOTAL</b>	<b>86,883</b>	<b>97,628</b>	<b>65,262</b>	<b>51,441</b>	<b>400,234</b>	<b>7,147</b>	<b>3,512</b>	<b>10,436</b>	<b>136</b>	<b>22,231</b>	<b>1,887</b>	<b>416</b>	<b>1,173</b>	<b>168</b>	<b>3,644</b>	<b>426,109</b>
PERCENT - TYPE	21.5	24.4	41.2	12.9	100.0	32.1	15.8	47.0	5.1	100.0	51.8	11.4	32.2	4.6	100.0	-
PERCENT - TOTAL	20.2	23.0	38.6	12.1	93.9	1.7	0.8	2.4	0.3	5.2	0.5	0.1	0.3	0.0	0.9	100.0

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

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

# MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1990<sup>1</sup>

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

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

TABLE HM-71  
SHEET 1 OF 2  
SEPTEMBER 1991

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
NEW YORK-NORTHEASTERN NJ	NY	NJ	426	617	2,019	4,022	3,419	24,773	35,276	40,844	42,074	52,054	40,346	14,198	35,494	225,010
LOS ANGELES-LONG BEACH-POMONA-ONTARIO	CA		349	246	2,952	2,730	2,509	16,287	25,073	70,099	40,246	85,989	32,463	10,452	13,424	250,673
CHICAGO-NORTHWESTERN IN	IL	IN	370	62	1,302	1,655	1,729	13,991	19,309	95,049	2,983	92,046	24,676	13,896	14,681	123,471
PHILADELPHIA	PA		155	142	1,004	1,152	963	7,399	10,815	11,662	6,663	21,307	11,487	5,612	8,940	65,759
DETROIT	MI	NJ	207	74	880	1,433	1,261	6,750	12,605	20,813	5,832	23,673	15,834	5,584	6,237	78,223
SAN FRANCISCO-OAKLAND	CA		194	143	521	1,083	947	6,120	9,008	24,739	15,858	13,993	13,202	4,117	5,041	76,950
WASHINGTON	DC	MD, VA	163	125	559	842	801	6,066	8,556	20,222	5,311	17,860	11,472	4,566	4,892	64,323
DALLAS-FORT WORTH	TX		273	164	551	1,148	2,124	14,686	18,946	23,298	12,514	9,699	6,659	17,614	80,200	
BOSTON	MA		145	112	787	996	1,244	6,039	9,323	15,245	6,362	12,541	6,598	3,537	7,055	51,338
HOUSTON	TX		140	175	451	990	923	14,322	17,001	16,823	12,432	8,829	4,479	16,408	71,613	
SAN DIEGO	CA		139	91	243	764	569	3,892	5,698	20,679	7,009	6,844	10,669	3,175	3,230	51,606
MINNEAPOLIS-ST. PAUL	MN		186	109	132	916	1,181	6,429	8,951	12,540	5,250	3,642	11,719	5,702	4,732	43,185
BALTIMORE	MD		127	110	406	512	593	4,210	5,948	11,657	4,140	9,849	5,739	2,576	2,413	36,374
ST. LOUIS	MO	IL	214	52	529	679	799	4,891	7,164	16,388	2,027	11,178	7,685	3,123	4,887	45,288
PHOENIX	AZ		59	39	731	536	970	7,061	9,396	5,477	2,378	17,535	4,744	2,281	7,235	39,654
ATLANTA	GA		221	47	427	799	673	7,524	9,691	21,642	2,619	10,335	11,538	6,252	12,445	64,831
MIAMI	FL		28	83	173	355	421	4,542	5,602	2,991	7,001	6,804	6,838	3,079	6,813	33,526
CLEVELAND	OH		180	46	367	537	824	3,582	5,536	12,065	1,631	5,893	4,778	2,229	5,693	32,289
SEATTLE-EVERETT	WA		107	63	442	551	740	4,569	6,472	13,006	3,111	9,128	7,426	3,678	4,491	40,840
PITTSBURGH	PA		137	67	571	889	939	4,962	7,555	5,404	1,792	10,911	6,665	3,512	3,982	32,466
DENVER	CO		92	85	478	444	527	4,304	5,930	7,716	3,552	9,159	2,791	1,490	2,442	27,150
SAN JOSE	CA		41	124	218	435	328	2,568	3,714	5,726	10,055	6,731	6,315	1,480	2,138	32,445
KANSAS CITY	MO	KS	180	139	283	720	371	4,514	6,207	9,464	3,091	4,812	6,083	1,630	2,388	27,468
MILWAUKEE	WI		75	31	283	806	406	3,188	4,788	5,959	1,729	4,388	7,722	1,180	7,681	28,659
FORT LAUDERDALE-HOLLYWOOD	FL		52	51	181	221	369	3,334	4,208	4,638	1,444	6,414	3,949	2,854	5,000	24,299
PORTLAND	OR	WA	85	43	190	521	579	3,096	4,514	6,513	2,366	4,004	5,127	2,646	1,780	22,416
SAN BERNARDINO-RIVERSIDE	CA		70	51	239	478	439	2,473	3,750	7,269	5,309	4,153	4,541	1,768	2,009	25,049
SAN ANTONIO	TX		127	35	263	263	475	5,478	6,730	7,728	5,142	2,054	2,011	6,831	25,317	
CINCINNATI	OH	KY	139	21	242	301	514	2,570	3,787	10,808	3,671	2,786	2,076	3,723	23,612	
SACRAMENTO	CA		50	47	236	246	326	2,590	3,495	4,666	4,600	6,993	3,676	1,755	1,929	23,619
NEW ORLEANS	LA		39	22	149	319	201	2,252	2,982	2,784	1,014	3,521	3,889	1,035	4,500	16,723
BUFFALO	NY		72	76	282	394	330	2,431	3,585	3,281	1,844	4,912	3,648	1,470	1,848	17,003
ST. PETERSBURG	FL		32	11	120	143	447	3,488	4,241	1,422	78	4,387	3,315	3,547	5,233	17,982
NORFOLK-PORTSMOUTH	VA		49	47	183	381	336	2,484	3,480	3,859	2,047	4,255	4,440	1,196	4,476	20,273
MEMPHIS	TN	AR, MS	72	-	168	237	215	2,415	3,107	4,343	-	4,236	3,758	1,635	2,159	16,131
PROVIDENCE-PAWTUCKET-WARWICK	RI	MA	71	44	358	309	513	3,035	4,336	4,051	1,064	5,034	3,047	1,532	2,630	17,368
INDIANAPOLIS	IN		125	17	225	471	412	2,557	3,807	8,476	1,054	3,693	3,680	1,290	3,476	21,074
ORLANDO	FL		30	40	113	238	249	2,335	3,005	2,921	942	4,474	4,023	1,889	3,501	17,730
COLUMBUS	OH		111	29	179	290	348	2,239	3,195	7,443	1,695	3,059	1,375	1,129	2,815	17,516
SALT LAKE CITY	UT		80	11	98	216	217	2,218	2,840	4,954	379	2,035	3,431	1,841	2,529	15,169
LOUISVILLE	KY	IN	111	18	146	317	304	1,790	2,686	5,908	286	2,944	3,681	1,614	3,241	17,674
JACKSONVILLE	FL		79	19	159	190	324	2,894	3,665	4,761	617	4,003	3,084	980	4,340	17,785
WEST PALM BEACH	FL		38	20	115	171	159	2,089	2,592	4,834	465	2,870	2,326	1,114	3,132	14,741
TAMPA	FL		46	14	110	96	330	2,645	3,243	3,458	364	3,461	2,557	1,931	3,987	15,783
BIRMINGHAM	AL		112	3	107	360	344	3,329	4,255	5,699	187	2,773	1,205	4,489	17,071	
HONOLULU	HI		34	31	51	63	110	585	874	3,801	1,424	1,571	1,124	894	2,154	10,966
NASHVILLE-DAVIDSON	TN		96	-	237	113	157	2,171	2,774	6,063	-	5,440	1,180	948	1,976	15,607
ROCHESTER	NY		53	41	37	376	191	1,713	2,411	2,667	1,688	702	5,045	1,198	1,370	12,610
DAYTON	OH		84	16	153	178	360	1,861	2,632	3,658	563	2,695	1,708	1,317	2,355	12,296
HARTFORD	CT		82	39	232	212	393	1,457	2,395	4,907	1,318	3,673	1,611	1,490	895	13,698
RICHMOND	VA		62	31	125	211	223	1,689	2,341	3,641	1,131	3,002	2,956	1,120	2,231	14,061
SPRINGFIELD-CHICOPEE-HOLYOKE	MA	CT	66	12	247	287	249	1,655	2,522	3,091	1,305	3,140	2,143	804	1,436	10,919
AUSTIN	TX		22	49	78	119	138	2,165	2,338	2,338	2,555	1,806	1,778	887	2,933	11,595
OMAHA	NE	IA	42	5	150	219	188	1,708	2,312	1,885	174	3,122	2,034	841	1,023	9,059
EL PASO	TX		27	21	169	135	95	2,207	2,654	2,105	708	2,588	1,013	449	2,593	9,456
AKRON	OH		60	27	78	211	319	1,932	2,627	3,204	943	1,160	1,734	1,064	2,725	10,830
TACOMA	WA		23	32	192	293	222	1,477	2,239	2,673	1,566	3,129	2,438	668	1,295	11,771
ALBANY-SCHENECTADY-TROY	NY		84	20	183	234	273	1,760	2,554	3,610	552	3,121	1,967	967	1,246	11,463
DXNARD-VENTURA-THOUSAND OAKS	CA		-	56	160	144	122	1,033	1,515	-	5,117	2,966	1,171	534	856	10,646
FRESNO	CA		-	29	144	166	135	1,320	1,796	-	1,582	3,184	1,614	506	1,091	7,977
CHARLOTTE	NC		32	4	145	184	115	1,601	2,081	2,390	118	3,083	1,682	423	2,450	10,146
OKLAHOMA CITY	OK		99	35	218	518	389	2,435	3,694	5,635	1,300	3,581	3,687	1,079	3,268	18,550
WILMINGTON	DE	MD, NJ	47	6	126	134	157	1,206	1,676	2,748	135	3,093	1,358	823	1,563	9,720
ALBUQUERQUE	NM		41	3	193	136	151	1,308	1,832	2,335	97	4,393	1,486	902	1,030	10,243
TOLEDO	OH	MI	61	3	113	205	210	1,397	1,989	2,714	95	1,895	1,414	724	2,600	9,442
BRIDGEPORT	CT		19	40	54	180	237	1,170	1,700	2,052	1,747	792	1,627	1,153	483	7,854



# MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1990 <sup>1</sup>

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

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

TABLE HM-71  
 SHEET 2 OF 2  
 SEPTEMBER 1991

FEDERAL-AID URBANIZED AREA 2/	STATE LOCATION		MILEAGE							DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS)						
	PRI- MARY	OTHER(S)	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL
SCRANTON-MILKES-BARRE	PA		33	22	154	163	126	949	1,447	1,233	287	2,237	1,020	458	788	6,023
TUCSON	AZ		23	-	191	159	157	1,494	2,024	1,277	-	2,938	1,827	962	1,519	8,523
ALLENTOWN-BETHLEHEM-EASTON	PA	NJ	22	29	149	120	140	1,104	1,564	490	1,359	2,523	922	630	1,007	6,931
GRAND RAPIDS	MI		41	16	127	274	133	1,028	1,619	1,634	1,000	2,466	2,163	463	694	8,419
SARASOTA-BRADENTON	FL		10	-	76	104	283	1,880	2,353	267	-	1,980	1,706	1,296	2,821	8,070
NEW HAVEN	CT		34	27	97	131	239	995	1,523	2,785	978	1,542	1,137	776	1,214	8,432
NEWPORT NEWS-HAMPDEN	VA		39	8	128	164	102	973	1,414	2,398	175	2,219	1,824	529	2,367	9,512
CHARLESTON	SC		22	6	105	78	183	991	1,355	1,677	225	2,910	1,257	1,009	321	7,399
YOUNGSTOWN-WARREN	OH		38	36	96	175	232	1,249	1,825	1,174	752	1,441	1,121	485	1,875	6,848
LAS VEGAS	NV		22	26	102	189	187	1,289	1,785	1,644	1,651	3,087	2,659	1,188	965	11,194
FLINT	MI		56	3	91	253	164	1,039	1,606	2,415	118	1,705	2,617	868	719	8,442
TULSA	OK		40	55	125	420	138	1,785	2,564	2,090	2,373	2,030	4,424	411	2,090	13,418
SYRACUSE	NY		54	27	74	191	111	1,132	1,579	2,024	552	1,901	501	760	6,990	
WORCESTER	MA		58	23	175	222	191	974	1,643	2,864	596	2,279	771	273	684	7,437
BATON ROUGE	LA		34	-	137	185	115	1,175	1,646	2,158	-	2,236	1,672	351	2,350	8,767
COLUMBIA	SC		47	9	80	151	195	1,184	1,666	2,411	245	1,653	1,862	633	376	7,180
CHATTANOOGA	TN	GA	26	-	108	186	253	1,389	1,962	1,444	-	2,251	1,730	800	1,223	7,448
KNOXVILLE	TN		44	-	113	83	107	1,083	1,430	2,783	-	2,660	955	498	986	7,872
BAKERSFIELD	CA		-	33	113	131	86	743	1,105	-	1,456	1,849	1,021	392	577	5,235
MOBILE	AL		40	-	69	126	155	1,300	1,690	1,682	-	1,393	1,364	812	1,634	6,795
WICHITA	KS		45	24	81	125	78	1,088	1,551	1,076	615	1,392	2,033	264	930	6,310
MELBOURNE-COCOA	FL		11	8	134	76	169	1,359	1,757	237	106	3,091	399	749	2,039	7,151
LITTLE ROCK-NORTH LITTLE ROCK	AR		57	18	82	202	158	1,151	1,668	2,851	708	1,122	1,467	392	479	7,019
AUGUSTA	GA	SC	23	8	114	152	109	1,092	1,498	836	620	2,100	1,395	468	1,232	6,241
COLORADO SPRINGS	CO		31	28	108	180	157	1,025	1,529	1,300	691	1,621	1,053	361	582	5,608
RALEIGH	NC		14	27	84	152	90	924	1,301	747	1,354	2,019	2,083	229	1,778	8,210
JACKSON	MS		59	-	147	137	128	1,107	1,576	1,987	-	1,960	861	477	1,049	6,334
SPokane	WA		22	7	209	187	108	1,119	1,632	941	55	2,582	789	233	571	5,171
HARRISBURG	PA		36	22	113	123	180	876	1,360	1,887	731	2,089	1,056	661	715	6,919
DAVENPORT-ROCK ISLAND-MOLINE	IA		56	4	150	173	194	909	1,466	934	39	1,819	1,142	539	572	5,045
DES MOINES	IA		36	-	130	195	134	887	1,382	1,557	-	1,778	1,088	336	547	5,386
CORPUS CHRISTI	TX		17	17	87	146	116	1,492	1,875	572	886	1,618	1,083	368	2,026	6,550
LANSING	MI		31	7	69	121	93	684	1,005	1,142	228	1,612	1,113	363	251	4,709
PENSACOLA	FL		18	3	65	91	110	1,225	1,512	550	23	1,430	1,297	690	1,838	5,828
SHREVEPORT	LA		38	1	101	119	124	850	1,233	1,092	12	1,449	1,126	479	1,710	5,867
TRENTON	NJ	PA	29	13	105	182	90	809	1,223	1,528	412	1,820	1,515	365	1,704	7,344
PEORIA	IL		29	6	93	130	128	846	1,232	728	58	1,565	1,156	408	581	4,486
STOCKTON	CA		15	8	52	46	95	671	887	997	377	1,271	633	515	537	4,230
LOWELL	MA	NH	15	22	61	117	155	637	1,007	1,288	1,367	772	841	1,036	5,767	
LAWRENCE-HAVERHILL	MA	NH	35	4	85	129	170	671	1,094	2,771	150	1,113	1,039	495	681	6,239
MODesto	CA		-	15	45	42	50	570	722	-	1,022	1,087	589	277	461	3,416
FAYETTEVILLE	NC		-	14	59	128	62	890	1,153	-	292	1,109	1,235	244	1,254	4,134
GREENVILLE	SC		28	2	77	107	192	1,095	1,601	1,060	43	1,725	1,305	722	194	5,049
MADISON	WI		7	21	50	80	106	609	873	233	897	1,103	911	360	959	4,463
CANTON	OH		12	22	68	114	153	640	1,409	536	456	821	818	394	1,067	4,192
ODGEN	UT		26	-	45	75	106	761	1,013	992	-	854	913	383	722	3,864
DAYTONA BEACH	FL		15	-	88	39	134	869	1,145	446	-	2,043	620	548	1,304	4,970
HUNTSVILLE	AL		6	7	42	80	137	789	1,061	120	427	1,291	787	884	877	4,386
FORT WAYNE	IN		11	2	62	154	92	755	1,076	459	48	1,375	1,374	401	724	4,381
MONTGOMERY	AL		15	11	58	120	124	784	1,093	732	309	1,195	1,022	270	885	4,413
SOUTH BEND	IN	MI	10	14	90	123	100	948	1,265	198	16	1,162	796	268	515	3,147
FORT MYERS	FL		9	2	28	68	164	1,093	1,364	255	16	789	1,288	755	1,840	4,743
SAVANNAH	GA		33	1	78	121	68	746	1,047	1,032	30	1,507	1,120	354	1,141	5,184
ANCHORAGE	AK		42	-	68	29	78	879	1,096	1,046	-	1,313	264	210	697	3,530
LORAIN-ELYRIA	OH		33	22	85	120	194	497	951	1,071	427	1,013	638	371	594	4,114
LEXINGTON-FAYETTE	KY		14	14	36	86	66	334	650	607	675	1,023	1,163	370	310	4,148
COLUMBUS	GA	AL	12	27	61	116	83	848	1,149	400	456	900	966	378	1,298	4,398
MCALLEN-PHARR-EDINBURG	TX		-	25	63	64	85	983	1,200	-	828	521	403	824	3,452	
PROVO-OREM	UT		18	-	45	49	63	506	781	887	-	868	393	295	599	3,042
ROCKFORD	IL		12	9	76	116	88	777	1,078	263	149	1,305	1,088	350	489	3,644
UTICA-ROHE	NY		26	34	79	87	131	637	984	451	490	945	790	422	378	3,476
SANTA ROSA	CA		-	22	27	89	61	435	634	-	1,488	698	808	282	360	3,536
BILOXI-GULFPORT	MS		14	-	63	87	137	813	1,114	359	-	1,207	472	407	3,205	

