

# 1993 Highway Statistics



U.S. Department  
of Transportation

Federal Highway  
Administration

## **COVER PHOTOGRAPHY**

**Cover photograph:**

**Queen Isabella Causeway**

**This causeway links Port Isabel, Texas, to South Padre Island, Texas**

**Photo by Richard Stockton**

# Highway Statistics 1993

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**Rodney E. Slater**  
**Federal Highway Administrator**



**Technical Report Documentation Page**

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<b>16. Abstract</b>  This is an annual report containing analyzed statistical data on motor fuel; motor vehicles; driver licensing; highway-user taxation; State highway finance; highway mileage; Federal aid for highways; highway finance data for municipalities, counties, townships, and other units of local government; and international data.. This report has been published since 1945.					
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# SI\* (MODERN METRIC) CONVERSION FACTORS

## APPROXIMATE CONVERSIONS FROM SI UNITS

## APPROXIMATE CONVERSIONS TO SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol	When You Know	Multiply By	To Find	Symbol
<b>LENGTH</b>								
in	inches	25.4	millimeters	mm	mm	0.039	inches	in
ft	feet	0.305	meters	m	m	3.28	feet	ft
yd	yards	0.914	meters	m	m	1.09	yards	yd
mi	miles	1.61	kilometers	km	km	0.621	miles	mi
<b>AREA</b>								
in <sup>2</sup>	square inches	645.2	square millimeters	mm <sup>2</sup>	square millimeters	0.0016	square inches	in <sup>2</sup>
ft <sup>2</sup>	square feet	0.093	square meters	m <sup>2</sup>	square meters	10.764	square feet	ft <sup>2</sup>
yd <sup>2</sup>	square yards	0.836	square meters	m <sup>2</sup>	square meters	1.195	square yards	yd <sup>2</sup>
ac	acres	0.405	hectares	ha	hectares	2.47	acres	ac
mi <sup>2</sup>	square miles	2.59	square kilometers	km <sup>2</sup>	square kilometers	0.386	square miles	mi <sup>2</sup>
<b>VOLUME</b>								
fl oz	fluid ounces	29.57	milliliters	mL	milliliters	0.034	fluid ounces	fl oz
gal	gallons	3.785	liters	L	liters	0.264	gallons	gal
ft <sup>3</sup>	cubic feet	0.028	cubic meters	m <sup>3</sup>	cubic meters	35.71	cubic feet	ft <sup>3</sup>
yd <sup>3</sup>	cubic yards	0.765	cubic meters	m <sup>3</sup>	cubic meters	1.307	cubic yards	yd <sup>3</sup>
NOTE: Volumes greater than 1000 l shall be shown in m <sup>3</sup> .								
<b>MASS</b>								
oz	ounces	28.35	grams	g	grams	0.035	ounces	oz
lb	pounds	0.454	kilograms	kg	kilograms	2.202	pounds	lb
T	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or "t")	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
<b>TEMPERATURE (exact)</b>								
°F	Fahrenheit temperature	5(F-32)/9 or (F-32)/1.8	Celcius temperature	°C	Celcius temperature	1.8C + 32	Fahrenheit temperature	°F
<b>ILLUMINATION</b>								
fc	foot-candles	10.76	lux	lx	lux	0.0929	foot-candles	fc
fl	foot-Lamberts	3.426	candela/m <sup>2</sup>	cd/m <sup>2</sup>	candela/m <sup>2</sup>	0.2919	foot-Lamberts	fl
<b>FORCE and PRESSURE or STRESS</b>								
lbf	poundforce	4.45	newtons	N	newtons	0.225	poundforce	lbf
lbf/in <sup>2</sup>	poundforce per square inch	6.89	kilopascals	kPa	kilopascals	0.145	poundforce per square inch	lbf/in <sup>2</sup>

(Revised September 1993)

\* SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380.

## Preface

This publication was prepared by the Office of Highway Information Management, Federal Highway Administration. The 49th of an annual series, it presents the 1993 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 1992 highway finance data for municipalities, counties, townships, and other units of local government. Starting with the 1992 edition, a section on International data has also been included. 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. All but the most recent year edition are now out of print. Limited quantities of this edition are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402:

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The annual Highway Statistics for years 1969 through the current year, 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 \$5.00 per order.

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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 selected international data.

Statistics in this publication have been analyzed and reported 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 (FHWA) 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 regulating 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 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 Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) required reclassification of roads and streets. The final system must be approved by Congress by September 30, 1995. The affected tables in this report will reflect when possible the data on the National Highway System.

The FHWA also administers the Federal Lands Highways Program. This program is funded from the Federal Highway Trust Fund and consists of three separate programs: 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 the programs of other Federal agencies such as Urban Development Block Grants for various purposes including highways. The different Federal assistance programs for highways are summarized in table F-106, which is in the FHWA publication, *Highway Taxes and Fees, How They Are Collected and Distributed*.

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 classified as State highway agencies. Other executive

branches of State governments 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 is treated as a State.

## LOCAL GOVERNMENTS

Local governments include: counties, townships, and municipalities. Included with local governments are subordinate agencies, road districts, commissions, and authorities, both toll and nontoll.

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 (with some exceptions), and West Virginia. In Alabama and Maryland, the State has assumed responsibility for roads in certain counties. Counties are called parishes in Louisiana, boroughs in Alaska, municipios in Puerto Rico, and townships are known as towns in New England, New York, and Wisconsin.

A municipality is a political subdivision where a municipal corporation has been established to provide general local government for a specific population concentration in a specified area. Some counties have boundaries coextensive with cities. Generally, these counties retain their identities only for certain administrative purposes. Because some counties are entirely urban in nature or have merged with municipalities, they are classified as municipalities. A county may also 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.

## URBAN AREAS

The term "urban" is used in the summary tables to denote the Federal-aid legislation definition of an area. Such areas include, at a minimum, a census place with an urban

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 Federal-aid 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 incorporated (with some exceptions) and census boundaries, and thus are not necessarily coextensive with municipal boundaries.

## INDIVIDUAL UNIT STATISTICS

In general, the statistical series present summary data primarily 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 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 mileage, 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.

## CONVERSION TO METRIC

In accordance with Public Law 100-418 requiring Federal agencies to use the metric system, we will be publishing *1994 Highway Statistics* in metric. The English version will also be available. The table in the front of this book (back of the Technical Report Documentation page) may be useful in preparing your spreadsheets for this conversion.



## MOTOR FUEL

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

The term "motor fuel" applies to gasoline and all other fuels, including special 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 section except table MF-33E.

### 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 is dedicated for expenditure for specific nonhighway purposes and placed in a separate fund, it has been shown in column 6 of table MF-1. Table MF-3 shows the disposition of the highway-user revenues shown in column 7 of table MF-1.

As of December 31, 1993, State gasoline tax rates ranged from 7.5 to 29 cents per gallon with 46 States charging 15 cents or more per gallon. Tax rates in effect for 1993 for gasoline and other motor fuels are given in table MF-121T.

Diesel fuel is the most widely used of the special fuels. At the end of 1993, twelve States reported higher tax rates on diesel fuel than on gasoline and nine States reported lower rates.

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 often 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, but special fuels used for nonhighway purposes are exempt from taxation.

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-110 give the State licenses and fees imposed on wholesalers, dealers, and users of motor fuel and the liquid-fuels inspection fees.

### MOTOR-FUEL USE

Analyses of 1993 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 fuel volume taxed, exempted, and subject to refund 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, 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 few 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-33E shows Federal Highway Administration estimates of the amount of gasohol (gasoline-ethanol blends) used in each State. The national totals were developed from Internal Revenue Service reports of tax collections. The stratification by State is estimated by the FHWA using data reported by the States and other factors. This table replaces table MF-33GLA which contained State-reported volumes of 10-percent gasohol.

MOTOR-FUEL VOLUME TAXED - 1993<sup>1</sup>

TABLE MF-2 OCTOBER 1994

(THOUSANDS OF GALLONS)

COMPILED FROM REPORTS OF STATE AUTHORITIES AND OTHER SOURCES

Table with columns: STATE, GROSS VOLUME REPORTED 2, VOLUME EXEMPT FROM PAYMENT OF TAX 3, GROSS VOLUME ASSESSED FOR TAXATION, VOLUME SUBJECT TO REFUND OF ENTIRE TAX, NET TOTAL VOLUME, GASOLINE (VOLUME, PERCENT CHANGE), SPECIAL FUELS (VOLUME, PERCENT CHANGE), ALL MOTOR FUELS (VOLUME 1993, VOLUME 1992, PERCENT CHANGE), AT OTHER RATES 5, and (13).

rather than refunds were made, and allowances for evaporation and other losses. For tax rates as of January 1, 1993 and rate changes during the year, see table MF-121T. States with variable rates are also identified in table MF-121T. In some States, fuel used for specific purposes is taxed or refunded at rates other than the prevailing rates shown in table MF-121T. In the case of aviation fuel, only aviation gasoline is included. Vehicles consuming special fuels and paying mileage tax to the Public Utility Commissioner are not required to pay the motor-fuel tax. Fuel volume reported here includes only the volume on which the motor-fuel tax has been paid. For total highway use of special fuels, see table MF-25.

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. All data are subject to further review and revision. 2 Export sales and other amounts not consumed as motor fuel in the State have been excluded wherever possible. 3 Includes Federal use, other public use, certain transit use, nonhighway use where initial exemptions



TOTAL GASOLINE USE - 1993<sup>1</sup>COMPILED FROM AN  
ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-21A  
OCTOBER 1994

STATE	HIGHWAY				NONHIGHWAY			TOTAL
	PRIVATE AND COMMERCIAL	PUBLIC		TOTAL	PRIVATE AND COMMERCIAL	STATE, COUNTY, AND MUNICIPAL	TOTAL	
		FEDERAL	STATE, COUNTY, AND MUNICIPAL					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Alabama	2,132,243	2,736	30,709	2,165,688	50,305	1,753	52,058	2,217,746
Alaska	234,159	1,576	6,392	242,127	30,470	333	30,803	272,930
Arizona	1,766,883	5,101	27,539	1,799,523	37,495	1,436	38,931	1,838,454
Arkansas	1,243,898	1,538	23,227	1,268,663	34,127	1,211	35,338	1,304,001
California	12,757,924	23,888	180,970	12,962,782	214,906	9,435	224,341	13,187,123
Colorado	1,554,264	4,295	28,664	1,587,223	31,756	1,494	33,250	1,620,473
Connecticut	1,299,481	2,406	19,993	1,321,880	88,539	989	89,528	1,411,408
Delaware	335,775	4,435	4,533	344,743	11,343	244	11,587	356,330
Dist. of Col.	168,704	2,969	3,319	174,992	3,193	173	3,366	178,358
Florida	6,164,733	7,785	82,638	6,255,156	165,769	4,091	169,860	6,425,016
Georgia	3,857,022	4,124	49,390	3,910,536	57,310	2,575	59,885	3,970,421
Hawaii	362,845	945	8,877	372,667	21,653	463	22,116	394,783
Idaho	509,221	2,416	11,102	522,739	23,437	579	24,016	546,755
Illinois	4,481,794	5,879	84,655	4,572,328	101,561	4,413	105,974	4,678,302
Indiana	2,690,280	2,436	45,378	2,738,094	59,878	2,366	62,244	2,800,338
Iowa	1,293,222	1,620	28,660	1,323,502	71,144	1,494	72,638	1,396,140
Kansas	1,140,972	1,619	26,114	1,168,705	49,821	1,361	51,182	1,219,887
Kentucky	1,854,948	2,625	32,451	1,890,024	59,092	1,692	60,784	1,950,808
Louisiana	1,868,549	2,662	33,299	1,904,510	66,098	1,736	67,834	1,972,344
Maine	589,324	683	9,447	599,454	14,698	493	15,191	614,645
Maryland	2,052,301	4,043	25,443	2,081,787	34,284	1,326	35,610	2,117,397
Massachusetts	2,321,848	3,991	33,486	2,359,325	30,869	1,746	32,615	2,391,940
Michigan	4,346,784	4,706	62,512	4,414,002	100,401	3,259	103,660	4,517,662
Minnesota	2,059,472	2,834	40,040	2,102,346	88,681	2,087	90,768	2,193,114
Mississippi	1,300,640	2,063	24,249	1,326,952	34,689	1,264	35,953	1,362,905
Missouri	2,680,401	3,272	43,197	2,726,870	91,008	2,252	93,260	2,820,130
Montana	429,711	2,359	9,483	441,553	29,313	494	29,807	471,360
Nebraska	715,355	1,567	17,179	734,101	36,179	896	37,075	771,176
Nevada	667,662	3,181	9,931	680,774	15,225	518	15,743	696,517
New Hampshire	511,446	695	8,591	520,732	12,946	448	13,394	534,126
New Jersey	2,893,047	5,042	46,965	2,945,054	59,353	2,449	61,802	3,006,856
New Mexico	822,960	3,615	14,536	841,111	29,892	758	30,650	871,761
New York	5,399,007	11,465	99,208	5,509,680	98,109	5,172	103,281	5,612,961
North Carolina	3,326,315	2,962	74,703	3,403,980	67,459	2,533	69,992	3,473,972
North Dakota	320,720	1,089	8,203	330,012	33,650	428	34,078	364,090
Ohio	4,711,422	4,978	77,700	4,794,100	99,217	4,051	103,268	4,897,368
Oklahoma	1,647,764	2,721	30,265	1,680,750	60,830	1,578	62,408	1,743,158
Oregon	1,368,948	4,187	22,864	1,395,999	35,861	1,192	37,053	1,433,052
Pennsylvania	4,542,325	7,324	70,933	4,620,582	66,709	3,698	70,407	4,690,989
Rhode Island	364,767	542	7,801	373,110	5,231	407	5,638	378,748
South Carolina	1,856,440	2,638	25,337	1,884,415	42,084	1,321	43,405	1,927,820
South Dakota	371,085	1,419	9,053	381,557	27,776	472	28,248	409,805
Tennessee	2,495,792	5,282	47,604	2,548,678	74,365	2,075	76,440	2,625,118
Texas	8,496,555	12,056	129,990	8,638,601	221,702	6,777	228,479	8,867,080
Utah	766,526	2,177	16,535	785,238	21,348	862	22,210	807,448
Vermont	291,154	339	5,303	296,796	5,752	276	6,028	302,824
Virginia	3,044,020	4,840	43,974	3,092,834	54,167	2,419	56,586	3,149,420
Washington	2,360,349	6,335	32,489	2,399,173	52,322	1,694	54,016	2,453,189
West Virginia	808,049	1,217	15,974	825,240	11,556	833	12,389	837,629
Wisconsin	2,096,099	2,359	41,209	2,139,667	62,923	2,148	65,071	2,204,738
Wyoming	296,697	1,309	6,034	304,040	19,087	315	19,402	323,442
Total	111,671,902	194,345	1,838,148	113,704,395	2,815,583	94,079	2,909,662	116,614,057

<sup>1</sup> This table is one of a series (MF-21 through MF-26) giving an analysis of motor-fuel consumption. Gasohol 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. These estimates may not be comparable to data for prior years due to revised estimation procedures. Table MF-21A excludes losses as shown in column 13 of table MF-21. All data are subject to further review and revision.

PRIVATE AND COMMERCIAL NONHIGHWAY USE OF GASOLINE - 1993<sup>1</sup>COMPILED FROM AN  
ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-24  
OCTOBER 1994

STATE	AGRICULTURE	AVIATION <sup>2</sup>	INDUSTRIAL AND COMMERCIAL	CONSTRUCTION	MARINE	MISCELLANEOUS <sup>3</sup>	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Alabama	16,589	4,630	5,340	2,885	20,861	-	50,305
Alaska	664	18,364	545	501	10,396	-	30,470
Arizona	5,238	5,731	5,585	3,577	10,654	6,710	37,495
Arkansas	11,157	6,020	4,185	1,399	11,366	-	34,127
California	58,008	36,675	21,747	33,740	63,031	1,705	214,906
Colorado	12,310	5,533	4,487	4,669	4,757	-	31,756
Connecticut	1,083	1,341	3,561	3,713	12,167	66,674	88,539
Delaware	1,204	2,284	616	919	6,177	143	11,343
Dist. of Col.	-	77	227	1,317	363	1,209	3,193
Florida	15,869	23,585	10,942	14,475	100,898	-	165,769
Georgia	17,017	7,478	6,709	6,590	19,349	167	57,310
Hawaii	6,055	8,886	1,552	2,664	2,496	-	21,653
Idaho	10,858	2,786	2,885	677	5,200	1,031	23,437
Illinois	37,219	10,359	18,729	11,782	22,277	1,195	101,561
Indiana	18,416	9,011	7,771	5,309	9,424	9,947	59,878
Iowa	27,418	3,125	4,349	2,285	8,309	25,658	71,144
Kansas	30,321	6,756	5,564	2,115	4,072	993	49,821
Kentucky	29,946	1,790	10,463	4,005	12,888	-	59,092
Louisiana	15,782	9,814	8,918	3,243	28,341	-	66,098
Maine	3,149	1,663	2,414	652	6,820	-	14,698
Maryland	4,392	4,551	2,489	5,461	17,391	-	34,284
Massachusetts	2,635	3,821	4,810	-	19,084	519	30,869
Michigan	19,288	8,849	16,586	8,170	47,508	-	100,401
Minnesota	41,974	5,913	5,566	4,505	30,723	-	88,681
Mississippi	8,647	3,791	5,287	2,388	13,739	837	34,689
Missouri	40,136	4,178	18,422	4,014	21,729	2,529	91,008
Montana	20,396	2,846	3,255	495	2,321	-	29,313
Nebraska	26,020	3,205	2,588	1,047	3,319	-	36,179
Nevada	1,714	5,080	1,772	2,479	4,180	-	15,225
New Hampshire	1,549	1,927	1,534	780	7,156	-	12,946
New Jersey	7,887	5,412	7,889	7,296	30,049	820	59,353
New Mexico	7,252	3,139	15,394	1,259	2,848	-	29,892
New York	15,939	2,672	11,526	14,459	50,269	3,244	98,109
North Carolina	22,468	5,291	5,917	7,600	26,183	-	67,459
North Dakota	26,093	2,793	2,124	495	2,145	-	33,650
Ohio	22,387	9,263	10,212	15,240	29,414	12,701	99,217
Oklahoma	33,274	4,672	8,331	2,102	12,451	-	60,830
Oregon	11,549	4,909	5,610	2,090	11,549	154	35,861
Pennsylvania	17,617	6,717	11,082	12,160	19,133	-	66,709
Rhode Island	404	369	1,030	658	2,770	-	5,231
South Carolina	8,851	7,565	3,909	3,720	18,039	-	42,084
South Dakota	20,558	2,357	2,062	358	2,441	-	27,776
Tennessee	16,394	17,684	10,538	3,923	19,255	6,571	74,365
Texas	80,057	30,959	49,138	17,245	44,303	-	221,702
Utah	6,983	5,088	2,053	1,484	5,740	-	21,348
Vermont	2,304	545	517	404	1,982	-	5,752
Virginia	14,566	4,709	6,221	6,250	19,669	2,752	54,167
Washington	7,727	8,846	7,468	7,202	20,729	350	52,322
West Virginia	3,120	1,143	2,916	816	3,561	-	11,556
Wisconsin	24,081	5,345	6,694	4,363	22,440	-	62,923
Wyoming	10,755	900	5,392	319	1,721	-	19,087
Total	845,320	340,447	364,921	245,299	873,687	145,909	2,815,583
Percentage	30.02	12.09	12.96	8.71	31.03	5.18	100.00

<sup>1</sup> This table is one of a series (MF-21 through MF-26) giving an analysis of motor-fuel consumption. 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. These estimates may not be comparable to data for prior years due to revised estimation procedures. All data are subject to further review and revision.

<sup>2</sup> Excludes aviation jet fuel.

<sup>3</sup> An amount is shown in this column only when reported by the State and when it could be determined that the State-reported figure did not include fuel represented in other categories.



HIGHWAY USE OF GASOLINE BY MONTHS - 1993<sup>1</sup>

COMPILED FROM AN ANALYSIS OF MOTOR-FUEL USE (THOUSANDS OF GALLONS)

Table with columns: STATE, JANUARY, FEBRUARY, MARCH, APRIL, MAY, JUNE, JULY, AUGUST, SEPTEMBER, OCTOBER, NOVEMBER, DECEMBER, TOTAL<sup>2</sup>, CHANGE FROM 1992 (GALLONS, PERCENT), TABLE MF-26 OCTOBER, 1994

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... 2 For some States, data are not comparable to prior years due to changes in data analysis and/or improvements in reporting procedures.





ESTIMATED USE OF GASOHOL - 1993<sup>1</sup>TABLE MF-33E  
OCTOBER 1994

STATE	TOTAL ETHANOL USED IN GASOHOL <sup>2</sup>	(THOUSANDS OF GALLONS)		
		10-PERCENT GASOHOL <sup>3</sup>	GASOHOL LESS THAN 10-PERCENT GASOHOL <sup>4</sup>	TOTAL
	(1)	(2)	(3)	(4)
Alabama	14,077	140,774	-	140,774
Alaska	-	-	-	-
Arizona	2,844	16,333	15,729	32,062
Arkansas	1,615	16,152	-	16,152
California	20,526	-	360,112	360,112
Colorado	21,878	107,947	143,942	251,889
Connecticut	5,836	58,359	-	58,359
Delaware	-	-	-	-
Dist. of Col.	-	-	-	-
Florida	4,667	46,671	-	46,671
Georgia	4,039	40,391	-	40,391
Hawaii	-	-	-	-
Idaho	654	6,536	-	6,536
Illinois	147,257	1,472,573	-	1,472,573
Indiana	63,867	638,673	-	638,673
Iowa	57,552	575,515	-	575,515
Kansas	5,194	51,939	-	51,939
Kentucky	21,823	218,231	-	218,231
Louisiana	7,873	78,727	-	78,727
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	1	8	-	8
Michigan	57,475	574,747	-	574,747
Minnesota	115,162	677,961	615,146	1,293,107
Mississippi	4,980	49,797	-	49,797
Missouri	27,422	274,217	-	274,217
Montana	542	5,201	290	5,491
Nebraska	28,821	288,206	-	288,206
Nevada	8,140	36,290	58,590	94,880
New Hampshire	-	-	-	-
New Jersey	961	2,473	9,270	11,743
New Mexico	2,111	16,772	5,634	22,406
New York	2,960	15,502	18,304	33,806
North Carolina	2,793	22,943	6,479	29,422
North Dakota	5,233	52,331	-	52,331
Ohio	167,580	1,675,801	-	1,675,801
Oklahoma	-	-	-	-
Oregon	31,230	222,482	116,646	339,128
Pennsylvania	7,761	61,384	21,076	82,460
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
South Dakota	16,819	168,193	-	168,193
Tennessee	21,188	211,883	-	211,883
Texas	5,349	52,342	1,487	53,829
Utah	693	6,251	886	7,137
Vermont	-	-	-	-
Virginia	1,839	15,430	3,843	19,273
Washington	69,457	327,696	476,454	804,150
West Virginia	2,311	23,114	-	23,114
Wisconsin	12,712	127,117	-	127,117
Wyoming	5,572	55,717	-	55,717
Total	978,814	8,432,679	1,853,888	10,286,567

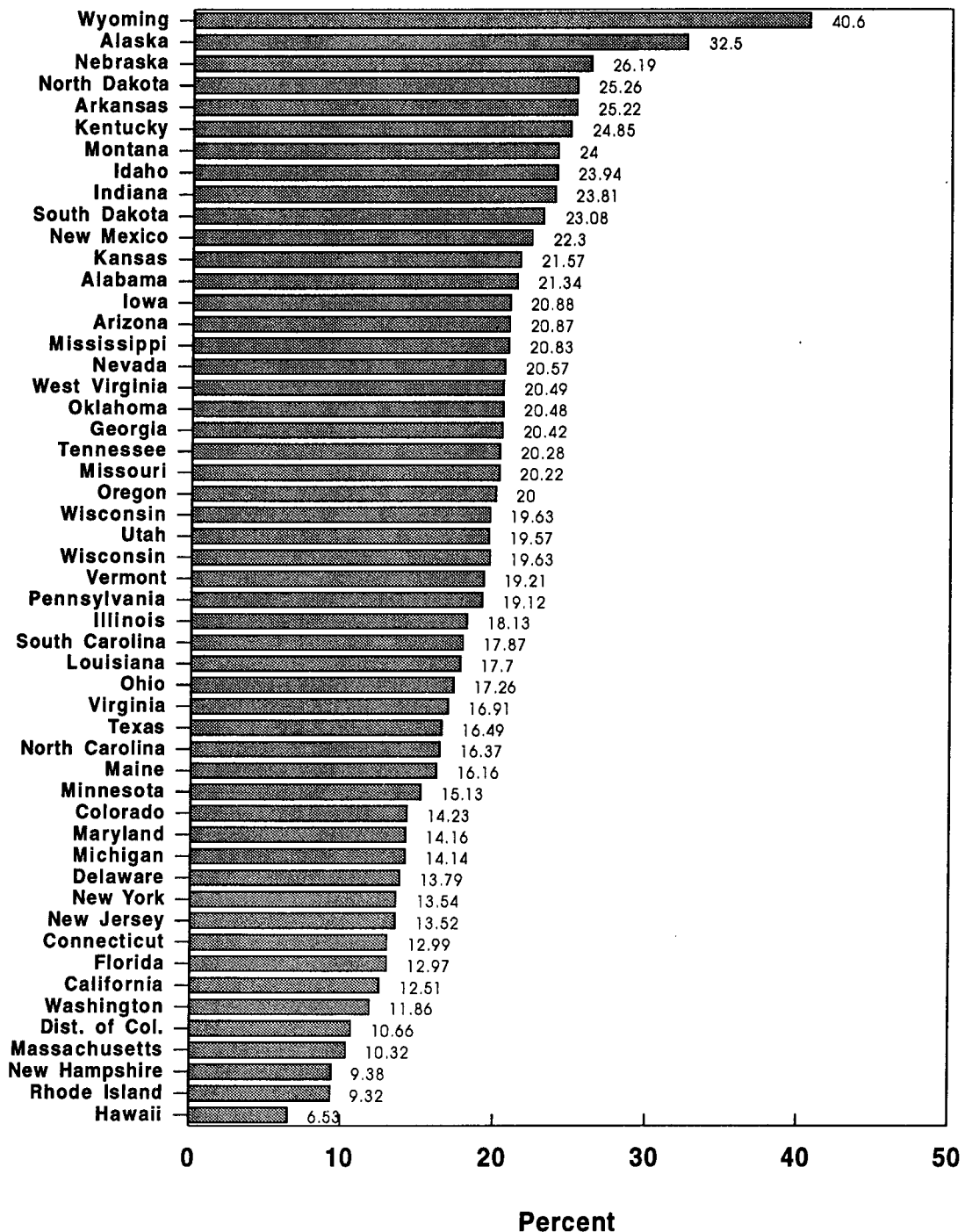
<sup>1</sup> This table shows Federal Highway Administration estimates of gasohol use. The gasohol volumes shown include both the ethanol and the gasoline components. The Energy Policy Act of 1992 expanded the definition of gasohol effective January 1, 1993. Prior to the Act, gasohol was defined as a blend of gasoline and at least 10 percent, by volume, fuel alcohol. Under the Act, three types of gasohol were defined: (1) 10-percent gasohol, which corresponds to the definition before the Act; (2) 7.7-percent gasohol, which contains at least 7.7 percent alcohol but less than 10 percent; and (3) 5.7-percent gasohol, which contains at least 5.7 percent alcohol but less than 7.7 percent.

<sup>2</sup> The amount of ethanol used in gasohol is estimated from gasohol tax collections, refunds, and credits reported by the Internal Revenue Service, U.S. Department of the Treasury.

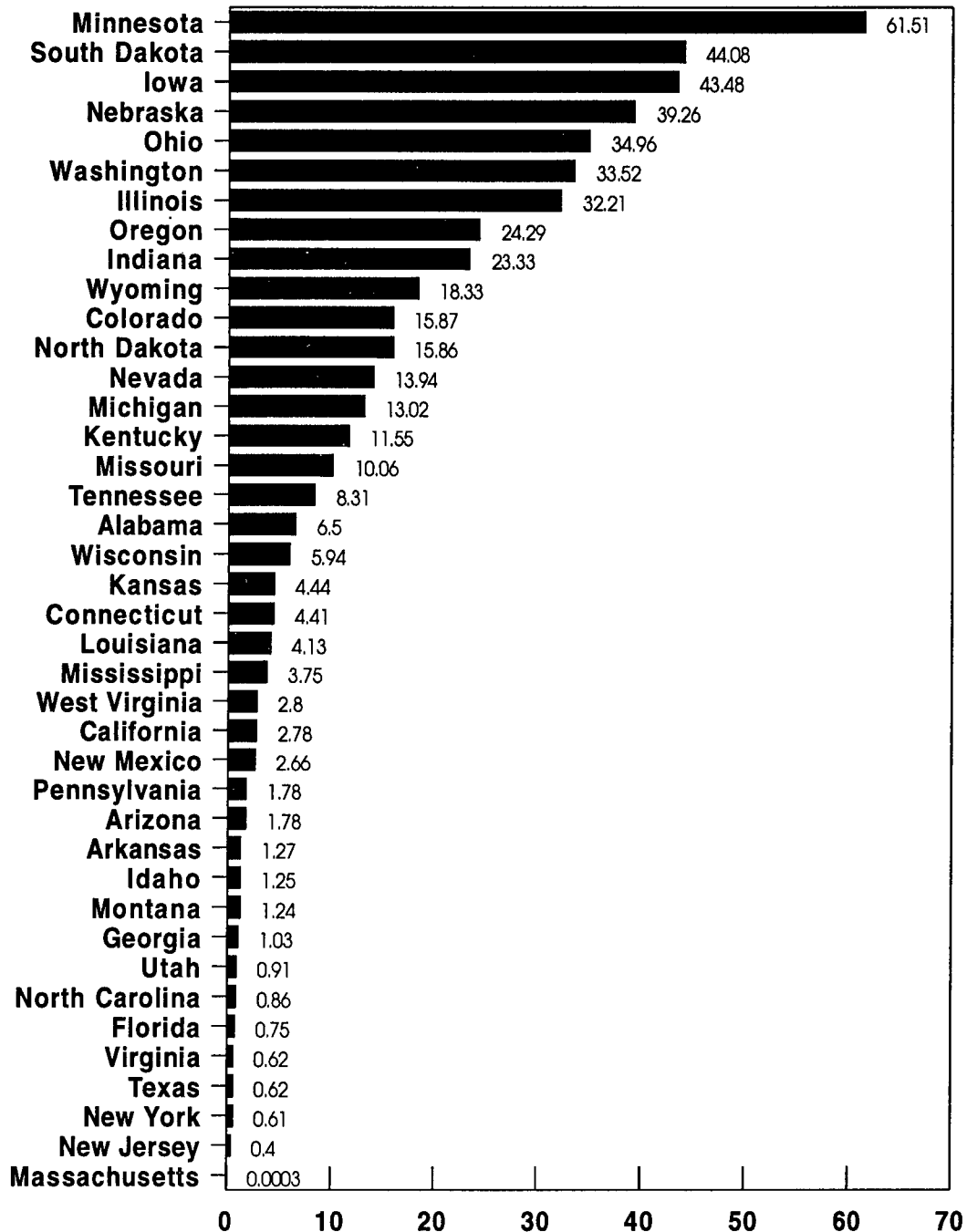
<sup>3</sup> For most States, the figures in column (2) are State data.

<sup>4</sup> 7.7-percent gasohol is generally used to meet the requirements for oxygenated fuel to reduce winter carbon monoxide emissions.

# SPECIAL FUEL AS A PERCENT OF TOTAL HIGHWAY USE OF MOTOR FUEL - 1993



## GASOHOL AS A PERCENT OF HIGHWAY USE OF GASOLINE - 1993





## 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 21 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. Regardless of how they were registered, 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

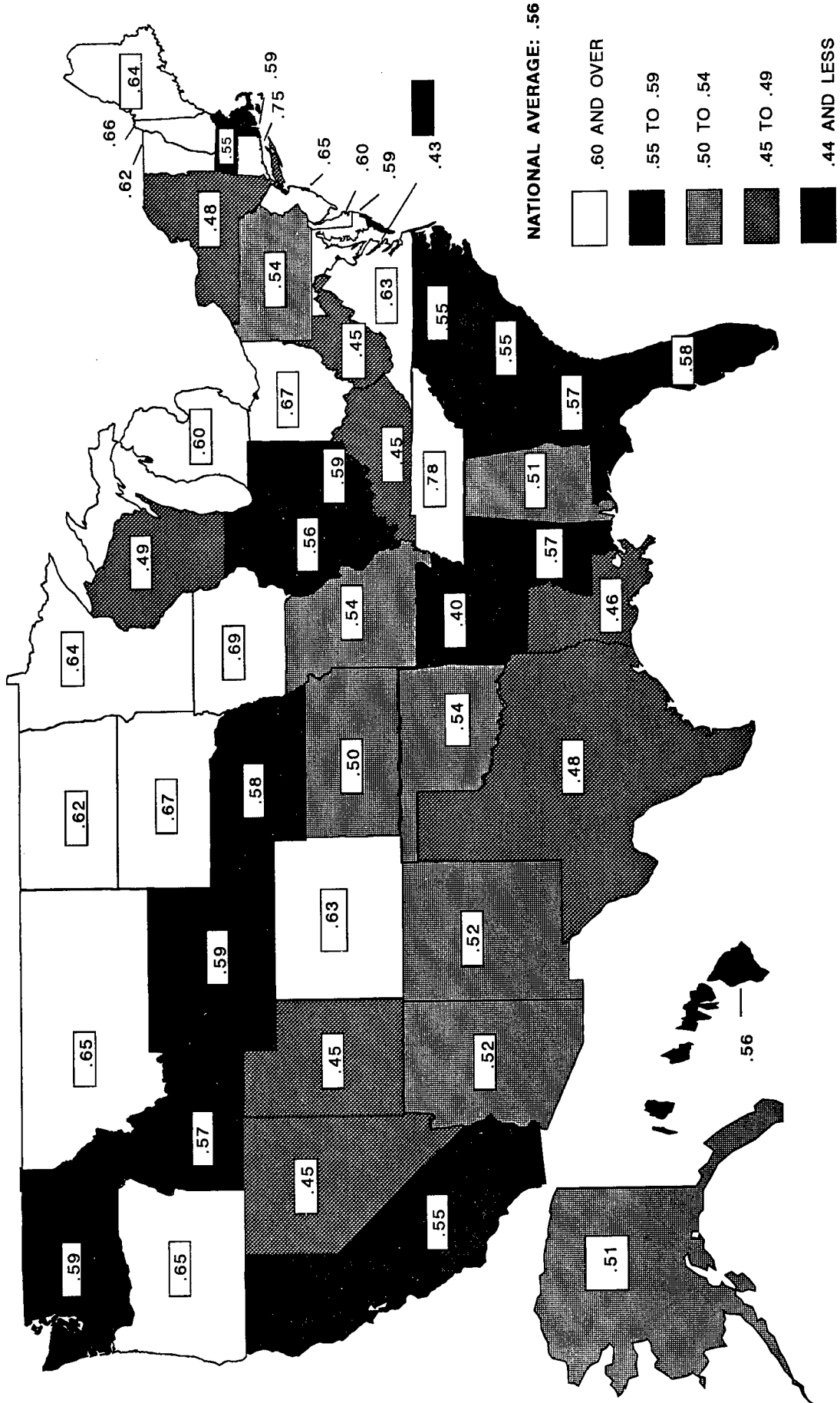
data has improved in recent years, it is not yet possible to obtain from all States separate data on single-unit trucks and combinations. Some States provide data for light trucks and truck tractors, but for many States, the FHWA estimates this information using other data sources, such as the Truck 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 related 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 - 1993









TRUCK AND TRUCK-TRACTOR REGISTRATIONS - 1993<sup>1</sup>COMPILED FOR THE CALENDAR YEAR FROM REPORTS  
OF STATE AUTHORITIES AND OTHER SOURCESTABLE MV-9  
SEPTEMBER 1994

STATE	PRIVATE AND COMMERCIAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL	TOTAL TRUCKS REGIS- TERED 1993	COMPARISON OF TOTAL TRUCK REGISTRATIONS, 1992-1993			PARTIAL CLASSIFICATION OF PRIVATE AND COMMERCIAL TRUCKS REGISTERED IN 1993 <sup>2</sup>		
					TOTAL 1992 TRUCK REGIS- TRATIONS	INCREASE OR DECREASE 1993	PERCENT- AGE CHANGE	TRUCK TRACTORS <sup>3</sup>	LIGHT TRUCKS <sup>3</sup>	FARM TRUCKS <sup>4</sup>
Alabama	1,221,164	4,176	20,397	1,245,737	1,099,525	146,212	13.3	43,039	1,106,926	18,611
Alaska	170,020	2,709	4,357	177,086	176,455	631	0.4	2,978	160,777	433
Arizona	802,585	7,843	8,323	818,751	802,697	16,054	2.0	10,967	773,116	-
Arkansas	524,608	2,337	8,113	535,058	521,872	13,186	2.5	8,191	506,171	16,058
California	5,251,751	37,969	191,744	5,481,464	4,942,288	539,176	10.9	108,358	4,210,181	-
Colorado	749,617	7,460	15,748	772,825	744,953	27,872	3.7	6,154	671,796	86,991
Connecticut	106,663	3,717	19,968	130,348	131,698	(1,350)	-1.0	2,837	98,750	4 -
Delaware	120,976	657	2,146	123,779	124,047	(268)	-0.2	4,602	111,320	3,570
Dist. of Col.	5,406	3,202	2,448	11,056	16,018	(4,962)	-31.0	52	5,041	-
Florida	1,931,048	12,720	114,535	2,058,303	2,062,809	(4,506)	-0.2	54,723	1,576,678	-
Georgia	1,606,039	6,196	45,553	1,657,788	1,763,020	(105,232)	-6.0	58,128	1,482,072	5 -
Hawaii	93,261	1,465	5,159	99,885	101,536	(1,651)	-1.6	1,477	88,273	-
Idaho	363,621	4,177	15,759	383,557	420,162	(36,605)	-8.7	8,432	314,615	-
Illinois	1,386,546	9,045	8,717	1,404,308	1,343,141	61,167	4.6	62,429	1,165,993	21,580
Indiana	1,198,353	3,768	31,382	1,233,503	1,192,763	40,740	3.4	45,006	1,021,087	43,805
Iowa	755,997	2,792	22,493	781,282	765,779	15,503	2.0	32,972	609,072	24,150
Kansas	637,525	2,690	14,250	654,465	658,878	(4,413)	-0.7	19,443	523,536	78,479
Kentucky <sup>6</sup>	898,054	3,709	2,411	904,174	1,034,290	(130,116)	-12.6	19,984	810,519	98,470
Louisiana	1,117,688	4,101	14,660	1,136,449	1,068,120	68,329	6.4	22,799	1,060,600	76,003
Maine	221,957	1,026	9,375	232,358	220,966	11,392	5.2	5,143	197,903	5,804
Maryland	571,480	5,824	14,667	591,971	602,702	(10,731)	-1.8	16,064	516,872	15,791
Massachusetts	469,073	5,810	25,004	499,887	496,561	3,326	0.7	16,816	424,436	8,594
Michigan	1,574,151	7,414	62,756	1,644,321	1,607,385	36,936	2.3	50,142	1,389,568	55,794
Minnesota	772,812	4,640	18,276	795,728	732,579	63,149	8.6	28,187	566,112	49,317
Mississippi	447,520	2,951	13,638	464,109	448,963	15,146	3.4	7,725	423,785	5 -
Missouri	1,180,212	4,008	11,508	1,195,728	1,171,322	24,406	2.1	39,335	1,038,907	94,521
Montana	365,707	4,187	11,679	381,573	363,251	18,322	5.0	12,664	318,288	88,297
Nebraska	473,089	2,317	15,562	490,968	456,718	34,250	7.5	24,744	370,939	149,403
Nevada	290,942	5,385	7,529	303,856	298,605	5,251	1.8	4,386	258,635	-
New Hampshire	203,704	922	9,494	214,120	198,376	15,744	7.9	5,149	185,360	4 1,825
New Jersey	354,397	8,601	78,713	441,711	437,466	4,245	1.0	22,224	310,350	4 13,749
New Mexico	542,530	5,678	13,113	561,321	510,544	50,777	9.9	3,025	460,812	16,478
New York	1,286,905	15,225	72,598	1,374,728	1,272,667	102,061	8.0	15,092	1,169,278	4 50,584
North Carolina	1,431,612	4,497	53,477	1,489,586	1,494,871	(5,285)	-0.4	51,715	1,293,146	98,464
North Dakota	253,795	1,601	6,783	262,179	259,545	2,634	1.0	8,084	194,406	40,946
Ohio	1,702,988	7,535	53,902	1,764,425	1,694,378	70,047	4.1	82,280	1,499,022	36,445
Oklahoma	958,915	4,060	35,432	998,407	965,484	32,923	3.4	10,853	860,789	122,424
Oregon	586,068	7,533	18,341	611,942	616,667	(4,725)	-0.8	16,888	499,654	19,147
Pennsylvania	1,594,667	10,608	44,837	1,650,112	1,612,658	37,454	2.3	55,383	1,287,961	4 88,288
Rhode Island	99,110	925	4,494	104,529	103,525	1,004	1.0	2,832	83,940	4 -
South Carolina	649,736	4,084	17,922	671,742	638,229	33,513	5.3	16,175	606,686	24,134
South Dakota	307,974	2,212	9,606	319,792	290,340	29,452	10.1	8,732	256,640	-
Tennessee	910,176	7,963	40,827	958,966	903,866	55,100	6.1	35,226	845,291	47,526
Texas	3,954,790	19,309	197,873	4,171,972	4,015,016	156,956	3.9	128,784	3,781,151	200,273
Utah	480,797	3,705	9,253	493,755	441,413	52,342	11.9	12,435	447,704	6,000
Vermont	113,824	401	5,650	119,875	117,321	2,554	2.2	1,843	105,124	2,977
Virginia	1,233,560	7,359	24,197	1,265,116	1,261,633	3,483	0.3	29,165	1,097,904	22,050
Washington	1,248,026	10,464	24,334	1,282,824	1,319,238	(36,414)	-2.8	25,324	1,123,075	24,012
West Virginia	478,324	1,665	32,820	512,809	491,110	21,699	4.4	6,539	451,739	2,667
Wisconsin	1,303,887	3,967	34,760	1,342,614	1,259,062	83,552	6.6	29,771	1,175,460	111,546
Wyoming	261,786	2,426	7,700	271,912	231,555	40,357	17.4	3,532	248,717	-
<b>Total</b>	<b>45,265,436</b>	<b>295,035</b>	<b>1,534,283</b>	<b>47,094,754</b>	<b>45,504,067</b>	<b>1,590,687</b>	<b>3.5</b>	<b>1,288,828</b>	<b>39,786,177</b>	<b>1,776,918</b>

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> The figures in these columns may vary substantially from the numbers shown for prior years. This results from new information, such as the 1992 Census of Transportation Truck Inventory and Use Survey, and changes in the estimating procedures, and is not because of substantial vehicle registration changes during 1993. 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.

<sup>4</sup> 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, 7,863; New Hampshire, 3,497; New Jersey, 6,186; New York, 26,605; Pennsylvania, 22,088; and Rhode Island, 994.

<sup>5</sup> Although Georgia and Mississippi have a special "Farm" classification, their registration reports do not show a complete segregation of farm trucks from private carriers.

<sup>6</sup> The State reported motor-vehicle registration data for 1993 do not include transfer tags or reregistrations.

BUS REGISTRATIONS - 1993

TABLE MV-10  
SEPTEMBER 1994

STATE	PRIVATE AND COMMERCIAL <sup>1</sup>			PUBLICLY OWNED			TOTAL BUSES		
	COMMER- CIAL BUSES	SCHOOL AND OTHER <sup>2</sup>	TOTAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL (SCHOOL) <sup>2</sup>	TOTAL	TOTAL SCHOOL AND OTHER <sup>3</sup>	TOTAL COMMER- CIAL AND FEDERAL	GRAND TOTAL
Alabama	1,882	178	2,060	36	6,255	6,291	6,433	1,918	8,351
Alaska	1,279	514	1,793	70	53	123	567	1,349	1,916
Arizona	1,138	213	1,351	351	2,698	3,049	2,911	1,489	4,400
Arkansas	44	1,180	1,224	27	4,361	4,388	5,541	71	5,612
California	17,023	8,979	26,002	435	14,986	15,421	23,965	17,458	41,423
Colorado	634	870	1,504	40	4,022	4,062	4,892	674	5,566
Connecticut	2,621	4,806	7,427	11	772	783	5,578	2,632	8,210
Delaware	329	1,320	1,649	6	575	581	1,895	335	2,230
Dist. of Col.	2,235	145	2,380	255	102	357	247	2,490	2,737
Florida	3,648	1,166	4,814	193	33,754	33,947	34,920	3,841	38,761
Georgia	1,236	2,180	3,416	98	11,232	11,330	13,412	1,334	14,746
Hawaii	2,640	695	3,335	26	880	906	1,575	2,666	4,241
Idaho	830	432	1,262	138	1,972	2,110	2,404	968	3,372
Illinois	5,370	9,049	14,419	79	1,493	1,572	10,542	5,449	15,991
Indiana	4,063	4,837	8,900	51	13,939	13,990	18,776	4,114	22,890
Iowa	1,064	269	1,333	12	7,699	7,711	7,968	1,076	9,044
Kansas	380	1,149	1,529	11	2,214	2,225	3,363	391	3,754
Kentucky <sup>4</sup>	1,114	721	1,835	147	9,849	9,996	10,570	1,261	11,831
Louisiana	881	13,845	14,726	23	4,873	4,896	18,718	904	19,622
Maine	180	441	621	11	2,221	2,232	2,662	191	2,853
Maryland	2,500	3,833	6,333	141	4,425	4,566	8,258	2,641	10,899
Massachusetts	3,616	6,673	10,289	77	373	450	7,046	3,693	10,739
Michigan	2,646	6,684	9,330	72	14,228	14,300	20,912	2,718	23,630
Minnesota	2,415	4,226	6,641	7	8,080	8,087	12,306	2,422	14,728
Mississippi	814	2,339	3,153	73	5,824	5,897	8,163	887	9,050
Missouri	1,187	3,156	4,343	33	7,704	7,737	10,860	1,220	12,080
Montana	432	686	1,118	18	1,758	1,776	2,444	450	2,894
Nebraska	526	574	1,100	9	4,685	4,694	5,259	535	5,794
Nevada	1,360	169	1,529	131	119	250	288	1,491	1,779
New Hampshire	359	1,051	1,410	2	313	315	1,364	361	1,725
New Jersey	4,930	10,696	15,626	53	3,000	3,053	13,696	4,983	18,679
New Mexico	541	1,965	2,506	286	620	906	2,585	827	3,412
New York	11,625	6,873	18,498	206	22,105	22,311	28,978	11,831	40,809
North Carolina	1,956	7,007	8,963	51	24,976	25,027	31,983	2,007	33,990
North Dakota	108	462	570	61	1,689	1,750	2,151	169	2,320
Ohio	8,625	2,471	11,096	78	20,537	20,615	23,008	8,703	31,711
Oklahoma	344	1,511	1,855	127	12,061	12,188	13,572	471	14,043
Oregon	1,476	2,147	3,623	65	7,852	7,917	9,999	1,541	11,540
Pennsylvania	8,492	17,070	25,562	115	6,809	6,924	23,879	8,607	32,486
Rhode Island	297	1,272	1,569	5	9	14	1,281	302	1,583
South Carolina	836	3,626	4,462	30	9,995	10,025	13,621	866	14,487
South Dakota	315	391	706	110	1,744	1,854	2,135	425	2,560
Tennessee	1,924	1,379	3,303	74	12,322	12,396	13,701	1,998	15,699
Texas	2,763	12,471	15,234	233	50,203	50,436	62,674	2,996	65,670
Utah	333	81	414	35	738	773	819	368	1,187
Vermont	92	539	631	4	1,197	1,201	1,736	96	1,832
Virginia	2,108	243	2,351	227	13,647	13,874	13,890	2,335	16,225
Washington	764	2,080	2,844	183	4,415	4,598	6,495	947	7,442
West Virginia	859	63	922	42	2,599	2,641	2,662	901	3,563
Wisconsin	1,341	6,280	7,621	22	4,296	4,318	10,576	1,363	11,939
Wyoming	785	126	911	10	1,466	1,476	1,592	795	2,387
<b>Total</b>	<b>114,960</b>	<b>161,133</b>	<b>276,093</b>	<b>4,600</b>	<b>373,739</b>	<b>378,339</b>	<b>534,872</b>	<b>119,560</b>	<b>654,432</b>

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> The State reported motor-vehicle registration data for 1993 do not include transfer tags or reregistrations.

TRAILER AND SEMITRAILER REGISTRATIONS - 1993<sup>1</sup>COMPILED FOR THE CALENDAR YEAR FROM REPORTS  
OF STATE AUTHORITIES AND OTHER SOURCESTABLE MV-11  
SEPTEMBER 1994

STATE	PRIVATE AND COMMERCIAL				PUBLICLY OWNED			GRAND TOTAL
	COMMER- CIAL TRAILERS <sup>2</sup>	LIGHT FARM TRAILERS, CAR TRAILERS, ETC. <sup>3</sup>	HOUSE TRAILERS <sup>4</sup>	TOTAL	BY FEDERAL GOVERNMENT	BY STATE, COUNTY, AND MUNICIPAL GOVERNMENT	TOTAL	
Alabama	55,174	45,401	25,485	126,060	13	994	1,007	127,067
Alaska	17,274	64,316	-	81,590	122	1,170	1,292	82,882
Arizona	48,569	169,022	76,769	294,360	89	3,609	3,698	298,058
Arkansas	31,544	367,756	10,007	409,307	5	265	270	409,577
California	639,635	1,390,333	506,958	2,536,926	343	40,979	41,322	2,578,248
Colorado	55,479	190,608	80,258	326,345	75	2,059	2,134	328,479
Connecticut	25,635	122,162	-	147,797	11	2,566	2,577	150,374
Delaware	12,842	28,201	-	41,043	7	570	577	41,620
Dist. of Col.	122	1,314	-	1,436	140	320	460	1,896
Florida	111,415	922,716	-	1,034,131	169	26,772	26,941	1,061,072
Georgia	105,653	352,140	24,853	482,646	119	3,299	3,418	486,064
Hawaii	4,091	17,047	-	21,138	5	788	793	21,931
Idaho	17,792	51,882	45,236	114,910	55	2,724	2,779	117,689
Illinois	71,667	322,732	76,024	470,423	214	733	947	471,370
Indiana	44,190	249,389	66,854	360,433	36	1,983	2,019	362,452
Iowa	81,924	213,063	61,263	356,250	19	3,608	3,627	359,877
Kansas	75,227	21,729	17,094	114,050	22	831	853	114,903
Kentucky <sup>5</sup>	41,123	27,052	30,156	98,331	56	93	149	98,480
Louisiana	200,298	270,769	10,674	481,741	24	2,289	2,313	484,054
Maine	470,726	112,403	-	583,129	7	2,322	2,329	585,458
Maryland	16,476	172,862	-	189,338	95	378	473	189,811
Massachusetts	33,633	153,722	-	187,355	67	155	222	187,577
Michigan	83,692	679,320	107,277	870,289	79	4,217	4,296	874,585
Minnesota	153,841	523,093	81,299	758,233	76	3,040	3,116	761,349
Mississippi	28,826	63,894	9,418	102,138	29	1,420	1,449	103,587
Missouri	81,322	272,663	-	353,985	115	361	476	354,461
Montana	18,375	102,485	45,657	166,517	49	2,750	2,799	169,316
Nebraska	68,147	158,123	-	226,270	11	895	906	227,176
Nevada	6,818	71,774	29,916	108,508	43	1,120	1,163	109,671
New Hampshire	10,022	86,449	-	96,471	3	1,064	1,067	97,538
New Jersey	42,590	274,090	-	316,680	148	100	248	316,926
New Mexico	16,393	28,908	56,094	101,395	128	2,801	2,929	104,324
New York	19,770	501,133	-	520,903	327	5,358	5,685	526,588
North Carolina	77,095	453,200	2,236	532,531	41	8,024	8,065	540,596
North Dakota	19,560	20,847	14,547	54,954	8	760	768	55,722
Ohio	135,771	391,112	98,479	625,362	115	5,925	6,040	631,402
Oklahoma	76,066	63,768	7,506	147,340	32	1,719	1,751	149,091
Oregon	42,705	84,074	128,516	255,295	91	9,056	9,147	264,442
Pennsylvania	113,835	360,572	179,948	654,355	188	3,715	3,903	658,258
Rhode Island	5,841	34,135	-	39,976	7	802	809	40,785
South Carolina	31,918	26,728	113	58,759	30	1,020	1,050	59,809
South Dakota	24,381	77,021	21,151	122,553	28	1,235	1,263	123,816
Tennessee	44,033	46,694	85	90,812	65	303	368	91,180
Texas	200,903	1,178,372	-	1,379,275	167	32,557	32,724	1,411,999
Utah	15,012	54,607	40,381	110,000	69	399	468	110,468
Vermont	2,927	57,770	-	60,697	3	835	838	61,535
Virginia	74,124	151,850	64,927	290,901	56	2,468	2,524	293,425
Washington	160,528	335,117	85,427	581,072	146	1,950	2,096	583,168
West Virginia	34,521	46,835	23,447	104,803	8	4,247	4,255	109,058
Wisconsin	147,649	12,904	35,656	196,209	26	1,531	1,557	197,766
Wyoming	9,028	85,884	17,719	112,631	82	890	972	113,603
<b>Total</b>	<b>3,906,182</b>	<b>11,510,041</b>	<b>2,081,430</b>	<b>17,497,653</b>	<b>3,863</b>	<b>199,069</b>	<b>202,932</b>	<b>17,700,583</b>

<sup>1</sup> 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.

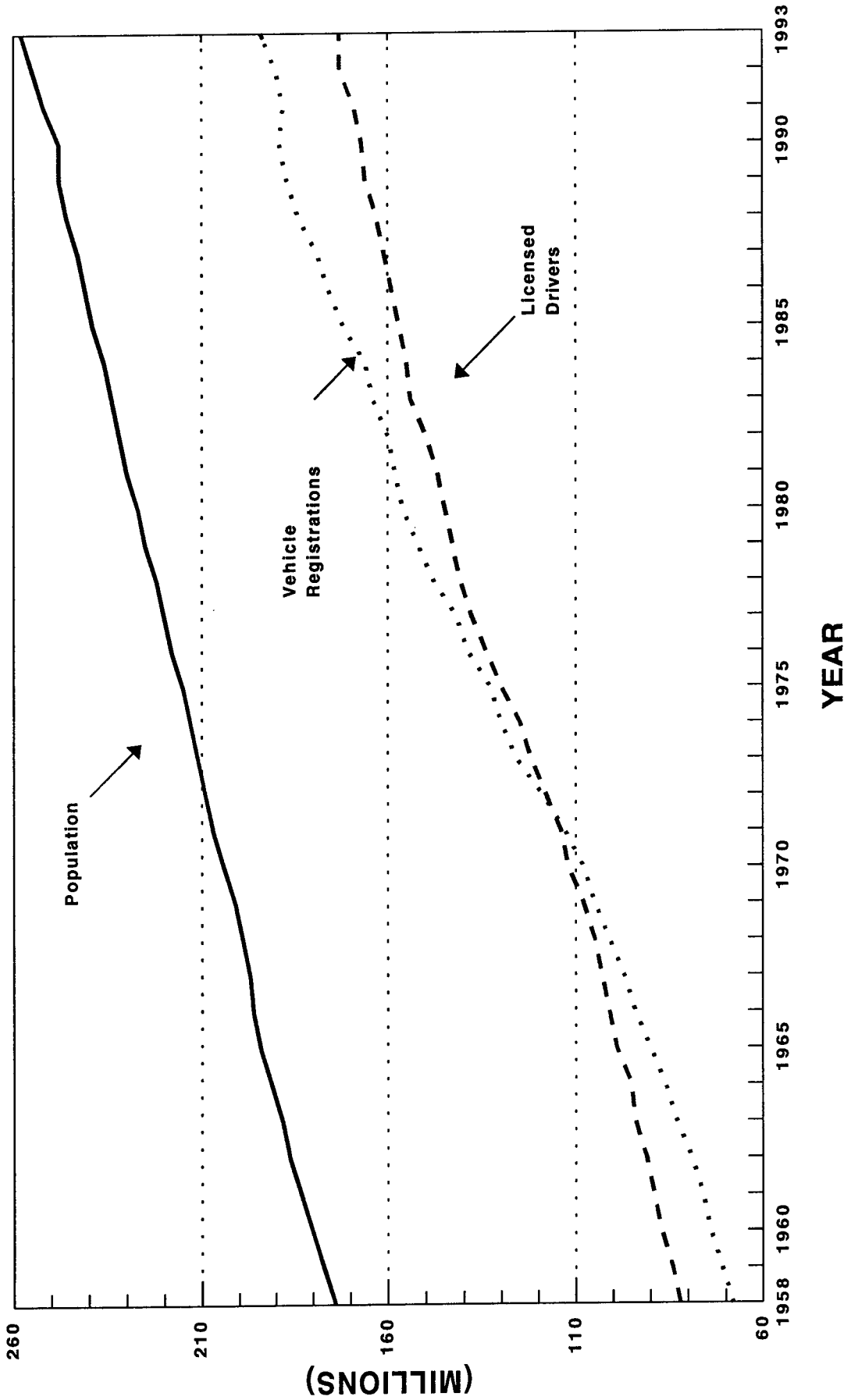
<sup>2</sup> This column includes all commercial type vehicles and semitrailers that are in private or for-hire use.

<sup>3</sup> Several States do not require the registration of light farm or automobile trailers.

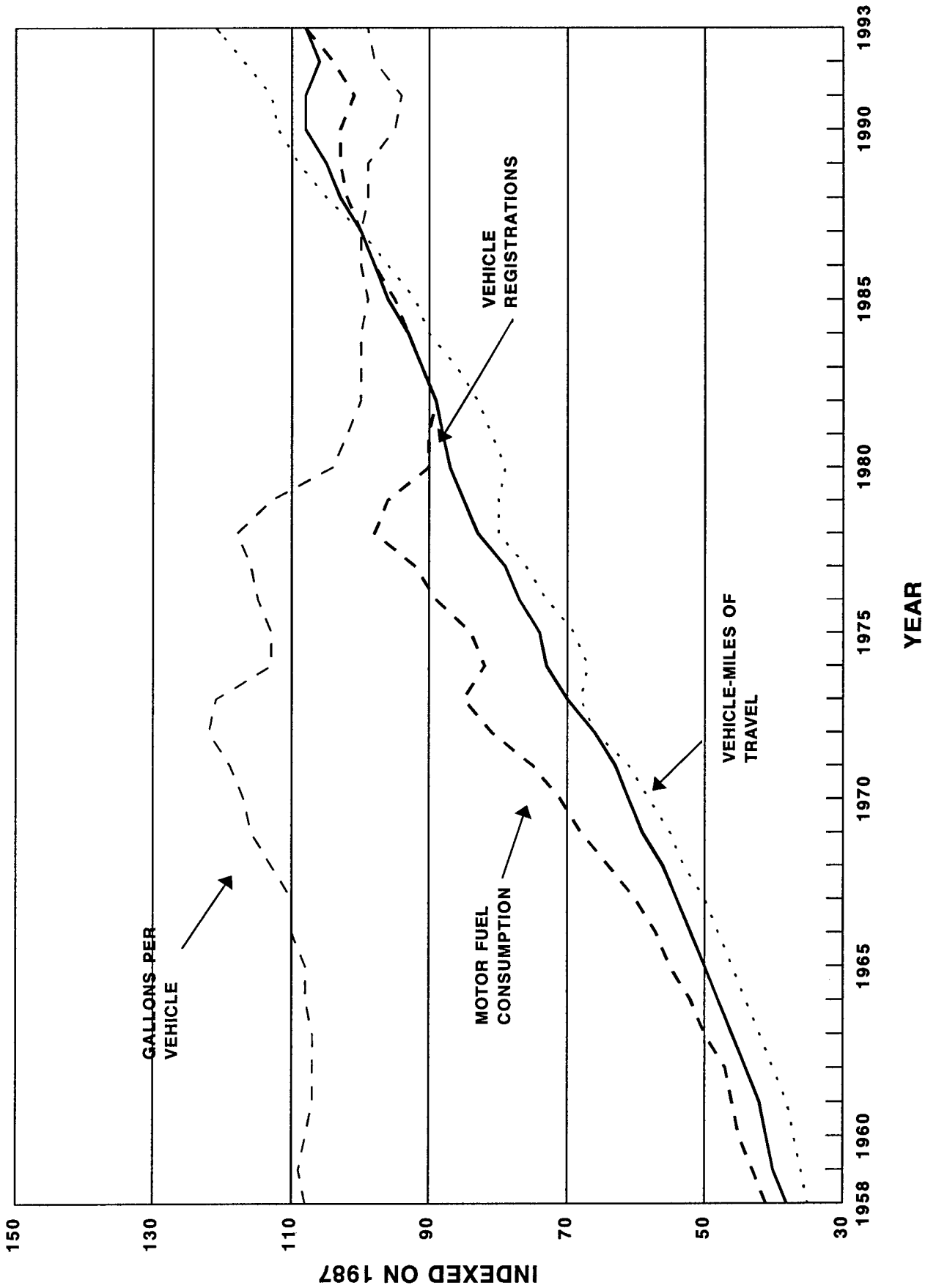
<sup>4</sup> Mobile homes and house trailers are shown in this column for States which require them to be registered and are able to segregate them from other trailers. In States where this classification is not available, house trailers are included with light car trailers.

<sup>5</sup> The State reported motor-vehicle registration data for 1993 do not include transfer tags or reregistrations.

# LICENSED DRIVERS, VEHICLE REGISTRATIONS, AND RESIDENT POPULATION



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



I

## 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.

### 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 - 1993<sup>1</sup>

COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

TABLE DL-1  
SHEET 1 OF 5  
OCTOBER 1994

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL <sup>2</sup>	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-1993
Alabama <sup>3</sup>	Learner Permits	52,028	—	—	\$13.50 & \$18.50	
	Class A	6,541	4 Years	Issuance	\$43.50	
	Class B	2,812	4 Years	Issuance	\$33.50	
	Class C	453	4 Years	Issuance	\$13.50	
	Class D	710,385	4 Years	Issuance	\$13.50 & \$18.50	
	Class M	1,152	4 Years	Issuance	\$13.50 & \$18.50	
	School Bus	474	4 Years	Issuance	\$13.50	
Alaska	Learner Permits	17,074	2 Years	—	\$3.00	
	Class A	3,197	5 Years	Birthday	\$100.00	16,850
	Class B	2,153	5 Years	Birthday	\$100.00	6,715
	Class C	489	5 Years	Birthday	\$100.00	1,302
	Class D	109,811	5 Years	Birthday	\$10.00	412,830
	Class M1 (Motorcycle)	6,313	5 Years	Birthday	\$10.00	
	School Bus	1,514	1 Year	Issuance	\$3.00	
Arizona	Learner Permits—Class A	6,746	6 Months	—	\$25.00	
	Class B	4,012	6 Months	—	\$25.00	
	Class C	722	6 Months	—	\$15.00	
	Class D	65,121	6 Months	—	\$7.00	
	Class M	9,504	6 Months	—	\$7.00	
	Class 1	13	4 Years	Birthday	\$7.00	7,123
	Class 2	72,042	4 Years	Birthday	\$7.00	389,089
	Class 3	2,260	4 Years	Birthday	\$7.00	16,890
	Class 4	195	4 Years	Birthday	\$10.00	4,728
	Class 5	15	4 Years	Birthday	\$17.00	730
	Class A	10,688	4 Years	Birthday	\$25.00	43,307
	Class B	4,643	4 Years	Birthday	\$25.00	19,671
	Class C	854	4 Years	Birthday	\$15.00	2,939
	Class D	574,267	Varies	Birthday	Varies	2,102,169
	Class M	247	5 Years	Birthday	\$7.00	729
Arkansas	Learner Permits	11,858	60 Days	—	\$2.00	
	Class A	9,577	4 Years	Birthday	\$41.00	
	Class B	3,237	4 Years	Birthday	\$41.00	
	Class C	675	4 Years	Birthday	\$41.00	83,267
	Class D	265,969	4 Years	Birthday	\$12.00	1,673,427
	Class M	195	4 Years	Birthday	\$12.00	783
California <sup>2</sup>	Learner Permits	N/A	—	—	—	
	Class (1 + A)	88,150	4 Years	Birthday	\$57.00	329,065
	Class (2 + B)	61,146	4 Years	Birthday	\$57.00	210,271
	Class (3 + C)	4,196,521	4 Years	Birthday	\$27.00	19,579,673
	Class (4 + M1 + M2)	987	4 Years	Birthday	\$12.00	4,472
	Other + (4 + M1 + M2)	170,213	4 Years	Birthday	\$12.00	
Colorado <sup>4</sup>	Learner Permits	84,176	180 Days	—	\$10.00	
	Class A		4 Years	Birthday	\$25.00	
	Class B		4 Years	Birthday	\$25.00	
	Class C	5,182	4 Years	Birthday	\$25.00	93,063
	Class D	572,942	5 Years	Birthday	\$15.00	2,468,397
	Class M	11,168	2, 3, 5 Years	Birthday	\$16.00	30,837
Connecticut <sup>5</sup>	Learner Permits	N/A	—	—	—	
	Class A		4 Years	Birthday	\$40.25-\$61.00	23,208
	Class B		4 Years	Birthday	\$40.25-\$61.00	38,463
	Class C		4 Years	Birthday	\$40.25-\$61.00	2,828
	Class 1		4 Years	Birthday	\$28.00-\$43.00	45,326
	Class 2		4 Years	Birthday	\$28.00-\$43.00	66,959
	Class 3		4 Years	Birthday	\$28.00-\$43.00	2,219,909
	Public Passenger Permit		1 Year	June 30	\$9.00	54,737
Special Equipment					3,127	
Delaware <sup>6</sup>	Learner Permits	N/A	60 Days	—	\$12.50	
	New Applicants	30,658	5 Years	Birthday	\$12.50	
	Class A Renewal	25	5 Years	Birthday	\$12.50	
	Class B Renewal	168	5 Years	Birthday	\$12.50	
	Class D Renewal	30,658	5 Years	Birthday	\$12.50	
	Permanent Class B & C	0	5 Years	Birthday	\$35.00	
	Permanent Class D (A)	177	5 Years	Birthday	\$35.00	
	Permanent License Renewals	5,059	5 Years	Birthday	\$1.15	
	Non CDL ABC	358	5 Years	Birthday	\$12.50	
	Commercial Driver License	5,177	5 Years	Birthday	\$30.00	
District Of Columbia	Learner Permits	37,518	60 Days	—	\$10.00	
	Class A	1,196	4 Years	Issuance	\$80.00	
	Class B	3,465	4 Years	Issuance	\$80.00	
	Class C	529	4 Years	Issuance	\$80.00	
	Class D	111,679	4 Years	Issuance	\$20.00	
Florida <sup>7</sup>	Learner Permits	N/A	6 Years	—	\$19.00	
	Commercial—Original	63,729	6 Years	Birthday	\$50.00 & \$51.00	326,447
	Noncommercial—Original	2,328,219	6 Years	Birthday	\$20.00/\$15.00/\$16.00	11,104,495
Georgia	Learner Permits—Classes A, B & M	27,589	6 Months	—	\$1.50/\$8.50/\$10.00	
	Learner Permits—Class P	109,262	1 Year	—	\$1.50/\$8.50/\$10.00	
	CDL—Class A, B, & C	62,199	4 Years	Birthday	\$15.00	
	Class A	4,292	4 Years	Birthday	\$8.50/\$15.00	129,129
	Class B	2,413	4 Years	Birthday	\$8.50/\$15.00	68,017
	Class C	1,151,764	4 Years	Birthday	\$4.50/\$15.00	4,418,149
	Class M	47,273	4 Years	Birthday	\$4.50/\$15.00	188,695
	Veterans (All Classes)	168,660	4 Years	Birthday	\$0.00	



MOTOR-VEHICLE DRIVER LICENSES - 1993<sup>1</sup>

TABLE DL-1  
SHEET 2 OF 5  
OCTOBER 1994

COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL <sup>2</sup>	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-1993
Hawaii	Learner Permits	80,372	90 Days	--	Varies	--
	CDL--Classes A, B, C		2-4 Years	Birthday	Varies	
	Operator		1, 2 & 4 Years	Birthday	Varies	
	Motorcycle	236,036	2 & 4 Years	Birthday	Varies	
Idaho	Learner Permits	16,516	120 Days	--	\$30.00	--
	Commercial A, B, C	5,789	4 Years	Birthday	\$23.50	42,511
	Class D--Operator	206,156	4 Years	Birthday	\$19.50	735,261
Illinois <sup>2 8</sup>	Learner Permits	166,189	--	--	\$20.00	--
	Class D	1,430,526	4 Years	Birthday	\$10.00 & \$5.00	7,468,765
	Class C	24,834	4 Years	Birthday	\$10.00 & \$5.00	161,782
	Class B	14,618	4 Years	Birthday	\$10.00 & \$5.00	190,103
	Class A	22,932	4 Years	Birthday	\$10.00 & \$5.00	179,698
	Class L	19	4 Years	Birthday	\$10.00 & \$5.00	107
	Class M	60	4 Years	Birthday	\$10.00 & \$5.00	291
Indiana <sup>2 9</sup>	Learner Permits	145,758	1 Year	--	\$2./\$3./\$5./\$10.	--
	Operator	938,277	4 Years	Birthday	\$6.00	
	CDL Operator	13,015	4 Years	Birthday	\$25.00	
	Amd. CDL Operator	3,621	4 Years	Birthday	\$15.00	
	P. P. Chauffeur	3,670	2 Years	Birthday	\$4.00	
	Operator (Aged Persons)	53,424	3 Years	Birthday	\$3.00	
	Chauffeur	14,349	4 Years	Birthday	\$8.00	
	Motorcycle	36	4 Years	Birthday	\$6.00	
Iowa	Learner Permits	N/A				--
	NC Instruction Permit	48,002	2 Years	--	\$6.00	
	CDL Instruction Permit	3,307	6 Months	--	\$12.00	
	D Instruction Permit	15	2 Years	--	\$12.00	
	Motorcycle Instruction Permit	0	2 Years	--	\$8.00	
	Class A--CDL	6,870	2 & 4 Years	Birthday	\$16.00/\$32.00	69,574
	Class B--CDL	4,511	2 & 4 Years	Birthday	\$16.00/\$32.00	36,933
	Class C--CDL	683	2 & 4 Years	Birthday	\$16.00/\$32.00	4,205
	Class C--Non-Commercial	467,520	2 & 4 Years	Birthday	\$8.00/\$16.00	1,676,041
	Class D--Chauffeur	17,829	2 & 4 Years	Birthday	\$16.00/\$32.00	79,011
	Class M	6	2 & 4 Years	Birthday	\$10.00/\$20.00	10
	Operator	0	2 & 4 Years	Birthday	\$8.00/\$16.00	32,186
	Chauffeur	0	2 & 4 Years	Birthday	\$15.00/\$30.00	1,480
	Kansas <sup>10</sup>	Learner Permits	29,868	3-6 Months	--	\$2.00/\$5.00
Commercial--Classes A, B, C		21,074	48-59 Months	Birthday	\$14.00	87,975
Noncommercial--Classes A & B		20,434	48-59 Months	Birthday	\$12.00	51,854
Noncommercial--Class C		433,069	48-59 Months	Birthday	\$8.00	1,474,874
Classes M, AM, BM, CM		50,652	48-59 Months	Birthday	\$5.00	183,904
Kentucky		Learner Permits	147,224	6 Months	--	\$2.00-\$6.00
	Operator	675,735	1-5 Years	Birthday	\$2 PER YEAR	2,490,872
	Motorcycle	20,678	1-5 Years	Birthday	VARIOUS	86,570
	Commercial	52,812	1-48 Months	Birthday	VARIOUS	107,767
Louisiana	Learner Permits	8,014		--	\$18.00	--
	State Licenses	593,762	2 & 4 Years	Birthday	\$3.50/\$12.50	
	New Orleans Driver License	58,785	2 & 4 Years	Birthday	\$3.50/\$12.50	
	Motorcycle	2,794	2 & 4 Years	Birthday	\$4.00/\$8.00	
	Commercial--State	31,056	4 Years	Birthday	\$27.50	
	Commercial--New Orleans	2,279	4 Years	Birthday	\$35.00	
	Commercial--State, A, B, C	9,943	4 Years	Birthday	\$40.00	
	Commercial--New Orleans, A, B, C	627	4 Years	Birthday	\$50.00	
Maine	Learner Permits	N/A	1 Year	--	\$10/\$35	--
	Class A		4/6 Years	Birthday	\$20.00	30,263
	Class B		4/6 Years	Birthday	\$20.00	23,064
	Class C		4/6 Years	Birthday	\$20.00	852,206
Maryland <sup>11</sup>	Learner Permits	93,688	180 Days	--	\$24.00/\$30.00	--
	Class A	2,084	5 Years	Birthday	\$6.00 per year	58,497
	Class B	1,960	5 Years	Birthday	\$6.00 per year	55,005
	Class C	160	5 Years	Birthday	\$6.00 per year	4,499
	Non-Commercial Class A	384	5 Years	Birthday	\$6.00 per year	10,781
	Non-Commercial Class B	706	5 Years	Birthday	\$6.00 per year	19,801
	Non-Commercial Class C	111,366	5 Years	Birthday	\$6.00 per year	3,125,809
	Non-Commercial Class M	14	5 Years	Birthday	\$6.00 per year	398
	CDL--Renewal	3,461	5 Years	Birthday	\$20.00	
	Non-CDL--Renewal	712,862	5 Years	Birthday	\$20.00	
	Under 21--Renewal	35		21st Birthday	\$5.00	
	Provisional Conversions	21,127		21st Birthday	\$5.00	