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

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



## SELECTED CHARACTERISTICS - 1990<sup>1</sup>

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

TABLE HM-72  
SHEET 2 OF 2  
SEPTEMBER 1991

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

FEDERAL-AID URBANIZED AREA 2/	STATE LOCATION		TOTAL ROADWAY MILEAGE	TOTAL DVMT 3/ (1,000)	ESTIMATED POPULATION (1,000)	NET LAND AREA (SQ. MILES)	PERSONS PER SQUARE MILE	MILES OF ROADWAY PER 1,000 PERSONS	DVMT 3/ PER CAPITA	TOTAL MILES OF FREEWAYS	TOTAL FREEWAY DVMT 3/ 	% OF TOTAL MILEAGE SERVING AS FREEWAYS	% OF TOTAL DVMT 3/ SERVED BY FREEWAYS	ANNUAL AVERAGE DAILY TRAFFIC ON FREEWAYS	TOTAL ESTIMATED FREEWAY LANE MILEAGE 4/	AVERAGE DAILY TRAFFIC PER FREEWAY LANE
	PRI- MARY	OTHER(S)														
SCRANTON-WILKES-BARRE TUCSON ALLENTOWN-BETHLEHEM-EASTON GRAND RAPIDS SARASOTA-BRADENTON	PA		1.447	6,023	411	223	1,843	3.5	14.6	55	1,520	3.8	25.2	27,636	219	6,940
	AZ		2.024	8,523	410	120	3,416	4.9	20.7	23	1,277	1.1	14.9	55,521	102	12,519
	PA	NJ	1.564	6,931	406	144	2,819	3.8	17.0	51	1,849	3.2	26.6	36,254	225	8,217
	MI		1.619	8,419	402	215	1,869	4.0	20.9	57	2,634	3.5	31.2	46,210	244	10,795
	FL		2.353	8,070	400	341	1,173	5.8	20.1	10	267	0.4	3.3	26,700	53	5,037
NEW HAVEN NEWPORT NEWS-HAMPTON CHARLESTON YOUNGSTOWN-WARREN LAS VEGAS	CT		1.523	8,432	396	190	2,084	3.8	21.2	61	3,763	4.0	44.6	61,688	307	12,257
	VA		1.414	9,512	396	341	1,161	3.5	24.0	47	2,573	3.3	27.0	54,744	200	12,855
	SC		1.365	7,399	383	278	1,377	3.5	19.3	28	1,902	2.0	25.7	67,928	137	13,883
	OH		1.826	6,848	383	149	2,570	4.7	17.8	74	1,926	4.0	28.1	26,027	305	6,314
	NV		1.795	1,194	371	80	4,637	4.8	30.1	48	3,295	2.6	29.4	68,645	227	14,515
FLINT TULSA SYRACUSE WORCESTER BRTON ROUGE	MI		1.606	8,442	370	213	1,737	4.3	22.8	59	2,533	3.6	30.0	42,932	310	8,170
	OK		2.564	3,418	367	205	1,790	6.9	36.5	95	4,463	3.7	33.2	46,978	455	9,808
	NY		1.579	6,990	362	167	2,167	4.3	19.3	81	2,576	5.1	36.8	31,802	380	6,778
	MA		1.643	7,437	357	259	1,378	4.6	20.8	81	3,450	4.9	46.3	42,592	381	9,055
	LA		1.646	8,767	352	205	1,717	4.6	24.9	34	2,158	2.0	24.6	63,470	172	12,546
COLUMBIA CHATTANOOGA KNOXVILLE BAKERSFIELD MOBILE	SC		1.666	7,180	349	217	1,608	4.7	20.5	56	2,656	3.3	36.9	47,428	297	8,942
	TN	GA	1.962	7,448	346	283	1,222	5.6	21.5	26	1,444	1.3	19.3	55,538	126	11,460
	CA		1.430	7,872	335	248	1,342	4.2	23.6	44	2,783	3.0	35.3	63,250	230	12,100
	CA		1.106	5,235	330	140	2,357	3.3	15.8	33	1,456	2.9	27.8	44,121	155	8,824
	AL		1.690	6,795	329	274	1,200	5.1	20.6	40	1,682	2.3	24.7	42,050	196	8,581
WICHITA MELBOURNE-COCOA LITTLE ROCK-NORTH LITTLE ROCK AUGUSTA COLORADO SPRINGS	KS		1.551	6,310	322	171	1,883	4.8	19.5	69	1,691	4.4	26.7	24,507	298	5,674
	FL		1.757	7,161	320	494	647	5.4	22.3	19	343	1.0	4.7	18,052	74	4,635
	AR		1.668	7,019	319	109	2,926	5.2	22.0	75	3,559	4.4	50.7	47,453	372	9,587
	GA	SC	1.498	6,271	313	212	1,476	4.7	20.0	31	1,076	2.0	17.1	34,709	129	8,341
	CO		1.529	5,606	309	174	1,775	4.9	16.1	59	1,991	3.8	35.5	33,745	226	8,732
RALEIGH JACKSON SPOKANE HARRISBURG DAVENPORT-ROCK ISLAND-MOLINE	NC		1.301	8,210	302	139	2,172	4.3	27.1	41	2,101	3.1	25.5	51,243	185	11,356
	MS		1.576	6,334	300	212	1,415	5.2	21.1	59	1,987	3.7	31.3	33,677	270	7,359
	WA		1.632	5,171	297	150	1,980	5.4	17.4	29	996	1.7	19.2	34,344	129	7,720
	PA		1.350	6,919	296	164	1,804	4.6	23.3	58	2,398	4.2	34.6	41,344	248	9,669
	IL	IA	1.486	5,045	280	183	1,530	5.3	18.0	60	973	4.0	19.2	16,216	243	4,004
DES MOINES CORPUS CHRISTI LANSING PENSACOLA SHREVEPORT	IA		1.382	5,306	277	122	2,270	4.9	19.1	36	1,557	2.6	29.3	43,250	183	8,508
	TX		1.675	6,550	271	140	1,935	6.9	24.1	34	1,558	1.8	23.7	45,823	168	8,287
	MI		1.005	4,709	270	132	2,045	3.7	17.4	38	1,370	3.7	29.0	36,052	165	8,303
	FL		1.512	5,828	270	174	1,551	5.6	21.5	21	573	1.3	9.8	27,285	79	7,253
	LA		1.233	5,867	265	181	1,464	4.6	22.1	39	1,104	3.1	18.8	28,307	173	6,381
TRENTON PEORIA STOCKTON LOWELL LAWRENCE-HAVERHILL	NJ	PA	1.223	7,344	263	122	2,155	4.6	27.9	42	1,940	3.4	26.4	46,190	213	9,107
	IL		1.232	4,486	262	167	1,568	4.7	17.1	35	796	2.8	17.7	22,742	144	5,527
	CA		887	4,230	261	70	3,728	3.3	16.2	23	1,374	2.5	32.4	59,739	130	10,569
	MA	NH	1,007	5,767	259	133	1,947	3.8	22.2	37	2,635	3.6	45.6	71,216	181	14,558
	MA	NH	1,094	6,239	249	149	1,671	4.3	26.0	39	2,931	3.5	46.9	75,153	229	12,799
MODESTO FAYETTEVILLE GREENVILLE MADISON CANTON	CA		722	3,416	249	60	4,980	2.8	13.7	15	1,022	2.0	29.9	68,133	84	12,166
	NC		1,153	4,134	248	152	1,631	4.6	16.6	14	292	1.2	7.0	20,857	56	5,214
	SC		1,501	5,049	248	248	1,000	6.0	20.3	30	1,103	1.9	21.8	36,766	130	8,484
	WI		873	4,463	246	89	2,764	3.5	18.1	26	1,130	3.2	25.3	40,367	126	8,966
	OH		1,409	4,192	245	93	2,634	5.7	17.1	34	1,092	2.4	26.0	32,117	135	8,088
ODGEN DAYTONA BEACH HUNTSVILLE FORT WAYNE MONTGOMERY	UT		1,013	3,864	244	145	1,682	4.1	15.8	26	992	2.5	25.6	38,153	136	7,294
	FL		1,145	4,270	240	152	1,951	4.7	20.7	15	446	1.8	19.9	29,733	88	7,689
	AL		1,061	4,385	238	247	963	4.4	18.4	13	547	1.2	12.4	42,076	55	9,945
	IN		1,076	4,381	237	93	2,648	4.5	18.4	13	507	1.2	11.5	39,000	52	9,750
	AL		1,093	4,413	234	193	1,212	4.6	18.8	26	1,041	2.3	23.5	40,038	110	9,463
SOUTH BEND FORT MYERS SPRINGFIELD ANCHORAGE LORAIN-ELYRIA	IN	MI	1,285	3,147	231	147	1,571	5.5	13.6	24	404	1.8	12.8	16,833	96	4,208
	FL		1,364	4,743	230	216	1,069	5.9	20.6	11	271	0.8	5.7	24,636	40	6,776
	GA		1,047	5,184	227	210	1,080	4.6	22.8	34	1,062	3.2	20.4	31,236	137	7,751
	AK		1,096	3,530	226	161	1,403	4.8	15.6	42	1,046	3.8	29.5	24,904	159	6,578
	OH		851	4,114	225	144	1,562	4.2	18.2	55	1,496	5.7	36.4	27,236	220	6,809
LEXINGTON-FAYETTE COLUMBUS MCALLEN-PHARR-EDINBURG PROVO-OREM ROCKFORD	KY		650	4,148	225	91	2,472	2.4	18.4	28	1,282	5.0	30.9	45,785	124	10,338
	GA	AL	1,149	4,398	224	159	1,408	5.1	19.6	39	856	3.3	19.4	21,948	181	4,729
	TX		1,200	3,452	216	76	2,842	5.5	15.9	25	876	2.0	25.3	35,040	100	8,760
	UT		781	3,042	215	112	1,919	3.6	14.1	16	887	2.3	29.1	49,277	102	8,696
	IL		1,078	3,644	213	108	1,972	5.0	17.1	21	412	1.9	11.3	19,619	81	5,086
UTICA-ROME SANTA ROSA BILOXI-GULFPORT	NY		994	3,476	206	156	1,320	4.8	16.8	60	941	6.0	27.0	15,683	238	3,953
	CA		634	3,536	205	80	2,575	3.0	17.1	22	1,488	3.4	42.0	67,636	89	16,909
	MS		1,114	3,205	200	138	1,449	5.5	16.0	14	359	1.2	11.2	25,642	56	6,410

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

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

ANNUAL VEHICLE-MILES OF TRAVEL AND RELATED DATA - 1990<sup>1</sup>

## BY HIGHWAY CATEGORY AND VEHICLE TYPE

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENTTABLE VM-1  
OCTOBER 1991

YEAR	ITEM	PASSENGER VEHICLES					TRUCKS					ALL MOTOR VEHICLES
		PERSONAL PASSENGER VEHICLES			BUSES	ALL PASSENGER VEHICLES	SINGLE-UNIT			COMBI-NATION	ALL TRUCKS	
		PASSENGER CARS 2/	MOTOR-CYCLES 2/	ALL PERSONAL PASSENGER VEHICLES			2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT			
1990	MOTOR-VEHICLE TRAVEL: (MILLIONS OF VEHICLE-MILES)											
1989	INTERSTATE RURAL	129,047	1,173	130,220	568	130,788	33,078	5,949	39,027	30,758	69,785	200,573
1989		-	-	122,940	529	123,469	32,040	5,824	37,864	29,752	67,616	191,085
1990	OTHER ARTERIAL RURAL	215,847	1,533	217,380	996	218,376	80,846	11,108	91,954	20,896	112,850	331,226
1989		-	-	214,299	928	215,227	76,191	10,875	87,066	20,212	107,278	322,505
1990	OTHER RURAL	217,080	1,674	218,754	1,889	220,643	94,292	12,775	107,067	10,900	117,967	338,610
1989		-	-	213,933	1,760	215,693	94,891	12,507	107,398	10,544	117,942	333,635
1990	ALL RURAL	561,974	4,380	566,354	3,453	569,807	208,216	29,832	238,048	62,554	300,602	870,409
1989		-	-	551,172	3,217	554,389	203,122	29,206	232,328	60,508	292,836	847,225
1990	INTERSTATE URBAN	207,911	1,145	209,056	452	209,508	45,966	6,210	52,176	16,720	68,896	278,404
1989		-	-	203,152	485	203,637	43,698	6,229	49,927	17,171	67,098	270,735
1990	OTHER URBAN	745,485	4,047	749,532	1,823	751,355	212,645	17,480	230,125	17,208	247,333	998,688
1989		-	-	733,816	1,957	735,773	207,519	17,534	225,053	17,670	242,723	978,496
1990	ALL URBAN 3/	953,396	5,192	958,588	2,275	960,863	258,611	23,690	282,301	33,928	316,229	1,277,092
1989		-	-	936,968	2,442	939,410	251,217	23,763	274,980	34,841	309,821	1,249,231
1990	TOTAL RURAL AND URBAN	1,515,370	9,572	1,524,942	5,728	1,530,670	466,827	53,522	520,349	96,482	616,831	2,147,501
1989		1,477,769	10,371	1,488,140	5,659	1,493,799	454,339	52,969	507,308	95,349	602,657	2,096,456
1990	NUMBER OF MOTOR VEHICLES REGISTERED 4/	143,549,627	4,259,462	147,809,089	626,987	148,436,076	38,651,745	4,219,920	42,871,665	1,607,183	44,478,848	192,914,924
1989		143,025,658	4,433,915	147,459,573	625,040	148,084,613	37,917,701	4,102,863	42,020,564	1,589,285	43,609,849	191,694,462
1990	AVERAGE MILES TRAVELED PER VEHICLE	10,556	2,247	10,317	9,136	10,312	12,078	12,683	12,137	60,032	13,868	11,132
1989		10,332	2,339	10,092	9,054	10,087	11,982	12,910	12,073	59,995	13,819	10,936
1990	PERSON-MILES OF TRAVEL 5/ (MILLIONS)	2,288,209	12,252	2,300,461	121,434	2,421,894	728,250	53,522	781,772	96,482	878,254	3,300,149
1989		2,231,431	13,275	2,244,706	119,971	2,364,677	708,769	52,969	761,738	95,349	857,087	3,221,764
1990	FUEL CONSUMED (THOUSAND GALLONS)	72,434,884	191,440	72,626,324	900,629	73,526,953	33,140,024	7,339,417	40,479,441	17,576,660	58,056,101	131,583,054
1989		72,748,695	207,420	72,956,115	948,740	73,904,855	33,004,933	7,412,299	40,417,232	17,495,229	57,912,461	131,817,316
1990	AVERAGE FUEL CONSUMPTION PER VEHICLE (GALLONS)	505	45	491	1,436	495	857	1,739	944	10,936	1,305	682
1989		509	47	495	1,518	499	870	1,807	962	11,008	1,328	688
1990	AVERAGE MILES TRAVELED PER GALLON OF FUEL CONSUMED	20.92	50.00	21.00	6.36	20.82	14.09	7.29	12.85	5.49	10.62	16.32
1989		20.31	50.00	20.40	5.96	20.21	13.77	7.15	12.55	5.45	10.41	15.90

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

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

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

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

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

# ANNUAL VEHICLE-MILES OF TRAVEL - 1990<sup>1</sup>

## BY STATE AND FUNCTIONAL SYSTEM

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

(MILLIONS)