MOTOR-VEHICLE DRIVER LICENSES - 1993<sup>1</sup>

COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

TABLE DL-1  
SHEET 3 OF 5  
OCTOBER 1994

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL <sup>2</sup>	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-1993
Massachusetts <sup>12</sup>	Learner Permits	285,546	1 Year	—	\$15.00	—
	Class A	17,298	5 Years	Birthday	\$52.50/\$62.50	57,942
	Class B	19,732	5 Years	Birthday	\$40.40/\$50.00	63,574
	Class C	2,078	5 Years	Birthday	\$33.75/\$43.75	5,685
	Class D	1,030,966	5 Years	Birthday	\$33.75/\$43.75	4,037,848
	Class M	7,156	5 Years	Birthday	\$33.75/\$43.75	685
Michigan <sup>13</sup>	Learner Permits—Oper/Chauf Cycle	73,138	—	—	\$12.00/\$20.00	—
	Org. CDL	12,919	—	—	\$6.00/\$7.50	—
	Operator/Moped/Minor Restricted	29,766	—	—	\$20.00	—
	Chauffeur	166,098	2-4 Years	Birthday	\$5.00/\$7.50/\$12.00	6,067,985
	Operator Renewal	118,183	2-4 Years	Birthday	\$5.00/\$20.00	461,924
	Operator/Moped Renewal	70,184	2 Years	Birthday	\$6.00	—
	Minor Restricted	1,439,244	4 Years	Birthday	\$6.00/\$12.00	—
	Motorcycle	47	—	—	\$5.00	—
	Original CDL Group	109,739	2-4 Years	Birthday	\$4./\$5./\$6./\$7.50	425,819
	CDL Original Group—Operator	24	2 Years	Birthday	\$20.00	132,926
	CDL Original Group—Chauffeur	110	2 Years	Birthday	\$20.00	66,898
	CDL Renewal Group	1,702	4 Years	Birthday	\$20.00	7,436
	Minnesota <sup>14</sup>	Learner Permits	93,577	—	—	\$6.00
Commercial A	24,636	4 Years	Birthday	\$37.50	85,095	
Commercial B	15,034	4 Years	Birthday	\$29.50	47,543	
Commercial C	371	4 Years	Birthday	\$22.50	1,214	
Class C	745,570	4 Years	Birthday	\$18.50	2,320,998	
Class A Provisional	389	—	21 Birthday	\$17.50	418	
Class B Provisional	453	—	21 Birthday	\$29.50	547	
Class C Provisional	81,361	—	21 Birthday	\$18.50	181,643	
School Bus	15,390	1 Year	Birthday	\$2.50	21,617	
Motorcycle	15,267	4 Years	Birthday	\$16.00	293,638	
Mississippi	Learner Permits—non-CDL	80,027	60 Days	—	\$1.00	—
	Learner Permits—CDL	12,231	180 Days	—	\$10.00	—
	Regular	360,669	4 Years	Birthday	\$20.00	—
	Commercial	20,206	4 Years	Birthday	\$25.00	—
	Motorcycle	25	4 Years	Birthday	\$13.00	—
	CDL License	17,120	4 Years	Birthday	\$40.00	—
Missouri	Learner Permits—CDL	8,818	6 Months	—	\$5.00	—
	Learner Permits—Non-CDL	108,338	6 Months	—	\$1.00	—
	Operator	1,003,606	3 Years	Issuance	\$7.50	—
	Chauffeur	116,755	3 Years	Issuance	\$15.00	—
	Motorcycle	72	3 Years	Issuance	\$7.50	—
	Commercial	52,789	3 Years	Issuance	\$20.00	—
Montana	Learner Permits	N/A	—	—	—	—
	Operator	172,995	4 Years	Birthday	\$16.00	563,709
	Commercial-Type I-Interstate	10,783	4 Years	Birthday	\$36.00	33,326
	Commercial-Type II-Intrastate	4,121	4 Years	Birthday	\$30.00	—
	Motorcycle	2	4 Years	Birthday	\$2.00	—
Nebraska	Learner Permits	32,386	2 Months/1 Year	—	\$3.00	—
	Regular	363,863	1 & 4 Years	Birthday	\$3.50/\$10.00	—
	Motorcycle	13,400	1 & 4 Years	Birthday	\$3.50/\$10.00	—
	CDL License	7,816	1 & 4 Years	Birthday	\$3.50/\$10.00	—
	School Bus	5,647	1 Year	Issuance	\$0.00	—
Nevada	Learner Permits	34,817	8 Months	—	\$14.50/\$19.50	—
	Class A—CDL	1,373	4 Years	Birthday	\$54.00/\$84.00	17,215
	Class B—CDL	505	4 Years	Birthday	\$54.00/\$84.00	7,817
	Class C—CDL	143	4 Years	Birthday	\$54.00/\$84.00	1,388
	Class A	25	4 Years	Birthday	\$14.50/\$19.50	2,472
	Class B	134	4 Years	Birthday	\$14.50/\$19.50	1,389
	Class C	233,324	4 Years	Birthday	\$14.50/\$19.50	949,716
	Class M	121	4 Years	Birthday	\$14.50/\$19.50	239
New Hampshire <sup>15</sup>	Learner Permits	N/A	—	—	—	—
	Operator	—	4 Years	Birthday	\$32.00	—
	Commercial	302,242	4 Years	Birthday	\$42.00/\$82.00	868,560
	Motorcycle	—	4 Years	Birthday	\$37.00	—
New Jersey	Learner Permits—CDL	31,642	—	—	\$5./\$15./\$25.	—
	Learner Permits—Operator	398,756	—	—	—	—
	Operator Commercial	1,098,926	4 Years	Issuance	\$16.00	—
New Mexico <sup>16</sup>	Learner Permits	74,870	4 Years	Issuance	—	—
	Classes D, M, E, A, B, C	22,911	60 Days	—	\$2.00	—
New York <sup>2 17</sup>	Learner Permits	364,205	4 Years	Birthday	\$10.00	—
	Commercial—Classes A, B, C	—	4 Years	Birthday	\$10.00	—
	Classes C, E	—	4 Years	Birthday	\$60.00	—
	Classes D, M	2,667,167	4 Years	Birthday	\$40.00	—
North Carolina	Learner Permits	N/A	18 Months	—	\$5.00	—
	Learner Permits—Commercial	—	18 Months	—	\$20.00	—
	Class A—CDL	—	4 Years	Birthday	\$40.00	59,504
	Class B—CDL	—	4 Years	Birthday	\$40.00	34,336
	Class C—CDL	—	4 Years	Birthday	\$40.00	910
	Class A	—	4 Years	Birthday	\$15.00	114,251
	Class B	—	4 Years	Birthday	\$15.00	64,510
	Class C	—	4 Years	Birthday	\$10.00	4,270,935

MOTOR-VEHICLE DRIVER LICENSES - 1993<sup>1</sup>

COMPILED FROM THE CALENDAR YEAR REPORTS OF STATE AUTHORITIES

TABLE DL-1 SHEET 4 OF 5 OCTOBER 1994

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL <sup>2</sup>	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-1993
North Dakota <sup>18</sup>	Learner Permits--Non-Commercial	12,147	1 Year	--	\$10.00	--
	Learner Permits--Commercial	1,026	6 Months	--	\$15.00	--
	Class A, B, C	7,371	4 Years	Birthday	\$15.00	--
	Class D, M	99,931	4 Years	Birthday	\$10.00	20,836
	Class A					8,196
	Class B					2,351
	Class C					406,559
	Class D					37,400
Ohio	Learner Permits--CDL	372,809	6 Months	--	\$10.00	--
	Learner Permits--Operators	33,679	6 Months	--	\$3.00	--
	Operator	1,842,397	4 Years	Birthday	\$5.50	--
	Probationary, Age 16-20	209,726	1 To 5 Years	Birthday	\$1.25 TO \$6.25	--
	Operator/Motorcycle	4,780	4 Years	Birthday	\$11.00	--
	Probationary, Age 16-20	530	1 To 5 Years	Birthday	\$6.25 TO \$11.25	--
	Commercial:					
	With Operator	93,223	4 Years	Birthday	\$25.00	--
	With Motorcycle	3,341	4 Years	Birthday	\$20.00	--
	With Operator/Motorcycle	355	4 Years	Birthday	\$30.00	--
	Probationary Operator, Age 18-20	589	1 To 3 Years	Birthday	\$6.25 TO \$18.75	--
	Motorcycle	44	1 To 5 Years	Birthday	\$1.25 TO \$6.25	--
Oklahoma <sup>2 19</sup>	Learner Permits--Class D	56,568	4 Years	--	\$13.00	--
	Class A	19,282	4 Years	Issuance	\$33.00	96,949
	Class B	7,825	4 Years	Issuance	\$33.00	39,737
	Class C	1,733	4 Years	Issuance	\$23.00	6,050
	Class D	451,535	4 Years	Issuance	\$13.00	2,205,597
Oregon	Learner Permits	63,968	1 Year	--	\$13.00	--
	Class A	8,330	4 Years	Birthday	\$20.25/\$25.00	60,717
	Class B	4,443	4 Years	Birthday	\$20.25/\$25.00	22,078
	Class C	490	4 Years	Birthday	\$20.25/\$25.00	1,846
	Class C & C14	580,989	4 Years	Birthday	\$16.25/26.25	1,473,525
	Prior License Categories					150,391
	Class 1					2,275
	Class 2					396
Class 3					5,457	
Class 4					672,324	
Class 5					17	
Pennsylvania <sup>20</sup>	Learner Permits--Operator	290,880	90-120 Days	--	\$5.00	--
	Learner Permits--CDL	45,118		--	\$12.00	--
	Operator	2,034,869	2 & 4 Years	Birthday	\$10.00/\$20.00	--
	CDL	3,031	1 Year	Birthday	\$10.00	--
	CDL	5,623	2 Years	Birthday	\$20.00	--
	CDL	5,851	3 Years	Birthday	\$30.00	--
	CDL	76,806	4 Years	Birthday	\$40.00	--
Rhode Island	Learner Permits	N/A	6 Months	--	\$5.00	--
	Class A		5 Years	Birthday	\$30.00	--
	Class B		5 Years	Birthday	\$30.00	--
	Class C		5 Years	Birthday	\$30.00	--
	Passenger		5 Years	Birthday	\$30.00	--
	Chauffeur 31		5 Years	Birthday	\$30.00	--
	Chauffeur 32		5 Years	Birthday	\$30.00	--
	Chauffeur 33		5 Years	Birthday	\$30.00	--
	Chauffeur 34		5 Years	Birthday	\$30.00	--
	Chauffeur 35		5 Years	Birthday	\$30.00	--
	Motorcycle		5 Years	Birthday	\$1.00	--
	Service License		5 Years	Birthday	\$30.00	--
	South Carolina	Learner Permits	148,292	6 Months	Expiration	\$2.00
Original		755,540	4 Years	Birthday	\$10.00	--
South Dakota	Learner Permits	5,504	180 Days	--	\$6.00	--
	Operator	152,095	4 Years	Birthday	\$6.00	472,071
	Commercial License	11,220	4 Years	Birthday	\$15.00	34,487
Tennessee <sup>21</sup>	Learner Permits--CDL	443	1 Year	--	\$13./\$14./\$28./\$32.	--
	Learner Permits--Non-CDL	39,659				
	Class A	11,276	3-7 Years	Birthday	\$40.00	95,064
	Class B	4,191	3-7 Years	Birthday	\$35.00	42,258
	Class C	968	3-7 Years	Birthday	\$35.00	8,370
	Class D	951,393	3-7 Years	Birthday	\$17.50	3,387,754
Class M	361	3-7 Years	Birthday	\$16.25	747	
Texas <sup>22</sup>	Learner Permits	390,508	1 Year	--	\$5.00	--
	Class A--CDL					301,296
	Class B--CDL					125,261
	Class C--CDL					13,838
	Class A	207,024	1 & 4 Years	Birthday	\$10.00/\$40.00	71,441
	Class B	85,297	1 & 4 Years	Birthday	\$10.00/\$40.00	24,109
	Class C	6,086,862	1 & 4 Years	Birthday	\$10.00/\$40.00	11,344,481
	Class M	471	1 & 4 Years	Birthday	\$10.00/\$40.00	532
Occupational	5,195	--	--	\$10.00	3,729	

MOTOR-VEHICLE DRIVER LICENSES - 1993<sup>1</sup>TABLE DL-1  
SHEET 5 OF 5  
OCTOBER 1994COMPILED FROM THE CALENDAR YEAR  
REPORTS OF STATE AUTHORITIES

STATE	CLASS OR TYPE OF LICENSE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE NEW AND RENEWAL <sup>2</sup>	ESTIMATED LICENSES IN FORCE BY CLASS 12-31-1993
Utah	Learner Permits	42,000	6 Months	--	\$20.00	--
	Class D	315,180	5 Years	Birthday	\$15.00	1,108,593
	Class M	20	5 Years	Birthday	\$15.00	80
	Class A--CDL	1,100	5 Years	Issuance	\$80.00	28,000
	Class B--CDL	30	5 Years	Issuance	\$80.00	11,000
	Class C--CDL	70	5 Years	Issuance	\$80.00	42,000
Vermont	Learner Permits	14,027	2 Years	--	\$5.00	--
	Operator	115,717	2 & 4 Years	Birthday	\$12.00/\$20.00	393,187
	Jr. Operator	5,727	2 Years	Birthday	\$12.00	10,994
	Commercial	560	2 & 4 Years	Birthday	\$60.00/\$90.00	19,308
Virginia	Learner Permits	138,016	12 Months	--	\$3.00	--
	Driver	1,166,146	3-7 Years	Birthday	\$2.40/YEAR	4,579,666
	Commercial	36,930	3-7 Years	Birthday	\$7.00/YEAR	161,314
Washington	Learner Permits	72,973	1 Year	--	\$2.50/\$4/\$5	--
	Basic License	973,761	4 Years	Birthday	\$14.00	3,772,022
	Commercial	37,950	2 & 4 Years	Birthday	\$12.00	130,159
	Motorcycle	59,011	4 Years	Birthday	\$6/\$7.50	264,380
	Occupational	1,357	Varies	--	\$25.00	1,200
West Virginia <sup>23</sup>	Learner Permits	29,173	60 Days	--	\$4.00	--
	Junior	13,061	2 Years	Issuance	\$10.50	23,278
	Regular	301,534	4 Years	Issuance	\$10.50	1,231,947
	Commercial	5,292	4 Years	Issuance	\$50.00	46,883
Wisconsin <sup>24</sup>	Learner Permits--CDL	19,266	6 Months	--	\$20.00	--
	Class D	104,228	6 Months	--	\$20.00	--
	Class M	25,186	6 Months	--	\$20.00	--
	Probationary	87,594	2 Years	Birthday	\$20.00	--
	Class A, B, C, D, M	898,003	2 & 4 Years	Birthday	\$4./\$10./\$15./\$32.	--
Wyoming	Learner Permits	--	1 Year	--	\$10.00	--
	CDL--All Classes	1,359	4 Years	Birthday	\$25.00/\$20.00	--
	Non-CDL--All Classes	86,083	4 Years	Birthday	Various	--

<sup>1</sup> 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/she holds.

<sup>2</sup> 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 \$10 fee. Oklahoma--additional \$4 to \$25 fee for the license application before obtaining the original license.

<sup>3</sup> 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. Alabama views a learner permit as a valid license and does not count them again in the different classes of licenses.

<sup>4</sup> Colorado--No fee for renewal of motorcycle endorsement. Minor licenses expire 20 days after 18th birthday; provisional licenses expire 20 days after 21st birthday.

<sup>5</sup> Connecticut--Examination fees in addition to the original license fee: \$15 for operator and \$3.50 for public service license.

<sup>6</sup> Delaware--Learner permits included in new applicant.

<sup>7</sup> Florida--Original license fee is \$20; "safe drivers (no convictions within the preceding 3 years)" may renew in person for \$20 6 years.

<sup>8</sup> Illinois--Issues special license to minors (persons 18-20 years of age) which expire when 21 years old plus 3 months; 4-year--\$10 and minor fees--\$5.

<sup>9</sup> Indiana--Issues 3-year licenses to aged persons.

<sup>10</sup> Kansas--Examination fees in addition to the original license fee: \$2. Class M includes combination motorcycle licenses, i.e., Class AM, etc.

<sup>11</sup> Maryland--New residents receive a license which will expire in 1996 to phase in a 5-year license program. Approximately 40% of learner permits are converted to licenses at no additional fee. Persons under 21--license expires 60 days after 21st birthday. Moped licenses issued prior to July 1, 1992, were valid for 4 years--those issued after that date valid for 5 years. Moped license fees prior to July 1, 1992 were \$20--since that date, they are \$25. Provisional conversions to a regular license are valid until 60 days past the individual's birth date.

<sup>12</sup> Massachusetts--Examination fees in addition to the original license fee: \$5 each for written and road test.

<sup>13</sup> Michigan--Persons age 60 and over may renew at \$4 annually; original motorcycle endorsement, \$6.

<sup>14</sup> Minnesota--Number listed for school bus drivers is the number of exams administered during the year.

<sup>15</sup> New Hampshire--Net Licenses in force double count those individuals that hold a motorcycle or moped Class of license along with their CDL or operator.

<sup>16</sup> New Mexico--Persons 75 years or over renew annually at \$2.50.

<sup>17</sup> New York--43-54 month licenses are issued in order to place the licenses into his/her month of birth; fees prorated accordingly. 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, 16-hour rehabilitation course.

<sup>18</sup> North Dakota--No additional fee is charged for a Class 4 or Class M license over and above the initial fee paid for the Class 1, 2, or 3 license or Class A, B, C, or D license.

<sup>19</sup> Oklahoma--License fees: 62 years old \$11.25, 63--\$7.50, 64--\$3.75, 65 and over is free of charge.

<sup>20</sup> Pennsylvania--Drivers over 65 renew for 2 years at \$11.50.

<sup>21</sup> Tennessee--Examination fees in addition to the original license fee: \$5.

<sup>22</sup> Texas--Licenses issued to those under 18 expire on 18th birthday; the fee is prorated with a \$5 minimum.

<sup>23</sup> West Virginia--Commercial includes all CDL licenses issued including provisional licenses previously issued.

<sup>24</sup> Wisconsin--Examination fees in addition to the original license fee: \$5 each for written and road test.

## LICENSED DRIVERS, BY SEX - 1993

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

TABLE DL-1A  
OCTOBER 1994

STATE	MALE DRIVERS	FEMALE DRIVERS	TOTAL DRIVERS	PERCENT MALE DRIVERS OF TOTAL
Alabama	1,506,837	1,501,738	3,008,575	50.08
Alaska	240,275	197,421	437,696	54.90
Arizona	1,324,785	1,298,895	2,623,680	50.49
Arkansas	884,310	866,455	1,750,765	50.51
California	10,616,831	9,506,650	20,123,481	52.76
Colorado	1,328,198	1,262,813	2,591,011	51.26
Connecticut	1,021,768	1,158,546	2,180,314	46.86
Delaware	251,785	254,489	506,274	49.73
Dist. of Col.	191,478	169,590	361,068	53.03
Florida	5,490,828	5,271,213	10,762,041	51.02
Georgia	2,214,796	2,398,499	4,613,295	48.01
Hawaii	394,894	339,487	734,381	53.77
Idaho	376,731	393,672	770,403	48.90
Illinois	3,767,630	3,694,528	7,462,158	50.49
Indiana <sup>1</sup>	1,943,387	1,847,394	3,790,781	51.27
Iowa	940,017	959,413	1,899,430	49.49
Kansas	881,406	892,630	1,774,036	49.68
Kentucky	1,246,427	1,222,565	2,468,992	50.48
Louisiana	1,279,342	1,297,359	2,576,701	49.65
Maine	447,406	458,127	905,533	49.41
Maryland	1,641,632	1,632,760	3,274,392	50.14
Massachusetts	2,106,729	2,054,408	4,161,137	50.63
Michigan	3,241,113	3,286,288	6,527,401	49.65
Minnesota	1,342,219	1,295,239	2,637,458	50.89
Mississippi	812,927	827,374	1,640,301	49.56
Missouri	1,702,151	1,769,989	3,472,140	49.02
Montana	277,297	253,447	530,744	52.25
Nebraska	573,775	567,359	1,141,134	50.28
Nevada	512,065	464,149	976,214	52.45
New Hampshire	440,361	428,199	868,560	50.70
New Jersey	2,899,707	2,559,134	5,458,841	53.12
New Mexico	580,170	568,060	1,148,230	50.53
New York	5,451,041	4,875,594	10,326,635	52.79
North Carolina	2,345,979	2,378,682	4,724,661	49.65
North Dakota	221,304	216,638	437,942	50.53
Ohio	3,822,396	3,812,346	7,634,742	50.07
Oklahoma	1,157,988	1,178,422	2,336,410	49.56
Oregon <sup>1</sup>	1,237,432	1,135,706	2,373,138	52.14
Pennsylvania	4,131,172	3,923,464	8,054,636	51.29
Rhode Island	336,413	338,488	674,901	49.85
South Carolina	1,187,736	1,242,775	2,430,511	48.87
South Dakota	255,068	251,490	506,558	50.35
Tennessee	1,741,564	1,800,967	3,542,531	49.16
Texas	6,074,642	5,801,626	11,876,268	51.15
Utah	595,487	594,106	1,189,593	50.06
Vermont	218,661	211,877	430,538	50.79
Virginia	2,228,009	2,351,657	4,579,666	48.65
Washington	1,888,662	1,810,258	3,698,920	51.06
West Virginia	664,917	637,164	1,302,081	51.07
Wisconsin	1,773,849	1,728,492	3,502,341	50.65
Wyoming	181,852	168,222	350,074	51.95
Total	87,993,449	85,155,864	173,149,313	50.82

<sup>1</sup> Sex segregation estimated by FHWA.

## RATIO OF LICENSED DRIVERS TO POPULATION - 1993

TABLE DL-1B  
OCTOBER 1994

STATE	POPULATION		LICENSED DRIVERS		
	TOTAL RESIDENT <sup>1</sup>  (1,000)	DRIVING AGE (16 AND OVER) <sup>1</sup>  (1,000)	NUMBER	PER 1,000 TOTAL RESIDENT POPULATION	PER 1,000 DRIVING AGE POPULATION
Alabama	4,187	3,233	3,008,575	719	931
Alaska	599	427	437,696	731	1,026
Arizona	3,936	2,971	2,623,680	667	883
Arkansas	2,424	1,862	1,750,765	722	940
California	31,211	23,401	20,123,481	645	860
Colorado	3,566	2,722	2,591,011	727	952
Connecticut	3,277	2,579	2,180,314	665	845
Delaware	700	542	506,274	723	933
Dist. of Col.	578	474	361,068	624	762
Florida	13,679	10,823	10,762,041	787	994
Georgia	6,917	5,268	4,613,295	667	876
Hawaii	1,172	902	734,381	627	814
Idaho	1,099	805	770,403	701	957
Illinois	11,697	8,945	7,462,158	638	834
Indiana <sup>1</sup>	5,713	4,407	3,790,781	664	860
Iowa	2,814	2,161	1,899,430	675	879
Kansas	2,531	1,918	1,774,036	701	925
Kentucky	3,789	2,930	2,468,992	652	843
Louisiana	4,295	3,186	2,576,701	600	809
Maine	1,239	966	905,533	731	937
Maryland	4,965	3,843	3,274,392	660	852
Massachusetts	6,012	4,755	4,161,137	692	875
Michigan	9,478	7,236	6,527,401	689	902
Minnesota	4,517	3,413	2,637,458	584	773
Mississippi	2,643	1,971	1,640,301	621	832
Missouri	5,234	4,014	3,472,140	663	865
Montana	839	633	530,744	632	838
Nebraska	1,607	1,215	1,141,134	710	940
Nevada	1,389	1,069	976,214	703	913
New Hampshire	1,125	869	868,560	772	1,000
New Jersey	7,879	6,177	5,458,841	693	884
New Mexico	1,616	1,186	1,148,230	710	968
New York	18,197	14,188	10,326,635	567	728
North Carolina	6,945	5,423	4,724,661	680	871
North Dakota	635	482	437,942	690	909
Ohio	11,091	8,536	7,634,742	688	894
Oklahoma	3,231	2,456	2,336,410	723	951
Oregon <sup>1</sup>	3,032	2,335	2,373,138	783	1,016
Pennsylvania	12,048	9,480	8,054,636	669	850
Rhode Island	1,000	788	674,901	675	857
South Carolina	3,643	2,794	2,430,511	667	870
South Dakota	715	529	506,558	708	958
Tennessee	5,099	3,970	3,542,531	695	892
Texas	18,031	13,372	11,876,268	659	888
Utah	1,860	1,268	1,189,593	640	938
Vermont	576	447	430,538	748	964
Virginia	6,491	5,065	4,579,666	706	904
Washington	5,255	4,002	3,698,920	704	924
West Virginia	1,820	1,442	1,302,081	715	903
Wisconsin	5,038	3,838	3,502,341	695	912
Wyoming	470	347	350,074	744	1,008
Total	257,908	197,663	173,149,313	671	876

<sup>1</sup>Source: Bureau of the Census.

# DISTRIBUTION OF LICENSED DRIVERS - 1993

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

TABLE DL-20  
OCTOBER 1994

AGE	MALE DRIVERS			FEMALE DRIVERS			TOTAL DRIVERS		
	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION <sup>1</sup>	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION <sup>1</sup>	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION <sup>1</sup>
UNDER 16	19,256	0.0	0.5	17,878	0.0	0.5	37,134	0.0	0.5
16	772,758	0.9	43.1	707,576	0.8	41.9	1,480,334	0.9	42.5
17	1,095,074	1.2	62.4	990,634	1.2	60.1	2,085,708	1.2	61.3
18	1,298,035	1.5	74.6	1,165,513	1.4	70.4	2,463,548	1.4	72.6
19	1,432,245	1.6	80.0	1,282,111	1.5	74.7	2,714,356	1.6	77.4
(19 AND UNDER)	4,617,368	5.2	43.2	4,163,712	4.9	41.0	8,781,080	5.1	42.1
20	1,474,501	1.7	81.1	1,348,009	1.6	77.4	2,822,510	1.6	79.3
21	1,551,672	1.8	82.1	1,468,621	1.7	81.1	3,020,293	1.7	81.6
22	1,755,654	2.0	89.1	1,643,466	1.9	86.3	3,399,120	2.0	87.7
23	1,848,555	2.1	95.1	1,727,899	2.0	91.6	3,576,454	2.1	93.4
24	1,917,746	2.2	99.8	1,801,785	2.1	96.3	3,719,531	2.1	98.1
(20-24)	8,548,128	9.7	89.6	7,989,780	9.4	86.7	16,537,908	9.6	88.2
25-29	9,506,409	10.8	96.5	9,017,911	10.6	92.2	18,524,320	10.7	94.4
30-34	10,498,138	11.9	94.5	10,212,801	12.0	91.4	20,710,939	12.0	93.0
35-39	10,197,325	11.6	94.9	10,048,144	11.8	92.4	20,245,469	11.7	93.7
40-44	9,084,430	10.3	95.7	8,970,619	10.5	92.3	18,055,049	10.4	94.0
45-49	7,714,567	8.8	98.6	7,557,639	8.9	93.2	15,272,206	8.8	95.8
50-54	6,060,765	6.9	97.9	5,904,745	6.9	90.3	11,965,510	6.9	94.0
55-59	5,006,385	5.7	97.7	4,839,817	5.7	87.1	9,846,202	5.7	92.2
60-64	4,615,506	5.2	96.0	4,461,330	5.2	82.1	9,076,836	5.2	88.6
65-69	4,312,138	4.9	95.6	4,263,443	5.0	77.4	8,575,581	5.0	85.6
70 AND OVER	7,832,290	8.9	89.2	7,725,923	9.1	55.2	15,558,213	9.0	68.3
TOTAL	87,993,449	100.0	89.2	85,155,864	100.0	80.3	173,149,313	100.0	87.6

<sup>1</sup> These percentages are computed using population estimates of the Bureau of the Census.

LICENSED MALE DRIVERS, BY AGE - 1993

TABLE DL-22  
SHEET 1 OF 3  
OCTOBER 1994

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>2</sup>	75-79 <sup>2</sup>	80-84 <sup>2</sup>	85 AND OVER <sup>2</sup>	TOTAL
Alabama	104,703	164,103	155,522	164,906	161,420	146,199	128,314	103,807	87,663	79,953	72,990	60,446	39,986	24,326	12,499	1,506,837
Alaska	10,827	23,415	27,692	33,729	35,324	32,678	25,187	17,670	11,816	8,423	6,221	3,994	3,299	-	-	240,275
Arizona	66,217	112,480	127,597	151,336	150,093	138,485	120,157	92,251	75,765	70,501	67,472	59,295	40,883	21,406	30,847	1,324,785
Arkansas	54,508	87,691	85,339	93,734	90,449	83,537	75,557	62,728	53,214	48,979	48,551	41,414	29,923	18,682	10,004	884,310
California	434,195	1,089,358	1,322,699	1,439,525	1,335,686	1,139,864	938,463	702,756	558,981	489,553	429,353	349,188	222,370	115,197	49,643	10,616,831
Colorado	68,203	124,113	144,519	168,017	171,819	157,790	128,548	90,526	69,582	60,780	52,028	42,273	34,834	-	-	1,328,198
Connecticut	51,718	94,236	107,519	114,334	107,626	93,600	89,941	74,879	61,730	59,233	57,029	47,946	34,834	18,396	8,747	1,021,768
Delaware	13,414	23,548	27,418	30,420	28,973	25,108	22,305	17,805	14,509	13,973	13,017	10,381	6,378	3,110	1,426	251,785
Dist. of Col.	5,210	17,442	25,778	28,848	24,924	20,685	17,054	12,776	10,178	8,582	7,469	5,974	3,660	2,081	817	191,478
Florida	207,981	437,316	546,637	632,058	589,370	514,683	452,925	364,532	312,427	319,597	347,065	317,631	235,045	138,898	74,663	5,490,828
Georgia	153,895	284,712	270,459	268,850	244,109	223,091	192,678	146,542	116,711	105,910	87,955	70,474	44,402	23,660	8,164	2,214,796
Hawaii	21,123	36,384	41,614	48,341	47,990	45,297	38,671	27,678	20,506	19,038	18,671	14,718	8,950	4,445	1,468	394,894
Idaho	28,952	35,678	33,807	40,628	43,417	40,446	32,933	26,089	21,120	19,060	18,279	16,178	11,480	6,233	2,431	376,731
Illinois	224,740	356,926	399,847	445,496	438,205	390,450	330,620	268,093	220,450	196,384	181,201	150,067	96,317	68,834	-	3,767,630
Indiana <sup>1</sup>	101,097	188,291	229,760	244,109	221,307	189,888	147,309	117,363	100,689	100,538	95,769	78,913	128,354	-	-	1,943,387
Iowa	62,957	83,063	84,519	98,585	102,949	98,749	81,388	65,750	56,976	52,803	52,866	42,964	30,361	17,444	8,643	940,017
Kansas	62,837	84,488	83,679	97,776	100,216	90,013	74,576	57,629	48,615	45,470	44,654	37,900	27,370	16,296	9,887	881,406
Kentucky	85,714	228,049	141,402	142,357	131,992	115,360	91,416	76,458	67,495	62,047	48,122	30,875	17,041	8,099	-	1,246,427
Louisiana	83,478	126,239	131,996	144,870	148,218	134,128	114,545	91,049	76,168	68,563	63,926	47,895	28,285	14,506	5,476	1,279,342
Maine	20,994	38,488	41,695	49,642	51,703	49,309	43,411	32,117	26,592	25,027	23,488	21,480	18,285	-	-	447,406
Maryland	70,351	143,223	178,786	207,831	199,067	176,525	159,130	125,451	97,809	84,074	74,819	59,214	37,879	18,838	8,635	1,641,632
Massachusetts	85,197	196,980	243,473	266,863	248,464	217,499	187,058	141,782	114,123	109,493	104,121	84,973	59,012	32,027	15,664	2,106,729
Michigan	209,572	318,251	329,596	368,034	371,428	336,290	285,987	231,078	184,584	167,706	161,941	125,982	84,731	44,313	21,620	3,241,113
Minnesota	75,556	107,112	112,109	152,844	158,768	147,456	122,826	98,240	79,587	72,480	68,946	59,223	44,639	27,028	15,405	1,342,219
Mississippi	58,799	87,715	77,948	85,928	86,727	79,891	70,095	56,661	49,621	43,980	41,548	33,379	22,836	14,162	7,637	812,927
Missouri	108,025	129,611	162,487	195,006	192,347	172,827	150,043	124,601	104,803	97,718	92,788	75,237	51,294	30,264	15,300	1,702,151
Montana	48,570	24,890	24,718	29,428	30,525	29,779	24,289	18,765	15,026	13,736	13,488	12,137	9,839	6,615	5,492	277,297
Nebraska	42,603	55,399	55,193	64,112	64,114	57,194	47,647	37,117	32,552	29,978	29,253	24,387	34,726	-	-	573,775
Nevada	24,574	44,650	54,872	61,482	58,941	53,369	47,918	39,109	32,467	29,561	26,309	38,813	-	-	-	512,065
New Hampshire	22,510	38,529	45,712	55,868	55,586	48,739	41,740	31,226	23,912	21,858	19,815	15,674	10,665	5,697	2,730	440,361
New Jersey	127,563	298,610	319,444	336,806	319,367	258,196	200,325	174,241	188,862	192,160	163,853	265,280	215,529	146,093	-	2,899,707
New Mexico	44,091	55,779	58,345	68,273	66,731	61,967	51,490	39,427	33,002	30,559	26,929	22,048	21,529	-	-	580,170
New York	223,931	489,379	586,536	660,979	638,773	567,985	495,272	397,250	327,958	303,739	278,131	219,664	146,093	115,351	-	5,451,041
North Carolina	113,216	237,688	256,433	274,907	264,467	241,329	215,073	168,954	139,169	124,724	117,418	92,342	57,908	29,775	12,576	2,345,979
North Dakota	18,208	20,805	19,467	22,708	24,440	22,914	17,936	13,732	12,220	11,854	11,801	9,814	7,881	4,927	2,597	221,304
Ohio	209,096	389,231	399,545	437,897	438,873	393,763	327,240	264,710	223,383	212,419	200,448	155,194	101,445	51,352	23,800	3,822,396
Oklahoma	85,636	117,167	112,458	127,106	126,768	113,128	99,590	80,546	68,209	61,204	57,524	47,133	31,938	18,795	10,786	1,157,988
Oregon <sup>1</sup>	69,311	124,927	128,277	139,383	142,558	135,649	108,536	79,847	62,677	59,716	60,360	53,336	37,945	22,767	12,143	1,237,432
Pennsylvania	174,945	351,504	389,196	439,009	459,729	423,171	367,919	298,129	251,437	245,975	252,921	211,025	149,188	80,465	36,559	4,131,172
Rhode Island	16,003	29,077	34,240	39,485	39,668	35,463	30,841	23,146	18,502	18,119	19,027	15,311	10,115	5,221	2,195	336,413
South Carolina	70,397	121,696	127,233	135,854	131,769	123,205	109,967	86,662	69,665	62,090	57,194	45,757	27,580	13,363	5,304	1,187,736
South Dakota	103,173	233,926	237,722	277,889	271,988	258,864	228,286	158,866	137,784	133,548	131,814	121,119	8,688	5,438	3,164	2,550,068
Tennessee	190,042	366,236	372,655	418,490	418,893	378,759	310,519	245,270	207,409	196,270	187,409	159,432	118,839	65,389	-	1,741,564
Texas	324,040	637,523	702,216	787,645	756,117	651,384	542,299	410,504	326,269	283,799	246,120	191,509	118,839	65,389	-	6,074,642
Utah	69,712	72,187	66,392	68,373	66,795	58,180	46,187	35,559	28,700	25,354	23,518	19,300	13,788	7,633	3,809	595,487
Vermont	12,139	19,806	21,217	24,922	26,372	25,014	21,428	16,063	12,181	10,873	10,006	7,931	5,569	3,215	1,926	218,661
Virginia	111,717	226,873	261,922	275,971	254,977	228,672	204,432	158,874	124,473	109,504	98,980	80,330	51,949	27,217	12,227	2,228,009
Washington	97,507	173,520	195,848	225,064	229,615	213,255	182,482	136,251	103,442	89,791	81,787	70,901	49,703	26,913	12,583	1,888,662
West Virginia	39,218	68,001	62,403	64,487	69,350	68,492	57,749	45,851	39,681	37,493	39,174	24,204	22,737	14,669	11,408	664,917
Wisconsin	104,940	163,945	183,528	208,784	206,901	188,322	153,574	119,358	99,861	92,516	88,127	70,037	50,967	28,416	14,573	1,773,849
Wyoming	14,863	17,868	15,940	19,250	22,233	20,989	16,790	12,748	10,020	8,801	8,443	6,399	4,179	2,302	1,027	181,852
Total	4,617,368	8,548,128	9,506,409	10,498,138	10,197,325	9,084,430	7,714,567	6,060,765	5,006,385	4,615,506	4,312,138	3,742,557	2,329,817	1,245,052	514,864	87,993,449

<sup>1</sup> Age/sex distribution estimated by FHWA.  
<sup>2</sup> Data for older age groups may be included for those states for which there is no further age breakout.  
<sup>3</sup> Where dash appears, age group data not available and is included with last reported column value to the left.



LICENSED FEMALE DRIVERS, BY AGE - 1993

TABLE DL-22  
SHEET 2 OF 3  
OCTOBER 1994

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>2</sup>	75-79 <sup>2</sup> 3	80-84 <sup>2</sup> 3	85 AND OVER <sup>2</sup> 3	TOTAL
Alabama	94,617	154,425	152,425	167,774	166,854	149,029	128,756	103,786	89,436	80,568	75,495	61,573	41,808	24,453	10,739	1,501,738
Alaska	8,942	19,969	24,158	29,872	31,141	26,494	19,159	13,117	8,475	6,115	4,493	3,034	2,452	-	-	197,421
Arizona	57,873	105,163	121,866	149,318	148,935	134,888	116,082	92,275	75,099	68,911	69,382	62,255	42,446	22,680	31,722	1,298,895
Arkansas	48,750	81,077	91,624	92,360	91,166	83,859	74,377	62,273	53,258	50,288	48,715	41,979	30,239	17,871	8,259	866,455
California	366,478	888,119	1,085,564	1,247,430	1,203,428	1,056,240	873,367	650,666	506,802	448,589	432,959	353,959	228,214	118,786	46,329	9,506,650
Colorado	62,823	112,015	129,495	160,381	164,114	149,799	120,311	86,936	67,217	58,855	53,887	46,980	37,800	19,129	7,816	1,282,813
Connecticut	48,031	95,244	119,684	136,753	135,287	119,372	110,146	86,684	67,068	61,074	52,020	42,978	31,256	19,445	10,402	1,158,546
Delaware	13,564	23,083	28,130	30,954	29,580	25,586	22,510	17,958	14,542	13,808	12,337	10,629	6,582	3,224	-	254,489
Dist. of Col.	3,740	14,636	23,369	23,867	21,277	18,901	16,372	12,041	8,895	7,622	7,220	5,826	3,480	1,668	676	169,590
Florida	193,000	417,883	520,491	602,551	571,518	502,592	439,667	359,058	309,004	312,057	342,455	305,990	218,243	123,059	53,645	5,271,213
Georgia	141,900	254,057	289,525	305,054	286,387	257,400	212,551	157,057	127,288	109,255	96,588	76,735	49,445	26,700	8,557	2,398,499
Hawaii	17,541	31,034	37,423	43,959	44,328	40,775	33,900	23,410	17,500	16,775	15,106	9,968	5,312	1,923	533	339,487
Idaho	30,794	38,374	37,056	42,356	44,266	42,373	35,626	27,604	22,404	19,324	18,270	15,427	11,068	6,074	2,656	393,672
Illinois	208,975	344,621	388,406	442,445	436,569	388,445	329,799	264,994	212,033	188,054	178,209	147,242	98,685	65,851	-	3,694,528
Indiana <sup>1</sup>	91,208	173,383	216,266	230,396	207,963	182,514	140,600	112,740	97,478	97,284	94,691	79,224	123,647	-	-	1,847,394
Iowa	61,417	82,798	83,462	101,203	103,295	79,794	65,678	55,448	58,409	55,448	55,227	47,978	36,522	21,706	9,907	959,413
Kansas	58,912	79,788	80,854	99,331	100,340	88,772	73,345	57,803	49,479	47,684	47,001	42,948	33,718	21,025	11,610	892,630
Kentucky	77,076	224,480	144,615	145,465	132,180	113,102	89,707	72,886	64,270	58,584	46,354	30,405	16,735	6,706	-	1,222,565
Louisiana	76,572	125,439	135,511	153,961	154,570	138,103	116,121	92,340	76,179	68,509	63,557	48,187	28,860	14,591	4,859	1,297,359
Maine	20,504	42,614	46,318	53,559	54,391	49,700	41,259	30,612	25,225	24,334	23,560	16,051	-	-	-	458,127
Maryland	64,534	137,396	180,829	210,235	203,552	184,437	162,985	123,269	92,298	78,694	73,512	59,416	36,940	17,786	6,877	1,632,760
Massachusetts	76,021	185,254	234,060	257,333	244,479	219,940	186,947	140,180	109,974	106,317	103,433	86,723	60,402	32,628	-	2,054,408
Michigan	195,608	311,381	328,038	374,315	381,887	342,192	289,496	231,196	186,317	171,738	166,520	138,207	96,877	50,760	21,756	3,286,288
Minnesota	73,855	100,803	103,828	151,011	156,052	143,037	119,220	94,698	76,142	68,502	66,046	57,953	45,025	26,505	12,562	1,295,239
Mississippi	52,791	82,315	80,959	92,438	92,452	83,067	70,709	57,568	49,713	44,774	42,279	34,350	23,357	14,432	6,170	827,374
Missouri	96,983	155,291	165,740	200,388	198,708	179,542	155,534	128,457	106,509	99,869	95,500	80,622	57,820	34,100	14,925	1,769,989
Montana	16,341	21,740	22,294	27,957	29,701	27,446	21,411	16,796	13,888	12,746	12,262	11,147	9,272	6,085	-	253,447
Nebraska	39,217	53,029	52,642	63,719	63,126	57,502	46,306	36,373	31,942	30,377	29,057	25,304	38,765	-	-	567,359
Nevada	22,346	41,742	49,756	56,007	54,844	49,137	43,952	35,122	28,510	24,925	23,509	34,299	-	-	-	464,149
New Hampshire	21,707	38,141	45,198	55,517	54,050	46,916	39,984	29,033	22,478	20,330	19,715	15,814	10,919	5,793	2,604	428,199
New Jersey	104,984	266,577	349,399	304,607	301,849	245,110	182,340	153,835	169,238	177,948	141,844	141,404	20,641	-	-	2,559,134
New Mexico	39,786	54,318	57,786	68,681	68,151	61,682	50,647	38,767	31,988	28,696	26,141	20,776	-	-	-	568,060
New York	185,530	426,492	526,913	593,665	575,002	521,317	462,889	368,814	289,126	264,141	246,348	196,050	130,138	89,169	-	4,875,594
North Carolina	102,283	224,772	254,679	277,389	251,284	220,343	171,711	143,867	129,009	121,123	95,995	61,152	31,259	11,381	-	2,378,682
North Dakota	16,596	20,325	19,165	23,259	24,616	16,826	13,096	13,096	12,256	11,958	11,462	9,995	8,316	5,191	-	216,638
Ohio	187,318	362,763	392,006	441,365	443,171	396,740	329,653	268,606	224,012	210,178	202,398	163,637	109,926	57,258	23,315	3,812,346
Oklahoma	77,942	110,561	108,397	127,247	127,786	114,442	101,532	82,260	70,266	64,855	61,822	52,632	39,211	25,404	14,065	1,178,422
Oregon <sup>1</sup>	60,809	104,139	107,949	126,998	134,022	127,328	101,348	74,681	59,489	58,176	58,977	51,947	37,107	22,278	11,056	1,135,706
Pennsylvania	151,483	327,131	376,614	436,166	456,753	415,489	356,910	284,918	237,616	230,022	235,167	195,867	132,618	64,868	21,842	3,923,464
Rhode Island	15,238	29,682	35,675	40,518	40,234	34,636	29,956	22,897	18,348	18,012	19,435	15,919	10,685	5,424	1,829	338,488
South Carolina	63,217	123,819	135,136	147,571	144,623	132,403	113,180	88,419	71,869	64,044	59,903	48,170	29,776	15,082	5,563	1,242,775
South Dakota	18,072	23,445	22,674	27,336	27,336	24,500	18,935	15,567	13,981	14,136	13,717	12,357	9,724	6,395	3,268	251,490
Tennessee	96,915	159,383	182,214	204,062	204,764	188,593	165,216	131,926	109,121	97,195	89,583	72,661	48,831	40,503	-	1,800,967
Texas	284,874	569,875	638,313	739,964	719,654	628,605	519,906	392,083	313,587	275,873	251,458	205,017	139,925	84,092	38,404	5,801,626
Utah	59,011	73,474	63,403	67,907	66,647	57,983	45,917	35,590	28,922	28,560	23,799	20,123	14,329	8,137	3,304	594,106
Vermont	11,320	18,621	20,781	24,785	26,064	24,324	19,877	14,645	11,311	10,317	9,787	8,131	6,014	3,741	2,159	111,877
Virginia	111,006	231,113	278,575	299,159	283,945	253,895	219,895	165,864	126,465	109,473	100,388	81,267	51,522	27,880	11,210	2,351,657
Washington	88,422	161,204	183,745	217,429	225,686	209,075	174,919	126,774	96,053	84,289	82,584	72,392	49,871	27,151	10,664	1,810,258
West Virginia	34,771	63,396	61,476	67,089	71,186	67,622	54,573	43,825	38,422	36,525	35,400	20,618	19,368	12,469	10,324	637,164
Wisconsin	98,778	157,819	178,914	206,156	201,860	180,741	147,673	116,478	96,806	89,540	85,627	71,922	53,784	29,947	12,447	1,728,492
Wyoming	13,237	15,577	14,511	18,855	20,966	18,951	14,711	11,379	9,242	8,508	7,716	6,323	4,599	2,538	1,113	168,222
Total	4,163,712	7,989,780	9,017,911	10,212,801	10,048,144	8,970,619	7,557,639	5,904,745	4,839,817	4,461,330	4,263,443	3,645,448	2,372,166	1,242,321	465,988	85,155,864

<sup>1</sup> Age/sex distribution estimated by FHWA.

<sup>2</sup> Data for older age groups may be included for those states for which there is no further age breakout.

<sup>3</sup> Where dash appears, age group data not available and is included with last reported column value to the left.

TOTAL LICENSED DRIVERS, BY AGE - 1993

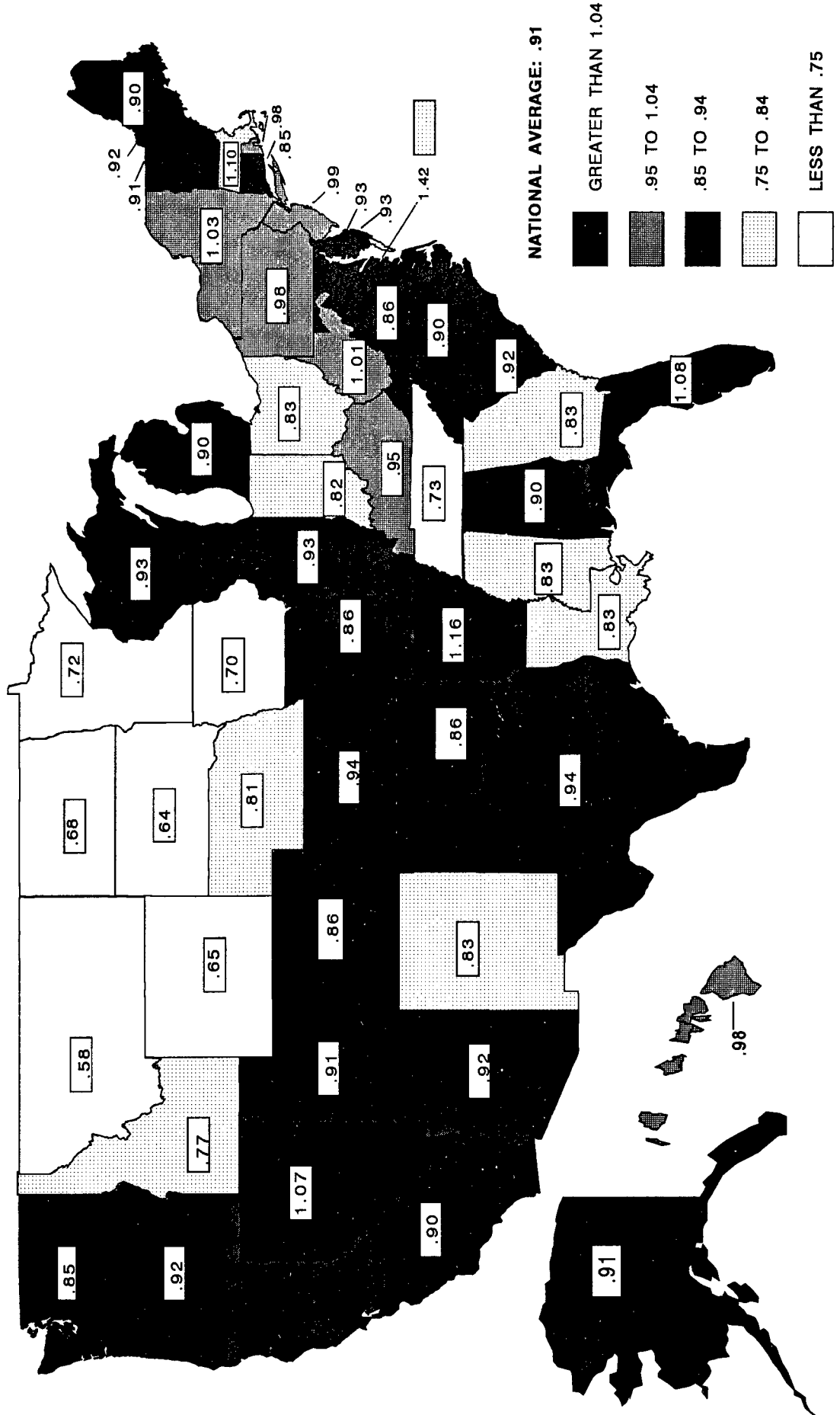
TABLE DL-22 SHEET 3 OF 3 OCTOBER 1994

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

Table with columns for 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, 75-79, 80-84, 85 AND OVER, and TOTAL. Rows list states from Alabama to Wyoming, plus a Total row.

1 Age/sex distribution estimated by FHWA. 2 Data for older age groups may be included for those states for which there is no further age breakout. 3 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 - 1993



I

## HIGHWAY FINANCE

The tables in this section show highway receipts, disbursements, debt status, and other financial information of Federal, State, and local governments. Federal and State highway finance data are for 1993. Highway finance data for local governments are for 1992.

### COMBINED FINANCES

The first tables in this section give combined summaries of highway finances for all levels of government. The summary tables are followed by specialized tables showing Federal, State, and local government data separately. While intergovernmental transfers have been eliminated from the summary tables, the specialized tables are not additive without appropriate adjustments for intergovernmental payments. For example, Federal payments to States for highways are reported as an expenditure on the Federal tables, while the States' expenditure of those funds are reported as expenditures on the State finance tables.

Table HF-10 combines, for all levels of government, receipts and disbursements for highways (with local government data and some Federal data estimated). Table HF-10 also includes information on gross collections and disposition of highway-user revenue and identifies intergovernmental payments by level of government. Table HF-10a revises table HF-10 as published in *Highway Statistics, 1992*. Table HDF presents total collections of highway-user imposts and distribution of highway-user revenue to highway and other purposes by State. Tables HF-1 and HF-2 eliminate intergovernmental payments and summarize total receipts and disbursements for highways by State in 1992, the latest year finance data for all levels of government are available. Table HB-2 summarizes the highway debt status of State and local governments.

### FEDERAL FINANCING

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). 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. On Federal-aid highway projects, a State develops the plans, lets the contracts, and supervises the construction. The roads remain under the administrative control of the State or local government responsible for their operation and maintenance.

### Evolution of the Federal-aid Program

Although Federal aid for highways began in the late 1800's, Federal assistance was not provided uniformly to all States with the purpose of developing an integrated network of highways until 1916. In 1921, Federal aid was restricted to a limited connected system of principal roads which became 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. Part of the authorized funding was specifically earmarked for urbanized areas with a population of 200,000 or more.

The Eisenhower 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. Subsequent legislation has extended the Interstate authorizations.

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 began in 1970.

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 (4R) and funding was substantially increased. Under the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), resurfacing, restoration and rehabilitation are funded under the Interstate Maintenance (IM) program. The Federal share of IM projects is 90 percent.

The ISTEA eliminated the Federal-aid Primary, Secondary, and Urban systems and created the National Highway System (NHS). When the NHS is designated by Congress (an interim designation is in use until that time), it will include the existing Interstate System routes, a large percentage of urban and rural principal arterials, the defense

strategic highway network, and strategic highway connectors.

The ISTEA also created a new flexible funding program, the Surface Transportation Program (STP), that can be used for roads and streets not functionally classified as local or rural minor collectors, for bridges on any public road, and for transit capital projects.

### The Federal Highway Trust Fund

The Federal Highway Trust Fund (HTF) is the funding source for the Federal-aid highway program. The HTF was established by the Highway Revenue Act of 1956. Changes in the Federal excise tax structure have occurred periodically. Table FE-101 provides an historical summary of Federal excise tax rates, including rates currently in effect. Table FE-21 provides additional detail on the Federal motor-fuel taxes.

Effective April 1983, the Highway Revenue Act of 1982 created the Mass Transit Account within the Highway Trust Fund. The Act provided that the equivalent of one cent per gallon of the motor-fuel taxes would be deposited in the Mass Transit Account for transit system capital expenditures. Tables FE-101 and FE-21 trace the history of the taxes dedicated to the Mass Transit Account.

Tables in the FE series do not include Federal fuel tax revenue that are not deposited in the Highway Trust Fund. Such taxes include the levy dedicated to the Leaking Underground Storage Tank Trust Fund, which is administered by the Environmental Protection Agency, and the portion of fuel taxes dedicated to the reduction of the national debt. The receipts from gasoline consumed in motorboats are transferred from the Highway Trust Fund to the Aquatic Resources Trust Fund and the Land and Water Conservation Fund, which are administered by the U.S. Department of the Interior.

Federal Highway Trust Fund revenue are derived from various Federal excise taxes on highway users. The attribution of these revenues to highway users in each State is shown in table FE-9. Since these revenues cannot be directly related to payments by highway users in each State, the receipts attributable to highway users in each State are estimated by the FHWA based on highway fuel consumption.

Table FE-221 shows a comparison, by State, of HTF Highway Account 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 Highway Account in the HTF. Table MF-27 shows the 1992 highway motor fuel gallonage used to attribute the 1993 HTF receipts to the States on table FE-221.

### Federal Aid to State and Local Governments

The Federal-aid highway program 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, relative costs (needs), and the percent share of prior (FY 1987 to FY 1991) apportioned funds. Certain programs administered by the FHWA are funded from Federal general funds. Other Federal agencies may transfer funds to the FHWA to administer for highway improvement projects. Details of the Federal-aid funding process can be found in the FHWA publication, *Financing Federal-aid Highways*.

Annual appropriations of Federal-aid funds for the various programs are apportioned among the States using the formulas shown in table FA-4A. For most programs, these funds are matched by State or local governments on an 80 percent Federal share to a 20 percent State share basis. 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.

State and local governments also receive funds for their highway activities from programs administered by other Federal agencies. Some Federal funds are distributed through State governments to local governments. Federal agencies direct work on highways represents only a small portion of Federal assistance to highways. The different Federal assistance programs for highways are summarized in table F-106 in the FHWA publication *Highway Taxes and Fees, How They Are Collected and Distributed*.

Payments to contractors for work on Federal-aid projects are initially made from State or local funds. The Federal share is reimbursed to the States as work progresses. The final reimbursement payment is made after completion of the project.

Most payments are reimbursements to the States. Some funds are expended directly by FHWA. Tables FA-3, FA-5, and FA-5A provide information on the expenditure of Federal funds. The FA-4 table series and table FA-6 provide information on the apportionment and obligation of Federal funds. Table FA-10 provides information on Federal-aid highway program accomplishments for Federal-aid projects initiated in fiscal year 1993.

Obligation of STP funds for projects off the NHS are included in the summary tables STP-1 and STP-1A. These tables are intended to show expected products or accomplishments to be achieved with this category of Federal-aid highway funds.

## STATE FINANCING

The SF and SB table series show the highway finance activities and debt status of State highway agencies. 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 table series provides details of the highway debt transactions of the States.

The MT table series shows State mass transit activities. Tables MT-1A and MT-1B replace table SMT. The new tables show State funding for direct State mass transit activities and State grants-in-aid for mass transit. Additional tables show Federal Transit Administration (FTA) information on mass transit operators.

### State aid to local governments

States provide assistance to the highway, road, and street programs of local governments primarily through the transfer or sharing of highway-user revenue. State aid is not limited to highway-user revenue. Many States transfer other State revenue, redistribute Federal funds, and perform work on local roads and streets.

For uniformity in the FHWA's analyses, all State-imposed taxes and fees on highway-users are considered to be collected and distributed by the States. The local governments' shares of State highway-user revenue, if any, are shown as intergovernmental payments from the State. Local governments may collect State motor-vehicle registration fees and retain their local share. The FHWA's analysis attributes the total highway-user revenue to the State and shows any amounts retained by local governments as transfers from the State.

In 1993, the statutes of 45 States provided for the sharing of State-collected highway-user tax revenue with local governments for road and street purposes. This assistance is in the form of direct grants-in-aid and shared revenue. Alaska, Georgia, New York, Rhode Island, and West Virginia did not have such a statute.

Some transactions that involve a transfer of funds from States to local governments are shown as direct State expenditures, rather than as intergovernmental payments. These transactions include: (1) amounts paid to local governments under contractual agreements for construction or maintenance work on the State highway system for the State highway agency; and (2) payments on local debt

obligations assumed by the State as reimbursement for the cost of local roads added to the State highway systems.

Numerous other State transactions or activities benefiting local governments do not involve a transfer of funds and are not treated as intergovernmental payments. These transactions include: (1) advisory, consulting, and supervisory services, engineering assistance, and aid-in-kind (e.g., free provision of road materials or loans of equipment); (2) State assumption of the responsibility for construction and maintenance of former county roads or municipal streets; (3) direct State payments for materials or to contractors for the State's share of the cost of joint State-local projects on local road systems; and (4) direct work by the State on locally controlled roads and streets.

## LOCAL FINANCING

The highway finance activities of local governments are shown in the LGF table series. Debt status for local governments is given in table LGB-2. Table LGF-21 consolidates and summarizes all highway receipts and disbursements of local governments. Some States use sampling to develop highway finance data for local governments.

### Local government transfers to State

Receipts and disbursements on Federal-aid projects are usually considered transactions of the State. However, local funds may be expended on such projects. When local governments provide the matching share and the State administers the project, the payments to the State are considered to be intergovernmental transfers.

In some States, a portion of the local share of State tax revenue is not paid directly to local governments. The revenue is retained by the State to match Federal funds for locally controlled road and street projects, or to reimburse the State for work performed at the request of the local government. When the State retains such tax revenue, the transactions do not appear as intergovernmental payments in the State or local finance series of tables.

## CLASSIFICATION OF HIGHWAY RECEIPTS

Highway receipts include highway-user revenue and all other receipts expended for highway purposes, regardless of source. Tables HDF, DF, MF-3, MV-3, and LDF show the total of highway-user revenue from motor-fuel and motor-vehicle taxation regardless of their use for highway or nonhighway purposes.

### Funds attributable to highway users

Highway-user revenue are taxes and fees levied on the owners and operators of motor vehicles for their use of public highways. These imposts include: motor-fuel taxes, registration fees; driver license fees; weight-distance taxes; titling taxes; and tolls. Fines and penalties for registration violations and vehicle size and weight violations are also included as highway-user revenue.

Regional gasoline taxes are considered to be local highway-user taxes until levied uniformly throughout the State.

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. Some States distribute revenue from off-highway use to off-highway programs. Some States exempt or refund the tax for Federal and other public use, for transit bus operations, and, in at least one State, for fuel consumed on toll roads.

Tables HDF, DF, MF-3, MV-3 and LDF show the disposition of highway-user revenue. These tables include funds allocated for collection expenses, nonhighway purposes, and mass transit programs.

Most States have legislatively provided for the allocation of highway-user revenue to highway purposes. When revenue are not dedicated to specific purposes and are mixed with other revenue, it is impossible to precisely identify how revenue from particular sources are used. For those States, the revenue are proportionally assigned from motor-fuel and motor-vehicle derived highway-user revenue to highway expenditures.

Some States allocate highway-user revenue to the State general fund and appropriate general funds to highway purposes. Since revenue deposited into general funds lose their identity, highway-user revenue are considered to be expended for highway purposes before unspecified general funds are appropriated for highway activities. In the FHWA analyses, general fund appropriations have been offset, to the extent possible, against the allocations of highway-user revenue for nonhighway funds or purposes. Table DF presents information on the general fund offset used in allocating State highway-user revenue. Since collection expenses are considered a cost to produce highway-user revenue, highway-user revenue are substituted for general funds that were appropriated for collection expenses.

Table MF-106 provides the legislative or administrative provisions for allocating State motor-fuel taxes. Table MV-106 provides similar information for State motor-vehicle registration fees, driver-license fees, and motor-carrier taxes. These tables are published in the FHWA

publication, *Highway Taxes and Fees, How They Are Collected and Distributed*.

### Other taxes and fees

Not all taxes paid by highway users are classified as highway-user revenue. Sales and use taxes, gross receipts taxes, and ad valorem property taxes are not considered highway-user imposts when such taxes are a part of general tax structures and are applied to a variety of commodities, operations, and commercial activities that are not related to highways. Although parking revenue are closely related to tolls, they are not considered highway-user revenue.

Special assessments and property taxes are used by local governments to finance local road and street programs. Special assessments and property taxes are usually commingled with other local revenue in a general fund from which appropriations are made for highways and 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. Miscellaneous State taxes, fees, and appropriations that are specifically allocated for highways are shown in table S-106 of the FHWA publication, *Highway Taxes and Fees, How They Are Collected and Distributed*.

### Investment income and miscellaneous receipts

By investing surplus or unused highway funds, many highway agencies are able to realize interest income or profit on the purchase and sale of securities. Other miscellaneous income includes: rentals; private donations (including cash contributions and transfers of real property); and permit fees.

### Income from sale of bonds and notes

Short-term note issues (a maturity of 2 years or less) have been omitted from all revenue and expenditure tables. Although local governments use short-term debt financing frequently, short-term note issues and redemptions are only included in table LGB-2 for the local finance (LGF) table series. Note interest payments for short-term debt are included in the highway finance summary tables.

Tables that give details of State obligations (SB table series) and local obligations (table LGB-2) have been included. Some bond issues combine borrowing for more than one purpose. The highway share of combined debt in the tables may be estimated.

Additional tables present detailed information included in tables SB-2 and SB-3 on State bonds issued for toll facilities, tables SB-2T and SB-3T, and State issues for local



roads and streets, tables SB-2L and SB-3L. For local obligations, table LGB-2T presents information on local toll facility issues included in table LGB-2.

### **CLASSIFICATION OF HIGHWAY EXPENDITURES**

Expenditures for highways have been grouped into the following major classes: capital outlay; maintenance, highway and traffic services; administration; highway law enforcement and safety; debt service; 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. Maintenance costs are those required to keep highways in usable condition.

Highway and traffic services costs are those associated with the operation and management of highways. These costs

are classified into three types: (1) traffic control operations including expenditures for operating traffic control and surveillance systems for monitoring and controlling traffic flow, (2) the cost of snow and ice removal, and (3) miscellaneous costs for highway beautification, litter control, vegetation management, erosion control, and air quality programs.

Administration costs are the general expenses of administering a State or local highway program, including general overhead, engineering, and research costs that are not assignable to specific road projects. They also include: expenses associated with highway planning and research, highway litigation, and highway publications.

Highway law enforcement and safety expenditures are categorized as: traffic supervision activities of State highway patrols; programs for driver education and training and motorcycle safety; vehicle inspection programs; and enforcement of vehicle size and weight limitations. General police expenses associated with drug interdiction, criminal investigation, and security activities are excluded from the tables.

FUNDING FOR HIGHWAYS AND DISPOSITION OF HIGHWAY-USER REVENUES, ALL UNITS OF GOVERNMENT, 1993<sup>1</sup>DATA COMPILED FROM REPORTS OF FEDERAL  
STATE AND LOCAL AUTHORITIES

(MILLIONS OF DOLLARS)

TABLE HF-10  
OCTOBER 1994

ITEM	FEDERAL GOVERNMENT			STATE AGENCIES AND D.C.	LOCAL GOVERN- MENTS <sup>3</sup>	TOTAL
	HIGHWAY TRUST FUND HIGHWAY ACCOUNT	OTHER FUNDS AND ACCOUNTS <sup>2</sup>	TOTAL FEDERAL			
DISPOSITION OF HIGHWAY-USER REVENUE BY COLLECTING AGENCIES						
Net Collections: <sup>4</sup>	16,046	5,223	21,269	47,108	2,365	70,742
Less: Amount for Nonhighway Purposes <sup>5</sup>	-	(3,231)	(3,231)	(6,295)	(235)	(9,761)
Less: Amount for Mass Transportation	(175)	(1,988)	(2,163)	(2,269)	(560)	(4,992)
Less: Amount for Collection Expenses <sup>6</sup>	-	-	-	(2,654)	-	(2,654)
Less: Amount for Territories <sup>7</sup>	(95)	(4)	(99)	-	-	(99)
Net Used for Highway Purposes	15,776	-	15,776	35,890	1,570	53,236
REVENUES USED FOR HIGHWAYS - BY COLLECTING AGENCIES						
Highway User Revenues:						
Motor-Fuel and Vehicle Taxes	15,776	-	15,776	32,743	1,085	49,604
Tolls	-	-	-	3,147	485	3,632
Subtotal	15,776	-	15,776	35,890	1,570	53,236
Other Taxes and Fees:						
Property Taxes and Assessments	-	-	-	-	4,830	4,830
General Fund Appropriations	-	1,371	1,371	1,655	9,690	12,716
Other Taxes and Fees	-	240	240	1,643	1,105	2,988
Subtotal	-	1,611	1,611	3,298	15,625	20,534
Investment Income and Other Receipts	817	-	817	2,093	3,065	5,975
Total Current Income	16,593	1,611	18,204	41,281	20,260	79,745
Bond Issue Proceeds <sup>8</sup>	-	-	-	4,017	3,543	7,560
Grand Total Receipts	16,593	1,611	18,204	45,298	23,803	87,305
Intergovernmental Payments:						
Federal Government:						
Highway Trust Fund	(15,765)	-	(15,765)	15,558	207	-
All Other Funds	-	(1,294)	(1,294)	577	717	-
State Agencies:						
Highway-User Imposts	-	-	-	(8,621)	8,621	-
All Other Funds	-	-	-	(470)	470	-
Local Governments	-	-	-	1,308	(1,308)	-
Subtotal	(15,765)	(1,294)	(17,059)	8,352	8,707	-
Funds Drawn from or Placed In Reserves <sup>9</sup>	(222)	-	(222)	(777)	233	(766)
Total Funds Available	606	317	923	52,873	32,743	86,539
DISBURSEMENTS FOR HIGHWAYS - BY EXPENDING AGENCIES						
Capital Outlay:						
On State-Administered Highways	-	-	-	28,275	-	28,275
On Locally Administered Roads	-	-	-	1,599	9,527	11,126
Not Classified by System	168	156	324	-	-	324
Subtotal	168	156	324	29,874	9,527	39,725
Maintenance and Traffic Services:						
On State-Administered Highways	-	-	-	9,485	-	9,485
On Locally Administered Roads	-	-	-	44	13,763	13,807
Not Classified by System	-	68	68	-	-	68
Subtotal	-	68	68	9,529	13,763	23,360
Administration and Research	438	93	531	4,656	2,700	7,887
Highway Law Enforcement and Safety	-	-	-	3,865	3,273	7,138
Interest on Debt	-	-	-	2,155	1,448	3,603
Total Current Disbursements	606	317	923	50,079	30,711	81,713
Bond Retirements <sup>8</sup>	-	-	-	2,794	2,032	4,826
Grand Total Disbursements	606	317	923	52,873	32,743	86,539

<sup>1</sup> This table summarizes data reported in greater detail in the FA, SF, SB, LGF, and LGB table series. Some data are preliminary. Table HF-10A contains final data for all units of government for 1992.

<sup>2</sup> Includes the Mass Transit Account of the Highway Trust Fund. Also includes Federal Highway Administration activities funded by general funds and all other agencies and funds that make appropriations for highways or that receive highway-user revenues. See Table FA-5 for additional information.

<sup>3</sup> Data for local governments are estimated.

<sup>4</sup> Represents gross receipts less refunds and loss allowances.

<sup>5</sup> Federal column amount represents net collections less transfers to the Highway and Mass Transit Accounts of the Highway Trust Fund. Due to timing differences between collections and transfers to the Highway Trust Fund, the amount will not correspond exactly to distributions for deficit reduction and for the Leaking Underground Storage Tank Fund.

<sup>6</sup> Includes only those collection and administrative costs paid from motor-fuel and motor-vehicle tax receipts. Operational costs of toll facilities are reported as traffic services. Federal collection expenses are excluded since they are paid for by the General Fund. Local expenses are excluded, because local motor-fuel and motor-vehicle tax data are reported net of collection expenses.

<sup>7</sup> Amounts shown represent Federal payments to territories, and Federal expenditures in territories for highways and mass transit. Territories' funding for highways are excluded from the highway finance table series. See Tables TER-1 and PR-1 for details on territories.

<sup>8</sup> Proceeds and redemptions of short-term notes and refunding issues are excluded.

<sup>9</sup> Negative numbers indicate that funds were placed in reserves.

FUNDING FOR HIGHWAYS AND DISPOSITION OF HIGHWAY-USER REVENUES, ALL UNITS OF GOVERNMENT, 1992 REVISED<sup>1</sup>DATA COMPILED FROM REPORTS OF FEDERAL,  
STATE AND LOCAL AUTHORITIES

(MILLIONS OF DOLLARS)

TABLE HF-10A  
SEPTEMBER 1994

ITEM	FEDERAL GOVERNMENT			STATE AGENCIES AND D.C.	LOCAL GOVERNMENTS <sup>3</sup>	TOTAL
	HIGHWAY TRUST FUND HIGHWAY ACCOUNT	OTHER FUNDS AND ACCOUNTS <sup>2</sup>	TOTAL FEDERAL			
DISPOSITION OF HIGHWAY-USER REVENUE BY COLLECTING AGENCIES						
Net Collections: <sup>4</sup>	15,664	4,835	20,499	44,963	2,237	67,699
Less: Amount for Nonhighway Purposes <sup>5</sup>	-	(3,766)	(3,766)	(4,883)	(180)	(8,829)
Less: Amount for Mass Transportation	-	(1,068)	(1,068)	(3,749)	(539)	(5,356)
Less: Amount for Collection Expenses <sup>6</sup>	-	-	-	(2,531)	-	(2,531)
Less: Amount for Territories <sup>7</sup>	(93)	(1)	(94)	-	-	(94)
Net used for Highway Purposes	15,571	-	15,571	33,800	1,518	50,889
REVENUES USED FOR HIGHWAYS - BY COLLECTING AGENCIES						
Highway User Revenues:						
Motor-Fuel and Vehicle Taxes	15,571	-	15,571	30,830	1,038	47,439
Tolls	-	-	-	2,970	480	3,450
Subtotal	15,571	-	15,571	33,800	1,518	50,889
Other Taxes and Fees:						
Property Taxes and Assessments	-	-	-	-	4,644	4,644
General Fund Appropriations	-	1,157	1,157	1,968	9,279	12,404
Other Taxes and Fees	-	229	229	1,687	969	2,885
Subtotal	-	1,386	1,386	3,655	14,892	19,933
Investment Income and Other Receipts	908	-	908	2,698	2,976	6,582
Total Current Income	16,479	1,386	17,865	40,153	19,386	77,404
Bond Issue Proceeds <sup>8</sup>	-	-	-	5,974	3,325	9,299
Grand Total Receipts	16,479	1,386	17,865	46,127	22,711	86,703
Intergovernmental Payments:						
Federal Government:						
Highway Trust Fund	(15,004)	-	(15,004)	14,650	354	-
All Other Funds	-	(1,091)	(1,091)	528	563	-
State Agencies:						
Highway-User Imposts	-	-	-	(7,623)	7,623	-
All Other Funds	-	-	-	(1,334)	1,334	-
Local Governments	-	-	-	685	(685)	-
Subtotal	(15,004)	(1,091)	(16,095)	6,906	9,189	-
Funds Drawn from or Placed in Reserves <sup>9</sup>	(1,054)	-	(1,054)	(2,249)	148	(3,155)
Total Funds Available	421	295	716	50,784	32,048	83,548
DISBURSEMENTS FOR HIGHWAYS - BY EXPENDING AGENCIES						
Capital Outlay:						
On State-Administered Highways	-	-	-	27,143	-	27,143
On Locally Administered Roads	-	-	-	1,513	9,433	10,946
Not Classified by System	124	96	220	-	-	220
Subtotal	124	96	220	28,656	9,433	38,309
Maintenance and Traffic Services:						
On State-Administered Highways	-	-	-	8,747	-	8,747
On Locally Administered Roads	-	-	-	41	13,361	13,402
Not Classified by System	-	74	74	-	-	74
Subtotal	-	74	74	8,788	13,361	22,223
Administration and Research <sup>10</sup>	297	125	422	4,676	2,620	7,718
Highway Law Enforcement and Safety	-	-	-	3,910	3,178	7,088
Interest on Debt	-	-	-	2,157	1,464	3,621
Total Current Disbursements	421	295	716	48,187	30,056	78,959
Bond Retirements <sup>8</sup>	-	-	-	2,597	1,992	4,589
Grand Total Disbursements	421	295	716	50,784	32,048	83,548

<sup>1</sup> This table revises preliminary data in Table HF-10 in last year's "Highway Statistics".<sup>2</sup> Includes the Mass Transit Account of the Highway Trust Fund. Also includes Federal Highway Administration activities funded by general funds and all other agencies and funds that make appropriations for highways or that receive highway-user revenues. See Table FA-5 for additional information.<sup>3</sup> Some local government data are estimated.<sup>4</sup> Represents gross receipts less refunds and loss allowances.<sup>5</sup> Federal column amount represents net collections less transfers to the highway and mass transit accounts of the Highway Trust Fund. Due to timing differences between collections and transfers to the Highway Trust Fund, the amount will not correspond exactly to distributions for deficit reduction and for the Leaking Underground Storage Tank Fund.<sup>6</sup> Includes only those collection and administrative costs paid from motor-fuel and motor-vehicle tax receipts. Operational costs of toll facilities are reported as traffic services. Federal collection expenses are excluded since they are paid for by the General Fund. Local expenses are excluded, because local motor-fuel and motor-vehicle tax data are reported net of collection expenses.<sup>7</sup> Amounts shown represent federal payments to territories, and federal expenditures in territories for highways and mass transit. Territories' funding for highways are excluded from the highway finance table series. See Tables TER-1 and PR-1 for details on territories.<sup>8</sup> Proceeds and redemptions of short-term notes and refunding issues are excluded.<sup>9</sup> Negative numbers indicate that funds were placed in reserves.<sup>10</sup> Includes small amounts of engineering and equipment costs not charged to capital outlay and maintenance.

DISPOSITION OF RECEIPTS FROM HIGHWAY-USER IMPOSTS, INCLUDING TOLLS - 1992<sup>1</sup>

TABLE HDF  
SEPTEMBER 1994

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

STATE	HIGHWAY-USER TAXATION					TOTAL	BY FEDERAL GOVERNMENT				BY STATE AND LOCAL GOVERNMENTS				GRAND TOTAL DISTRIBUTED
	FEDERAL FUEL AND VEHICLE TAXES <sup>2</sup>	STATE AND LOCAL FUEL AND VEHICLE TAXES	STATE AND LOCAL TOLLS	FOR HIGHWAY PURPOSES <sup>3</sup>	FOR MASS TRANSIT PURPOSES <sup>4</sup>		TO (FROM) OTHER STATES OR FOR GENERAL PURPOSES <sup>5</sup>	TOTAL DISTRIBUTED	FOR HIGHWAY PURPOSES	FOR COLLECTION EXPENSES	FOR MASS TRANSIT PURPOSES	FOR GENERAL PURPOSES	FOR COLLECTION EXPENSES	TOTAL DISTRIBUTED	
Alabama	431,771	604,108	-	209,003	3,359	1,035,879	431,771	581,924	19,430	1,202	1,552	604,108	1,035,879		
Alaska	40,462	55,192	17,700	193,985	265	113,354	40,462	265	7,496	-	-	604,108	113,354		
Arizona	322,997	583,437	-	159,503	2,926	72,892	322,997	542,267	28,590	27	12,553	583,437	906,434		
Arkansas	273,699	437,222	-	174,859	527	710,921	273,699	425,909	10,647	-	666	437,222	710,921		
California	2,237,504	6,097,122	187,227	1,721,642	97,541	8,521,852	2,237,504	3,394,546	503,771	996,031	1,390,000	6,284,348	8,521,852		
Colorado	261,089	544,348	2,184	225,985	2,302	807,621	261,089	491,518	50,510	1,177	3,327	546,532	807,621		
Connecticut	231,408	591,445	206	331,714	13,144	823,059	231,408	413,802	39,227	126,627	11,995	591,651	823,059		
Delaware	60,088	125,967	66,820	56,692	450	252,875	60,088	169,075	6,794	16,918	-	192,787	252,875		
Dist. of Col.	29,537	79,771	-	109,308	14,909	109,308	29,537	74,011	5,760	-	-	79,771	109,308		
Florida	1,043,991	2,310,246	277,241	476,513	10,995	3,631,478	1,043,991	1,946,057	126,322	102,905	412,203	2,587,487	3,631,478		
Georgia	721,798	451,798	1,319	313,905	24,795	1,174,915	721,798	397,278	52,461	3,378	-	453,117	1,174,915		
Hawaii	89,511	171,793	-	187,064	8,346	231,304	89,511	143,828	7,110	20,451	404	171,793	231,304		
Idaho	94,865	222,341	-	101,649	317	317,206	94,865	208,201	10,182	-	3,958	222,341	317,206		
Illinois	768,716	1,960,918	279,010	512,625	45,629	3,008,644	768,716	1,864,306	157,917	198,515	19,190	2,239,928	3,008,644		
Indiana	516,334	799,954	59,291	374,548	4,685	1,375,579	516,334	810,203	46,842	-	2,200	859,245	1,375,579		
Iowa	242,391	590,417	921	225,207	3,924	833,729	242,391	551,586	27,029	4,250	8,473	591,338	833,729		
Kansas	234,405	384,568	42,257	130,131	564	661,230	234,405	396,436	27,406	-	2,783	426,825	661,230		
Kentucky	353,145	793,819	13,796	166,338	2,386	1,160,760	353,145	771,978	35,637	-	10,869	807,615	1,160,760		
Louisiana	343,396	604,393	29,679	287,287	6,253	977,468	343,396	601,238	18,659	3,286	-	634,072	977,468		
Maine	110,881	196,045	36,053	342,979	661	141,125	110,881	218,980	13,118	-	-	342,979	141,125		
Maryland	373,677	1,076,607	-	249,214	11,402	1,564,738	373,677	793,947	53,969	223,273	119,872	1,191,061	1,564,738		
Massachusetts	388,890	877,525	148,546	544,454	16,247	1,414,961	388,890	809,445	40,239	167,917	8,470	1,026,071	1,414,961		
Michigan	1,919,519	1,205,916	15,285	374,016	6,605	1,919,519	1,919,519	1,056,129	88,374	75,489	1,200	1,221,201	1,919,519		
Minnesota	340,418	857,793	-	250,656	1,798	1,198,211	340,418	643,508	260	2,292	-	857,793	1,198,211		
Mississippi	264,425	390,775	-	168,395	517	655,200	264,425	357,693	11,930	25	21,967	390,775	655,200		
Missouri	528,729	632,689	770	1,106,66	11,066	1,162,188	528,729	590,636	42,586	-	237	633,459	1,162,188		
Montana	90,321	159,361	-	139,041	628	249,682	90,321	148,657	2,033	71	8,600	189,361	249,682		
Nebraska	141,125	290,426	893	103,225	1,102	432,444	141,125	270,477	12,768	1,000	7,074	291,319	432,444		
Nevada	126,592	292,131	-	76,981	638	418,723	126,592	263,682	28,130	319	-	292,131	418,723		
New Hampshire	84,948	245,000	45,224	56,149	375	375,172	84,948	207,737	13,761	101	68,625	375,172	375,172		
New Jersey	571,171	733,728	543,452	382,590	11,349	1,838,351	571,171	1,056,588	77,235	-	133,357	1,267,180	1,838,351		
New Mexico	354,386	498,810	-	135,341	522	898,810	354,386	265,356	22,027	-	47,041	498,810	898,810		
New York	1,002,030	2,136,370	1,506,157	654,271	110,467	4,644,557	1,002,030	1,538,872	176,608	1,825,571	101,476	3,642,527	4,644,557		
North Carolina	613,542	1,195,272	1,346	1,810,160	4,059	613,542	613,542	1,094,821	17,029	16,920	13,848	1,196,618	1,810,160		
North Dakota	88,019	117,029	-	102,197	264	185,048	88,019	107,507	4,492	866	1,164	117,029	185,048		
Ohio	823,659	1,684,493	85,766	466,908	10,540	2,593,928	823,659	1,488,556	34,048	32,748	14,907	1,770,259	2,593,928		
Oklahoma	324,787	646,347	73,793	173,952	1,197	1,044,927	324,787	473,846	35,694	551	210,049	720,140	1,044,927		
Oregon	279,512	583,940	4,831	196,021	8,903	1,044,927	279,512	512,193	65,756	-	10,822	588,771	868,283		
Pennsylvania	892,099	1,845,944	346,080	591,013	39,118	3,084,093	892,099	2,105,501	46,368	32,879	7,246	2,191,994	3,084,093		
Rhode Island	64,725	156,571	8,831	111,413	1,043	226,127	64,725	75,001	11,207	13,045	66,149	165,402	226,127		
South Carolina	341,872	431,205	-	181,178	1,002	773,077	341,872	392,989	31,863	5,482	871	431,205	773,077		
South Dakota	121,130	121,130	-	89,845	241	192,508	121,130	113,533	6,686	-	911	192,508	192,508		
Tennessee	479,900	833,982	64	291,612	1,791	1,313,946	479,900	677,788	31,917	13,629	110,712	834,046	1,313,946		
Texas	1,570,220	4,147,576	146,354	839,123	15,887	5,864,150	1,570,220	2,295,837	181,623	13,000	1,803,470	4,293,930	5,864,150		
Utah	150,372	225,791	220	102,587	1,563	46,222	150,372	213,677	12,216	-	118	228,011	376,383		
Vermont	53,226	133,443	-	186,649	254	186,649	53,226	108,285	9,124	3,530	12,504	186,649	186,649		
Virginia	559,433	1,220,057	102,345	242,365	2,275	1,881,835	559,433	940,696	57,604	90,798	133,304	1,322,402	1,881,835		
Washington	412,191	1,445,154	58,169	359,773	7,553	1,923,514	412,191	1,044,802	71,855	231,818	264,848	1,513,323	1,923,514		
West Virginia	162,703	384,602	40,736	136,722	436	588,101	162,703	403,927	19,769	2,366	588,101	588,101	588,101		
Wisconsin	400,807	849,988	64	267,472	2,512	1,250,859	400,807	597,615	59,769	63,464	5,725	850,558	1,250,859		
Wyoming	81,780	92,277	-	96,503	205	164,057	81,780	76,815	5,298	-	164	92,277	164,057		
Undistributed <sup>7</sup>	-	-	-	1,501,916	551,412	(2,053,328)	-	-	-	-	-	-	-		
Total	20,499,253	42,932,509	4,267,054	15,570,853	1,068,014	67,698,816	20,499,253	35,317,598	2,531,115	4,287,677	5,063,173	47,199,563	67,698,816		

<sup>1</sup> This table summarizes highway-user revenues and their disposition for all levels of government. See Table LDF for details on local imposts. See Table DF in last year's "Highway Statistics" for details on State fuel and vehicle taxes. Some State data have been revised.  
<sup>2</sup> Total Federal motor-fuel and motor-vehicle receipts based on gross tax liabilities and refunds reported by the U.S. Department of the Treasury. Payments attributable to highway users in each State are estimated by the Federal Highway Administration (FHWA).  
<sup>3</sup> Amounts shown for each State represent payments received from the Highway Trust Fund and direct work performed by FHWA and funded by the Highway Trust Fund. Excludes U.S. territories.  
<sup>4</sup> Amounts shown for each State are estimates of the payments received from the Highway Trust Fund's highway-user revenues for mass transportation, based on total payments less interest income and State's percentage of total obligations and allocations. Excludes U.S. territories.  
<sup>5</sup> Amounts shown represent total Federal highway-user revenues collected in each State less amounts received by the State from the Highway Trust Fund for highways and mass transportation. The Federal government uses a portion of motor-fuel tax revenue for deficit reduction and for the Leaking Underground Storage Tank (LUST) Fund. States with negative numbers receive more from the Highway Trust Fund than the amount of collections attributable to those States. Total includes small amounts spent for highways and mass transit in U.S. territories.  
<sup>6</sup> Gross allocations of highway-State revenues to State general funds were reduced by the amount of appropriations for highways from State general funds. See Table DF for details.  
<sup>7</sup> Amounts shown represent direct Federal expenditures that can not be attributed to any single State and the net increase or decrease in the Highway and Mass Transit Accounts of the Highway Trust Fund. See Tables FA-SA and HF-10 for more details.

REVENUES USED FOR HIGHWAYS, ALL LEVELS OF GOVERNMENT - 1992<sup>1</sup>

TABLE HF-1  
SEPTEMBER 1994

COMPILED FROM REPORTS OF FEDERAL STATE AND LOCAL AUTHORITIES

STATES	HIGHWAY-USER TAX REVENUES <sup>2</sup>			(THOUSANDS OF DOLLARS)							TOTAL RECEIPTS
	FEDERAL <sup>3</sup>	STATE	LOCAL	TOTAL	ROAD AND CROSSING TOLLS	APPROPRIATIONS FROM GENERAL FUNDS	PROPERTY TAXES	OTHER IMPOSTS	MISCELLANEOUS RECEIPTS <sup>4</sup>	BOND RECEIPTS <sup>5</sup>	
Alabama	209,003	561,066	20,858	790,927	-	72,037	103,673	4,607	55,467	14,233	1,040,944
Alaska	193,985	42,708	4,222	240,915	17,700	116,350	52,760	515	55,096	55,096	534,507
Arizona	159,503	541,697	570	701,770	-	153,914	6,268	214,219	72,287	519,226	1,667,684
Arkansas	174,859	425,910	-	600,769	-	37,979	36,749	23,786	61,022	1,414	761,719
California	1,721,642	3,268,992	-	4,990,634	125,554	1,250,697	196,283	167,303	1,647,410	179,007	8,556,888
Colorado	225,955	489,334	-	715,289	2,184	139,211	89,968	83,558	100,292	79,254	1,209,856
Connecticut	331,714	400,487	13,109	745,310	206	317,052	137	15	140,646	277,258	1,480,624
Delaware	56,692	102,256	-	158,948	66,820	122,946	256	11,120	18,520	177,215	555,829
Dist. of Col.	74,945	74,011	-	148,956	-	18,469	-	-	70,725	34,993	273,143
Florida	476,513	1,284,409	390,015	2,150,937	271,632	211,418	154,848	349,595	273,923	327,072	3,739,425
Georgia	313,905	389,300	6,659	709,864	1,319	675,672	1,290	278,232	84,555	203,287	1,954,219
Hawaii	187,054	126,756	17,071	330,891	-	79,166	-	4,220	40,182	15,540	469,999
Idaho	101,649	205,691	2,510	309,850	-	5,517	-	13,861	21,585	-	385,716
Illinois	512,625	1,391,171	194,782	2,098,578	278,353	123,168	338,501	33,593	171,219	701,301	3,644,713
Indiana	374,548	724,503	28,610	1,127,661	57,091	91,217	38,298	21,587	166,731	76,986	1,579,571
Iowa	225,207	550,688	-	775,895	898	53,479	128,834	117,883	60,313	1,248,032	1,248,032
Kansas	130,131	354,379	-	484,510	42,257	399,248	134,503	163,097	59,096	403,477	1,686,288
Kentucky	166,338	756,978	1,203	924,519	13,796	129,403	2,715	2,198	111,509	37,170	1,221,310
Louisiana	287,287	571,876	-	859,163	39,379	109,303	156,543	108,123	88,986	135,598	1,487,095
Maine	74,900	182,927	-	257,827	36,053	119,274	-	72	6,692	65,029	486,947
Maryland	249,214	718,184	1,349	968,747	42,257	483,722	26,618	51,690	69,912	169,833	1,844,937
Massachusetts	544,454	660,900	-	1,205,354	148,546	369,525	2,380	-	96,543	298,426	2,120,774
Michigan	374,016	1,041,054	-	1,415,070	15,076	8,820	23,647	-	245,796	270,151	2,303,825
Minnesota	250,656	843,509	-	1,094,165	-	488,242	341,485	1,156	138,949	115,441	2,179,438
Mississippi	168,395	354,374	3,319	526,088	-	124,699	63,589	50,231	35,527	52,241	852,375
Missouri	301,758	582,675	7,429	891,862	-	97,628	98,576	280,004	63,768	25,172	1,457,543
Montana	139,041	148,557	-	287,598	-	13,685	34,350	-	26,110	606	371,269
Nebraska	103,225	261,762	7,821	372,808	-	54,719	129,941	89,484	24,750	18,207	690,802
Nevada	74,981	233,377	30,306	338,664	-	18,917	-	6,369	15,191	40,467	422,234
New Hampshire	56,149	162,514	-	218,663	45,224	137,032	-	212	21,583	5,068	427,782
New Jersey	382,590	513,189	-	895,779	543,401	459,279	-	-	460,954	1,051,851	3,411,264
New Mexico	135,341	262,267	3,090	400,698	-	49,846	4,804	1,465	23,540	-	480,353
New York	654,271	682,397	13,469	1,350,137	843,005	1,409,342	557,927	2	375,118	2,469,278	7,005,009
North Carolina	293,157	1,083,311	10,165	1,386,633	1,346	228,140	2,476	69,377	121,917	72,864	1,882,753
North Dakota	102,197	107,507	-	209,704	-	19,509	43,275	9,385	12,320	10,669	304,862
Ohio	466,908	1,602,789	-	2,069,697	85,766	115,440	178,809	36,865	136,701	132,079	2,755,357
Oklahoma	173,952	400,052	-	574,004	73,793	84,885	10,547	22,018	63,051	96,756	925,154
Oregon	196,021	498,415	9,541	703,977	4,238	64,757	41,634	115,476	110,109	2,865	1,043,056
Pennsylvania	591,013	1,753,983	26,458	2,371,454	325,060	468,416	235,526	2,156	324,527	50,043	3,777,182
Rhode Island	111,413	66,170	-	177,583	8,831	40,490	-	12	8,065	32,226	267,207
South Carolina	181,178	392,990	-	574,168	-	71,329	6,912	2,479	24,816	1,960	681,654
South Dakota	89,845	111,723	1,811	203,379	-	94,014	15,776	29,204	13,050	6,476	361,899
Tennessee	291,612	652,229	25,496	969,337	64	405,434	43,827	39,016	30,482	171	1,488,331
Texas	839,123	2,066,484	102,388	3,007,995	126,963	992,406	886,501	20,215	432,508	286,568	5,753,156
Utah	102,587	213,457	-	316,044	220	147,765	-	-	10,669	-	475,905
Vermont	64,540	108,284	-	172,824	-	5,058	65,073	154	12,152	13,700	268,961
Virginia	262,365	850,076	88,275	1,200,716	102,345	246,178	8,592	309,166	99,644	130,700	2,210,657
Washington	369,773	850,020	26,613	1,246,406	68,169	95,520	242,539	95,019	130,318	57,887	1,935,858
West Virginia	136,722	364,782	775	502,279	38,370	152,921	225,072	2,416	34,060	-	730,046
Wisconsin	267,472	720,480	560	988,512	64	556,745	-	476	65,535	352,467	2,188,871
Wyoming	96,503	76,816	-	173,319	-	109,467	-	25,725	15,976	-	324,487
Undistributed	1,501,916	-	-	1,501,916	-	239,783	-	-	33,604	-	1,775,303
Total	15,570,853	30,829,566	1,038,474	47,438,893	3,449,564	12,403,688	4,643,713	2,885,858	6,582,576	9,298,527	86,702,819

<sup>1</sup> See Tables FA-5A, SF-21, and LGF-21 for details on highway funding of Federal, State and Local Governments.  
<sup>2</sup> Excludes amounts allocated for collection expenses and nonhighway purposes.  
<sup>3</sup> See Table HDF for information on gross highway-user revenue collections.  
<sup>4</sup> Amounts shown reflect Highway Trust Fund revenues attributable to highway-user taxes that were expended for highways in each State. The total State-by-State attribution of Highway Trust Fund receipts.  
<sup>5</sup> Excludes interest earned on Highway Trust Fund reserves.  
<sup>6</sup> Excludes short-term notes and refunding bond issues.

TOTAL DISBURSEMENTS FOR HIGHWAYS, ALL UNITS OF GOVERNMENT - 1992<sup>1</sup>

TABLE HF-2  
SEPTEMBER 1994

COMPILED FROM REPORTS OF FEDERAL STATE AND LOCAL AUTHORITIES

STATE	(THOUSANDS OF DOLLARS)										TOTAL DISBURSEMENTS		
	CAPITAL OUTLAY					MAINTENANCE AND SERVICES							
	STATE ADMINISTERED HIGHWAYS	LOCALLY ADMINISTERED ROADS	FEDERAL ROADS AND UNCLASSIFIED	TOTAL <sup>2</sup>	STATE ADMINISTERED HIGHWAYS	LOCALLY ADMINISTERED ROADS	FEDERAL ROADS AND UNCLASSIFIED	TOTAL	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT AND SAFETY		INTEREST	BOND RETIREMENT <sup>3</sup>
Alabama	372,518	42,839	974	416,331	134,450	299,897	14	434,361	72,558	57,359	11,128	20,436	1,012,173
Alaska	213,000	60,888	4,942	278,830	121,900	34,166	831	156,897	30,088	40,116	13,411	15,485	540,965
Arizona	488,274	205,236	19,046	712,556	68,907	84,516	10,641	164,064	70,527	78,446	154,305	359,239	1,539,137
Arkansas	325,826	72,239	868	398,933	113,232	130,379	310	243,921	42,524	45,163	661	449	731,651
California	2,089,004	1,700,434	15,983	3,805,421	511,977	1,474,922	1,685	1,988,584	1,046,908	1,182,559	58,263	35,336	8,117,071
Colorado	386,491	179,430	3,453	569,374	128,060	236,345	921	365,326	52,531	96,886	43,258	63,757	1,191,132
Connecticut	691,154	70,521	-	761,675	60,753	156,338	-	217,091	75,613	17,130	168,579	206,380	1,446,468
Delaware	193,959	3,375	14,559	211,893	55,552	81,148	-	63,710	50,696	36,496	46,059	26,331	435,185
Dist. of Col.	-	101,042	5,176	106,218	-	28,524	12	28,536	19,715	-	73,135	46,061	273,665
Florida	1,440,203	681,642	682	2,122,527	282,812	366,381	312	649,505	428,351	271,756	271,756	153,681	3,858,336
Georgia	699,149	174,244	724	874,117	185,909	260,614	15	446,538	113,627	127,181	46,645	300,966	1,909,074
Hawaii	316,797	23,410	263	340,470	19,793	50,294	-	70,087	38,613	16,365	18,968	22,637	507,140
Idaho	111,528	42,830	6,609	160,967	49,296	84,059	1,212	134,567	43,930	14,397	341	545	354,747
Illinois	1,443,338	507,931	56	1,951,325	291,073	701,587	490	993,150	260,011	126,439	129,070	116,485	3,575,480
Indiana	567,006	218,588	-	785,594	201,342	214,625	510	416,477	195,916	41,838	52,231	12,687	1,504,743
Iowa	400,691	225,814	9	626,514	100,801	317,012	25	417,838	95,273	66,895	23,439	53,258	1,288,217
Kansas	352,267	112,971	2	465,240	81,227	195,447	490	277,164	183,109	275,074	44,942	142,628	1,388,157
Kentucky	683,377	157,425	2,502	843,304	152,045	111,117	41	263,203	88,047	109,820	103,564	143,452	1,551,390
Louisiana	650,766	154,691	104	805,561	59,191	194,618	210	254,019	85,661	116,970	107,470	107,504	1,477,185
Maine	143,850	15,420	446	159,716	114,900	159,716	153	213,313	17,086	42,300	12,015	15,933	460,363
Maryland	511,583	232,065	14,907	758,545	49,131	200,106	-	349,237	108,364	161,614	81,688	330,508	1,789,956
Massachusetts	871,763	141,997	40	1,013,800	146,150	244,043	-	390,193	214,814	177,051	174,108	245,634	2,215,600
Michigan	546,839	276,700	31	823,570	138,763	642,977	300	782,040	205,891	201,637	35,674	44,873	2,093,685
Minnesota	587,390	669,936	163	1,277,489	144,894	395,181	591	541,583	146,484	180,927	56,605	127,591	2,330,679
Mississippi	332,638	119,737	3,341	455,716	54,704	188,186	591	243,481	33,174	64,859	31,566	57,522	886,368
Missouri	464,531	199,354	1,342	665,227	210,439	222,712	8	433,159	177,283	124,228	11,715	19,421	1,431,033
Montana	191,070	57,652	9,217	257,939	42,087	21,356	4,178	67,621	16,843	19,424	13,958	17,723	377,508
Nebraska	244,117	192,494	34,598	471,209	51,993	126,578	444	179,015	43,639	42,934	15,349	27,120	779,266
Nevada	168,487	10,557	2,640	181,684	58,785	14,637	1,048	74,470	23,360	24,049	12,962	16,786	333,311
New Hampshire	86,815	37,694	-	124,509	98,469	66,752	106	165,327	96,270	46,005	21,722	4,533	458,366
New Jersey	1,250,419	100,871	15	1,351,290	358,862	342,765	-	701,627	381,121	254,093	238,792	220,850	3,147,773
New Mexico	245,616	290,551	6,033	538,200	63,812	38,326	5,674	107,812	65,312	26,275	2,532	2,014	494,496
New York	1,172,069	1,200,310	176	2,392,555	606,776	1,839,465	200	2,446,441	616,785	283,252	586,457	409,463	6,734,953
North Carolina	772,594	127,328	10,329	910,251	362,139	86,571	1,044	449,754	127,094	203,642	28,870	17,703	1,737,314
North Dakota	93,070	45,587	15	138,672	34,178	50,244	2	86,607	20,627	15,228	6,931	13,499	281,564
Ohio	679,950	401,989	211	1,082,150	460,687	504,058	23	964,768	335,689	213,155	51,708	109,564	2,757,034
Oklahoma	370,609	113,422	4,000	488,031	88,492	117,914	17	206,423	191,811	41,384	56,248	85,638	1,019,535
Oregon	335,881	201,205	10,798	547,884	120,773	168,155	7,523	296,451	64,501	73,433	14,067	24,162	1,020,498
Pennsylvania	1,223,271	125,258	268	1,348,797	764,351	744,656	85	1,509,092	152,494	443,935	190,151	225,189	3,869,668
Rhode Island	136,323	4,040	-	140,363	23,710	17,136	6	40,852	9,798	28,023	14,684	19,770	253,490
South Carolina	332,967	31,128	28	364,123	156,266	43,893	40	200,199	52,696	86,404	917	824	705,163
South Dakota	159,816	68,946	1,516	230,278	33,371	68,300	3,757	105,428	21,403	30,636	843	1,813	390,401
Tennessee	613,158	106,790	5,777	725,725	192,392	225,319	70	417,781	84,136	59,239	6,057	16,894	1,309,852
Texas	1,701,015	578,592	3,282	2,282,889	564,131	898,897	67	1,463,095	473,048	804,375	351,868	246,617	5,621,892
Utah	182,428	68,600	5,782	256,810	59,893	72,110	1,471	133,474	40,831	33,745	-	-	464,860
Vermont	87,148	36,942	-	124,090	36,024	54,112	15	90,151	15,067	21,072	2,015	5,990	258,365
Virginia	649,972	202,473	8,895	861,340	468,402	187,345	30	655,777	143,235	168,008	99,058	190,483	2,117,901
Washington	501,683	332,102	3,923	837,708	193,795	267,382	2,431	463,608	239,299	173,064	72,751	95,899	1,882,329
West Virginia	356,770	13,858	134	370,762	161,301	48,540	41	209,882	31,528	38,247	29,209	41,355	720,983
Wisconsin	626,822	384,652	1	1,011,475	116,788	423,045	1,569	541,402	128,447	261,228	72,021	135,877	2,150,460
Wyoming	127,015	34,114	12,506	173,635	52,018	34,989	900	87,907	24,522	23,896	187	-	311,306
Undistributed	-	-	3,527	3,527	-	-	-	20,587	422,413	-	-	-	446,527
Total	27,143,027	10,946,255	219,878	38,309,160	8,746,906	13,402,999	73,790	22,223,595	7,718,703	7,088,262	3,620,713	4,588,952	83,549,395

<sup>1</sup> Disbursements are classified by system on which expended, rather than by expending agencies, e.g., capital outlay on local rural roads includes expenditures from Federal, State and local funds. Data includes estimates. See Tables FA-5A, SF-21, and LGF-21 for details on highway disbursements by each level of government.  
<sup>2</sup> See Tables FA-5A, SF-4C and LGF-2 for right-of-way costs.  
<sup>3</sup> Excludes short-term notes and refunding bond issues.

CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>  
STATE AND LOCAL GOVERNMENT OBLIGATIONS FOR HIGHWAYS - 1992

TABLE HB-2  
SEPTEMBER 1994

STATE	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED <sup>2</sup> (THOUSANDS OF DOLLARS)			OBLIGATIONS RETIRED <sup>2</sup>			TOTAL	OBLIGATIONS OUTSTANDING END OF YEAR
		ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	BY CURRENT REVENUES OR SINKING FUNDS	BY REFUNDING	TOTAL		
Alabama	179,861	14,233	-	14,233	-	20,436	-	20,436	173,658
Alaska	278,829	55,096	-	55,096	-	21,623	-	21,623	312,302
Arizona	1,857,712	514,416	-	589,906	75,490	361,001	75,520	436,521	2,011,097
Arkansas	15,362	1,414	-	1,414	-	449	-	449	16,327
California	834,615	179,007	-	184,077	5,070	34,898	4,600	39,498	979,194
Colorado	964,151	84,360	-	84,360	-	62,621	-	62,621	985,890
Connecticut	2,295,028	278,952	-	404,667	125,715	202,800	112,220	315,020	2,384,675
Delaware	423,109	183,855	-	183,855	-	16,883	-	16,883	590,081
Dist. of Col.	1,194,850	34,217	-	34,217	-	46,061	-	46,061	1,183,006
Florida	3,223,866	328,060	-	369,720	41,660	146,362	41,400	187,762	3,405,824
Georgia	895,018	203,131	-	213,532	10,401	300,967	10,401	311,368	797,182
Hawaii	293,587	13,083	-	26,595	13,512	22,637	13,512	36,149	284,033
Idaho	11,372	-	-	-	-	545	-	545	10,827
Illinois	2,051,279	702,790	-	819,513	116,723	87,716	116,120	203,836	2,666,956
Indiana	553,877	76,769	-	76,769	-	12,687	-	12,687	617,959
Iowa	294,029	117,883	-	117,883	-	53,258	-	53,258	358,654
Kansas	470,045	400,390	-	400,390	-	142,544	-	142,544	727,891
Kentucky	1,470,872	37,170	-	37,170	-	143,343	-	143,343	1,364,699
Louisiana	1,698,224	135,274	-	158,281	23,007	107,621	23,007	130,628	1,725,877
Maine	155,808	66,597	-	66,597	-	15,933	-	15,933	206,472
Maryland	1,245,206	169,957	-	223,082	53,125	330,421	135,070	465,491	1,002,797
Massachusetts	1,857,499	438,258	-	438,258	-	244,423	-	244,423	2,051,334
Michigan	495,846	366,511	-	474,291	107,780	37,899	88,735	126,634	843,503
Minnesota	843,973	115,634	-	130,259	14,625	134,086	19,890	153,976	820,256
Mississippi	412,765	52,241	-	52,241	-	58,522	-	58,522	406,484
Missouri	150,733	25,172	-	25,172	-	19,807	-	19,807	156,098
Montana	172,709	438	-	438	-	1,723	-	1,723	171,424
Nebraska	212,199	18,207	-	30,187	11,980	27,120	12,694	39,814	202,572
Nevada	209,073	40,338	-	60,338	20,000	16,785	20,000	36,785	232,626
New Hampshire	322,741	25,835	-	128,368	102,533	10,948	90,281	101,229	349,880
New Jersey	3,714,517	1,105,120	-	1,586,355	481,235	227,968	446,275	674,243	4,626,629
New Mexico	37,479	-	-	-	-	2,014	-	2,014	35,465
New York	4,899,003	2,540,124	-	2,635,877	95,753	411,033	95,329	506,362	7,028,518
North Carolina	432,341	72,864	-	72,864	-	47,643	-	47,643	457,562
North Dakota	100,892	10,669	-	10,669	-	13,499	-	13,499	98,062
Ohio	587,457	132,079	-	135,470	3,391	109,483	3,391	112,874	610,053
Oklahoma	717,101	92,121	-	713,360	614,239	52,097	575,790	627,887	802,574
Oregon	184,947	2,865	-	46,835	43,970	24,325	43,970	68,295	163,487
Pennsylvania	2,914,003	50,400	-	738,101	687,701	226,893	609,100	835,993	2,816,111
Rhode Island	267,633	32,226	-	77,010	44,784	17,635	43,325	60,960	283,683
South Carolina	10,327	1,961	-	1,961	-	824	-	824	11,464
South Dakota	16,141	6,476	-	6,476	-	1,813	-	1,813	20,804
Tennessee	119,468	171	-	171	-	14,472	-	14,472	105,167
Texas	5,187,250	286,568	-	286,568	-	246,617	-	246,617	5,227,201
Utah	-	-	-	-	-	-	-	-	-
Vermont	25,742	15,700	-	20,555	4,855	5,805	4,855	10,660	35,637
Virginia	1,312,820	269,571	-	529,080	259,509	172,364	262,346	434,710	1,407,190
Washington	1,117,930	58,943	-	159,761	100,818	88,953	100,640	189,593	1,088,098
West Virginia	494,233	-	-	58,750	58,750	41,109	56,836	97,945	455,038
Wisconsin	990,245	357,674	-	507,149	149,475	135,586	136,706	272,292	1,225,102
Wyoming	2,642	-	-	-	-	1,159	-	1,159	1,483
Total	48,216,409	9,721,820	3,266,101	12,987,921	3,142,013	4,523,411	3,142,013	7,665,424	53,538,906

<sup>2</sup> Excludes obligations with terms of less than 2 years.

<sup>1</sup> This table summarizes the highway indebtedness status of all levels of government within each State, including toll authorities. See Tables SB-2 and LGB-2 for more details.

**STATUS OF THE FEDERAL HIGHWAY TRUST FUND<sup>1</sup>**  
**FISCAL YEAR ENDED SEPTEMBER 30, 1993**

TABLE FE-10  
DECEMBER 1993

ITEM	HIGHWAYS	MASS TRANSIT ACCOUNT <sup>2</sup>	TOTAL
I. Opening balance:	\$11,300,223,854.51	\$9,798,159,207.19	\$21,098,383,061.70
II. Receipts:			
A. Excise taxes (transferred General Fund receipts)			
1. Gasoline	10,711,687,600.00	1,537,330,000.00	12,249,017,600.00
2. Gasohol	416,409,000.00	131,634,000.00	548,043,000.00
3. Diesel	3,234,518,000.00	321,403,000.00	3,555,921,000.00
4. Special motor fuels	24,636,000.00	1,819,000.00	26,455,000.00
5. Tires	304,482,000.00	-	304,482,000.00
6. Trucks and trailers	1,199,291,000.00	-	1,199,291,000.00
7. Federal use tax	630,401,000.00	-	630,401,000.00
8. Fines and penalties	14,433,075.05	-	14,433,075.05
9. Total excise taxes	16,535,857,675.05	1,992,186,000.00	18,528,043,675.05
B. Deduct - reimbursement to General Fund receipts (refunds and tax credits)			
1. Diesel powered vehicle rebate	8,360,160.00	-	8,360,160.00
2. Diesel fuel used in buses	5,389,883.00	-	5,389,883.00
2. Diesel fuel-other	122,560,535.00	-	122,560,535.00
4. Special motor fuel	12,225,766.00	-	12,225,766.00
5. Gasohol	30,757,255.00	-	30,757,255.00
6. Gasoline used for aviation	3,807,827.00	-	3,807,827.00
7. Gasoline to make gasohol	3,512,430.00	-	3,512,430.00
8. Gasoline-other	95,287,005.00	-	95,287,005.00
9. Total	281,900,861.00	-	281,900,861.00
C. Transfers			
1. To Land and Water Conservation Fund	1,000,000.00	-	1,000,000.00
2. To Aquatic Resources Trust Fund	206,633,000.00	-	206,633,000.00
3. Total	207,633,000.00	-	207,633,000.00
D. Net excise taxes	16,046,323,814.05	1,992,186,000.00	18,038,509,814.05
E. Interest	817,492,845.98	742,501,725.00	1,559,994,570.98
F. Total receipts	16,863,816,660.03	2,734,687,725.00	19,598,504,385.03
III. Expenditures: (checks written basis)			
A. Federal Highway Administration			
1. Highways (Federal aid)	16,259,208,839.14	-	16,259,208,839.14
2. Right-of-way revolving fund	9,195,097.22	-	9,195,097.22
3. Highway related safety grants	111,590,879.80	-	111,590,879.80
4. Highway safety research and development	1,160,884.19	-	1,160,884.19
5. Trust Fund share other highway programs	7,641,796.67	-	7,641,796.67
6. Other	73,276,756.95	-	73,276,756.95
7. Total	16,462,074,253.97	-	16,462,074,253.97
B. Federal Transit Administration	-	1,915,661,561.18	1,915,661,561.18
C. National Highway Traffic Safety Administration	178,674,635.00	-	178,674,635.00
D. Total expenditures	16,640,748,888.97	1,915,661,561.18	18,556,410,450.15
IV. Balances in Trust Fund:			
A. Investments			
U. S. Treasury special certificates of indebtedness <sup>3</sup>	11,475,010,000.00	10,529,365,000.00	22,004,375,000.00
B. Undisbursed balances			
1. Available for investment	709.86	828.99	1,538.85
2. Highways (Federal aid)	(15,244,637.48)	-	(15,244,637.48)
3. Right-of-way revolving fund	17,342,437.50	-	17,342,437.50
4. Highway related safety grants	14,038,942.81	-	14,038,942.81
5. Highway safety research and development	775,288.23	-	775,288.23
6. Trust Fund share other highway programs	514,291.06	-	514,291.06
7. Mass Transit Account	-	87,819,542.02	87,819,542.02
8. National Highway Traffic Safety Administration	23,165,724.68	-	23,165,724.68
9. Other	7,688,868.91	-	7,688,868.91
10. Total	48,281,625.57	87,820,371.01	136,101,996.58
C. Total balance	\$11,523,291,625.57	\$10,617,185,371.01	\$22,140,476,996.58

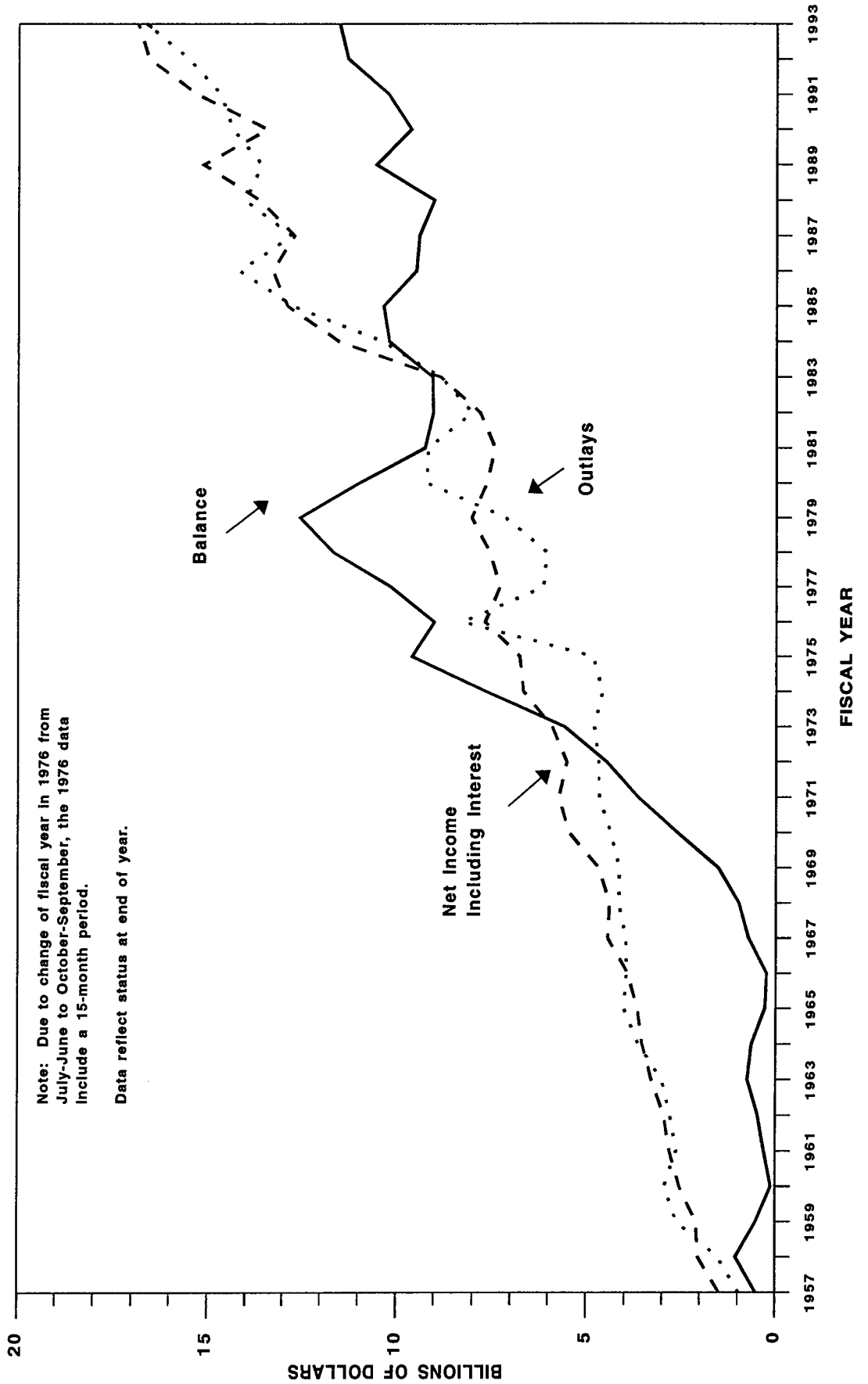
<sup>1</sup> The Fund was created June 29, 1956 with the enactment of the Highway Revenue Act of 1956.

<sup>2</sup> The Mass Transit Account was established April 1, 1983 with enactment of the Surface Transportation Assistance Act of 1982.

<sup>3</sup> Certificates held September 30, 1993 for \$21,978,491,000 bore interest at 6.5 percent and \$25,884,000 bore interest at 6.375 percent.



# FEDERAL HIGHWAY TRUST FUND STATUS (EXCLUDES MASS TRANSIT ACCOUNT)



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

**FISCAL YEAR 1993**

TABLE FE-9  
SHEET 1 OF 2  
AUGUST 1994

(THOUSANDS OF DOLLARS)

STATE	HIGHWAY ACCOUNT								
	MOTOR FUEL					OTHER			TOTAL
	GASOLINE			SPECIAL FUELS	TOTAL	FEDERAL USE TAX	TRUCKS AND TRAILERS	TIRES	
	GASOLINE	GASOHOL	TOTAL						
Alabama	187,782	13,121	200,903	78,344	279,247	15,877	30,205	7,669	332,998
Alaska	23,927	-	23,927	7,079	31,006	1,435	2,729	693	35,863
Arizona	177,409	-	177,409	49,991	227,400	10,131	19,274	4,893	261,698
Arkansas	122,441	1,158	123,599	57,551	181,150	11,663	22,189	5,633	220,635
California	1,344,273	2,805	1,347,078	283,715	1,630,793	57,498	109,387	27,771	1,825,449
Colorado	138,807	6,697	145,504	31,834	177,338	6,451	12,273	3,116	199,178
Connecticut	128,192	2,376	130,568	26,884	157,452	5,448	10,365	2,632	175,897
Delaware	34,416	-	34,416	7,453	41,869	1,510	2,873	729	46,981
Dist. of Col.	17,105	-	17,105	2,994	20,099	607	1,154	293	22,153
Florida	593,692	4,069	597,761	127,966	725,727	25,935	49,337	12,526	813,525
Georgia	354,407	1,084	355,491	126,159	481,650	25,568	48,640	12,349	568,207
Hawaii	37,698	-	37,698	3,678	41,376	745	1,418	360	43,899
Idaho	44,247	2,075	46,322	18,463	64,785	3,742	7,118	1,807	77,452
Illinois	296,508	73,916	370,424	130,392	500,816	26,425	50,272	12,764	590,277
Indiana	199,739	30,295	230,034	107,982	338,016	21,884	41,632	10,570	412,102
Iowa	77,955	24,263	102,218	47,198	149,416	9,565	18,197	4,620	181,798
Kansas	111,179	2,971	114,150	37,682	151,832	7,637	14,528	3,688	177,685
Kentucky	153,010	17,208	170,218	76,511	246,729	15,506	29,499	7,489	299,223
Louisiana	179,719	3,943	183,662	49,899	233,561	10,113	19,239	4,884	267,797
Maine	59,481	-	59,481	16,230	75,711	3,289	6,257	1,589	86,846
Maryland	208,203	-	208,203	48,981	257,184	9,926	18,884	4,794	290,788
Massachusetts	237,687	-	237,687	36,100	273,787	7,316	13,918	3,534	298,555
Michigan	378,097	24,282	402,379	80,931	483,310	16,401	31,203	7,922	538,836
Minnesota	138,337	30,706	169,043	50,271	219,314	10,188	19,382	4,921	253,805
Mississippi	128,052	-	128,052	49,117	177,169	9,954	18,937	4,808	210,868
Missouri	254,267	11,933	266,200	92,421	358,621	18,730	35,633	9,047	422,031
Montana	43,454	236	43,690	17,930	61,620	3,634	6,913	1,755	73,922
Nebraska	36,351	17,536	53,887	35,576	89,463	7,210	13,716	3,482	113,871
Nevada	61,567	3,381	64,948	21,859	86,807	4,430	8,428	2,140	101,805
New Hampshire	51,932	-	51,932	7,278	59,210	1,475	2,806	712	64,203
New Jersey	327,695	-	327,695	53,208	380,903	10,783	20,514	5,208	417,408
New Mexico	72,158	5,120	77,278	32,374	109,652	6,561	12,482	3,169	131,864
New York	551,950	-	551,950	119,025	670,975	24,122	45,890	11,651	752,638
North Carolina	325,068	1,394	326,462	91,793	418,255	18,603	35,390	8,985	481,233
North Dakota	26,861	2,630	29,491	14,495	43,986	2,938	5,589	1,419	53,932
Ohio	331,004	58,912	389,916	137,920	527,836	27,951	53,175	13,500	622,462
Oklahoma	168,297	-	168,297	56,554	224,851	11,461	21,804	5,536	263,652
Oregon	116,834	9,018	125,852	47,282	173,134	9,582	18,229	4,628	205,573
Pennsylvania	460,324	-	460,324	140,778	601,102	28,530	54,276	13,780	697,688
Rhode Island	37,038	-	37,038	5,669	42,707	1,149	2,186	555	46,597
South Carolina	181,244	-	181,244	55,195	236,439	11,186	21,280	5,403	274,308
South Dakota	22,376	7,522	29,898	15,149	45,047	3,070	5,841	1,483	55,441
Tennessee	230,131	9,165	239,296	85,151	324,447	17,257	32,830	8,335	382,869
Texas	820,785	11,689	832,474	232,018	1,064,492	47,021	89,455	22,711	1,223,679
Utah	76,355	119	76,474	25,810	102,284	5,231	9,951	2,526	119,992
Vermont	29,270	-	29,270	8,491	37,761	1,721	3,274	831	43,587
Virginia	295,351	4,876	300,227	84,125	384,352	17,049	32,434	8,235	442,070
Washington	192,074	19,942	212,016	54,683	266,699	11,082	21,083	5,353	304,217
West Virginia	80,263	1,980	82,243	28,215	110,458	5,718	10,878	2,762	129,816
Wisconsin	195,605	7,549	203,154	69,518	272,672	14,088	26,802	6,805	320,367
Wyoming	24,506	2,438	26,944	24,696	51,640	5,005	9,522	2,417	68,584
Total	10,385,123	416,409	10,801,532	3,110,618	13,912,150	630,401	1,199,291	304,482	16,046,324

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

**FISCAL YEAR 1993**

TABLE FE-9  
SHEET 2 OF 2  
AUGUST 1994

(THOUSANDS OF DOLLARS)

STATE	MASS TRANSIT ACCOUNT					GRAND TOTAL	STATE
	GASOLINE			SPECIAL FUELS	TOTAL		
	GASOLINE	GASOHOL	TOTAL				
Alabama	27,798	4,148	31,946	8,141	40,087	373,085	Alabama
Alaska	3,542	-	3,542	736	4,278	40,141	Alaska
Arizona	26,262	-	26,262	5,195	31,457	293,155	Arizona
Arkansas	18,125	366	18,491	5,980	24,471	245,106	Arkansas
California	198,996	887	199,883	29,481	229,364	2,054,813	California
Colorado	20,548	2,117	22,665	3,308	25,973	225,151	Colorado
Connecticut	18,976	751	19,727	2,793	22,520	198,417	Connecticut
Delaware	5,095	-	5,095	774	5,869	52,850	Delaware
Dist. of Col.	2,532	-	2,532	311	2,843	24,996	Dist. of Col.
Florida	87,885	1,286	89,171	13,297	102,468	915,993	Florida
Georgia	52,464	343	52,807	13,109	65,916	634,123	Georgia
Hawaii	5,581	-	5,581	382	5,963	49,862	Hawaii
Idaho	6,550	656	7,206	1,918	9,124	86,576	Idaho
Illinois	43,893	23,366	67,259	13,549	80,808	671,085	Illinois
Indiana	29,568	9,577	39,145	11,220	50,365	462,467	Indiana
Iowa	11,540	7,671	19,211	4,904	24,115	205,913	Iowa
Kansas	16,458	939	17,397	3,915	21,312	198,997	Kansas
Kentucky	22,650	5,440	28,090	7,950	36,040	335,263	Kentucky
Louisiana	26,604	1,247	27,851	5,185	33,036	300,833	Louisiana
Maine	8,805	-	8,805	1,686	10,491	97,337	Maine
Maryland	30,821	-	30,821	5,090	35,911	326,699	Maryland
Massachusetts	35,185	-	35,185	3,751	38,936	337,491	Massachusetts
Michigan	55,970	7,676	63,646	8,409	72,055	610,891	Michigan
Minnesota	20,478	9,707	30,185	5,224	35,409	289,214	Minnesota
Mississippi	18,956	-	18,956	5,104	24,060	234,928	Mississippi
Missouri	37,640	3,772	41,412	9,603	51,015	473,046	Missouri
Montana	6,433	75	6,508	1,863	8,371	82,293	Montana
Nebraska	5,381	5,543	10,924	3,697	14,621	128,492	Nebraska
Nevada	9,114	1,069	10,183	2,271	12,454	114,259	Nevada
New Hampshire	7,688	-	7,688	756	8,444	72,647	New Hampshire
New Jersey	48,509	-	48,509	5,529	54,038	471,446	New Jersey
New Mexico	10,682	1,619	12,301	3,364	15,665	147,529	New Mexico
New York	81,706	-	81,706	12,369	94,075	846,713	New York
North Carolina	48,120	441	48,561	9,538	58,099	539,332	North Carolina
North Dakota	3,976	832	4,808	1,506	6,314	60,246	North Dakota
Ohio	48,999	18,623	67,622	14,331	81,953	704,415	Ohio
Oklahoma	24,913	-	24,913	5,876	30,789	294,441	Oklahoma
Oregon	17,295	2,851	20,146	4,913	25,059	230,632	Oregon
Pennsylvania	68,143	-	68,143	14,628	82,771	780,459	Pennsylvania
Rhode Island	5,483	-	5,483	589	6,072	52,669	Rhode Island
South Carolina	26,830	-	26,830	5,735	32,565	306,873	South Carolina
South Dakota	3,312	2,378	5,690	1,574	7,264	62,705	South Dakota
Tennessee	34,067	2,897	36,964	8,848	45,812	428,681	Tennessee
Texas	121,502	3,695	125,197	24,110	149,307	1,372,986	Texas
Utah	11,303	38	11,341	2,682	14,023	134,015	Utah
Vermont	4,333	-	4,333	882	5,215	48,802	Vermont
Virginia	43,721	1,541	45,262	8,741	54,003	496,073	Virginia
Washington	28,433	6,304	34,737	5,682	40,419	344,636	Washington
West Virginia	11,881	626	12,507	2,932	15,439	145,255	West Virginia
Wisconsin	28,956	2,386	31,342	7,224	38,566	358,933	Wisconsin
Wyoming	3,628	771	4,399	2,566	6,965	75,549	Wyoming
<b>Total</b>	<b>1,537,330</b>	<b>131,638</b>	<b>1,668,968</b>	<b>323,221</b>	<b>1,992,189</b>	<b>18,038,513</b>	<b>Total</b>

<sup>1</sup> 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.

**COMPARISON OF FEDERAL HIGHWAY TRUST FUND RECEIPTS ATTRIBUTABLE TO THE STATES  
AND FEDERAL-AID APPORTIONMENTS AND ALLOCATIONS FROM THE FUND<sup>1</sup>**

**FISCAL YEARS 1957 - 1993**

(THOUSANDS OF DOLLARS)

TABLE FE-221  
AUGUST 1994

STATE	PAYMENTS INTO THE FUND <sup>2</sup>				APPORTIONMENTS AND ALLOCATIONS FROM THE FUND <sup>3</sup>				RATIO OF APPORTIONMENTS AND ALLOCATIONS TO PAYMENTS	
	FISCAL YEAR 1993	PERCENT OF TOTAL	CUMULATED SINCE 7-1-56	PERCENT OF TOTAL	FISCAL YEAR 1993	PERCENT OF TOTAL	CUMULATED SINCE 7-1-56	PERCENT OF TOTAL	FISCAL YEAR 1993	CUMULATED SINCE 7-1-56
Alabama	332,998	2.075	5,045,199	1.914	325,297	1.600	5,985,426	1.981	0.98	1.19
Alaska	35,863	0.223	508,196	0.193	215,828	1.061	3,687,484	1.221	6.02	7.26
Arizona	261,698	1.631	3,537,078	1.342	297,570	1.463	4,593,825	1.521	1.14	1.30
Arkansas	220,635	1.375	3,380,313	1.282	271,576	1.336	3,321,259	1.099	1.23	0.98
California	1,825,449	11.376	27,172,416	10.309	2,090,789	10.283	25,256,262	8.360	1.15	0.93
Colorado	199,178	1.241	3,375,173	1.280	255,736	1.258	4,681,522	1.550	1.28	1.39
Connecticut	175,897	1.096	3,153,281	1.196	362,982	1.785	5,534,822	1.832	2.06	1.76
Delaware	46,981	0.293	783,327	0.297	78,756	0.387	1,183,149	0.392	1.68	1.51
Dist. of Col.	22,153	0.138	494,462	0.188	107,181	0.527	2,084,199	0.690	4.84	4.22
Florida	813,525	5.070	11,346,357	4.305	831,913	4.091	10,301,942	3.410	1.02	0.91
Georgia	568,207	3.541	8,105,896	3.075	546,279	2.687	7,877,738	2.608	0.96	0.67
Hawaii	43,899	0.274	672,959	0.255	310,330	1.526	2,630,534	0.871	7.07	3.91
Idaho	77,452	0.483	1,237,884	0.470	142,516	0.701	2,264,745	0.750	1.84	1.83
Illinois	590,277	3.679	11,234,301	4.262	768,241	3.778	12,578,324	4.163	1.30	1.12
Indiana	412,102	2.568	7,111,985	2.698	414,583	2.039	6,249,956	2.069	1.01	0.88
Iowa	181,798	1.133	3,678,530	1.396	246,229	1.211	4,281,980	1.417	1.35	1.16
Kansas	177,685	1.107	3,374,865	1.280	224,158	1.102	3,809,784	1.261	1.26	1.13
Kentucky	299,223	1.865	4,396,842	1.668	334,750	1.646	5,014,547	1.660	1.12	1.14
Louisiana	267,797	1.669	4,841,136	1.837	301,232	1.481	6,471,585	2.142	1.12	1.34
Maine	86,846	0.541	1,437,692	0.545	124,017	0.610	1,601,070	0.530	1.43	1.11
Maryland	290,788	1.812	4,611,987	1.750	314,881	1.549	7,157,413	2.369	1.08	1.55
Massachusetts	298,555	1.861	5,401,958	2.049	1,080,720	5.315	8,474,760	2.805	3.62	1.57
Michigan	538,836	3.358	9,844,266	3.735	536,649	2.639	8,873,362	2.937	1.00	0.90
Minnesota	253,805	1.582	4,768,165	1.809	397,099	1.953	6,224,666	2.060	1.56	1.31
Mississippi	210,868	1.314	3,300,012	1.252	210,923	1.037	3,409,603	1.129	1.00	1.03
Missouri	422,031	2.630	6,806,247	2.582	445,612	2.192	6,668,825	2.207	1.06	0.98
Montana	73,922	0.461	1,273,789	0.483	190,266	0.936	3,173,156	1.050	2.57	2.49
Nebraska	113,871	0.710	2,150,218	0.816	160,658	0.790	2,552,084	0.845	1.41	1.19
Nevada	101,805	0.634	1,247,712	0.473	135,534	0.667	2,123,491	0.703	1.33	1.70
New Hampshire	64,203	0.400	1,013,838	0.385	89,658	0.441	1,472,648	0.487	1.40	1.45
New Jersey	417,408	2.601	7,812,598	2.964	551,277	2.711	7,925,185	2.623	1.32	1.01
New Mexico	131,864	0.822	2,043,751	0.775	197,793	0.973	2,900,331	0.960	1.50	1.42
New York	752,638	4.690	13,409,446	5.087	1,015,240	4.993	16,097,763	5.328	1.35	1.20
North Carolina	481,233	2.999	7,561,628	2.869	491,946	2.419	6,462,093	2.139	1.02	0.85
North Dakota	53,932	0.336	970,025	0.368	121,722	0.599	1,884,017	0.624	2.22	1.94
Ohio	622,462	3.879	11,993,820	4.550	677,122	3.330	11,035,083	3.653	1.09	0.92
Oklahoma	263,652	1.643	4,546,607	1.725	266,711	1.312	3,924,332	1.299	1.01	0.86
Oregon	205,573	1.281	3,452,754	1.310	246,949	1.215	4,228,139	1.400	1.20	1.22
Pennsylvania	697,688	4.348	12,155,656	4.612	916,227	4.506	13,780,667	4.561	1.31	1.13
Rhode Island	46,597	0.290	868,317	0.329	121,211	0.596	1,936,812	0.641	2.60	2.23
South Carolina	274,308	1.709	3,979,034	1.510	227,616	1.119	3,624,272	1.200	0.83	0.91
South Dakota	55,441	0.346	1,037,131	0.393	122,052	0.600	2,034,115	0.673	2.20	1.96
Tennessee	382,869	2.386	6,030,231	2.288	372,525	1.832	6,244,062	2.067	0.97	1.04
Texas	1,223,679	7.626	20,167,374	7.651	1,196,548	5.885	17,341,659	5.740	0.98	0.86
Utah	119,992	0.748	1,795,693	0.681	136,427	0.671	3,239,785	1.072	1.14	1.80
Vermont	43,587	0.272	631,436	0.240	81,674	0.402	1,471,729	0.487	1.87	2.33
Virginia	442,070	2.755	6,575,316	2.495	444,053	2.184	7,941,568	2.629	1.00	1.21
Washington	304,217	1.896	4,761,607	1.806	464,431	2.284	7,788,388	2.578	1.53	1.64
West Virginia	129,816	0.809	2,152,078	0.816	224,793	1.106	4,541,822	1.503	1.73	2.11
Wisconsin	320,367	1.997	5,273,171	2.001	358,348	1.762	4,622,589	1.530	1.12	0.88
Wyoming	68,584	0.427	1,061,473	0.403	140,182	0.689	2,169,189	0.718	2.04	2.04
<b>Total</b>	<b>16,046,324</b>	<b>100.000</b>	<b>263,585,230</b>	<b>100.000</b>	<b>20,333,159</b>	<b>100.000</b>	<b>302,115,391</b>	<b>100.000</b>	<b>1.27</b>	<b>1.15</b>
American Samoa	-	-	-	-	10,470	0.051	32,697	0.011	-	-
Guam	-	-	-	-	28,222	0.139	87,418	0.029	-	-
N. Marianas	-	-	-	-	3,786	0.019	20,946	0.007	-	-
Puerto Rico	-	-	-	-	86,163	0.424	1,152,737	0.382	-	-
Virgin Islands	-	-	-	-	17,718	0.087	87,832	0.029	-	-

<sup>1</sup> Payments into the Fund include only the net tax receipts deposited in the Highway Account of the Federal Highway Trust Fund. Excluded are motor fuel taxes transferred to the Mass Transit Account of the Highway Trust Fund (1 cent per gallon from April 1, 1983 through November 30, 1990, 1.5 cents per gallon thereafter); the 0.1 cent per gallon tax dedicated to the Leaking Underground Storage Tank Trust Fund beginning January 1, 1987; and the tax designated for deficit reduction (2.5 cents per gallon from December 1, 1990 through September 30, 1993, 6.8 cents thereafter); and the tax from motorboat use of gasoline transferred to the Aquatic Resources Trust Fund and the Land and Water Conservation Fund. Apportionments include fiscal year 1994 Interstate construction funds apportioned during fiscal year 1993.

<sup>2</sup> 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.

<sup>3</sup> Includes all funds apportioned or allocated from the Highway Trust Fund except for the following programs: Indian reservation roads, highway safety information, and local 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, and alcohol safety incentive grants.

HIGHWAY USE OF MOTOR FUEL - 1992<sup>1</sup>

(THOUSANDS OF GALLONS)

TABLE MF-27  
AUGUST 1994

STATE	GASOLINE	GASOHOL	SPECIAL FUELS	TOTAL	PERCENT OF GRAND TOTAL
Alabama	1,846,988	278,188	551,926	2,677,102	2.000
Alaska	235,343	-	49,869	285,212	0.213
Arizona	1,744,958	-	352,181	2,097,139	1.567
Arkansas	1,204,299	24,542	405,441	1,634,282	1.221
California	13,221,974	59,488	1,998,741	15,280,203	11.416
Colorado	1,365,273	141,985	224,266	1,731,524	1.294
Connecticut	1,260,868	50,379	189,394	1,500,641	1.121
Delaware	338,513	-	52,503	391,016	0.292
Dist. of Col.	168,246	-	21,092	189,338	0.141
Florida	5,839,432	86,269	901,509	6,827,210	5.100
Georgia	3,485,877	22,973	888,773	4,397,623	3.285
Hawaii	370,792	-	25,912	396,704	0.296
Idaho	435,206	43,998	130,069	609,273	0.455
Illinois	2,916,392	1,567,123	918,598	5,402,113	4.036
Indiana	1,964,590	642,291	760,720	3,367,601	2.516
Iowa	766,751	514,418	332,503	1,613,672	1.206
Kansas	1,093,537	62,980	265,462	1,421,979	1.062
Kentucky	1,504,972	364,840	539,012	2,408,824	1.800
Louisiana	1,767,674	83,603	351,535	2,202,812	1.646
Maine	585,045	-	114,339	699,384	0.522
Maryland	2,047,839	-	345,063	2,392,902	1.788
Massachusetts	2,337,839	-	254,322	2,592,161	1.937
Michigan	3,718,884	514,814	570,147	4,803,845	3.589
Minnesota	1,360,651	651,007	354,154	2,365,812	1.767
Mississippi	1,259,490	-	346,023	1,605,513	1.199
Missouri	2,500,915	252,989	651,097	3,405,001	2.544
Montana	427,407	5,006	126,314	558,727	0.417
Nebraska	357,541	371,792	250,632	979,965	0.732
Nevada	605,559	71,687	153,997	831,243	0.621
New Hampshire	510,788	-	51,273	562,061	0.420
New Jersey	3,223,142	-	374,846	3,597,988	2.688
New Mexico	709,729	108,560	228,072	1,046,361	0.782
New York	5,428,866	-	838,520	6,267,386	4.682
North Carolina	3,197,303	29,558	646,668	3,873,529	2.894
North Dakota	264,201	55,768	102,117	422,086	0.315
Ohio	3,255,681	1,249,015	971,630	5,476,326	4.091
Oklahoma	1,655,335	-	398,416	2,053,751	1.534
Oregon	1,149,154	191,196	333,093	1,673,443	1.250
Pennsylvania	4,527,647	-	991,763	5,519,410	4.123
Rhode Island	364,295	-	39,935	404,230	0.302
South Carolina	1,782,673	-	388,843	2,171,516	1.622
South Dakota	220,083	159,473	106,726	486,282	0.363
Tennessee	2,263,520	194,319	599,877	3,057,716	2.284
Texas	8,073,068	247,821	1,634,543	9,955,432	7.438
Utah	751,013	2,529	181,825	935,367	0.699
Vermont	287,895	-	59,821	347,716	0.260
Virginia	2,905,011	103,386	592,653	3,601,050	2.690
Washington	1,889,200	422,805	385,237	2,697,242	2.015
West Virginia	789,449	41,978	198,771	1,030,198	0.770
Wisconsin	1,923,925	160,048	489,743	2,573,716	1.923
Wyoming	241,036	51,682	173,984	466,702	0.349
Total	102,145,869	8,828,510	21,913,950	132,888,329	99.278
Puerto Rico	870,126	-	95,691	965,817	0.722
Grand Total	103,015,995	8,828,510	22,009,641	133,854,146	100.000

<sup>1</sup> The highway use of fuel shown in this table was used in the development of 1993 tables FE-9 and FE-221. The data for a number of States have been revised since the publication of "Highway Statistics, 1992."

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

TABLE FC-101  
SHEET 1 OF 2  
AUGUST 1994

EFFECTIVE DATE OF NEW TAX OR REVISION OF EXISTING TAX	GASOLINE (CENTS PER GALLON) <sup>2</sup>	GASOLINE (CENTS PER GALLON)	DIESEL FUEL (CENTS PER GALLON) <sup>3</sup>	SPECIAL FUEL (CENTS PER GALLON) <sup>4</sup>	LUBRICATING OIL (CENTS PER GALLON) <sup>5</sup>	AUTOMOBILES (PERCENT OF MANUFACTURER'S SALES PRICE)	MOTORCYCLES (PERCENT OF MANUFACTURER'S SALES PRICE)	BUSES (PERCENT OF MANUFACTURER'S SALES PRICE)	TRUCKS <sup>6</sup>	TRAILERS <sup>6</sup>	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES <sup>7</sup>	TUBES <sup>7</sup>	TREAD RUBBER (CENTS PER POUND) <sup>7</sup>	USE
October 4, 1917	-	-	-	-	-	3 percent	3 percent	3 percent	3 percent	-	-	-	-	-	-
January 1, 1919	-	-	-	-	-	V	V	V	V	-	-	-	-	-	Automobiles for hire \$10 for 7 or fewer passengers; \$20 for over 7 passengers
February 26, 1919	-	-	-	-	-	5 percent	5 percent	5 percent	5 percent	-	5 percent	5 percent	5 percent	-	V
July 9, 1924	-	-	-	-	-	V	V	V	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	-	V
February 26, 1926	-	-	-	-	-	V	V	V	Repealed	-	Repealed	Repealed	Repealed	-	V
March 29, 1926	-	-	-	-	-	V	V	V	Repealed	-	Repealed	Repealed	Repealed	-	V
June 30, 1926	-	-	-	-	-	3 percent	3 percent	3 percent	3 percent	-	2 percent	2.25c per pound	4c	-	-
May 29, 1928	-	-	-	-	-	Repealed	Repealed	Repealed	V	-	V	V	V	-	-
June 21, 1932	1c	(9)	-	-	4c	3 percent	3 percent	3 percent	2 percent	-	V	V	V	-	-
June 17, 1933	1.5c	V	V	V	V	V	V	V	V	-	V	V	V	-	-
January 1, 1934	1c	V	V	V	V	V	V	V	V	-	V	V	V	-	-
July 1, 1940	1.5c	V	V	V	4.5c	3.5 percent	3.5 percent	3.5 percent	2.5 percent	-	2.5 percent	2.5c per pound	4.5c	-	-
October 1, 1941	V	V	V	V	V	7 percent	7 percent	5 percent	5 percent	House trailers, 7 percent; others, 5 percent	5 percent	5c per pound	9c per pound	-	-
February 1, 1942	V	V	V	V	V	V	V	V	V	V	V	V	V	-	-
November 1, 1942	V	V	V	V	V	V	V	V	V	V	V	V	V	-	-
June 30, 1946	V	V	V	V	6c	V	V	V	V	V	V	V	V	-	-
November 1, 1951	2c	V	2c	2c	V	10 percent	10 percent	8 percent	8 percent	8 percent	8 percent	V	V	-	-
September 1, 1955	V	V	V	V	V	V	Repealed	V	V	V	V	V	V	-	-
July 1, 1956	3c	V	3c	3c	V	V	V	10 percent	10 percent	10 percent	V	8c per pound	V	-	Annual tax on motor vehicles over 1,000 pounds weight, \$1.50 per 1,000 pounds <sup>11</sup>
October 1, 1959	4c	V	4c	4c	V	V	V	V	V	V	V	V	V	-	V
July 1, 1961	V	V	V	V	V	V	V	V	V	V	V	V	V	-	V
June 22, 1965	V	V	V	V	V	V	V	V	V	V	V	V	V	-	V
January 1, 1966	V	V	V	V	V	7 percent <sup>12</sup>	6 percent	10 percent <sup>10</sup>	10 percent <sup>10</sup>	10 percent <sup>10</sup>	8 percent <sup>13</sup>	V	V	-	V
March 15, 1959	V	V	V	V	V	6c	6c	V	V	V	V	V	V	-	V
August 15, 1971	V	V	V	V	V	7 percent	7 percent	V	V	V	V	V	V	-	V
November 10, 1978	4c 15	V	4c 15	4c 15	6c 15	Repealed <sup>15</sup>	-	Repealed <sup>15</sup>	V	V	8 percent <sup>15, 16</sup>	10c per pound	10c per pound <sup>15</sup>	5c 15	V
January 1, 1979	4c 14.15	V	V	4c 14.15	6c 14.15	V	V	V	V	V	V	V	V	-	V
January 1, 1981	V	V	V	V	V	V	V	V	V	V	V	V	V	-	V
January 7, 1983	V	V	V	V	V	V	V	V	V	V	V	V	V	-	V
April 1, 1983	9c 15.19	V	9c 15.19	9c 4.15	Repealed	-	-	10 percent <sup>10, 18</sup>	12 percent <sup>10, 18</sup>	12 percent <sup>10, 18</sup>	Repealed	V	V	-	V

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

TABLE FE-101  
SHEET 2 OF 2  
AUGUST 1994

EFFECTIVE DATE OF NEW TAX OR REVISION OF EXISTING TAX	GASOLINE (CENTS PER GALLON) <sup>2</sup>	GASOHOL (CENTS PER GALLON)	DIESEL FUEL (CENTS PER GALLON) <sup>3</sup>	SPECIAL FUEL (CENTS PER GALLON) <sup>4</sup>	LUBRICATING OIL (CENTS PER GALLON) <sup>5</sup>	AUTOMOBILES (PERCENT OF MANUFACTURER'S SALES PRICE)	MOTORCYCLES (PERCENT OF MANUFACTURER'S SALES PRICE)	BUSES (PERCENT OF MANUFACTURER'S SALES PRICE)	TRUCKS <sup>6</sup>	TRAILERS <sup>6</sup>	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES <sup>7</sup>	TUBES <sup>7</sup>	TREAD RUBBER (CENTS PER POUND) <sup>8</sup>	USE
January 1, 1984	V	V	V	V					V	V		15¢ per pound over 40 to 70 pounds; \$4.50 plus 30¢ per 70 to 90 pound case; \$10.50 plus 50¢ per pound over 90 pounds	Repealed	Repealed	V
July 1, 1984	V	V	V	V					V	V		V			V
August 1, 1984	V	V	V	V					V	V		V			V
January 1, 1985	V	V	V	V					V	V		V			V
January 1, 1987	9.1¢ 15.1¢ 19.2¢	3.1¢ 22	15.1¢ 15.19¢ 21.2¢	V					V	V		V			V
December 1, 1990	14.1¢ 15.1¢ 19.2¢ 23.2¢	8.7¢ 8.1¢ 12.2¢ 23.2¢	20.1¢ 15.19¢ 21.2¢ 23.2¢	14¢ 4.15¢ 23					V	V		V			V
January 1, 1993	V	V	V	V					V	V		V			V
October 1, 1993 <sup>9</sup>	18.4¢ 15.19¢ 22.2¢	13.8¢ 12.4¢ 22.2¢ 24.2¢	24.4¢ 15.19¢ 21.2¢ 25	18.3¢ 4.15¢ 25					V	V		V			V
Scheduled change under existing laws	Termination Oct. 1, 1999; 25.27	Termination Oct. 1, 1999; 25.27	Termination Oct. 1, 1999; 25.27	Termination Oct. 1, 1999; 25.27					Termination Oct. 1, 1999	Termination Oct. 1, 1999		Termination Oct. 1, 1999			Termination Oct. 1, 1999

<sup>1</sup> The focus of this table is on the Federal taxes on motor vehicles and related products used on highways. The detail provided for other uses is incomplete. Most of the revenue raised by the taxes described is dedicated to the Federal Highway Trust Fund for the financing of highway and transit programs.

<sup>2</sup> Includes the product commonly or commercially known as sold as gasoline and suitable for use as a motor fuel with an octane rating of at least 87.

<sup>3</sup> Includes the product commonly or commercially known as sold as diesel fuel and suitable for use as a motor fuel with an octane rating of at least 87.

<sup>4</sup> Includes the product commonly or commercially known as sold as special fuel and suitable for use as a motor fuel with an octane rating of at least 87.

<sup>5</sup> 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 used by certain local transit systems through November 30, 1978. Gasoline used by State and local governments and nonprofit educational institutions is not taxed or tax is refunded if paid.

<sup>6</sup> Until April 1, 1983, 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. Effective April 1, 1983, the tax applies to only liquid suitable for use as a motor fuel and is not refundable for other uses. Diesel fuel used for other purposes than highway use is not taxed or tax is refunded if paid.