TABLE VM-2  
SEPTEMBER 1991

STATE	RURAL							URBAN							TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	
ALABAMA	4,444	4,599	3,943	4,712	1,152	3,736	22,586	3,551	337	5,708	3,627	1,950	4,588	19,761	42,347
ALASKA	690	17	476	492	143	458	2,276	419	-	656	166	147	325	1,703	3,979
ARIZONA	5,392	1,592	2,185	3,342	661	1,599	14,771	2,742	868	7,746	3,598	1,627	4,104	20,685	35,456
ARKANSAS	2,621	3,047	2,710	3,457	451	1,128	13,414	1,601	673	2,451	1,622	603	647	7,597	21,011
CALIFORNIA	14,732	13,636	9,612	11,172	3,388	2,383	54,923	51,287	39,866	53,989	32,969	11,645	14,247	204,003	258,926
COLORADO	3,498	2,485	1,598	2,425	1,170	533	11,709	3,472	1,833	5,318	2,236	985	1,625	15,469	27,178
CONNECTICUT	1,416	1,130	1,143	1,476	487	945	6,597	6,396	2,418	3,839	2,871	2,474	1,708	19,706	26,303
DELAWARE	-	1,114	598	647	78	487	2,924	928	9	1,260	499	339	589	3,624	6,548
DIST. OF COL.	-	-	-	-	-	-	-	464	443	1,092	731	331	346	3,407	3,407
FLORIDA	8,907	9,522	5,878	3,048	1,469	3,144	31,968	10,391	4,143	19,546	14,306	9,088	20,555	78,029	109,997
GEORGIA	8,909	5,128	7,128	6,224	1,975	4,417	33,681	9,812	1,591	8,733	7,493	3,675	7,781	39,065	72,746
HAWAII	102	96	1,214	613	132	653	2,810	1,401	798	885	641	479	1,062	5,256	8,066
IDAHO	1,484	1,479	581	1,162	220	1,905	6,831	618	-	863	862	317	358	3,018	9,849
ILLINOIS	7,468	4,576	5,230	5,045	495	3,325	26,139	13,712	940	16,380	12,381	6,677	7,105	57,195	83,334
INDIANA	6,640	4,124	5,590	8,749	1,855	2,433	29,391	5,279	923	6,942	5,239	1,696	4,227	24,306	53,697
IOWA	3,278	3,856	2,979	2,509	735	1,470	14,827	1,343	-	3,111	1,866	687	1,159	8,166	22,993
KANSAS	2,472	3,625	2,022	2,689	285	1,472	12,565	2,068	634	2,587	2,435	841	1,721	10,284	22,849
KENTUCKY	4,587	3,653	2,247	5,040	2,020	2,324	19,871	3,450	541	2,951	3,635	1,456	1,735	13,768	33,639
LOUISIANA	4,377	2,291	2,387	5,298	1,480	2,220	18,053	3,040	400	5,116	3,381	1,249	6,428	19,614	37,667
MAINE	1,708	1,544	1,662	2,098	712	1,006	8,730	449	101	1,136	790	420	245	3,141	11,871
MARYLAND	2,795	3,503	3,135	2,309	762	1,287	13,791	8,204	2,819	8,148	3,843	1,985	1,746	26,745	40,536
MASSACHUSETTS	2,084	1,473	1,955	1,581	372	1,034	8,509	10,347	4,461	9,378	5,310	2,877	5,248	37,621	46,130
MICHIGAN	5,850	6,386	6,050	10,176	1,524	2,542	32,538	11,114	3,577	15,010	11,156	3,748	3,948	48,553	81,091
MINNESOTA	2,988	4,837	3,401	3,805	1,122	2,577	18,730	4,780	2,170	2,921	5,126	2,567	2,652	20,215	38,946
MISSISSIPPI	2,665	3,008	3,245	3,486	385	3,913	16,702	1,209	97	2,521	1,253	839	1,783	7,696	24,398
MISSOURI	5,626	6,273	3,550	5,788	399	3,553	25,189	7,905	2,267	6,423	4,887	1,630	2,582	25,694	50,883
MONTANA	1,816	1,482	1,094	894	320	754	6,360	165	-	734	350	185	538	1,972	8,332
NEBRASKA	1,905	2,249	1,839	1,247	283	1,256	8,779	623	73	1,968	1,354	483	678	5,179	13,958
NEVADA	1,563	826	590	882	206	305	4,372	956	740	1,528	1,488	535	596	5,843	10,215
NEW HAMPSHIRE	1,359	1,079	1,485	1,269	414	542	6,148	673	462	1,014	962	330	265	3,696	9,844
NEW JERSEY	1,912	2,256	2,109	2,514	885	841	10,517	8,337	5,322	12,186	8,652	3,024	10,885	48,406	58,923
NEW MEXICO	3,466	1,634	1,193	1,153	266	2,013	9,725	1,068	35	2,798	949	477	1,096	6,423	16,148
NEW YORK	5,639	4,566	7,020	5,473	5,310	3,415	31,423	13,913	14,412	16,876	16,228	5,848	8,202	75,479	106,902
NORTH CAROLINA	6,403	6,751	3,327	11,166	3,773	3,358	33,778	3,708	2,313	9,036	5,581	1,194	7,117	28,929	62,707
NORTH DAKOTA	923	792	958	807	185	683	4,348	177	-	599	381	177	289	1,562	5,910
OHIO	8,044	4,992	5,718	8,717	2,091	6,066	35,628	15,531	3,357	10,971	7,029	4,196	10,260	51,344	86,972
OKLAHOMA	3,630	2,944	3,054	4,868	154	1,845	16,495	3,221	1,796	3,463	3,990	931	3,185	16,586	33,081
OREGON	3,611	3,914	2,080	2,905	628	1,601	14,639	2,732	979	3,272	2,601	1,307	1,008	12,099	26,738
PENNSYLVANIA	7,967	7,496	9,065	6,115	2,754	5,474	38,871	7,108	3,952	16,565	8,267	4,792	5,763	48,837	85,708
RHODE ISLAND	206	285	197	151	65	72	976	1,051	523	1,803	1,154	527	990	6,048	7,024
SOUTH CAROLINA	5,756	3,884	4,669	5,093	662	2,189	22,263	2,105	378	4,520	2,920	1,482	718	12,123	34,376
SOUTH DAKOTA	1,340	1,357	927	865	167	695	5,451	226	20	646	261	90	295	1,538	6,989
TENNESSEE	6,731	2,747	6,200	3,205	2,366	1,631	22,880	5,663	-	8,864	3,678	2,387	3,238	23,830	46,710
TEXAS	11,645	15,555	6,355	14,681	2,187	4,237	54,660	23,075	14,268	20,167	15,249	7,777	27,046	107,572	162,232
UTAH	2,300	949	821	858	255	508	5,691	2,696	145	1,631	1,885	969	1,629	8,955	14,846
VERMONT	996	662	852	1,079	492	479	4,250	238	54	466	308	172	360	1,588	5,838
VIRGINIA	7,061	5,271	5,588	6,408	182	3,239	28,059	8,052	1,994	7,743	6,733	2,143	5,454	32,119	60,178
WASHINGTON	3,536	3,155	2,168	5,081	1,650	1,174	16,764	7,268	2,464	7,204	5,493	2,429	3,073	27,931	44,695
WEST VIRGINIA	2,554	1,515	2,335	3,419	343	782	10,948	1,079	422	1,129	903	491	446	4,470	15,418
WISCONSIN	3,904	6,342	4,776	4,525	948	2,895	23,390	2,600	1,805	4,970	5,241	1,256	5,015	20,887	44,277
WYOMING	1,673	685	885	484	404	348	4,479	159	8	515	286	228	158	1,354	5,833
TOTAL	200,573	175,382	155,844	191,302	50,462	96,846	870,409	278,404	127,431	336,687	235,036	103,756	196,778	1,277,092	2,147,501
PERCENT - AREA	23.1	20.2	18.0	22.0	5.8	11.2	100.0	21.8	10.0	26.3	18.5	8.2	15.5	100.0	0.0
PERCENT - TOTAL	9.4	8.2	7.3	9.0	2.4	4.6	40.6	13.0	6.0	15.7	11.0	4.9	9.2	59.5	100.0

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

Roadway Extent, Characteristics, and Performance

# ANNUAL VEHICLE-MILES OF TRAVEL - REVISED 1989<sup>1</sup>

## BY STATE AND FUNCTIONAL SYSTEM

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

(MILLIONS)

TABLE VH-2  
SEPTEMBER 1991

STATE	RURAL							URBAN							TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	
ALABAMA	4,262	4,372	3,949	4,449	1,119	3,638	21,789	3,332	-	5,647	3,571	1,926	4,500	18,976	40,765
ALASKA	686	16	460	500	142	401	2,205	422	-	631	155	142	332	1,682	3,887
ARIZONA	4,325	1,504	2,265	2,932	301	3,331	14,659	2,575	696	7,441	3,692	1,626	4,127	20,157	34,816
ARKANSAS	2,545	2,924	2,657	3,366	417	1,079	12,988	1,599	614	2,409	1,597	572	635	7,426	20,414
CALIFORNIA	13,449	12,997	9,304	10,739	3,254	2,296	52,039	50,309	38,470	53,047	32,323	11,485	13,809	199,443	251,482
COLORADO	3,309	2,413	1,684	2,470	1,168	821	11,865	3,376	1,704	5,251	2,259	987	2,135	15,712	27,577
CONNECTICUT	1,396	1,131	1,148	1,454	506	961	6,596	6,489	2,363	3,742	2,885	2,363	1,745	19,587	26,183
DELAWARE	-	1,124	589	654	69	464	2,900	927	8	1,276	484	341	510	3,546	6,446
DIST. OF COL.	-	-	-	-	-	-	-	478	438	1,091	730	330	347	3,414	3,414
FLORIDA	8,550	9,253	6,015	3,006	1,469	3,092	31,385	9,674	4,262	19,296	14,415	9,024	20,821	77,492	108,877
GEORGIA	8,473	4,918	6,737	5,823	1,778	4,054	31,783	9,882	1,429	8,116	6,611	3,400	6,848	36,286	68,069
HAWAII	91	89	1,062	534	119	550	2,445	1,217	940	858	637	460	1,193	5,305	7,750
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	4,730	2,330	2,416	5,108	1,420	2,149	18,153	2,968	375	4,995	3,317	1,243	4,562	17,460	35,613
MAINE	1,692	1,522	1,640	2,059	697	983	8,593	477	125	1,103	794	414	233	3,146	11,739
MARYLAND	2,795	3,340	3,028	2,164	744	1,240	13,311	7,850	2,722	7,692	3,716	1,951	1,680	25,611	38,922
MASSACHUSETTS	2,165	1,459	1,831	1,629	420	1,030	8,534	4,506	4,505	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	3,697	3,697	1,067	2,448	17,965	4,625	2,069	2,795	4,944	2,514	3,681	19,428	37,393
MISSISSIPPI	2,695	2,946	3,260	3,471	348	2,809	15,429	1,206	94	2,537	1,203	731	1,695	7,466	22,895
MISSOURI	5,391	5,740	3,302	5,103	374	3,369	23,279	8,229	2,251	6,194	4,056	1,413	2,665	24,808	48,087
MONTANA	1,731	1,458	1,036	935	318	778	6,256	168	-	692	403	171	560	1,894	8,250
NEBRASKA	1,857	2,212	1,856	1,255	286	1,247	8,713	609	66	1,916	1,336	472	669	5,068	13,781
NEVADA	1,528	793	555	810	208	299	4,193	888	300	1,478	1,410	530	593	5,199	9,392
NEW HAMPSHIRE	1,330	1,096	1,438	1,276	419	542	6,101	653	400	1,023	971	328	253	3,718	9,819
NEW JERSEY	1,930	2,001	2,249	3,061	946	886	11,073	8,560	5,402	11,342	9,295	3,249	10,977	48,825	59,898
NEW MEXICO	3,304	1,248	1,429	1,230	272	2,020	9,503	1,044	-	2,792	1,067	480	953	6,336	15,639
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	75,058	106,059
NORTH CAROLINA	5,937	5,795	3,278	10,623	3,719	3,881	33,233	3,523	2,259	8,879	5,271	1,176	6,895	28,003	61,236
NORTH DAKOTA	888	781	947	804	188	877	4,285	185	-	535	383	181	300	1,564	5,849
OHIO	7,838	4,669	5,468	8,446	2,037	5,974	34,452	14,853	3,084	10,777	7,006	4,100	10,146	49,966	84,418
OKLAHOMA	3,573	2,899	3,003	4,809	155	1,820	16,259	3,170	1,752	3,507	4,016	992	3,140	16,577	32,836
OREGON	3,436	3,838	2,060	2,765	623	1,470	14,192	2,671	929	3,069	2,453	1,378	1,128	11,628	25,820
PENNSYLVANIA	7,640	7,274	8,871	5,935	2,680	5,439	37,839	7,013	3,839	16,735	7,939	4,541	4,958	45,025	82,864
RHODE ISLAND	203	269	186	139	65	27	889	1,051	547	1,820	1,088	518	827	5,851	6,740
SOUTH CAROLINA	5,496	3,712	4,660	4,575	630	2,092	21,165	2,003	391	4,480	2,832	1,325	844	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	1,587	22,151	5,609	-	8,731	3,643	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	467	3,170	27,501	7,955	1,902	7,729	6,730	2,143	5,377	31,836	59,337
WASHINGTON	3,360	3,191	2,189	4,552	1,459	1,110	15,861	7,168	2,489	6,997	5,299	2,408	3,011	27,372	43,233
WEST VIRGINIA	2,412	1,484	2,159	3,304	324	881	10,564	1,063	438	1,086	898	462	429	4,376	14,940
WISCONSIN	3,693	6,145	4,737	4,209	943	3,071	22,798	2,508	1,829	4,672	5,037	1,242	5,000	20,288	43,086
WYOMING	1,628	687	862	465	406	355	4,393	154	9	496	307	237	155	1,358	5,751
TOTAL	191,085	165,859	156,646	187,195	48,714	97,726	847,225	270,735	122,024	327,151	234,768	101,872	192,681	1,249,231	2,096,456
PERCENT - AREA	22.6	19.6	18.5	22.1	5.8	11.6	100.0	21.7	9.8	26.2	18.8	8.2	15.5	100.0	0.0
PERCENT - TOTAL	9.2	8.0	7.5	9.0	2.4	4.7	40.5	13.0	5.9	15.7	11.2	4.9	9.2	59.6	100.0

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

# ANNUAL VEHICLE-MILES OF TRAVEL - 1990<sup>1</sup>

## BY STATE AND FEDERAL-AID SYSTEM

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

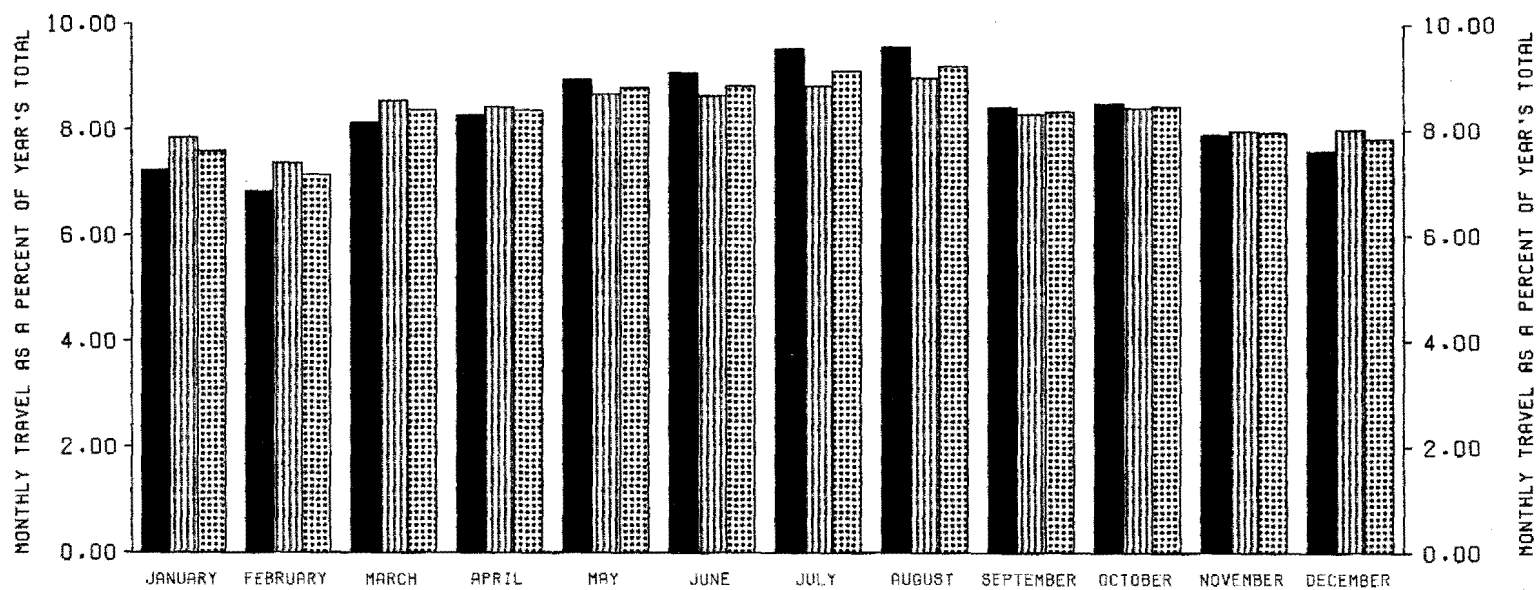
TABLE VM-3  
SEPTEMBER 1991

(MILLIONS)

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	4,444	3,551	7,995	8,541	4,725	13,266	6,367	4,712	17,697	14,643	32,340	4,889	5,118	10,007	42,347
ALASKA	690	419	1,109	493	217	710	688	487	1,670	1,324	2,994	606	379	985	3,979
ARIZONA	5,392	2,742	8,134	3,777	6,223	10,000	6,779	3,309	12,478	15,744	28,222	2,293	4,941	7,234	35,456
ARKANSAS	2,621	1,601	4,222	5,482	2,293	7,775	2,259	2,124	10,227	6,153	16,380	3,187	1,444	4,631	21,011
CALIFORNIA	14,732	51,287	66,019	23,224	39,185	62,409	92,361	10,369	48,325	182,833	231,158	6,598	21,170	27,768	258,926
COLORADO	3,498	3,472	6,970	4,083	3,636	7,719	6,187	1,441	9,022	13,295	22,317	2,687	2,174	4,861	27,178
CONNECTICUT	1,416	6,396	7,812	2,262	4,141	6,403	4,450	1,461	5,139	14,987	20,126	1,458	4,719	6,177	26,303
DELAWARE	-	928	928	1,712	891	2,603	1,208	645	2,357	3,027	5,384	567	597	1,164	6,548
DIST. OF COL.	-	464	464	-	1,831	1,831	760	-	-	3,055	3,055	-	352	352	3,407
FLORIDA	8,907	10,391	19,298	14,062	19,767	33,829	21,053	2,818	25,787	51,211	76,998	6,181	26,818	32,999	109,997
GEORGIA	8,809	9,812	18,621	12,256	17,377	29,633	4,113	6,223	27,288	31,302	58,590	6,393	7,763	14,156	72,746
HAWAII	102	1,401	1,503	1,309	1,456	2,765	1,346	564	1,975	4,203	6,178	835	1,053	1,888	8,066
IDAHO	1,484	618	2,102	2,060	394	2,454	1,417	1,088	4,632	2,429	7,061	2,199	589	2,788	9,849
ILLINOIS	7,468	13,712	21,180	9,806	13,882	23,688	22,246	4,155	21,429	49,840	71,269	4,710	7,355	12,065	83,334
INDIANA	6,640	5,279	11,919	9,713	4,553	14,266	10,078	8,743	25,096	19,510	45,006	4,295	4,396	8,691	53,697
IOWA	3,278	1,343	4,621	6,834	2,417	9,251	3,146	2,509	12,621	6,906	19,527	2,206	1,260	3,466	22,993
KANSAS	2,472	2,066	4,538	5,647	1,615	7,262	3,797	2,688	10,807	7,478	18,285	1,758	2,806	4,564	22,849
KENTUCKY	4,587	3,450	8,037	5,897	2,724	8,621	5,839	5,039	5,039	12,013	27,536	4,348	1,755	6,103	33,639
LOUISIANA	4,377	3,040	7,417	4,676	3,012	7,688	6,262	5,297	14,350	12,314	26,664	3,703	7,300	11,003	37,667
MAINE	1,708	449	2,157	3,205	934	4,139	1,475	1,772	6,685	2,858	9,543	2,045	283	2,328	11,871
MARYLAND	2,795	8,204	10,999	6,638	6,685	13,323	9,491	2,309	11,742	24,380	36,122	2,049	2,365	4,414	40,536
MASSACHUSETTS	2,084	10,347	12,431	3,438	8,885	12,323	13,034	1,581	7,103	32,266	39,369	1,406	5,355	6,761	46,130
MICHIGAN	5,850	11,114	16,964	12,446	9,268	21,714	21,749	9,944	28,240	42,131	70,371	4,298	6,422	10,720	81,091
MINNESOTA	2,988	4,780	7,768	8,238	3,738	11,976	7,031	3,805	15,031	15,549	30,580	3,699	4,667	8,366	38,946
MISSISSIPPI	2,665	1,209	3,874	6,133	1,539	7,672	3,146	3,485	12,283	5,894	18,177	4,419	1,802	6,221	24,398
MISSOURI	5,626	7,905	13,531	9,823	3,564	13,387	9,510	5,771	21,220	20,979	42,199	3,969	4,715	8,684	50,883
MONTANA	1,816	165	1,981	2,572	463	3,035	680	738	5,126	1,308	6,434	1,234	664	1,898	8,332
NEBRASKA	1,905	623	2,528	4,088	1,447	5,535	2,431	1,247	7,240	4,501	11,741	1,539	678	2,217	13,958
NEVADA	1,563	956	2,519	1,416	930	2,346	2,977	867	3,846	4,863	8,709	526	980	1,506	10,215
NEW HAMPSHIRE	1,359	673	2,032	2,346	1,100	3,446	1,511	1,269	4,974	3,284	8,258	1,174	412	1,586	9,844
NEW JERSEY	1,912	8,337	10,249	3,001	8,981	11,982	11,404	2,470	7,383	28,722	36,105	3,134	19,684	22,818	58,923
NEW MEXICO	3,466	1,068	4,534	2,826	1,162	3,988	2,362	1,103	7,395	4,592	11,987	2,330	1,831	4,161	16,148
NEW YORK	5,639	13,913	19,552	11,586	21,984	33,570	29,876	5,473	22,698	65,773	88,471	8,725	9,706	18,431	106,902
NORTH CAROLINA	6,403	3,708	10,111	8,920	5,252	14,172	10,070	11,080	26,403	19,030	45,433	7,375	9,899	17,274	62,707
NORTH DAKOTA	923	177	1,100	1,749	452	2,201	642	775	3,447	1,271	4,718	901	291	1,192	5,910
OHIO	8,044	15,531	23,575	10,710	9,520	20,230	16,033	8,717	27,471	41,084	68,555	8,157	10,260	18,417	86,972
OKLAHOMA	3,630	3,221	6,851	5,975	2,349	8,324	7,490	3,953	13,558	13,060	26,618	2,937	3,526	6,463	33,081
OREGON	3,611	2,732	6,343	5,878	2,984	8,862	5,142	2,655	12,144	10,858	23,002	2,495	1,241	3,736	26,738
PENNSYLVANIA	7,967	7,108	15,075	16,561	15,130	31,691	18,836	6,115	30,643	41,074	71,717	8,228	5,763	13,991	85,708
RHODE ISLAND	206	1,051	1,257	480	1,544	2,024	2,463	151	837	5,058	5,895	139	990	1,129	7,024
SOUTH CAROLINA	5,756	2,105	7,861	8,553	4,795	13,348	3,613	5,093	19,402	10,513	29,915	2,851	1,610	4,461	34,376
SOUTH DAKOTA	1,340	226	1,566	2,283	481	2,764	518	952	4,575	1,225	5,800	876	313	1,189	6,989
TENNESSEE	6,731	5,663	12,394	8,947	5,790	14,737	9,139	3,889	18,867	20,592	39,459	4,013	3,238	7,251	46,710
TEXAS	11,645	23,075	34,720	21,908	18,913	40,821	26,578	13,684	47,237	68,566	115,803	7,423	39,006	46,429	162,232
UTAH	2,300	2,696	4,996	1,754	616	2,370	3,912	829	4,883	7,224	12,107	808	1,731	2,539	14,646
VERMONT	996	238	1,234	1,514	343	1,857	647	1,079	3,589	1,228	4,817	661	360	1,021	5,838
VIRGINIA	7,061	8,052	15,113	10,840	5,201	16,041	12,707	6,407	24,308	25,960	50,268	3,751	6,159	9,910	60,178
WASHINGTON	3,536	7,268	10,804	5,323	5,414	10,737	12,074	5,075	13,934	24,756	38,690	2,830	3,175	6,005	44,695
WEST VIRGINIA	2,554	1,079	3,633	3,850	1,044	4,894	1,895	3,416	9,820	4,018	13,838	1,128	452	1,580	15,418
WISCONSIN	3,904	2,600	6,504	11,114	5,666	16,780	7,000	4,481	19,499	15,266	34,765	3,891	5,621	9,512	44,277
WYOMING	1,673	159	1,832	1,555	406	1,961	624	455	3,683	1,189	4,872	796	165	961	5,833
TOTAL	200,573	278,404	478,977	327,504	286,919	614,423	456,416	183,612	711,689	1,021,739	1,733,428	158,720	255,353	414,073	2,147,501
PERCENT - TOTAL	9.3	13.0	22.3	15.3	13.4	28.6	21.3	8.6	33.1	47.6	80.7	7.4	11.9	19.3	100.0