<sup>7</sup> Special fuels include liquefied petroleum gases (propane, butane), benzol, benzene, and naphtha and other liquid (except gasoline, gasohol, and diesel fuel otherwise taxable, kerosene, gas oil or fuel oil when used in a taxable way. The rates shown are for propane, the most commonly used special fuel. Through March 31, 1983, the tax applies to all special fuels used in a highway vehicle registered for highway use. Special fuel used for nonhighway uses, through December 31, 1978, and for gasoline used by certain local transit systems through November 30, 1978, is fully refundable. Diesel fuel used by State and local governments and nonprofit educational institutions is not taxed or tax is refunded if paid. Effective January 1, 1979 through March 31, 1983, only off-highway business use (rather than other off-highway use) is subject to the 2-cent exemption.

<sup>8</sup> The tax originally applied to all lubricating oil regardless of use.

<sup>9</sup> Percent of manufacturer's sales price through March 31, 1985; percent of retailer's sales price thereafter.

<sup>10</sup> Percent of manufacturer's sales price for tax-exempt vehicles through March 31, 1982; percent of manufacturer's sales price for tax-exempt vehicles thereafter.

<sup>11</sup> The tax applies to tires for highway vehicles only. Laminated tires are taxed 1 cent per pound effective July 1, 1965. Effective January 1, 1981, apply to tires for highway vehicles only. Laminated tires are taxed 1 cent per pound effective July 1, 1965. Effective January 1, 1984, tires of 80 pounds or less are exempt.

<sup>12</sup> Applies to tires of the type used on highway vehicles.

<sup>13</sup> Gasohol was not defined in Federal tax law until January 1, 1979. The products later defined as gasohol were taxable, to the extent they satisfied, under the provisions of the Gasohol Tax Act, effective January 1, 1979; gasohol was defined to be a blend of gasoline and at least 10 percent (by volume) alcohol.

<sup>14</sup> The tax applies to motor vehicles, trailers, and trailers for use as motor vehicles, effective November 1, 1951. The additional 3 cents per pound, effective July 1, 1956, and 2 cents per pound, effective July 1, 1961, apply to tires for highway vehicles only. Laminated tires are taxed 1 cent per pound effective July 1, 1965. Effective January 1, 1984, tires of 80 pounds or less are exempt.

<sup>15</sup> Applies to tires of the type used on highway vehicles.

<sup>16</sup> Gasohol was not defined in Federal tax law until January 1, 1979. The products later defined as gasohol were taxable, to the extent they satisfied, under the provisions of the Gasohol Tax Act, effective January 1, 1979; gasohol was defined to be a blend of gasoline and at least 10 percent (by volume) alcohol.

<sup>17</sup> The tax applies to motor vehicles, trailers, and trailers for use as motor vehicles, effective November 1, 1951. The additional 3 cents per pound, effective July 1, 1956, and 2 cents per pound, effective July 1, 1961, apply to tires for highway vehicles only. Laminated tires are taxed 1 cent per pound effective July 1, 1965. Effective January 1, 1984, tires of 80 pounds or less are exempt.

<sup>18</sup> The tax on nonhighway tires is 4.875 cents per pound except laminated tires are taxable at 5.875 cents per pound. The tax on highway tires is 33.000 pounds of gross weight. Effective July 15, 1984, 200-packs of tires are taxed at 6 percent through July 17, 1985.

<sup>19</sup> The diesel fuel tax is imposed on any liquid suitable for use as a fuel in a diesel-powered vehicle or train. Off-highway business use is exempt from stated taxes. Effective January 1, 1983 through September 30, 1985, a 4-cent refund can be claimed for certain taxcab use.

<sup>20</sup> The effective date for the rate change for small owner-operator with 5 or fewer taxable trucks is July 1, 1985. Rate is reduced by 25 percent for logging trucks. Trucks used less than 5,000 miles (farm trucks 7,500 miles) per year are taxable at 10 percent. Trucks with gross weights under 55,000 pounds are exempt. Effective July 1, 1985, the tax on trucks in Canada and Mexico still be taxed at 75 percent of the rate before they can operate in the United States. Previously in 1984, the 10 percent rate had become effective on a temporary basis November 1, 1981, remained in effect through periodic extensions until the tax was repealed.

<sup>21</sup> After January 1, 1985 and before January 1, 1999, 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.

<sup>22</sup> Includes 0.1 cent per gallon tax dedicated to the Leaking Underground Storage Tank Trust Fund effective January 1, 1987. Collection of the tax was suspended for the period September 1, 1987 through December 1, 1990.

<sup>23</sup> Includes 2.5 cents per gallon tax for the period September 1, 1987 through December 1, 1990.

<sup>24</sup> Includes 2.5 cents per gallon tax for the period September 1, 1987 through December 1, 1990.

<sup>25</sup> The definition of gasohol is expanded. The original definition is retained and called 10 percent gasohol and continues to be taxed at 8.7 cents and 8.1 cents for ethanol and methanol blends respectively. Blends with at least 7.7 percent alcohol but less than 10 percent are taxed at 9.92 cents and 9.48 cents. Blends with at least 5.7 percent alcohol but less than 7.7 percent are taxed at 10.22 cents and 10.68 cents. Effective October 1, 1993, the rates for 5.7 percent gasohol are 14.24¢ cents and 13.76 cents respectively for ethanol blends and methanol blends; the rates for 5.7 percent gasohol are 15.22¢ cents and 14.76 cents respectively for ethanol blends and methanol blends; the rates for 5.7 percent gasohol are 15.22¢ cents and 14.76 cents respectively for ethanol blends and methanol blends; the rates for 5.7 percent gasohol are 15.22¢ cents and 14.76 cents respectively for ethanol blends and methanol blends; the rates for 5.7 percent gasohol are 15.22¢ cents and 14.76 cents respectively for ethanol blends and methanol blends.

<sup>26</sup> The 0.1 cent per gallon tax is not levied on natural gas is not taxed. Thereafter it is taxed at 4.3 cents per gallon for deficit reduction. 4.3 cents for deficit reduction does not terminate.

FEDERAL EXCISE TAXES ON HIGHWAY MOTOR FUEL <sup>1</sup>OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

(CENTS PER GALLON)

TABLE FE-21  
AUGUST 1994

FUEL TYPE	TAX RATE	EFFECTIVE DATE	DISTRIBUTION OF TAX				
			HIGHWAY TRUST FUND		LEAKING UNDERGROUND STORAGE TANK TRUST FUND	GENERAL FUND FOR:	
			HIGHWAY ACCOUNT	MASS TRANSIT ACCOUNT		DEFICIT REDUCTION	NOT SPECIFIED
Gasoline	14.1	12/01/90	10	1.5	0.1	2.5	-
	18.4	10/01/93	10	1.5	0.1	6.8	-
	18.4	10/01/95	12	2	0.1	4.3	-
Diesel fuel	20.1	12/01/90	16	1.5	0.1	2.5	-
	24.4	10/01/93	16	1.5	0.1	6.8	-
	24.4	10/01/95	18	2	0.1	4.3	-
Liquefied petroleum gases	14	12/01/90	10	1.5	-	2.5	-
	18.3	10/01/93	10	1.5	-	6.8	-
	18.3	10/01/95	12	2	-	4.3	-
Compressed natural gas <sup>2</sup>	4.3	10/01/93	-	-	-	4.3	-
Neat alcohol (85% alcohol) made with:							
Ethanol from natural gas	7.1	12/01/90	3.15	1.5	0.1	1.75	0.6
	11.4	10/01/93	3.15	1.5	0.1	6.05	0.6
	11.4	10/01/95	4.4	2	0.1	4.3	0.6
Methanol from natural gas	7.1	12/01/90	3.75	1.5	0.1	1.75	-
	11.4	10/01/93	3.75	1.5	0.1	6.05	-
	11.4	10/01/95	5	2	0.1	4.3	-
Ethanol not from natural gas	8.65	12/01/90	4	1.5	0.05	2.5	0.6
	12.95	10/01/93	4	1.5	0.05	6.8	0.6
	12.95	10/01/95	6	2	0.05	4.3	0.6
Methanol not from natural gas	8.05	12/01/90	4	1.5	0.05	2.5	-
	12.35	10/01/93	4	1.5	0.05	6.8	-
	12.35	10/01/95	6	2	0.05	4.3	-
Gasohol <sup>3</sup>							
10 percent gasohol made with:							
Ethanol	8.7	12/01/90	4	1.5	0.1	2.5	0.6
	13	10/01/93	4	1.5	0.1	6.8	0.6
	13	10/01/95	6	2	0.1	4.3	0.6
Methanol	8.1	12/01/90	4	1.5	0.1	2.5	-
	12.4	10/01/93	4	1.5	0.1	6.8	-
	12.4	10/01/95	6	2	0.1	4.3	-
7.7 percent gasohol made with:							
Ethanol	9.942	01/01/93	5.842	1.5	0.1	2.5	-
	14.242	10/01/93	5.842	1.5	0.1	6.8	-
	14.242	10/01/95	7.842	2	0.1	4.3	-
Methanol	9.48	01/01/93	5.38	1.5	0.1	2.5	-
	13.78	10/01/93	5.38	1.5	0.1	6.8	-
	13.78	10/01/95	7.38	2	0.1	4.3	-
5.7 percent gasohol made with:							
Ethanol	11.022	01/01/93	6.922	1.5	0.1	2.5	-
	15.322	10/01/93	6.922	1.5	0.1	6.8	-
	15.322	10/01/95	8.922	2	0.1	4.3	-
Methanol	10.68	01/01/93	6.58	1.5	0.1	2.5	-
	14.98	10/01/93	6.58	1.5	0.1	6.8	-
	14.98	10/01/95	8.58	2	0.1	4.3	-

<sup>1</sup> This table shows the fuel tax rates, along with the allocation of the revenues derived from the tax, in effect during 1993 and subsequent changes as provided by the Energy Policy Act of 1992 and the Omnibus Budget Reconciliation Act of 1993.

<sup>2</sup> The tax on compressed natural gas is 48.54 cents per thousand cubic feet which is roughly equivalent to 4.3 cents per gallon.

<sup>3</sup> Section 1920 of the Energy Policy Act of 1992 expanded the definition of gasohol effective January 1, 1993. Prior to the Act, gasohol was defined as a blend of gasoline and at least 10 percent, by volume, fuel alcohol and blends containing less than 10 percent alcohol were taxed as gasoline. Under the Act, the product now called 10 percent gasohol corresponds to the old definition. Two additional types of gasohol are also defined. The term 7.7 percent gasohol includes gasoline-alcohol blends where the alcohol content is at least 7.7 percent but less than 10 percent. The term 5.7 percent gasohol includes gasoline-alcohol blends where the alcohol content is at least 5.7 percent but less than 7.7 percent.



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

FISCAL YEARS 1957-1993

(MILLIONS OF DOLLARS)

TABLE FE-201  
FEBRUARY 1994

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	3,096	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 <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 <sup>3</sup>											
Highways	6,530	577	20	19	338	236	9	48	7,777	1,076	8,853
Mass Transit	520	-	-	-	-	-	-	-	520	2	522
Total	7,050	577	20	19	338	236	9	48	8,297	1,078	9,375
1984											
Highways	9,169	320	8	4	864	180	(10)	(28)	10,507	1,026	11,533
Mass Transit	1,236	-	-	-	-	-	-	-	1,236	89	1,325
Total	10,405	320	8	4	864	180	(10)	(28)	11,743	1,115	12,858
1985											
Highways	9,812	224	(1)	(1)	1,396	379	(10)	1	11,800	1,106	12,906
Mass Transit	1,214	-	-	-	-	-	-	-	1,214	206	1,420
Total	11,026	224	(1)	(1)	1,396	379	(10)	1	13,014	1,312	14,326
1986											
Highways	10,254	320	-	-	1,144	533	(1)	1	12,251	1,054	13,305
Mass Transit	1,113	-	-	-	-	-	-	-	1,113	283	1,396
Total	11,367	320	-	-	1,144	533	(1)	1	13,364	1,337	14,701
1987											
Highways	10,158	292	-	-	724	620	-	(1)	11,793	934	12,727
Mass Transit	1,239	-	-	-	-	-	-	-	1,239	344	1,583
Total	11,397	292	-	-	724	620	-	(1)	13,032	1,278	14,310
1988											
Highways	10,647	334	-	-	1,277	581	-	(3) <sup>4</sup>	12,836	809	13,646
Mass Transit	1,278	-	-	-	-	-	-	-	1,278	384	1,661
Total	11,925	334	-	-	1,277	581	-	(3)	14,114	1,193	15,307
1989											
Highways	12,195	316	-	-	1,240	608	-	(1) <sup>4</sup>	14,358	776	15,134
Mass Transit	1,270	-	-	-	-	-	-	-	1,270	469	1,739
Total	13,465	316	-	-	1,240	608	-	(1)	15,628	1,245	16,873
1990											
Highways	10,522	255	-	-	1,112	584	-	-	12,472	961	13,433
Mass Transit	1,395	-	-	-	-	-	-	-	1,395	581	1,977
Total	11,917	255	-	-	1,112	584	-	-	13,868	1,542	15,410
1991											
Highways	12,514	357	-	-	1,047	575	-	1 <sup>4</sup>	14,494	810	15,304
Mass Transit	2,485	-	-	-	-	-	-	-	2,485	664	3,149
Total	14,999	357	-	-	1,047	575	-	1	16,979	1,474	18,453
1992											
Highways	13,913	257	-	-	874	620	-	-	15,664	908	16,572
Mass Transit	1,070	-	-	-	-	-	-	-	1,070	746	1,816
Total	14,983	257	-	-	874	620	-	-	16,734	-	18,388
1993											
Highways	13,912	305	-	-	1,199	630	-	-	16,046	818	16,864
Mass Transit	1,992	-	-	-	-	-	-	-	1,992	743	2,735
Total	15,904	305	-	-	1,199	630	-	-	18,038	1,561	19,599

<sup>1</sup> 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.

<sup>2</sup> The transition quarter includes the months of July, August, and September 1976.

<sup>3</sup> 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.

<sup>4</sup> Includes refunds of repealed taxes on inner tubes, tread rubber, lubricating oil, and truck parts and accessories.

APPORTIONMENT OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION<sup>1</sup>  
FOR FISCAL YEAR 1994 (FY 1995 INTERSTATE)

TABLE FA-4  
OCTOBER 1994

STATE	FY 1995		(THOUSANDS OF DOLLARS)											TOTAL <sup>3</sup>
	INTERSTATE CONSTRUCTION	NATIONAL HIGHWAY SYSTEM	SURFACE TRANSPORTATION PROGRAM	INTERSTATE MAINTENANCE	INTERSTATE HIGHWAY SUBSTITUTE	NINETY PERCENT MINIMUM ALLOCATION FUNDS	DONOR STATE BONUS	APPORTIONMENT ADJUSTMENT	BRIDGE PROGRAM	CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT	METROPOLITAN PLANNING	HIGHWAY SAFETY <sup>2</sup>		
Alabama	9,024	64,139	87,139	52,599	-	32,170	17,041	3,755	36,060	4,910	1,521	2,731	311,089	
Alaska	-	52,781	116,975	21,564	-	-	-	16,349	6,362	4,910	695	788	220,424	
Arizona	-	44,764	56,823	59,697	-	35,823	7,368	25,244	5,890	13,186	2,196	2,009	253,200	
Arkansas	-	38,416	47,329	30,358	-	33,203	8,453	25,244	27,827	4,910	695	1,816	207,766	
California	93,223	276,732	333,759	269,581	9,264	189,625	67,225	10,500	163,323	145,100	21,056	15,171	1,594,559	
Colorado	-	52,447	69,365	50,551	-	-	-	-	23,892	4,910	1,966	2,258	207,357	
Connecticut	8,230	56,790	84,205	35,127	55,166	-	-	-	68,445	23,106	2,080	1,692	334,791	
Delaware	-	17,037	26,446	13,919	-	-	-	1,389	6,427	4,910	695	788	71,611	
Dist. of Col.	15,480	17,705	21,333	13,919	579	-	-	-	13,375	4,910	695	788	88,784	
Florida	14,712	131,618	213,278	102,437	-	161,433	25,893	4,383	45,326	29,362	8,415	6,970	729,115	
Georgia	-	96,542	122,517	98,377	4,887	70,827	20,894	9,292	44,266	15,207	2,696	4,020	504,237	
Hawaii	-	17,371	66,119	13,919	-	-	-	-	18,163	4,910	695	788	121,965	
Idaho	-	26,056	40,106	25,033	-	-	-	13,357	6,362	4,910	695	1,025	117,544	
Illinois	-	129,614	166,927	96,719	-	-	-	70,151	92,347	48,118	7,010	6,521	617,407	
Indiana	-	72,824	101,705	63,023	23	50,566	36,898	677	35,288	11,066	2,226	3,413	377,709	
Iowa	-	52,447	66,754	38,502	-	-	-	12,396	38,405	4,910	779	2,353	216,547	
Kansas	-	47,771	50,639	39,455	-	-	-	11,535	40,699	4,910	842	2,420	198,271	
Kentucky	8,382	55,119	70,000	47,549	-	5,875	19,404	12,601	33,839	7,221	1,056	2,371	263,417	
Louisiana	-	55,453	50,316	49,771	-	-	-	38,820	51,698	4,910	1,842	2,488	255,298	
Maine	-	21,046	28,495	13,919	-	-	-	737	15,235	4,910	695	788	85,825	
Maryland	-	52,447	46,063	45,020	15,540	44,734	8,424	14,972	51,956	30,485	2,961	2,458	316,070	
Massachusetts	772,000	63,471	15,950	47,312	625	-	-	-	111,064	40,443	3,911	3,070	1,057,846	
Michigan	9,726	93,536	95,697	89,489	-	69,466	35,687	-	70,999	28,570	4,806	5,367	503,343	
Minnesota	-	58,126	81,248	52,857	1	-	-	-	25,286	4,910	1,960	3,245	227,633	
Mississippi	-	41,757	40,281	33,010	-	-	-	-	40,984	4,910	695	1,875	201,059	
Missouri	-	81,510	63,302	74,902	-	15,901	6,694	14,952	85,668	9,743	2,301	3,503	385,756	
Montana	-	36,746	47,367	43,297	-	27,936	19,590	16,236	10,160	4,910	695	1,044	160,455	
Nebraska	-	35,744	49,160	22,456	-	-	-	-	26,293	4,910	695	1,615	140,872	
Nevada	-	25,722	39,705	24,517	-	-	-	3,753	6,362	4,910	753	989	106,711	
New Hampshire	-	20,377	29,704	13,919	-	-	-	708	12,344	4,910	695	788	83,445	
New Jersey	56,497	87,188	89,783	31,102	12,506	-	-	32,582	118,584	56,647	5,481	3,850	494,220	
New Mexico	-	35,744	46,594	44,507	-	-	-	42,274	7,002	4,910	695	1,281	183,007	
New York	-	182,395	141,798	102,095	91,342	-	-	21,507	254,497	103,064	11,671	9,267	917,636	
North Carolina	14,610	84,516	110,149	56,442	-	57,657	15,861	31,370	64,883	12,136	2,078	3,941	453,643	
North Dakota	-	25,054	41,114	21,272	-	-	-	7,336	6,362	4,910	695	1,129	107,872	
Ohio	15,345	120,928	121,896	106,276	30,802	47,632	54,444	24,083	103,956	43,146	5,504	6,037	649,257	
Oklahoma	-	51,111	60,200	38,049	-	-	-	-	41,708	4,910	1,120	2,519	246,525	
Oregon	-	41,089	34,627	42,103	23	15,351	7,814	23,743	35,762	5,760	1,174	2,215	200,162	
Pennsylvania	-	137,297	46,336	73,692	2	12,589	6,983	17,837	35,762	59,365	5,959	6,537	762,579	
Rhode Island	-	17,371	21,334	13,919	-	53,342	21,280	101,701	257,068	6,537	9,403	788	1,154,640	
South Carolina	6,343	49,440	60,996	47,432	-	-	-	-	16,901	4,910	1,180	2,207	244,313	
South Dakota	-	27,727	41,315	25,587	-	-	-	11,486	27,364	4,910	1,122	1,122	123,261	
Tennessee	1,487	73,492	72,499	68,611	10,839	17,289	17,442	22,411	60,742	10,956	1,834	3,043	360,655	
Texas	21,091	227,826	315,245	209,884	-	119,393	44,312	-	99,606	97,313	9,403	10,567	1,154,640	
Utah	-	31,735	30,909	46,289	-	24,877	8,058	7,997	9,866	4,910	1,091	1,203	134,000	
Vermont	-	18,373	23,001	13,919	-	-	-	114	13,543	4,910	695	788	75,343	
Virginia	-	73,158	73,640	77,548	-	77,643	17,771	-	49,746	20,909	3,167	3,478	397,060	
Washington	10,204	58,794	46,950	59,324	-	27,350	12,388	63,166	54,656	15,622	2,658	2,983	354,095	
West Virginia	-	41,089	36,021	22,475	-	-	-	-	54,357	4,910	695	1,154	160,701	
Wisconsin	-	56,121	83,004	37,153	-	43,936	16,104	56,265	33,645	12,322	2,038	3,294	343,882	
Wyoming	-	27,727	35,424	34,303	-	-	-	3,375	6,362	4,910	695	788	113,584	
U.S. Total <sup>4</sup>	1,056,376	3,304,285	3,861,540	2,765,781	231,600	1,234,619	496,010	795,843	2,540,133	977,190	137,193	153,544	17,544,114	
American Samoa	-	-	-	-	-	-	-	-	-	-	-	-	3,768	
Guam	-	13,497	-	-	-	-	-	-	-	-	-	-	394	
N. Marianas	-	3,374	-	-	-	-	-	-	-	-	-	-	3,768	
Puerto Rico	-	19,542	26,107	12,528	-	-	-	-	-	-	-	-	394	
Virgin Islands	-	13,497	-	-	-	-	-	-	-	-	-	-	3,768	
Grand Total <sup>4</sup>	1,056,376	3,357,569	3,887,647	2,768,309	231,600	1,234,619	496,010	795,843	2,556,844	982,100	138,950	156,859	17,662,726	

<sup>1</sup> Apportioned pursuant to the Intermodal Surface Transportation Efficiency Act of 1991.  
<sup>2</sup> Does not include funds from the Mass Transit or the National Recreational Trails accounts of the Highway Trust fund.  
<sup>3</sup> Does not include funds from the following programs: Emergency Relief, Federal Lands Highway programs, Mandated projects, National Magnet Levitation Development, High-Speed Ground Transportation Development, and Intelligent Vehicle-Highway System, among others. These funds are allocated from the Highway Trust fund.  
<sup>4</sup> May not add due to rounding.

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

FISCAL YEAR 1993

TABLE FA-4A  
SEPTEMBER, 1994

LEGISLATION AND STRATEGIC PLANNING DIVISION  
OFFICE OF POLICY DEVELOPMENT

FUND	FACTORS	WEIGHT	STATUTE <sup>2</sup>	MINIMUM APPOINTMENT
Interstate System (For Completion Only)	Relative Federal Share of Cost to Complete the System <sup>3</sup>	1	104(b)(5)(A)	No Minimum
Interstate Maintenance	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 <sup>4</sup>	1	103(e)(4)	No Minimum
National Highway System (NHS)	1% to the Virgin Islands, Guam, American Samoa, and the Commonwealth of Northern Mariana Islands  99% to the States based on the percent share of apportioned funds for Fy 1987 - Fy 1991 for: Interstate 4R Primary Secondary Urban Bridge Replacement And Rehabilitation Interstate Construction (1/2% Minimum)	1	104(b)(1)	No Minimum
Bridge Replacement And Rehabilitation (R&R)	Relative Share of Total Cost of Deficient Bridges	1	144(e)	1/4 Percent (10 Percent Maximum)
Surface Transportation Program (STP)	Same as for NHS applied to the total to be apportioned for NHS, Interstate Maintenance, Bridge R&R, and STP adjusted so that no State can receive less than 70 percent of its percent FY 1987-91 apportionments and allocations (except for States that receive Interstate System apportionment of more than \$50 million in FY 1992). Each State's apportionment made for Interstate Maintenance, NHS And Bridge R&R is then deducted from these STP State apportionments with the remainder being each State's STP apportionment.	1	104(b)(3)	
Congestion Mitigation And Air Quality Improvement Program	Weighted Nonattainment Area Population of Each State Total Weighted Nonattainment Area Population of All States	1	104(b)(2)	1/2 Percent (42 Percent Maximum) <sup>5</sup>
Metropolitan Planning	Urbanized Area Population <sup>6</sup>	1	104(f)(2)	1/2 Percent
Highway Safety Programs	Total Population Public Road Mileage	3/4 1/4	402(c)	1/2 Percent (Territories, 1/4 Percent)

<sup>1</sup> Each state is guaranteed an amount sufficient to ensure that its percentage of total apportionments in each fiscal year and allocations from the prior fiscal year for Federal-Aid highway programs shall not be less than 90 percent of the percentage of estimated tax contributions to the Highway Trust fund, not including the Mass Transit Account (23 U.S.C. 157).  
<sup>2</sup> Denotes appropriate section in title 23 U.S.C. unless otherwise noted.  
<sup>3</sup> Apportionment factors are contained in the periodic reports, "A Revised Estimate of the Cost of Completing the National System of Interstate and Defense Highways", submitted to Congress as required in 23 U.S.C. 104(b)(5)(A).  
<sup>4</sup> Apportionment factors are contained in the periodic reports, "Revised Tables for Apportioning Fiscal Year Interstate Substitute Highway and Transit Funds," transmitted to Congress as required in 23 U.S.C. 103(e)(4).  
<sup>5</sup> No State with population over 15 million can receive more than 42 percent of the funds apportioned to those States.  
<sup>6</sup> Usually places of 50,000 or more persons. Definition contained in 23 U.S.C. 101(a).

ALLOCATION OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION<sup>1</sup> FOR FISCAL YEAR 1993

TABLE FA-4D  
MAY 1994

(THOUSANDS OF DOLLARS)

STATE	DISCRETIONARY				PROJECTS MANDATED BY ISTEA 2	EMERGENCY RELIEF	PARKWAYS AND PARKROADS	PUBLIC LANDS	FOREST HIGHWAYS	INTELLIGENT VEHICLE HIGHWAY SYSTEMS	MOTOR CARRIER SAFETY ASSISTANCE PROGRAM	OTHER 3	TOTAL
	INTERSTATE	INTERSTATE 4-R	BRIDGE REPLACEMENT & REHABILITATION	INTERSTATE									
Alabama	(4,840)				30,537	456	131		(176)		1,242	215	27,565
Alaska				(2)	11,314	11,314	(7)		6,221		253	(16,169)	1,610
Arizona	267				2,275	26,949	3,300	5,800	1,144	1,265	891	639	42,530
Arkansas					64,001	(199)	197		2,419	15	705	549	67,687
California				(1)	67,621	323,371	13,796	6,283	5,429	8,660	2,977	7,028	435,164
Colorado	9,927	15,000			541	3,820	66	2,854	7,189	1,470	1,175	1,827	43,869
Connecticut		12,917		9,794	14,805	2,617				234	864	(18,351)	22,880
Delaware										7,025	342	416	7,783
Dist. of Col.								3,361			342	73	11,007
Florida	(255)				4,258	72,299	(130)		(592)		254	1,036	106,096
Georgia	10,490				33,484	20,696	8	(220)	(264)	450	1,895	2,239	35,514
Hawaii	184,384				1,119	2,178						275	187,739
Idaho					13,127		62	2,197	9,427	530	1,014	2,461	28,818
Illinois		17,000			108,405	1,511		700		10,556	2,686	2,437	157,719
Indiana					17,696	(22)	42		(30)		1,772	16,621	36,079
Iowa					21,206	6,021	11			97	2,724	1,168	31,227
Kansas					13,613	10,983		(14)		400	1,310	1,194	27,486
Kentucky					70,635		(1)	400	17	1,458	1,211	408	73,728
Louisiana					13,582	3,092			191	1,381	1,381	1,385	34,201
Maine	14,155				34,889	261	195		(40)	140	597	2,127	38,169
Maryland			(473)		16,705		19,343			10	1,298	(20,366)	16,527
Massachusetts					1,100		10			50	1,360	11,933	14,853
Michigan	1,134				23,483	(6)	54		136	10,510	2,405	9,444	47,157
Minnesota	81,895				39,923	4,553	486	560	1,754	2,700	1,629	5,489	155,304
Mississippi					6,482		934		261		747	6,813	13,451
Missouri	(36)			(17)	26,865	29,012	4	518	665		2,152	2,726	61,889
Montana					3,356	4,856	3,546	7,200	7,778		515	1,721	24,116
Nebraska		9,292			2,208		196		(155)	400	932	1,332	19,061
Nevada					19,682		3,588	4,500	89	400	543	499	29,301
New Hampshire					5,986			(1)	(595)	5	271	830	6,496
New Jersey					37,834	3,687	3			5,510	1,810	6,679	55,519
New Mexico					2,014			3,700	9,407		581	1,004	16,706
New York					56,281	1,155	258			860	3,255	3,742	85,538
North Carolina					27,861	(1)	73	5,650	786	1,737	1,737	5,422	42,303
North Dakota					13,239		7		206	16	458	522	14,818
Ohio					29,492					400	2,477	825	33,400
Oklahoma					16,510	3,061	144		282	15	1,159	1,235	22,406
Oregon		9,810			8,577	560	225	5,200	14,176	60	1,181	4,518	44,307
Pennsylvania			(1,063)		164,411	(170)	941		(99)	605	2,676	1,885	169,186
Rhode Island					10,705						420	1,704	12,829
South Carolina					7,216			250	44		977	616	9,102
South Dakota					671	2,562	17		2,587		31	1,530	7,388
Tennessee					7,562	(1)	5,662		(3)		1,317	589	15,126
Texas	(76)				45,247	5,115	563		(715)	4,547	2,852	2,882	60,415
Utah					2,032	(437)	2,863		881	400	788	1,103	7,630
Vermont	879				3,729				(244)	5	300	424	5,614
Virginia		521		(94)	27,512		8,905	3,300	3,368	5,836	1,513	50,677	50,677
Washington			(440)		16,709	18,186	1,867	3,350	10,447	3,995	1,463	5,856	61,433
West Virginia					58,140	(15)	(7)	1,540	1,187		635	1,778	63,268
Wisconsin					13,333		30	2,500	1,166		1,379	1,184	17,092
Wyoming					4,329				3,677		403	339	25,146
Total	297,924	64,067	57,916		1,230,684	536,765	84,213	59,658	85,797	69,834	62,902	75,179	2,624,929
American Samoa						6,000					255		6,684
Guam					429	14,000					260		14,260
N. Marianas						(208)					271		2,440
Puerto Rico						(22)			(43)	400		2,020	2,440
Virgin Islands					3,748							30	3,778
Grand Total	297,924	64,067	57,916		1,234,861	556,525	84,213	59,658	85,754	70,234	63,688	77,229	2,652,069

<sup>1</sup> Negative numbers indicate money transferred to other projects or returned to FHWA.  
<sup>2</sup> Projects identified in Sections 1103 - 1108 of the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991.  
<sup>3</sup> Includes Bridge Acceleration discretionary, Strategic Highway Research, Interim Scenic Byways, Highway Use Tax Evasion, and other miscellaneous programs.



OBLIGATION OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION DURING FISCAL YEAR 1993<sup>1</sup>

SHEET 2 OF 2  
TABLE FA-4B  
DECEMBER 1993

PROGRAM ANALYSIS DIVISION  
OFFICE OF FISCAL SERVICES

STATE	FEDERAL-AID ACCOUNT (THOUSANDS OF DOLLARS)										OTHER FUNDS AND ADJUSTMENTS	GRAND TOTAL	STATE
	CONSOLIDATED PRIMARY 3	RURAL SECONDARY 3	URBAN SYSTEM 3	HAZARD ELIMINATION 4	ELIMINATION OF HAZARDS AT RAIL-HIGHWAY CROSSINGS 4	OTHER PROGRAMS 5	TOTAL						
Alabama	279	333	774	602	542	8,745	245,759	35,138	280,897	Alabama			
Alaska	150	(49)	(103)	(9)	753	10,025	200,648	336	200,984	Alaska			
Arizona	13,420	(341)	(64)	1,099	1,625	10,620	250,115	2,244	252,359	Arizona			
Arkansas	23	31	(96)	(19)	466	4,695	220,969	8,429	229,398	Arkansas			
California	(39)	(1,003)	305	66	1,666	38,542	1,646,125	135,701	1,781,826	California			
Colorado	(3,853)	(498)	8,342	1,716	1,675	10,770	210,489	298	210,788	Colorado			
Connecticut	(498)	1,347	4,581	(149)	851	205	313,696	1,115	314,811	Connecticut			
Delaware	(320)	(291)	3,218	19	(23)	326	67,887	3,432	71,318	Delaware			
Dist. Of Col.	(347)	-	312	57	45	6,527	85,485	495	85,979	Dist. Of Col.			
Florida	(964)	(29)	3,818	59	(231)	7,819	795,474	12,397	807,872	Florida			
Georgia	1,026	176	826	575	(34)	641	415,799	19,742	435,541	Georgia			
Hawaii	(7)	3,907	(19)	(5)	183	183	251,053	72	251,125	Hawaii			
Idaho	(8)	193	(13)	(167)	816	13,628	116,404	3,454	119,868	Idaho			
Illinois	(17)	40	1,261	143	1,160	4,073	626,181	12,759	638,940	Illinois			
Indiana	1,450	(119)	920	355	221	8,318	360,736	11,902	372,638	Indiana			
Iowa	(811)	(229)	(120)	(156)	1,504	827	202,031	19,695	221,726	Iowa			
Kansas	(1,578)	(54)	(12)	157	(627)	(910)	182,505	5,587	188,091	Kansas			
Kentucky	(176)	2,656	2,019	(316)	261	11,093	220,905	13,674	234,579	Kentucky			
Louisiana	19,756	4,095	8,557	196	(82)	1,649	249,838	2,277	252,114	Louisiana			
Maine	(172)	(99)	(238)	51	837	3,843	82,190	676	82,865	Maine			
Maryland	(5,928)	-	336	(77)	1,784	5,251	246,721	11,229	257,950	Maryland			
Massachusetts	(138)	(41)	8,750	1,386	3,818	3,948	944,157	3,508	947,665	Massachusetts			
Michigan	(8)	102	5,841	(18)	4,234	4,234	436,098	40,747	476,845	Michigan			
Minnesota	(154)	6,408	1,809	424	4,884	12,212	325,521	3,553	329,074	Minnesota			
Mississippi	(4)	3,175	(4)	(4)	(67)	1,698	170,829	44,074	214,903	Mississippi			
Missouri	3,563	10	(545)	879	284	13,637	372,417	9,847	382,265	Missouri			
Montana	123	2,982	(53)	172	223	20,174	161,354	5,349	166,704	Montana			
Nebraska	(178)	2,518	1,122	446	6	772	130,144	1,517	131,661	Nebraska			
Nevada	126	328	4,648	(80)	15	8,582	106,341	24,393	130,734	Nevada			
New Hampshire	(233)	76	(142)	(142)	(250)	906	75,728	(919)	74,809	New Hampshire			
New Jersey	-	2,031	9,150	1,407	173	6,512	443,321	33,933	477,254	New Jersey			
New Mexico	(3)	-	77	-	(50)	14,622	165,035	47,446	212,480	New Mexico			
New York	(796)	76	(792)	958	2,149	3,537	810,999	52,623	863,622	New York			
North Carolina	(1,377)	54	445	1,561	(220)	10,818	431,073	12,613	443,687	North Carolina			
North Dakota	780	324	189	124	96	2,427	106,187	2,717	108,905	North Dakota			
Ohio	(1,806)	344	(3,852)	5,327	322	7,879	564,659	4,698	569,357	Ohio			
Oklahoma	356	399	12,218	(474)	1,775	795	230,573	1,764	232,337	Oklahoma			
Oregon	(247)	(117)	351	1,590	2,517	20,564	201,718	1,475	203,193	Oregon			
Pennsylvania	(3)	(354)	10,559	4,602	(112)	3,245	667,569	20,552	688,121	Pennsylvania			
Rhode Island	363	634	1,322	1,447	687	1,066	99,785	135	99,920	Rhode Island			
South Carolina	2,477	822	741	4,249	253	20,266	204,045	1,907	205,952	South Carolina			
South Dakota	(249)	(65)	(36)	(13)	964	4,321	101,691	1,162	102,853	South Dakota			
Tennessee	(391)	5,613	6,330	(244)	(20)	6,306	291,371	2,566	293,937	Tennessee			
Texas	2,198	263	156	1,369	1,860	1,860	1,000,804	5,907	1,006,711	Texas			
Utah	10,062	1,000	663	41	1,487	5,947	115,802	5,673	121,474	Utah			
Vermont	(950)	(217)	418	(76)	374	369	67,686	444	68,130	Vermont			
Virginia	759	217	1,442	5,108	2,650	16,621	314,819	7,374	322,193	Virginia			
Washington	584	13	(74)	(15)	2,363	21,336	386,082	2,092	388,174	Washington			
West Virginia	690	65	52	1,705	2,909	4,782	150,891	148,243	299,134	West Virginia			
Wisconsin	433	399	(372)	(7)	2,909	1,746	306,892	204	307,185	Wisconsin			
Wyoming	-	-	-	-	(83)	21,583	121,834	620	122,454	Wyoming			
U.S. Total	38,245	36,957	95,057	37,463	42,295	845,912	16,952,692	786,959	17,739,651	U.S. Total			
American Samoa	-	-	-	-	-	-	9,091	255	9,346	American Samoa			
Guam	(42)	-	-	(93)	-	-	28,979	260	29,239	Guam			
N. Mariana Is.	2,768	(1,422)	9	3,317	-	2,524	3,563	(6)	3,557	N. Mariana Is.			
Puerto Rico	-	-	-	454	-	-	75,118	184	75,302	Puerto Rico			
Virgin Islands	-	-	-	-	-	-	18,851	30	18,881	Virgin Islands			
Canada	-	-	-	-	-	-	23,028	-	23,028	Canada			
Other Federal Agencies	-	-	-	-	-	-	205,254	4,684	210,938	Other Federal Agencies			
Headquarters/Studies	-	-	-	-	-	-	126,735	1,071	127,806	Headquarters/Studies			
Grand Total	40,971	35,545	95,066	41,141	42,295	1,153,421	17,448,977	793,437	18,242,413	Grand Total			

<sup>1</sup> 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.  
<sup>2</sup> Projects identified in Sections 1103 - 1108 of the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991.  
<sup>3</sup> Programs discontinued under ISTEA.  
<sup>4</sup> Programs no longer receive separate appropriations. Under ISTEA, these programs are included in the Surface Transportation Program (STP). Obligations shown are for old funding. Obligations of new funding are included in STP column.  
<sup>5</sup> Includes Intelligent Vehicle Highway System, Highway Use Tax Evasion, and other miscellaneous Federal-aid account programs.







**EXPENDITURE OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION  
DURING FISCAL YEAR 1993<sup>1</sup>**

SHEET 2 OF 2  
TABLE FA-3  
MARCH 1994

PROGRAM ANALYSIS DIVISION  
OFFICE OF FISCAL SERVICES

(THOUSANDS OF DOLLARS)

STATE	FEDERAL AID ACCOUNT										OTHER FUNDS AND ADJUSTMENTS <sup>5</sup>	GRAND TOTAL	STATE
	CONSOLIDATED PRIMARY <sup>3</sup>	RURAL SECONDARY <sup>3</sup>	URBAN SYSTEM <sup>3</sup>	HAZARD ELIMINATION <sup>4</sup>	ELIMINATION OF HAZARDS AT RAIL-HIGHWAY CROSSINGS <sup>4</sup>	OTHER PROGRAMS	TOTAL						
Alabama	19,296	4,666	6,093	1,756	1,854	4,030	307,099	18,177	325,276	Alabama			
Alaska	30,486	12,470	1,143	1,840	330	11,869	215,570	2,462	218,031	Alaska			
Arizona	34,394	12,161	1,062	2,332	2,333	9,541	203,800	7,468	211,268	Arizona			
Arkansas	15,693	1,866	2,876	277	3,076	8,140	203,463	20,678	224,141	Arkansas			
California	56,673	1,112	16,368	5,484	5,873	123,000	1,362,746	6,918	1,369,665	California			
Colorado	22,164	687	2,199	2,199	2,433	9,750	227,242	1,675	228,917	Colorado			
Connecticut	10,524	3,203	9,079	1,714	733	1,205	328,038	1,712	329,751	Connecticut			
Delaware	20,501	2,922	793	1,577	209	63	57,234	475	57,710	Delaware			
Dist. Of Col.	9,274	-	4,769	399	104	2,615	48,343	1,331	49,674	Dist. Of Col.			
Florida	32,276	3,209	23,127	2,658	2,958	2,956	628,534	11,398	639,933	Florida			
Georgia	46,441	6,165	9,939	1,606	2,020	1,179	393,790	(1,676)	392,114	Georgia			
Hawaii	9,464	597	912	(61)	-	113	192,632	212	192,844	Hawaii			
Idaho	4,958	747	341	110	742	6,133	103,200	3,369	106,569	Idaho			
Illinois	21,463	2,879	25,254	483	4,097	5,753	528,587	7,680	536,267	Illinois			
Indiana	25,142	15,452	2,245	1,119	4,793	6,887	381,862	10,889	392,751	Indiana			
Iowa	5,726	4,537	3,969	1,187	4,643	1,958	215,740	12,725	228,465	Iowa			
Kansas	20,413	3,386	1,865	379	5,638	464	161,066	2,128	163,194	Kansas			
Kentucky	13,790	8,653	6,443	379	4,428	13,705	214,827	21,871	236,698	Kentucky			
Louisiana	57,724	11,827	8,468	1,031	3,675	6,432	292,029	1,994	294,023	Louisiana			
Maine	2,657	513	1,203	143	3,071	3,251	87,054	496	87,550	Maine			
Maryland	11,602	698	9,697	1,167	1,147	3,259	245,985	17,619	263,605	Maryland			
Massachusetts	40,608	1,885	15,817	4,634	5,756	451	772,764	2,770	775,534	Massachusetts			
Michigan	14,565	9,975	15,728	1,349	5,300	5,176	429,923	43,482	473,406	Michigan			
Minnesota	13,877	9,348	3,391	1,272	5,300	15,541	311,894	12,416	324,310	Minnesota			
Mississippi	10,676	5,593	3,855	2,511	799	3,135	188,594	33,790	222,384	Mississippi			
Missouri	9,852	(636)	9,366	1,228	2,350	11,191	330,760	4,390	335,151	Missouri			
Montana	5,953	9,754	4,722	674	1,311	6,194	142,751	484	143,235	Montana			
Nebraska	1,408	8,886	2,406	1,030	3,407	2,109	136,079	3,713	139,792	Nebraska			
Nevada	5,457	6,186	663	448	76	5,240	97,880	11,289	109,140	Nevada			
New Hampshire	19,753	2,105	1,645	210	492	2,321	97,415	1,364	98,779	New Hampshire			
New Jersey	21,204	2,107	16,787	3,849	1,996	3,416	487,246	11,750	498,996	New Jersey			
New Mexico	5,824	195	2,653	545	1,001	8,269	186,208	12,778	198,986	New Mexico			
New York	82,883	8,759	24,134	5,880	5,203	14,220	836,987	37,422	874,409	New York			
North Carolina	26,723	9,034	1,261	3,853	3,611	9,016	423,343	13,661	437,004	North Carolina			
North Dakota	2,593	1,377	984	1,560	1,329	1,607	106,184	3,413	109,165	North Dakota			
Ohio	35,944	3,272	4,962	5,996	8,894	5,093	528,906	3,413	532,319	Ohio			
Oklahoma	6,961	2,371	3,736	1,032	2,195	1,156	150,042	2,144	152,186	Oklahoma			
Oregon	7,056	1,399	2,759	747	1,077	9,077	157,978	5,533	163,511	Oregon			
Pennsylvania	28,114	1,434	17,991	14,209	3,448	31,484	658,617	31,683	690,299	Pennsylvania			
Rhode Island	13,297	2,339	2,234	501	468	1,539	131,368	1,062	132,430	Rhode Island			
South Carolina	19,568	6,884	4,443	1,826	2,688	4,628	213,146	4,651	217,797	South Carolina			
South Dakota	7,663	2,295	445	10	1,066	1,092	114,327	965	115,292	South Dakota			
Tennessee	26,707	8,079	6,489	3,449	11,471	11,471	244,182	14,696	258,879	Tennessee			
Texas	86,624	4,190	521	4,765	9,107	38,964	1,048,326	6,920	1,055,246	Texas			
Utah	18,899	3,362	2,348	466	873	9,726	152,385	3,780	156,165	Utah			
Vermont	17,027	3,431	4,585	1,589	808	10,625	115,996	777	116,773	Vermont			
Virginia	24,498	10,121	9,020	1,169	540	221,447	356,705	14,707	371,414	Virginia			
Washington	9,641	5,585	11,133	1,318	1,660	9,496	356,705	3,854	360,560	Washington			
West Virginia	6,419	6,600	304	875	1,025	1,411	141,311	104,602	245,913	West Virginia			
Wisconsin	3,122	1,195	1,269	2,650	4,702	1,147	346,557	1,623	348,180	Wisconsin			
Wyoming	2,076	(792)	315	173	397	1,155	116,927	3,030	119,957	Wyoming			
U.S. Total	1,045,553	234,078	319,154	97,528	128,178	921,784	16,051,366	544,301	16,595,675	U.S. Total			
American Samoa	-	-	-	57	-	-	4,439	211	4,651	American Samoa			
Guam	5,315	-	-	-	-	-	7,217	318	7,535	Guam			
N. Mariana Isls.	1,620	-	-	568	-	-	4,123	-	4,123	N. Mariana Isls.			
Puerto Rico	30,678	1,118	4,681	2,825	-	9	68,119	4,498	72,558	Puerto Rico			
Virgin Islands	4,591	-	-	-	-	610	8,054	172	8,226	Virgin Islands			
Headquarters	-	-	-	-	-	110,253	118,600	11,567	130,167	Headquarters			
Grand Total	1,087,875	235,196	323,835	101,019	128,178	1,032,656	16,261,918	561,007	16,822,935	Grand Total			

<sup>1</sup> The data reported in this table are from the Fiscal Management Information System.  
<sup>2</sup> Projects identified in Sections 1103 - 1108 of the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991.  
<sup>3</sup> Programs discontinued under ISTEA.  
<sup>4</sup> Programs no longer receive separate apportionments. Under ISTEA, these programs are included in the Surface Transportation Program (STP). Expenditures shown are for old funding. Expenditures of new funding are included in STP column.  
<sup>5</sup> Includes miscellaneous funds administered directly by FHWA and expenditure of funds transferred to FHWA by other agencies.

RECEIPTS AND EXPENDITURES FOR HIGHWAYS BY FEDERAL AGENCIES - SUMMARY - 1993<sup>1</sup>

TABLE FA-5  
OCTOBER 1994

COMPILED FROM REPORTS OF FEDERAL STATE AND LOCAL AUTHORITIES (MILLIONS OF DOLLARS)

AGENCY AND FUND	RECEIPTS					EXPENDITURES						GRAND TOTAL EXPENDITURES											
	MOTOR-FUEL AND MOTOR-VEHICLE TAXES	GENERAL FUND APPROPRIATIONS	OTHER FEDERAL RECEIPTS <sup>2</sup>	INTEREST	TOTAL	PAYMENTS TO STATES AND D.C.		PAYMENTS TO LOCAL GOVERNMENTS <sup>4</sup>	DIRECT EXPENDITURES														
						FEDERAL AID AND OTHER REIMBURSEMENTS	FOR RETURN TO LOCAL GOVERNMENTS		CAPITAL OUTLAY	MAINTENANCE	ADMINISTRATION AND RESEARCH		TOTAL DIRECT										
Federal Highway Administration:																							
Highway Trust Fund <sup>5</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173.2
Federal Lands Highways	-	-	-	-	-	51.9	-	-	-	51.9	-	-	-	-	-	-	-	-	-	-	-	-	121.3
Other Federal-Aid Funds <sup>6</sup>	-	-	-	-	-	15,385.4	193.4	-	-	15,578.8	91.1	-	-	-	-	-	-	-	-	-	-	-	418.8
Total	15,667.5	-	-	817.5	16,485.0	15,437.3	193.4	-	-	15,630.7	91.1	-	-	-	-	-	-	-	-	-	-	-	540.1
General Fund	-	374.6	-	-	374.6	327.6	-	-	-	327.6	-	-	-	-	-	-	-	-	-	-	-	-	374.6
Funds Transferred From Other Agencies:																							
Forest Service	-	0.9	-	-	0.9	0.4	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.9
National Park Service	-	59.9	-	-	59.9	96.1	-	-	-	96.1	-	-	-	-	-	-	-	-	-	-	-	-	59.9
Appalachian Development	-	97.6	-	-	97.6	10.7	-	-	-	10.7	-	-	-	-	-	-	-	-	-	-	-	-	97.6
Department Of Defense <sup>7</sup>	-	13.2	-	-	13.2	10.7	-	-	-	10.7	-	-	-	-	-	-	-	-	-	-	-	-	13.2
Department of Energy	-	8.4	-	-	8.4	6.3	-	-	-	6.3	-	-	-	-	-	-	-	-	-	-	-	-	8.4
Other	-	6.4	-	-	6.4	121.9	-	-	-	121.9	-	-	-	-	-	-	-	-	-	-	-	-	6.4
Total Transferred Funds	-	186.4	-	-	186.4	121.9	-	-	-	121.9	-	-	-	-	-	-	-	-	-	-	-	-	186.4
Total Funds Administered By FHWA	15,667.5	561.0	-	817.5	17,046.0	15,886.8	193.4	-	-	16,080.2	91.1	-	-	-	-	-	-	-	-	-	-	-	16,822.9
Other Federal Agencies																							
FHWA Funds Transferred To Other Agencies:																							
National Highway Traffic Safety Administration	178.7	-	-	-	178.7	120.4	5.1	-	-	125.5	11.5	-	-	-	-	-	-	-	-	-	-	-	178.7
National Park Service	24.8	-	-	-	24.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.8
Total Transferred Funds	203.5	-	-	-	203.5	120.4	5.1	-	-	125.5	11.5	-	-	-	-	-	-	-	-	-	-	-	203.5
Other Agency Funds:																							
National Highway Traffic Safety Administration	-	63.1	-	-	63.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.1
Forest Service <sup>8</sup>	-	4.0	203.1	-	207.1	0.5	154.2	-	-	154.7	48.4	-	-	-	-	-	-	-	-	-	-	-	207.1
National Park Service	-	20.6	-	-	20.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.6
Bureau of Indian Affairs	-	36.1	-	-	36.1	0.1	-	-	-	0.1	1.3	-	-	-	-	-	-	-	-	-	-	-	36.1
Bureau Of Reclamation	-	7.8	-	-	7.8	0.4	-	-	-	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	7.8
U.S. Corps Of Engineers	-	62.0	21.0	-	83.0	20.0	0.8	-	-	20.8	0.2	-	-	-	-	-	-	-	-	-	-	-	83.0
Bureau Of Land Management	-	15.4	-	-	15.4	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	15.4
Housing And Urban Development, CDBG	-	208.0	-	-	208.0	-	-	-	-	-	208.0	-	-	-	-	-	-	-	-	-	-	-	208.0
All Other Federal Agencies	-	413.9	-	-	413.9	106.6	14.8	-	-	121.4	292.5	-	-	-	-	-	-	-	-	-	-	-	413.9
Total, Other Agency Funds	-	815.5	239.5	-	1,055.0	127.6	169.8	-	-	297.4	552.0	-	-	-	-	-	-	-	-	-	-	-	1,055.0
Total Funds Administered By Other Agencies	203.5	815.5	239.5	-	1,258.5	248.0	174.9	-	-	422.9	563.5	-	-	-	-	-	-	-	-	-	-	-	1,258.5
Grand Total, All Funds	15,871.0	1,376.5	239.5	817.5	18,304.5	16,134.8	368.3	-	-	16,503.1	654.6	-	-	-	-	-	-	-	-	-	-	-	18,081.4

1/ All expenditures are for the Federal fiscal year.  
 2/ Includes timber sales, lease of Federal lands, and oil and mineral royalties.  
 3/ Differences between amounts in this column and those shown on Table SF-21 are due to funds in transit.  
 4/ Includes payments to territories.  
 5/ Excludes amounts expended for mass transit. See Table FE-10 for details on the Highway Trust Fund.  
 6/ Payments to States includes 311.7 million paid to States for research and planning.  
 7/ Does not include work performed within the confines of military reservations.  
 8/ Excludes Forest Development Trails Program trails for timber access and forest management that do not provide full public access.



**OBLIGATION OF NATIONAL HIGHWAY SYSTEM AND SURFACE TRANSPORTATION PROGRAM FUNDS<sup>1</sup>  
BY IMPROVEMENT TYPE  
FISCAL YEAR 1993**

TABLE FA-6  
SEPTEMBER 1994

COMPILED FROM THE FISCAL MANAGEMENT INFORMATION SYSTEM

TYPE OF IMPROVEMENT	RURAL (THOUSANDS OF DOLLARS)										URBAN					TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	COLLECTORS	LOCAL	TOTAL	INTERSTATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	COLLECTORS	LOCAL	TOTAL	NOT CLASSIFIED <sup>2</sup>			
														TOTAL		
<b>NATIONAL HIGHWAY SYSTEM FUNDS</b>																
New Route	21,211	131,768	10,807	892	-	164,678	24,267	236,154	3,528	4,464	-	268,413	246	483,337		
Relocation	6,182	43,298	501	-	-	49,981	5,484	33,229	320	1,826	-	40,859	-	90,840		
Reconstruction	67,241	248,400	32,580	2,449	1,939	352,609	167,937	219,924	20,029	12,591	(13)	420,468	(11)	773,066		
Major Widening	69,060	135,977	8,581	-	-	213,618	130,447	105,639	14,158	1,686	108	252,038	-	465,657		
Minor Widening	5,837	38,695	150	875	-	45,557	18,234	16,807	8,388	-	-	43,429	1,811	90,797		
Restoration & Rehabilitation	32,516	129,516	4,430	2,032	13,799	182,293	13,100	81,828	3,823	1,017	8,149	107,917	1,276	291,486		
Resurfacing	69,932	159,246	7,344	1,485	-	238,007	60,417	91,222	6,367	2,069	400	160,475	83	398,565		
New Bridge	5,768	39,429	570	1	3,052	48,820	36,555	90,755	2,077	126	-	129,513	-	178,333		
Bridge Replacement	4,551	59,335	401	-	-	64,287	31,151	50,701	10,384	2,493	848	95,577	-	159,864		
Major Bridge Rehabilitation	13,070	17,784	243	397	658	32,162	50,223	28,728	305	(411)	-	78,845	-	110,997		
Minor Bridge Rehabilitation	128	5,725	-	-	-	5,853	11,709	3,559	430	243	-	15,941	-	21,794		
Safety/Traffic/TSM	28,516	16,897	1,148	18,578	2,354	67,493	59,377	59,917	3,990	2,687	-	125,971	7,607	201,071		
Environmentally related	5,720	5,729	29	720	262	12,460	15,921	19,577	2,649	40	-	38,187	608	51,255		
Special Bridge Projects	-	178	-	-	-	178	-	1,836	133	-	-	1,969	-	2,147		
Other <sup>3</sup>	145	1,834	1,346	830	-	4,155	158	17,413	197	54	-	17,822	3,904	25,881		
<b>Total NHS Funds</b>	<b>329,877</b>	<b>1,033,811</b>	<b>68,130</b>	<b>28,259</b>	<b>22,064</b>	<b>1,482,141</b>	<b>624,980</b>	<b>1,057,289</b>	<b>76,778</b>	<b>28,885</b>	<b>9,492</b>	<b>1,797,424</b>	<b>15,524</b>	<b>3,295,090</b>		
<b>SURFACE TRANSPORTATION PROGRAM FUNDS</b>																
New Route	922	66,575	5,039	11,597	10,179	94,312	19,678	30,088	25,579	6,208	3,797	85,350	5,669	185,331		
Relocation	6,166	6,776	18,655	5,055	470	37,122	(244)	20,985	9,771	2,824	4,221	37,557	-	74,679		
Reconstruction	(90)	75,406	95,625	110,985	12,291	294,217	37,628	119,487	47,297	52,867	32,301	289,580	3,818	587,615		
Major Widening	-	38,012	38,837	11,900	391	89,140	19,259	78,095	35,939	3,909	2,927	140,129	-	229,269		
Minor Widening	-	25,644	27,487	18,605	4,317	76,053	2,442	13,521	10,562	19,669	1,730	47,924	-	123,977		
Restoration & Rehabilitation	15,711	62,300	16,453	26,875	6,346	127,685	151	16,933	17,984	612	5,039	40,719	5,615	174,019		
Resurfacing	13,611	74,020	123,962	52,182	16,567	280,342	1,450	65,598	46,273	27,886	1,836	143,043	-	423,385		
New Bridge	-	9,461	1,592	2,145	1,299	14,497	7,783	2,957	1,105	463	472	12,780	-	27,277		
Bridge Replacement	3,065	23,614	20,191	8,093	(269)	54,694	1,072	15,226	3,572	9,550	1,640	31,060	2,354	88,108		
Major Bridge Rehabilitation	538	3,010	1,821	1,243	284	6,896	1,489	29,290	8,077	1,178	9,232	49,266	-	56,162		
Minor Bridge Rehabilitation	1,631	2,136	2,038	729	31	6,565	6,753	10,505	213	320	-	17,791	80	24,436		
Safety/Traffic/TSM	8,599	27,121	21,922	53,433	14,206	125,281	22,512	77,075	38,569	130,122	22,480	290,758	36,250	452,289		
Environmentally related	6,080	3,483	6,788	6,392	480	23,223	17,062	13,306	2,091	10,929	2,571	45,959	3,268	72,450		
Special Bridge Projects	-	-	-	240	23	263	-	167	33	465	-	665	513	1,441		
Other <sup>3</sup>	(7,619)	1,086	3,574	5,115	543	2,699	679	3,990	458	70,881	14,085	90,093	1,329,136	1,421,928		
<b>Total STP Funds</b>	<b>48,614</b>	<b>418,644</b>	<b>383,984</b>	<b>314,589</b>	<b>67,158</b>	<b>1,232,989</b>	<b>137,714</b>	<b>497,223</b>	<b>247,523</b>	<b>337,883</b>	<b>102,331</b>	<b>1,322,674</b>	<b>1,386,703</b>	<b>3,942,366</b>		

<sup>1</sup> 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.

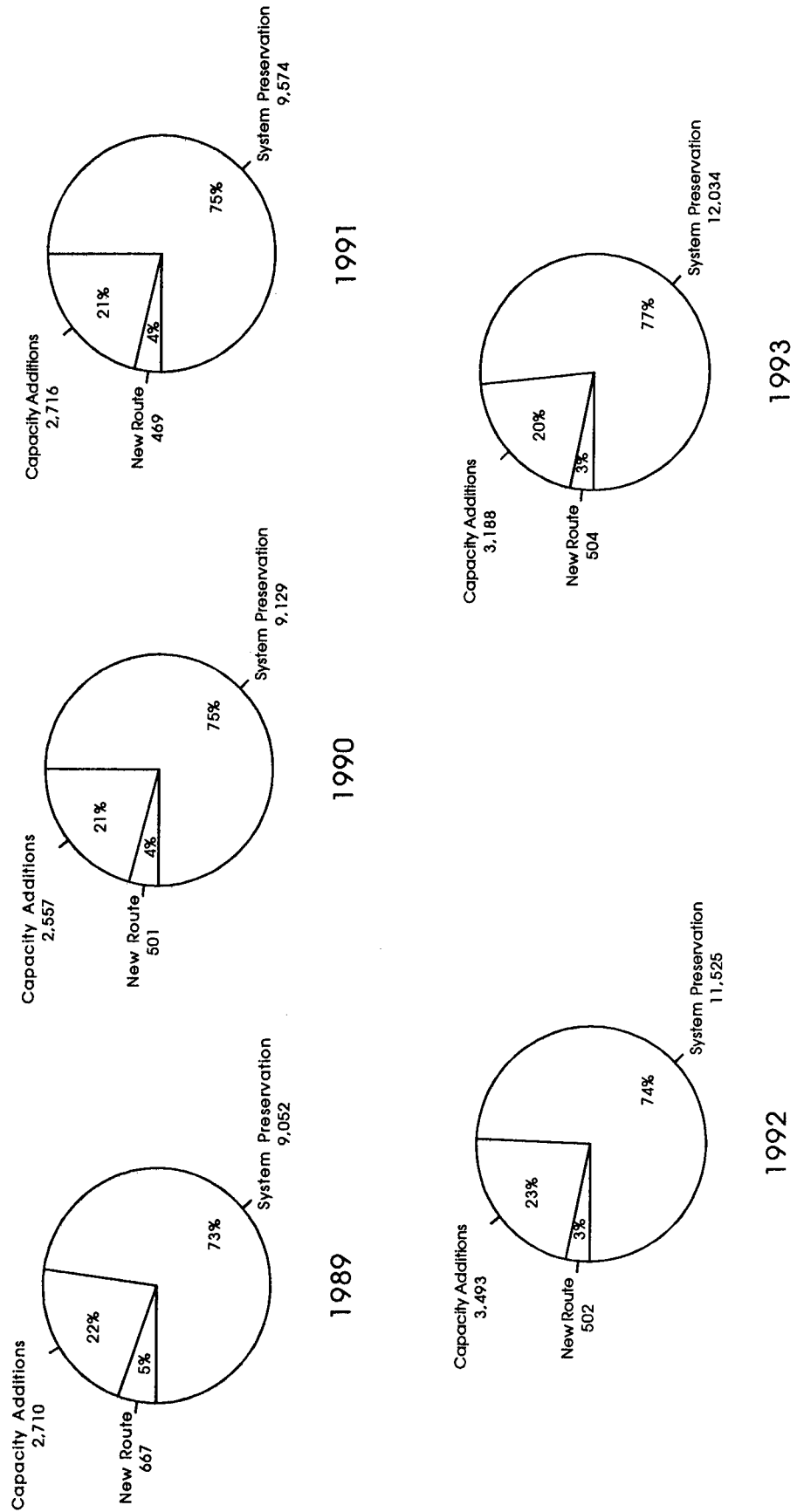
<sup>2</sup> Projects not identified as urban or rural.

<sup>3</sup> Includes projects not otherwise included in the remaining improvements types, such as transit.



# Miles of Roadway Projects Underway (Miles)

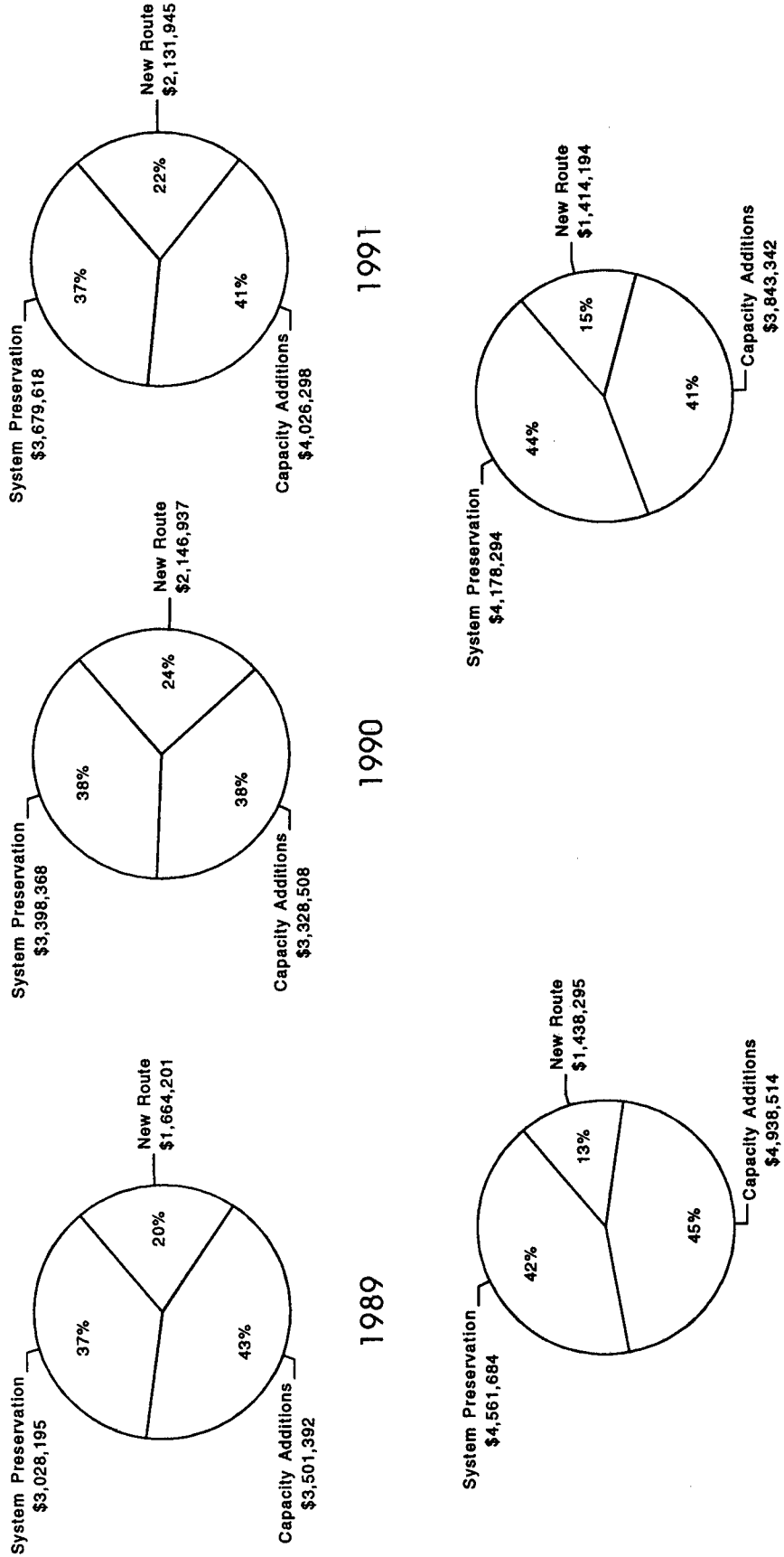
From 1989 to 1993, an average of 13,724 miles of roadway were under construction in each of the 5 years. System preservation represents the largest portion of roadway projects. Construction of new routes has fallen by 24% since 1989.



Source: Fiscal Management Information System

# Roadway Project Obligations (Thousands of dollars)

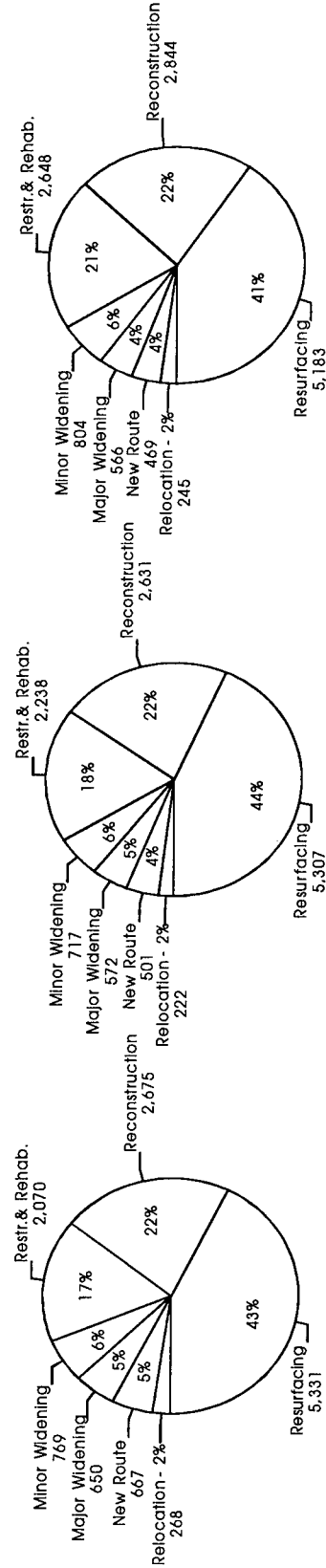
Obligations for roadway projects underway averaged \$8.4 billion for each of the 5 years beginning in 1989. System preservation represents the largest portion of roadway projects for 1993. Obligations for new routes have fallen by 48.3% since 1989.



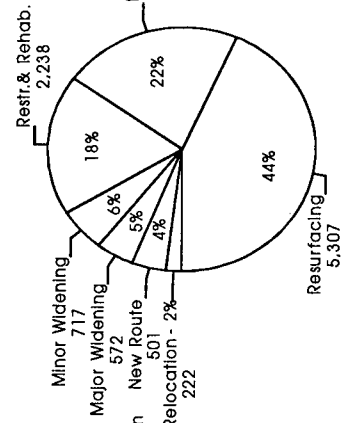
Source: Fiscal Management Information System

# Miles of Roadway Projects Underway by Improvement Type (Miles)

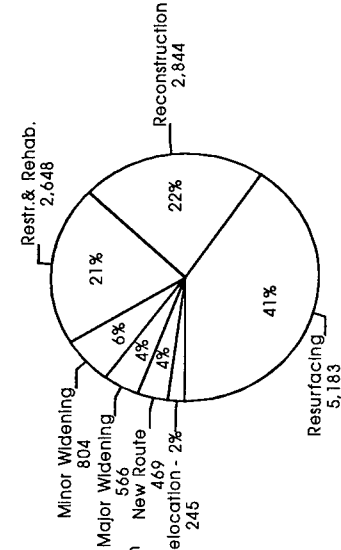
From 1989 to 1993, an average of 13,724 miles of roadway were under construction for each of the 5 years. Resurfacing represents the largest portion of roadway projects. Construction of new routes has fallen by 24% since 1989.



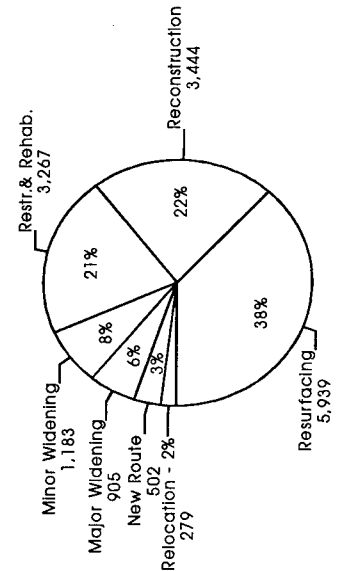
1989



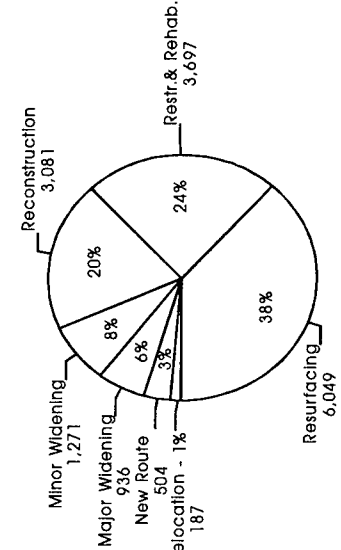
1990



1991



1992



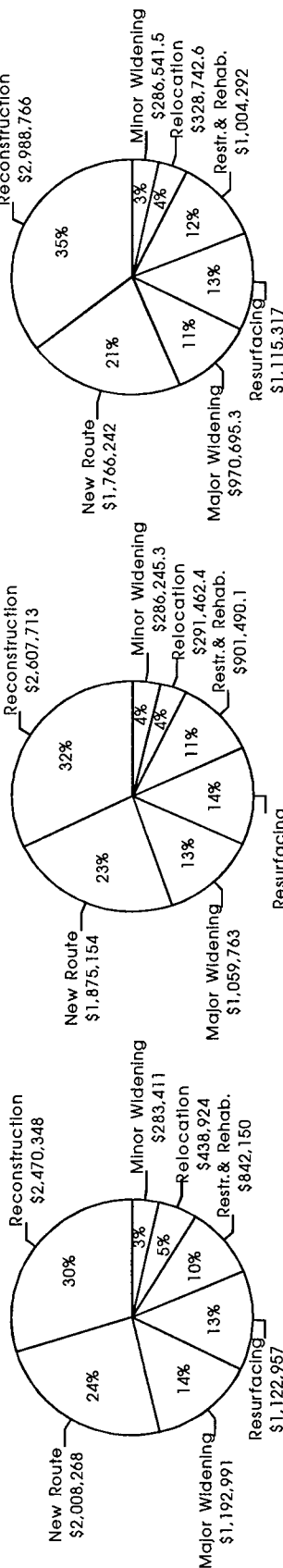
1993

Source: Fiscal Management Information System

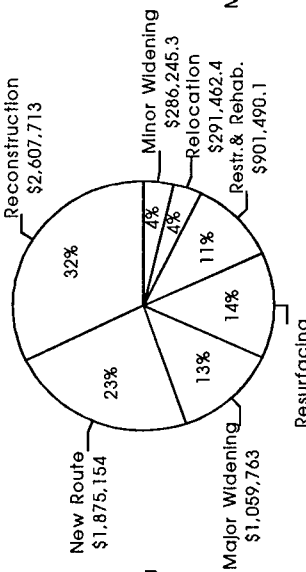


# Roadway Project Obligations by Improvement Type (Thousands of Dollars)

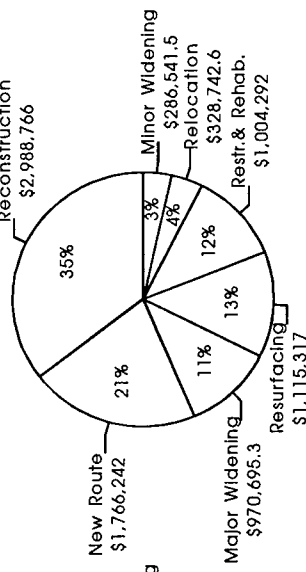
Obligations for roadway projects underway averaged \$8.4 billion for each of the 5 years beginning in 1989. Reconstruction represents the largest portion of roadway project obligations. Obligations for new construction have fallen by 48.3% since 1989.



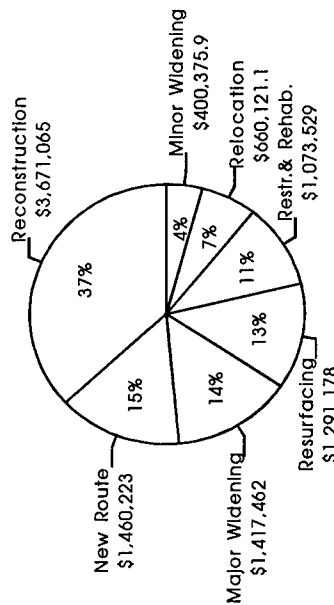
1989



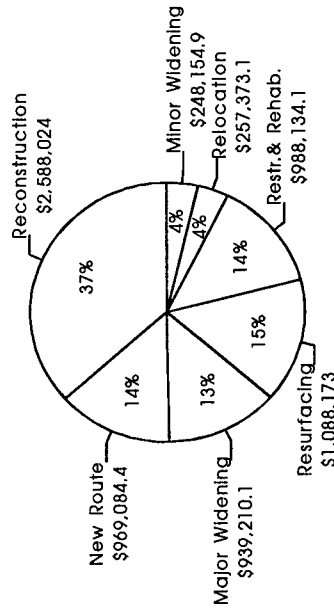
1990



1991



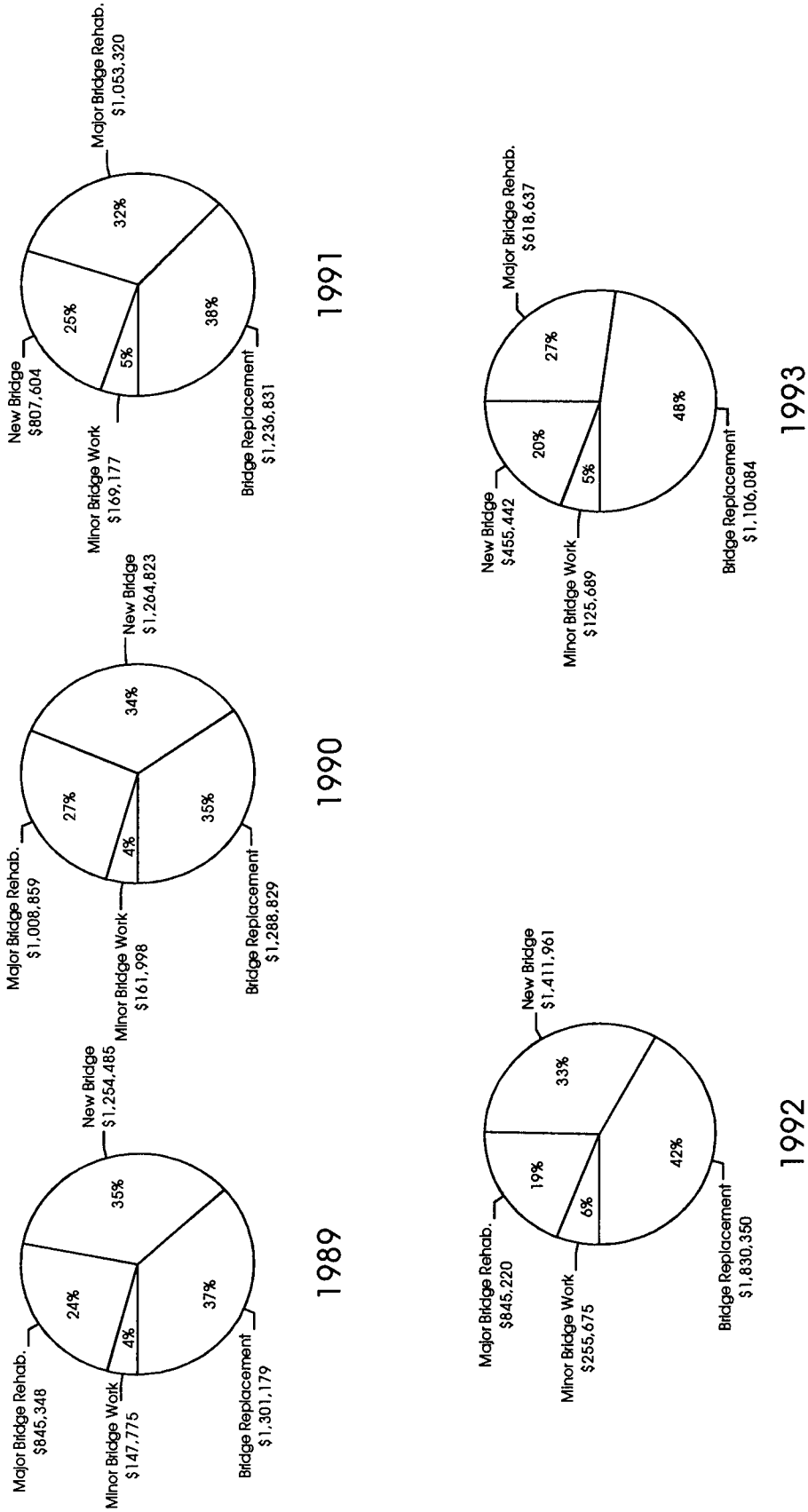
1992



1993

# Bridge Project Obligations by Improvement Type (Thousands of Dollars)

Obligations for bridge projects underway averaged \$3.4 million for each of the five years beginning in 1989. Bridge replacement represents the largest portion of bridge project obligations. Obligations for new bridge projects have fallen by 36.3% since 1989.



Source: Fiscal Management Information System

USES OF SURFACE TRANSPORTATION PROGRAM FUNDS FOR PROJECTS NOT ON THE NATIONAL HIGHWAY SYSTEM <sup>1</sup> BY IMPROVEMENT CATEGORY FISCAL YEAR 1993 OBLIGATIONS OF FEDERAL FUNDS

TABLE STP-1 SHEET 1 OF 3 OCTOBER 1994

Table with columns: STATE AND AREA, ROADWAY (FEDERAL FUNDS, LANE MILES), BRIDGE (FEDERAL FUNDS, NUMBER OF BRIDGES), TRANSIT (FEDERAL FUNDS, NUMBER OF VEHICLES), SAFETY <sup>2</sup> (FEDERAL FUNDS, NUMBER OF PROJECTS), TRAFFIC OPERATIONS (FEDERAL FUNDS, NUMBER OF PROJECTS), ENHANCEMENTS <sup>3</sup> (FEDERAL FUNDS), OTHER <sup>4</sup> (FEDERAL FUNDS), and TOTAL. Rows list states like Alabama, Alaska, Arizona, etc., with sub-categories Rural, Urban-under 200,000, Urban-over 200,000, and Total.

USES OF SURFACE TRANSPORTATION PROGRAM FUNDS FOR PROJECTS NOT ON THE NATIONAL HIGHWAY SYSTEM 1 BY IMPROVEMENT CATEGORY FISCAL YEAR 1993 OBLIGATIONS OF FEDERAL FUNDS

TABLE STP-1 SHEET 2 OF 3 OCTOBER 1994

(THOUSANDS OF DOLLARS)

Table with columns: STATE AND AREA, ROADWAY (FEDERAL FUNDS, LANE MILES), BRIDGE (FEDERAL FUNDS, NUMBER OF BRIDGES), TRANSIT (FEDERAL FUNDS, NUMBER OF VEHICLES), SAFETY (FEDERAL FUNDS, NUMBER OF PROJECTS), TRAFFIC OPERATIONS (FEDERAL FUNDS, NUMBER OF PROJECTS), ENHANCEMENTS (FEDERAL FUNDS), OTHER (FEDERAL FUNDS), and TOTAL.



**USES OF SURFACE TRANSPORTATION FUNDS  
FOR PROJECTS NOT ON THE NATIONAL HIGHWAY SYSTEM  
BY FUNCTIONAL SYSTEM  
FISCAL YEAR 1993 OBLIGATIONS OF FEDERAL FUNDS**

TABLE STP-1A  
OCTOBER 1994

(THOUSANDS OF DOLLARS)

STATE	RURAL					URBAN					TOTAL
	PRINCIPAL ARTERIALS	MINOR ARTERIALS	COLLECTORS	OTHER <sup>1</sup>	TOTAL	PRINCIPAL ARTERIALS	MINOR ARTERIALS	COLLECTORS	OTHER <sup>1</sup>	TOTAL	
Alabama	-	10,766	25,111	3,140	39,017	-	17,336	830	3,808	21,974	60,991
Alaska	-	4,944	42,298	9,719	56,961	-	2,034	11,442	5,713	19,190	76,151
Arizona	-	1,564	8,506	1,400	11,470	-	5,306	1,771	3,414	10,491	21,961
Arkansas	-	9,168	13,190	2,964	25,323	-	10,779	1,156	962	12,897	38,220
California	-	5,149	7,147	35,204	47,500	-	33,277	8,865	104,994	147,136	194,636
Colorado	-	4,801	3,143	2,675	10,619	-	4,358	965	4,113	9,436	20,055
Connecticut	-	485	4,191	2,303	6,979	-	2,317	1,944	13,213	17,475	24,454
Delaware	-	72	110	2,550	2,732	-	133	-	3,191	3,323	6,056
Dist. of Col.	-	-	-	-	-	-	3,610	6,905	4,862	15,378	15,378
Florida	-	18,399	11,477	4,664	34,541	-	33,986	3,384	11,887	49,257	83,798
Georgia	-	18,499	7,014	16,519	42,032	-	20,926	5,168	10,901	36,995	79,027
Hawaii	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	8,450	7,965	1,335	17,751	-	3,509	-	853	4,362	22,113
Illinois	-	66,035	8,229	24,878	99,142	-	26,782	14,273	38,535	79,590	178,732
Indiana	-	18,782	23,552	3,609	45,943	-	12,412	2,199	6,082	20,693	66,635
Iowa	-	6,169	12,387	1,623	20,179	-	769	2,851	2,081	5,701	25,880
Kansas	-	2,341	8,543	6,477	17,360	-	9,734	2,090	3,089	14,913	32,273
Kentucky	-	18,583	5,889	3,991	28,463	-	11,897	6,000	2,964	20,861	49,324
Louisiana	-	18,173	34,314	3,269	55,756	-	536	8,480	1,485	10,501	66,257
Maine	-	7,432	7,720	5,491	20,644	-	4,265	479	1,317	6,061	26,705
Maryland	-	10,083	15,572	7,684	33,339	-	11,063	2,694	3,238	16,995	50,334
Massachusetts	-	4,974	12,115	-	17,088	-	5,179	1,139	4,030	10,349	27,437
Michigan	-	14,923	9,264	4,438	28,626	-	30,878	8,625	12,692	52,194	80,820
Minnesota	-	-	380	3,024	3,404	-	2,875	1,178	3,161	7,215	10,619
Mississippi	-	2,504	13,488	2,157	18,148	-	8,100	10,688	1,307	20,094	38,243
Missouri	-	26,840	23,675	2,721	53,235	-	15,697	16,901	5,021	37,618	90,854
Montana	-	29,206	1,892	8,706	39,804	-	2,954	159	342	3,455	43,259
Nebraska	-	5,372	6,019	1,694	13,085	-	5,007	-	2,195	7,202	20,287
Nevada	-	3,077	347	894	4,319	-	-	-	700	700	5,019
New Hampshire	-	8,427	1,512	2,852	12,791	-	1,201	-	506	1,708	14,499
New Jersey	-	3,284	1,049	1,637	5,970	-	10,617	1,768	18,138	30,523	36,493
New Mexico	-	20,312	16,303	1,984	38,600	-	6,063	355	3,565	9,982	48,583
New York	-	40,498	29,863	14,364	84,725	-	20,401	9,101	47,384	76,886	161,611
North Carolina	-	12,299	8,394	10,291	30,983	-	30,642	2,177	4,480	37,300	68,283
North Dakota	-	1,308	7,241	235	8,784	-	9,575	-	766	10,341	19,124
Ohio	-	13,897	23,854	15,015	52,766	-	20,804	13,011	3,195	37,010	89,776
Oklahoma	-	25,854	11,338	2,421	39,613	-	4,471	310	2,233	7,015	46,628
Oregon	-	3,343	892	448	4,683	-	861	-	8,698	9,558	14,241
Pennsylvania	-	32,048	11,138	8,316	51,502	-	15,997	4,289	7,648	27,934	79,436
Rhode Island	-	-	-	202	202	-	2,667	18	9,905	12,590	12,792
South Carolina	-	14,339	11,709	1,657	27,704	-	11,739	809	7,200	19,748	47,452
South Dakota	-	11,717	5,763	2,446	19,927	-	6,380	139	492	7,012	26,939
Tennessee	-	32,561	648	2,371	35,580	-	7,526	2,313	3,687	13,526	49,106
Texas	-	26,316	72,934	15,127	114,377	-	23,891	21,853	4,040	49,784	164,161
Utah	-	360	7,122	150	7,632	-	5,047	3,643	3,691	12,381	20,013
Vermont	-	5,524	6,512	13,267	25,302	-	469	29	1,913	2,411	27,714
Virginia	-	2,769	16,202	61	19,032	-	5,066	1,275	-	6,341	25,373
Washington	-	16,696	4,824	7,160	28,679	-	10,975	4,786	10,979	26,740	55,419
West Virginia	-	15,925	19,344	2,630	37,899	-	2,016	743	708	3,467	41,366
Wisconsin	-	22,348	18,818	3,725	44,891	-	15,978	1,477	-	17,455	62,346
Wyoming	-	9,586	6,858	1,530	17,973	-	439	4,105	1,127	5,672	23,645
U.S. Total	-	636,200	595,858	271,019	1,503,078	-	498,547	192,388	396,505	1,087,440	2,590,517
Puerto Rico	-	-	-	-	-	-	1,411	-	1,676	3,088	3,088
Grand Total	-	636,200	595,858	271,019	1,503,078	-	499,958	192,388	398,181	1,090,527	2,593,605

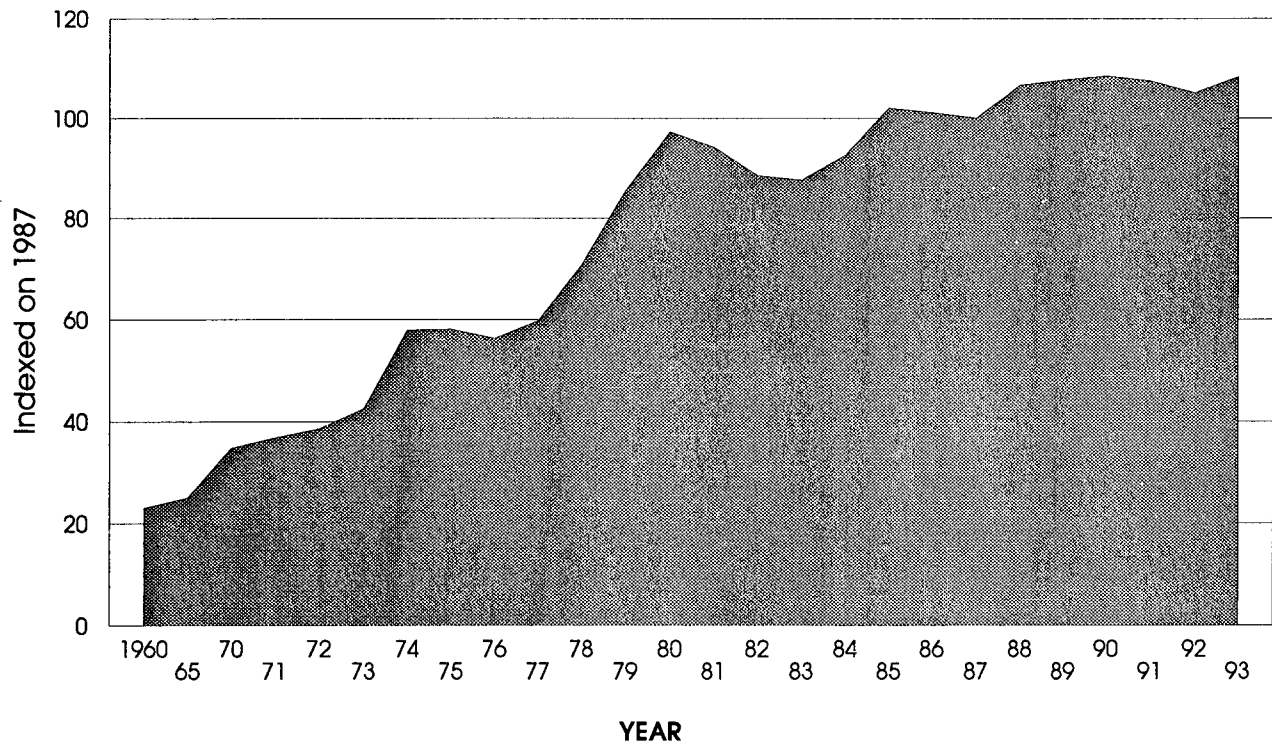
<sup>1</sup> Includes projects not identified by functional system.

PRICE TRENDS FOR FEDERAL-AID HIGHWAY CONSTRUCTION<sup>1</sup>

TABLE PT-1  
SEPTEMBER 1993

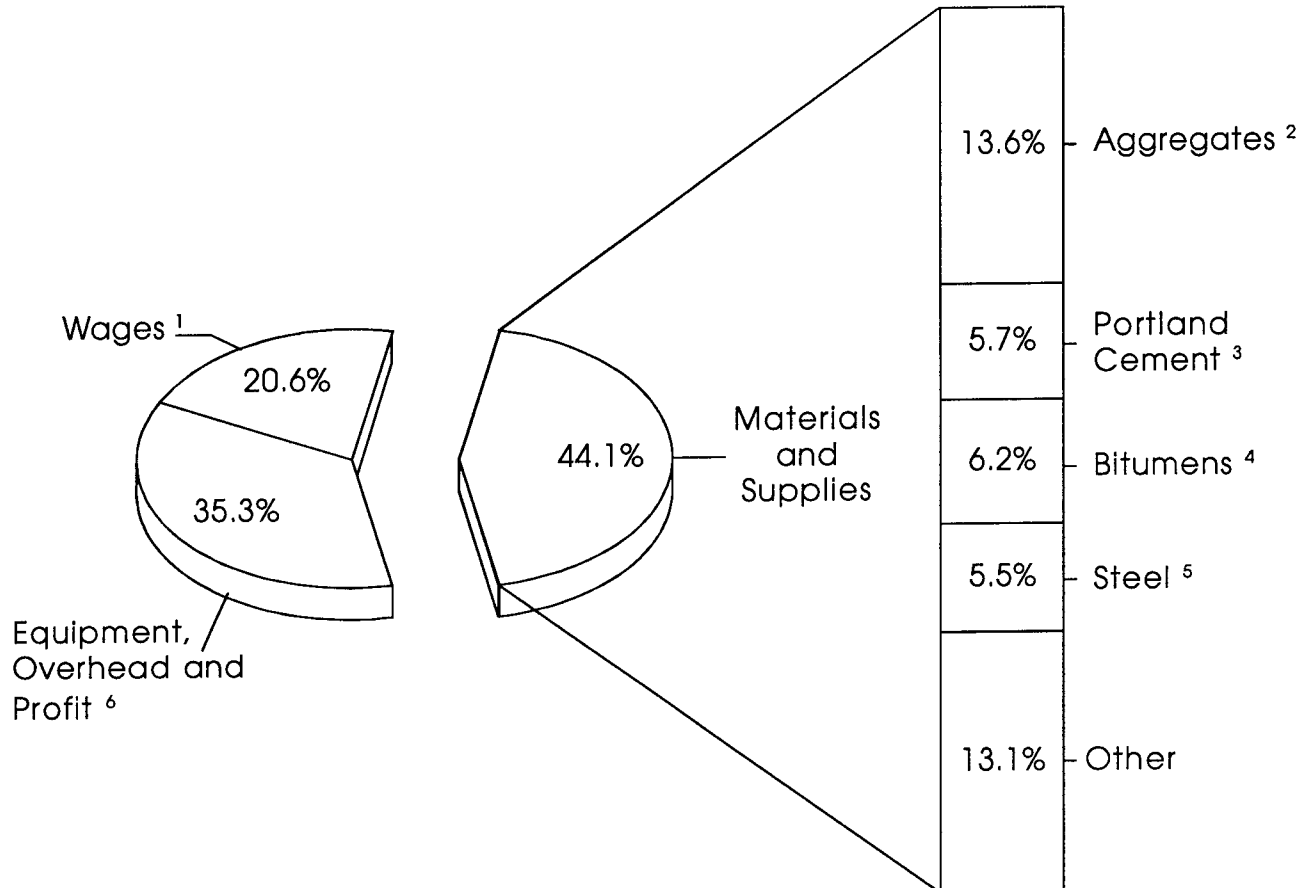
1987 BASE YEAR = 100

YEAR	EXCAVATION	RESURFACING	STRUCTURES	COMPOSITE
1960	16.1	27.0	21.7	23.0
1965	19.4	27.4	24.8	25.0
1970	27.2	34.0	38.2	34.8
1971	27.6	36.8	40.0	36.8
1972	29.7	39.5	40.7	38.6
1973	33.0	42.9	45.4	42.5
1974	41.2	60.0	61.7	57.9
1975	42.5	61.0	60.6	58.1
1976	42.5	60.3	57.2	56.3
1977	47.8	64.3	59.7	59.8
1978	63.5	73.3	70.7	70.7
1979	66.8	89.0	88.6	85.5
1980	75.5	102.2	100.0	97.2
1981	72.6	101.4	94.9	94.2
1982	65.6	95.3	90.0	88.5
1983	71.8	94.4	86.7	87.6
1984	78.4	102.7	88.2	92.6
1985	92.4	109.6	98.1	102.0
1986	94.0	107.0	98.0	101.1
1987	100.0	100.0	100.0	100.0
1988	112.2	99.8	111.0	106.6
1989	99.0	99.4	118.4	107.7
1990	98.1	102.3	117.8	108.5
1991	95.5	106.5	112.5	107.5
1992	90.8	106.9	108.4	105.1
1993	103.2	113.5	105.3	108.3



<sup>1</sup> Detailed information is available from the Federal Highway Administration in its quarterly publication "Price Trends for Federal-aid Highway Construction," prepared by the Federal-aid and Design Division, Office of Engineering.

**DISTRIBUTION OF COSTS ON FEDERAL AID HIGHWAY CONSTRUCTION CONTRACTS OVER \$1,000,000 EXCLUDING ALL SECONDARY PROJECTS REPORTED DURING CALENDAR YEAR 1993 AS COMPLETED**



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

<sup>2</sup> Aggregates consist of sand, gravel, slag, crushed stone, etc., for use in bases, portland cement concrete and bituminous surfaces, and portland cement concrete structures.

<sup>3</sup> For both roadway and structures.

<sup>4</sup> For various types of bituminous surfaces and bases.

<sup>5</sup> Includes structural, reinforcing, culvert and miscellaneous steel.

<sup>6</sup> 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 and Design Division  
Office of Engineering, FHWA  
(202) 366-4636



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

**U.S. WEIGHTED AVERAGES FOR ALL FEDERAL-AID HIGHWAY CONSTRUCTION  
CONTRACTS OVER \$1,000,000, EXCLUDING ALL SECONDARY PROJECTS,  
REPORTED AS COMPLETED DURING CALENDAR YEARS 1991, 1992, 1993**

FEDERAL-AID AND DESIGN DIVISION  
OFFICE OF ENGINEERING

TABLE PT-4  
SEPTEMBER 1994

TYPE OF MATERIALS AND LABOR	UNIT	NUMBER OF UNITS PER MILLION DOLLARS OF CONSTRUCTION COST <sup>2</sup>
Cement (excludes cement in concrete pipe)	Ton	603
Bituminous material	Ton	351
Aggregates <sup>3</sup>		
Purchased (by contractors)	Ton	14,162
Produced (by contractors)	Ton	3,801
Steel		
Structural (shapes, plates, h and sheet piling)	Ton	33
Reinforcing (pavement and structural reinforcement)	Ton	50
Culvert pipe (corrugated metal and structural plate, pipe arches and arches)	Ton	2
Miscellaneous (joint devices, tubular piling, etc.)	Ton	5
Concrete pipe (plain and reinforced)	Ton	85
Clay pipe and tile (includes some pvc pipe)	Ton	2
Lumber (all lumber products except timber piling)	Board foot	7,442
Petroleum products <sup>4</sup>	Gallon	25,273
Guardrail (all types)	Linear foot	813
Bridge railing (all types)	Linear foot	211
Corrugated aluminum culvert	Pound	117
Signs (complete in place)	Dollar	9,486
Lighting (complete in place)	Dollar	10,617
Labor	Employee-hour	13,822

<sup>1</sup> 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.

<sup>2</sup> Right-of-way, preliminary engineering, and construction engineering costs excluded.

<sup>3</sup> 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.

<sup>4</sup> Fuel and lubricants for equipment and trucks. Grease converted to gallons on basis of 8 pounds per gallon.

**DIRECT ON SITE EMPLOYMENT RATES ON FEDERAL-AID HIGHWAY CONSTRUCTION PROJECTS<sup>1</sup>**  
**1980 - 1993**

TABLE PT-6  
SEPTEMBER 1994

FEDERAL-AID AND DESIGN DIVISION OFFICE OF ENGINEERING	YEAR <sup>2</sup>	FINAL CONSTRUCTION COSTS (MILLIONS OF DOLLARS)	TOTAL LABOR HOURS (THOUSANDS) <sup>3</sup>	LABOR HOURS PER MILLION DOLLARS	NUMBER OF JOBS <sup>4</sup>	NUMBER OF JOBS PER MILLION DOLLARS	GROSS LABOR EARNINGS (MILLIONS OF DOLLARS)	COST PER LABOR HOUR (DOLLARS)
	1980	3,599	91,990	25,562	57,494	16	751	8.17
	1981	6,171	133,708	21,667	83,568	14	1,221	9.13
	1982	6,561	133,331	20,322	83,332	13	1,269	9.52
	1983	5,433	107,169	19,726	66,981	12	1,101	10.28
	1984	5,361	92,691	17,291	57,932	11	1,057	11.40
	1985	5,168	84,371	16,327	52,732	10	998	11.83
	1986	6,369	102,216	16,048	63,885	10	1,267	12.40
	1987	6,226	98,152	15,764	61,345	10	1,285	13.09
	1988	5,847	92,830	15,878	58,019	10	1,285	13.84
	1989	7,785	123,083	15,810	76,927	10	1,633	13.27
	1990	7,243	106,037	14,640	66,273	9	1,526	14.39
	1991	8,062	116,983	14,510	73,114	9	1,671	14.29
	1992	6,940	95,523	13,764	59,702	9	1,492	15.62
	1993	7,524	98,850	13,821	61,781	8	1,547	15.65

<sup>1</sup> Data comes from reports submitted by contractors

upon completion of projects costing at least \$1 million. Prior to ISTEA, data were not collected for projects on the FAS system or off the Federal-aid systems. Since ISTEA, only NHS data are collected.

<sup>2</sup> The year shown is the year FHWA received the report

of the completed project.

<sup>3</sup> Labor hours shown are for "on-site" work only, and do not include off-site work at materials plants, suppliers, office staff, management, etc.

<sup>4</sup> Number of jobs equals total hours divided by 1600.



STATE MOTOR-FUEL TAXES AND RELATED RECEIPTS - 1993<sup>1</sup>

TABLE MF-1  
OCTOBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES AND OTHER SOURCES (THOUSANDS OF DOLLARS)

STATE	RECEIPTS FROM TAXATION OF MOTOR FUEL <sup>3</sup>							OTHER RELATED RECEIPTS					ADJUSTED NET TOTAL RECEIPTS (13)
	GROSS TAX COLLECTIONS <sup>2</sup>	DEDUCTIONS BY DISTRIBUTORS FOR EXPENSES	GROSS RECEIPTS BY STATE	REFUNDS PAID BY STATE	NET RECEIPTS BY STATE	DEDICATED REVENUE FROM NON-HIGHWAY GASOLINE <sup>4</sup>	ADJUSTED NET VOLUME TAX RECEIPTS	DISTRIBUTOR AND DEALER LICENSES	INSPECTION FEES <sup>5</sup>	FINES AND PENALTIES	MISCELLANEOUS RECEIPTS	TOTAL	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Alabama	504,464	2,631	501,833	359	501,474	1,343	500,131	457	-	-	1,412	1,869	
Alaska	30,719	-	30,719	184	29,535	2,284	29,251	-	-	-	-	29,251	
Arizona	444,545	-	444,545	1,564	442,981	6,455	436,546	-	1,897	-	2,465	4,362	
Arkansas	309,438	7,075	302,363	3,112	299,251	-	299,251	-	-	-	-	299,251	
California	2,458,529	-	2,458,529	28,801	2,429,728	89,339	2,340,389	-	-	-	3,349	3,349	
Colorado	402,817	1,759	401,058	3,950	397,108	-	397,108	-	-	-	56	397,164	
Connecticut	394,710	-	394,710	764	393,946	-	393,946	-	-	-	-	393,946	
Delaware	80,691	-	80,691	266	80,425	-	80,425	7	19	-	-	80,461	
Dist. of Col.	35,137	-	35,137	-	35,137	-	35,137	-	4	-	42	35,183	
Florida	1,142,371	1,463	1,140,908	14,041	1,126,867	-	1,126,867	71	7,890	745	3,551	1,139,124	
Georgia	356,870	3,506	353,364	8	353,356	-	353,356	-	-	-	-	353,356	
Hawaii	65,382	-	65,382	149	65,233	612	64,621	-	28	-	-	64,649	
Idaho	151,594	1,508	150,086	1,938	148,148	4,398	143,750	-	-	-	-	143,750	
Illinois	1,093,078	18,112	1,074,966	15,949	1,059,017	5,040	1,053,977	-	-	-	-	1,053,977	
Indiana	614,998	6,734	607,364	2,133	605,231	201	605,030	-	-	-	1,882	606,912	
Iowa	347,313	-	347,313	13,054	334,279	2,384	331,895	2	1,085	-	205	333,187	
Kansas	278,650	-	278,650	3,300	275,350	-	275,350	20	402	-	536	276,508	
Kentucky	371,021	-	371,021	754	370,267	-	370,267	-	-	-	506	370,773	
Louisiana	492,140	-	488,993	17,870	471,123	-	471,123	-	720	-	-	473,155	
Maine	140,186	-	140,186	1,417	138,769	-	138,769	-	-	90	-	138,859	
Massachusetts	585,628	-	585,628	13,240	572,388	2,620	569,768	-	-	754	5,811	576,333	
Michigan	571,212	-	570,783	429	570,354	6,875	563,479	-	-	-	-	563,479	
Minnesota	728,623	3,469	725,154	2,869	722,285	13,211	711,073	17	-	-	18,233	730,193	
Mississippi	471,510	-	471,510	2,869	468,641	9,861	458,780	22	2,543	-	167	461,512	
Missouri	298,135	-	298,135	123	297,912	980	297,032	-	-	-	-	297,032	
Montana	443,071	959	442,112	3,185	438,927	-	438,927	-	-	-	-	438,927	
Nebraska	120,315	5,531	114,784	4,634	110,150	1,613	108,537	-	-	-	-	108,537	
Nevada	235,952	11,349	224,603	1,171	223,432	1,711	221,721	-	-	-	-	221,721	
New Hampshire	196,588	3,827	192,761	1,556	191,205	2,722	188,483	-	507	-	37	189,000	
New Jersey	104,925	-	104,925	856	104,069	1,219	102,850	-	-	-	2,136	104,986	
New Mexico	378,190	-	378,190	502	377,688	-	377,688	9	-	1,180	-	378,868	
New York	1,480,909	-	1,480,909	603	1,480,306	563	1,479,743	-	-	-	-	1,479,743	
North Carolina	879,536	1,453	878,083	29,740	848,343	-	848,343	-	-	-	-	848,343	
North Dakota	78,860	-	78,860	2,918	75,942	246	75,696	-	-	-	-	75,696	
Ohio	1,222,111	-	1,222,111	9,506	1,212,605	8,428	1,204,177	-	-	-	-	1,204,177	
Oklahoma	348,638	5,289	343,349	105	343,244	36	343,208	-	-	-	-	343,208	
Oregon	344,114	-	344,114	3,408	340,706	4,899	335,807	-	-	-	-	335,807	
Pennsylvania	1,255,962	4,874	1,251,088	2,114	1,248,974	228	1,248,746	-	-	-	-	1,248,746	
Rhode Island	110,983	-	110,983	615	110,368	-	110,368	-	-	-	-	110,368	
South Carolina	371,999	1,883	370,116	307	369,809	1,820	367,989	-	-	-	-	367,989	
South Dakota	88,291	1,803	86,488	3,601	82,887	1,013	81,874	-	-	-	-	81,874	
Tennessee	629,528	8,021	621,507	9,774	611,733	-	611,733	-	-	-	-	611,733	
Texas	2,141,690	35,937	2,105,753	4,551	2,101,202	32,480	2,068,722	-	-	-	-	2,068,722	
Utah	191,043	3,087	187,956	346	187,610	2,461	185,149	-	-	-	-	185,149	
Vermont	59,573	403	59,170	59,170	59,170	-	59,170	-	-	-	-	59,170	
Virginia	663,279	994	662,285	2,137	660,148	249	659,899	-	-	-	-	659,899	
Washington	613,372	-	613,372	2,195	611,177	9,796	601,381	-	-	-	-	601,381	
West Virginia	251,419	-	251,419	405	251,014	-	251,014	-	-	-	-	251,014	
Wisconsin	619,738	-	619,738	5,207	614,531	12,595	601,936	-	-	-	-	601,936	
Wyoming	46,198	-	46,198	1,566	44,632	480	44,152	-	-	-	-	44,152	
Total	25,438,662	119,996	25,318,666	238,300	25,080,366	228,574	24,851,792	5,577	69,078	12,095	61,322	24,989,664	
Percentage	100.00	0.47	99.53	0.94	98.59	0.90	97.69	-	-	-	-	-	

<sup>1</sup> 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 and gasohol) is applicable only to the amount 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. All data are subject to further review and revision.

<sup>2</sup> 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.

<sup>3</sup> For tax rates as of January 1, 1993 and rate changes during the year, see table MF-121T. States with variable rates are also identified in table MF-121T.

<sup>4</sup> 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.

<sup>5</sup> These are fees for inspection of motor-vehicle fuel. Insofar as possible, fees for inspection of fuels not used on highways have been eliminated.



TAX RATES ON MOTOR FUEL - 1993<sup>1</sup>

TABLE MF-121T  
SHEET 1 OF 2  
OCTOBER 1994

(CENTS PER GALLON)

STATE	GASOLINE		DIESEL		LIQUEFIED PETROLEUM GAS		GASOHOL <sup>2</sup>		
	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	EXEMPTION
Alabama *	18	06/01/92	19	06/01/92	17	06/01/92	18	06/01/92	-
Alaska	8	07/01/61	8	07/01/61	-	-	-	-	8
Arizona	18	07/01/90	18	07/01/90	18	07/01/90	18	07/01/90	-
Arkansas *	18.7	04/01/91	18.7	04/01/91	16.5	04/01/91	18.7	04/01/91	-
California *	17	01/01/93	17	01/01/93	6	01/01/76	17	01/01/93	-
Colorado *	22	01/01/91	20.5	01/01/92	20.5	01/01/92	22	01/01/91	-
Connecticut	28	01/01/93	18	09/01/91	28	01/01/93	27	01/01/93	1
	29	07/01/93	18	09/01/91	29	07/01/93	28	07/01/93	1
	29	07/01/93	18	09/01/91	18	10/01/93	28	07/01/93	1
Delaware *	19	01/01/91	19	01/01/91	19	01/01/91	19	01/01/91	-
	22	09/01/93	19	01/01/91	19	01/01/91	22	09/01/93	-
Dist. of Col.	20	10/01/92	20	10/01/92	20	10/01/92	20	10/01/92	-
Florida *	11.8	01/01/93	21	01/01/93	13.2	01/01/93	11.8	01/01/93	-
Georgia	7.5	07/01/71	7.5	07/01/71	7.5	07/01/71	7.5	07/01/71	-
Hawaii	16	07/01/91	16	07/01/91	11	07/01/91	16	07/01/91	-
Idaho *	21	04/01/91	21	04/01/91	21	04/01/91	21	05/01/92	-
Illinois *	19	01/01/90	21.5	01/01/90	19	01/01/90	19	01/01/90	-
Indiana *	15	04/01/88	16	04/01/88	-	-	15	04/01/88	-
Iowa	20	01/01/89	22.5	01/01/89	20	01/01/89	19	01/01/89	1
Kansas *	18	07/01/92	20	07/01/92	17	07/01/92	18	07/01/92	-
Kentucky *	15.4	04/09/90	12.4	04/09/90	15	07/01/86	15.4	04/09/90	-
Louisiana *	20	01/01/90	20	01/01/90	20	01/01/90	20	01/01/90	-
	20	01/01/90	20	01/01/90	16	07/01/93	20	01/01/90	-
Maine	19	07/17/91	20	04/01/89	18	07/17/91	19	07/17/91	-
Maryland	23.5	05/01/92	21.75	01/01/93	21.75	01/01/93	23.5	05/01/92	-
	23.5	05/01/92	24.25	07/01/93	23.5	07/01/93	23.5	05/01/92	-
Massachusetts *	21	01/01/91	21	01/01/91	9.7	01/01/93	21	01/01/91	-
	21	01/01/91	21	01/01/91	9.3	04/01/93	21	01/01/91	-
	21	01/01/91	21	01/01/91	9.2	07/01/93	21	01/01/91	-
	21	01/01/91	21	01/01/91	9.6	10/01/93	21	01/01/91	-
Michigan *	15	01/01/84	15	01/01/84	15	01/01/84	15	01/01/84	-
Minnesota *	20	05/01/88	20	05/01/88	20.1	08/01/92	20	05/01/88	-
Mississippi *	18.2	07/01/90	18.2	07/01/90	17	01/01/89	18.2	07/01/90	-
	18.4	07/01/93	18.4	07/01/93	17	01/01/89	18.4	07/01/93	-
Missouri *	13.03	04/01/92	13	04/01/92	13	04/01/92	13.03	04/01/92	-
Montana *	21.4	09/01/92	21.4	09/01/92	-	-	21.4	09/01/92	-
	25.68	07/01/93	25.68	07/01/93	-	-	25.68	07/01/93	-
	24	09/01/93	24	09/01/93	-	-	24	09/01/93	-
Nebraska *	25.2	01/01/93	25.2	01/01/93	24.6	01/01/93	25.2	01/01/93	-
	23.3	04/01/93	23.3	04/01/93	22.7	04/01/93	23.3	04/01/93	-
	24.9	07/01/93	24.9	07/01/93	24.3	07/01/93	24.9	07/01/93	-
	24.4	10/01/93	24.4	10/01/93	23.8	10/01/93	24.4	10/01/93	-
Nevada	24	10/01/92	27	10/01/92	23	10/01/92	24	10/01/92	-
New Hampshire *	18.6	06/16/91	18.6	06/16/91	18	06/16/91	18.6	06/16/91	-
	18.7	06/07/93	18.7	06/07/93	18	06/16/91	18.7	06/07/93	-
New Jersey *	10.5	07/01/88	13.5	07/01/88	5.25	07/01/88	10.5	01/01/92	-
New Mexico *	17	07/01/90	17	07/01/90	16	07/01/90	17	07/01/91	-
	23	07/01/93	19	07/01/93	18	07/01/93	23	07/01/93	-
New York *	22.89	01/01/92	24.84	01/01/92	8	10/01/90	22.84	01/01/92	-
North Carolina *	22.3	01/01/93	22.3	01/01/93	22.3	01/01/93	22.3	01/01/93	-
	22	07/01/93	22	07/01/93	22	07/01/93	22	07/01/93	-
North Dakota *	18	12/01/93	18	12/01/93	18	12/01/93	18	12/01/93	-
Ohio *	21	07/01/91	21	07/01/91	21	07/01/91	21	07/01/91	-
	22	07/01/93	22	07/01/93	22	07/01/93	22	07/01/93	-
Oklahoma *	17	07/01/89	14	07/01/89	17	07/01/89	17	07/01/89	-
Oregon *	24	01/01/93	24	01/01/93	24	01/01/93	19	01/01/93	-
	24	01/01/93	24	01/01/93	24	01/01/93	24	09/01/93	-
Pennsylvania *	22.35	09/01/91	22.35	09/01/91	22.35	09/01/91	22.35	09/01/91	-
Rhode Island *	26	04/01/91	26	04/01/91	26	04/01/91	26	04/01/91	-
	28	07/01/93	28	07/01/93	28	07/01/93	28	07/01/93	-
South Carolina	16	01/01/89	16	01/01/89	16	01/01/89	16	01/01/91	-
South Dakota *	18	04/01/88	18	04/01/88	16	04/01/88	16	04/01/88	2
Tennessee *	20	04/01/89	17	04/01/90	14	04/01/89	20	04/01/89	-
Texas *	20	10/01/91	20	10/01/91	15	01/01/87	20	10/01/91	-
Utah *	19	04/01/87	19	04/01/87	19	04/01/87	19	04/01/87	-
Vermont *	16	07/01/89	17	07/01/89	-	-	16	07/01/89	-
Virginia *	17.5	07/01/92	16	07/01/92	16	07/01/92	17.5	07/01/92	-
Washington *	23	04/01/91	23	04/01/91	-	-	20.7	04/01/91	2.3
West Virginia *	20.35	04/01/89	20.35	04/01/89	20.35	04/01/89	20.35	04/01/89	-
	25.35	05/01/93	25.35	05/01/93	25.35	05/01/93	25.35	05/01/93	-
Wisconsin *	22.2	04/01/91	22.2	04/01/91	22.2	04/01/91	22.2	04/01/91	-
	23.2	04/01/93	23.2	04/01/93	23.2	04/01/93	23.2	04/01/93	-
Wyoming *	9	07/01/89	9	07/01/89	-	-	5	07/01/89	4
Mean	19.10		19.08		15.39		18.74		
Weighted Avg. <sup>3</sup>	18.34		18.62		12.48		19.33		
Federal Tax	18.4	10/01/93	24.4	10/01/93	18.3	10/01/93	13	10/01/93	5.4

TAX RATES ON MOTOR FUEL - 1993<sup>1</sup>

TABLE MF-121T  
SHEET 2 OF 2  
OCTOBER 1994

STATE	SALES TAX	
	PERCENT	REMARKS
Alabama	4	Applies to fuel not taxable under volume tax laws.
Arizona	5	Applies to fuel not taxed under the motor-fuel or use-fuel taxes.
Arkansas	4.5	Special fuel for municipal buses and gasoline are exempt.
California	6	Applies to sales price including Federal and State motor-fuel taxes.
Colorado	3	Applies to fuel not taxable under volume tax laws.
Dist. of Col.	6	Applies to fuel not taxable under volume tax laws.
Georgia	4	A 3-percent "second motor-fuel tax" and a 1-percent sales tax apply 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.
Iowa	5	Fuel on which the volume tax was paid and not refunded is exempt. Gasohol is exempt.
Kansas	4.9	Applies to fuels not taxable under the volume tax laws.
Kentucky	6	Applies to sales price, exclusive of Federal tax, of fuels not taxable under the volume tax laws.
Louisiana	4	Fuels subject to volume tax are exempt. Gasohol is exempt if alcohol produced in State.
Maine	6	Applies to motor fuel not taxed at the maximum rate for highway use under the volume tax laws.
Massachusetts	5	Applies to fuels not taxable under the volume tax laws.
Michigan	4	Applies to sales price including Federal 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 volume tax laws.
New Mexico	5	Applies to fuels not taxable under the volume tax laws. Ethanol blends deductible under the gasoline tax laws are exempt.
New York	4	Applies to sales price including Federal motor-fuel tax.
North Dakota	5	Applies to fuels not taxable under the volume tax laws.
Ohio	5	Applies to fuels not taxable under the volume tax laws.
Oklahoma	4.5	Applies to fuels not taxable under the volume tax laws.
Pennsylvania	6	Applies to fuels not taxable under the volume 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 volume 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 volume tax laws.
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 excluding Federal and State volume taxes. The following are exempt: certain providers of public transportation of handicapped persons and certain commercial fishing vessels.
Wisconsin	5	Applies to fuels not taxable under the volume tax laws.
Wyoming	4	Applies to sales price of LPG. Gasoline and diesel subject to volume tax are exempt.

<sup>1</sup> This table shows motor-fuel tax rates in effect as of January 1, and any subsequent changes that occurred throughout the year. Only taxes that are levied 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 omitted. Local option taxes are included only when they have been adopted uniformly Statewide.

<sup>2</sup> The gasohol rates shown are for gasoline blended with 10 percent ethanol.

<sup>3</sup> Average State tax rate weighted on the net volume taxed. The weighted average for gasoline and gasohol combined is 18.42 cents. The combined rate for diesel and LPG is 18.59 cents.

For States marked with an asterisk, see the notes below:

- Alabama - The gasoline, gasohol, and diesel rates include a 2¢ per gallon inspection fee. Alabama-registered LPG vehicles pay an annual fee based on vehicle type in lieu of the volume tax.
- Arizona - The diesel rate includes an 8¢ per gallon surcharge on fuel used to propel a diesel class motor vehicle.
- Arkansas - The gasoline, gasohol, and diesel rates include 0.2¢ per gallon Environmental Assurance Fee. Applicants for LPG user permits must pay a fee based on vehicle size and weight in lieu of the volume tax.
- California - LPG users may pay an annual fee in lieu of the volume tax.
- Colorado - Owners of LPG vehicles registered in the State must pay an annual fee in lieu of the volume tax.
- Delaware - Rates are variable, adjusted annually.
- Florida - Tax rates are variable, adjusted annually. For gasoline and gasohol, in addition to the rates shown, there is a State-Imposed State Comprehensive Enhanced Transportation System (SCETS) tax that varies by county from 0.4-3¢ per gallon. All but 1 county levies the SCETS tax, but a number levy less than the maximum rate. LPG vehicles registered in the State pay an annual fee in lieu of the tax on alternative fuels and the SCETS tax.
- Idaho - LPG users may pay an annual fee based on vehicle weight in lieu of volume tax.
- Illinois - Motor carriers pay an additional 5.9¢ per gallon on diesel.
- Indiana - Motor carriers pay an additional 11¢ per gallon. LPG vehicles pay an annual fee.
- Kansas - LPG users may pay an annual fee based on mileage and gross vehicle weight in lieu of the volume tax.
- Kentucky - Tax rates are variable, adjusted quarterly. A 2% surtax is imposed on gasoline and 4.7% on special fuels for any vehicle with 3 or more axles. There is an additional 2¢ per gallon surtax on vehicles with a combined license weight over 59,999 pounds. The gasoline, gasohol, and diesel rates include 0.4¢ per gallon Petroleum Environmental Assurance Fee.
- Louisiana - Owners of LPG vehicles of 10,000 pounds or less gross vehicle weight pay an annual fee based on mileage.
- Massachusetts - Tax rates are variable, adjusted quarterly.
- Michigan - Rate may be adjusted by the Commissioner of Revenue; law does not specify basis. There is a 6¢ per gallon discount if diesel is delivered into the fuel supply tank of a commercial vehicle licensed under the motor-carrier fuel tax.
- Minnesota - Owners of LPG vehicles registered in the State pay an annual fee based on weight and mileage in lieu of the volume tax. There is a credit of 20¢ per gallon of alcohol used to make gasohol.
- Mississippi - The gasoline, gasohol, and diesel rates include 0.4¢ per gallon dedicated to the Groundwater Protection Trust Fund.
- Missouri - The gasoline and gasohol rates include 0.03¢ per gallon inspection fee. LPG vehicles 18,000 pounds or less gross vehicle weight registered in the State pay an annual fee in lieu of the volume tax.
- Montana - LPG vehicles registered in the State pay an annual fee based on gross weight in lieu of the volume tax. Out-of-State vehicles purchase trip permits. There is an alcohol distiller credit of 30¢ per gallon of alcohol produced in the State with State agricultural products and used to make gasohol.
- Nebraska - Rates are variable, adjusted quarterly. The gasoline, gasohol, and diesel rates include 0.6¢ per gallon Petroleum Release Remedial Action Fee.
- New Hampshire - The gasoline, gasohol, and diesel rates include 0.7¢ per gallon Oil Discharge and Disposal Cleanup Fee. Alternative fuel vehicles pay twice the usual registration fee in lieu of the volume tax.
- New Jersey - In addition to the rates shown, there is a Petroleum Products Gross Receipts Tax. The tax is computed on a cents per gallon basis and is applicable to a wide variety of petroleum products.
- New Mexico - The gasoline, gasohol, and diesel rates include the Petroleum Products Loading Fee of \$80 per 8,000 gallons (1¢ per gallon). Owners of LPG-powered vehicles up to 26,000 pounds gross vehicle weight may pay an annual fee in lieu of the volume tax.
- New York - Rates are variable, adjusted annually. There is an additional tax on motor carriers of 7.9¢ per gallon of gasoline and 8.7¢ on diesel. Rates include the Petroleum Business Tax of 14.84¢ per gallon. The gasoline rate includes a 0.5 mill (0.05¢) per gallon Petroleum Testing Fee.
- North Carolina - Rates are variable, adjusted semiannually.
- North Dakota - A special excise tax of 2% is imposed on all sales of special fuel (diesel or LPG) that are exempted from the volume tax if the fuel is sold for use in the State. There is a producer credit of 40¢ per gallon of agriculturally derived alcohol produced in the State and used to make gasohol.
- Ohio - Rates are variable, adjusted annually until July 1, 1993 when the rate becomes fixed. Commercial vehicles formerly subject to the highway use tax pay an additional 3¢ per gallon. Dealers are refunded 15¢ per gallon (10¢ effective 7/1/93) of each qualified fuel (ethanol or methanol) blended with unleaded gasoline.
- Oklahoma - Rates shown include 1¢ 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. The gasoline, gasohol, and LPG rates include 0.08¢ for fuel inspection. LPG users may pay an annual fee in lieu of the volume tax.
- Oregon - The diesel and LPG rates shown are paid by users for vehicles not under the jurisdiction of Public Utility Commissioner. Vehicles under the jurisdiction of the Public Utilities Commissioner and paying motor-carrier fees are exempt from payment of the motor-fuel tax.
- Pennsylvania - The rates include the Oil Franchise Tax for Maintenance and Construction, a variable rate tax adjusted monthly. Motor carriers pay an additional 6¢ per gallon.
- Rhode Island - Rates are variable, adjusted quarterly.
- South Dakota - There is a credit of the rate of the gasoline tax to distributors blending gasoline with ethanol to produce gasohol. There is also a producer incentive payment of 20¢ per gallon.
- Tennessee - LPG users without permits must pay in advance at the beginning of the fiscal year; others pay quarterly. Fee is based on vehicle weight and fuel efficiency.
- Texas - Owners of LPG vehicles registered in the State must pay an annual fee in lieu of the volume tax.
- Texas - LPG is tax exempt if user purchases annual exemption certificate.
- Vermont - Diesel vehicles 10,000 pounds and over pay 26¢ per gallon. LPG vehicles are subject to a registration fee 1.75 times the usual fee. The gasoline, gasohol, and diesel rates include 1¢ per gallon for the Petroleum Cleanup Fund.
- Virginia - Motor-carrier road tractors, tractor trucks and straight trucks with more than 2 axles pay an additional 3.5¢ per gallon.
- Washington - Owners of LPG vehicles pay an annual fee.
- West Virginia - Rates are variable, adjusted annually.
- Wisconsin - Rates are variable, adjusted annually.
- Wyoming - LPG is subject to sales tax. The gasoline, gasohol, and diesel rates include 1¢ for the Underground Storage Tank Corrective Action Account.





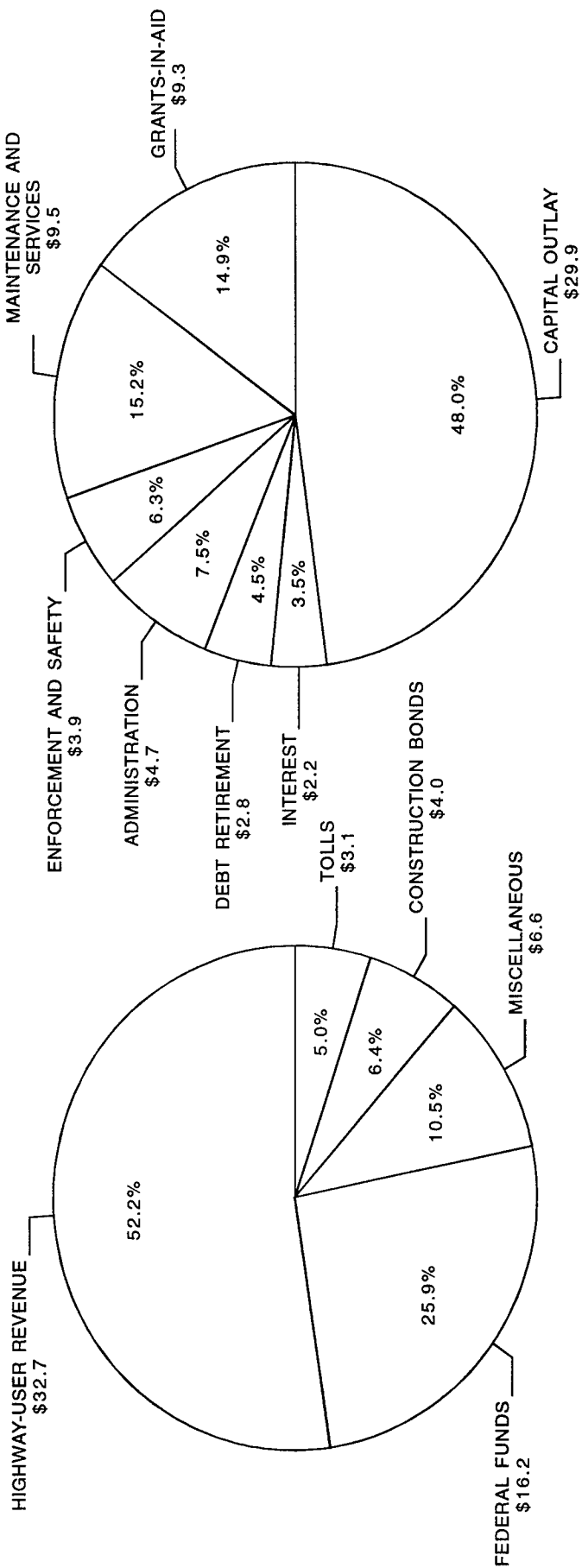








# STATE RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS - 1993 (BILLIONS OF DOLLARS)



DISBURSEMENTS

RECEIPTS



DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS - 1993<sup>1</sup>

TABLE SF-4  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

BALANCES END OF YEAR

STATE	CAPITAL OUTLAY FOR ROADS AND BRIDGES 2	MAINTENANCE AND HIGHWAY SERVICES 2	ADMINISTRATION AND MISCELLANEOUS 2	HIGHWAY LAW ENFORCEMENT AND SAFETY	INTEREST	BOND RETIREMENT 3	TOTAL DISBURSEMENTS	RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL
Alabama	470,233	157,868	56,532	50,706	3,860	12,805	752,004	260,937	-	260,937
Alaska	242,000	130,000	28,900	19,867	1,365	6,305	428,437	-	-	274,847
Arizona	454,634	74,471	54,606	58,997	146,745	404,972	1,194,325	250,039	24,808	78,022
Arkansas	345,648	111,443	19,658	41,840	-	-	518,589	78,022	-	1,824,196
California	2,090,728	612,198	687,771	480,058	5,329	4,468	3,880,552	1,815,753	8,443	159,773
Colorado	341,276	154,997	32,813	39,740	39,740	-	568,826	970,426	-	970,426
Connecticut	588,065	72,364	64,163	34,702	165,415	648,989	1,573,698	206,442	58,347	264,789
Delaware	205,535	59,733	18,621	27,413	39,814	199,901	551,017	-	-	1,622,896
Florida	1,675,637	311,412	139,635	194,801	196,242	1,249,751	3,767,478	1,379,477	243,419	1,121,273
Georgia	737,696	224,490	79,274	90,312	41,344	1,14,830	1,287,946	1,014,281	106,992	291,090
Hawaii	300,561	19,813	22,879	2,858	11,758	61,868	419,737	80,291	-	80,291
Idaho	124,933	58,673	26,265	14,860	-	-	224,731	-	-	884,346
Illinois	1,300,146	325,017	204,262	113,508	114,189	590,857	2,647,979	655,958	228,388	466,312
Indiana	530,516	209,589	60,665	31,070	41,131	132,660	1,005,631	39,511	30,190	39,511
Iowa	412,640	42,995	42,995	74,598	11,758	-	640,925	843,277	-	851,270
Kansas	379,849	104,387	35,339	36,104	44,863	224,869	825,411	-	7,993	808,789
Kentucky 4	482,610	154,157	48,141	41,006	86,584	667,780	1,480,378	628,956	-	14,088
Louisiana	598,835	121,414	69,274	49,855	81,084	106,979	1,027,441	104,472	-	118,560
Maine	136,176	116,580	15,388	25,793	12,515	12,515	316,071	157,223	2,762	159,985
Maryland	471,633	158,492	83,413	159,267	20,340	155,149	1,048,294	90,878	35,699	126,577
Massachusetts 4	821,113	155,638	160,149	100,020	117,707	492,952	1,847,585	299,235	114,762	413,997
Michigan	555,849	145,051	167,344	158,434	20,805	1,812	1,049,295	546,351	528	546,879
Minnesota	520,364	161,489	65,433	63,297	4,780	36,308	851,671	99,520	16,568	116,088
Mississippi	317,850	57,397	39,939	40,508	9,588	27,260	492,542	163,972	108,625	272,597
Missouri	497,980	218,493	16,104	81,701	-	-	914,278	28,983	-	28,983
Montana	190,349	53,339	13,999	22,898	12,116	123,086	415,787	92,878	-	92,878
Nebraska	264,521	55,918	13,208	27,943	-	-	361,590	145,786	-	145,786
Nevada	187,941	60,342	15,903	28,921	3,242	16,220	312,569	105,561	776	106,337
New Hampshire	167,893	84,585	19,380	38,591	19,924	23,083	353,456	56,968	21,002	77,970
New Jersey	953,446	328,351	189,392	182,612	252,420	517,001	2,423,222	1,872,843	315,745	2,188,588
New Mexico	312,089	59,565	38,641	41,424	-	-	451,719	-	-	-
New York	1,974,911	641,591	444,099	167,830	195,857	508,825	3,933,113	327,786	195,336	523,122
North Carolina	817,921	407,864	115,180	156,352	6,378	31,640	1,535,335	673,585	-	673,585
North Dakota	95,501	35,210	17,264	9,712	-	-	157,687	27,318	-	27,318
Ohio	741,026	440,968	256,765	133,663	23,582	74,065	1,670,069	276,688	122,268	398,956
Oklahoma	252,354	112,237	64,855	37,159	46,283	-	512,888	169,568	100,150	269,718
Oregon	317,144	160,585	27,887	39,184	3,291	9,680	557,771	66,894	442	67,336
Pennsylvania	1,285,148	802,039	109,569	237,546	164,196	842,943	3,441,441	1,123,499	87,294	1,210,793
Rhode Island	221,563	41,771	6,635	15,280	14,130	41,886	341,265	10,516	3,550	14,066
South Carolina	396,059	136,028	59,249	64,948	-	-	656,284	197,571	-	197,571
South Dakota	186,888	38,619	18,055	12,131	-	-	255,693	29,589	-	29,589
Tennessee	547,498	185,130	68,042	59,226	649	4,950	865,495	959,346	-	959,346
Texas	1,978,812	674,529	341,505	204,964	33,891	140,491	3,374,192	493,196	48,117	541,313
Utah	212,994	66,850	30,182	20,356	-	-	330,382	42,463	-	42,463
Vermont	95,091	29,539	12,134	26,653	2,050	13,907	179,374	24,314	1,628	25,942
Virginia	625,765	509,428	138,704	97,627	32,544	176,126	1,580,194	766,210	-	766,210
Washington	676,259	193,348	138,493	116,098	48,757	228,735	1,401,690	232,638	24,313	256,951
West Virginia	467,439	165,529	49,826	12,338	25,005	169,409	889,546	185,007	13,973	198,980
Wisconsin	563,034	123,971	65,148	53,289	32,856	150,238	988,536	148,607	27,009	175,616
Wyoming	140,931	52,084	22,551	17,419	-	-	232,985	18,615	-	18,615
Total	28,275,084	9,485,278	4,616,229	3,855,379	2,079,833	8,225,325	56,537,128	18,647,445	2,143,038	20,790,483

<sup>1</sup> Tables SF-3 and SF-4 summarize receipts and disbursements for state-administered roads and bridges. See general note on Table SF-3 for details. See Table SF-21 for general note on SF series.  
<sup>2</sup> The classification of administration and miscellaneous expenditures is not uniform for all States because of indeterminate amounts charged to construction and maintenance projects.  
<sup>3</sup> Includes redemption by refunding. See Table SB-2 for details.  
<sup>4</sup> 1993 State highway finance data not reported for Kentucky and Massachusetts. Estimated by FHWA.





FUNDING FOR STATE GRANTS-IN-AID FOR LOCAL ROADS AND STREETS - 1993<sup>1</sup>

TABLE SF-5A  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

STATE	BALANCE BEGINNING OF YEAR	SOURCE OF STATE GRANTS-IN-AID										TOTAL	GRANTS-IN-AID FOR ROADS AND STREETS	BALANCE END OF YEAR		
		HIGHWAY-USER REVENUES					TOLLS	APPROPRI- ATIONS FROM GENERAL FUNDS	OTHER STATE IMPOSTS	MISCEL- LANEOUS	ISSUE OF BONDS				FHWA	OTHER FEDERAL AGENCIES <sup>2</sup>
		MOTOR- FUEL TAXES	MOTOR- VEHICLE AND MOTOR- CARRIER TAXES	TOTAL	OTHER STATE IMPOSTS	MISCEL- LANEOUS										
Alabama	-	170,991	18,711	189,702	-	-	-	-	-	-	-	-	695	190,397	-	-
Alaska	-	5,807	193	6,000	-	-	-	-	-	-	-	-	-	6,975	-	-
Arizona	-	208,657	124,791	333,448	-	-	-	-	1,224	-	-	-	2,829	337,501	-	-
Arkansas	-	88,751	20,082	108,833	-	-	-	-	-	-	-	-	587	109,420	-	-
California	-	1,095,004	101,581	1,196,585	-	25,759	-	-	722	-	-	-	30,824	1,253,890	-	15,661
Colorado	-	225,171	84,354	309,525	-	-	-	-	-	-	-	-	2,771	345,339	-	-
Connecticut	-	19,703	10,188	29,891	-	-	-	-	-	-	-	-	-	29,891	-	-
Delaware	-	3,000	-	3,000	-	-	-	-	-	-	-	-	-	3,000	-	-
Florida	-	122,445	18,217	140,662	-	14,851	-	-	-	4,250	-	-	3,611	163,374	-	-
Georgia	-	-	-	-	-	-	2,260	-	-	-	-	-	2,135	4,395	-	-
Hawaii	-	-	22,942	22,942	-	-	-	-	-	-	-	-	-	22,942	-	-
Idaho	-	48,984	26,302	75,286	-	-	-	-	-	-	-	-	-	86,769	-	-
Illinois	-	394,226	4,684	398,910	-	-	-	-	-	-	-	-	23	435,765	-	296
Indiana	10,499	251,528	55,705	307,233	-	-	-	-	4,209	-	-	-	-	311,442	-	12,897
Iowa	-	193,803	155,545	349,348	-	-	-	-	-	-	-	-	-	359,523	-	-
Kansas	28,252	112,025	734	112,759	-	1,778	-	-	94	-	-	-	-	124,174	-	28,754
Kentucky <sup>3</sup>	-	178,191	14,928	193,119	-	-	-	-	-	-	-	-	342	193,461	-	-
Louisiana	-	19,631	-	19,631	-	-	-	-	-	-	-	-	1,209	20,840	-	-
Maine	-	14,124	5,297	19,421	-	-	-	-	-	-	-	-	-	19,421	-	-
Maryland	-	97,328	111,396	208,724	-	-	-	-	-	-	27,385	-	-	248,344	-	-
Massachusetts <sup>3</sup>	-	91,120	8,092	99,212	-	-	-	-	-	-	-	-	-	99,212	-	-
Michigan	-	405,811	262,168	667,979	-	-	-	-	-	-	-	-	-	667,979	-	-
Minnesota	486,158	182,639	159,003	341,642	-	-	-	-	21,846	-	-	-	1,334	364,822	-	460,507
Mississippi	2,413	63,686	41,291	104,977	-	-	-	-	-	-	-	-	6,510	111,487	-	42,438
Missouri	-	110,223	23,279	133,502	-	-	-	-	147	-	-	-	980	195,004	-	234
Montana	-	14,342	668	15,010	-	-	-	-	-	-	-	-	-	24,247	-	-
Nebraska	-	63,593	21,258	84,851	-	-	-	-	-	-	-	-	39	167,325	-	-
Nevada	-	41,775	-	41,775	-	-	-	-	-	-	43,580	-	213	41,988	-	-
New Hampshire	-	13,483	6,090	19,573	-	-	-	-	-	-	-	-	294	19,867	-	-
New Jersey	-	49,608	38,846	88,454	-	-	-	-	-	-	-	3	-	88,457	-	-
New Mexico	-	32,525	28,851	61,376	-	-	-	-	-	-	-	-	-	62,197	-	-
New York	131,462	162,341	75,913	238,254	-	-	-	-	-	193,179	-	-	-	431,433	-	112,109
North Carolina	-	67,127	21,087	88,214	-	-	-	-	-	-	-	-	-	88,214	-	-
North Dakota	-	30,111	11,534	41,645	-	-	-	-	112	-	-	-	83	43,428	-	-
Ohio	-	390,840	380,659	771,499	-	-	-	-	-	-	-	-	19	771,518	-	-
Oklahoma	-	82,772	42,219	124,991	-	-	-	-	-	-	-	-	-	143,390	-	-
Oregon	-	129,275	73,502	202,777	-	-	-	-	-	-	39,023	-	64,433	267,210	-	-
Pennsylvania	-	130,252	48,594	178,846	-	-	-	-	-	-	-	-	2,307	220,176	-	-
Rhode Island	-	21,471	-	21,471	-	-	-	-	-	-	-	-	-	22,225	-	21,471
South Carolina	-	177,566	39,571	217,137	-	-	-	-	-	-	-	-	1,694	28,739	-	-
Tennessee	-	7,300	133,907	141,207	-	-	-	-	-	-	-	-	506	229,660	-	-
Texas	-	42,000	10,883	52,883	-	-	-	-	-	-	-	-	1,848	143,055	-	-
Utah	-	9,536	11,504	21,040	-	-	-	-	-	-	-	-	8,657	61,540	-	-
Vermont	-	93,397	66,655	160,052	-	-	-	-	-	-	-	-	93	21,133	-	-
Virginia	-	328,228	51,031	379,259	-	-	-	-	3,080	-	-	-	334	160,386	-	-
Washington	-	200,014	63,263	263,277	-	-	-	-	-	-	46,300	-	15,583	444,222	-	106,179
West Virginia	-	8,834	-	8,834	-	-	-	-	-	-	-	-	-	263,770	-	-
Wisconsin	-	6,199,238	2,421,758	8,620,996	-	42,388	2,260	196,807	31,434	197,429	193,351	174,894	1,178	9,317,807	-	800,536
Wyoming	-	658,784	-	658,784	-	-	-	-	-	-	-	-	-	9,459,559	-	-
Total	-	6,199,238	2,421,758	8,620,996	-	42,388	2,260	196,807	31,434	197,429	193,351	174,894	1,178	9,459,559	-	800,536

<sup>1</sup> This table summarizes State grants-in-aid to local governments for road and street purposes. Amounts shown are included in Tables SF-5 and SF-6.

<sup>2</sup> Includes Forest Reserve funds, NHTSA, and other Federal agency funds.

<sup>3</sup> 1993 State highway finance data not reported for Kentucky and Massachusetts. Estimated by FHWA.

REVENUES USED BY STATES FOR LOCAL ROADS AND STREETS - 1993<sup>1</sup>

TABLE SF-5  
OCTOBER 1994  
COMPILED FROM REPORTS OF STATE AUTHORITIES  
(THOUSANDS OF DOLLARS)

STATE	BALANCE BEGINNING OF YEAR 2			HIGHWAY-USER REVENUES 3				TOLLS	APPROPRIATIONS FROM GENERAL FUNDS 4	OTHER STATE IMPOSTS 5	MISCELLANEOUS	ISSUE OF BONDS	PAYMENTS FROM OTHER GOVERNMENTS			TOTAL RECEIPTS
	RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL	MOTOR-FUEL TAXES	MOTOR-VEHICLE AND MOTOR-CARRIER TAXES	TOTAL	FEDERAL HIGHWAY ADMINISTRATION						OTHER AGENCIES	LOCAL GOVERNMENTS		
Alabama	-	-	-	170,991	18,711	189,702	-	-	-	-	-	-	-	695	190,397	
Alaska	-	-	-	6,430	214	6,644	-	-	-	-	-	-	-	975	7,619	
Arizona	3,504	-	3,504	208,657	124,791	333,448	-	-	-	-	1,224	-	4,406	2,829	360,563	
Arkansas	13,058	-	13,058	102,654	20,082	122,736	-	-	-	-	-	-	2,781	587	126,104	
California	-	-	-	1,097,038	102,391	1,199,429	-	-	-	-	722	-	63,305	31,701	1,320,916	
Colorado	-	-	-	225,171	84,354	309,525	-	-	33,043	-	-	-	-	2,771	345,339	
Connecticut	-	-	-	19,741	10,208	29,949	-	-	-	-	-	-	-	-	29,949	
Delaware	-	-	-	3,000	3,000	3,000	-	-	-	-	-	-	-	-	3,000	
Dist. of Col.	-	-	-	35,102	48,622	83,724	-	56,363	-	-	64,486	35,950	25,717	806	289,250	
Florida	-	15,204	15,204	131,273	22,247	153,520	14,851	2,260	-	1,102	4,285	3,611	25,717	3,611	203,066	
Georgia	-	-	-	-	-	-	-	-	-	-	-	-	1,796	6,191	26,297	
Hawaii	-	-	-	-	26,297	26,297	-	-	-	-	-	-	-	11,483	86,769	
Idaho	-	-	-	48,984	26,302	75,286	-	-	-	-	-	-	-	23	616,495	
Illinois	-	-	-	483,091	72,798	555,889	-	-	36,832	-	-	-	23,751	-	416,891	
Indiana	10,499	-	10,499	317,889	75,114	393,003	-	-	10,175	4,209	-	-	19,679	-	359,523	
Iowa	-	-	-	193,803	155,545	349,348	-	-	-	-	-	-	-	-	179,299	
Kansas	30,612	-	30,612	116,547	3,058	119,605	1,778	-	9,543	187	-	-	8,771	-	270,874	
Kentucky 6	-	-	-	200,833	69,699	270,532	-	-	-	-	-	-	-	342	270,874	
Louisiana	-	-	-	21,321	356	21,677	-	-	-	-	-	-	-	1,209	22,886	
Maine	-	-	-	16,423	6,159	22,582	-	-	-	-	-	-	-	-	22,582	
Maryland	-	33,404	33,404	117,148	111,396	228,544	-	-	12,235	2,531	-	-	-	-	270,695	
Massachusetts 6	-	-	-	118,770	28,522	147,292	-	-	-	-	-	3,135	495	-	210,299	
Michigan	-	-	-	416,068	268,795	684,863	-	-	-	-	-	-	-	-	684,863	
Minnesota	486,158	-	486,158	182,639	159,003	341,642	-	-	-	21,846	-	-	23,476	1,334	452,585	
Mississippi	2,413	-	2,413	154,582	58,391	212,973	-	-	23,315	-	-	-	-	6,510	232,187	
Missouri	-	-	-	110,223	23,279	133,502	-	-	-	147	-	-	-	980	197,156	
Montana	-	-	-	14,342	668	15,010	-	-	-	-	-	-	-	9,237	24,247	
Nebraska	-	-	-	70,371	22,616	92,987	-	-	38,855	-	-	-	-	39	175,461	
Nevada	-	-	-	41,775	41,775	83,550	-	-	-	-	-	-	-	213	84,763	
New Hampshire	-	-	-	16,529	7,466	23,995	-	-	-	-	-	-	-	294	24,289	
New Jersey	-	-	-	58,001	45,419	103,420	-	-	-	-	-	81,924	1,742	-	187,089	
New Mexico	-	-	-	30,776	30,776	61,552	-	-	-	-	-	-	-	821	66,925	
New York	131,462	-	131,462	343,079	160,428	503,507	-	-	-	-	-	193,179	-	-	696,686	
North Carolina	-	-	-	69,311	21,773	91,084	-	-	-	-	-	-	-	-	91,084	
North Dakota	-	-	-	41,207	19,484	60,691	-	-	1,588	112	-	-	10,293	83	72,767	
Ohio	-	-	-	455,554	385,024	840,578	-	-	-	-	-	-	-	19	852,722	
Oklahoma	82,649	-	82,649	103,984	44,999	148,983	-	-	21,806	-	-	13,216	-	64,433	184,005	
Oregon	-	-	-	129,275	73,502	202,777	-	-	-	-	-	-	-	2,307	267,210	
Pennsylvania	-	-	-	130,252	48,594	178,846	-	-	-	-	-	-	-	-	220,176	
Rhode Island	-	-	-	30,455	1,933	32,388	-	-	-	-	-	-	-	754	33,142	
South Carolina	-	-	-	26,240	26,240	52,480	-	-	805	-	-	-	2,163	1,694	30,902	
South Dakota	-	-	-	193,156	45,760	238,916	-	-	12,017	-	-	-	-	506	251,439	
Tennessee	-	-	-	7,300	133,907	141,207	-	-	-	-	-	-	-	1,848	143,055	
Texas	-	-	-	54,922	13,461	68,383	-	-	-	-	-	-	-	8,657	79,840	
Utah	-	-	-	16,048	19,361	35,409	-	-	-	-	-	-	-	93	35,904	
Vermont	-	-	-	93,397	66,655	160,052	-	-	-	-	-	-	402	334	160,386	
Virginia	-	-	-	362,842	51,031	413,873	-	-	-	3,080	-	-	3,704	15,591	550,683	
Washington	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Virginia	-	-	-	241,187	76,286	317,473	-	-	-	-	-	-	-	493	350,738	
Wisconsin	32,191	-	32,191	15,556	4,379	19,935	-	-	-	3,386	-	-	-	4,564	27,885	
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	792,546	48,608	841,154	7,022,249	2,816,096	9,838,345	42,388	58,623	200,214	103,032	386,578	451,079	240,178	179,971	11,500,408	

1 Tables SF-5 and SF-6 summarize State receipts and disbursements applicable to local roads and streets not under State control. Data for local roads under State control are included in Tables SF-3 and SF-4. See Table SF-21 for general notes on SF table series.  
 2 Any differences between beginning balances and the ending balances on last year's Table SF-6 are the result of accounting adjustments, inclusion of funds not previously reported, etc.  
 3 Amounts shown represent only those highway-user revenues expended on local roads. See FHWA.  
 4 Gross general fund appropriations for highways were reduced by the amount of highway-user revenues placed in the State General Fund. See Tables SF-1 and DF.  
 5 Includes sales and use taxes, severance taxes, and other State taxes.  
 6 1993 State highway finance data not reported for Kentucky and Massachusetts. Estimated by FHWA.