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

# MONTHLY DISTRIBUTION OF 1990 TRAVEL



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

**LEGEND** ■ RURAL TRAVEL ▨ URBAN TRAVEL ▩ TOTAL TRAVEL



MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES—1990

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

TABLE FI-1  
SEPTEMBER 1991

STATE	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	AADT PER MILE	INJURY ACCIDENTS				PERSONS INJURED				PEDESTRIANS INJURED			
				FATAL		NON-FATAL		FATAL		NON-FATAL		FATAL		NON-FATAL	
				NUMBER 1/	RATE 2/	NUMBER	RATE 2/	NUMBER 1/	RATE 2/	NUMBER	RATE 2/	NUMBER 1/	RATE 2/	NUMBER	RATE 2/
ALABAMA	90,672	42,347	1,280	981	2.32	30,245	71.42	1,118	2.64	44,640	105.41	93	0.22	724	1.71
ALASKA	13,485	3,979	806	90	2.26	3,921	98.54	95	2.39	5,761	144.79	7	0.18	155	3.90
ARIZONA	51,612	35,456	1,882	784	2.21	37,609	106.07	869	2.45	60,747	171.33	133	0.38	1,444	4.07
ARKANSAS 3/	21,011	77,085	747	521	2.48	11,686	55.62	604	2.87	21,583	102.72	59	0.28	719	3.42
CALIFORNIA	163,574	258,926	4,337	4,682	1.81	236,542	91.36	5,189	2.00	365,758	141.26	986	0.38	18,419	7.11
COLORADO	77,680	27,178	959	492	1.81	25,564	94.06	544	2.00	39,183	144.17	47	0.17	951	3.50
CONNECTICUT	19,991	26,303	3,605	357	1.36	29,644	112.70	384	1.46	42,020	159.75	65	0.25	1,368	5.20
DELAWARE	5,444	6,548	3,295	121	1.85	5,304	81.00	138	2.11	8,427	128.70	21	0.32	224	3.42
DIST. OF COLUMBIA	1,102	3,407	8,470	46	1.35	9,492	278.60	48	1.41	13,219	388.00	19	0.56	1,289	37.83
FLORIDA	108,085	109,997	2,788	2,587	2.35	130,589	118.72	2,892	2.63	214,209	194.74	583	0.53	7,480	6.80
GEORGIA	109,601	72,746	1,818	1,410	1.94	63,403	87.16	1,562	2.15	98,864	135.90	181	0.25	2,602	3.58
HAWAII	4,099	8,066	5,391	155	1.92	8,625	106.93	177	2.19	12,424	154.03	31	0.38	600	7.44
IDAHO	62,435	9,849	432	210	2.13	8,046	81.69	244	2.48	11,236	114.08	21	0.21	200	2.03
ILLINOIS	135,944	83,334	1,679	1,430	1.72	106,274	127.53	1,589	1.91	157,763	189.31	272	0.33	10,151	12.18
INDIANA	91,908	53,697	1,601	929	1.73	52,269	97.34	1,050	1.96	74,416	138.59	102	0.19	1,963	3.66
IOWA	112,541	22,993	560	404	1.76	20,577	89.49	465	2.02	30,233	131.49	32	0.14	825	3.59
KANSAS	133,578	22,849	469	391	1.71	20,069	87.83	444	1.94	30,254	132.41	36	0.16	1,184	5.18
KENTUCKY	69,668	33,639	1,323	752	2.24	35,670	106.04	846	2.51	54,832	163.00	70	0.21	1,393	4.14
LOUISIANA	58,620	37,667	1,760	831	2.21	46,835	124.34	956	2.54	78,182	207.56	135	0.36	1,629	4.32
MAINE	22,389	11,871	1,453	196	1.65	10,017	84.38	213	1.79	16,383	138.01	22	0.19	399	3.36
MARYLAND	28,752	40,536	3,863	639	1.58	48,940	120.73	682	1.68	80,410	198.37	123	0.30	4,167	10.28
MASSACHUSETTS	34,076	46,130	3,709	546	1.18	73,122	158.51	605	1.31	91,563	198.49	124	0.27	3,421	7.42
MICHIGAN	117,449	81,091	1,892	1,399	1.73	97,478	120.21	1,566	1.93	148,972	183.71	224	0.28	3,792	4.68
MINNESOTA	129,397	38,946	825	501	1.29	27,958	71.79	566	1.45	44,634	114.60	65	0.17	1,499	3.85
MISSISSIPPI	72,520	24,398	922	626	2.57	13,980	57.30	746	3.06	26,577	108.93	69	0.28	588	2.41
MISSOURI 3/	120,527	50,883	1,157	943	1.85	41,686	81.93	1,097	2.16	66,138	129.98	101	0.20	2,055	4.04
MONTANA	71,387	8,332	320	190	2.28	5,520	66.25	212	2.54	8,280	99.38	11	0.13	159	1.91
NEBRASKA	92,403	13,958	414	220	1.58	15,501	111.05	262	1.88	23,288	166.84	26	0.19	653	4.68
NEVADA	45,524	10,215	615	300	2.94	12,552	122.88	343	3.36	19,193	187.89	57	0.56	691	6.76
NEW HAMPSHIRE 3/	14,836	9,844	1,818	140	1.42	3,381	34.35	158	1.61	6,982	70.93	14	0.14	516	5.24
NEW JERSEY	34,252	58,923	4,713	817	1.39	102,950	174.72	886	1.50	162,574	275.91	202	0.34	7,332	12.44
NEW MEXICO	54,736	16,148	808	440	2.72	15,892	98.41	499	3.09	24,796	153.55	83	0.51	995	6.16
NEW YORK 3/	111,242	106,902	2,633	2,032	1.90	200,301	187.37	2,212	2.07	296,933	277.76	590	0.55	22,283	20.84
NORTH CAROLINA	94,690	62,707	1,814	1,250	1.99	248,625	396.49	1,385	2.21	117,973	188.13	187	0.30	2,873	4.58
NORTH DAKOTA	86,517	5,910	187	104	1.76	3,164	53.54	112	1.90	4,629	78.32	13	0.22	106	1.79
OHIO 3/	113,600	86,972	2,098	1,479	1.70	120,195	138.20	1,636	1.88	201,716	231.93	198	0.23	4,475	5.15
OKLAHOMA	111,765	33,081	811	557	1.68	24,674	74.59	640	1.93	38,582	116.63	54	0.16	652	1.97
OREGON	94,969	26,738	771	500	1.87	22,412	83.82	579	2.17	35,201	131.65	66	0.25	478	1.79
PENNSYLVANIA	116,508	85,708	2,015	1,514	1.77	92,617	108.06	1,646	1.92	142,945	166.78	265	0.31	6,684	7.80
RHODE ISLAND	6,111	7,024	3,149	79	1.12	8,047	114.56	84	1.20	11,734	167.06	14	0.20	200	2.85
SOUTH CAROLINA	64,046	34,376	1,471	884	2.57	29,776	86.62	979	2.85	48,337	140.61	108	0.31	1,137	3.31
SOUTH DAKOTA	74,696	6,989	256	139	1.99	4,820	68.97	153	2.19	7,261	103.89	15	0.21	138	1.97
TENNESSEE 3/	84,639	46,710	1,512	1,044	2.24	46,805	100.20	1,176	2.52	72,254	154.69	107	0.23	1,950	4.17
TEXAS	305,951	162,232	1,453	2,881	1.78	162,424	100.12	3,241	2.00	262,576	161.85	484	0.30	5,664	3.49
UTAH	43,244	14,646	928	236	1.61	14,941	102.01	272	1.86	22,650	154.65	34	0.23	1,870	12.77
VERMONT	14,121	5,838	1,133	82	1.40	3,617	61.96	88	1.51	5,581	95.60	10	0.17	232	3.97
VIRGINIA	67,700	60,178	2,435	952	1.58	51,754	86.00	1,077	1.79	76,436	127.02	119	0.20	2,220	3.69
WASHINGTON	81,299	44,695	1,506	726	1.62	51,713	115.70	825	1.85	76,064	170.18	80	0.18	1,783	3.99
WEST VIRGINIA	34,592	15,418	1,221	407	2.64	18,138	117.64	481	3.12	27,997	181.59	38	0.25	552	3.58
WISCONSIN	109,876	44,277	1,104	678	1.53	42,394	95.75	789	1.74	62,530	141.22	64	0.14	2,180	4.92
WYOMING	39,213	5,833	408	105	1.80	3,409	58.44	125	2.14	5,367	92.01	8	0.14	99	1.70
TOTAL	3,880,151	2,147,501	1,516	39,779	1.85	2,501,167	116.47	44,529	2.07	3,600,307	167.65	6,468	0.30	135,163	6.29

Roadway Extent, Characteristics, and Performance

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

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

# MOTOR VEHICLE ACCIDENTS BY HIGHWAY SYSTEM -- 1990

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

TABLE F1-2  
SEPTEMBER 1991

HIGHWAY CATEGORY	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	INJURY ACCIDENTS				PERSONS INJURED				PEDESTRIANS INJURED			
			FATAL		NON-FATAL 1/		FATAL		NON-FATAL 1/		FATAL		NON-FATAL 1/	
			NUMBER 2/	RATE 3/	NUMBER	RATE 3/	NUMBER 2/	RATE 3/	NUMBER	RATE 3/	NUMBER 2/	RATE 3/	NUMBER	RATE 3/
<b>RURAL SYSTEMS</b>														
INTERSTATE	33,547	200,573	2,258	1.13	43,911	21.89	2,713	1.35	72,921	36.36	206	0.10	716	0.36
OTHER PRINCIPAL ARTERIALS														
OTHER FEDERAL-AID PRIMARY	83,085	173,737	3,862	2.22	87,318	50.26	4,625	2.66	150,445	86.59	346	0.20	1,536	0.88
NON-FEDERAL-AID	717	1,645	156	9.48	1,222	74.29	192	11.67	2,170	131.91	6	0.36	9	0.55
SUBTOTAL	83,802	175,382	4,018	2.29	88,540	50.48	4,817	2.75	152,615	87.02	352	0.20	1,545	0.88
MINOR ARTERIALS														
OTHER FEDERAL-AID PRIMARY	142,993	155,289	4,341	2.80	114,030	73.43	5,037	3.24	191,956	123.61	351	0.23	2,076	1.34
NON-FEDERAL-AID	1,742	555	38	6.85	866	156.04	52	9.37	1,503	270.81	6	1.08	24	4.32
SUBTOTAL	144,735	155,844	4,379	2.81	114,896	73.73	5,089	3.27	193,459	124.14	357	0.23	2,100	1.35
MAJOR COLLECTORS														
FEDERAL-AID SECONDARY	399,974	187,011	5,898	3.15	166,172	88.86	6,737	3.60	264,968	141.69	484	0.26	4,052	2.17
NON-FEDERAL-AID	36,391	4,291	189	4.40	4,641	108.16	209	4.87	8,039	187.35	16	0.37	115	2.68
SUBTOTAL	436,365	191,302	6,087	3.18	170,813	89.29	6,946	3.63	273,007	142.71	500	0.26	4,167	2.18
MINOR COLLECTORS	293,912	50,462	1,699	3.37	60,610	120.11	1,875	3.72	90,243	178.83	105	0.21	1,405	2.78
LOCALS	2,130,427	96,846	3,956	4.08	189,870	196.05	4,339	4.48	282,541	291.74	308	0.32	8,846	9.13
<b>TOTAL -- ALL RURAL SYSTEMS</b>	<b>3,122,788</b>	<b>870,409</b>	<b>22,397</b>	<b>2.57</b>	<b>668,640</b>	<b>76.82</b>	<b>25,779</b>	<b>2.96</b>	<b>1,064,786</b>	<b>122.33</b>	<b>1,828</b>	<b>0.21</b>	<b>18,779</b>	<b>2.16</b>
<b>URBAN SYSTEMS</b>														
INTERSTATE	11,527	278,404	1,965	0.71	120,668	43.34	2,228	0.80	187,509	67.35	452	0.16	1,889	0.68
OTHER PRINCIPAL ARTERIALS														
FREEWAYS & EXPRESSWAYS														
OTHER FEDERAL-AID PRIMARY	6,464	119,826	884	0.74	72,727	60.69	969	0.81	111,551	93.09	175	0.15	1,954	1.63
FEDERAL-AID URBAN	759	5,313	64	1.20	8,060	151.70	68	1.28	13,096	246.49	12	0.23	350	6.59
NON-FEDERAL-AID	447	2,292	43	1.88	2,516	109.77	46	2.01	4,260	185.86	13	0.57	50	2.18
SUBTOTAL	7,670	127,431	991	0.78	83,303	65.37	1,083	0.85	128,907	101.16	200	0.16	2,354	1.85
NON-FREEWAYS & EXPRESSWAYS														
OTHER FEDERAL-AID PRIMARY	26,352	262,952	2,617	1.00	221,346	84.18	2,877	1.09	353,572	134.46	685	0.26	9,689	3.68
FEDERAL-AID URBAN	24,864	69,430	3,494	5.03	281,669	405.69	3,725	5.37	446,633	643.29	1,140	1.64	19,190	27.64
NON-FEDERAL-AID	771	3,305	32	0.97	3,420	103.48	32	0.97	5,589	169.11	13	0.39	165	4.99
SUBTOTAL	51,987	335,687	6,143	1.83	506,435	150.87	6,634	1.98	805,794	240.04	1,838	0.55	29,044	8.65
SUBTOTAL	59,657	463,118	7,134	1.54	589,738	127.34	7,717	1.67	934,701	201.83	2,038	0.44	31,398	6.78
MINOR ARTERIALS														
OTHER FEDERAL-AID PRIMARY	1,379	121,982	215	0.18	19,884	16.30	235	0.19	32,700	26.81	70	0.06	546	0.45
FEDERAL-AID URBAN	66,486	105,814	3,378	3.19	333,313	315.00	3,590	3.39	514,752	486.47	871	0.82	22,517	21.28
NON-FEDERAL-AID	6,791	7,240	141	1.95	16,314	225.33	154	2.13	25,788	356.19	32	0.44	1,641	22.67
SUBTOTAL	74,656	235,036	3,734	1.59	369,511	157.21	3,979	1.69	573,240	243.89	973	0.41	24,704	10.51
COLLECTORS														
FEDERAL-AID URBAN	55,571	92,090	1,087	1.18	123,519	134.13	1,158	1.26	180,999	196.55	256	0.28	11,919	12.94
NON-FEDERAL-AID	22,677	11,666	222	1.90	28,113	240.98	234	2.01	40,884	350.45	45	0.39	2,013	17.26
SUBTOTAL	78,248	103,756	1,309	1.26	151,632	146.14	1,392	1.34	221,883	213.85	301	0.29	13,932	13.43
LOCALS	533,275	196,778	3,240	1.65	600,978	305.41	3,434	1.75	618,188	314.16	876	0.45	44,461	22.59
<b>TOTAL -- ALL URBAN SYSTEMS</b>	<b>757,363</b>	<b>1,277,092</b>	<b>17,382</b>	<b>1.36</b>	<b>1,832,527</b>	<b>143.49</b>	<b>18,750</b>	<b>1.47</b>	<b>2,535,521</b>	<b>198.54</b>	<b>4,640</b>	<b>0.36</b>	<b>116,384</b>	<b>9.11</b>
<b>ALL SYSTEMS</b>														
INTERSTATE	45,074	478,977	4,223	0.88	164,579	34.36	4,941	1.03	260,430	54.37	658	0.14	2,605	0.54
OTHER FEDERAL-AID PRIMARY	260,273	833,786	11,919	1.43	515,305	61.80	13,743	1.65	840,224	100.77	1,627	0.20	15,801	1.90
FEDERAL-AID URBAN	147,680	272,647	8,023	2.94	746,561	273.82	8,541	3.13	1,155,480	423.80	2,279	0.84	53,976	19.80
FEDERAL-AID SECONDARY	399,974	187,011	5,898	3.15	166,172	88.86	6,737	3.60	264,968	141.69	484	0.26	4,052	2.17
NON-FEDERAL-AID	3,027,150	375,080	9,716	2.59	908,550	242.23	10,567	2.82	1,079,205	287.73	1,420	0.38	58,729	15.66
<b>TOTAL -- STATEWIDE</b>	<b>3,880,151</b>	<b>2,147,501</b>	<b>39,779</b>	<b>1.85</b>	<b>2,501,167</b>	<b>116.47</b>	<b>44,529</b>	<b>2.07</b>	<b>3,600,307</b>	<b>167.65</b>	<b>6,468</b>	<b>0.30</b>	<b>135,163</b>	<b>6.29</b>