STATE EXPENDITURES AND GRANTS-IN-AID FOR LOCAL ROADS AND STREETS - 1993<sup>1</sup>

COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE SF-6  
OCTOBER 1994

(THOUSANDS OF DOLLARS)

STATE	DIRECT EXPENDITURES BY STATE <sup>2</sup>						TOTAL	GRANTS-IN-AID TO LOCAL GOVERNMENTS	TOTAL	BALANCE END OF YEAR		TOTAL
	CAPITAL OUTLAY <sup>3</sup>	MAINTENANCE	ADMINISTRATION AND HIGHWAY POLICE	INTEREST	REDEMPTION	TOTAL				RESERVES FOR CURRENT HIGHWAY WORK	RESERVES FOR DEBT SERVICE	
Alabama	-	-	-	-	-	644	190,397	190,397	-	-	-	
Alaska	-	-	-	92	552	644	7,619	7,619	-	-	400	
Arizona	26,166	-	-	-	-	26,166	337,501	337,501	400	-	13,058	
Arkansas	16,684	-	-	-	-	16,684	109,420	109,420	13,058	-	15,651	
California	44,594	562	21,870	-	-	67,026	1,305,265	1,305,265	13,651	-	-	
Colorado	-	-	-	-	-	-	345,339	345,339	-	-	-	
Connecticut	58	-	-	-	-	58	29,949	29,949	-	-	-	
Delaware <sup>2</sup>	-	-	-	-	-	-	3,000	3,000	-	-	-	
Dist. of Col. <sup>4</sup>	108,194	27,954	17,615	13,419	122,068	289,250	289,250	289,250	-	13,748	13,748	
Florida	9,332	-	-	5,296	26,510	41,138	204,512	204,512	-	-	-	
Georgia	-	1,796	-	-	-	1,796	4,395	4,395	-	-	-	
Hawaii	3,185	170	-	-	-	3,355	22,942	22,942	-	-	-	
Idaho	-	-	-	-	-	-	86,769	86,769	-	-	-	
Illinois	169,610	11,120	-	-	-	180,730	435,469	435,469	296	-	296	
Indiana	105,115	-	334	-	-	105,449	309,044	309,044	12,897	-	12,897	
Iowa	-	-	-	-	-	-	359,523	359,523	-	-	-	
Kansas	53,750	-	-	-	-	53,750	123,672	123,672	32,489	-	32,489	
Kentucky <sup>5</sup>	73,472	-	3,941	511	1,535	77,413	193,461	193,461	-	-	-	
Louisiana	-	-	-	-	-	2,046	20,840	20,840	-	-	-	
Maine	2,289	872	-	-	-	3,161	19,421	19,421	-	-	-	
Maryland	-	-	-	10,454	16,405	26,859	248,344	248,344	-	28,896	28,896	
Massachusetts <sup>5</sup>	74,793	-	-	2,196	34,098	111,087	99,212	99,212	-	-	-	
Michigan	5,645	-	-	2,873	8,366	16,884	667,979	667,979	-	-	-	
Minnesota	87,763	-	-	-	-	87,763	390,473	390,473	460,507	-	460,507	
Mississippi	115,726	-	-	1,250	3,724	120,700	71,462	71,462	42,438	-	42,438	
Missouri	2,152	-	-	-	-	2,152	194,770	194,770	234	-	234	
Montana	-	-	-	-	-	-	24,247	24,247	-	-	-	
Nebraska	8,005	2	129	-	-	8,136	167,325	167,325	-	-	-	
Nevada	-	-	-	-	-	-	41,988	41,988	-	-	-	
New Hampshire	3,660	-	-	-	-	4,422	19,867	19,867	-	-	-	
New Jersey	88,249	-	762	1,383	9,000	98,632	88,457	88,457	-	-	-	
New Mexico	4,728	-	-	-	-	4,728	62,197	62,197	-	-	-	
New York	230,312	-	-	25,302	9,639	265,253	450,786	450,786	112,109	-	112,109	
North Carolina <sup>2</sup>	2,870	-	-	-	-	2,870	88,214	88,214	-	-	-	
North Dakota	27,585	1,555	199	-	-	29,339	43,428	43,428	-	-	-	
Ohio	81,204	-	-	-	-	81,204	771,518	771,518	-	-	-	
Oklahoma	81,127	-	590	-	-	81,717	143,390	143,390	41,547	-	41,547	
Oregon	-	-	-	-	-	-	267,210	267,210	-	-	-	
Pennsylvania	-	-	-	-	-	-	220,176	220,176	-	-	-	
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	
South Carolina	10,917	-	-	-	-	10,917	754	754	21,471	-	21,471	
South Dakota	2,163	-	-	-	-	2,163	28,739	28,739	-	-	-	
Tennessee	21,779	-	-	-	-	21,779	229,660	229,660	-	-	-	
Texas	-	-	-	-	-	-	143,055	143,055	-	-	-	
Utah	18,000	-	300	-	-	18,300	61,540	61,540	-	-	-	
Vermont	14,771	-	-	-	-	14,771	21,133	21,133	-	-	-	
Virginia <sup>2</sup>	-	-	-	-	-	-	160,386	160,386	-	-	-	
Washington	-	238	3,474	12,591	90,158	106,461	338,043	338,043	106,179	-	106,179	
West Virginia <sup>2</sup>	-	-	-	-	-	-	263,770	263,770	-	-	-	
Wisconsin	86,968	-	-	-	-	86,968	10,012	10,012	32,208	-	32,208	
Wyoming	17,856	-	-	-	-	17,856	27,868	27,868	-	-	-	
Total	1,598,722	44,269	49,214	75,367	322,055	2,089,627	9,317,807	9,317,807	891,484	42,644	934,128	

<sup>1</sup> Tables SF-5 and SF-6 summarize State receipts and disbursements applicable to local roads and streets not under State control. Data for local roads under State control are included in tables SF-3 and SF-4. See Table SF-21 for general note on SF table series.  
<sup>2</sup> Most local roads are under State control in Delaware, North Carolina, Virginia and West Virginia. Expenditures on these roads are included in Table SF-4.  
<sup>3</sup> Includes expenditures on Federal-aid projects that are located off the State system.  
<sup>4</sup> For the District of Columbia, the administration and highway police column includes administration, engineering and miscellaneous \$8,465,000 and highway police \$9,150,000.  
<sup>5</sup> 1993 State highway finance data not reported for Kentucky and Massachusetts. Estimated by FHWA.

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1993<sup>1</sup>  
IN RURAL AREAS  
CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12  
SHEET 1 OF 4  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

STATE	CAPITAL OUTLAY						MAINTENANCE						SUBTOTAL <sup>2</sup>
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	SUBTOTAL <sup>2</sup>	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	SUBTOTAL <sup>2</sup>	
Alabama	29,484	123,882	64,417	50,096	-	267,879	7,412	25,960	19,985	9,993	-	63,350	
Alaska	50,659	40,719	16,684	21,389	5,873	135,324	3,744	1,128	2,014	3,277	-	12,124	
Arizona	66,574	62,840	36,567	33,840	3,643	203,464	-	-	-	-	-	-	
Arkansas	26,357	99,531	38,278	47,661	11,408	223,235	-	-	-	-	-	-	
California	61,578	301,133	288,306	78,408	10,862	740,287	7,154	31,969	93,985	14,764	1,045	67,804	
Colorado	80,658	45,771	29,835	3,402	945	160,611	18,067	20,597	29,219	11,935	1,134	80,952	
Connecticut	30,305	9,917	7,052	25,984	1,967	75,225	-	3,539	6,589	6,344	1,556	19,394	
Delaware	-	87,489	1,841	4,941	1,925	96,196	-	294	58	49	272	673	
Dist. of Col.	-	-	-	-	-	-	-	-	-	-	-	-	
Florida	94,234	396,638	91,750	10,974	1,864	595,460	8,772	47,535	21,085	5,015	12	82,419	
Georgia	56,115	99,125	93,475	58,827	5,767	313,309	6,110	12,686	20,232	47,807	25,745	112,580	
Hawaii	20,447	5,044	29,803	17,075	63	72,432	700	313	5,630	2,069	163	8,875	
Idaho	41,236	41,657	17,785	15,602	-	116,280	2,307	7,097	5,238	5,645	-	20,287	
Illinois	212,843	62,380	466,195	27,327	678	769,423	21,476	12,385	44,164	13,606	4,272	95,903	
Indiana	130,626	28,388	78,303	70,701	-	308,018	38,619	27,804	28,499	58,267	251	153,440	
Iowa	72,276	150,259	61,661	7,898	226	292,320	12,509	25,807	10,583	599	17	49,515	
Kansas	34,629	190,457	40,582	50,806	2,524	318,998	17,531	24,384	13,769	2,853	10	58,547	
Kentucky <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	
Louisiana	56,281	57,557	22,413	97,279	32,344	265,874	1,136	58,190	-	1,571	-	60,897	
Maine	22,864	21,625	17,750	19,927	1,499	83,665	18,472	7,473	-	22,489	15,400	68,844	
Maryland	113,671	36,790	28,009	34,416	25,486	238,372	6,588	2,582	-	-	-	9,170	
Massachusetts <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	
Michigan	71,861	143,363	19,159	421	-	234,804	13,758	23,378	3,124	69	-	40,329	
Minnesota	14,920	93,401	46,198	6,240	-	160,759	5,342	23,489	23,594	4,788	37	57,250	
Mississippi	33,549	181,701	37,489	33,916	26,097	312,752	3,231	6,286	11,313	10,218	3,771	34,819	
Missouri	60,904	120,385	42,257	87,493	4,092	315,131	16,829	16,985	22,804	48,640	14,681	119,939	
Montana	33,598	48,821	35,271	32,625	-	150,315	3,520	5,134	3,716	3,423	-	15,793	
Nebraska	35,102	85,975	61,346	30,630	-	213,053	3,277	12,424	10,504	2,323	-	28,528	
Nevada <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	
New Hampshire	39,037	21,483	20,684	11,872	7,392	100,468	3,699	4,774	8,539	15,695	15,476	48,183	
New Jersey	10,398	45,064	43,266	7,550	-	106,278	4,801	20,698	4,153	348	188	30,188	
New Mexico	63,130	89,934	51,926	32,540	2,158	239,688	-	-	-	-	-	-	
New York	308,954	11,961	33,593	22,698	11,548	388,754	104,087	3,927	7,735	9,592	16,307	141,648	
North Carolina	95,113	150,758	52,253	85,394	16,482	400,000	8,739	11,934	9,588	45,017	20,423	95,701	
North Dakota	19,318	24,965	4,263	23,500	-	72,046	3,279	5,862	15,098	4,273	-	28,512	
Ohio	87,218	83,665	31,339	74,563	6,677	283,462	27,324	20,044	39,416	140,904	84,897	312,585	
Oklahoma	13,592	34,281	38,900	41,782	-	128,555	3,148	9,857	24,022	40,507	-	77,534	
Oregon	36,947	73,312	40,066	4,387	314	155,026	18,564	36,919	20,151	1,938	131	77,703	
Pennsylvania	295,404	127,743	98,192	12,248	26,950	560,537	43,941	24,684	23,534	76,113	240	168,512	
Rhode Island	4,734	3,235	6,888	9,100	1,090	25,047	2,051	961	1,114	2,187	-	6,731	
South Carolina	25,330	60,818	72,848	57,775	6,648	223,419	-	-	386	10,925	4,584	15,895	
South Dakota	22,248	65,858	31,015	14,745	105	133,971	5,088	43,212	11,161	4,030	-	29,668	
Tennessee	37,419	117,711	136,288	89,241	-	380,659	27,008	64,813	64,813	-	-	135,033	
Texas	156,428	338,473	177,569	291,348	-	963,818	162,540	165,255	86,932	103,315	-	518,042	
Utah	36,446	35,441	18,957	20,020	4,772	113,991	12,500	8,300	7,000	4,800	460	33,050	
Vermont	13,511	7,362	20,178	62,374	1,303	934	1,432	934	1,872	3,668	904	8,810	
Virginia	46,316	68,187	38,900	69,707	5,781	228,891	66,071	38,623	45,604	63,882	9,058	223,238	
Washington	26,177	141,853	42,139	50,804	-	260,973	7,031	14,896	9,062	2,671	-	33,660	
West Virginia	37,245	165,335	43,307	71,708	9,930	327,525	15,215	15,862	11,555	30,361	7,599	80,592	
Wisconsin	36,422	224,813	100,784	53,513	2,324	417,856	4,988	19,759	27,168	10,773	-	62,688	
Wyoming	39,675	27,255	26,851	28,770	10,590	133,141	5,815	7,230	5,277	8,402	880	27,604	
Total <sup>4</sup>	2,901,833	4,454,355	2,802,632	1,959,518	251,327	12,369,665	790,142	915,383	817,564	867,818	236,004	3,626,911	
Percent <sup>4</sup>	23.5	36.0	22.7	15.8	2.0	100.0	21.8	25.2	22.5	23.9	6.5	100.0	

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1993<sup>1</sup>  
 IN SMALL URBAN AREAS (5,000 - 49,999 POPULATION)  
 CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12  
 SHEET 2 OF 4  
 OCTOBER 1994

COMPILED FROM REPORTS  
 OF STATE AUTHORITIES

STATE	CAPITAL OUTLAY					MAINTENANCE					SUBTOTAL <sup>2</sup>	
	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR		
Alabama	1,202	-	23,651	1,593	-	447	-	6,464	5,524	-	-	12,435
Alaska	8,046	-	16,801	11,876	2,880	134	-	457	671	295	-	1,557
Arizona	10,171	-	7,334	1,047	249	-	-	-	-	-	-	-
Arkansas	506	22,010	12,913	12,689	305	126	7,134	3,721	3,900	25	-	14,906
California	1,628	94,123	76	1,710	1,387	2,109	4,178	3,675	291	135	-	10,388
Colorado	15,473	134	11,323	1,710	289	1,004	281	1,747	552	20	-	3,604
Connecticut	247	424	247	512	5,250	26	304	304	284	6,344	-	7,262
Delaware	-	3	44	2,636	1	-	1	-	10	3	-	14
Dist. of Col.	-	-	-	-	-	-	-	-	-	-	-	-
Florida	10,311	-	46,048	33,357	2,791	117	-	2,671	1,430	187	-	4,405
Georgia	4,374	2,037	41,488	6,088	752	949	220	5,591	4,315	3,572	-	14,647
Hawaii	181	1,202	678	5,833	10	144	765	290	68	-	-	1,267
Idaho	42	-	716	168	-	187	-	341	103	-	-	631
Illinois	3,814	-	8,128	14,318	3,104	742	53	4,687	2,697	1,996	-	10,175
Indiana	-	284	68,674	6,884	-	1,051	1,050	8,254	1,434	-	-	11,789
Iowa	-	-	18,730	2,426	-	-	-	1,421	184	-	-	1,605
Kansas	9,382	767	6,545	591	5,536	608	936	4,902	52	7	-	6,505
Kentucky <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	345	8	34,638	4,049	328	-	-	4	-	-	-	4
Maine	7	-	5,177	6,083	504	27	96	700	714	1,009	-	2,546
Maine	459	13,779	9,632	3,280	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	138,514	14,846	21,153	1,009	-	22,585	2,421	3,449	165	18	-	28,620
Michigan	139	-	26,431	4,265	27	282	227	2,680	313	-	-	3,520
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	88	1,381	5,746	3,290	1,027	219	196	1,007	179	26	-	1,627
Missouri	6,943	8,523	16,695	4,655	359	6,794	953	3,985	2,091	376	-	14,199
Montana	4,578	-	9,828	2,407	972	472	-	1,013	248	100	-	1,833
Nebraska	3	802	3,165	6,826	57	17	130	2,470	31	1	-	2,649
Nevada <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	6,445	5,262	209	6,919	303	240	1,085	1,829	1,955	-	5,412
New Hampshire	38	-	-	195	-	-	-	-	-	-	-	-
New Jersey	11,662	-	3,026	8,592	1,417	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
New York	26,202	38,895	36,596	7,943	3,413	180	144	856	678	764	-	2,622
North Carolina	15,163	2,174	50,845	23,594	5,849	466	2,298	2,663	2,080	611	-	8,118
North Dakota	104	2,956	2,956	3,694	1,885	73	-	191	-	-	-	264
North Dakota	341	6,568	9,055	9,471	3,411	446	138	914	881	1,286	-	3,665
Ohio	180	1,350	10,211	3,872	1,299	-	580	3,893	331	249	-	5,053
Oklahoma	237	-	25,623	8,321	64	117	-	12,745	3,813	24	-	16,699
Oregon	4,639	13,784	16,716	12,636	10,945	3,499	27,847	28,950	55,359	671	-	116,326
Pennsylvania	-	1,991	2,045	8,006	1,117	-	166	598	460	125	-	1,349
Rhode Island	-	653	35,108	20,469	4,417	-	-	-	1,460	1,165	-	2,625
South Carolina	23,365	-	3,521	7,076	118	-	-	358	-	51	-	409
South Dakota	3,504	-	9,013	13,421	2,496	-	-	5,402	7,202	-	-	12,604
Tennessee	4,039	3,813	56,333	3,985	489	-	-	26,431	3,204	-	-	29,635
Texas	6,173	1,230	3,180	1,600	1,250	1,000	350	1,300	400	150	-	3,200
Utah	-	151	1,908	1,355	618	67	26	117	169	93	-	472
Vermont	26	7,538	6,942	9,266	7,751	2,579	209	621	85	64	-	3,558
Virginia	11,862	7,054	6,926	9,001	1,66	1,425	1,066	2,819	716	8	-	5,338
Washington	1,909	-	20,272	2,377	737	-	-	532	1,475	494	-	3,926
West Virginia	1,268	91	13,033	13,851	5,242	84	306	2,046	266	-	-	2,702
Wisconsin	2,018	-	7,211	6,480	542	334	-	591	28	38	-	991
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Total <sup>4</sup>	329,183	252,060	720,643	313,006	85,973	49,342	52,315	151,945	105,692	21,862	-	381,156
Percent <sup>4</sup>	19.4	14.8	42.4	18.4	5.1	12.9	13.7	39.9	27.7	5.7	-	100.0

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1993<sup>1</sup>  
 IN URBANIZED AREAS (50,000 OR MORE POPULATION)  
 CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12  
 SHEET 3 OF 4  
 OCTOBER 1994

COMPILED FROM REPORTS  
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	CAPITAL OUTLAY					MAINTENANCE					COLLECTOR	SUBTOTAL <sup>2</sup>
	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR		
Alabama	124,146	253	31,731	19,637	140	6,561	1,757	25,106	11,892	323	45,639	
Alaska	27,413	-	7,822	7,822	6,644	1,235	-	1,074	1,209	269	3,787	
Arizona	37,907	118,768	28,978	2,328	170	-	-	-	-	-	-	
Arkansas	6,117	18,490	8,802	5,316	591	-	-	-	-	-	-	
California	512,200	295,370	286,147	22,585	-	1,261	5,406	2,464	1,449	122	10,702	
Colorado	77,142	32,519	34,690	6,237	499	49,812	46,796	23,223	1,511	-	121,342	
Connecticut	183,288	72,159	62,432	28,850	19,035	6,304	2,921	5,501	1,034	60	15,820	
Delaware	22,297	18,885	34,661	3,563	6,805	3,220	2,543	7,140	8,773	982	22,658	
Dist. of Col.	21,573	-	14,450	10,989	8,612	3,083	74	279	24	34	3,494	
Florida	214,930	124,366	408,480	221,802	4,930	1,848	-	1,232	948	711	4,739	
Georgia	164,757	72,871	102,338	24,351	5,331	5,695	1,784	9,906	9,959	662	31,814	
Hawaii	191,221	22,204	6,274	425	102	1,816	1,245	219	11,343	7,562	36,290	
Idaho	720	-	230	3	-	159	-	292	88	-	539	
Illinois	361,545	29,622	110,718	107,525	17,873	36,071	24,831	38,471	30,269	17,917	147,559	
Indiana	92,677	11,560	37,397	2,453	-	7,938	2,096	12,074	1,309	58	23,475	
Iowa	43,819	-	53,144	1,862	338	3,325	-	4,033	141	26	7,525	
Kansas	33,015	19	10,225	2,682	21,139	14,379	4,847	4,914	372	-	24,512	
Kentucky <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	
Louisiana	94,243	92,846	48,676	16,089	8,574	2,688	3	177	-	174	3,042	
Maine	4,413	12	13,039	3,555	363	336	96	844	1,345	1,695	4,316	
Maryland	78,626	34,945	68,535	21,755	927	6,980	-	-	-	-	6,980	
Massachusetts <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	
Michigan	123,377	5,978	15,946	172	-	21,710	975	2,600	29	-	25,314	
Minnesota	75,182	18,070	82,014	8,816	2,323	5,833	2,411	5,096	3,778	128	17,246	
Mississippi	29,335	-	6,404	2,499	587	551	-	737	83	13	1,384	
Missouri	71,040	32,357	33,426	6,708	3,594	15,545	4,519	916	513	41	21,534	
Montana	128	1	544	151	327	13	-	56	16	34	119	
Nebraska	25,685	3,937	9,934	430	-	452	115	4,793	75	-	5,435	
Nevada <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	
New Hampshire	12,392	29,996	3,473	1,790	900	252	240	605	1,437	2,031	4,565	
New Jersey	498,494	71,933	236,530	26,576	13,151	38,105	69,959	41,252	3,613	56	152,985	
New Mexico	16,188	42	35,427	658	50	-	-	-	-	-	-	
New York	633,514	396,030	425,056	191,047	18,863	6,386	2,511	5,249	7,765	5,874	27,785	
North Carolina	49,121	43,033	66,245	31,137	6,212	2,447	813	5,105	5,220	1,261	14,846	
North Dakota	12,491	-	11,397	10,960	44	171	-	62	2	-	235	
Ohio	220,693	39,049	134,087	65,756	35,968	18,068	507	2,683	3,772	5,622	30,652	
Oklahoma	49,525	6,615	14,811	5,735	835	2,411	66	-	-	-	2,477	
Oregon	20,033	9,738	37,527	13,659	7,358	9,671	4,221	18,912	6,186	3,325	42,315	
Pennsylvania	310,789	108,255	20,706	196,121	29,819	9,141	50,518	75,011	96,484	8,052	239,206	
Rhode Island	24,216	30,828	83,400	29,994	12,355	4,785	752	11,144	2,257	864	19,802	
South Carolina	9,200	67	6,217	9,118	5,849	85	-	272	1,108	-	1,831	
South Dakota	5,192	-	2	1,617	-	648	-	-	1,123	-	1,771	
Tennessee	79,292	-	46,280	10,062	6,276	18,005	-	5,402	9,003	-	32,410	
Texas	295,916	332,491	241,342	35,522	2,525	33,146	34,783	22,144	10,652	-	100,725	
Utah	40,868	781	45,838	13,631	2,450	12,300	400	5,100	3,140	300	21,240	
Vermont	1,240	17,069	2,697	324	5,679	128	16	116	120	86	466	
Virginia	59,987	9,273	104,428	61,293	31,388	31,752	18,699	7,913	4,413	2,073	64,850	
Washington	210,632	79,795	48,713	38,196	2,941	8,824	6,686	8,092	1,251	451	25,304	
West Virginia	17,016	32,766	11,976	10,007	1,343	3,779	219	1,673	1,228	543	7,442	
Wisconsin	25,607	31,557	85,255	25,834	698	1,306	1,519	879	451	-	4,155	
Wyoming	760	-	1,896	377	27	457	-	861	80	133	1,531	
Total <sup>4</sup>	5,209,957	2,244,551	3,187,327	1,307,989	293,635	402,146	295,545	380,559	246,112	61,849	1,386,211	
Percent <sup>4</sup>	42.6	18.3	26.0	10.7	2.4	29.0	21.3	27.5	17.8	4.5	100.0	

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1993<sup>1</sup>  
TOTAL FOR ALL AREAS - CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12  
SHEET 4 OF 4  
OCTOBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	CAPITAL OUTLAY					MAINTENANCE					TOTAL	
	INTERSTATE	OTHER PRINCIPAL ARTERIAL <sup>5</sup>	MINOR ARTERIAL	MAJOR AND MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER PRINCIPAL ARTERIAL <sup>5</sup>	MINOR ARTERIAL	MAJOR AND MINOR COLLECTOR		LOCAL
Alabama	154,832	179,517	85,647	50,236	10,385	470,232	14,420	59,287	37,401	10,316	36,444	157,868
Alaska	86,118	72,329	36,382	36,786	242,000	36,382	5,113	2,659	3,894	5,802	15,932	33,400
Arizona	114,652	217,920	39,942	37,902	480,799	37,902	8,541	-	15,154	19,023	68,839	93,412
Arkansas	32,980	161,746	56,283	59,965	362,332	362,332	96,822	135,159	95,788	13,853	342,460	125,208
California	575,406	976,849	310,891	90,657	2,135,323	310,891	25,375	31,047	30,805	13,149	49,314	15,646
Colorado	173,273	124,437	37,782	5,135	348,122	348,122	4,612	13,830	15,646	358	24,938	29,119
Connecticut	213,835	145,179	36,414	52,236	140,458	140,458	3,083	648	92	23,215	27,954	197,397
Delaware	22,297	141,082	8,040	13,672	205,535	205,535	1,848	1,232	948	711	78,759	179,397
Dist of Col.	21,573	14,450	10,959	8,612	52,500	108,194	1,848	1,232	948	711	23,215	27,954
Florida	319,475	975,532	346,909	20,559	22,494	1,684,969	12,353	67,935	32,474	5,876	84,686	163,517
Georgia	225,246	317,859	123,914	70,677	737,696	737,696	12,754	30,187	35,890	84,686	15,081	15,081
Hawaii	211,849	35,402	36,061	17,250	3,184	303,746	2,660	3,685	5,429	2,233	586	586
Idaho	41,998	42,603	17,956	15,602	6,774	124,933	2,653	7,730	5,429	5,645	21,457	21,457
Illinois	578,202	210,848	588,038	48,982	43,686	1,469,756	58,289	80,427	77,130	37,791	3,345	256,982
Indiana	223,303	146,303	70,701	107,608	1,469,756	635,631	47,608	51,278	31,242	58,576	705	189,409
Iowa	116,095	222,133	65,949	8,462	412,640	412,640	32,518	39,983	10,908	642	58,645	58,645
Kansas	77,026	208,013	43,855	80,005	24,699	433,598	3,746	19,932	10,610	2,870	11	89,575
Kentucky <sup>3</sup>	-	233,725	42,551	138,525	33,165	598,835	3,824	58,374	11,805	1,745	7,551	71,494
Louisiana	27,284	39,853	27,388	22,293	21,647	138,465	18,835	6,746	9,532	40,593	872	76,578
Maine	192,756	163,681	53,044	60,829	1,323	471,633	13,568	2,582	-	84,597	100,747	100,747
Maryland <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts <sup>3</sup>	333,752	201,286	20,340	421	5,695	561,494	58,053	32,823	3,318	69	19,829	94,263
Michigan	90,241	219,916	59,279	8,590	230,101	608,127	11,457	33,903	27,685	4,971	97,845	97,845
Minnesota	62,972	195,233	43,278	61,627	70,466	433,576	4,001	8,226	11,575	14,028	37,830	37,830
Mississippi	138,887	211,386	53,620	95,538	701	500,132	39,168	27,358	25,408	63,738	155,672	155,672
Missouri	38,304	59,194	33,924	37,829	21,098	190,349	4,005	3,980	3,980	3,557	656	18,401
Montana	60,790	103,813	68,602	30,687	8,634	272,526	3,746	19,932	10,610	2,324	96	36,708
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Nevada <sup>3</sup>	51,467	66,659	22,683	27,083	3,660	171,552	4,254	6,944	11,805	35,157	58,160	58,160
New Hampshire	508,892	353,527	70,037	20,701	88,539	1,041,696	42,906	131,909	7,766	592	14,536	197,709
New Jersey	90,980	128,429	61,176	36,165	67	316,817	-	-	-	-	52,572	52,572
New Mexico	968,670	908,538	232,584	56,522	38,910	2,205,223	110,653	12,687	16,178	32,537	115,290	287,345
New York	159,397	313,055	106,984	113,937	127,417	820,790	11,652	22,813	16,888	67,312	265,563	384,228
North Carolina	31,913	39,318	18,917	25,429	7,509	123,086	3,523	6,115	15,100	4,273	1,030	30,041
North Dakota	308,252	272,424	106,566	120,619	14,369	822,230	45,838	24,286	44,069	232,709	52,081	398,983
Ohio	63,297	67,268	48,507	43,916	110,493	333,481	5,589	14,396	24,353	40,766	85,064	85,064
Oklahoma	57,217	146,200	62,046	12,123	39,557	317,143	28,352	72,797	30,150	5,418	136,717	136,717
Oregon	610,832	287,204	306,949	79,962	200	1,285,147	56,581	207,010	175,377	85,076	524,044	524,044
Pennsylvania	28,950	121,499	44,888	23,662	2,564	221,563	6,896	13,621	3,831	3,594	27,882	27,882
Rhode Island	57,895	102,863	102,435	74,689	69,094	406,976	85	272	2,934	17,040	127,178	127,178
South Carolina	30,944	69,381	39,708	14,968	34,050	189,051	5,736	9,747	12,284	4,081	31,863	31,863
South Dakota	116,711	173,004	159,771	98,013	21,779	569,278	45,013	54,016	81,018	-	180,647	180,647
Tennessee	456,383	971,452	217,076	294,362	39,539	1,978,812	195,686	248,613	100,788	103,315	11,392	659,794
Texas	83,487	86,470	34,188	26,847	2	230,994	25,800	15,450	10,540	5,710	57,500	57,500
Utah	14,751	29,187	21,857	27,620	16,447	109,862	1,627	1,209	4,751	-	9,748	9,748
Vermont	106,329	196,368	109,459	114,627	98,983	625,766	100,402	66,065	50,102	75,077	429,187	429,187
Virginia	248,671	284,341	59,336	53,911	41,511	1,029,299	16,584	33,559	11,029	3,130	64,302	64,302
Washington	56,170	230,349	55,691	83,718	41,511	467,439	20,419	18,286	14,258	38,997	145,015	145,015
West Virginia	63,297	354,749	140,469	61,777	29,709	650,001	6,378	24,081	28,313	9,453	73,606	73,606
Wisconsin	42,453	36,362	33,708	39,929	6,334	158,786	6,606	8,682	5,385	-	30,126	30,126
Wyoming	8,440,973	10,858,936	4,423,627	2,590,453	1,919,882	28,233,871	1,241,630	1,795,747	1,169,368	1,187,533	1,205,998	6,600,276
Total <sup>4</sup>	29.9	38.5	15.7	9.2	6.8	100.0	18.8	27.2	17.7	18.0	18.3	100.0

<sup>1</sup> Table SF-12 shows capital and maintenance expenditures by functional system and area.  
<sup>2</sup> Area subtotals do not include expenditures on roads functionally classified as local.  
<sup>3</sup> State did not provide functional system data.

<sup>4</sup> The totals and percentages include only the 48 States shown.  
<sup>5</sup> Includes Other Freeways and Expressways.











STATE OBLIGATIONS FOR HIGHWAYS - 1993  
OBLIGATIONS ISSUED OR ASSUMED DURING YEAR<sup>1</sup>

TABLE SB-1  
SHEET 1 OF 3  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATION	DATED	PAR VALUE <sup>2</sup>			ACCRUED INTEREST <sup>3</sup>	GROSS PROCEEDS	POSTED INTEREST RATE <sup>4</sup>	SOURCE OF FUNDS FOR DEBT SERVICE <sup>5</sup>
			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL PAR VALUE				
Alabama	Industrial Access & Bridge Authority Bonds Series 1993 Industrial Access & Bridge Authority Bonds Series 1993A TOTAL	9-01-92	15,000	-	15,000	-	15,000	2.75-4.1	General Revenue* General Revenue*
		3-01-93	14,705	-	14,705	-	14,705	2.7-4.6	
Arizona	Transportation Excise Tax Revenue Bonds, Series 1992A Transportation Excise Tax Revenue Bonds, Series 1992B Highway Revenue Refunding Bonds, Series 1993 TOTAL	10-01-92	2,150	190,675	192,825	(1,784)	192,166	6.61	Motor Vehicle Sales Tax Motor Vehicle Sales Tax Highway-User Revenue
		10-01-92	30,695	-	30,695	(177)	30,518	5.99	
		5-1-93	1,568	181,472	183,040	(2,072)	181,972	6.81	
Connecticut	Transportation Infrastructure Bonds - Series 1992B Transportation Infrastructure Bonds - Series 1993A (Refunding) TOTAL	9-01-92	275,000	-	275,000	(4,661)	270,339	3.0 - 6.15	Highway-User Revenue Highway-User Revenue
		3-01-93	-	560,750	560,750	(8,767)	553,173	2.65 - 5.40	
Delaware	Senior Revenue Bonds - 1992 Series Senior Revenue Bonds - 1992 Series Senior Revenue Bonds - 1993 Series Senior Revenue Bonds - 1993 Series TOTAL	8-1-92	-	89,760	89,760	(1,452)	88,311	5.8	Tolls; Motor-Vehicle Fees Tolls; Motor-Vehicle Fees Tolls; Motor-Vehicle Fees Tolls; Motor-Vehicle Fees
		8-1-92	52,396	2,819	55,215	-	55,215	5.8	
		3-1-93	-	69,410	69,410	(1,549)	67,861	5.43	
		3-1-93	1,215	32,390	33,605	-	33,605	5.43	
Dist. of Col.	General Revenue Bonds - Series 1993E	6-1-93	35,838	-	35,838	-	35,950	3.5 - 6.0	General Revenue*
		4-01-89	1,693	-	1,693	(1,693)	-	7.38	
Florida	Turnpike Revenue Bonds Series 1989 <sup>6</sup> Mid Bay Bridge Revenue Bonds Series 1991A Mid Bay Bridge Revenue Bonds Series 1991B Jefferson County Road Bonds Series 1992 Lafayette County Road Bonds Series 1992 Jacksonville Transportation Authority Senior Lien Refunding Bonds Series 1992A Florida Turnpike Revenue Bonds Series 1992A Florida Turnpike Revenue Refunding Bonds Series 1993A Orlando-Orange Co. Expressway Auth. Senior Lien Refunding Bonds Series 1993 Orlando-Orange Co. Expressway Auth. Junior Lien Refunding Bonds Series 1993 TOTAL	4-01-91	56,640	-	56,640	-	56,640	6.875 - 8.0	Tolls Tolls Tolls Motor-Fuel Tax* Motor-Fuel Tax* Motor-Fuel Tax* Sales Tax, Motor-Fuel Tax* Tolls Tolls Tolls Tolls
		4-01-91	25,100	-	25,100	-	25,100	8.5	
		9-01-92	3,600	-	3,600	-	3,600	2.6 - 6.0	
		9-01-92	650	-	650	-	651	2.9 - 5.0	
		3-01-93	193,300	51,046	244,346	(669)	243,677	5.0 - 6.35	
		7-01-92	193,300	51,046	244,346	(669)	243,677	5.0 - 6.35	
		4-15-93	522,060	-	522,060	(5,033)	517,027	3.0 - 5.5	
		6-01-93	493,575	-	493,575	(14,524)	479,051	4.3 - 5.5	
		6-01-93	70,840	-	70,840	-	70,840	5.95	
		6-01-93	281,652	1,137,521	1,419,173	(48,331)	1,370,842	7.38	
		6-01-93	15,000	-	15,000	5	15,005	5.8 - 6.3	
7-1-93	50,000	-	50,000	1	50,001	5.5 - 6.75			
12-1-93	75,000	-	75,000	33	75,033	5.5 - 7.4			
Georgia	Public Road and Bridges Bonds - Series 1993A Public Road and Bridges Bonds - Series 1993C Public Road and Bridges Bonds - Series 1993F TOTAL	1-1-93	15,000	-	15,000	5	15,005	5.8 - 6.3	General Revenue* General Revenue* General Revenue*
		7-1-93	50,000	-	50,000	1	50,001	5.5 - 6.75	
Hawaii	General Obligation Refunding Bonds - Series CB General Obligation Refunding Bonds - Series CC TOTAL	1-01-93	-	10,515	10,515	-	10,515	3.85 - 5.25	General Revenue* General Revenue*
		2-01-93	-	40,465	40,465	(4,531)	35,934	3.85 - 7.75	
Illinois	Transportation Bond Series A - 1993 Transportation Bond Series A - 1993 Transportation Bond Series A - 1993 Transportation Refunding Bond - 1992 Toll Highway Authority 1993 Series A Refunding Bonds Toll Highway Authority 1993 Series B Refunding Bonds TOTAL	4-1-93	110,000	-	110,000	(1,012)	108,988	4.5-5.7	Highway-User Revenue Highway-User Revenue Highway-User Revenue Highway-User Revenue Not Reported Highway-User Revenue Tolls
		8-1-93	25,600	-	25,600	(256)	25,344	4.4-5.5	
		10-1-93	60,000	-	60,000	(836)	59,164	3.25-5.35	
		10-1-92	-	15,513	15,513	-	15,513	3.75-6.2	
		6-93	-	72,364	72,364	(615)	71,749	Not Reported	
		3-1-93	12,921	165,279	178,200	-	209,145	2.5-5.0	
Indiana	Transportation Bond Series 1993A	3-1-93	208,521	462,301	670,822	(2,719)	668,103	4.92	Motor Fuel Tax
		3-1-93	71,196	122,335	193,531	(7,345)	187,405	4.2-6.8	
Kansas	Department of Transportation Highway Revenue Bonds Series 1993 Department of Transportation Highway Revenue Refunding Bonds Series 1993A Turnpike Revenue Bonds Series 1993 TOTAL	5-1-93	250,000	-	250,000	(1,900)	249,000	5.0-6.65	Highway-User Revenue* Highway-User Revenue* Tolls
		5-15-93	1,320	146,085	147,405	(3,871)	143,774	4.3-6.0	
		8-10-93	22,279	83,586	105,865	(3,965)	102,284	2.7-5.4	
TOTAL	TOTAL		273,599	229,671	503,270	(9,736)	493,534		

TABLE SB-1  
SHEET 2 OF 3  
OCTOBER 1994

STATE OBLIGATIONS FOR HIGHWAYS - 1993  
OBLIGATIONS ISSUED OR ASSUMED DURING YEAR<sup>1</sup>

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATION	DATED	PAR VALUE <sup>2</sup>			ACCRUED INTEREST <sup>3</sup>	GROSS PROCEEDS	POSTED INTEREST RATE <sup>4</sup>	SOURCE OF FUNDS FOR DEBT SERVICE <sup>5</sup>
			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL PAR VALUE				
Kentucky	Economic Dev. Road Rev. Refunding Bonds (Revitalization Projects) Series 1992 Economic Dev. Road Rev. Refunding Bonds (Revitalization Projects) Series 1992 7 Economic Dev. Road Rev. Refunding Bonds (Revitalization Projects) Series 1993 Economic Dev. Road Rev. Refunding Bonds (Revitalization Projects) Series 1993 Economic Dev. Road Cap Residual Tax-Exempt Securities Series 1993 Economic Dev. Rd Floating Auction and Residual Tax-Exempt Securities Series 1993 Taxable Toll Road Revenue Refunding Bonds Series 1993 A TOTAL	10-92	-	201,070	201,070	-	199,922	3.7 - 5.8	Motor Fuel Tax
		10-92	-	110,000	110,000	-	49,424	5.9 - 6.6	Motor Fuel Tax
		4-93	200,870	249,900	450,770	(3,257)	447,513	3.5-5.5	Motor Fuel Tax
		4-93	74,770	-	74,770	-	74,770	5.5	Motor Fuel Tax
		4-93	15,000	-	15,000	-	15,000	Variable	Motor Fuel Tax
		4-93	30,000	80,840	94,370	-	94,370	3.5 - 5.25	Motor Fuel Tax
		6-93	13,530	641,810	975,980	(64,981)	910,999		Tolls
Louisiana	General Obligation Bonds - Series 1993A (Refunding) General Obligation Bonds - Series 1993B Expressway Refunding Revenue Bonds - 1992 Series TOTAL	2-01-93	12,655	8,186	8,186	-	8,186	2.5 - 7.75	General Revenue*
		2-01-93	-	64,010	64,010	(2,226)	61,784	2.5 - 7.0	General Revenue*
		12 - 92	12,655	72,196	84,851	(2,226)	82,625	4.3 - 6.2	Tolls
Maine	Highway and Bridge Road Bonds - Series 1993	5-01-93	6,000	-	6,000	-	6,000	3.6 - 7.35	Highway-User Revenue*
Maryland	Transportation Authority - 1992 Revenue Bonds Consolidated Transportation Bond - Series 1992 TOTAL	8-15-92	6,669	229,831	236,500	(77,137)	159,363	4.375-6.35	Tolls
		7-15-92	75,000	229,831	311,500	(642)	74,519	4.25-5.6	Fuel, Tinting & Income Taxes
Massachusetts	Highway Improvement Loan Act of 1972 Highway Improvement Loan Act of 1975 Highway Improvement Loan Act of 1981 Highway Improvement Loan Act of 1983 Highway Improvement Loan Act of 1988 Highway Maintenance and Bridge Painting Loan Act of 1988 Town and County Ways Improvement Act of 1988 Highway Improvement Loan Act of 1991 Public Safety Program Loan Act of 1991 Turnpike Revenue Bonds - 1993 Series A TOTAL	5-93, 10-93	87	-	87	-	87	3.8 - 4.875	Highway-User Revenue*
		5-93, 10-93	1	-	1	-	1	4.15 - 4.875	Highway-User Revenue*
		5-93, 10-93	300	-	300	-	300	4.8 - 4.875	Highway-User Revenue*
		5-93, 10-93	1,162	-	1,162	-	1,162	4.75 - 5.0	Highway-User Revenue*
		10-1-93	10,389	-	10,389	-	10,389	4.15 - 4.6	Highway-User Revenue*
		5-93, 10-93	1,504	-	1,504	-	1,504	4.0 - 4.4	Highway-User Revenue*
		5-93, 10-93	3,135	-	3,135	-	3,135	4.75 - 5.4	Highway-User Revenue*
		5-93, 10-93	88,696	-	88,696	(4,433)	84,263	4.0 - 5.5	Highway-User Revenue*
		5-93, 10-93	2,545	-	2,545	-	2,545	3.75 - 4.15	Highway-User Revenue*
		3-1-93	341,985	23,570	365,555	-	365,555	3.75 - 4.15	Tolls
Minnesota	State Transportation Bonds, Laws of 1987 State Transportation Bonds, Laws of 1989 State Transportation Bonds, Laws of 1990 State Transportation Bonds, Laws of 1992 State Transportation Bonds, Laws of 1993 State Trunk Highway Refunding Bonds State Trunk Highway Refunding Bonds TOTAL	8-1-93	600	-	600	-	601	4.9 - 5.4	General Revenue*
		8-1-93	350	-	350	-	351	4.9 - 5.4	General Revenue*
		8-1-93	1,253	-	1,253	-	1,253	4.9 - 5.4	General Revenue*
		8-1-93	2,100	-	2,100	-	2,105	4.9 - 5.4	General Revenue*
		8-1-93	90	-	90	-	90	4.9 - 5.4	General Revenue*
		5-1-93	6,830	6,830	6,830	-	6,833	4.8 - 5.1	Highway-User Revenue
		8-1-93	3,415	3,415	3,415	-	3,423	4.7	Highway-User Revenue
Montana	Highway Revenue Refunding Bonds - Series 1993 TOTAL	2-15-93	4,390	10,245	14,635	-	14,656		
			-	112,040	112,040	-	112,040	2.5 - 5.2	Motor-Fuel Tax
New Hampshire	General Obligation Refunding Series 1993 Capital Improvement Bond-College Savers Series 1993 Capital Improvement Bond Series 1993 Turnpike G.O. Refunding Series E-160 Turnpike G.O. Refunding Series C-160 TOTAL	04-15-93	-	2,498	2,498	-	2,507	3.6 - 5.4	Fuel Tax*
		6-03-93	5,464	-	5,464	-	5,464	4.6 - 5.95	Fuel Tax*
		12-01-93	183	-	183	-	183	4.0 - 5.0	Fuel Tax*
		4-15-93	-	6,371	6,371	-	6,396	3.0 - 5.25	Tolls*
		4-15-93	-	360	360	-	361	3.0 - 5.25	Tolls*
New Jersey	South Jersey Transportation System Revenue Bonds - 1992 Series A South Jersey Transportation System Revenue Bonds - 1992 Series B Transportation System Bonds-1993 Series A Garden State Senior Parkway Revenue Refunding Bonds-1993 Series TOTAL	12-17-92	-	16,385	16,385	-	16,385	6.6-7.3	Tolls
		12-17-92	23,666	20,434	44,100	-	44,100	5.5-6.0	Tolls
		4-21-93	500,000	-	500,000	(4,469)	495,531	3.5-4.75	Tolls
		6-24-93	842	116,243	117,085	(176)	116,909	5.75 - 7.3	Tolls

STATE OBLIGATIONS FOR HIGHWAYS - 1993  
OBLIGATIONS ISSUED OR ASSUMED DURING YEAR<sup>1</sup>

TABLE SB-1  
SHEET 3 OF 3  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATION	DATED	PAR VALUE <sup>2</sup>			ACCRUED INTEREST <sup>3</sup>	GROSS PROCEEDS	POSTED INTEREST RATE <sup>4</sup>	SOURCE OF FUNDS FOR DEBT SERVICE <sup>5</sup>
			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL PAR VALUE				
New York	Rebuild NY Through Transportation Infrastructure Renewal Bonds - 1993	3-15-93	6,000	-	6,000	-	6,000	5.3 - 4.5	General Revenue*
	Rebuild NY Through Transportation Infrastructure Renewal Bonds - 1993	6-15-93	6,000	-	6,000	-	6,000	5.625 - 4.7	General Revenue*
	Accelerated Capacity & Transportation Improvement in the 90'S Bonds - 1993	3-15-93	170,300	-	170,300	-	170,300	6.0 - 6.875	General Revenue*
	Emergency Highway Reconstruction & Reconstruction Series 1993A	3-25-93	71,625	-	71,625	210	115,000	5.625 - 6.25	General Revenue*
	Emergency Highway Reconditioning & Preservation Series 1993A	3-25-93	77,130	-	77,130	226	77,356	4.0 - 6.0	Motor-Fuel Tax*
	Local Highway & Bridge System Contract Bonds Series 1993	10-05-93	192,645	-	192,645	534	193,179	3.0 - 6.0	Motor-Fuel Tax*
	Niagara Falls Toll Bridge System Revenue Bonds - Series 1993	10-12-93	202,345	-	202,345	-	131,584	4.25 - 6.375	General Revenue*
	New York State Thruway Authority General Revenue Bonds - Series 1992B	12-93	841,045	-	841,045	-	195,458	Not Reported	Tolls
	TOTAL		100,000	133,035	974,080	970	966,712	2.6 - 5.5	Tolls
	Ohio	Highway Obligation Bonds - Series S	6-15-93	100,000	-	100,000	208	100,213	3.75-6.75
Pennsylvania	General Obligation Bonds (Highway), 1st Series T - 1993	4-15-93	14,000	-	14,000	30	14,808	3.8	General Revenue*
	General Obligation Bonds (Bridge), 1st Series A - 1993	6-15-93	15,000	-	15,000	833	15,865	3.8	General Revenue*
	General Obligation Bonds (Bridge), 2nd Series A - 1993	6-15-93	24,000	-	24,000	7	23,671	4.8	General Revenue*
	General Obligation Bonds (Highway Refunding), 1st Series A - 1993	4-15-93	20,563	53,120	53,120	127	56,198	3.8	General Revenue*
	Turmpike Revenue Refunding Bonds - 1992 Series O & P	9-3-92	73,563	603,272	676,835	-	561,127	4.9 - 7.625	Tolls
	TOTAL		25	-	25	-	25	5.0 - 8.0	Motor-Fuel Tax*
	General Obligation Bonds - Series 1985 G	11-1-93	135	-	135	-	135	5.0 - 8.0	Motor-Fuel Tax*
Rhode Island	General Obligation Bonds - Series 1986 G	11-1-93	1,085	-	1,085	-	1,085	5.0 - 8.0	Motor-Fuel Tax*
	General Obligation Bonds - Series 1988 D	11-1-93	30,300	-	30,300	-	30,300	5.0 - 8.0	Motor-Fuel Tax*
	General Obligation Bonds - Series 1990 C	11-1-93	25,403	-	25,403	-	25,403	4.25 - 7.25	Motor-Fuel Tax*
	General Obligation Refunding Bonds - Series 1993 A	06-15-93	31,545	25,403	56,948	-	56,948	3.25-5.125	Tolls
	TOTAL		3,999	140,135	140,135	896	137,423	3.0-5.0	Highway-User Revenue*
	Dallas North Tollway Revenue Refunding Bonds, Series 1993	9-15-93	-	-	-	-	3,993	3.7-6.6	Highway-User Revenue*
	General Obligation Bond Series XXXIII	10-15-94	3,999	5,690	9,689	-	5,690	-	-
Texas	General Obligation Bond Series XXXIV	9-15-93	3,999	5,690	9,689	-	5,690	-	-
	General Obligation Bond Series XXXV	10-15-94	3,999	5,690	9,689	-	5,690	-	-
	TOTAL		716	74,165	74,881	261	73,935	4.1 - 5.25	Tolls
	Powhite Pkwy. Extension Toll Road Transp. Facilities Refunding Bonds Series 1993A	5-1-93	98,715	90,739	91,455	495	89,131	2.4 - 6.9	Highway-User Revenue
	Transportation Revenue Refunding Bonds Series 1993A	5-15-93	88,467	-	88,467	334	85,931	2.4 - 6.9	Highway-User Revenue
	Transportation Revenue Bonds Series 1993C	8-15-93	187,988	164,904	352,892	1,399	345,716	2.65-5.375	Highway-User Revenue
	TOTAL		4,000	-	4,000	10	3,914	2.6 - 5.5	Motor-Fuel Tax*
Virginia	Motor Vehicle Fuel Tax Bonds, Series CC-9	5-01-93	11,000	-	11,000	(265)	10,762	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Bonds, Series DD-12	5-01-93	159	68,746	68,905	159	68,473	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (Highways), Series R-93C	5-01-93	37	16,348	16,385	(127)	16,295	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (UAB), Series R-93C	5-01-93	40	18,745	18,785	(108)	18,717	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (Feries), Series R-93C	5-01-93	60	31,150	31,210	(80)	31,190	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (Highways), Series R-93C-1	5-01-93	8	4,012	4,020	(14)	4,014	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (UAB), Series R-93C-1	5-01-93	5	2,675	2,680	(7)	2,678	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (Feries), Series R-93D	7-01-93	6	4,354	4,360	(38)	4,328	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (Highways), Series R-93D	8-01-93	5	47,015	47,020	(104)	46,921	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (UAB), Series R-94B	8-01-93	5	47,895	47,900	(106)	47,799	2.6 - 5.5	Motor-Fuel Tax*
	Motor Vehicle Fuel Tax Refunding Bond (Feries), Series R-94B	8-01-93	1	4,484	4,485	(9)	4,477	2.6 - 5.5	Motor-Fuel Tax*
	TOTAL		15,326	245,424	260,750	363	259,568	Variable	Tolls
	Series 1993 Turnpike Revenue Refunding Bonds	3-11-93	3,953	127,506	131,459	(2,877)	128,582	3.0 - 7.75	Highway-User Revenue
	State Bond Board, Series 1993, 1 Through 4 (Refunding)	1-93 to 12-93	1,850	11,011	11,011	31	11,103	2.5 - 5.0	Motor-Vehicle Registrations
Transportation Revenue Bonds 1993 Series A (Refunding)	9-1-93	1,850	114,600	116,450	(993)	115,862	-	-	
TOTAL		4,081,547	5,953,047	10,034,694	(278,417)	9,769,816	-	-	

<sup>1</sup> This table is one of a series giving available information concerning State and quasi-State obligations incurred for highway purposes. Table SB-2 contains data on changes in indebtedness. Table SB-3 contains receipts and disbursements for debt service. Tables SB-21 and SB-31 are subsets of Tables SB-2 and SB-3, showing data for individual State toll facilities. Tables SB-2 and SB-3 are also subsets of Tables SB-2 and SB-3, showing data for State obligations for local roads. When bonds were issued for multiple purposes, their par value is assigned to State highways, local roads and streets, and nonhighway purposes on the basis of the initial distribution of net bond proceeds. The nonhighway portion is excluded from these tables. Also omitted are obligations with terms of less than 2 years; however, interest payments for short-term obligations are included in Table SB-3.

<sup>2</sup> A portion of proceeds from refunding bonds may be expended for current debt service. That portion is included with original issues.

<sup>3</sup> Payment by bond purchaser for interest accrued from date of issue to date of sale.

<sup>4</sup> "Posted rate" is declared rate printed on bonds.

<sup>5</sup> 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, the amount shown represents the difference between actual par value and the net value of the capital appreciation bond sold in 1989. The net value was included in the 1989 SB-1.

<sup>7</sup> Par value of issue not given. Estimated by FHWA.

STATE OBLIGATIONS FOR HIGHWAYS - 1993  
CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>

TABLE SB-2  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

STATE	OBLIGATIONS ISSUED <sup>2</sup>				OBLIGATIONS RETIRED			TOTAL	OBLIGATIONS OUTSTANDING END OF YEAR	BALANCE IN SINKING FUND OR DEBT RESERVE AT END OF YEAR <sup>3</sup>
	OUTSTANDING BEGINNING OF YEAR	ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	BY CURRENT REVENUES OR SINKING FUNDS	BY REFUNDING	TOTAL			
Alabama	68,602	29,705	-	29,705	12,805	-	12,805	85,502	-	
Alaska	28,079	-	-	-	6,856	-	6,856	21,223	-	
Arizona	1,506,538	34,413	372,147	406,560	34,926	370,046	404,972	1,508,126	24,808	
Arkansas	-	-	-	-	-	-	-	-	-	
California	76,880	-	-	-	4,435	-	4,435	72,445	8,443	
Colorado	2,320,331	275,000	560,750	835,750	90,065	550,450	640,515	2,515,566	-	
Connecticut	582,525	53,611	194,379	247,990	5,522	184,623	190,145	640,370	58,347	
Delaware	-	-	-	-	-	-	-	-	-	
Dist. Of Col.	246,752	35,838	-	35,838	122,068	-	122,068	160,522	-	
Florida	2,471,130	281,652	1,137,521	1,419,173	135,385	1,052,325	1,187,710	2,702,593	257,167	
Georgia	731,333	140,000	-	140,000	114,830	-	114,830	756,503	106,992	
Hawaii	176,262	-	50,980	50,980	15,241	40,455	55,696	171,546	-	
Idaho	-	-	-	-	-	-	-	-	-	
Illinois	2,321,937	208,521	462,301	670,822	158,876	423,283	582,159	2,410,600	228,388	
Indiana	560,968	71,196	122,335	193,531	15,235	100,975	116,210	638,289	30,190	
Iowa	-	-	-	-	-	-	-	-	-	
Kansas	532,550	273,599	229,671	503,270	2,410	209,625	212,035	823,785	7,993	
Kentucky	1,314,838	334,170	641,810	975,980	40,130	562,110	602,240	1,688,578	179,823	
Louisiana	1,312,154	12,655	72,196	84,851	38,545	63,676	102,221	1,294,784	14,088	
Maine	148,180	6,000	-	6,000	12,515	-	12,515	141,665	2,762	
Maryland	428,000	81,669	229,831	311,500	18,860	132,220	151,080	588,420	64,595	
Massachusetts	1,930,662	449,806	23,570	473,376	508,863	23,210	532,073	1,871,965	114,762	
Michigan	614,257	-	-	-	8,760	-	8,760	605,497	528	
Minnesota	103,049	4,390	10,245	14,635	26,063	10,245	36,308	81,376	16,568	
Mississippi	153,346	-	-	-	30,984	-	30,984	122,362	108,625	
Missouri	-	-	-	-	-	-	-	-	-	
Montana	150,000	-	112,040	112,040	-	112,040	112,040	150,000	-	
Nebraska	-	-	-	-	-	-	-	-	-	
Nevada	61,100	-	-	-	16,220	-	16,220	44,880	776	
New Hampshire	325,716	5,648	9,229	14,877	14,072	8,938	23,010	317,583	21,002	
New Jersey	4,612,924	524,508	153,062	677,570	370,490	141,724	512,214	4,778,280	315,745	
New Mexico	-	-	-	-	-	-	-	-	-	
New York	3,377,600	862,195	111,885	974,080	291,151	111,885	403,036	3,948,644	195,336	
North Carolina	118,695	-	-	-	31,640	-	31,640	87,055	-	
North Dakota	-	-	-	-	-	-	-	-	-	
Ohio	404,645	100,000	-	100,000	74,065	-	74,065	430,580	122,268	
Oklahoma	691,084	-	-	-	-	-	-	691,084	100,150	
Oregon	70,630	-	-	-	9,680	-	9,680	60,950	442	
Pennsylvania	2,722,812	73,563	603,272	676,835	235,643	570,960	806,603	2,593,044	87,294	
Rhode Island	264,615	31,545	25,403	56,948	19,840	26,476	46,316	275,247	3,550	
South Carolina	-	-	-	-	-	-	-	-	-	
South Dakota	-	-	-	-	-	-	-	-	-	
Tennessee	16,660	-	-	-	4,950	-	4,950	11,710	-	
Texas	561,940	-	140,135	140,135	3,045	121,975	125,020	577,055	48,117	
Utah	-	-	-	-	-	-	-	-	-	
Vermont	33,593	3,999	5,690	9,689	7,717	5,274	12,991	30,291	1,628	
Virginia	606,428	187,988	164,904	352,892	13,805	147,490	161,295	798,025	-	
Washington	820,975	15,325	245,425	260,750	89,006	229,930	318,936	762,789	24,313	
West Virginia	439,190	3,953	127,506	131,459	44,780	111,245	156,025	414,624	13,973	
Wisconsin	548,551	1,850	125,611	127,461	22,506	119,109	141,615	534,397	27,009	
Wyoming	-	-	-	-	-	-	-	-	-	
Total	33,455,531	4,102,799	5,931,898	10,034,697	2,651,984	5,430,289	8,082,273	35,407,955	2,185,682	

<sup>1</sup> Table summarizes State indebtedness from all State bond issues, including the toll facility issues shown in table SB-2I and the State issues for local roads shown in Table SB-2L. See Table SB-1 for general note on SB table series.

<sup>2</sup> See Table SB-1 for additional information on specific bond issues.

<sup>3</sup> Amounts in this column include all funds available for future principal and interest payments.

STATE OBLIGATIONS FOR HIGHWAYS - 1993  
RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE<sup>1</sup>

TABLE SB-3  
OCTOBER 1994

STATE	RECEIPTS APPLICABLE TO DEBT SERVICE <sup>2</sup>										DISBURSEMENTS					BALANCE IN SINKING FUND OR DEBT RESERVE BEGINNING OF YEAR 2	TOTAL DISBURSEMENTS	BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR
	HIGHWAY-USER REVENUES	TOLLS	NET EARNINGS FROM INVESTMENTS	MISCELLANEOUS INCOME 3	PROCEEDS OF SALE OF BONDS	TOTAL RECEIPTS	INTEREST	ADMINISTRATION, PAYING AGENT FEES, ETC.	TOTAL INTEREST AND ADMINISTRATION	PAR VALUE	PREMIUM OR DISCOUNT	TOTAL	PAR VALUE	PREMIUM OR DISCOUNT	TOTAL			
Alabama	16,665	-	-	-	-	16,665	3,723	137	3,860	12,805	-	12,805	-	-	12,805	16,665	-	
Alaska	6,671	-	-	1,643	-	8,314	1,457	-	8,314	6,856	-	6,856	-	-	6,856	8,314	-	
Arizona	174,826	-	-	4,864	373,386	553,076	97,087	49,658	146,745	404,972	1	404,972	-	-	404,972	551,717	24,808	
Arkansas	-	12,900	313	-	-	13,213	5,295	34	5,329	4,435	33	4,468	-	-	4,468	9,797	8,443	
California	261,231	-	-	-	553,173	814,404	165,264	151	165,415	640,515	8,474	648,989	-	-	648,989	814,404	-	
Colorado	40,653	5,515	4,113	12	194,379	244,672	37,788	2,026	39,814	190,145	9,756	199,901	-	-	199,901	239,715	58,347	
Delaware	79,012	160,780	36,990	56,363	1,096,590	1,354,877	13,419	-	13,419	1,220,668	-	1,220,668	-	-	1,220,668	1,354,877	-	
Dist. Of Col.	8,877	-	-	51,663	-	1,354,900	181,348	20,190	201,538	1,187,710	88,551	1,276,261	-	-	1,276,261	1,477,799	257,167	
Florida	160,441	-	-	1,821	38	162,300	41,306	38	41,344	114,830	-	114,830	-	-	114,830	156,174	106,992	
Georgia	27,177	-	-	-	46,449	73,626	11,758	-	11,758	55,696	6,172	61,868	-	-	61,868	73,626	-	
Hawaii	212,157	59,665	6,115	-	474,607	752,544	114,189	-	114,189	582,159	8,698	590,857	-	-	590,857	705,046	228,888	
Illinois	20,238	22,715	1,355	-	126,348	170,656	38,493	2,638	41,131	116,210	16,450	132,660	-	-	132,660	173,791	30,190	
Indiana	21,059	14,100	6,703	-	228,816	270,678	37,859	7,004	44,863	212,035	12,834	224,869	-	-	224,869	269,732	7,993	
Kansas	291,623	10,305	13,727	-	575,640	891,295	73,513	13,171	86,684	602,240	65,540	667,780	-	-	667,780	754,464	179,823	
Kentucky	110,660	5,101	624	-	69,970	186,355	81,580	15	81,595	102,221	6,293	108,514	-	-	108,514	190,109	14,088	
Louisiana	20,068	1,807	237	-	22,112	22,112	9,619	-	9,619	12,515	-	12,515	-	-	12,515	22,134	2,762	
Maine	19,820	22,817	3,606	-	152,694	198,937	28,584	2,210	30,794	151,080	20,474	171,554	-	-	171,554	202,348	64,595	
Maryland	188,369	34,602	1,733	382,783	120,251	727,738	118,842	1,061	119,903	532,073	(5,013)	527,060	-	-	527,060	646,963	114,762	
Massachusetts	33,361	514	14	21	-	33,910	23,666	12	8,760	36,308	-	36,308	-	-	36,308	33,856	528	
Michigan	27,053	-	452	7,450	10,266	35,221	4,780	-	4,780	30,984	-	30,984	-	-	30,984	41,822	16,568	
Minnesota	27,109	-	5,162	-	-	32,271	10,752	86	10,838	112,040	-	112,040	-	-	112,040	135,202	108,625	
Mississippi	23,162	-	-	-	112,040	135,202	12,066	-	12,116	16,220	-	16,220	-	-	16,220	19,462	776	
Montana	19,220	-	-	127	-	19,347	3,242	-	3,242	23,010	-	23,010	-	-	23,010	43,007	21,002	
Nebraska	8,953	23,782	640	-	9,217	42,592	19,792	132	19,924	512,214	73	512,214	-	-	512,214	779,804	315,745	
Nevada	359,762	265,405	21,963	-	153,728	800,858	249,430	4,373	253,803	403,036	115,428	518,464	-	-	518,464	739,623	195,336	
New Hampshire	455,915	77,082	2,895	134,306	119,745	789,943	218,547	2,612	221,159	31,640	-	31,640	-	-	31,640	38,018	-	
New Jersey	38,018	-	-	-	-	38,018	6,378	-	6,378	74,065	-	74,065	-	-	74,065	97,647	122,268	
New Mexico	88,062	-	8,540	-	213	96,815	23,380	202	23,582	9,680	-	9,680	-	-	9,680	46,283	100,150	
Ohio	123,100	13,446	8,540	-	-	20,083	46,262	21	46,283	806,603	36,340	842,943	-	-	842,943	1,007,139	442	
Oklahoma	126,350	841	6,637	-	-	4,519	3,204	87	3,291	46,316	(4,430)	41,886	-	-	41,886	56,016	3,550	
Oregon	8,894	81	13	-	-	8,988	154,273	9,923	164,196	-	-	-	-	-	-	-	-	
Pennsylvania	112,539	289,132	4,459	139	617,394	981,894	14,130	-	14,130	4,950	-	4,950	-	-	4,950	5,599	-	
Rhode Island	3,047	27,957	166	-	25,403	56,519	-	-	-	125,020	15,471	140,491	-	-	140,491	174,382	48,117	
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tennessee	52,004	30,720	2,352	-	137,423	170,495	31,722	2,169	33,891	12,991	-	13,907	-	-	13,907	15,957	1,628	
Texas	490	11,405	6,208	-	5,690	17,095	2,050	-	2,050	32,102	442	32,544	-	-	32,544	208,670	-	
Utah	19,039	18,597	6,208	-	164,060	208,670	32,102	442	32,544	318,936	14,831	176,126	-	-	176,126	208,670	-	
Vermont	89,035	20,083	1,520	-	244,927	355,569	59,350	1,998	61,348	161,295	(43)	161,252	-	-	161,252	380,241	24,313	
Virginia	48,985	18,144	894	-	124,629	190,243	24,970	35	25,005	156,025	3,384	169,409	-	-	169,409	194,414	13,973	
Washington	18,144	10,743	3,341	-	126,965	187,370	31,296	1,560	32,856	141,615	8,623	150,238	-	-	150,238	183,094	27,009	
West Virginia	22,733	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wisconsin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	3,287,805	885,283	140,772	641,192	5,864,163	10,819,205	2,033,165	122,035	2,155,200	8,082,273	465,107	8,547,380	-	-	8,547,380	10,702,580	2,185,682	

<sup>1</sup> Table summarizes State receipts and disbursements for debt service of all State bond issues, including the toll facility issues shown in Table SB-3T and the State issues for local roads shown in Table SB-3L. See Table SB-1 for general note on SB table series.

<sup>2</sup> Any differences between beginning balance and last year's closing balance is the result of accounting adjustments, or inclusion of funds not previously reported.

<sup>3</sup> May include general funds, other State taxes, Federal funds and local funds.



STATE OBLIGATIONS FOR LOCAL HIGHWAYS - 1993<sup>1</sup>  
 CHANGE IN INDEBTEDNESS DURING YEAR

TABLE SB-2L  
 OCTOBER 1994

STATE	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED <sup>2</sup>			OBLIGATIONS RETIRED			BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR <sup>3</sup>
		ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	BY CURRENT REVENUES OR SINKING FUNDS	BY REFUNDING	TOTAL	
Alaska	1,508	-	-	-	552	-	552	1,056
Dist. of Col.	246,752	35,838	-	35,838	122,068	-	122,068	160,522
Florida	108,080	4,250	-	4,250	26,380	-	26,380	85,950
Louisiana	7,335	-	-	-	1,535	-	1,535	5,800
Maryland	155,240	-	-	-	16,405	-	16,405	138,835
Massachusetts	49,048	3,135	-	3,135	34,098	-	34,098	18,085
Michigan	74,056	-	-	-	8,366	-	8,366	65,690
Mississippi	20,404	-	-	-	3,724	-	3,724	16,680
New Jersey	48,000	-	-	-	9,000	-	9,000	39,000
New York	390,691	192,645	-	192,645	9,639	-	9,639	573,697
Washington	205,370	50	68,255	68,305	23,528	66,630	90,158	183,517
Total	1,306,584	235,918	68,255	304,173	255,295	66,630	321,925	1,288,832

<sup>1</sup> This table shows the status of State obligations issued to fund local highways. State expenditures on local roads and transfer payments appear in Table SF-6. Amounts shown are included in Table SB-2. Only States with outstanding bonds issued for local roads are included. See Table SB-1 for general note on SB series.

<sup>2</sup> See Table SB-1 for additional information on specific bond issues.

<sup>3</sup> Amounts in this column include all funds available for future principal and interest payments.

STATE OBLIGATIONS FOR LOCAL HIGHWAYS - 1993<sup>1</sup>  
 RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE

TABLE SB-3L  
 OCTOBER 1994

STATE	BALANCE IN SINKING FUND OR DEBT RESERVE BEGINNING OF YEAR	RECEIPTS				DISBURSEMENTS				BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR	
		HIGHWAY-USER REVENUES	NET EARNINGS FROM INVESTMENTS	OTHER INCOME	PROCEEDS OF SALE OF BONDS	TOTAL RECEIPTS	INTEREST AND ADMINISTRATION	NET REDEMPTION	TOTAL DISBURSEMENTS		
Alaska	-	644	-	-	-	644	92	-	-	552	644
Dist. of Col.	-	79,012	-	56,363	112	135,487	13,419	-	-	122,068	135,487
Florida	15,204	3,526	1,102	25,717	5	30,350	5,295	1	-	26,510	31,806
Louisiana	-	2,046	-	-	-	2,046	511	-	-	1,535	2,046
Maryland	33,404	19,820	2,531	-	-	22,351	10,454	-	-	16,405	26,859
Massachusetts	-	36,294	-	-	-	36,294	2,174	-	22	34,098	36,294
Michigan	-	11,239	-	-	-	11,239	2,873	-	-	8,366	11,239
Mississippi	-	4,974	-	-	-	4,974	1,246	4	-	3,724	4,974
New Jersey	-	10,383	-	-	-	10,383	1,236	-	147	9,000	10,383
New York	-	34,941	-	-	-	34,941	25,302	-	-	9,639	34,941
Washington	-	34,614	-	-	68,135	102,749	12,591	-	-	90,158	102,749
Total	48,608	237,493	3,633	82,080	68,252	391,458	75,193	174	322,055	397,422	42,644

<sup>1</sup> This table shows the receipts and disbursements for the debt service of State obligations issued to fund State expenditures on local highways, or State transfers to local governments for highways. Amounts shown are included in the totals shown on Table SB-3. Only includes States with outstanding obligations for local roads. See Table SB-1 for general note on SB series.