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

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

# SPEED DATA<sup>1</sup>

IN MILES PER HOUR

BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1990

TRAVEL MONITORING DIVISION  
OFFICE OF HIGHWAY INFORMATION MANAGEMENT

(OCTOBER 1989 - SEPTEMBER 1990)

TABLE VS-1  
SEPTEMBER 1991

STATE	URBAN									RURAL						STATEWIDE					
	INTERSTATE			OTHER FREEWAYS AND EXPRESSWAYS			OTHER PRINCIPAL AND MINOR ARTERIALS			INTERSTATE			OTHER PRINCIPAL AND MINOR ARTERIALS						MAJOR COLLECTORS		
	AVERAGE	MEDIAN <sup>2/</sup>	85TH PERCENTILE <sup>3/</sup>	AVERAGE	MEDIAN <sup>2/</sup>	85TH PERCENTILE <sup>3/</sup>	AVERAGE	MEDIAN <sup>2/</sup>	85TH PERCENTILE <sup>3/</sup>	AVERAGE	MEDIAN <sup>2/</sup>	85TH PERCENTILE <sup>3/</sup>	AVERAGE	MEDIAN <sup>2/</sup>	85TH PERCENTILE <sup>3/</sup>	AVERAGE	MEDIAN <sup>2/</sup>	85TH PERCENTILE <sup>3/</sup>	AVERAGE	MEDIAN <sup>2/</sup>	85TH PERCENTILE <sup>3/</sup>
ALABAMA	59.8	55.7	66.8	(4/)	(4/)	(4/)	55.8	56.0	62.6	(4/)	(4/)	(4/)	58.3	57.9	64.5	55.6	55.4	62.4	57.6	56.6	64.2
ALASKA	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	53.6	59.0	65.2	(4/)	(4/)	(4/)	58.1	57.7	64.8	48.5	48.1	55.3	57.5	57.1	63.9
ARIZONA	59.5	56.6	66.4	60.6	61.6	67.7	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	58.9	57.4	64.1	55.1	55.4	61.2	57.7	58.4	64.7
ARKANSAS	59.9	59.9	67.0	59.9	60.1	66.8	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.4	56.5	64.1	54.7	54.2	63.4	56.6	56.5	64.5
CALIFORNIA	55.1	57.7	65.7	58.0	59.9	66.6	53.6	54.3	60.9	61.0	61.0	68.6	60.4	61.2	67.7	57.6	58.5	65.3	56.9	58.7	65.9
COLORADO	57.6	57.9	63.9	54.4	55.7	62.5	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.6	56.6	62.8	54.4	54.5	61.1	56.4	56.6	62.9
CONNECTICUT	60.5	60.5	68.0	58.0	57.5	65.2	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	62.1	61.6	68.7	60.0	59.2	66.9	60.2	60.0	67.5
DELAWARE	61.2	61.5	69.4	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	54.7	54.6	61.3	(4/)	(4/)	(4/)	57.1	57.1	64.3
DIST. OF COL.	(5/)	(5/)	(5/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
FLORIDA	60.3	60.0	66.8	(4/)	(4/)	(4/)	55.3	54.5	62.7	(4/)	(4/)	(4/)	58.6	58.1	64.6	53.1	52.4	59.3	57.5	57.0	64.1
GEORGIA	62.0	62.3	70.7	58.1	58.2	64.9	53.8	54.9	62.4	(4/)	(4/)	(4/)	54.4	54.4	61.8	49.7	49.9	57.4	56.1	56.4	64.1
HAWAII	58.9	59.0	66.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	53.5	53.3	59.3	54.9	54.6	62.1	56.7	56.7	63.9
IDAH0	57.4	57.6	63.7	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	52.5	53.4	59.3	56.9	57.8	65.2	53.9	54.7	61.0
ILLINOIS	58.4	57.2	64.5	57.3	57.3	63.3	55.6	55.3	61.8	(4/)	(4/)	(4/)	55.6	55.4	61.5	56.3	56.3	63.0	55.8	56.2	62.9
INDIANA	61.5	60.2	68.4	60.7	58.6	66.0	53.5	53.3	60.0	(4/)	(4/)	(4/)	57.1	57.2	63.6	55.4	55.6	62.8	57.5	57.0	64.1
IOWA	55.1	55.3	59.7	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.0	56.3	61.0	55.7	56.1	63.0	55.8	56.1	61.3
KANSAS	60.1	61.3	67.6	57.8	58.3	64.6	56.0	56.7	62.0	(4/)	(4/)	(4/)	56.7	57.4	63.4	54.6	56.2	64.8	57.0	58.0	64.5
KENTUCKY	58.0	58.5	64.7	56.4	56.8	63.6	52.5	53.7	62.0	(4/)	(4/)	(4/)	57.1	57.1	67.5	48.9	50.9	59.7	53.9	54.8	63.6
LOUISIANA	61.0	60.8	67.0	(4/)	(4/)	(4/)	54.9	55.6	62.9	64.7	64.3	71.8	55.5	55.8	61.8	55.0	55.4	63.5	56.8	57.0	63.6
MAINE	58.8	59.2	66.1	56.5	57.0	63.6	51.1	52.1	58.0	(4/)	(4/)	(4/)	53.0	53.5	59.7	53.8	54.2	60.8	54.3	54.8	61.2
MARYLAND	57.4	58.9	68.4	53.7	54.8	61.5	54.6	55.2	63.3	59.0	59.6	66.7	56.6	57.3	64.5	(4/)	(4/)	(4/)	56.9	57.9	65.2
MASSACHUSETTS	59.5	60.0	67.8	56.5	57.9	65.5	57.8	58.1	65.1	61.4	61.9	67.9	69.2	59.0	65.8	0.0	0.0	0.0	59.2	59.8	67.2
MICHIGAN	58.3	59.7	68.2	60.8	61.2	67.5	57.5	58.5	64.7	(4/)	(4/)	(4/)	57.2	58.1	64.4	55.0	55.5	62.0	57.2	58.1	65.0
MINNESOTA	56.9	58.8	64.7	59.0	59.0	65.1	56.9	57.2	65.0	(4/)	(4/)	(4/)	58.2	58.3	64.3	56.2	57.3	64.0	57.4	58.0	64.7
MISSISSIPPI	61.2	62.0	67.6	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.8	58.1	64.9	52.6	54.7	63.1	55.7	57.2	64.5
MISSOURI	57.8	56.7	65.5	57.5	58.1	64.2	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	57.6	58.2	64.3	54.7	55.5	63.2	57.0	57.6	64.4
MONTANA	58.8	59.0	65.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	57.0	57.7	64.6	52.8	50.4	60.6	56.3	56.5	64.0
NEBRASKA	59.5	60.0	64.5	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	57.5	57.6	62.2	57.8	57.9	64.0	57.8	57.9	62.7
NEVADA	58.2	58.9	65.5	57.1	57.6	64.4	53.8	54.0	60.5	57.2	57.9	64.2	59.0	60.0	67.0	55.5	55.7	61.7	57.7	58.4	65.0
NEW HAMPSHIRE	61.2	61.6	69.7	60.4	60.9	68.2	56.2	57.1	63.2	(4/)	(4/)	(4/)	56.4	57.1	63.6	56.6	57.3	63.4	57.9	58.6	65.4
NEW JERSEY	59.1	54.4	65.9	60.8	55.5	66.8	56.6	51.9	63.2	60.6	55.8	67.3	58.0	52.9	65.4	(4/)	(4/)	(4/)	59.3	54.5	66.0
NEW MEXICO	58.3	57.8	65.2	(4/)	(4/)	(4/)	46.7	45.2	53.2	(4/)	(4/)	(4/)	60.3	60.2	70.5	54.8	53.8	62.3	57.3	56.5	65.5
NEW YORK	62.3	62.1	69.4	55.7	56.5	66.2	55.2	54.8	62.8	64.4	63.8	71.0	53.2	53.3	59.9	51.5	51.8	58.8	57.4	57.4	65.1
NORTH CAROLINA	58.1	58.7	63.9	57.12	57.9	63.3	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.7	57.3	62.7	54.5	55.4	61.3	56.5	57.3	62.8
NORTH DAKOTA	56.0	56.4	62.2	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	55.9	56.5	62.1	56.1	57.7	65.4	56.0	56.8	62.7
OHIO	60.6	60.4	67.4	57.2	57.7	63.6	58.6	58.8	65.3	60.4	60.7	68.1	56.8	57.2	62.8	57.3	57.8	63.9	58.4	58.7	64.9
OKLAHOMA	57.4	57.0	63.0	56.5	57.0	63.0	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.5	57.0	63.0	56.5	57.0	63.0	56.7	57.0	63.0
OREGON	58.4	58.2	65.8	50.5	50.9	65.2	51.7	52.2	58.0	(4/)	(4/)	(4/)	54.7	54.9	62.5	55.5	55.5	64.7	55.7	55.8	63.6
PENNSYLVANIA	56.5	56.8	65.2	59.1	59.8	65.9	50.7	51.3	57.2	64.3	64.7	68.8	52.6	53.0	59.9	52.3	52.8	61.3	56.0	58.4	63.3
RHODE ISLAND	57.6	57.7	65.1	56.8	56.7	64.4	(4/)	(4/)	(4/)	58.1	58.3	65.5	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	57.5	57.5	65.0
SOUTH CAROLINA	59.2	59.3	64.9	55.8	55.6	61.8	49.1	48.0	53.0	(4/)	(4/)	(4/)	59.1	59.0	64.5	53.9	54.3	62.2	57.0	57.0	63.2
SOUTH DAKOTA	52.5	52.0	57.4	(4/)	(4/)	(4/)	52.3	52.7	58.7	60.1	59.4	65.4	57.8	57.3	63.1	55.0	54.7	60.2	56.8	56.4	62.1
TENNESSEE	61.8	59.7	67.4	(4/)	(4/)	(4/)	54.3	53.9	60.1	(4/)	(4/)	(4/)	64.3	54.1	60.0	48.0	47.6	55.4	55.9	55.1	61.8
TEXAS	60.6	60.0	66.9	59.3	58.4	65.5	55.7	54.6	63.9	(4/)	(4/)	(4/)	57.8	57.3	64.5	53.3	52.7	62.5	57.7	57.0	65.4
UTAH	60.4	57.9	65.1	54.7	51.2	57.3	53.0	50.6	55.5	(4/)	(4/)	(4/)	54.6	50.2	56.6	54.8	51.7	57.3	57.5	54.3	61.0
VERMONT	50.7	50.0	59.2	(4/)	(4/)	(4/)	46.9	45.9	54.7	(4/)	(4/)	(4/)	49.3	48.9	58.0	(4/)	(4/)	(4/)	49.5	49.0	58.1
VIRGINIA	58.1	59.0	66.0	56.0	56.0	63.0	54.2	55.0	62.0	(4/)	(4/)	(4/)	54.7	55.0	62.0	51.2	52.0	60.0	54.8	55.4	62.6
WASHINGTON	58.5	59.3	65.2	58.7	59.4	66.0	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	55.9	56.7	63.3	58.0	58.6	65.2	56.9	58.4	64.6
WEST VIRGINIA	58.8	59.1	65.6	(4/)	(4/)	(4/)	53.6	54.5	61.8	(4/)	(4/)	(4/)	52.8	54.2	61.0	50.7	50.8	61.2	52.7	53.3	61.4
WISCONSIN	59.9	60.0	65.9	58.5	59.5	65.6	55.7	55.4	62.3	(4/)	(4/)	(4/)	58.1	58.1	65.0	53.1	54.7	61.8	57.2	57.6	64.3
WYOMING	61.3	61.4	69.6	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.7	57.3	65.2	58.6	58.8	65.6	57.3	57.8	65.5
AVERAGE	58.6	58.7	65.8	57.6	57.7	64.6	54.1	54.1	61.1	60.4	60.2	67.6	56.4	56.4	63.2	54.3	54.6	62.0	56.6	56.7	63.9

1/ SPEED DATA ARE FOR ALL VEHICLES RATHER THAN FREE FLOWING VEHICLES AS IN VS-1 TABLES PRIOR TO 1980. DATA HAVE NOT BEEN ADJUSTED FOR SPEEDOMETER OR EQUIPMENT ERRORS. DATA IN THIS TABLE ARE ONLY FOR HIGHWAYS WITH A 55 MPH SPEED LIMIT.  
2/ MEDIAN SPEED IS THE SPEED AT OR BELOW WHICH 50 PERCENT OF THE VEHICLES ARE TRAVELING.  
3/ 85TH PERCENTILE SPEED IS THE SPEED AT OR BELOW WHICH 85 PERCENT OF THE VEHICLES ARE

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

**SPEED DATA<sup>1</sup>**  
**IN PERCENT EXCEEDING INDICATED MILES-PER-HOUR INCREMENTS**  
**BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1990**

TRAVEL MONITORING DIVISION  
 OFFICE OF HIGHWAY INFORMATION MANAGEMENT

(OCTOBER 1989 - SEPTEMBER 1990)