CHANGE IN INDEBTEDNESS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1993<sup>1</sup>

COMPILED FROM REPORTS OF  
OF STATE AND LOCAL GOVERNMENTS

TABLE SB-2T  
OCTOBER 1994

STATE	NAME OF FACILITY	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED			BY CURRENT REVENUES OR SINKING FUNDS	OBLIGATIONS RETIRED		OBLIGATIONS OUTSTANDING OR DEBT RESERVE AT END OF YEAR 2	BALANCE IN SINKING FUND RESERVE AT END OF YEAR 2
			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL		BY REFUNDING	TOTAL		
Alaska	Alaska Ferry (Marine Highway) System	6,914	-	-	-	1,367	-	4,847	-	
California	Carquinez, Benicia-Martinez and Antioch Bridges	36,695	-	-	-	1,660	-	35,035	1,132,000	
	San Francisco-Oakland Bay, San Mateo & Dumbarton Bridges	40,185	-	-	-	2,775	-	37,410	7,311,000	
	Total	76,880	-	-	-	4,435	-	72,445	8,443,000	
Delaware	Delaware Memorial Bridge and Cape May-Lewes Ferry	43,500	-	-	-	3,420	-	40,080	7,470,752	
Florida	Florida Turnpike	755,680	194,993	522,060	717,063	10,925	442,745	1,019,063	81,380,799	
	Miami-Dade County Expressways	87,225	-	-	-	1,125	-	86,100	10,207,570	
	Mid Bay Bridge	971,735	81,740	564,415	648,460	564,415	-	81,740	119,650,312	
	Orlando-Orange County Expressway	7,400	-	-	-	590	-	887,690	1,206,994	
	Pensacola Beach Bridge	31,945	-	-	-	1,120	-	30,825	3,187,166	
	Sunshine Skyway (Lower Tampa Bay Bridge)	141,740	-	-	-	4,950	-	136,790	11,322,783	
	Total	1,995,725	276,733	1,086,475	1,363,208	1,027,555	1,007,160	2,249,018	226,955,624	
Georgia	Georgia 400	96,105	-	-	-	17,710	-	56,105	8,943,800	
Illinois	Illinois Toll Highway System	1,001,355	12,921	374,424	387,345	17,710	342,290	1,028,700	169,837,491	
Indiana	Indiana East-West Toll Road	289,645	-	-	-	3,025	-	286,620	25,612,173	
Kansas	Kansas Turnpike System	132,550	22,279	83,586	105,855	2,410	73,575	162,430	7,642,256	
Kentucky	Kentucky Parkway System	239,090	13,530	80,840	94,370	6,960	80,840	50,850,499	50,850,499	
Louisiana	Ascension (Sunshine) Bridge and St. James Ferry	12,605	-	-	-	1,537	-	11,068	4,203,531	
Maine	Greater New Orleans Bridges	30,840	-	-	-	-	-	30,840	4,369,630	
	Greater New Orleans Expressway <sup>3</sup>	59,120	-	-	-	950	55,490	66,690	4,369,630	
	Total	102,585	-	-	-	2,487	55,490	108,618	12,942,791	
Maryland	Chesapeake Bay and various river crossings <sup>4</sup>	272,760	6,669	229,831	236,500	1,220	132,220	12,870	35,699,000	
Massachusetts	East Boston Tunnels	46,200	-	-	-	400	-	45,800	11,226,044	
Massachusetts	Massachusetts Turnpike System	105,596	341,985	23,570	365,555	34,406	23,210	413,536	103,536,015	
	Total	151,796	341,985	23,570	365,555	34,806	23,210	459,336	114,762,059	
	Sault Sainte Marie Bridge	7,850	-	-	-	-	-	7,850	527,940	
New Hampshire	New Hampshire Turnpike System	276,930	-	6,731	6,731	7,073	6,731	269,857	21,001,830	
New Jersey	Atlantic City Expressway	58,400	23,666	36,819	60,485	-	36,819	5,329,268	6,519,537	
	Delaware River - northern crossings <sup>4</sup>	649,890	842	116,243	117,085	1,050	104,905	651,355	89,713,168	
	Garden State Parkway	2,924,390	-	-	-	31,720	-	2,892,670	214,182,717	
	New Jersey Turnpike System	3,659,499	24,508	153,062	177,570	43,485	141,724	3,661,850	315,744,690	
	Total	35,410	-	-	-	2,695	-	32,715	9,534,698	
New York	Hudson River crossings <sup>4</sup>	121,000	21,150	111,885	133,035	-	111,885	142,150	18,206,825	
	Rainbow, Lewiston-Queenston & Whirlpool Rapids Bridges	508,705	202,345	-	202,345	29,310	-	681,740	93,112,637	
	Thomas E. Dewey Thruway	3,765	-	-	-	485	-	3,280	863,806	
	Thousand Island Bridges	668,880	223,495	111,885	335,380	32,490	111,885	859,885	121,717,966	
Ohio	Ohio Turnpike <sup>5</sup>	691,084	-	-	-	-	-	691,084	100,150,374	
Oklahoma	Oklahoma Turnpike System (Will Rogers Turnpike)	2,400	-	-	-	800	-	1,600	22,490,000	
Oregon	Astoria-PT. Ellice Bridge	201,016	-	-	-	6,083	-	194,933	64,804,000	
Pennsylvania	Delaware River - Philadelphia area crossings <sup>4</sup>	1,129,925	20,563	550,152	570,715	17,635	520,960	1,162,045	87,294,000	
	Pennsylvania Turnpike System	1,330,941	20,563	550,152	570,715	23,718	520,960	1,356,978	87,294,000	
	Total	43,955	-	-	-	750	-	43,205	3,550,310	
Texas	MT, Hope and Lamesa-Town-Newport Bridges	370,765	-	-	-	-	-	386,929	37,861,125	
	Dallas North Tollway	184,115	-	-	-	2,760	-	181,355	8,921,259	
	Houston Ship Channel Bridge	7,060	-	-	-	285	-	6,775	1,334,850	
	Mountain Creek Lake Bridge	561,940	-	-	-	3,045	-	577,055	48,117,234	
Total	143,745	-	-	-	-	-	143,745	106		
Virginia	Chesapeake Bay Bridge and Tunnel System	73,588	-	-	-	4,785	-	68,803	-	
	Dulles Toll Road	7,980	-	-	-	530	-	7,450	-	
	Norfolk-Virginia Beach Toll Road	74,625	90	74,165	74,255	3,690	66,125	79,065	-	
	Powhite Parkway Extension Toll Road	299,938	90	74,165	74,255	9,005	66,125	299,063	106	
Total	122,265	90	74,165	74,255	26,572	28,605	97,398	4,767,910		
Washington	Puget Sound Ferry System	138,110	3,953	127,506	131,459	3,145	111,245	155,179	4,846,000	
West Virginia	West Virginia Turnpike	12,236,087	946,778	3,136,630	4,083,408	333,133	2,824,035	13,162,327	1,379,819,149	
Total										

<sup>1</sup> This table summarizes debt status of State and quasi-State toll facilities. Only facilities with outstanding bonds are included. See Table SB-1 for general note on SB Table series.  
<sup>2</sup> Amounts in this column include all funds available for future principal and interest payments.  
<sup>3</sup> Reclassified as a State Facility. Shown as a local toll facility prior to 1993.  
<sup>4</sup> See Table SF-38 for names of bridges and tunnels included.  
<sup>5</sup> All bonds retired in 1992. Facility is planning to issue bonds in 1994.

RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1993

TABLE SB-3T  
OCTOBER 1994

COMPILED FROM REPORTS OF  
OF STATE AND LOCAL GOVERNMENTS

Table with columns: STATE, NAME OF FACILITY, BALANCE IN SINKING FUND OR DEBT RESERVE BEGINNING OF YEAR 2, HIGHWAY-USER REVENUES, TOLLS, EARNINGS FROM INVESTMENTS, OTHER INCOME, PROCEEDS OF SALE OF BONDS, TOTAL RECEIPTS, INTEREST AND ADMINISTRATION FEES, NET REDEMPTION, TOTAL DISBURSEMENTS, BALANCE IN SINKING FUND OR DEBT RESERVE END OF YEAR 2.

1 This table summarizes debt status of State and quasi-State toll facilities. Only facilities with outstanding bonds are included. See Table SB-1 for general note on SB Table series.  
2 Amounts in these columns include all funds available for future principal and interest payments.  
3 No debt service payments for 1993.  
4 Reclassified as a State Facility. Shown as a local toll facility prior to 1993.  
5 See Table SB-3F for names of bridges and tunnels included.

RECEIPTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1993<sup>1</sup>

TABLE SF-3B  
SHEET 1 OF 2  
OCTOBER, 1994

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES		HIGHWAY- USER REVENUES	ROAD AND CROSSING TOLLS	CONCES- SIONS AND RENTALS	NET INCOME FROM INVEST- MENTS	MISCEL- LANEOUS	BOND PROCEEDS	TOTAL RECEIPTS	
			BEGINNING OF YEAR 2 RESERVES FOR CONSTRUC- TION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE								
Alaska	Alaska Ferry (Marine Highway) System	Alaska Department of Public Works	117,031	1,538	-	16,600	8,200	-	48,143	-	72,943	
	Carquinez, Benicia-Martinez and Antioch Bridges	California Transportation Commission	-	596	1,530	42,935	-	5,887	211	-	50,563	
	Mid-State Toll Road, State Routes 125, 91, & 57	Private Operators (California DOT) 3	-	-	1,768	11,103	-	2,645	-	-	15,583	
	Richmond-San Rafael Bridge	California Transportation Commission	28,776	-	5,793	5,793	-	1,377	47	-	7,177	
	San Diego-Coronado Bridge	California Transportation Commission	201,999	3,489	7,694	69,294	2,696	9,923	289	-	89,866	
	San Francisco-Oakland Bay, San Mateo & Dumbarton Bridges	California Transportation Commission	7,589	-	559	2,735	-	372	5	-	3,671	
	Vincent Thomas Bridge	California Transportation Commission	-	-	-	-	-	-	-	-	-	
	Total		411,619	5,027	12,147	131,860	2,696	20,224	529	-	167,456	
	Connecticut	Rocky Hill-Glastonbury and Chester-Hadlyme Ferries	Connecticut Department of Transportation	-	-	158	231	-	-	-	-	389
		Delaware Memorial Bridge and Cape May-Lewes Ferry 5	Delaware River and Bay Authority	26,497	6,730	-	35,931	-	1,193	761	-	37,885
John F. Kennedy Memorial Highway		Delaware Transportation Authority	5,897	-	-	30,458	1,838	192	26	-	32,514	
Florida	Total		32,394	6,730	-	66,389	1,838	1,385	787	-	70,399	
	Buccamer Trail Road	Florida Department of Transportation	-	-	927	617	-	-	-	-	1,544	
	Central Florida Expressway	Florida Department of Transportation	-	-	-	1,630	-	-	-	-	1,630	
	Everglades Parkway	Florida Department of Transportation	-	-	-	6,924	-	-	-	-	6,924	
	Florida Turnpike	Florida Department of Transportation	446,162	69,000	125,000	166,088	6,392	32,629	9,556	683,915	1,023,580	
	Miami-Dade County Expressways	Florida Department of Transportation	-	13,632	-	16,096	-	963	-	-	17,059	
	Mid Bay Bridge	Mid Bay Bridge Authority	-	-	-	39	-	-	-	-	81,740	
	Orlando-Orange County Expressway	Florida Department of Transportation	271,628	252,258	-	54,623	-	25,738	62	549,891	630,314	
	Pensacola Beach Bridge	Florida Department of Transportation	2,326	1,237	-	816	-	161	-	-	977	
	Pinellas Bayway	Florida Department of Transportation	15,285	-	-	3,252	-	-	-	-	3,252	
	Santa Rosa Bay Bridge 6	Santa Rosa Bay Bridge Authority	255	-	-	196	-	-	-	-	196	
	Santa Rosa (Navarre) Bridge	Florida Department of Transportation	-	-	-	-	-	-	-	-	-	
	Seminole County Expressway 7	Florida Department of Transportation	-	-	-	-	-	-	-	-	-	
	St. George Island (Bryant Patton) Bridge 8	Florida Department of Transportation	545	3,167	-	9,858	-	345	-	-	10,203	
	Sunshine Skyway (Lower Tampa Bay Bridge)	Florida Department of Transportation	14,127	9,052	5,686	12,414	-	696	42	-	18,838	
	Tampa-Hillsborough County (South Crosstown) Expressway	Florida Department of Transportation	-	-	-	-	-	-	-	-	-	
	Total		750,328	348,346	131,613	272,553	6,392	60,532	9,667	1,315,546	1,796,303	
Georgia	Georgia 400	Georgia State Tollway Authority	6,574	14,739	-	4,336	-	1,010	63	-	5,409	
	Torras Causeway	Georgia State Tollway Authority	2,635	-	-	1,287	-	138	-	-	1,425	
Illinois	Total		9,209	14,739	-	5,623	-	1,148	-	-	6,834	
	Illinois Toll Highway System	Illinois State Toll Highway Authority	563,226	158,621	-	259,831	3,934	24,488	190	387,345	675,788	
	Indiana East-West Toll Road	Indiana Transportation Finance Authority	70,772	25,564	-	60,984	4,734	4,638	837	-	71,193	
	Wabash Memorial and Brandenburg-Maukport Bridges	Indiana Transportation Finance Authority	7,112	-	-	713	-	231	8	-	962	
	Total		77,884	25,564	-	61,697	4,734	4,869	845	-	72,145	
Kansas	Kansas Turnpike System	Kansas Turnpike Authority	29,646	7,047	-	44,356	579	1,085	611	102,284	148,915	
	Total		2,379	42,944	31,084	10,305	-	2,190	-	94,370	137,949	
Kentucky	Ascension (Sunshine) Bridge and St. James Ferry	Ascension-St. James Bridge & Ferry Authority	542	4,181	-	2,584	-	138	4	-	2,726	
	Greater New Orleans Bridges	Greater New Orleans Division	53,101	4,402	5,093	20,034	-	2,043	49	-	27,219	
	Greater New Orleans Expressway 9	Greater New Orleans Expressway Commission	13,846	9,259	3,762	7,350	-	628	18	61,784	73,542	
	Total		67,489	17,842	8,855	29,968	-	2,809	71	61,784	103,487	
Maine	Island Ferry System	Maine Port Authority	69	1,568	-	3,318	-	9	1,741	-	3,318	
	Maine Turnpike	Maine Turnpike Authority	27,293	2,784	-	35,823	1,891	1,357	9,146	-	48,217	
Maryland	Total		27,362	2,784	-	37,391	1,891	1,366	10,887	-	51,535	
	Cheapeake Bay and various river crossings 10	Maryland Transportation Authority	63,449	34,602	-	88,323	5,294	3,434	16,759	159,363	267,879	
	John F. Kennedy Memorial Highway	Maryland Transportation Authority	-	-	-	30,397	-	255	-	-	35,946	
Massachusetts	Total		63,449	34,602	-	118,720	5,294	3,434	17,014	159,363	303,825	
	East Boston Tunnels	Massachusetts Turnpike Authority	37,733	12,835	-	16,189	187	921	-	-	17,297	
	Maurice J. Tobin (Mystic River) Bridge	Massachusetts Turnpike Authority	58,341	21,152	-	129,745	9,264	4,755	-	365,555	509,319	
Michigan	Total		96,074	33,987	-	151,171	9,451	5,676	1,903	-	7,140	
	Blue Water Bridge	Michigan Department of Transportation	-	-	-	3,456	968	-	11,341	-	15,765	
	Mackinac Straits bridge	Mackinac Bridge Authority	22,430	-	-	7,193	8	549	18	-	7,768	
New Hampshire	Sault Sainte Marie Bridge	International Bridge Authority of Michigan	4,306	474	-	4,328	460	150	-	-	4,938	
	Total		26,736	474	-	14,977	1,436	699	11,359	-	28,471	
New Hampshire	New Hampshire Turnpike System	New Hampshire Department of Transportation	86,466	21,417	2	45,457	-	2,631	1,201	6,757	56,248	
	Total		86,466	21,417	2	45,457	-	2,631	1,201	6,757	56,248	

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

RECEIPTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1993<sup>1</sup>

TABLE SF-38  
SHEET 2 OF 2  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES		HIGHWAY- USER REVENUES	ROAD AND CROSSING TOLLS	CONCES- SIONS FROM RENTALS	NET INCOME FROM INVEST- MENTS	MISCEL- LANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
			BEGINNING RESERVES FOR CONSTRUC- TION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE							
New Jersey	Atlantic City Expressway Delaware River - northern crossings <sup>11</sup> Garden State Parkway New Jersey Turnpike System	New Jersey Expressway Authority Delaware River Joint Toll Bridge Commission New Jersey Turnpike Authority	24,652 39,406 208,729 1,152,799	5,329 9,946 89,176 194,241	- - - -	22,075 23,978 167,440 317,033	948 - 11,242 11,852	606 1,563 12,277 93,155	1,373 216 4,102 2,004	50,485 - 116,909 -	85,487 26,757 311,970 426,044
New York	Total Cornwall-Massena Bridge Hudson River crossings <sup>12</sup> Manhattan and Staten Island area crossings <sup>13</sup> Ogdensburg-Prescott Bridge Pelee Bridge Rainbow, Lewis-Gueneon & Whipool Rapids Bridges Thomas E. Dewey Thruway Thousand Islands Bridges	St. Lawrence Seaway Development Corp. New York State Bridge Authority Port Authority of New York and New Jersey Ogdensburg Bridge and Port Authority Buffalo and Ft. Erie Public Bridge Authority Niagara Falls Bridge Commission New York State Thruway Authority Thousand Islands Bridge Authority	1,425,586 1,592 24,534 1,757 6,760 107,830 265,387 6,767	294,692 9,519 - - - 19,512 79,377 854	- - - - - - - -	530,526 3,740 20,590 488,030 1,452 9,390 7,852 349,487 5,295	24,042 105 - - 416 4,165 5,540 8,563 -	109,601 43 1,291 - 40 258 7,238 7,944 235	7,695 6 81 - 13 37 158 10,919 50	177,394 - - - - - - - 327,042	849,258 3,894 21,962 488,030 1,921 152,372 572,371 5,580
North Carolina	Cedar Island and Southport-Ft. Fisher Ferries	North Carolina Department of Transportation	404,727	109,262	-	885,836	18,789	17,049	11,264	327,042	1,259,980
Ohio	Ohio Turnpike	Ohio Turnpike Commission	32,988	194	-	89,593	5,655	513	977	-	98,873
Oklahoma	Oklahoma Turnpike System (Will Rogers Turnpike)	Oklahoma Turnpike Authority	114,842	126,350	-	84,059	1,083	13,995	767	-	99,904
Oregon	Astoria-Pt. Ellice Bridge	Oregon Transportation Commission	-	27,394	-	102,410	-	1,644	9	-	2,473
Pennsylvania	Delaware River - Philadelphia area crossings <sup>14</sup> Pennsylvania Turnpike System	Delaware River Port Authority Pennsylvania Turnpike Commission	709,131 709,131	85,145 112,539	- -	4,889 372,243	6,391 6,391	27,855 29,499	58,759 59,018	561,127 561,127	928,854 1,033,167
Rhode Island	Mt. Hope and Jamestown-Newport Bridges	Rhode Island Turnpike and Bridge Authority	13,324	3,047	-	9,273	-	745	22	-	10,040
Tennessee	Cumberland City and Clifton Ferries	Tennessee Department of Transportation	-	-	105	67	-	-	-	-	172
Texas	Dallas North Tollway Houston Ship Channel Bridge Mountain Creek Lake Bridge	Texas Turnpike Authority Texas Turnpike Authority Texas Turnpike Authority	141,365 8,533 1,449	40,404 10,290 1,310	- - -	34,248 9,401 1,473	- - -	10,398 612 122	10 - -	137,423 - -	182,079 10,013 1,595
Utah	John Atlantic Burr Ferry	Utah Department of Transportation	151,347	52,004	-	45,122	-	11,132	10	137,423	193,687
Virginia	Chesapeake Bay Bridge and Tunnel System Dulles Toll Road Jamestown Ferry Norfolk-Virginia Beach Toll Road Powhite Parkway Extension Toll Road Richmond-Petersburg Turnpike <sup>8</sup>	Chesapeake Bay Bridge and Tunnel District Virginia Department of Transportation Virginia Department of Transportation Virginia Department of Transportation Virginia Department of Transportation	51,512 22,734 - 32,140 434 2,753	- - - - -	- - - - -	32,333 23,232 879 11,504 7,270	- - - - -	3,921 767 - 837 101	793 13 3 -	- - - 73,935 -	37,047 24,012 6,873 12,344 83,706
Washington	Puget Sound Ferry System	Washington Toll Bridge Authority <sup>15</sup>	105,805	6,085	-	8,394	-	5,626	809	73,935	163,982
West Virginia	West Virginia Turnpike	West Virginia Parkways Authority <sup>15</sup>	56,033	8,452	-	96,244	80,099	3,520	4,092	30,199	214,154
Summary	Total Bridge and Tunnel Facilities Total Road Facilities Total Ferry Facilities Grand Total		1,961,343 3,300,400 105,874 5,367,617	304,220 1,122,344 6,085 1,432,649	- - - -	1,284,106 2,099,179 101,050 3,484,345	31,691 63,178 8,200 103,069	137,397 186,697 3,529 327,623	18,307 115,650 53,976 187,933	213,324 3,685,183 30,199 3,928,706	1,701,469 6,326,368 305,390 8,333,227

<sup>1</sup> Tables SF-38 and SF-48 are concerned solely with receipts and disbursements for State and quasi-State toll facilities. See Tables LGF-38 and LGF-48 for data on public and quasi-public facilities operated by or for local governments. See Tables SB-21 and SB-31 for information on toll facility bond indebtedness. See Table SF-21 for general note on SF table series.

<sup>2</sup> Any differences between beginning balances and previous year's closing balances are the result of accounting adjustments, or inclusion of funds not previously reported.

<sup>3</sup> Private companies have contracted with the State to build and operate these facilities, and transfer them to the State at a later date. The amounts shown represent only the State's oversight costs.

<sup>4</sup> The toll portion of the new congestion relief route is not included in this table. Capital outlay for 1993 is included in the State expenditures for State administered roads.

<sup>5</sup> 1993 annual report not received. Debt service shown is for 1992. All other amounts shown are for 1992.

<sup>6</sup> Facility not open. Still under construction during 1993.

<sup>7</sup> Seminole County Expressway became part of Florida Turnpike per October 10, 1990 agreement.

<sup>8</sup> Freed 7/1/92.

<sup>9</sup> Reclassified as a State Facility. Shown as a local toll facility prior to 1993.

<sup>10</sup> Includes Chesapeake Bay, Francis Scott Key, Patomac River and Susquehanna River Bridges; Baltimore Harbor and Fort McHenry Tunnels.

<sup>11</sup> Includes the Trenton-Morrisville, New Hope-Lambertville, Interstate 78, Easton-Phillipsburg, Portland-Columbia, and Milford-Montague Bridges.

<sup>12</sup> Includes the Newburgh-Beacon, Mid-Hudson, Rip Van Winkle, Kingston-Rhinecliff and Bear Mountain Bridges.

<sup>13</sup> Includes the George Washington, Bayonne and Goethals Bridges; Holland and Lincoln Tunnels.

<sup>14</sup> Includes the Walt Whitman, Ben Franklin, Betsy Ross and Commodore Barry Bridges.

<sup>15</sup> Full name of the authority is West Virginia Parkways, Economic Development and Tourism Authority.

DISBURSEMENTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1993<sup>1</sup>

TABLE SF-4B  
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OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINS TRATION AND MISCEL- LANEOUS	HIGHWAY LAW ENFORCE- MENT	INTEREST	BOND RETIREMENT	TRANSFERS <sup>2</sup>	TOTAL DISBURSEMENTS	BALANCES END OF YEAR		
											RESERVES FOR CONSTRUC TION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE	
Alaska	Alaska Ferry (Marine Highway) System	18,951	-	66,800	4,500	-	277	1,366	-	72,943	-	-	
	Carquinez, Benicia-Martinez and Antioch Bridges	596	-	9,028	1,761	-	2,396	1,693	687	35,969	132,030	1,132	
	Mid-State Toll Road, State Routes 125, 91, & 57	4,577	-	2,063	480	-	-	-	-	8,736	63,100	-	
	Richmond-San Rafael Bridge	4,659	-	2,246	137	-	-	-	3,628	10,680	25,273	-	
	San Diego-Coronado Bridge	17,312	-	18,131	4,122	-	2,933	2,775	21,428	73,283	214,760	7,311	
	San Francisco-Oakland Bay, San Mateo & Dumbarton Bridges	256	-	1,206	281	-	-	-	-	2,246	8,984	-	
	Vincent Thomas Bridge	46,361	-	32,674	6,781	-	5,929	4,468	25,759	131,510	444,147	8,443	
	Total	-	-	389	-	-	-	-	-	389	-	-	-
	Connecticut	Rocky Hill-Glastonbury and Chester-Hadlyme Ferries	5,129	-	13,513	6,063	-	1,631	3,420	-	36,123	27,518	7,471
		Delaware Memorial Bridge and Cape May-Lewes Ferry <sup>5</sup>	1,376	-	7,052	-	3,429	-	-	24,355	32,783	5,628	-
Delaware	John F. Kennedy Memorial Highway	6,505	-	20,565	6,063	3,429	1,631	3,420	24,355	68,906	33,146	7,471	
	Total	-	-	205	-	-	-	-	-	1,544	-	-	
	Buccaneer Trail Road	-	28	598	-	-	-	-	1,004	1,630	-	-	
	Central Florida Expressway	-	36	1,429	-	-	-	-	-	6,924	-	-	
	Everglades Parkway	5,459	-	55,358	6,285	-	77,192	499,967	14,812	897,219	560,142	81,381	
	Florida Turnpike	226,737	-	5,248	-	-	6,418	1,125	6,461	20,483	-	10,208	
	Miami-Dade County Expressways	15,632	-	837	1,291	-	78,220	684,703	-	894,226	66,147	119,650	
	Mid Bay Bridge	122,424	-	12	-	-	417	590	-	1,435	1,898	1,207	
	Pensacola Beach Bridge	-	46	1,522	-	-	-	-	-	1,568	16,969	-	
	Pinellas Bayway	-	-	150	-	-	-	-	-	54	208	-	
Florida	Santa Rosa Bay Bridge <sup>6</sup>	-	-	-	-	-	-	-	-	196	-	-	
	Seminole County Expressway <sup>7</sup>	-	-	-	-	-	-	-	-	-	-	-	
	Seminole County Expressway <sup>7</sup>	-	-	-	-	-	-	-	-	-	-	-	
	St. George Island (Blyant Patton) Bridge <sup>8</sup>	-	-	1,518	11	-	2,017	1,120	4,493	9,540	1,188	3,187	
	Sunshine Skyway (Lower Tampa Bay Bridge)	1,942	-	3,766	311	-	7,970	4,950	-	19,318	11,376	11,323	
	Tampa-Hillsborough County (South Crosstown) Expressway	372,248	-	76,922	7,898	-	172,234	1,192,455	26,843	1,869,769	798,252	226,956	
	Total	6,574	134	744	203	-	5,795	-	-	13,450	4,327	8,944	
	Georgia 400	-	22	899	194	-	-	-	-	1,115	-	-	
	Touras Causeway	-	-	-	-	-	-	-	-	-	-	-	
	Georgia	Total	6,574	156	1,643	397	-	5,795	-	-	14,565	7,272	8,944
Illinois Toll Highway System		287,472	-	40,222	31,952	-	10,750	49,675	392,134	804,421	423,277	169,837	
Illinois	Indiana East-West Toll Road	8,603	-	5,959	3,571	2,338	20,823	3,025	-	62,920	78,996	25,612	
	Wabash Memorial and Brandenburg-Maukport Bridges	-	-	685	-	-	-	-	316	1,001	7,062	-	
	Total	8,603	18,601	6,644	3,571	2,338	20,823	3,025	316	63,921	86,058	25,612	
Kansas	Kansas Turnpike System	8,326	6,220	7,662	7,347	2,615	13,540	82,415	1,778	129,903	48,062	6,612	
	Kentucky Parkway System	3,501	1,726	5,230	180	-	18,462	101,101	-	130,200	2,222	50,850	
Kentucky	Ascension (Sunshine) Bridge and St. James Ferry	25,672	-	740	160	-	527	1,510	-	2,777	468	4,204	
	Greater New Orleans Bridges	1,681	-	11,770	862	-	2,166	62,734	150	39,768	40,584	4,370	
Louisiana	Greater New Orleans Expressway <sup>9</sup>	27,353	-	2,314	1,681	-	4,325	62,734	-	74,874	16,258	5,515	
	Total	11,574	16,324	8,988	3,241	465	7,018	64,244	150	117,419	57,310	14,089	
Maine	Island Ferry System	-	-	-	-	-	-	-	-	3,241	146	-	
	Maine Turnpike	11,574	16,324	8,988	2,257	1,946	846	1,220	11,797	54,952	20,582	2,762	
Maryland	Total	11,574	16,324	12,292	2,257	1,946	846	1,220	11,797	58,193	20,728	2,762	
	Chesapeake Bay and various river crossings <sup>10</sup>	15,327	6,588	9,561	9,117	10,777	20,340	155,149	10,000	239,353	90,878	35,699	
Massachusetts	John F. Kennedy Memorial Highway	23,350	6,588	1,191	2,948	1,869	-	-	-	35,946	-	-	
	Total	38,677	16,149	10,273	12,065	12,646	20,340	155,149	10,000	275,299	90,878	35,699	
Michigan	East Boston Tunnels	7,211	2,615	11,770	160	-	4,158	400	-	25,109	31,529	11,226	
	Massachusetts Turnpike System	80,986	-	52,858	12,654	-	11,348	59,725	-	217,571	267,706	103,536	
	Maurice J. Tobin (Mystic River) Bridge	553	-	3,157	3,430	-	-	-	-	7,140	-	-	
Michigan	Total	88,750	2,615	64,473	18,351	-	15,506	60,125	-	249,820	299,235	114,762	
	Blue Water Bridge	12,728	549	1,105	1,105	174	-	-	1,209	15,765	-	-	
New Hampshire	MacKinnac Straits Bridge	1,262	2,247	1,391	1,873	-	-	-	7,428	14,201	15,997	-	
	Sault Sainte Marie Bridge	-	1,271	1,089	376	-	474	-	8	3,218	5,972	528	
New Hampshire	Total	13,990	4,067	3,585	2,249	174	474	-	8,645	33,184	21,969	528	
	New Hampshire Turnpike System	32,850	3,699	12,727	822	2,485	17,717	13,876	-	84,176	58,953	21,002	

DISBURSEMENTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1993<sup>1</sup>

TABLE SF-4B  
SHEET 2 OF 2  
OCTOBER 1994

COMPILED FROM REPORTS  
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINIS- TRATION AND MISCEL- LANEOUS	HIGHWAY LAW ENFORCE- MENT	INTEREST	BOND RETIREMENT	TRANSFERERS <sup>2</sup>	TOTAL DISBURSEMENTS	BALANCES END OF YEAR	
											RESERVES FOR CONSTRUCTION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE
New Jersey	Atlantic City Expressway	1,772	6,078	2,901	4,888	3,203	2,170	39,444	2,500	62,956	47,183	5,329
	Delaware River - northern crossings <sup>11</sup>	2,197	6,784	11,177	2,998	-	3,450	1,050	-	27,666	36,923	6,520
	Garden State Parkway	43,484	35,268	34,866	16,549	18,617	40,139	126,783	10,075	325,781	194,381	89,713
	New Jersey Turnpike System	177,151	39,585	69,632	32,496	18,281	175,278	31,720	12,000	566,143	1,002,756	214,183
	Total	224,604	87,715	118,576	56,931	40,101	221,047	198,997	24,575	972,546	1,281,243	315,745
New York	Cornwall/Massena Bridge	188	296	1,450	408	-	-	-	1,822	4,174	1,412	-
	Hudson River crossings <sup>12</sup>	10,804	418	7,975	2,059	-	2,268	2,695	-	25,919	20,561	9,535
	Manhattan and Staten Island area crossings <sup>13</sup>	61,800	-	165,288	30,816	-	-	-	230,126	488,030	-	-
	Ogdensburg-Prescott Bridge	140	130	923	333	-	-	-	241	1,767	1,911	-
	Peace Bridge	7,106	4,461	4,128	1,952	-	-	-	272	17,919	2,691	-
	Rainbow, Lewiston-Queenston & Whitpool Rapids Bridges	18,521	4,014	2,257	1,299	-	9,638	119,745	-	155,474	106,033	18,207
	Thomas E. Dewey Thruway	305,247	99,108	49,247	37,609	-	23,081	29,310	54,081	625,458	188,564	93,113
	Thousand Island Bridges	1,384	2,300	559	734	-	27,775	263	-	5,725	6,612	864
	Total	404,890	110,727	231,837	75,210	27,775	35,250	152,235	286,542	1,324,466	327,784	121,719
	North Carolina	Cedar Island and Southport-Ft. Fisher Ferries	-	-	6,991	-	-	-	-	-	6,991	-
Ohio	Ohio Turnpike	40,553	15,972	18,918	13,928	8,305	16	-	-	97,692	34,182	180
	Oklahoma Turnpike System (Will Rogers Turnpike)	24,170	2,394	14,113	12,435	5,243	46,282	-	-	104,637	136,309	100,150
Oregon	Astoria-Pt. Ellice Bridge	-	11	335	-	-	41	800	1,286	2,473	-	-
Pennsylvania	Delaware River - Philadelphia area crossings <sup>14</sup>	5,762	2,765	35,814	-	-	12,209	6,083	46,583	109,217	-	22,490
	Pennsylvania Turnpike System	245,291	41,976	48,632	54,387	-	74,445	568,864	-	1,033,595	624,731	64,804
	Total	251,053	44,742	84,446	54,387	-	86,654	574,947	46,583	1,142,812	624,731	87,294
Rhode Island	Mt. Hope and Jamestown-Newport Bridges	-	7,356	1,006	1,327	-	1,948	708	-	12,345	10,516	3,550
Tennessee	Cumberland City and Clifton Ferries	-	-	172	-	-	-	-	-	172	-	-
Texas	Dallas North Tollway	33,583	1,781	7,017	3,687	-	26,887	137,446	-	210,401	115,585	37,861
	Houston Ship Channel Bridge	-	356	1,158	749	-	6,524	2,760	-	11,547	8,368	8,921
	Mountain Creek Lake Bridge	9	87	327	220	-	480	285	-	1,408	1,611	1,335
	Total	33,592	2,224	8,502	4,656	-	33,891	140,491	-	223,356	125,564	48,117
	John A. H. Burr Ferry	-	300	250	-	-	-	550	-	-	-	-
Virginia	Chesapeake Bay Bridge and Tunnel System	2,497	2,652	2,010	1,663	-	3,466	4,877	-	12,288	76,271	-
	Dulles Toll Road	34	9,601	-	7,788	-	2,885	-	-	25,185	21,561	-
	Jamestown Ferry	-	926	5,947	3,737	-	6,873	501	-	10,411	-	-
	Norfolk-Virginia Beach Toll Road	-	5,789	-	2,920	-	384	77,534	-	83,338	34,074	-
	Powhite Parkway Extension Toll Road	-	-	-	-	-	2,884	-	2,753	802	-	-
Richmond-Petersburg Turnpike <sup>5</sup>	-	-	-	-	-	-	-	-	-	-	-	
Washington	Total	2,531	18,968	7,957	16,108	-	9,619	82,912	-	138,095	132,708	4,768
	Puget Sound Ferry System	48,623	19,751	79,002	7,738	-	8,062	55,135	-	218,311	102,965	4,768
West Virginia	West Virginia Turnpike <sup>15</sup>	4,271	9,718	7,058	10,308	1,619	11,552	127,774	7,702	180,002	53,190	4,845
Summary	Total Bridge and Tunnel Facilities	422,418	91,251	373,111	98,159	23,753	228,834	176,789	331,616	1,745,931	1,901,374	319,721
	Total Road Facilities	1,486,030	335,982	420,151	248,086	96,138	566,856	3,175,707	144,715	6,473,665	3,216,216	1,056,477
	Total Ferry Facilities	48,623	20,977	162,792	12,238	8,339	8,339	56,501	-	309,470	103,111	4,768
	Grand Total	1,957,071	448,210	956,054	358,483	119,891	804,029	3,408,997	476,331	8,529,066	5,220,701	1,380,966

<sup>1</sup> Tables SF-3B and SF-4B are concerned solely with receipts and disbursements for State and quasi-State toll facilities. See Tables LGF-3B and LGF-4B for data on public and quasi-public facilities operated by or for local governments. See Tables SB-2T and SB-3T for information on toll facility bond indebtedness. See Table SF-21 for general note on SF table series.

<sup>2</sup> Includes direct expenditures for nonhighway purposes and transfers to other agencies for both highway and nonhighway purposes. The amount used for nonhighway purposes can be determined by taking total tolls from SF-3B and subtracting tolls used for highways on Tables SF-21 and tolls used for mass transportation on Table MF-1.

<sup>3</sup> Private companies have contracted with the State to build and operate these facilities, and transfer them to the State at a later date. The amounts shown represent only the State's oversight costs.

<sup>4</sup> The toll portion of the new congestion relief route is not included in this table. Capital outlay for 1993 is included in the State expenditures for State administered roads.

<sup>5</sup> 1993 annual report not received. Debt service shown is for 1992. All other amounts shown are for 1992.

<sup>6</sup> Facility not open. Still under construction during 1993.

<sup>7</sup> Seminole County Expressway became part of Florida Turnpike per October 10, 1990 agreement.

<sup>8</sup> Freed 7/1/92.

<sup>9</sup> Reclassified as a State Facility. Shown as a local toll facility prior to 1993.

<sup>10</sup> Includes Chesapeake Bay, Francis Scott Key, Potomac River and Susquehanna River Bridges; Baltimore Harbor and Fort McHenry Tunnels.

<sup>11</sup> Includes the Trenton-Morrisville, New Hope-Lambertville, Interstate 78, Easton-Phillipsburg, Portland-Columbia, and Milford-Montague Bridges.

<sup>12</sup> Includes the Newburgh-Beacon, Mid-Hudson, Rip Van Winkle, Kingston-Rhinecliff and Bear Mountain Bridges.

<sup>13</sup> Includes the George Washington, Bayonne and Goethals Bridges; Holland and Lincoln Tunnels.

<sup>14</sup> Includes the Walt Whitman, Ben Franklin, Betsy Ross and Commodore Barry Bridges.

<sup>15</sup> Full name of the authority is West Virginia Parkways, Economic Development and Tourism Authority.

FUNDING FOR DIRECT STATE MASS TRANSIT ACTIVITIES - 1993<sup>1</sup>

COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE MT-1A  
OCTOBER 1994

STATE	RECEIPTS										DISBURSEMENTS					TOTAL DISBURSEMENTS
	HIGHWAY-USER TAX REVENUES	GENERAL FUND REVENUES	OTHER STATE IMPOSTS	MISCELLANEOUS	BOND PROCEEDS	PAYMENTS FROM OTHER GOVERNMENTS			CAPITAL OUTLAY	OPERATIONS AND MAINTENANCE	ADMINISTRATION	DEBT SERVICE				
						FHWA	OTHER FEDERAL	LOCAL								
TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS	TOTAL RECEIPTS				
Alabama	-	-	-	-	-	-	-	-	-	-	-	-	85			
Alaska	85	-	-	-	-	-	-	-	-	-	-	-	2,123			
Arizona	-	120	-	167	-	-	-	-	-	-	-	-	9,231			
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	209,198			
California	66,363	-	123,420	47,411	-	-	-	6,077	86,738	28,806	29,100	-	209,198			
Colorado	-	-	-	-	-	-	-	-	-	-	-	-	193,124			
Connecticut	180,256	-	-	-	-	-	-	-	59,821	6,951	13,903	-	25,684			
Delaware	24,006	-	-	-	-	-	-	-	4,029	3,329	-	-	33,475			
Dist. of Col.	-	33,475	-	-	-	-	-	-	16	-	33,087	-	-			
Florida	-	-	-	-	-	-	-	-	-	-	-	-	-			
Georgia	2,489	-	-	-	-	-	-	-	2,330	-	-	-	2,489			
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-			
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-			
Illinois	290	-	-	-	-	-	-	-	290	-	-	-	290			
Indiana	-	-	-	-	-	-	-	-	499	-	-	-	499			
Iowa	146	-	-	-	-	-	-	-	146	-	-	-	146			
Kansas	402	-	-	-	-	-	-	-	-	-	-	-	402			
Kentucky <sup>2</sup>	-	397	-	-	-	-	-	-	-	-	-	-	397			
Louisiana	40	392	-	-	-	-	-	-	40	-	-	-	40			
Maine	-	-	-	-	-	-	-	-	1,409	-	-	-	4,975			
Maryland	35,692	-	-	-	-	-	-	-	9,557	2,627	939	-	35,692			
Massachusetts <sup>2</sup>	283,264	205,394	-	-	495	-	-	-	11,689	14,446	-	-	492,099			
Michigan	160,183	-	-	-	-	-	-	-	1,753	340,106	147,222	-	172,181			
Minnesota	276	388	-	-	-	-	-	-	20,504	120,267	20,867	-	664			
Mississippi	774	-	-	-	-	-	-	-	-	-	-	-	3,920			
Missouri	-	-	-	-	-	-	-	-	-	-	-	-	-			
Montana	1,143	-	-	-	-	-	-	-	1,153	-	-	-	2,757			
Nebraska	1,000	-	-	-	-	-	-	-	285	1,928	-	-	2,396			
Nevada	-	73	-	-	-	-	-	-	255	58	-	-	455			
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	-			
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-			
New Mexico	-	-	-	-	-	-	-	-	143,416	-	-	-	1,532			
New York	-	187,542	-	-	8,800	-	-	-	7,935	-	188,407	-	196,342			
North Carolina	20,431	-	-	-	-	-	-	-	18,044	358	2,029	-	20,431			
North Dakota	62	-	-	-	-	-	-	-	-	-	-	-	62			
Ohio	10,267	14,657	-	-	-	-	-	-	13,499	23,137	-	-	36,990			
Oklahoma	815	-	-	-	-	-	-	-	-	-	-	-	-			
Oregon	888	845	-	-	-	-	-	-	11,877	3,069	59	-	13,201			
Pennsylvania	9,198	273,335	-	11,468	-	-	-	-	1,121	1,121	8	-	386,021			
Rhode Island	22,936	-	103,266	222	-	-	-	-	767	380,996	-	-	386,021			
South Carolina	607	-	-	-	1,080	-	-	-	9,609	12,990	1,094	-	24,016			
South Dakota	142	-	-	-	-	-	-	-	-	-	-	-	607			
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-	-			
Texas	1,245	-	-	-	-	-	-	-	820	802	695	-	2,317			
Utah	-	-	-	-	-	-	-	-	-	-	-	-	-			
Vermont	3,117	120	-	-	-	-	-	-	972	120	-	-	1,245			
Virginia	108	-	-	-	-	-	-	-	4,972	-	105	-	1,197			
Washington	5,000	-	-	-	-	-	-	-	-	-	299	-	5,271			
West Virginia	-	-	-	-	-	-	-	-	-	-	108	-	108			
Wisconsin	3,099	-	-	-	-	-	-	-	374	-	8,674	-	9,048			
Wyoming	791	-	-	-	-	-	-	-	1,658	-	-	-	3,099			
Total	835,116	716,738	226,686	227,354	10,375	12,592	75,187	6,932	408,258	1,100,323	99,262	457,971	2,065,814			

<sup>1</sup> Table MT-1A is the first in a series of tables on mass transit. Table MT-1A includes only direct State expenditures for transit projects. This table does not include State-owned or State-contracted mass transit operators. Table MT-1B shows State transfers to mass transit operators. Table MT-2A shows transit operators' funding of capital expenditures. Table MT-2B shows transit operators' funding of operating expenditures. NOTE: Information contained in Tables MT-2A and MT-2B is one year behind that contained in Tables MT-1A and MT-1B.

<sup>2</sup> 1993 State highway finance data not reported for Kentucky and Massachusetts. Estimated by FHWA.



FUNDING FOR STATE GRANTS-IN-AID FOR MASS TRANSIT - 1993<sup>1</sup>

TABLE MF-1B  
OCTOBER 1994  
COMPILED FROM REPORTS OF STATE AUTHORITIES  
(THOUSANDS OF DOLLARS)

STATE	RECEIPTS										DISBURSEMENTS					TOTAL DISBURSEMENTS
	HIGHWAY-USER TAX REVENUES	ROAD AND CROSSING TOLLS	GENERAL FUND REVENUES	OTHER STATE IMPOSTS	MISCELLANEOUS	BOND PROCEEDS	PAYMENTS FROM OTHER GOVERNMENTS			TOTAL RECEIPTS	CAPITAL GRANTS	OPERATING ASSISTANCE	PLANNING GRANTS			
							FHWA	OTHER FEDERAL	LOCAL							
Alabama	-	-	-	-	1,100	-	-	-	-	-	-	1,100	-	-	1,100	
Alaska	2,600	-	-	-	-	-	-	-	-	-	-	100	500	-	2,600	
Arizona	-	-	-	-	20,700	-	-	-	-	-	-	-	20,671	-	20,700	
Arkansas	-	-	350	-	-	-	-	-	350	-	-	28	125	-	350	
California	162,273	-	-	53,002	242	266,437	300	2,086	484,340	-	-	26,505	66,975	-	746,784	
Colorado	260	-	-	-	-	-	-	-	260	-	-	224	36	-	260	
Connecticut	-	-	-	-	-	-	-	930	-	-	-	-	930	-	930	
Delaware	-	-	118,522	-	-	53,959	38	481	173,000	-	-	-	123,000	-	173,000	
Florida	138,916	-	-	-	-	-	-	-	138,916	-	-	-	41,061	7,416	138,916	
Georgia	1,485	-	-	-	-	-	-	7,454	8,939	-	-	-	-	-	8,939	
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Illinois	5,005	-	151,293	-	-	-	-	13,925	170,223	-	-	-	174,394	-	174,394	
Indiana	-	-	-	17,717	-	-	-	4,417	22,134	-	-	-	20,022	-	22,134	
Iowa	9,265	-	-	-	-	-	2,869	-	12,134	-	-	29	-	-	12,134	
Kansas	972	-	-	-	427	-	-	2,271	3,670	-	-	-	3,706	-	3,706	
Kentucky <sup>2</sup>	-	-	1,073	-	-	-	-	4,235	5,308	-	-	-	-	-	5,308	
Louisiana	2,153	-	-	-	-	-	-	-	2,153	-	-	-	-	-	2,153	
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland	317,409	10,000	-	-	-	-	-	17,547	344,956	-	-	-	186,285	-	344,956	
Massachusetts <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Michigan	-	8	-	-	-	-	-	2,663	8	-	-	-	8	-	8	
Minnesota	-	-	8,821	-	-	-	-	-	11,474	-	-	-	-	-	11,474	
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Missouri	-	-	2,393	700	-	-	-	6,431	9,524	-	-	-	5,237	-	9,524	
Montana	71	-	-	-	-	-	-	-	71	-	-	-	71	-	71	
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nevada	-	-	-	-	-	-	-	156	156	-	-	-	-	43	156	
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New Jersey	26,505	-	-	12,700	231,729	-	1,980	1,191	274,105	-	-	-	-	-	274,105	
New Mexico	2,025	-	-	-	-	-	-	1,906	3,931	-	-	-	3,931	-	3,931	
New York	262,598	202,622	1,441,131	-	-	-	-	18,774	1,925,125	-	-	-	1,925,125	-	1,925,125	
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Dakota	594	-	-	-	-	-	-	1,125	1,719	-	-	-	1,024	393	1,667	
Ohio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oregon	-	-	4,474	5,382	-	-	-	1,118	11,136	-	-	-	10,882	254	11,136	
Pennsylvania	-	14,293	70,002	-	-	-	162	1,987	103,136	-	-	-	14,293	-	103,136	
Rhode Island	-	-	-	-	-	-	3,312	14,376	17,688	-	-	-	7,730	999	17,688	
South Carolina	2,941	-	595	-	-	-	270	3,436	7,242	-	-	-	2,953	-	7,242	
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tennessee	13,539	-	-	-	-	-	-	10,439	23,978	-	-	-	12,313	731	23,978	
Texas	5,514	-	-	-	2,446	-	-	19,223	27,183	-	-	-	-	25,805	25,805	
Utah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vermont	-	-	-	-	-	-	-	1,413	1,413	-	-	-	-	-	1,413	
Virginia	31,204	-	-	-	-	-	-	108	76,905	-	-	-	75,891	1,964	77,855	
Washington	152,990	-	-	117	126	-	-	155	153,388	-	-	-	87,301	8,323	146,896	
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wisconsin	68,467	-	-	-	-	-	-	9,580	78,047	-	-	-	76,180	768	78,047	
Wyoming	-	-	-	174	7	-	-	-	829	-	-	-	-	-	970	
Total	1,206,786	226,923	1,798,654	89,792	256,777	365,989	26,393	147,417	4,118,771	1,437,957	2,840,644	79,990	2,840,644	79,990	4,378,591	

<sup>1</sup> Table MF-1B includes transfers to local governments for transit purposes and transfers to operators. State transfers shown on Table MF-1B may not agree with receipts shown on Tables MF-2A and MF-2B for corresponding year. Tables MF-2A and MF-2B are generated from mass transit operator reports to the Federal Transit Administration while Table MF-1B is generated from State government reports to FHWA.  
<sup>2</sup> 1993 State highway finance data not reported for Kentucky and Massachusetts. Estimated by FHWA.

TRANSIT OPERATOR RECEIPTS AND DISBURSEMENTS FOR CAPITAL OUTLAY - 1992

COMPILED FROM THE RECORDS OF THE FEDERAL TRANSIT ADMINISTRATION (THOUSANDS OF DOLLARS) TABLE MT-2A OCTOBER 1993 DISBURSEMENTS

STATE 1	FEDERAL FUNDS				STATE FUNDS			LOCAL FUNDS <sup>3</sup>	MISCELLANEOUS OPERATOR RECEIPTS <sup>4</sup>	TOTAL RECEIPTS	CAPITAL OUTLAY
	FEDERAL TRANSIT ADMINISTRATION	FEDERAL HIGHWAY ADMINISTRATION	OTHER AGENCIES	HIGHWAY USER REVENUES <sup>2</sup>	OTHER IMPOSTS	OTHER STATE FUNDS					
Alabama	2,282	-	-	-	-	-	808	-	3,090	1,485	
Alaska	11	-	-	-	-	1	21	-	33	33	
Arizona	4,912	-	-	-	-	29	1,198	-	6,216	1,840	
Arkansas	1,428	-	-	-	-	131	226	77	1,785	1,857	
California	215,825	2,430	979	47,802	19,949	13,270	187,729	187,249	675,233	677,633	
Colorado	25,264	-	-	-	-	-	39,234	-	64,498	40,107	
Connecticut	60,547	-	-	-	-	21,291	979	-	82,817	411,642	
Delaware	-	-	-	627	-	307	-	-	934	38,950	
Dist. of Col.	205,327	-	235	-	-	15,539	25,143	14,237	260,481	330	
Florida	106,663	-	-	35	-	19,235	21,655	17	147,605	89,520	
Georgia	64,256	-	-	-	-	596	15,678	53,999	134,529	1,661	
Hawaii	13,385	-	-	-	-	-	5,650	-	19,035	180	
Idaho	53	-	-	-	-	3	27	-	83	2,770	
Illinois	259,936	-	-	-	461	40,425	263,036	35,818	599,676	7,662	
Indiana	16,976	-	-	-	4,155	59	1,747	502	23,439	72,004	
Iowa	3,318	-	-	-	1	95	1,045	5	4,464	23,921	
Kansas	2,063	-	-	-	-	5	511	-	2,579	3,791	
Kentucky	5,403	-	-	-	-	908	733	-	7,044	124,114	
Louisiana	25,938	-	-	-	-	317	1,121	3,213	30,589	6,048	
Maine	219	-	-	-	-	-	100	34	353	154,531	
Maryland	31,167	-	60,073	-	-	136,418	6,891	189	234,738	1,060	
Massachusetts	108,675	500	-	-	-	6,582	444	266,852	383,053	6,073	
Michigan	9,069	-	-	1,919	83	996	1,148	624	13,839	535,859	
Minnesota	7,207	55	-	-	-	135	2,286	1,923	11,606	15,561	
Mississippi	343	-	-	-	-	-	86	-	429	110,417	
Missouri	144,772	-	-	-	-	251	4,643	476	150,142	624	
Montana	2,726	-	-	-	-	-	765	77	3,568	101,249	
Nebraska	2,760	-	-	-	-	-	4	686	3,450	1,431	
Nevada	2,725	-	-	-	-	178	1,128	1	4,032	403	
New Hampshire	38	-	-	-	-	-	10	48	31	31	
New Jersey	104,559	-	-	-	815	63,805	5,699	-	174,878	3,435	
New Mexico	125	-	-	-	-	-	31	-	156	22,184	
New York	675,363	47	-	-	794	170,673	290,790	250,166	1,387,833	307,619	
North Carolina	13,388	-	-	35	-	1,712	2,322	4	17,426	22,115	
North Dakota	477	-	-	-	-	-	101	-	578	4,716	
Ohio	40,894	-	-	-	-	5,702	18,574	986	66,156	8,533	
Oklahoma	2,283	-	-	-	-	69	431	-	2,783	470	
Oregon	21,434	-	-	11	73	1,226	912	7,935	31,591	7,699	
Pennsylvania	170,224	8,759	-	-	20,999	90,626	22,464	3,811	316,883	902,422	
Rhode Island	3,523	-	-	-	-	813	-	-	4,336	400	
South Carolina	1,257	-	-	234	-	326	83	351	2,251	1,333	
South Dakota	138	-	-	-	-	-	35	-	173	45	
Tennessee	11,406	17,269	-	-	-	6,233	2,992	189	38,089	7,191	
Texas	63,262	-	-	-	-	1,756	57,747	83	122,848	37,620	
Utah	14,992	-	-	-	-	163	7,443	-	22,588	29	
Vermont	2,172	-	-	-	-	-	544	-	2,852	115	
Virginia	10,160	-	-	-	-	3,364	1,502	136	15,026	290	
Washington	19,620	4,270	-	14,447	39,917	1,547	72,746	-	152,547	18,943	
West Virginia	352	-	-	-	-	-	108	-	460	50,900	
Wisconsin	16,186	-	-	-	-	-	7,630	-	23,816	10,279	
Wyoming	210	17	-	-	-	9	2	-	238	221,750	
Total	2,495,313	33,347	61,287	65,075	87,247	604,785	1,076,202	829,640	5,252,896	4,060,875	

<sup>1</sup> Operators are classified by location of their headquarters. Receipts and disbursements of multistate operators are not split by State.  
<sup>2</sup> Includes tolls.  
<sup>3</sup> Includes taxes levied by special transportation districts.  
<sup>4</sup> Includes taxes directly levied by transit agencies, profits from charter service, advertising revenue, and private donations.

TRANSIT OPERATOR RECEIPTS AND DISBURSEMENTS FOR OPERATIONS - 1992

TABLE MT-2B  
APRIL 1994

(THOUSANDS OF DOLLARS)

COMPILED FROM THE RECORDS  
OF THE FEDERAL TRANSIT ADMINISTRATION

STATE <sup>1</sup>	PASSENGER FARES	MISCELLANEOUS OPERATOR RECEIPTS <sup>2</sup>	FEDERAL FUNDS			STATE FUNDS					LOCAL FUNDS <sup>4</sup>	TOTAL RECEIPTS	OPERATIONS DISBURSEMENTS
			FEDERAL TRANSIT ADMINISTRATION	OTHER AGENCIES	HIGHWAY-USER TAX REVENUES <sup>3</sup>	ROAD AND CROSSING TOLLS	OTHER IMPOSTS	OTHER STATE FUNDS					
Alabama	5,334	1,533	6,403	51	-	-	-	20	369	8,955	22,665	22,665	
Alaska	1,704	347	881	-	-	-	-	188	-	7,844	10,964	10,964	
Arizona	17,427	25,840	6,981	8	-	-	-	282	12,198	34,619	97,355	97,355	
Arkansas	1,343	824	2,574	207	-	-	-	99	40	2,040	7,215	7,215	
California	616,006	136,558	110,897	3,340	10,444	19,794	10,444	104,483	2,226	1,197,085	2,200,833	2,200,833	
Colorado	24,100	16,793	9,194	230	-	-	-	257	-	76,340	126,914	126,914	
Connecticut	22,070	2,006	13,081	115	-	-	-	46,772	42,299	5,790	132,133	132,133	
Delaware	3,538	808	1,950	-	-	-	3,218	5,578	83	45	15,220	15,220	
Dist. of Col.	293,256	20,949	16,070	37,380	-	-	-	113,939	-	184,644	666,238	666,238	
Florida	88,416	29,773	30,507	10,853	-	470	859	21,400	11,721	186,422	380,421	380,421	
Georgia	65,327	27,837	16,405	43	-	-	-	-	6	91,028	200,659	200,659	
Hawaii	19,535	5,765	3,561	-	-	-	-	-	-	71,394	100,255	100,255	
Idaho	322	96	1,044	-	-	-	-	24	3	1,382	2,871	2,871	
Illinois	528,115	135,528	54,658	479	-	-	-	551,358	6,256	41,264	1,317,658	1,317,658	
Indiana	21,129	6,710	14,656	213	-	-	-	16,153	64	18,506	77,431	77,431	
Iowa	4,247	1,834	4,245	-	-	-	-	2,002	-	10,999	23,427	23,427	
Kansas	1,610	532	2,995	25	-	-	-	-	80	4,607	9,849	9,849	
Kentucky	8,267	1,405	7,129	-	-	-	-	287	275	32,498	49,861	49,861	
Louisiana	40,265	6,173	11,228	1,359	-	-	-	7,110	-	46,195	112,330	112,330	
Maine	2,151	2,825	1,232	1,108	-	-	-	467	940	1,925	10,648	10,648	
Maryland	75,378	6,803	11,381	18	-	-	-	4,498	105,938	18,158	222,174	222,174	
Massachusetts	171,311	30,372	27,328	1,138	-	-	-	473,888	-	109,234	813,271	813,271	
Michigan	50,116	6,740	31,764	1,140	-	56,667	-	41,633	-	58,987	247,047	247,047	
Minnesota	36,857	10,756	8,825	42	-	-	-	4,432	-	69,284	130,196	130,196	
Mississippi	895	353	1,640	-	-	-	-	-	-	1,488	4,376	4,376	
Missouri	31,391	6,739	16,632	293	-	-	-	-	97	82,976	138,031	138,031	
Montana	395	296	707	17	-	-	-	-	-	1,838	3,368	3,368	
Nebraska	4,359	5,775	3,482	56	-	-	-	999	-	7,825	22,496	22,496	
Nevada	11,728	1,398	1,498	-	-	-	-	-	117	7,311	22,052	22,052	
New Hampshire	312	540	1,345	64	-	-	-	-	54	2,252	4,570	4,570	
New Jersey	485,032	38,580	38,432	14,286	-	-	-	237,276	75,786	3,968	893,360	893,360	
New Mexico	2,730	870	1,914	89	-	-	-	182	-	9,814	15,599	15,599	
New York	2,282,166	606,155	120,466	410	-	9,309	-	1,062,576	60	1,117,397	5,198,539	5,198,539	
North Carolina	12,836	2,799	9,810	96	-	328	-	1,127	22	20,441	47,459	47,459	
North Dakota	399	159	1,124	-	-	-	-	87	106	893	2,768	2,768	
Ohio	70,602	28,076	31,340	125	-	292	-	28,626	466	209,722	369,249	369,249	
Oklahoma	2,474	586	5,323	-	-	-	-	496	-	7,889	16,768	16,768	
Oregon	29,345	7,440	6,960	666	-	524	-	4,760	-	87,048	136,743	136,743	
Pennsylvania	326,575	37,616	48,210	188	-	-	-	345,921	92,132	81,151	931,793	931,793	
Rhode Island	6,201	479	6,291	-	-	-	-	12,200	-	-	25,171	25,171	
South Carolina	3,820	7,998	2,848	416	-	-	-	293	68	854	16,297	16,297	
South Dakota	410	50	797	-	-	-	-	-	-	1,851	3,108	3,108	
Tennessee	16,865	3,477	8,203	640	-	-	-	5,074	483	14,654	49,396	49,396	
Texas	91,315	133,630	22,654	536	-	-	-	2,154	91	550,500	800,880	800,880	
Utah	6,681	3,710	4,497	255	-	-	-	-	336	33,156	48,635	48,635	
Vermont	779	27	368	-	-	-	-	367	-	922	2,463	2,463	
Virginia	20,541	4,020	8,943	277	-	197	-	13,212	57	11,438	58,685	58,685	
Washington	78,376	81,959	9,390	296	-	14,241	-	59,970	(11,314)	311,102	544,020	544,020	
West Virginia	2,389	485	2,508	-	-	-	-	122	102	6,099	11,705	11,705	
Wisconsin	34,267	6,155	12,535	1,576	-	633	-	55,395	-	17,140	127,701	127,701	
Wyoming	-	82	350	43	-	-	-	2	-	1,641	2,118	2,118	
Total	5,620,707	1,458,261	763,356	78,078	-	102,561	14,521	3,225,725	341,161	4,870,615	16,474,985	16,474,985	

<sup>1</sup> Operators are classified by location of their headquarters. Receipts and disbursements of multistate operators are not split by State.  
<sup>2</sup> Includes taxes directly levied by transit agencies, profits from charter service, advertising revenue, and private donations.  
<sup>3</sup> Includes tolls.  
<sup>4</sup> Includes taxes levied by special transportation districts.

DISPOSITION OF LOCAL GOVERNMENT RECEIPTS FROM STATE AND LOCAL HIGHWAY-USER IMPOSTS, INCLUDING TOLLS - 1992<sup>1</sup>

TABLE 1DF  
SEPTEMBER 1994

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS (THOUSANDS OF DOLLARS)

STATE	STATE MOTOR-FUEL AND MOTOR-VEHICLE RECEIPTS TRANSFERRED TO LOCAL GOVERNMENTS <sup>2</sup>				LOCAL MOTOR-FUEL AND MOTOR-VEHICLE RECEIPTS				LOCAL TOLL REVENUES			
	RECEIPTS AVAILABLE FOR DISTRIBUTION	FOR HIGHWAY PURPOSES	FOR MASS TRANSIT PURPOSES	FOR LOCAL GENERAL PURPOSES	RECEIPTS AVAILABLE FOR DISTRIBUTION	FOR HIGHWAY PURPOSES	FOR MASS TRANSIT PURPOSES	FOR LOCAL GENERAL PURPOSES	RECEIPTS AVAILABLE FOR DISTRIBUTION	FOR HIGHWAY PURPOSES	FOR MASS TRANSIT PURPOSES	FOR LOCAL GENERAL PURPOSES
Alabama	182,571	182,571	-	-	20,858	20,858	-	-	-	-	-	-
Alaska	-	-	-	-	4,222	4,222	-	-	-	-	-	-
Arizona	320,463	320,463	-	-	570	570	-	-	-	-	-	-
Arkansas	119,131	-	-	-	-	-	-	-	-	-	-	-
California	2,980,656	888,710	782,388	1,309,558	-	-	-	-	55,504	16,959	38,545	-
Colorado	155,696	155,696	-	-	-	-	-	-	2,184	2,184	-	-
Connecticut	29,887	29,887	-	-	-	-	-	-	-	-	-	-
Delaware	3,000	3,000	-	-	-	-	-	-	-	-	-	-
Florida	262,413	262,413	-	-	414,462	390,015	-	24,447	25,550	19,941	-	5,609
Georgia	1,631	1,631	-	-	6,659	6,659	-	-	-	-	-	-
Hawaii	34,757	34,757	-	-	37,431	17,071	20,360	-	-	-	-	-
Idaho	70,665	70,665	-	-	2,510	2,510	-	-	-	-	-	-
Illinois	405,650	405,650	-	-	276,151	194,782	81,369	-	25,166	24,509	-	657
Indiana	291,414	291,414	-	-	28,610	28,610	-	-	-	-	-	-
Iowa	369,157	369,157	-	-	-	-	-	-	921	898	-	23
Kansas	103,765	103,765	-	-	-	-	-	-	-	-	-	-
Kentucky	106,479	106,479	-	-	1,203	1,203	-	-	-	-	-	-
Louisiana	3,964	3,964	-	-	-	-	-	-	6,996	6,696	-	300
Maine	19,444	19,444	-	-	1,349	1,349	-	-	-	-	-	-
Maryland	257,054	257,054	-	-	-	-	-	-	-	-	-	-
Massachusetts	86,473	86,473	-	-	-	-	-	-	-	-	-	-
Michigan	580,726	580,726	-	-	-	-	-	-	752	720	-	32
Minnesota	376,613	376,613	-	-	-	-	-	-	-	-	-	-
Mississippi	55,743	55,743	-	-	3,319	3,319	-	-	-	-	-	-
Missouri	122,288	122,288	-	-	7,429	7,429	-	-	770	533	-	237
Montana	21,844	21,844	-	-	-	-	-	-	-	-	-	-
Nebraska	83,929	77,062	-	6,867	7,821	7,821	-	-	893	893	-	-
Nevada	41,393	41,393	-	-	30,306	30,306	-	-	-	-	-	-
New Hampshire	398	398	-	-	68,625	68,625	-	68,625	-	-	-	-
New Jersey	58,562	58,562	-	-	-	-	-	-	-	-	-	-
New Mexico	49,565	30,656	-	18,909	3,090	3,090	-	-	18,810	18,759	-	51
New York	27,287	27,287	-	-	58,783	13,469	45,314	-	670,826	283,347	382,115	5,364
North Carolina	82,080	82,080	-	-	10,165	10,165	-	-	-	-	-	-
North Dakota	40,688	40,688	-	-	-	-	-	-	-	-	-	-
Ohio	633,545	633,545	-	-	-	-	-	-	-	-	-	-
Oklahoma	154,028	151,640	-	2,388	-	-	-	-	-	-	-	-
Oregon	201,258	201,258	-	-	9,541	9,541	-	-	2,348	1,755	-	593
Pennsylvania	241,705	241,705	-	-	26,458	26,458	-	-	17	17	-	-
Rhode Island	90	90	-	-	-	-	-	-	-	-	-	-
South Carolina	19,324	18,453	-	871	-	-	-	-	-	-	-	-
South Dakota	27,438	27,438	-	-	-	-	-	-	-	-	-	-
Tennessee	229,254	229,254	-	-	1,811	1,811	-	-	10	10	-	-
Texas	133,826	133,826	-	-	35,208	25,496	-	9,712	102,930	83,539	-	19,391
Utah	50,492	50,492	-	-	102,388	102,388	-	-	-	-	-	-
Vermont	21,202	21,202	-	-	-	-	-	-	-	-	-	-
Virginia	182,505	169,388	-	13,117	104,140	88,275	15,865	-	16,174	16,174	-	-
Washington	260,111	260,111	-	-	26,613	26,613	-	-	1,400	1,400	-	-
West Virginia	-	-	-	-	775	775	-	-	1,116	1,116	-	-
Wisconsin	246,561	246,561	-	-	560	560	-	-	64	64	-	-
Wyoming	10,399	10,399	-	-	-	-	-	-	-	-	-	-
Total	9,757,124	7,623,026	782,388	1,351,710	1,304,166	1,038,474	117,594	148,098	932,431	479,514	420,660	32,257

<sup>1</sup> This table summarizes local governments' receipts from motor-fuel taxes, motor-vehicle fees, and special imposts on motor carriers, and tolls. This table includes receipts from State imposts that are transferred to local governments for distribution. Data for some States have been estimated by FHWA. See Table LGF-1 for details.

<sup>2</sup> Differences between amounts shown here and in last year's Highway Statistics Tables DF and SF-5A are caused by State delays in transferring revenues dedicated to local governments, and by local governments' reallocations of State funds.

LOCAL GOVERNMENT FUNDING FOR HIGHWAYS - SUMMARY - 1992

TABLE LGF-21  
SEPTEMBER 1994

COMPILED FROM REPORTS OF  
STATE AND LOCAL GOVERNMENTS

Table with columns: STATE, LOCAL HIGHWAY-USER TAX REVENUES, ROAD AND CROSSING TOLLS, APPROPRIATIONS FROM GENERAL FUNDS, PROPERTY TAXES, OTHER LOCAL IMPOSITS, MISCELLANEOUS INCOME, BOND PROCEEDS, PAYMENTS FROM STATE GOVERNMENT, FEDERAL GOVERNMENT, TOTAL RECEIPTS, CAPITAL OUTLAY, MAINTENANCE AND TRAFFIC SERVICES, ADMINISTRATION HIGHWAY POLICE AND SAFETY, INTEREST, BOND RETIREMENT, PAYMENTS TO STATES, TOTAL DISBURSEMENTS.

This table is one of a series on Local Highway Finance. Table LGF-21 summarizes the receipts and disbursements of local governments for highways. Data for some States have been estimated by FHWA. See Table LGF-1 for details.  
The amounts shown are identical with the receipts allocated for highways shown on Table LDF. See Table LDF for allocations for mass transportation, and nonhighway purposes.  
Bonds issued for and retired by refunding are excluded. See Table LGB-2 for further information on the status of local highway debt.

REVENUES USED BY LOCAL GOVERNMENTS FOR HIGHWAYS - 1992<sup>1</sup>

TABLE LGF-1  
 COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS  
 (THOUSANDS OF DOLLARS)  
 SEPTEMBER 1994

STATE	LOCAL HIGHWAY-USER REVENUES <sup>3</sup>	ROAD AND CROSSING TOLLS <sup>3</sup>	APPROPRIATIONS FROM GENERAL FUNDS	PROPERTY TAXES AND SPECIAL ASSESSMENTS	OTHER LOCAL IMPOSTS	MISCELLANEOUS	BOND PROCEEDS <sup>2</sup>		PAYMENTS FROM OTHER GOVERNMENTS				TOTAL RECEIPTS	
							ORIGINAL ISSUES	REFUNDING ISSUES	HIGHWAY-USER IMPOSTS <sup>3</sup>	STATE	FHWA	OTHER		FEDERAL
Alabama	20,858	-	61,378	103,673	-	20,859	14,233	-	182,571	42	-	-	1,591	405,205
Alaska	7,352	-	52,740	3,053	-	3,053	55,096	-	-	21,806	-	-	409	144,598
Arizona <sup>5</sup>	570	-	116,045	6,268	113,836	15,878	254,366	-	320,463	-	-	-	8,793	836,219
Arkansas <sup>5</sup>	-	-	23,577	36,749	22,605	35,844	1,414	-	119,131	1,212	-	-	7,155	247,687
California	-	16,959	977,796	196,283	135,686	1,229,859	179,007	4,750	888,710	-	-	-	108,586	3,926,584
Colorado	129,226	2,184	89,968	89,968	78,663	30,111	79,254	-	155,696	1,769	-	-	9,904	624,493
Connecticut <sup>5</sup>	13,109	-	201,674	137	-	30,111	4,000	-	29,887	1,741	-	-	-	280,659
Delaware <sup>4,5</sup>	-	-	15,336	256	-	346	3,855	-	3,000	100	-	-	-	22,893
Florida <sup>5</sup>	390,015	19,941	184,049	154,848	162,029	120,312	183,846	1,690	262,413	201,389	-	-	4,190	1,522,693
Georgia <sup>5</sup>	6,659	-	356,362	1,290	-	20,622	34,031	-	1,631	839	-	-	2,277	585,740
Hawaii	17,071	-	18,274	-	2,554	7,381	15,540	-	34,757	184	986	-	9,047	105,794
Idaho	2,510	-	2,334	-	-	12,989	-	-	70,665	5,821	512	-	10,390	140,124
Illinois <sup>5</sup>	194,782	24,509	116,156	238,501	-	109,067	99,940	-	405,650	10,264	-	-	31	1,198,900
Indiana <sup>5</sup>	28,610	-	71,259	38,298	-	38,055	2,734	-	291,414	25,701	-	-	6,057	502,128
Iowa	-	898	5,910	128,834	2,902	11,865	117,883	-	369,157	8,812	-	-	18,341	664,602
Kansas <sup>5</sup>	-	-	369,210	134,603	17,472	11,620	26,676	-	103,765	9,802	-	-	623	673,771
Kentucky <sup>5</sup>	1,203	-	76,002	2,715	-	6,563	37,170	-	106,479	8,663	-	-	6,551	245,346
Louisiana <sup>5</sup>	-	6,696	75,279	156,543	106,323	28,673	41,153	-	3,964	24,010	-	-	17,528	460,169
Maine	-	-	113,246	-	-	10,784	3,347	-	19,444	412	-	-	2,079	138,528
Maryland <sup>5</sup>	1,349	-	431,279	26,618	6,543	10,784	142,113	-	257,054	13,544	34,359	-	29,984	953,627
Massachusetts <sup>5</sup>	-	-	351,749	2,380	-	3,658	23,420	-	86,473	8,919	-	-	4,968	491,567
Michigan	-	720	151,590	23,647	-	145,608	33,456	-	580,726	12,156	-	-	63,851	1,011,754
Minnesota	-	-	305,702	341,485	-	61,697	107,433	-	376,613	197,121	-	-	1,109	1,391,160
Mississippi <sup>5</sup>	3,319	-	91,969	63,589	-	5,814	52,241	-	5,743	9,749	-	-	9,749	285,025
Missouri	7,429	533	87,903	98,576	165,922	41,483	25,172	-	122,288	26,243	36,261	-	360	612,170
Montana <sup>5</sup>	-	-	7,634	8,820	26,625	624	606	-	21,844	13,865	-	-	5,857	85,875
Nebraska	7,821	893	23,049	129,941	9,517	10,641	18,207	11,980	77,062	38,604	28,188	-	2,583	358,586
Nevada <sup>5</sup>	30,306	-	-	2,626	-	251	6,738	20,000	41,393	15,466	-	-	173	101,487
New Hampshire <sup>5</sup>	-	-	117,233	-	-	-	2,278	-	398	-	-	-	212	135,587
New Jersey <sup>5</sup>	-	18,759	454,943	-	-	1,896	6,098	-	58,562	-	-	-	-	540,258
New Mexico <sup>5</sup>	3,090	-	42,083	4,804	-	3,597	-	-	30,656	1,397	-	-	952	86,579
New York <sup>5</sup>	13,469	283,347	1,355,534	557,927	-	119,854	943,131	10,981	27,287	411,582	-	-	32,247	3,755,359
North Carolina	10,165	-	213,245	2,476	5,738	12,942	72,864	-	82,080	-	-	-	480	399,990
North Dakota <sup>5</sup>	-	-	12,089	43,275	72	3,740	10,669	-	40,688	9,151	-	-	2,289	121,973
Ohio	-	-	106,843	178,809	35,520	73,252	32,079	3,391	633,545	807	-	-	8,823	1,073,069
Oklahoma	-	-	77,266	10,647	-	32,280	54,236	-	151,640	19,858	-	-	2,616	348,543
Oregon	9,541	1,755	30,707	41,634	-	62,259	2,865	-	201,258	5,921	-	-	112,535	468,475
Pennsylvania <sup>5</sup>	26,458	17	247,710	238,526	-	194,668	14,400	-	241,705	180,894	20,987	-	2,156	1,164,521
Rhode Island <sup>5</sup>	-	-	38,770	12	-	-	1,931	-	90	12	-	-	-	40,815
South Carolina	-	-	66,735	6,912	1,708	-	1,960	-	18,453	5,568	-	-	1,676	103,012
South Dakota	1,811	-	86,998	15,776	-	1,637	6,476	-	27,438	3,609	-	-	1,375	145,120
Tennessee	25,496	10	45,282	49,827	-	2,531	171	-	229,254	2,479	-	-	2,858	351,908
Texas	102,388	83,539	969,009	886,501	-	306,810	286,568	-	133,826	-	-	-	14,465	2,783,106
Utah	-	-	88,438	-	-	2,000	-	-	50,492	-	465	-	-	150,345
Vermont <sup>5</sup>	-	-	1,917	65,073	-	-	1,000	-	21,202	-	-	-	525	89,717
Virginia <sup>4</sup>	88,275	16,174	199,458	8,592	10,803	40,167	139,787	143,117	169,388	38,486	-	-	1,479	817,240
Washington	26,613	1,400	64,398	242,539	64,134	38,132	27,236	-	260,111	-	24,298	-	33,356	820,703
West Virginia <sup>4</sup>	775	1,116	84,712	-	753	3,670	-	-	1,663	972	-	-	972	93,661
Wisconsin	560	64	544,514	225,072	-	15,463	157,964	-	246,561	9,031	7,318	-	1,512	1,208,069
Wyoming	-	-	49,297	-	-	-	-	-	10,399	4,178	-	-	1,641	65,515
Total	1,038,474	479,514	9,278,520	4,643,713	969,405	2,976,394	3,324,644	195,909	7,623,026	1,333,566	354,469	-	563,405	32,781,039

<sup>1</sup> Tables LGF-1 and LGF-2 summarize the receipts and disbursements for highways by local governments, including toll facilities. See Table LGF-21 for general note on local series.  
<sup>2</sup> Excludes proceeds from the sale of short term issues (notes). See Table LCB-2 for additional information on local government debt for roads and streets.  
<sup>3</sup> See Table LDF for gross receipts and distributions of highway-user revenues, including local toll receipts.  
<sup>4</sup> In these States, most local roads and streets are under State control. Expenditures on these roads are included in State Highway Finance Table series.  
<sup>5</sup> Estimated by FHWA. Local government reporting is optional in even numbered years.