TABLE VS-2  
 SEPTEMBER 1991

STATE	URBAN									RURAL									STATEWIDE		
	INTERSTATE			OTHER FREEWAYS AND EXPRESSWAYS			OTHER PRINCIPAL AND MINOR ARTERIALS			INTERSTATE			OTHER PRINCIPAL AND MINOR ARTERIALS			MAJOR COLLECTORS					
	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH
ALABAMA	74.2	44.9	19.8	(2/)	(2/)	(2/)	56.2	24.8	5.9	(2/)	(2/)	(2/)	70.2	35.8	12.7	52.4	22.0	7.2	64.6	32.7	11.8
ALASKA	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	74.0	43.9	15.5	(2/)	(2/)	(2/)	65.8	36.9	14.2	15.7	5.2	1.7	63.0	35.6	13.3
ARIZONA	76.1	50.1	24.1	81.6	55.1	26.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	58.5	25.7	8.1	46.4	18.8	5.4	64.7	34.5	9.3
ARKANSAS	74.3	48.9	21.0	79.1	49.9	20.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	50.9	29.4	11.1	44.4	24.2	10.3	54.0	31.9	12.9
CALIFORNIA	68.2	34.3	13.8	75.0	44.5	16.6	36.1	14.7	4.6	86.2	49.8	23.1	72.0	51.4	19.9	75.5	33.1	12.3	68.8	38.3	14.9
COLORADO	67.4	34.6	12.1	57.9	30.6	10.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.4	27.1	8.6	45.2	17.5	4.1	60.1	28.7	9.4
CONNECTICUT	76.6	52.2	25.2	63.0	37.3	15.3	(2/)	(2/)	(2/)	85.9	61.0	30.7	75.5	45.4	19.9	(2/)	(2/)	(2/)	75.4	50.3	23.8
DELAWARE	79.5	52.7	25.6	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	41.2	15.7	4.5	(2/)	(2/)	(2/)	55.3	29.4	12.3
DIST. OF COL.	(3/)	(3/)	(3/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
FLORIDA	76.5	49.9	20.5	(2/)	(2/)	(2/)	47.4	23.0	8.2	(2/)	(2/)	(2/)	70.4	37.9	17.9	34.3	11.7	3.1	62.1	23.9	12.6
GEORGIA	78.4	56.3	32.1	63.4	32.3	10.0	43.6	18.8	5.4	(2/)	(2/)	(2/)	39.6	16.6	7.9	18.3	6.6	2.3	50.0	28.6	14.6
HAWAII	64.1	37.4	16.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	26.4	8.3	2.7	21.8	8.1	3.5	47.1	24.7	10.5
IDAHO	69.4	25.5	5.9	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	52.3	6.8	1.3	44.9	30.9	11.8	52.0	13.7	4.0
ILLINOIS	62.5	33.0	12.9	62.1	25.2	8.8	51.3	20.2	5.6	(2/)	(2/)	(2/)	52.7	18.9	5.5	58.8	24.7	8.1	58.1	26.3	9.3
INDIANA	76.7	50.9	25.7	80.9	47.6	17.6	40.6	15.0	4.2	(2/)	(2/)	(2/)	66.1	30.0	9.2	53.7	24.0	8.1	62.5	31.0	11.5
IOWA	52.8	12.6	1.6	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	60.9	17.7	4.2	57.7	24.2	9.0	59.1	18.6	5.0
KANSAS	80.7	51.9	21.7	65.6	32.2	9.6	56.0	18.3	3.7	(2/)	(2/)	(2/)	59.6	25.7	8.4	49.9	28.0	12.8	61.9	31.3	11.7
KENTUCKY	68.1	32.2	9.2	56.0	23.1	7.4	38.1	17.2	8.3	(2/)	(2/)	(2/)	54.3	33.9	18.3	27.1	10.6	3.6	45.9	23.3	9.7
LOUISIANA	81.4	50.2	24.3	(2/)	(2/)	(2/)	45.4	21.5	8.3	80.8	74.5	45.2	51.0	20.6	6.7	49.9	24.8	9.6	58.2	30.0	12.7
MAINE	66.8	39.6	15.4	56.6	24.1	6.5	21.6	4.8	0.8	(2/)	(2/)	(2/)	30.5	9.5	2.5	37.6	14.0	3.5	39.5	16.2	5.2
MARYLAND	68.4	40.7	17.0	46.7	21.4	5.8	51.7	26.8	9.1	72.2	45.0	19.2	68.4	32.8	13.4	(2/)	(2/)	(2/)	62.9	36.3	14.7
MASSACHUSETTS	69.9	44.6	21.7	61.3	36.5	15.7	58.7	32.3	13.4	84.8	56.1	22.6	66.9	39.5	16.3	0.0	0.0	0.0	70.0	44.1	20.3
MICHIGAN	70.5	44.5	21.2	77.8	51.4	19.4	63.9	34.1	8.2	(2/)	(2/)	(2/)	53.3	30.2	7.6	48.4	17.3	6.0	59.5	32.5	12.1
MINNESOTA	74.5	41.8	13.6	75.5	42.6	15.5	61.9	34.2	15.0	(2/)	(2/)	(2/)	73.7	37.4	11.7	64.7	31.7	11.1	69.2	36.8	13.3
MISSISSIPPI	86.2	62.0	31.5	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	68.2	38.4	14.7	48.4	24.3	9.3	62.7	35.2	14.0
MISSOURI	67.0	34.6	11.3	67.1	29.1	7.2	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	63.3	26.9	7.3	44.9	21.0	6.6	60.9	28.3	8.4
MONTANA	69.9	37.0	14.5	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.9	28.7	9.4	28.3	14.0	8.1	54.9	25.4	9.3
NEBRASKA	75.9	39.5	11.0	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	73.3	29.1	6.9	65.9	32.4	10.9	72.3	30.8	8.0
NEVADA	68.0	37.8	12.7	60.3	29.8	8.4	35.8	12.8	3.2	63.0	29.6	7.1	74.8	44.2	17.4	48.1	17.1	3.4	64.7	34.4	13.2
NEW HAMPSHIRE	79.9	53.0	29.4	79.1	49.6	22.7	57.6	22.2	5.6	(2/)	(2/)	(2/)	67.3	23.2	7.2	59.5	22.3	6.8	64.6	32.3	13.6
NEW JERSEY	70.4	40.5	14.3	81.7	47.4	17.1	56.3	22.8	5.4	77.5	47.7	18.7	60.4	32.7	12.5	(2/)	(2/)	(2/)	71.6	40.7	14.8
NEW MEXICO	67.4	36.9	15.2	(2/)	(2/)	(2/)	7.3	2.1	0.5	(2/)	(2/)	(2/)	73.7	50.8	28.2	44.9	21.0	7.7	59.3	34.7	16.4
NEW YORK	82.5	61.2	34.2	65.8	34.9	17.3	48.7	23.8	8.1	91.3	75.4	42.4	38.5	14.3	3.6	30.3	10.0	2.6	59.9	38.1	19.0
NORTH CAROLINA	71.7	35.0	7.4	66.8	25.9	4.5	(2/)	(2/)	(2/)	90.2	61.0	24.8	63.6	25.8	5.8	48.9	15.9	3.8	61.7	25.5	6.2
NORTH DAKOTA	57.8	27.7	9.3	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.1	25.3	5.7	51.3	33.7	13.0	59.5	27.1	7.4
OHIO	81.0	46.2	18.5	66.0	23.9	6.0	68.9	34.9	11.9	78.6	48.2	20.5	50.6	20.4	5.2	38.9	26.5	7.4	61.2	32.2	11.1
OKLAHOMA	55.4	41.6	13.2	59.7	30.6	4.7	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	50.7	26.6	6.6	56.6	31.5	9.0	53.9	31.3	8.7
OREGON	65.5	37.0	15.2	71.0	39.9	13.5	24.1	6.3	1.5	(2/)	(2/)	(2/)	46.4	20.4	6.8	50.0	26.4	13.0	51.5	25.5	9.9
PENNSYLVANIA	55.4	26.6	9.4	72.8	41.3	17.3	24.1	7.0	1.6	83.1	54.2	25.2	31.5	11.5	4.0	33.8	15.7	6.8	52.5	27.7	11.5
RHODE ISLAND	59.5	31.2	11.6	53.8	26.6	9.5	(2/)	(2/)	(2/)	62.8	34.4	12.7	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	58.7	30.7	11.3
SOUTH CAROLINA	82.4	47.9	19.4	49.2	20.1	5.5	14.2	1.8	0.4	(2/)	(2/)	(2/)	59.5	45.4	17.9	36.2	18.2	6.8	53.3	35.1	13.7
SOUTH DAKOTA	33.7	9.7	1.9	(2/)	(2/)	(2/)	33.3	9.0	1.7	77.1	44.2	18.6	67.3	33.3	10.0	46.2	21.0	8.8	60.3	28.9	9.1
TENNESSEE	75.5	48.4	22.3	(2/)	(2/)	(2/)	53.5	15.3	4.5	(2/)	(2/)	(2/)	52.0	15.0	9.6	21.1	4.5	1.2	55.9	24.5	9.5
TEXAS	72.1	49.9	25.9	70.2	40.0	16.2	43.8	25.6	12.0	(2/)	(2/)	(2/)	67.9	32.8	13.1	47.8	20.8	9.4	63.1	35.5	16.6
UTAH	82.9	55.4	24.4	49.3	19.6	5.2	31.5	10.5	2.9	(2/)	(2/)	(2/)	44.8	17.2	6.3	47.0	20.7	7.1	63.9	36.8	15.5
VERMONT	26.6	11.0	4.1	(2/)	(2/)	(2/)	12.7	3.7	0.9	(2/)	(2/)	(2/)	21.9	8.0	2.4	(2/)	(2/)	(2/)	22.7	8.6	2.9
VIRGINIA	73.0	39.7	17.0	53.8	23.0	6.2	49.1	19.2	4.6	(2/)	(2/)	(2/)	49.0	18.3	5.0	29.3	11.7	3.2	50.9	22.6	7.7
WASHINGTON	75.5	38.8	11.1	73.8	34.9	7.9	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	48.2	18.1	4.3	67.2	33.7	11.4	65.5	31.0	8.4
WEST VIRGINIA	71.2	36.7	12.7	(2/)	(2/)	(2/)	36.7	16.9	4.8	(2/)	(2/)	(2/)	42.3	15.0	5.0	29.5	15.3	6.7	38.9	16.3	6.0
WISCONSIN	75.7	43.0	18.1	75.3	38.6	13.2	51.2	18.1	2.9	(2/)	(2/)	(2/)	66.7	35.7	16.6	46.1	18.3	5.3	62.3	32.2	13.4
WYOMING	81.0	55.0	27.4	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	59.2	34.2	13.7	72.0	38.3	15.1	62.9	36.0	14.6
AVERAGE	69.8	40.7	17.1	65.0	34.2	12.0	43.6	18.8	5.8	77.6	50.4	23.2	56.3	27.1	9.6	45.4	20.7	7.4	58.4	30.2	11.5

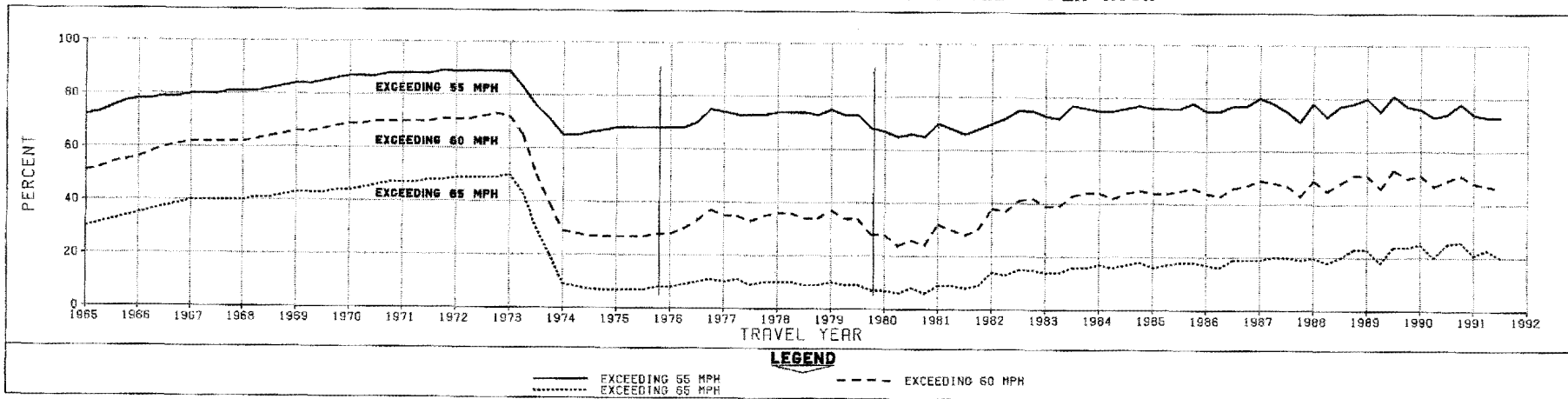
1/ SPEED DATA ARE FOR ALL VEHICLES RATHER THAN FREE FLOWING VEHICLES AS IN VS-2 TABLES PRIOR TO 1980. DATA HAVE NOT BEEN ADJUSTED FOR SPEEDOMETER OR EQUIPMENT ERRORS. DATA IN THIS TABLE ARE ONLY FOR HIGHWAYS WITH A 55 MPH SPEED LIMIT.

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

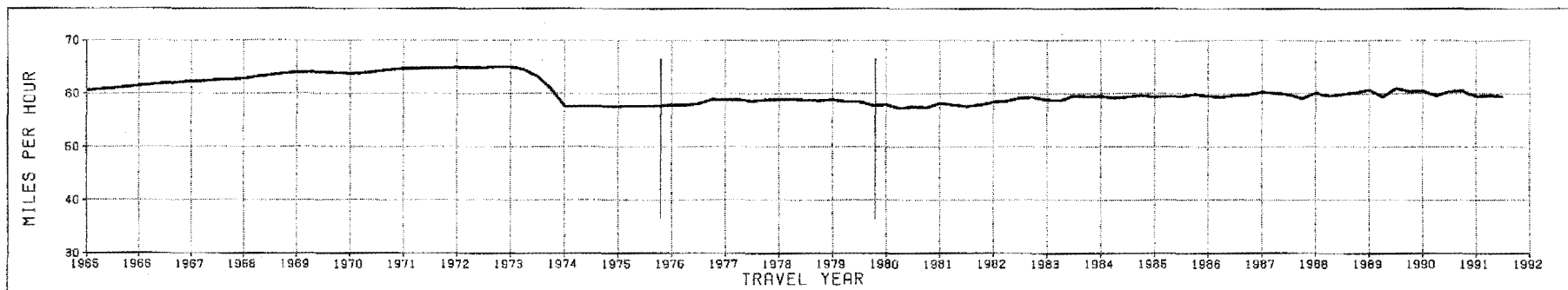
3/ WILSON BRIDGE ONLY SECTION WITH 55 MPH SPEED LIMIT. MARYLAND MONITORS NEAR BRIDGE.

### SPEED TRENDS ON RURAL INTERSTATE HIGHWAYS

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



### AVERAGE SPEED OF VEHICLES ON RURAL INTERSTATE HIGHWAYS



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

# PERCENTAGE DISTRIBUTION OF AVERAGE DAILY TRAFFIC VOLUMES AND LOADINGS

## ON THE RURAL INTERSTATE SYSTEM<sup>1</sup>

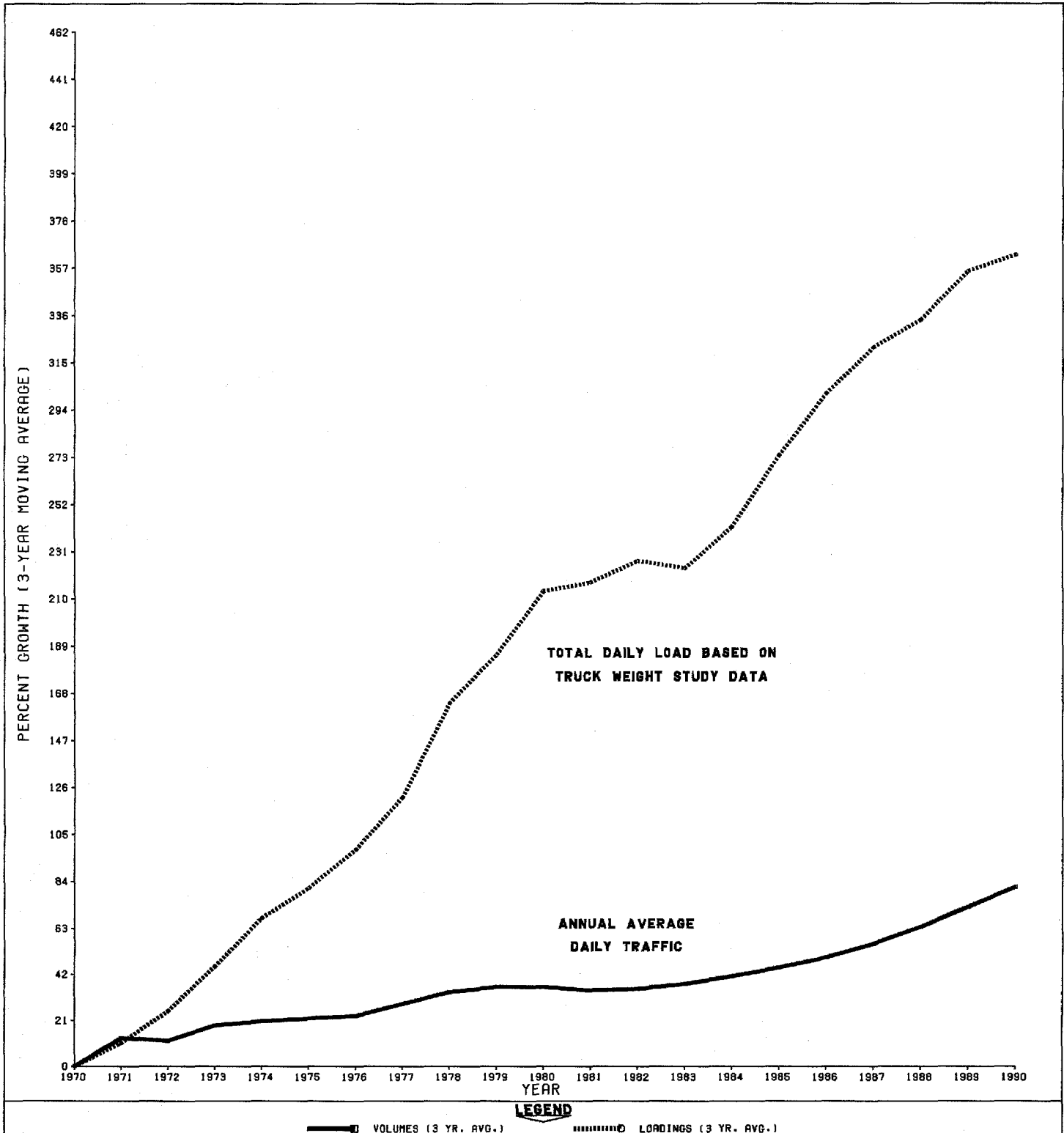
COMPILED FROM DATA SUPPLIED BY STATE  
AUTHORITIES FOR THE TRUCK WEIGHT STUDY

TABLE TC-3  
SEPTEMBER 1991

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

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

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



# HIGHWAY STATISTICS FOR THE COMMONWEALTH OF PUERTO RICO - 1990

COMPILED FROM REPORTS  
OF COMMONWEALTH AUTHORITIES

TABLE PR-1  
SHEET 1 OF 2  
OCTOBER 1991

MOTOR FUEL, MOTOR VEHICLES, AND DRIVER LICENSES	COMMON-WEALTH	HIGHWAY AND MASS TRANSPORTATION	COMMON-WEALTH	LOCAL AUTHORITIES
		(THOUSANDS OF DOLLARS)		
<b>I. MOTOR-FUEL CONSUMPTION</b>		<b>VI. HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS</b>		
<b>A. COMMONWEALTH TAX RATE PER GALLON ON DECEMBER 31:</b>		<b>A. NET HIGHWAY-USER REVENUES:</b>	135,823	-
1. GASOLINE	\$ .16	1. MOTOR-FUEL TAXES	81,453	-
2. DIESEL AND L.P.G.	\$ .08	2. MOTOR-VEHICLE AND CARRIER TAXES		-
<b>B. NET GALLONS TAXED (1,000):</b>		3. SUBTOTAL	197,276	-
1. AT PREVAILING RATES	895,918	<b>B. TOLL RECEIPTS</b>	37,558	-
2. AT OTHER RATES (AVIATION)	3,477	<b>C. OTHER STATE TAXES</b>	-	21,221
<b>3. TOTAL</b>	<u>899,395</u>	<b>D. GENERAL FUND APPROPRIATION</b>	53,647	25,143
		<b>E. FEDERAL HIGHWAY ADMINISTRATION FUNDS</b>	65,420	-
		<b>F. OTHER FEDERAL FUNDS</b>	19,305	-
		<b>G. PARKING FUNDS</b>	-	-
		<b>H. INTERAGENCY PAYMENTS</b>	-	-
<b>II. MOTOR-FUEL TAX RECEIPTS (\$1,000)</b>		<b>I. PROCEEDS FROM BONDS</b>	-	2,062
<b>A. GROSS GALLONAGE RECEIPTS (\$1,000)</b>	138,920	<b>J. PROCEEDS FROM NOTES</b>	-	-
<b>B. LESS:</b>		<b>K. MISCELLANEOUS RECEIPTS</b>	25,936	-
1. REFUNDS PAID	415	<b>L. TOTAL RECEIPTS</b>	<u>399,142</u>	<u>48,426</u>
2. DEDICATED GASOLINE TAX (AVIATION)	70			
<b>C. OTHER RECEIPTS</b>	1,059	<b>M. RESERVES AT BEGINNING OF YEAR</b>	142,926	-
<b>D. NET TOTAL RECEIPTS</b>	<u>139,494</u>	<b>N. TOTAL FUNDS AVAILABLE</b>	<u>542,068</u>	<u>48,426</u>
		<b>VII. DISBURSEMENTS FROM HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS</b>		
<b>III. MOTOR-VEHICLE REGISTRATIONS</b>		<b>A. EXPENSES OF COLLECTING AND ADMINISTERING HIGHWAY-USER REVENUES</b>	6,599	-
<b>A. AUTOMOBILES</b>	1,321,627	<b>B. CAPITAL OUTLAY:</b>		
<b>B. TRUCKS</b>	203,028	1. RURAL ARTERIAL	88,569	NA
<b>C. BUSES</b>	2,956	2. RURAL COLLECTOR	31,888	2,438
<b>D. TOTAL</b>	<u>1,527,611</u>	3. URBAN ARTERIAL	70,926	NA
<b>E. TRAILERS</b>	9,334	4. URBAN COLLECTOR	14,330	338
<b>F. MOTORCYCLES</b>	18,825	5. LOCAL ROADS AND STREETS	58,172	9,471
		<b>6. SUBTOTAL</b>	<u>263,884</u>	<u>12,247</u>
<b>IV. DRIVER LICENSES</b>		<b>C. MAINTENANCE</b>	33,070	27,259
<b>A. LEARNER PERMITS ISSUED</b>	74,898	<b>D. ADMINISTRATION</b>	54,725	-
<b>B. OPERATOR LICENSES ISSUED</b>	278,537	<b>E. HIGHWAY POLICE AND SAFETY</b>	21,302	-
<b>C. CHAUFFER LICENSES ISSUED</b>	80,888	<b>F. BOND INTEREST</b>	49,522	2,654
<b>D. MOTORCYCLE LICENSES ISSUED</b>	40	<b>G. BOND RETIREMENT</b>	32,407	3,636
<b>E. DRIVER LICENSES IN FORCE</b>	1,416,022	<b>H. NOTE INTEREST</b>	-	1,004
		<b>I. NOTE RETIREMENT</b>	-	1,434
		<b>J. MASS TRANSPORTATION</b>	54,777	-
		<b>K. NONHIGHWAY EXPENDITURES</b>	-	-
<b>V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)</b>		<b>L. TOTAL DISBURSEMENTS</b>	<u>509,687</u>	<u>48,234</u>
<b>A. REGISTRATION FEES</b>	61,180	<b>M. RESERVES AT END OF YEAR</b>	32,381	-
<b>B. DRIVER LICENSES</b>	4,344	<b>N. TOTAL FUNDS ACCOUNTED FOR</b>	<u>542,068</u>	<u>48,234</u>
<b>C. MOTOR CARRIERS</b>	123	<b>VIII. BONDED INDEBTEDNESS</b>		
<b>D. OTHER</b>	2,338	<b>A. AMOUNT OUTSTANDING BEGINNING OF YEAR</b>	819,497	2/ 37,365
<b>E. TOTAL</b>	<u>67,985</u>	<b>B. OBLIGATIONS ISSUED (PAR VALUE)</b>	-	2/ 2,062
		<b>C. OBLIGATIONS REDEEMED (PAR VALUE)</b>	32,407	2/ 5,070
		<b>D. AMOUNT OUTSTANDING END OF YEAR</b>	<u>787,090</u>	<u>2/ 34,357</u>

1/ DATA FOR LOCAL AUTHORITIES ARE FOR 1989.

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



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

TABLE PR-1  
SHEET 2 OF 2  
SEPTEMBER 1991

COMPILED IN COOPERATION WITH  
THE COMMONWEALTH AUTHORITIES

ACCESS CONTROL, FEDERAL-AID SYSTEMS, LANE WIDTH AND VEHICLE-MILES	RURAL							URBAN							TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	
MILEAGE BY ACCESS CONTROL, DIVIDED HIGHWAY AND LANES 1/															
NO ACCESS CONTROL															
UNDIVIDED:															
LESS THAN 4 LANES	-	-	56	211	1,009	518	-	1,794	-	1	153	328	431	-	913
4 OR MORE LANES	-	-	6	6	-	-	-	6	-	3	17	33	24	-	77
DIVIDED:															
LESS THAN 4 LANES	5	-	6	-	-	-	-	11	9	-	8	-	-	-	17
4 OR MORE LANES	9	10	5	-	-	-	-	24	19	9	47	11	18	-	104
PARTIAL ACCESS CONTROL															
UNDIVIDED:															
LESS THAN 4 LANES	-	-	-	-	4	-	-	4	-	1	-	-	3	-	4
4 OR MORE LANES	-	-	-	-	-	-	-	-	-	-	1	1	-	2	2
DIVIDED:															
LESS THAN 4 LANES	5	-	-	-	-	-	-	5	4	-	-	-	-	-	4
4 OR MORE LANES	28	2	-	-	-	-	-	30	47	9	21	4	-	-	81
FULL ACCESS CONTROL															
DIVIDED:															
LESS THAN 4 LANES	-	-	-	-	3	-	-	3	-	-	-	-	-	-	3
4 OR MORE LANES	36	11	-	-	-	-	-	47	36	45	1	-	-	-	129
<b>TOTAL MILEAGE</b>	<b>83</b>	<b>79</b>	<b>228</b>	<b>1,016</b>	<b>518</b>	<b>-</b>	<b>1,924</b>	<b>115</b>	<b>68</b>	<b>248</b>	<b>377</b>	<b>476</b>	<b>-</b>	<b>1,264</b>	<b>3,208</b>
MILEAGE BY FEDERAL-AID SYSTEM 2/															
RURAL:															
PRIMARY	-	83	-	228	855	-	-	390	-	-	-	-	-	-	390
SECONDARY	-	-	79	-	-	-	-	855	-	-	-	-	-	-	855
TOTAL RURAL FEDERAL-AID	83	79	228	855	-	-	1,245	-	-	-	-	-	-	-	1,245
URBAN:															
PRIMARY	-	-	-	-	-	-	-	-	115	36	162	17	-	-	330
URBAN	-	-	-	-	-	-	-	-	-	19	85	318	181	-	603
TOTAL URBAN FEDERAL-AID	-	-	-	-	-	-	-	-	115	56	247	335	181	-	934
NON-FEDERAL-AID	-	-	-	161	518	7,443	8,122	-	-	12	1	42	295	2,745	3,095
<b>TOTAL MILEAGE</b>	<b>83</b>	<b>79</b>	<b>228</b>	<b>1,016</b>	<b>518</b>	<b>7,443</b>	<b>9,367</b>	<b>115</b>	<b>68</b>	<b>248</b>	<b>377</b>	<b>476</b>	<b>2,745</b>	<b>4,029</b>	<b>13,368</b>
MILEAGE BY LANE WIDTH 1/															
8 FEET OR LESS	-	-	7	10	386	155	-	558	-	-	3	39	48	-	90
9 FEET	-	-	13	65	302	307	-	687	1	-	20	43	132	-	196
10 FEET	-	-	12	48	242	36	-	338	3	-	36	81	82	-	202
11 FEET	-	2	13	9	21	9	-	54	2	14	52	61	74	-	203
12 FEET OR MORE	81	34	96	65	11	-	-	287	109	54	137	153	140	-	593
<b>TOTAL MILEAGE</b>	<b>83</b>	<b>79</b>	<b>228</b>	<b>1,016</b>	<b>518</b>	<b>-</b>	<b>1,924</b>	<b>115</b>	<b>68</b>	<b>248</b>	<b>377</b>	<b>476</b>	<b>-</b>	<b>1,264</b>	<b>3,208</b>
VEHICLE-MILES OF TRAVEL (MILLIONS)															
VEHICLE-MILES OF TRAVEL	754	423	612	1,073	413	617	3,844	2,331	992	1,929	1,501	1,141	1,120	9,014	12,858

1/ AS EXPANDED FROM THE 1990 HPMS SAMPLE DATA, DATA ON LOCAL FUNCTIONAL SYSTEM NOT AVAILABLE.

2/ DOES NOT INCLUDE 32 MILES OF FEDERAL-AID SECONDARY FERRYBOAT MILEAGE.

# HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS – 1990<sup>1</sup>

COMPILED FROM REPORTS  
OF TERRITORIAL AUTHORITIES

TABLE TER-1  
SHEET 1 OF 2  
OCTOBER 1991

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

# HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS - 1990<sup>1</sup>

COMPILED FROM REPORTS  
OF TERRITORIAL AUTHORITIES

TABLE TER-1  
SHEET 2 OF 2  
OCTOBER 1991

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
<b>MILEAGE BY SURFACE TYPE</b>												
SURFACE TYPE:												
A, B, C	7	-	7	-	13	13	41	-	41	29	3	32
D, E	6	10	16	-	140	140	34	-	34	-	-	-
F, G-1, H-1	3	15	18	-	192	192	-	-	-	258	426	684
G-2, H-2, I	102	-	102	128	-	128	56	-	56	-	-	-
UNCLASSIFIED BY SURFACE TYPE	-	-	-	-	5	5	-	176	176	-	-	-
<b>TOTAL MILEAGE</b>	<b>118</b>	<b>25</b>	<b>143</b>	<b>128</b>	<b>350</b>	<b>478</b>	<b>131</b>	<b>176</b>	<b>307</b>	<b>287</b>	<b>429</b>	<b>716</b>
<b>MILEAGE BY SYSTEMS</b>												
PRIMARY:												
RURAL	118	-	118	61	-	61	62	-	62	264	191	455
MUNICIPAL	-	-	-	61	-	61	-	-	-	12	39	51
SECONDARY:												
MUNICIPAL	-	-	-	6	225	231	69	128	197	-	-	-
RURAL COUNTY ROADS	-	25	25	-	-	-	-	-	-	11	-	11
LOCAL ROADS UNDER STATE CONTROL	-	-	-	-	125	125	-	48	48	-	135	135
OTHER	-	-	-	-	-	-	-	-	-	-	64	64
<b>TOTAL MILEAGE</b>	<b>118</b>	<b>25</b>	<b>143</b>	<b>128</b>	<b>350</b>	<b>478</b>	<b>131</b>	<b>176</b>	<b>307</b>	<b>287</b>	<b>429</b>	<b>716</b>
<b>MILEAGE BY ROADWAY WIDTH</b>												
LESS THAN 20 FEET	-	13	13	-	-	-	50	-	50	-	138	138
20-21	-	-	-	2	-	2	10	-	10	94	130	224
22-23	118	-	118	72	-	72	9	-	9	5	161	166
24-25	-	-	-	14	-	14	34	-	34	155	-	155
27-35	-	-	-	2	-	2	13	-	13	-	-	-
36-43	-	-	-	5	-	5	10	-	10	-	-	-
44-47	-	-	-	7	-	7	-	-	-	-	-	-
48 AND OVER	-	-	-	20	-	20	5	-	5	33	-	33
UNCLASSIFIED BY WIDTH	-	12	12	6	350	356	-	176	176	-	-	-
<b>TOTAL MILEAGE</b>	<b>118</b>	<b>25</b>	<b>143</b>	<b>128</b>	<b>350</b>	<b>478</b>	<b>131</b>	<b>176</b>	<b>307</b>	<b>287</b>	<b>429</b>	<b>716</b>
<b>MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME</b>												
VEHICLES PER DAY:												
LESS THAN 400	66	-	66	-	-	-	25	-	25	-	-	-
400-999	6	-	6	-	-	-	8	-	8	5	33	38
1,000-1,999	23	-	23	24	-	24	1	-	1	14	70	84
2,000-2,999	-	-	-	23	-	23	7	-	7	13	94	107
3,000-3,999	-	-	-	10	-	10	4	-	4	4	40	44
4,000-4,999	-	-	-	2	-	2	3	-	3	4	34	38
5,000-9,999	-	-	-	12	-	12	14	-	14	138	52	190
10,000-14,999	-	-	-	19	-	19	7	-	7	9	-	9
15,000-19,999	-	-	-	15	-	15	4	-	4	19	43	62
20,000-29,999	-	-	-	5	-	5	2	-	2	18	46	64
30,000-39,999	-	-	-	2	-	2	-	-	-	19	6	25
40,000 AND OVER	-	-	-	9	-	9	-	-	-	3	-	3
UNCLASSIFIED BY ADT	23	25	48	7	350	357	56	176	232	41	11	52
<b>TOTAL MILEAGE</b>	<b>118</b>	<b>25</b>	<b>143</b>	<b>128</b>	<b>350</b>	<b>478</b>	<b>131</b>	<b>176</b>	<b>307</b>	<b>287</b>	<b>429</b>	<b>716</b>
<b>MILEAGE BY LANES AND ACCESS CONTROL</b>												
2 LANES	118	25	143	80	-	80	126	-	126	251	403	654
3 LANES	-	-	-	5	-	5	5	-	5	-	-	-
ONE-WAY STREETS	-	-	-	-	-	-	-	-	-	-	26	26
UNDIVIDED 4 OR MORE LANES	-	-	-	10	-	10	-	-	-	11	-	11
DIVIDED 4 OR MORE LANES:												
NO ACCESS CONTROL	-	-	-	-	-	-	-	-	-	14	-	14
PARTIAL ACCESS CONTROL	-	-	-	-	-	-	-	-	-	-	-	-
FULL ACCESS CONTROL	-	-	-	33	-	33	-	-	-	9	-	9
UNCLASSIFIED	-	-	-	-	350	350	-	176	176	-	-	-
<b>TOTAL MILEAGE</b>	<b>118</b>	<b>25</b>	<b>143</b>	<b>128</b>	<b>350</b>	<b>478</b>	<b>131</b>	<b>176</b>	<b>307</b>	<b>287</b>	<b>429</b>	<b>716</b>
<b>VEHICLE--MILES OF TRAVEL (MILLIONS)</b>	<b>63</b>	<b>8</b>	<b>71</b>	<b>529</b>	<b>67</b>	<b>596</b>	<b>126</b>	<b>33</b>	<b>159</b>	<b>369</b>	<b>440</b>	<b>808</b>

1/ NA MEANS NOT AVAILABLE.

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

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

4/ PRIVATE AND COMMERCIAL VEHICLES ONLY.

5/ ESTIMATED BY FEDERAL HIGHWAY ADMINISTRATION.

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

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

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

9/ 684 MILES ARE CLASSIFIED AS PUBLIC ROAD MILEAGE.

## NATIONWIDE PERSONAL TRANSPORTATION STUDY (NPTS)

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

### SPONSORSHIP

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

### CONTENT

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

### SAMPLE DESIGN AND SURVEY METHODOLOGY

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

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

### STATUS OF THE 1990 DATA

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

### REPORTS AND PRODUCTS

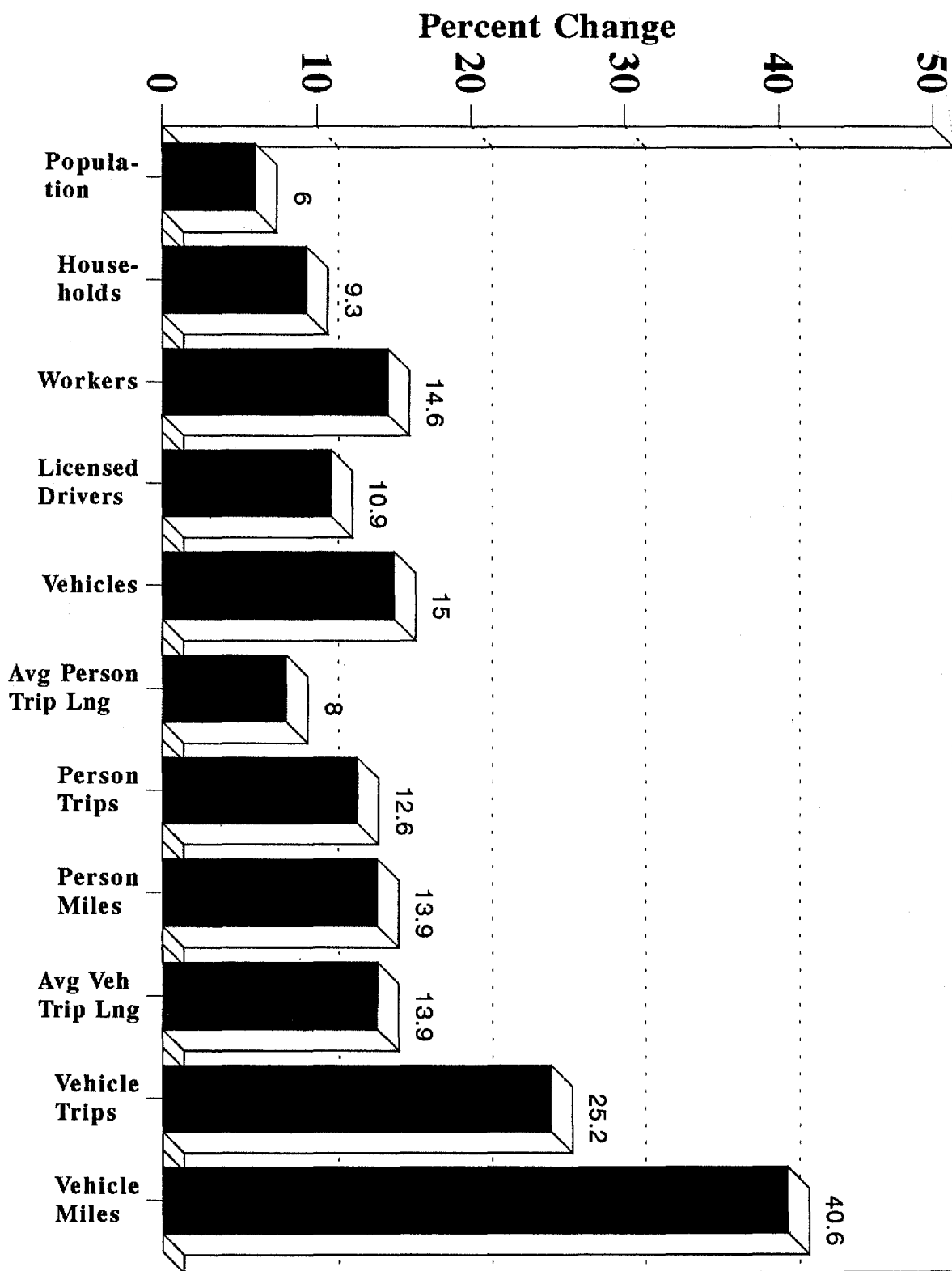
Products from the 1990 NPTS include a report entitled "Early Results," a public use tape and accompanying documentation, a summary report of survey results and a final report containing detailed survey results. The Early Results report is currently available from the Office of Highway Information Management.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

### TABLES

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

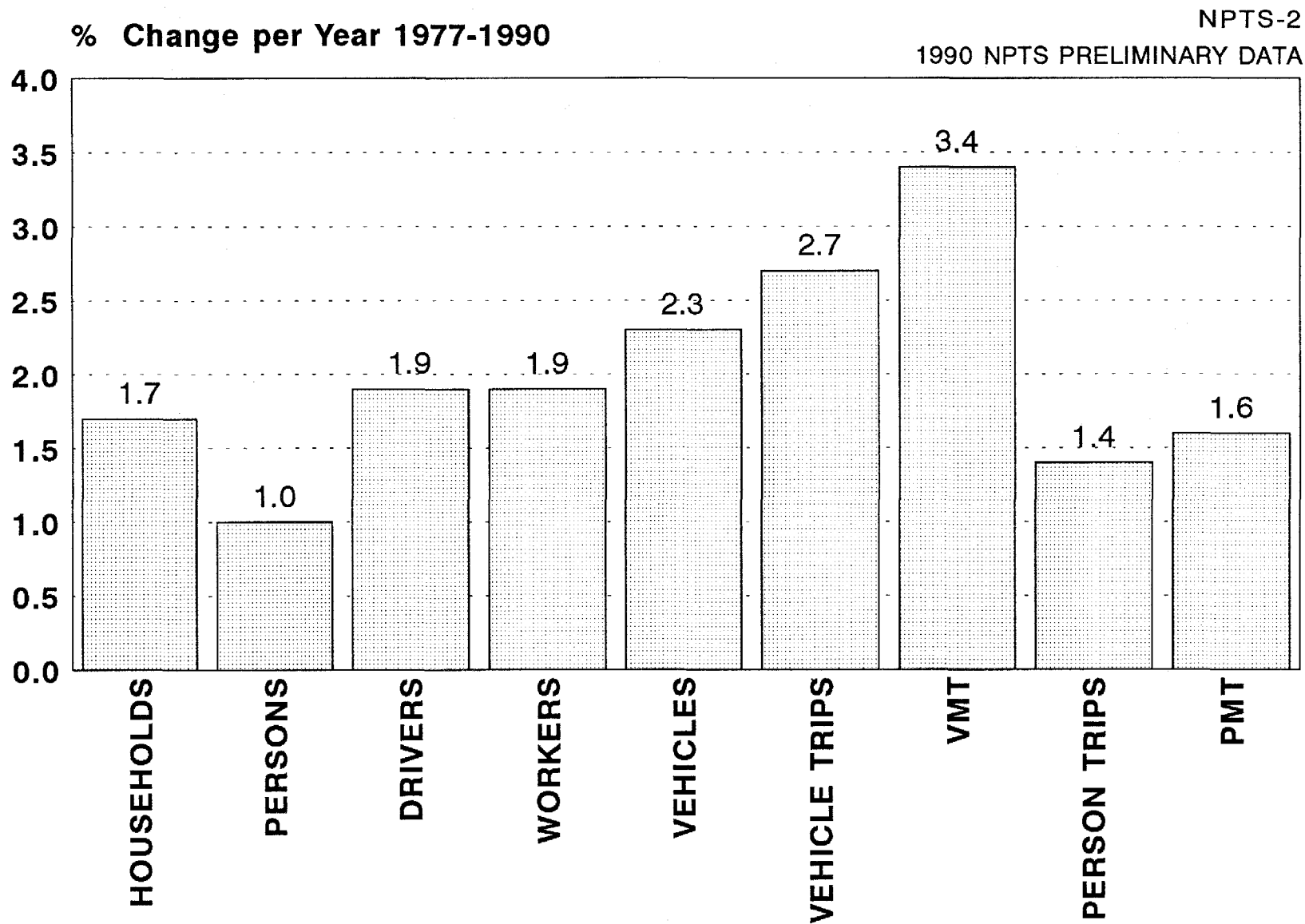
# KEY INDICATORS 1983-1990

NPTS-1  
1990 NPTS PRELIMINARY DATA



# KEY INDICATORS

## COMPOUNDED ANNUAL GROWTH RATES '77-'90



Data Source for Trips and Travel--Travel Day

## SUMMARY STATISTICS

NPTS-3  
1990 NPTS PRELIMINARY DATA

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

Note: All numbers in thousands except where noted.

<sup>a</sup>In millions. Data source for trips and travel—Travel Day.

<sup>b</sup>1969 survey includes only automobiles, station wagons, and vanbuses/minibuses as household vehicles, and the data shown above include only trips and travel made in these vehicle types.

<sup>c</sup>1969 survey does not include walk and bicycle trips and trips made by persons under 5 years old.

## HOUSEHOLD TRAVEL RATES AND DEMOGRAPHIC INDICATORS

NPTS-4

1990 NPTS PRELIMINARY DATA

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

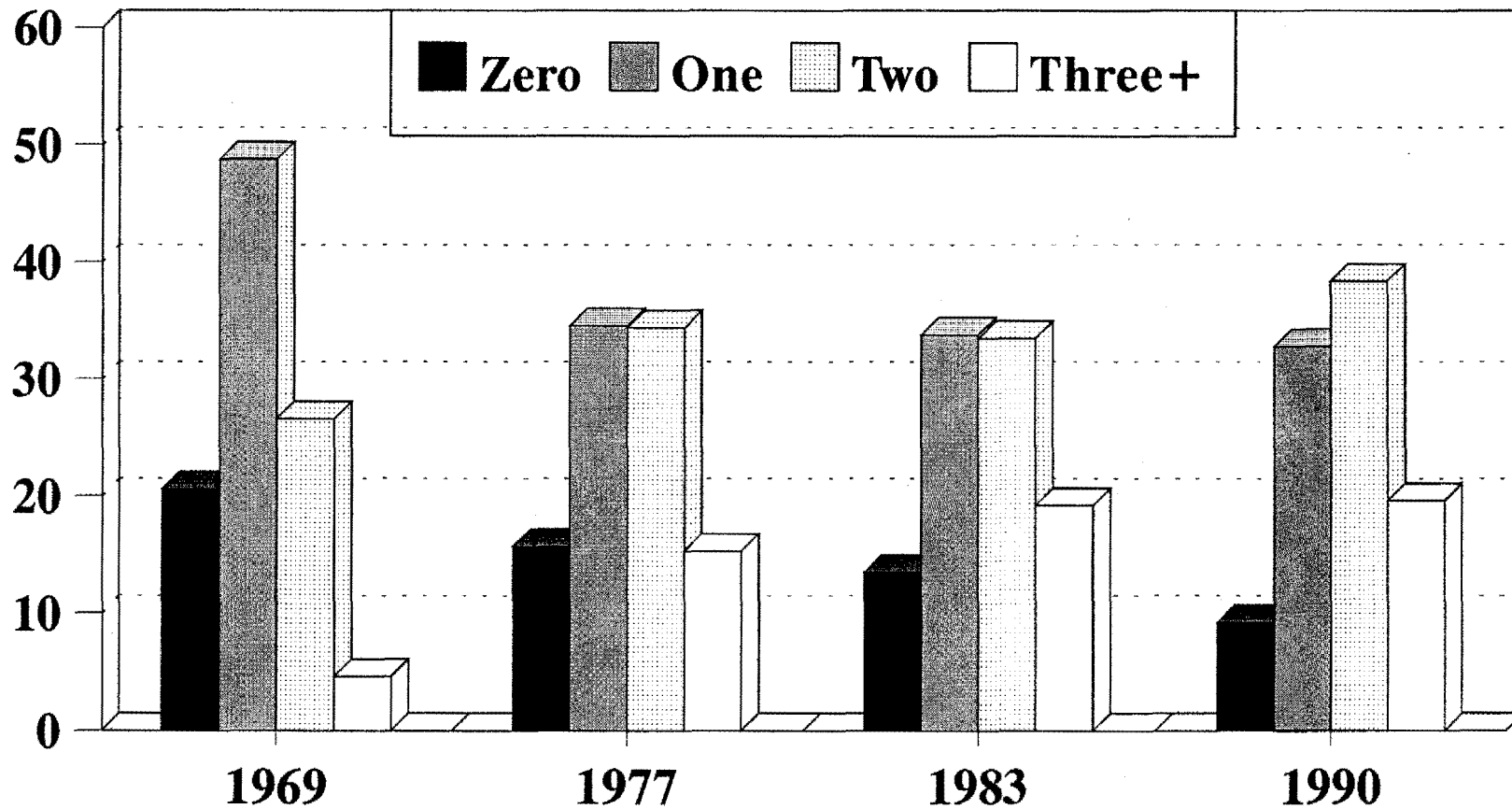
\* Travel rates are from travel day data only.

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



# PERCENT OF HOUSEHOLDS BY NUMBER OF VEHICLES OWNED OR AVAILABLE

NPTS-5  
1990 NPTS PRELIMINARY DATA



Zero	20.6	15.7	13.5	9.2
One	48.8	34.6	33.8	32.8
Two	26.6	34.4	33.5	38.4
Three+	4.6	15.3	19.2	19.6

## HOUSEHOLDS BY INCOME AND NUMBER OF VEHICLES

NPTS-6  
1990 NPTS PRELIMINARY DATA

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

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

1990 -- 93,347,000 households

## VEHICLE TRIPS BY PURPOSE

NPTS-7  
1990 NPTS PRELIMINARY DATA

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

Data Source--Travel Day

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

## VEHICLE MILES OF TRAVEL (VMT) BY PURPOSE

NPTS-8  
1990 NPTS PRELIMINARY DATA

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

Data Source— — Travel Day

1969 — 775,940 million vehicle miles

1977 — 907,603 million vehicle miles

1983 — 1,002,139 million vehicle miles

1990 — 1,409,202 million vehicle miles

**AVERAGE VEHICLE TRIP LENGTH IN MILES BY PURPOSE**

NPTS-9  
1990 NPTS PRELIMINARY DATA

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

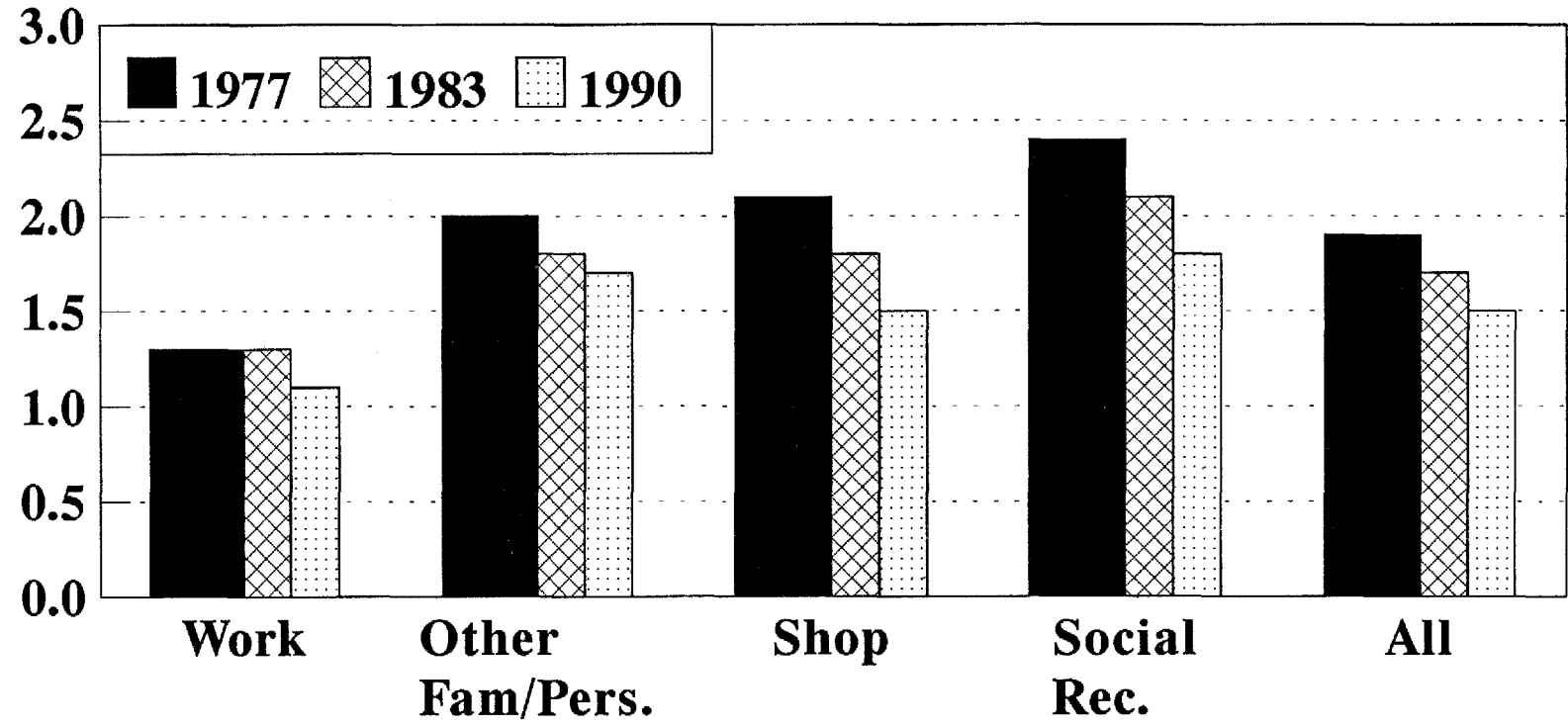
Data Source -- Travel Day

# CHANGES IN VEHICLE OCCUPANCY OVER TIME

NPTS-10

1990 NPTS PRELIMINARY DATA

Person Miles Per Vehicle Mile



Highway Statistics, 1990

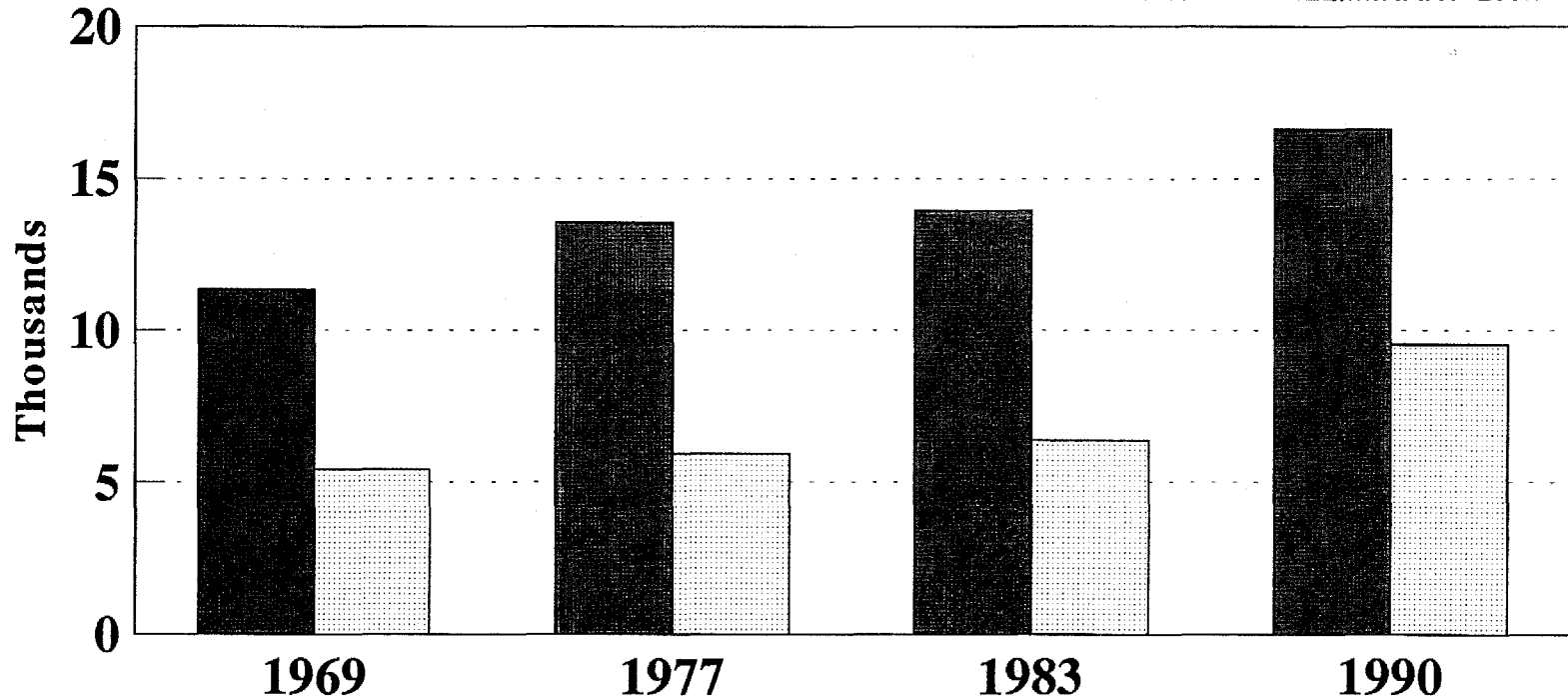
1977	1.3	2.0	2.1	2.4	1.9
1983	1.3	1.8	1.8	2.1	1.7
1990	1.1	1.7	1.5	1.8	1.5

Data Source--Travel Day

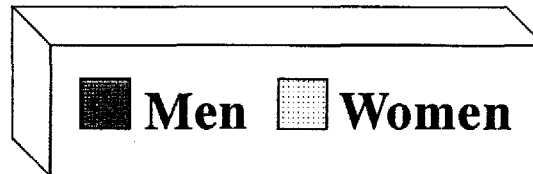
# AVERAGE ANNUAL MILES PER DRIVER

NPTS-11

1990 NPTS PRELIMINARY DATA



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



Data Source--Driver's Annual Estimate

## AVERAGE ANNUAL MILES BY DRIVER AGE

NPTS-12

1990 NPTS PRELIMINARY DATA

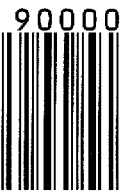
AGE	1969	1977	1983	1990	1990 NPTS PRELIMINARY DATA	
					1990 MALE	1990 FEMALE
16 - 19	4,633	5,662	4,985	8,485	9,543	7,387
20 - 24	8,260	10,260	10,339	14,250	16,784	11,807
25 - 29	9,814	11,337	11,810	14,961	18,517	11,191
30 - 34	10,274	11,726	12,126	15,230	19,592	10,785
35 - 39	9,878	12,244	12,662	15,446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

Data Source--Driver's Annual Estimate





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Motor Vehicle

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State Highway Finance

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National Summaries

Federal-Aid Mileage

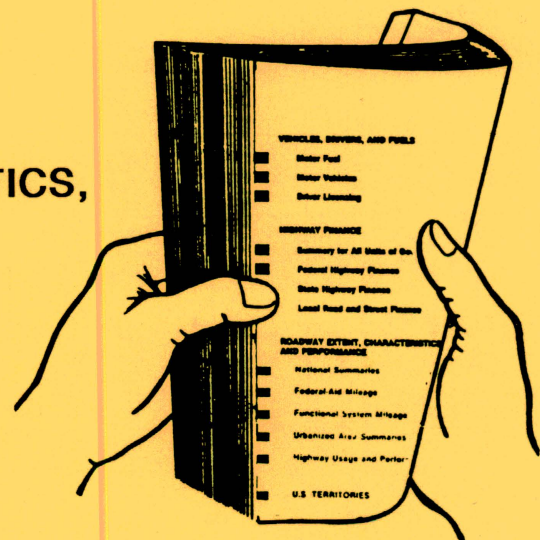
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### HOW TO USE THIS INDEX

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