LOCAL GOVERNMENT OBLIGATIONS FOR HIGHWAYS - 1992  
CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>

TABLE LGB-2  
SEPTEMBER 1994

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS (THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR <sup>2</sup>	LONG TERM DEBT					SHORT TERM DEBT					OBLIGATIONS OUTSTANDING END OF YEAR
		BONDS OUTSTANDING BEGINNING OF YEAR <sup>2</sup>	ISSUED	REFUNDING ISSUES	BY CURRENT REVENUES OR SINKING FUNDS	BY REFUNDING	BONDS OUTSTANDING END OF YEAR	NOTES OUTSTANDING BEGINNING OF YEAR <sup>2</sup>	ISSUED	RETIRED	NOTES OUTSTANDING END OF YEAR	
Alabama	112,249	100,094	14,233	-	9,271	-	105,056	33,360	21,897	23,618	128,674	
Alaska	238,051	237,754	55,096	-	8,627	-	284,223	-	66	231	284,454	
Arizona <sup>4</sup>	562,029	562,369	254,366	-	299,176	-	507,559	14,563	5,170	19,043	526,602	
Arkansas <sup>4</sup>	15,362	15,362	1,414	-	449	-	16,327	-	-	-	16,327	
California	753,877	753,580	179,007	5,070	30,743	4,600	902,314	65	110	262	902,566	
Colorado	964,960	964,151	84,360	-	62,621	-	985,890	849	374	1,284	987,174	
Connecticut <sup>4</sup>	82,136	75,059	4,000	-	14,715	-	64,344	1,800	6,582	2,295	66,639	
Delaware <sup>3,4</sup>	8,158	7,649	3,855	-	3,948	-	7,556	-	58	451	8,007	
Florida <sup>4</sup>	831,677	812,334	183,810	1,890	61,650	1,690	934,694	24,743	22,432	21,654	956,348	
Georgia <sup>4</sup>	152,161	152,161	34,031	-	34,338	-	151,854	-	-	-	151,854	
Hawaii	101,273	101,273	13,083	-	6,585	-	107,771	-	-	-	107,771	
Idaho	11,372	11,372	-	-	545	-	10,827	-	-	-	10,827	
Illinois <sup>4</sup>	254,064	252,155	99,240	-	7,076	-	345,019	14,563	15,354	1,108	346,127	
Indiana <sup>4</sup>	62,649	62,649	2,734	-	6,912	-	58,471	-	-	-	58,471	
Iowa	294,029	294,029	117,883	-	35,258	-	358,654	-	-	-	358,654	
Kansas <sup>4</sup>	230,468	230,370	25,390	-	35,419	-	220,341	-	49	49	220,390	
Kentucky <sup>4</sup>	15,963	14,671	37,170	-	1,980	-	49,861	324	675	941	50,802	
Louisiana <sup>4</sup>	461,648	461,648	41,153	-	29,958	-	472,843	-	-	-	472,843	
Maine	59,759	59,643	3,347	-	4,698	-	58,292	-	48	68	58,360	
Maryland <sup>4</sup>	853,472	845,081	142,082	-	314,016	81,945	591,202	1,081	531	8,941	600,143	
Massachusetts <sup>4</sup>	125,444	110,246	23,534	-	13,108	-	120,672	9,250	11,312	13,336	134,008	
Michigan	212,716	212,716	33,456	-	25,114	-	221,068	-	-	-	221,068	
Minnesota	740,794	726,468	107,634	-	116,895	-	717,207	3,083	2,860	14,549	731,756	
Mississippi <sup>4</sup>	240,972	224,194	52,241	-	23,297	-	253,138	25,889	9,638	33,029	286,167	
Missouri	150,733	150,733	26,172	-	19,807	-	156,098	-	-	-	156,098	
Montana <sup>4</sup>	22,709	22,709	438	-	1,723	-	21,424	-	-	-	21,424	
Nebraska	224,648	212,199	18,207	11,980	27,120	12,694	202,572	2,241	5,520	9,170	211,742	
Nevada <sup>4</sup>	166,813	166,813	6,738	20,000	2,025	20,000	171,526	-	-	-	171,526	
New Hampshire <sup>4</sup>	28,239	23,135	2,278	-	933	-	24,480	339,802	1,456	3,648	28,128	
New Jersey <sup>4</sup>	229,689	21,473	6,810	-	14,578	-	13,705	-	-	-	229,571	
New Mexico <sup>4</sup>	37,479	37,479	-	-	2,014	-	35,465	-	-	-	35,465	
New York <sup>4</sup>	3,094,081	2,874,809	943,131	10,981	167,183	10,820	3,650,918	136,917	83,465	272,724	3,923,642	
North Carolina	283,706	283,706	72,864	-	17,703	-	338,867	3,610	3,000	610	339,477	
North Dakota <sup>4</sup>	100,949	100,892	10,669	-	13,499	-	98,062	93	87	63	98,125	
Ohio	356,464	195,937	32,079	3,391	22,608	3,391	205,408	67,811	57,491	160,847	366,255	
Oklahoma	135,919	108,701	54,236	-	51,447	-	111,490	-	13,024	14,194	125,684	
Oregon	115,486	108,147	2,865	-	17,755	-	93,257	9,565	4,106	12,798	106,055	
Pennsylvania <sup>4</sup>	116,959	116,959	14,400	-	17,747	-	113,622	-	-	-	113,622	
Rhode Island <sup>4</sup>	20,526	18,735	1,931	-	1,898	-	19,068	-	-	-	22,649	
South Carolina	10,327	10,327	1,961	-	824	-	11,464	-	-	-	11,464	
South Dakota	16,141	16,141	6,476	-	1,813	-	20,804	-	-	-	20,804	
Tennessee	106,682	97,858	171	-	9,522	-	88,507	753	2,202	7,375	95,882	
Texas	4,622,455	4,622,455	286,568	-	243,762	-	4,665,261	-	-	-	4,665,261	
Utah	-	-	1,000	-	4,593	-	4,044	343	127	646	4,690	
Vermont <sup>4</sup>	8,067	7,637	139,788	147,829	32,752	150,666	800,762	-	-	5,300	806,062	
Virginia <sup>3</sup>	701,863	282,485	27,236	-	42,618	-	267,103	-	-	-	267,103	
Washington	282,485	17,143	1,295	-	110,350	-	15,848	-	-	-	15,848	
West Virginia <sup>3</sup>	17,143	628,937	157,964	-	110,350	-	676,551	3,720	3,891	2,557	679,108	
Wisconsin	631,665	2,642	-	-	1,159	-	1,483	-	-	-	1,483	
Wyoming	2,642	2,642	-	-	-	-	-	-	-	-	-	
Total	18,869,363	18,101,653	3,326,801	201,141	1,990,827	285,806	19,352,962	686,262	603,744	850,228	20,203,190	

<sup>1</sup> This table summarizes the change in status of the highway obligations of county and township governments including toll authorities. See Table LGF-21 for general note on local highway finance series.  
<sup>2</sup> Any difference between amount outstanding at beginning of the year and the amount outstanding at the end of the previous year may have resulted from accounting adjustments.  
<sup>3</sup> Most local roads and streets are under State control in Delaware, North Carolina, Virginia and West Virginia.  
<sup>4</sup> Estimated by FHWA.



**CHANGE IN INDEBTEDNESS DURING YEAR<sup>1</sup>  
LOCAL TOLL FACILITIES - 1992**

TABLE LGB-2T  
SEPTEMBER 1994

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS OF  
OF LOCAL AUTHORITIES

STATE	NAME OF FACILITY	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED			OBLIGATIONS RETIRED			OBLIGATIONS OUTSTANDING END OF YEAR
			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	BY CURRENT REVENUES OR SINKING FUNDS	BY REFUNDING	TOTAL	
California	Murray Road Toll Bridge	4,600	-	5,070	-	-	4,600	4,600	5,070
Colorado	E-470 Beltway	724,020	-	-	-	131	-	131	723,889
Florida	Biscayne Key (Rickenbacker) Causeway	15,010	-	-	-	1,130	-	1,130	13,880
	Broad Causeway	2,865	-	-	-	55	-	55	2,810
	Cape Coral Bridge; Samibel Bridge & Causeway	85,220	-	-	-	1,200	-	1,200	84,020
	Card Sound Toll Bridge	10	-	-	-	10	-	10	-
	Clearwater Toll Bridge	2,459	-	-	-	166	-	166	2,293
	Park Boulevard Bridge <sup>3</sup>	2,855	-	-	-	2,855	-	2,855	-
	Treasure Island Causeway	1,810	-	1,890	-	120	1,690	1,810	1,890
	Total	110,229	-	1,890	-	5,536	1,690	7,226	104,893
Illinois	Calumet Skyway Toll Bridge (Chicago Skyway)	90,195	-	-	-	-	-	-	90,195
	McKinley Bridge	7,560	-	-	-	1,066	-	1,066	6,494
	Rock Island Centennial Bridge	510	-	-	-	250	-	250	260
	Total	98,265	-	-	-	1,316	-	1,316	96,949
Iowa	MacArthur (Burlington) Bridge	114	-	-	-	114	-	114	-
Louisiana	Greater New Orleans Expressway <sup>4</sup>	60,015	-	-	-	895	-	895	59,120
Missouri	Platte Purchase Bridge	1,250	-	-	-	190	-	190	1,060
Nebraska	Bellevue Bridge	2,800	-	-	-	-	-	-	2,800
	Burt County Missouri River (Decatur) Bridge	673	4	-	4	3	-	3	674
	Total	3,473	4	-	4	3	-	3	3,474
New Jersey	Cape May County Bridges	4,615	-	-	-	310	-	310	4,305
	Tacony-Palmyra and Burlington-Bristol Bridges	7,970	-	-	-	7,970	-	7,970	-
	Total	12,585	-	-	-	8,280	-	8,280	4,305
New York	Atlantic Beach Bridge	2,245	-	-	-	70	-	70	2,175
	Triborough Bridges and Tunnels <sup>5</sup>	401,150	-	10,981	10,981	7,817	10,820	18,637	393,494
	Total	403,395	-	10,981	10,981	7,887	10,820	18,707	395,669
Oregon	Cascade Locks Bridge	2,905	-	-	-	140	-	140	2,765
	Hood River - White Salmon Bridge	1,490	-	-	-	250	-	250	1,240
	Total	4,395	-	-	-	390	-	390	4,005
Texas	Cameron County International Toll Bridge	3,835	7,025	-	7,025	55	-	55	10,805
	Del Rio International Bridge	3,450	1,870	-	1,870	105	-	105	5,215
	Eagle Pass-Piedras Negras International Bridge	1,700	-	-	-	40	-	40	1,660
	El Paso International Bridge	4,075	3,000	-	3,000	160	-	160	6,915
	Harris County Toll Road	1,107,618	1,447	-	1,447	1,192	-	1,192	1,107,873
	Laredo-Nuevo Laredo International Bridge	20,265	-	-	-	662	-	662	19,603
	McAllen International Toll Bridge	3,915	-	-	-	545	-	545	3,370
Roma International Toll Bridge	5,303	-	-	-	126	-	126	5,177	
San Luis Pass-Vacek Bridge	950	-	-	-	200	-	200	750	
	Total	1,151,111	13,342	-	13,342	3,085	-	3,085	1,161,368
Virginia	Richmond Expressway System	134,535	28,762	-	157,620	2,840	13,169	134,535	157,620
West Virginia	Parkersburg Bridge	3,605	-	-	-	507	-	507	3,098
Total		2,711,592	42,108	146,799	188,907	31,174	148,805	179,979	2,720,520

<sup>1</sup> This table summarizes the debt status of publicly owned toll facilities operated by local governments, local road and bridge districts and specially created authorities. Only facilities with outstanding bonds are included.  
<sup>2</sup> Amounts in this column include all funds available for future principal and interest payments.  
<sup>3</sup> Park Boulevard Bridge freed in 1991.  
<sup>4</sup> Reclassified as a State facility, and will be shown in Table SF-4B in future years.  
<sup>5</sup> Facility is also responsible for approximately \$ 2.4 billion of bonds issued for mass transit purposes.

RECEIPTS OF LOCAL TOLL FACILITIES - 1992<sup>1</sup>

TABLE LGF-3B  
SHEET 1 OF 2  
SEPTEMBER 1994

COMPILED FROM REPORTS  
OF LOCAL AUTHORITIES

( THOUSANDS OF DOLLARS )

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCE BEGINNING OF YEAR	ROAD AND CROSSING TOLLS	CONCESSIONS AND RENTALS	NET INCOME FROM INVESTMENTS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
California	Foothill/Eastern Toll Roads	Foothill/Eastern Transportation Corridor Agency	21,275	-	-	1,474	36,414	-	37,888
	Golden Gate Bridge	Golden Gate Bridge and Highway District	26,074	54,365	-	1,300	22,506	-	78,171
	Murray Road Toll Bridge	City of OceanSide	661	1,139	-	30	-	4,750	5,919
	San Joaquin Hills Toll Road	San Joaquin Hills Transportation Corridor Agency	12,883	-	-	847	18,503	-	19,350
	Total		60,893	55,504	-	3,651	77,423	4,750	141,328
Colorado	E-470 Beltway	E-470 Public Highway Authority	666,460	703	-	26,368	5,163	-	32,234
	Pikes Peak Toll Highway	City of Colorado Springs	1,206	1,482	-	70	8	-	1,560
Florida	Total		667,666	2,185	-	26,438	5,171	-	33,794
	Biscayne Key (Rickenbacker) Causeway	Dade County Port Authority	2,690	3,723	-	279	498	-	4,500
	Broad Causeway	Town of Bay Harbor Islands	-	2,270	-	-	-	-	2,270
	Cape Coral Bridge, Sambil Bridge & Causeway	Lee County	30,430	15,020	-	870	109	-	15,999
	Card Sound Toll Bridge	Monroe County	2,233	841	-	102	-	-	943
	Clearwater Toll Bridge	City of Clearwater	4,843	1,565	-	158	-	-	1,723
	Park Boulevard Bridge 2	City of Clearwater	-	-	-	-	-	-	2,855
	Treasure Island Causeway	City of Treasure Island	930	1,455	-	220	21	1,890	3,586
	Venetian Causeway	Dade County Port Authority	-	677	-	-	76	-	753
	Total		41,126	26,551	-	1,629	3,559	1,890	32,629
Illinois	Calumet Skyway Toll Bridge (Chicago Skyway)	City of Chicago	10,504	19,461	16	290	6	-	19,773
	McKinley Bridge	City of Venice	1,833	2,744	250	63	30	-	3,087
	New Harmony Bridge	White County Bridge Commission	100	387	3	5	-	-	395
	Rock Island Centennial Bridge	City of Rock Island	1,691	2,574	-	104	-	-	2,678
	Total		14,128	25,166	269	462	36	-	25,933
Iowa	MacArthur (Burlington) Bridge	City of Burlington	2,928	921	-	185	15	-	1,121
Louisiana	Greater New Orleans Expressway 3	Greater New Orleans Expressway Commission	27,430	6,996	-	1,107	3,974	-	12,077
Michigan	Ironton Ferry	Charlevoix County Road Commission	93	100	-	-	10	-	110
	St. Mary's River Ferry System	Eastern Upper Peninsula Transportation Authority	-	652	-	-	625	-	1,277
Missouri	Total		93	752	-	-	635	-	1,387
	Platte Purchase Bridge	Platte County	165	386	26	1	-	-	413
	St. Francisville Bridge	Wayland Special Road District	282	385	-	15	1	-	401
Nebraska	Total		447	771	26	16	1	-	814
	Bellevue Bridge 4	Bellevue Bridge Commission	186	588	2	7	-	-	597
	Burt County Missouri River (Decatur) Bridge	Burt County Bridge Commission	174	304	8	8	-	4	324
New Jersey	Total		360	892	10	15	-	4	921
	Cape May County Bridges	Cape May Bridge Commission	9,711	2,984	-	513	74	-	3,571
Tacony-Palmira and Burlington-Bristol Bridges	Burlington County Bridge Commission	16,720	15,827	-	654	656	-	17,137	
New York	Total		26,431	18,811	-	1,167	730	-	20,708
	Atlantic Beach Bridge	Nassau County Bridge Authority	3,826	2,889	-	131	1	-	3,021
	Battery Station Island Ferry 5	City of New York	-	4,080	1,175	-	29,563	-	34,818
	Triborough Bridges and Tunnels	Triborough Bridge and Tunnel Authority	665,004	663,857	7,406	27,843	-	10,981	710,087
	Total		668,830	670,826	8,581	27,974	29,564	10,981	747,926

RECEIPTS OF LOCAL TOLL FACILITIES - 1992<sup>1</sup>

TABLE LGF-3B  
SHEET 2 OF 2  
SEPTEMBER 1994

COMPILED FROM REPORTS  
OF LOCAL AUTHORITIES

( THOUSANDS OF DOLLARS )

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCE BEGINNING OF YEAR	ROAD AND CROSSING TOLLS	CONCESSIONS AND RENTALS	NET INCOME FROM INVESTMENTS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
Oregon	Buena Vista Ferry	Polk County Road Department	-	9	-	-	62	-	71
	Canby Ferry	Clackamas County Road Department	-	81	-	-	214	-	295
	Cascade Locks Bridge	Port of Cascade Locks Commission	-	674	-	-	370	-	1,044
	Hood River - White Salmon Bridge	Port of Hood River Commission	-	1,419	-	-	-	-	1,419
	Wheatland Ferry	Marion County Road Department	-	166	-	-	114	-	280
	Total		-	2,349	-	-	760	-	3,109
Pennsylvania	Fredericktown Ferry	Fayette/Washington County Joint Ferry Service	5	17	-	-	-	-	17
Tennessee	Satfillo Ferry	Hardin County Highway Department	-	10	-	-	53	-	63
Texas	Cameron County International Toll Bridge	Cameron County	4,282	4,021	-	171	335	7,025	11,552
	Del Rio International Bridge	City of Del Rio	1,253	1,530	-	50	125	1,870	3,575
	Eagle Pass-Piedras Negras International Bridge	City of Eagle Pass	3,247	3,016	-	130	13	-	3,159
	El Paso International Bridge	City of El Paso	-	7,725	-	-	-	3,000	10,725
	Harris County Toll Road	Harris County Toll Road Authority	215,722	67,325	-	8,629	41,533	1,447	118,934
	Laredo-Nuevo Laredo International Bridge	City of Laredo	6,829	12,710	-	273	260	-	13,243
	McAllen International Toll Bridge	City of McAllen	7,092	5,270	-	284	437	-	5,991
	Roma International Toll Bridge	Starr County	586	894	-	23	477	-	1,394
	San Luis Pass-Vacek Bridge	Galveston County	2,028	439	-	81	379	-	899
	Total		241,039	102,930	-	9,641	43,559	13,342	169,472
Virginia	Richmond Expressway System	Richmond Metropolitan Authority	25,894	15,391	-	1,896	57	152,908	170,252
	South Norfolk Bridge	City of Chesapeake	49	783	-	-	61	-	844
	Total		25,943	16,174	-	1,896	118	152,908	171,096
Washington	Guemes Island Ferry	Skagit County	-	329	-	-	316	-	645
	Lummi Island-Gooseberry Point Ferry	Whatcom County	-	424	-	-	373	-	797
	Puget Island Ferry	Wahkiacum County	-	112	-	-	242	-	354
	Steilacoom (Tacoma-McNeill-Anderson) Ferry	Pierce County	-	535	-	-	644	-	1,179
	Total		-	1,400	-	-	1,575	-	2,975
West Virginia	Parkersburg Bridge	City of Parkersburg	738	1,116	-	18	-	-	1,134
Wisconsin	Cassville Car Ferry	Cassville Harbor Commission	17	64	1	1	1	-	67
Summary	Total Bridge and Tunnel Facilities		834,519	840,955	7,711	34,915	33,279	29,520	946,380
	Total Road Facilities		943,440	84,901	-	39,284	101,678	154,355	380,218
	Total Ferry Facilities		115	6,579	1,176	1	32,217	-	39,973
	Grand Total		1,778,074	932,435	8,887	74,200	167,174	183,875	1,366,571

<sup>1</sup> This table summarizes the receipts for publicly owned toll facilities operated by local governments, local road and bridge districts and specially created authorities. See Table LGF-21 for general note on local highway finance series.  
<sup>2</sup> Park Boulevard Bridge freed in 1991.  
<sup>3</sup> Reclassified as a State facility, and will be shown in Table SF-3B in future years.  
<sup>4</sup> Estimated by FHWA. Data not reported.  
<sup>5</sup> Miscellaneous income shown includes \$13,425,750 in State aid and a \$16,129,872 subsidy from New York City.

DISBURSEMENTS OF LOCAL TOLL FACILITIES - 1992<sup>1</sup>

TABLE LGF-4B  
SHEET 1 OF 2  
SEPTEMBER 1994

COMPILED FROM REPORTS  
OF LOCAL AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT AND SAFETY	INTEREST	BOND RETIREMENT	TRANSFERS <sup>2</sup>	TOTAL DISBURSEMENTS	BALANCE END OF YEAR
California	Foothill/Eastern Toll Roads	47,275	-	-	1,926	-	43	-	-	49,244	9,919
	Golden Gate Bridge	2,540	7,271	9,264	1,934	-	-	-	38,545	59,554	44,691
	Murray Road Toll Bridge	-	36	246	28	2	204	5,149	391	6,056	524
	San Joaquin Hills Toll Road	21,434	-	-	1,498	-	1,477	-	-	24,409	7,824
	Total	71,249	7,307	9,510	5,386	2	1,724	5,149	38,936	139,263	62,958
Colorado	E-470 Beltway	1,972	-	1,029	2,498	-	24,305	131	-	29,935	668,760
	Pikes Peak Toll Highway	76	-	1,302	-	-	-	-	-	1,378	1,387
	Total	2,048	-	2,331	2,498	-	24,305	131	-	31,313	670,147
Florida	Biscayne Key (Rickenbacker) Causeway	-	629	1,514	-	-	751	1,130	476	4,500	2,690
	Broad Causeway	-	-	361	-	-	143	55	1,711	2,270	-
	Cape Coral Bridge; Sanibel Bridge & Causeway	8	693	2,543	-	-	5,376	1,200	4,112	13,932	32,499
	Card Sound Toll Bridge	-	216	327	-	-	-	10	-	553	2,622
	Clearwater Toll Bridge	-	5	648	-	-	153	166	386	1,358	5,208
	Park Boulevard Bridge <sup>3</sup>	-	-	-	-	-	-	2,855	-	2,855	-
	Treasure Island Causeway	-	169	1,197	-	-	121	1,810	-	3,297	1,218
	Venetian Causeway	-	434	213	-	-	-	-	106	753	-
	Total	8	2,146	6,803	-	-	6,544	7,226	6,791	29,518	44,237
	Illinois	Calumet Skyway Toll Bridge (Chicago Skyway)	5,172	1,939	1,455	1,493	-	3,137	-	413	13,609
McKinley Bridge		158	607	438	701	-	156	876	79	3,015	1,905
New Harmony Bridge		-	32	107	172	-	-	-	-	311	184
Rock Island Centennial Bridge		548	88	928	65	-	31	250	165	2,075	2,294
Total		5,878	2,666	2,928	2,431	-	3,324	1,126	657	19,010	21,052
MacArthur (Burlington) Bridge		-	92	351	10	-	2	114	23	592	3,456
Louisiana	Greater New Orleans Expressway <sup>4</sup>	4,656	895	3,159	1,060	442	4,594	895	702	16,403	23,105
	Ironton Ferry	-	-	102	-	-	-	-	-	102	101
Michigan	St. Mary's River Ferry System	-	103	943	198	-	-	-	32	1,276	-
	Total	-	103	1,045	198	-	-	-	32	1,378	101
Missouri	Platte Purchase Bridge	-	5	222	11	-	44	190	1	473	106
	St. Francisville Bridge	-	9	63	33	-	-	-	236	341	340
	Total	-	14	285	44	-	44	190	237	814	446
Nebraska	Bellevue Bridge <sup>5</sup>	185	13	139	24	-	237	-	-	598	185
	Burt County Missouri River (Decatur) Bridge	-	12	107	22	-	-	3	-	144	355
	Total	185	25	246	46	-	237	3	-	742	540
New Jersey	Cape May County Bridges	886	53	1,970	156	-	289	310	-	3,664	9,617
	Tacony-Palmyra and Burlington-Bristol Bridges	-	2,451	1,896	8,050	1,295	510	7,970	51	22,223	11,634
	Total	886	2,504	3,866	8,206	1,295	799	8,280	51	25,887	21,251
New York	Atlantic Beach Bridge	273	96	1,897	539	-	166	70	-	3,041	3,806
	Battery Staten Island Ferry	-	6,658	19,232	8,928	-	-	-	-	34,818	-
	Triborough Bridges and Tunnels <sup>6</sup>	30,194	24,906	74,011	56,532	-	185,566	18,799	387,479	777,487	597,604
Total	30,467	31,660	95,140	65,999	-	185,732	18,869	387,479	815,346	601,410	

DISBURSEMENTS OF LOCAL TOLL FACILITIES - 1992<sup>1</sup>

TABLE LGF-4B  
SHEET 2 OF 2  
SEPTEMBER 1994

COMPILED FROM REPORTS  
OF LOCAL AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT AND SAFETY	INTEREST	BOND RETIREMENT	TRANSFERS <sup>2</sup>	TOTAL DISBURSEMENTS	BALANCE END OF YEAR
Oregon	Buena Vista Ferry	-	19	37	16	-	-	-	-	72	-
	Canby Ferry	-	28	267	-	-	-	-	-	295	-
	Cascade Locks Bridge	-	518	6	155	-	225	140	-	1,044	-
	Hood River - White Salmon Bridge	-	118	166	2	-	290	250	593	1,419	-
	Wheatland Ferry	-	43	138	23	-	-	-	-	280	-
	Total	43	759	614	196	-	515	390	593	3,110	-
Pennsylvania	Fredericktown Ferry	-	9	6	-	-	-	-	-	15	6
Tennessee	Satfillo Ferry	-	12	51	-	-	-	-	-	63	-
Texas	Cameron County International Toll Bridge	6,581	-	829	127	-	407	55	2,920	10,919	4,916
	Del Rio International Bridge	50	75	171	72	-	260	105	856	1,589	3,239
	Eagle Pass-Piedras Negras International Bridge	-	671	-	-	-	134	40	2,328	3,173	3,232
	El Paso International Bridge	3,000	-	643	-	-	426	160	5,353	9,582	1,143
	Harris County Toll Road	2,666	-	-	12,859	-	56,738	1,193	-	86,916	247,740
	Laredo-Nuevo Laredo International Bridge	3,154	-	4,836	260	-	1,261	662	4,511	14,684	5,390
	McAllen International Toll Bridge	570	429	-	504	-	278	545	2,889	5,215	7,869
	Roma International Toll Bridge	-	135	-	109	-	446	126	535	1,351	630
	San Luis Pass-Vacek Bridge	-	272	-	50	-	37	200	-	559	2,369
		Total	16,021	15,042	6,479	13,981	-	59,987	3,086	19,392	133,988
Virginia	Richmond Expressway System	2,046	1,833	3,285	1,290	-	15,167	126,787	9,304	159,712	36,433
	South Norfolk Bridge	4	72	629	55	-	-	-	-	760	133
	Total	2,050	1,905	3,914	1,345	-	15,167	126,787	9,304	160,472	36,566
Washington	Guemes Island Ferry	-	129	516	-	-	-	-	-	645	-
	Lummi Island-Gooseberry Point Ferry	-	159	638	-	-	-	-	-	797	-
	Puget Island Ferry	-	71	284	-	-	-	-	-	355	-
	Strellacoom (Tacoma-McNeil-Anderson) Ferry	-	220	880	-	-	-	-	-	1,179	-
	Total	79	579	2,318	-	-	-	-	-	2,976	-
West Virginia	Parkersburg Bridge	36	161	192	213	-	142	454	-	1,198	674
Wisconsin	Cassville Car Ferry	-	7	43	11	-	-	-	-	61	24
Summary	Total Bridge And Tunnel Facilities	58,015	43,102	110,528	72,377	1,739	205,386	44,589	454,861	990,597	790,307
	Total Road Facilities	75,469	15,293	5,616	20,071	-	97,730	128,111	9,304	351,594	972,063
	Total Ferry Facilities	122	7,491	23,137	9,176	-	-	-	32	39,958	131
	Grand Total	133,606	65,886	139,281	101,624	1,739	303,116	172,700	464,197	1,382,149	1,762,501

<sup>1</sup> This table summarizes the disbursements for publicly owned toll facilities operated by local governments, local road and bridge districts and specially created authorities. See Table LGF-32 for names of operating authorities. See Table LGF-21 for general note on local highway finance series.  
<sup>2</sup> Includes direct expenditures for nonhighway purposes and transfers to other State and local agencies for both highway and nonhighway projects.  
<sup>3</sup> Park Boulevard Bridge freed in 1991.  
<sup>4</sup> Reclassified as a State facility, and will be shown in Table SF-4B in future years.  
<sup>5</sup> Estimated by FHWA. Data not reported.  
<sup>6</sup> Transfers shown include amounts used for maintenance, operations and debt service of the New York City Transit Authority, the Metropolitan Transportation Authority and the Triborough Transportation Project.

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## SECTION V

# ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

This section contains data on the physical, operational, usage characteristics, extent, and performance of public roads existing in the United States as of December 31, 1993.

### 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 the condition, use, performance and physical characteristics of facilities functionally classified as arterials and collectors; certain condition and use data for all rural arterials and urban principal arterials; and system-type data for all public road and street facilities within each State. When a State fails to provide current year data (or complete current year data), various means are used to prepare information that is reasonably current. This situation is somewhat more prevalent for 1993 because of the varying degree of completeness of each individual State's implementation of recently enhanced HPMS data reporting requirements. A few of the States only provided current aggregate areawide totals (a few other States provided no data), 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.

It is important to note that the roadway extent, characteristics, and performance data contained in this publication represent a transition period between the pre- and post-Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. To be specific, the 1993 data reflect the majority of the States implementation and use of adjusted 1990 Census urbanized area boundaries and functional reclassification. This plays a significant role regarding the extent of mileage identified as rural, small urban, or urbanized, and for the related functional systems classification.

### ORGANIZATION OF MILEAGE AND TRAVEL TABLES

These tables have been organized into seven general areas:

1. Public 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 Highways--tables HM-31, HM-33, HM-35, HM-36, HM-37, HM-39, 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, and HM-67.

4. Mileage, Travel, and Other Characteristics by Urbanized Area--tables HM-71 and HM-72.

5. State Highway Agency-Administered Mileage and Other Characteristics--tables HM-80 and HM-81.

6. Mileage on the Proposed National Highway System (NHS)--P series.

7. Travel by Functional System--tables VM-1 and VM-2. Travel by Federal-Aid Highways--tables VM-3 and VM-3P. Other--vehicle type activities (table VM-4), motor vehicle traffic accidents (FI series), speed data (VS series), and Interstate System loadings (table TC-3).

### EXISTING MILEAGE

All tables in this publication include only mileage classified as public road mileage in accordance with 23 U.S.C. 402. Table HM-10 contains the total public road mileage of roads and streets in the United States, classified by jurisdiction. Table HM-12 contains mileage by type of surface and jurisdiction/functional system. Table HM-15 contains mileage of Federal-aid highways and is in the same format as its companion travel table, VM-3. Table HM-16 is a nationwide aggregate table which contains mileage of Federal-aid highways by jurisdiction. Another nationwide aggregate table, HM-18, contains mileage of Federal-aid highways by functional system, and includes small urban and urbanized area summaries as well as total urban. Table HM-20 contains all public road mileage by State, by functional system. This table is in the same format as table VM-2 and contains the mileage that corresponds to the travel contained 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, forest access, and natural resource roads from public use.

Roads in Federal forests and reservations may be part of the State and local systems and are included with the mileages reported for those systems. Mileage directly under Federal control is identified in tables HM-10, HM-12, HM-14, HM-16, and HM-50.

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

### FEDERAL-AID HIGHWAY MILEAGE

Except for minor amounts of Federal highway mileage under the U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and National Park Service, practically all of the roads and streets in the United States are under the jurisdiction of State and local governments. The Federal-aid highways are, basically, segments of State and local systems mileage eligible for Federal aid. Except under special circumstances, this excludes roads that are functionally classified as rural minor collector or rural and urban local.

The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 eliminated the historical Federal-Aid Systems and created the National Highway System (NHS) and other Federal-aid highway categories. The interim NHS established under ISTEA consists of the entire principal arterial system. (For purposes of this publication, the NHS excludes any nonhighway routes; i.e., ferry boat routes.) After September 30, 1995, no more NHS and Interstate System Maintenance Program funds may be apportioned unless legislation is enacted that formally designates an NHS. As directed under Section 1006 of ISTEA, a proposed NHS was prepared in consultation with appropriate local officials and submitted to the United States Congress.

All historical tables linked to the superseded Federal-Aid Systems have been changed to reflect the interim NHS (the interim NHS includes all facilities functionally classified as principal arterial), and other Federal-aid highways, as applicable. These include tables HM-14, HM-15, HM-16, HM-18, the HM-30 series, HM-41, VM-3, and the FI series. Table HM-43, which had many references and ties to the now defunct Federal-Aid Primary System, has been eliminated.

Because the proposed NHS (if officially adopted by Congress via future legislation) could affect the Federal-aid highway categories, a new series of "P" tables has been added to reflect such potential change. The added "P" tables duplicate all of the historical Federal-aid tables in format only. A few additional tables have been provided in the "P" series for supplemental information. The data contained in the "P" series should be considered as preliminary and illustrative of the future NHS. Table HP-30P is the only table in this section containing open-to-traffic and known future Federal-aid highway mileages.

### Interstate System

The Eisenhower 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 excise taxes on motor fuel and automotive products to the support of Federal-aid highway activities. By law, the Interstate System is limited to 42,500 miles under Section 103 of Title 23 and other routes incorporated under Section 139(a) of Title 23 that are logical additions or connections and meet Interstate System design standards. The Interstate System under Section 139(c) is limited only to Alaska and Puerto Rico.

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.

### Mileage characteristics

The Federal-aid highway 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 the particular Federal-aid highway category.



### Count of bridges

Table HM-41, Highway Bridges Greater Than or Equal to 20 Feet, contains a count of the bridges from the Structure Inventory of the Nation's Bridges by Federal-aid highway category for rural and urban areas. Its companion table, HM-65, is similar except that the bridge counts are for rural and urban functional systems.

### MILEAGE BY FUNCTIONAL SYSTEM

The functional systems used in tables HM-50 through HM-80 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 lower level, and (3) local roads and streets, which serve the land access function to the residential areas, individual farms, and other local areas. The functional system mileages are identified by jurisdiction, surface type, lane width, traffic lanes, access control, and traffic volume in tables HM-50 through HM-59.

### Lane mileage

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

### Volume-service flow ratio

Table HM-61 contains the mileage for each rural and urban arterial and collector (except minor collector) functional system by State for various ranges of volume-service flow ratio. These data are expanded from the traffic volume and peak service flow (capacity) data reported on or calculated from other data in 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) or the international roughness index (IRI), as reported in HPMS, to group the data into various categories of pavement condition. Because of higher standards, the ranges of PSR and IRI for the Interstate

System vary slightly from the ranges for the other functional systems.

The 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 rating roadways within a State. Generally, PSR is a subjective rating scheme and because of the various methodologies used by the States to collect these data, PSR may not be consistent or comparable among the States.

Measured pavement roughness is an objective equipment-based rating reported in the HPMS as IRI in inches per mile. These ratings are collected by various mechanical devices, some of which may require calibration 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 an objective mechanically measured index, IRI should be consistent across State lines when proper measuring device calibration procedures have been followed by the State highway agencies.

Because PSR is subjective and may be inconsistent among the States, and because IRI should be a more consistent measure of pavement condition, table HM-63 is being changed over to be IRI-based, at least for the principal arterial and rural minor arterial systems. Table HM-64 contains only IRI for the higher systems.

### Minor collector and local functional systems

Table HM-67 contains estimates of minor collector and local functional systems mileage by average daily traffic volume and surface type for rural and urban areas. Estimates are supplied by the States in the areawide (aggregate) portion of the HPMS data submittals.

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

An urbanized area is an area with 50,000 or more persons that encompasses at a minimum the land area delineated by the Bureau of the Census. The Bureau of the Census establishes urbanized area boundaries based on the density of the population (1,000 persons per square mile). The adjusted Census urbanized area boundary reflected in this publication is usually enlarged to include such additional areas as airports, satellite cities/towns, strip development

adjacent to high-use roadways, and other areas and facilities that are important to or serve the urbanized area. In some cases, the adjusted urbanized area includes land that will become urban in some predetermined amount of time (such as 3-5 years). These boundaries are decided upon by State and local officials with the approval of the FHWA.

Table HM-71 contains mileage and daily travel data by functional system for adjusted Census urbanized areas having a population of 50,000 or more persons. The daily travel contained in this table times 365 days (366 days for leap years) would equal annual travel. Table HM-72 contains rate and characteristic type data that are based on the State-reported mileage, travel, population, and net land area aggregate data for the same urbanized areas. An estimate of freeway lane mileage (including the Interstate System) in each urbanized area is also provided; it is based primarily on the HPMS universe data. Where urbanized areas cross State boundaries, the tables contain information for the entire area without regard to State boundaries.

### State highway agency-administered mileage

State highway agency-administered (jurisdiction) mileage by functional system, based on the HPMS universe data, is contained in table HM-80. Lane mile, daily vehicle-miles traveled, and average daily traffic per lane mile of road estimates are provided in the companion table HM-81. These estimates are derived based on the HPMS universe information.

### HIGHWAY USAGE CHARACTERISTICS

Table VM-1 contains the estimated travel for the current year (1993) and revised figures for the previous year (1992) for passenger cars, motorcycles, buses, and trucks for 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 contains the number of vehicles registered by type by total fuel consumption. Also included are the calculated annual average 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 contained in table MF-21 and table MV-1 are used to obtain the related items of average miles

traveled per vehicle, average fuel consumption per vehicle, and average miles traveled per gallon of fuel consumed. In addition, table VM-1 contains 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 *National Transportation Statistics* report.

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

Table VM-3 contains the estimated highway travel carried by Federal-aid highways. It is a companion to the mileage table HM-15 and has combined certain functional system travel values as indicated at the front of this section's text.

The new VM-4 series contains distributions of travel activity by vehicle type by arterial functional systems. Data in some cases may exclude motorcycles, combine some vehicle types, and/or be limited in count duration and seasonal coverage.

The FI series contains the total fatal and nonfatal injury accidents along with the total numbers of fatalities, most serious injured persons, total 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. The tabulations also contain numbers and rates (per 100 million vehicle miles) of accidents and casualties on the functional systems and Federal-aid highway categories.

Tables VS-1 and VS-2 contain data on speeds of all vehicles on sections of roads posted for 55 miles per hour, by type of highway for each State. These data are based on the average of the four quarterly reports provided by 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 graphically illustrated in the chart. The data represent free-moving speeds from 1965 through 1979.

The graphs that illustrate 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 and selected other freeways or expressways.

Table TC-3, along with the graph, Comparison of Growth in Volumes and Loadings on the Rural Interstate System, display the interrelationship among vehicle types, volumes, and axle loadings. The data, which are from the Truck

Weight Study, are collected by the States for varying periods of time and are not adjusted to typify annual system averages. The data for passenger cars, buses, and light single-unit trucks have been combined in table TC-3.

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 - 1993<sup>1</sup>**  
**BY TYPE OF SURFACE AND JURISDICTION/FUNCTIONAL SYSTEM**

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-12  
 NOVEMBER 1994

JURISDICTION/FUNCTIONAL SYSTEM	UNPAVED <sup>2</sup>				PAVED <sup>3</sup>						TOTAL	
	UNIM-PROVED	GRADED AND DRAINED	GRAVEL OR STONE	TOTAL	LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL		
							FLEXIBLE	COMPOSITE	RIGID			
<b>Rural:</b>												
Under State Control: <sup>4</sup>												
Principal Arterial:												
Interstate	0	0	0	0	4	1,041	15,001	5,924	10,682	32,652	32,652	
Other	0	0	0	0	286	5,216	60,774	18,939	10,345	95,560	95,560	
Minor Arterial	0	0	655	655	1,547	14,111	93,932	17,054	4,687	131,331	131,986	
Major Collector	0	242	1,304	1,546	18,153	38,434	125,983	12,892	3,262	198,724	200,270	
Subtotal	0	242	1,959	2,201	19,990	58,802	295,690	54,809	28,976	458,267	460,468	
Not Under State or Federal Control:												
Principal Arterial:												
Interstate	0	0	0	0	0	0	0	0	0	0	0	
Other	0	0	0	0	18	94	333	5	15	465	465	
Minor Arterial	0	0	133	133	38	576	3,370	105	212	4,301	4,434	
Major Collector	479	2,539	45,567	48,585	33,854	62,252	73,262	2,927	6,776	179,071	227,656	
Subtotal	479	2,539	45,700	48,718	33,910	62,922	76,965	3,037	7,003	183,837	232,555	
Under Federal Control:												
Principal Arterial:												
Interstate	0	0	0	0	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	176	0	0	176	176	
Minor Arterial	0	0	0	0	47	409	1,050	2	0	1,508	1,508	
Major Collector	161	106	982	1,249	513	1,966	1,021	0	0	3,500	4,749	
Subtotal	161	106	982	1,249	560	2,375	2,247	2	0	5,184	6,433	
Minor Collector <sup>5</sup>	1,102	10,782	90,627	102,511	29,155	66,185	80,610	1,968	1,932	179,850	282,361	
Local <sup>5</sup>	128,184	206,938	1,104,778	1,439,900	298,364	149,182	203,185	14,147	15,048	679,926	2,119,826	
<b>Total Rural</b>	<b>129,926</b>	<b>220,607</b>	<b>1,244,046</b>	<b>1,594,579</b>	<b>381,979</b>	<b>339,466</b>	<b>658,697</b>	<b>73,963</b>	<b>52,959</b>	<b>1,507,064</b>	<b>3,101,643</b>	
Percent - Rural	4.2	7.1	40.1	51.4	12.3	11.0	21.2	2.4	1.7	48.6	100.0	
<b>Urban:</b>												
Under State Control: <sup>4</sup>												
Principal Arterial:												
Interstate	0	0	0	0	3	57	3,651	3,953	5,197	12,861	12,861	
Other Freeways And Expressways	0	0	0	0	29	37	4,128	1,286	2,845	8,325	8,325	
Other	0	0	0	0	24	1,254	19,914	10,636	4,469	36,297	36,297	
Minor Arterial	0	1	0	1	324	1,991	14,431	5,851	1,254	23,851	23,852	
Collector	0	0	72	72	461	2,574	5,599	972	330	9,936	10,008	
Subtotal	0	1	72	73	841	5,913	47,723	22,698	14,095	91,270	91,343	
Not Under State or Federal Control:												
Principal Arterial:												
Interstate	0	0	0	0	0	0	0	12	5	17	17	
Other Freeways And Expressways	0	0	0	0	6	43	338	43	43	473	473	
Other	0	0	7	7	186	1,436	11,726	1,573	1,528	16,449	16,456	
Minor Arterial	18	43	282	343	2,621	9,961	38,920	5,539	4,483	61,524	61,867	
Collector	35	69	663	767	4,128	17,782	45,056	3,962	3,624	74,552	75,319	
Subtotal	53	112	952	1,117	6,941	29,222	96,040	11,129	9,683	153,015	154,132	
Under Federal Control:												
Principal Arterial:												
Interstate	0	0	0	0	0	0	0	0	0	0	0	
Other Freeways And Expressways	0	0	0	0	0	0	59	0	0	59	59	
Other	0	0	0	0	0	0	82	0	0	82	82	
Minor Arterial	0	0	0	0	0	5	84	12	2	103	103	
Collector	0	0	0	0	0	3	46	2	0	51	51	
Subtotal	0	0	0	0	0	8	271	14	2	295	295	
Local <sup>5</sup>	1,143	4,764	31,820	37,727	82,880	165,763	207,059	14,053	49,826	519,581	557,308	
<b>Total Urban</b>	<b>1,196</b>	<b>4,877</b>	<b>32,844</b>	<b>38,917</b>	<b>90,662</b>	<b>200,906</b>	<b>351,093</b>	<b>47,894</b>	<b>73,606</b>	<b>764,161</b>	<b>803,078</b>	
Percent - Urban	0.1	0.6	4.1	4.8	11.3	25.1	43.6	6.0	9.2	95.2	100.0	
<b>Total Rural and Urban</b>	<b>131,122</b>	<b>225,484</b>	<b>1,276,890</b>	<b>1,633,496</b>	<b>472,641</b>	<b>540,372</b>	<b>1,009,790</b>	<b>121,857</b>	<b>126,565</b>	<b>2,271,225</b>	<b>3,904,721</b>	
Percent - Total	3.4	5.8	32.6	41.8	12.1	13.9	25.7	3.2	3.3	58.2	100.0	

<sup>1</sup> As expanded from the Highway Performance Monitoring System (HPMS) standard sample data for Arterials and Collectors from reports of 50 States and the District of Columbia. For West Virginia, 1992 data were factored to 1993 levels by FHWA. For Hawaii, Ohio and Virginia, 1992 data were used (1993 data not available).

<sup>2</sup> 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.

<sup>3</sup> 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 having 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".

<sup>4</sup> Includes State highway agency, State park, State toll and other State agency roadways.

<sup>5</sup> Limited surface-type areawide data reported for the rural Minor Collector and rural/urban Local Functional Systems and factored to total mileage obtained from 1993 HPMS areawide data. Distribution of surface types for these systems is estimated by FHWA.

# PUBLIC ROAD AND STREET MILEAGE - 1993<sup>1</sup>

## FEDERAL-AID HIGHWAYS BY JURISDICTION

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM <sup>2</sup>)

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-16  
NOVEMBER 1994

JURISDICTION	FEDERAL-AID HIGHWAYS					NON-FEDERAL-AID HIGHWAYS <sup>6</sup>	TOTAL
	INTERIM NATIONAL HIGHWAY SYSTEM			OTHER <sup>5</sup>	TOTAL		
	INTERSTATE <sup>3</sup>	OTHER <sup>4</sup>	TOTAL				
<b>Rural:</b>							
State Controlled Roads <sup>7</sup>	32,652	95,555	128,207	332,298	460,505	214,253	674,758
County Roads	0	402	402	220,119	220,521	1,409,408	1,629,929
Town and Township Roads	0	27	27	6,379	6,406	424,208	430,614
Other Local Governmental Roads	0	32	32	5,428	5,460	163,665	169,125
State Park and Forest Roads	0	8	8	129	137	17,519	17,656
National Park, Forest, and Other Roads	0	177	177	6,250	6,427	173,134	179,561
<b>Total Rural</b>	<b>32,652</b>	<b>96,201</b>	<b>128,853</b>	<b>570,603</b>	<b>699,456</b>	<b>2,402,187</b>	<b>3,101,643</b>
Percent - Rural	1.1	3.1	4.2	18.4	22.6	77.4	100.0
<b>Small Urban Areas:</b>							
State Controlled Roads <sup>7</sup>	1,710	12,749	14,459	9,695	24,154	3,112	27,266
County Roads	0	229	229	6,051	6,280	13,758	20,038
Town and Township Roads	0	107	107	3,319	3,426	12,247	15,673
Other Local Governmental Roads	0	842	842	20,934	21,776	78,820	100,596
State Park and Forest Roads	0	0	0	5	5	80	85
National Park, Forest, and Other Roads	0	2	2	51	53	328	381
<b>Total Small Urban Area</b>	<b>1,710</b>	<b>13,929</b>	<b>15,639</b>	<b>40,055</b>	<b>55,694</b>	<b>108,345</b>	<b>164,039</b>
Percent - Small Urban	1.0	8.5	9.5	24.4	34.0	66.0	100.0
<b>Urbanized Areas:</b>							
State Controlled Roads <sup>7</sup>	11,168	31,767	42,935	23,767	66,702	12,531	79,233
County Roads	0	3,707	3,707	27,721	31,428	63,044	94,472
Town and Township Roads	0	945	945	9,896	10,841	57,956	68,797
Other Local Governmental Roads	0	11,092	11,092	69,545	80,637	314,515	395,152
State Park and Forest Roads	0	112	112	115	227	247	474
National Park, Forest, and Other Roads	0	140	140	101	241	670	911
<b>Total Urbanized Area</b>	<b>11,168</b>	<b>47,763</b>	<b>58,931</b>	<b>131,145</b>	<b>190,076</b>	<b>448,963</b>	<b>639,039</b>
Percent - Urbanized	1.7	7.5	9.2	20.5	29.7	70.3	100.0
<b>Total Urban:</b>							
State Controlled Roads <sup>7</sup>	12,878	44,516	57,394	33,462	90,856	15,643	106,499
County Roads	0	3,936	3,936	33,772	37,708	76,802	114,510
Town and Township Roads	0	1,052	1,052	13,215	14,267	70,203	84,470
Other Local Governmental Roads	0	11,934	11,934	90,479	102,413	393,335	495,748
State Park and Forest Roads	0	112	112	120	232	327	559
National Park, Forest, and Other Roads	0	142	142	152	294	998	1,292
<b>Total Urban</b>	<b>12,878</b>	<b>61,692</b>	<b>74,570</b>	<b>171,200</b>	<b>245,770</b>	<b>557,308</b>	<b>803,078</b>
Percent - Urban	1.6	7.7	9.3	21.3	30.6	69.4	100.0
<b>Total Rural and Urban</b>	<b>45,530</b>	<b>157,893</b>	<b>203,423</b>	<b>741,803</b>	<b>945,226</b>	<b>2,959,495</b>	<b>3,904,721</b>
Percent - Total	1.2	4.0	5.2	19.0	24.2	75.8	100.0

<sup>1</sup> As summarized from the Highway Performance Monitoring System (HPMS) universe data from reports of 50 States and the District of Columbia. For West Virginia, 1992 data were factored to 1993 levels by FHWA. For Hawaii, Ohio and Virginia, 1992 data were used (1993 data not available).

<sup>2</sup> The Intermodal Surface Transportation Efficiency Act (ISTEA) of December 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.

<sup>3</sup> Although the Interstate System is part of the National Highway System, its mileage is shown separately.

<sup>4</sup> Includes the entire non-Interstate Principal Arterial System (Other Principal Arterial, Other Freeways and Expressways).

<sup>5</sup> Includes rural Minor Arterial and Major Collector and urban Minor Arterial and Collector Systems.

<sup>6</sup> Includes rural Minor Collector and Local and urban Local Systems.

<sup>7</sup> Includes State highway agency, State toll and other State agency roads; does not include State park and forest roads.

**PUBLIC ROAD AND STREET MILEAGE - 1993<sup>1</sup>**  
**BY FEDERAL-AID HIGHWAYS AND FUNCTIONAL SYSTEMS**  
 (THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE PRINCIPAL ARTERIAL SYSTEM <sup>2</sup>)

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-18  
 NOVEMBER 1994

FUNCTIONAL SYSTEM	FEDERAL-AID HIGHWAYS				TOTAL	NON-FEDERAL-AID HIGHWAYS <sup>6</sup>	TOTAL
	INTERIM NATIONAL HIGHWAY SYSTEM			OTHER <sup>5</sup>			
	INTERSTATE <sup>3</sup>	OTHER <sup>4</sup>	TOTAL				
<b>Rural:</b>							
Principal Arterial:							
Interstate	32,652	0	32,652	0	32,652	0	32,652
Other	0	96,201	96,201	0	96,201	0	96,201
Subtotal	32,652	96,201	128,853	0	128,853	0	128,853
Minor Arterial	0	0	0	137,928	137,928	0	137,928
Major Collector	0	0	0	432,675	432,675	0	432,675
Minor Collector	0	0	0	0	0	282,361	282,361
Subtotal	0	0	0	432,675	432,675	282,361	715,036
Local	0	0	0	0	0	2,119,826	2,119,826
<b>Total - Rural</b>	<b>32,652</b>	<b>96,201</b>	<b>128,853</b>	<b>570,603</b>	<b>699,456</b>	<b>2,402,187</b>	<b>3,101,643</b>
<b>Small Urban:</b>							
Principal Arterial:							
Interstate	1,710	0	1,710	0	1,710	0	1,710
Other Freeways and Expressways	0	1,268	1,268	0	1,268	0	1,268
Other	0	12,661	12,661	0	12,661	0	12,661
Subtotal	1,710	13,929	15,639	0	15,639	0	15,639
Minor Arterial	0	0	0	19,147	19,147	0	19,147
Collector	0	0	0	20,908	20,908	0	20,908
Local	0	0	0	0	0	108,345	108,345
<b>Total - Small Urban</b>	<b>1,710</b>	<b>13,929</b>	<b>15,639</b>	<b>40,055</b>	<b>55,694</b>	<b>108,345</b>	<b>164,039</b>
<b>Urbanized:</b>							
Principal Arterial:							
Interstate	11,168	0	11,168	0	11,168	0	11,168
Other Freeways and Expressways	0	7,589	7,589	0	7,589	0	7,589
Other	0	40,174	40,174	0	40,174	0	40,174
Subtotal	11,168	47,763	58,931	0	58,931	0	58,931
Minor Arterial	0	0	0	66,675	66,675	0	66,675
Collector	0	0	0	0	0	0	0
Local	0	0	0	64,470	64,470	0	64,470
<b>Total - Urbanized</b>	<b>11,168</b>	<b>47,763</b>	<b>58,931</b>	<b>131,145</b>	<b>190,076</b>	<b>448,963</b>	<b>639,039</b>
<b>Total Urban:</b>							
Principal Arterial:							
Interstate	12,878	0	12,878	0	12,878	0	12,878
Other Freeways And Expressways	0	8,857	8,857	0	8,857	0	8,857
Other	0	52,835	52,835	0	52,835	0	52,835
Subtotal	12,878	61,692	74,570	0	74,570	0	74,570
Minor Arterial	0	0	0	85,822	85,822	0	85,822
Collector	0	0	0	0	0	0	0
Local	0	0	0	85,378	85,378	0	85,378
<b>Total - Urban</b>	<b>12,878</b>	<b>61,692</b>	<b>74,570</b>	<b>171,200</b>	<b>245,770</b>	<b>557,308</b>	<b>803,078</b>
<b>Total - Rural and Urban</b>	<b>45,530</b>	<b>157,893</b>	<b>203,423</b>	<b>741,803</b>	<b>945,226</b>	<b>2,959,495</b>	<b>3,904,721</b>

<sup>1</sup> As summarized from the Highway Performance Monitoring System (HPMS) universe data from reports of 50 States and the District of Columbia. For West Virginia, 1992 data were factored to 1993 levels by FHWA. For Hawaii, Ohio and Virginia, 1992 data were used (1993 data not available). When comparing 1992 to 1993 data, the analyst should be aware that the 1993 urban/rural split of mileage has been impacted by urban boundary changes and functional reclassification. For North Dakota, the rural Minor Collector mileage has been estimated by FHWA.

<sup>2</sup> The Intermodal Surface Transportation Efficiency Act (ISTEA) of December 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.

<sup>3</sup> Although the Interstate system is part of the NHS, its mileage is shown separately.

<sup>4</sup> Includes the entire non-Interstate Principal Arterial System (Other Principal Arterial and Other Freeways and Expressways).

<sup>5</sup> Includes rural Minor Arterial and Major Collector and urban Minor Arterial and Collector Systems.

<sup>6</sup> Includes rural Minor Collector and Local and urban Local Systems.

**PUBLIC ROAD AND STREET MILEAGE - 1993  
BY JURISDICTION**

TABLE HM-10  
NOVEMBER 1994

STATE	RURAL					URBAN					TOTAL		
	UNDER STATE CONTROL <sup>1</sup>	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>2</sup>	TOTAL	UNDER STATE CONTROL <sup>1</sup>	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>2</sup>	TOTAL		UNDER FEDERAL CONTROL <sup>3</sup>	
Alabama	9,149	57,931	0	4,815	62,746	1,883	251	2	17,237	17,490	8	19,381	92,209
Alaska	4,857	4,689	0	4,712	2,538	462	1,257	0	0	1,277	3	1,742	13,849
Arizona	5,459	18,642	1,004	3,963	20,097	685	2,047	7	13,556	15,610	45	16,340	55,763
Arkansas	15,017	48,989	0	4,561	52,952	1,217	523	0	5,855	6,378	0	7,595	77,192
California	14,812	53,430	0	1,490	54,920	3,841	12,797	0	64,416	77,213	7	81,061	169,201
Colorado	8,200	48,036	0	2,162	50,198	1,025	3,129	0	8,749	11,878	0	12,903	78,721
Connecticut	2,138	0	6,672	0	6,672	1,837	8,814	9,706	0	9,706	0	11,543	20,357
Delaware	3,434	0	0	238	238	1,453	0	0	416	416	0	1,869	5,544
Dist. of Columbia	0	0	0	0	0	1,039	0	0	0	0	68	1,107	1,107
Florida	7,509	54,616	0	199	54,815	4,423	1,861	0	42,894	44,755	0	49,178	112,808
Georgia	14,910	65,053	3,572	5	68,630	2,957	13,844	9,436	0	23,280	37	26,274	110,879
Hawaii <sup>4</sup>	767	1,469	0	0	1,469	260	1,505	0	0	1,505	34	1,799	4,106
Idaho	4,853	13,871	67,453	13,326	27,197	271	90	1,389	1,654	3,133	12	3,416	58,835
Illinois	12,507	14,611	0	6,966	89,030	4,798	1,766	4,129	24,463	30,358	25	35,181	136,965
Indiana	9,582	60,474	0	3,056	63,530	1,781	5,726	0	11,756	17,481	0	19,262	92,374
Iowa	9,171	88,567	0	5,636	94,203	995	885	0	7,333	8,218	5	9,218	112,708
Kansas	10,007	111,061	0	2,608	113,669	665	0	123,676	8,915	8,915	0	9,580	133,256
Kentucky	25,177	35,534	0	1,782	37,316	2,429	3,499	0	4,187	7,686	24	10,139	72,632
Louisiana	14,651	28,122	0	2,437	30,559	1,983	3,373	0	8,410	11,783	0	13,766	59,599
Maine	7,741	0	11,574	443	12,017	809	0	7	1,762	1,769	5	2,583	22,510
Maryland	3,762	11,299	0	541	11,840	1,555	7,922	0	3,698	11,620	396	13,617	29,313
Massachusetts	1,654	1	9,183	1	9,185	2,002	3	22	17,581	17,606	28	19,636	30,563
Michigan	7,631	78,519	3,275	60	81,854	2,006	9,836	15,850	482	26,168	0	28,174	117,659
Minnesota	12,147	43,499	52,661	5,148	101,308	1,204	1,913	161	11,608	13,682	0	14,886	129,959
Mississippi	9,653	52,010	2,508	0	54,930	827	990	6,065	0	7,055	22	7,904	72,834
Missouri	30,666	68,561	2	5,570	74,133	1,536	2,933	9	11,672	14,614	0	16,150	121,787
Montana	8,006	43,909	0	1,137	45,046	170	610	0	1,600	2,210	0	2,980	69,768
Nebraska	9,910	60,645	13,678	3,275	77,598	343	482	7	4,222	4,711	0	5,054	92,702
Nevada	4,761	21,704	37	847	22,588	510	2,110	10	1,967	4,087	0	4,597	45,778
New Hampshire	3,616	0	6,415	1,902	12,069	407	0	145	2,317	2,462	0	2,869	14,938
New Jersey	3,343	3,947	3,947	2,304	9,594	1,822	4,690	1,150	16,349	22,189	18	24,029	35,097
New Mexico	10,945	39,481	0	84	39,565	582	3,516	0	1,753	5,269	0	5,951	60,812
New York	11,563	17,232	41,418	2,227	60,877	4,701	3,156	15,193	16,197	34,546	46	39,293	111,882
North Carolina	68,789	0	0	3,733	3,733	9,255	0	0	12,219	12,219	249	21,723	96,028
North Dakota	7,204	9,581	64,980	2,320	76,881	205	0	158	1,465	1,613	0	1,818	86,727
Ohio <sup>4</sup>	27,293	27,293	35,132	3,208	65,633	3,934	2,208	5,009	20,414	27,631	3	31,568	113,823
Oklahoma	12,099	87,095	0	460	87,555	1,008	352	0	11,432	11,784	2	12,794	112,467
Oregon	10,363	31,690	177	1,874	33,554	852	2,605	942	6,536	9,141	35	10,028	96,036
Rhode Island	36,248	0	994	46,995	47,182	1,031	258	3,683	23,301	3,692	0	4,723	6,057
Pennsylvania	34,768	17,798	0	469	18,267	6,912	2,070	0	1,539	3,609	0	10,521	64,158
Rhode Island	7,728	35,927	34,022	1,796	71,745	1,772	123	81	1,488	1,692	1	1,860	83,305
South Carolina	11,526	52,736	0	3,684	56,420	2,379	1,849	0	12,293	14,142	0	16,521	85,037
Tennessee	67,593	132,955	0	13,509	146,464	9,258	4,924	0	64,950	69,874	0	79,132	294,142
Texas	5,022	20,369	0	2,079	22,448	757	1,166	0	4,168	5,334	15	6,106	40,508
Vermont	2,663	0	9,978	130	10,108	176	0	132	1,007	1,139	9	1,324	14,166
Virginia <sup>4</sup>	50,084	471	0	478	949	6,357	1,011	0	8,002	9,013	211	15,581	68,429
Washington	17,745	35,267	2,167	0	37,434	1,144	6,178	9,416	480	16,074	0	17,218	79,428
West Virginia <sup>4</sup>	30,612	5	0	639	644	1,341	822	1,671	1,796	1,796	0	3,137	35,045
Wisconsin	10,985	19,632	59,728	4,018	83,378	1,455	822	0	11,643	14,136	0	15,591	110,978
Wyoming	6,335	13,822	13	11,046	24,881	393	168	0	1,822	1,990	3	2,386	37,642
Total	692,403	1,629,949	430,590	169,134	2,229,673	107,317	114,448	84,380	495,622	694,450	1,311	803,078	3,904,721
Percent - Total	17.7	41.7	11.0	4.3	57.1	2.7	2.9	2.2	12.7	17.8	0.0	20.6	100.0

<sup>1</sup> Includes State highway agency, State park, State toll and other State agency roadways.

<sup>2</sup> Includes mileage not identified by ownership. Contains mainly municipal mileage for urban summaries.

<sup>3</sup> Mileage in Federal parks, forests, and reservations that are not a part of the State and local highway systems.

<sup>4</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.

**PUBLIC ROAD AND STREET MILEAGE - 1993**  
**FEDERAL-AID HIGHWAYS BY JURISDICTION <sup>1</sup>**

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM <sup>2</sup>)

TABLE HM-14  
 SHEET 1 OF 3  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERIM NATIONAL HIGHWAY SYSTEM - RURAL <sup>3</sup>					INTERIM NATIONAL HIGHWAY SYSTEM - URBAN <sup>4</sup>					TOTAL INTERIM NATIONAL HIGHWAY SYSTEM
	UNDER STATE CONTROL <sup>5</sup>	UNDER LOCAL CONTROL			TOTAL	UNDER STATE CONTROL <sup>5</sup>	UNDER LOCAL CONTROL			TOTAL	
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>6</sup>			TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>6</sup>	TOTAL		
Alabama	2,684	0	0	0	2,684	1,237	0	42	0	1,279	3,963
Alaska	1,360	0	0	0	1,360	0	0	0	0	111	1,471
Arizona	2,133	41	3	44	2,180	543	122	682	0	1,349	3,529
Arkansas	2,579	0	0	0	2,579	770	2	46	0	818	3,397
California	5,007	70	15	85	5,151	3,598	931	4,065	0	8,594	13,745
Colorado	2,924	0	0	43	2,967	867	76	285	0	1,228	4,195
Connecticut	364	0	0	0	364	998	0	0	43	1,041	1,405
Delaware	209	0	0	1	210	186	0	1	0	187	397
Dist. of Columbia	0	0	0	0	0	107	0	0	0	116	116
Florida	4,663	17	2	19	4,672	2,943	31	24	55	2,998	7,670
Georgia	3,533	34	0	34	3,567	2,336	186	244	5	2,585	6,152
Hawaii <sup>11</sup>	10	0	0	0	10	171	24	0	24	195	205
Idaho	2,215	0	0	0	2,215	223	7	69	0	302	2,517
Illinois	4,132	38	4	42	4,174	3,021	151	102	267	3,289	7,463
Indiana	2,538	4	0	4	2,542	1,561	145	289	434	1,995	4,537
Iowa	4,040	0	0	0	4,040	766	7	64	0	837	4,877
Kansas	3,850	0	0	0	3,850	635	0	290	0	925	4,785
Kentucky	2,468	0	0	0	2,468	926	0	8	0	934	3,402
Louisiana	1,811	12	0	12	1,823	993	43	113	156	1,149	2,972
Maine	969	0	0	0	969	236	0	1	0	237	1,206
Maryland	775	0	0	0	775	1,065	59	183	242	1,339	2,114
Massachusetts	468	17	1	17	486	1,324	0	827	828	2,152	2,638
Michigan	3,472	16	0	16	3,488	1,653	691	287	75	2,053	6,194
Minnesota	4,241	9	0	9	4,250	876	74	36	110	986	5,236
Mississippi	2,297	7	0	9	2,306	618	10	165	175	793	3,099
Missouri	3,868	0	0	0	3,868	1,315	68	339	407	1,722	5,590
Montana	3,705	54	0	54	3,759	153	16	57	73	226	3,985
Nebraska	3,181	0	0	0	3,181	337	21	114	472	3,653	6,836
Nevada	1,871	0	1	1	1,874	282	26	28	59	341	2,215
New Hampshire	635	0	0	0	635	196	0	66	66	262	897
New Jersey	627	3	0	3	630	1,513	224	32	256	1,769	2,399
New Mexico	2,697	9	0	9	2,706	428	1	177	0	606	3,312
New York	2,740	14	3	17	2,757	2,770	231	1,000	1,238	4,008	6,765
North Carolina	2,815	0	0	0	2,815	1,943	0	15	15	1,958	4,773
North Dakota	3,458	3	0	3	3,461	191	0	11	13	204	3,665
Ohio <sup>11</sup>	2,537	0	0	0	2,537	2,789	74	398	472	3,261	5,798
Oklahoma	2,985	0	0	0	2,985	854	32	295	0	1,181	4,166
Oregon	3,422	0	0	0	3,422	686	59	124	183	869	4,291
Pennsylvania	3,670	0	0	4	3,674	3,086	18	129	179	3,265	6,939
Rhode Island	83	0	0	0	83	435	0	0	33	468	551
South Carolina	2,115	0	0	0	2,115	907	1	0	0	908	3,023
South Dakota	3,090	0	0	0	3,090	157	2	30	0	189	3,285
Tennessee	2,457	0	0	0	2,457	1,626	9	83	92	1,718	4,175
Texas	8,552	3	1	4	8,556	5,427	148	1,491	1,639	7,066	15,622
Utah	1,744	0	0	0	1,744	426	7	11	18	444	2,221
Vermont	591	0	0	7	598	110	0	44	47	157	755
Virginia <sup>11</sup>	2,310	0	0	0	2,310	1,377	25	0	40	1,427	3,824
Washington	2,612	0	0	0	2,612	828	266	142	800	1,628	4,240
West Virginia <sup>11</sup>	1,427	5	0	5	1,432	306	0	2	2	308	1,740
Wisconsin	3,846	64	0	64	3,910	1,293	149	142	295	1,588	5,498
Wyoming	2,435	0	0	0	2,435	281	4	10	14	295	2,756
Total	128,215	403	27	462	128,853	57,480	3,940	11,957	16,948	74,570	203,423



**PUBLIC ROAD AND STREET MILEAGE - 1993**  
**FEDERAL-AID HIGHWAYS BY JURISDICTION 1**

TABLE HM-14  
 SHEET 2 OF 3  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	OTHER FEDERAL-AID HIGHWAYS - RURAL 8										OTHER FEDERAL-AID HIGHWAYS - URBAN 9					TOTAL OTHER FEDERAL-AID HIGHWAYS
	UNDER LOCAL CONTROL					TOTAL	UNDER LOCAL CONTROL					TOTAL				
	UNDER STATE CONTROL 5	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS 6	TOTAL		UNDER STATE CONTROL 5	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS 6	TOTAL		UNDER FEDERAL CONTROL 7			
Alabama	6,254	8,669	0	480	9,149	15,440	645	49	2	3,411	3,462	8	4,115	19,555		
Alaska	2,189	0	0	5	2,194	2,194	320	79	0	20	99	0	419	2,613		
Arizona	2,962	2,157	54	109	2,320	5,784	142	652	5	2,479	3,136	20	3,298	9,082		
Arkansas	11,995	3,399	0	83	3,482	15,533	387	122	0	1,379	1,501	0	1,888	17,421		
California	6,346	12,922	0	209	13,131	19,906	219	3,774	0	16,093	19,867	0	20,086	39,992		
Colorado	5,006	3,981	0	105	4,086	9,556	157	667	0	1,817	2,484	0	2,641	12,197		
Connecticut	1,492	0	143	0	143	1,635	367	0	1,922	0	1,922	0	2,717	4,352		
Delaware	653	0	0	0	0	655	0	0	0	9	9	0	376	1,031		
Dist. of Columbia	0	0	0	0	0	0	335	0	0	0	0	0	335	335		
Florida	2,783	4,079	0	102	4,181	6,964	1,457	1,683	0	4,446	6,129	0	7,586	14,550		
Georgia	11,272	7,653	42	0	7,695	19,198	587	2,753	1,387	0	4,140	14	4,741	23,939		
Hawaii 11	707	69	0	0	776	776	79	308	0	0	387	0	387	1,163		
Idaho	2,474	2,279	0	1,609	3,888	6,579	46	77	279	572	928	0	974	7,553		
Illinois	7,383	10,306	850	240	11,396	18,787	1,474	1,487	541	3,791	5,819	1	7,294	26,081		
Indiana	6,971	5,723	0	159	5,882	12,853	213	1,784	0	2,599	4,383	0	4,596	17,449		
Iowa	4,757	12,951	0	558	13,509	18,266	113	337	0	1,816	2,266	0	2,052	20,532		
Kansas	6,133	20,999	0	5	21,004	27,137	29	0	0	1,989	1,989	0	2,018	29,155		
Kentucky	8,537	39	0	0	39	8,576	1,346	5	0	948	953	24	2,323	10,899		
Louisiana	8,647	0	0	0	0	8,664	1,008	542	0	1,360	1,902	0	2,910	11,574		
Maine	5,041	0	36	4	40	5,081	502	0	3	257	260	0	762	5,843		
Maryland	2,242	538	0	15	553	2,795	472	1,371	0	625	1,996	25	2,493	5,288		
Massachusetts	766	0	1,683	1	1,684	2,458	540	1	21	5,033	5,055	1	5,596	8,054		
Michigan	4,160	16,410	381	60	16,851	21,011	351	2,959	2,283	407	5,649	0	6,000	27,011		
Minnesota	6,617	15,423	107	29	15,423	22,157	312	1,546	17	1,644	3,207	0	3,519	25,676		
Mississippi	7,149	8,419	190	0	8,609	16,033	147	208	1,275	0	1,483	11	1,641	17,674		
Missouri	21,368	49	0	0	50	21,418	208	131	4	3,014	3,149	0	3,357	24,775		
Montana	3,190	6,098	0	9	6,107	10,077	16	165	0	342	507	0	523	10,600		
Nebraska	6,397	9,082	0	168	9,250	15,670	6	126	0	809	935	0	941	16,611		
Nevada	2,411	195	37	1	233	2,691	234	193	4	435	632	0	866	3,557		
New Hampshire	1,679	0	0	9	13	1,692	193	0	19	490	509	0	702	2,394		
New Jersey	328	1,566	67	99	1,732	2,061	262	2,808	144	1,892	4,844	0	5,106	7,167		
New Mexico	5,845	7	0	0	7	5,858	154	12	0	526	538	0	692	6,550		
New York	8,014	1,931	237	67	2,235	10,261	1,535	2,413	1,444	3,373	7,230	0	8,765	19,026		
North Carolina	11,342	0	0	1	1	11,599	3,139	0	0	857	857	41	4,037	15,636		
North Dakota	3,691	9,596	28	228	9,852	13,604	10	0	68	398	466	0	476	14,080		
Ohio 11	11,772	3,034	106	188	3,328	15,100	1,130	1,456	227	4,136	5,819	0	6,949	22,049		
Oklahoma	8,829	14,882	0	433	15,315	24,144	152	320	0	2,411	2,731	0	2,883	27,027		
Oregon	3,378	6,867	0	68	6,935	11,553	83	815	0	1,413	2,228	0	2,311	13,864		
Pennsylvania	12,896	10	168	34	212	13,108	4,406	241	910	1,388	2,539	0	6,945	20,053		
Rhode Island	180	0	0	0	0	256	492	0	405	8	413	0	905	1,161		
South Carolina	11,629	146	0	1	147	11,776	2,305	87	0	87	174	0	2,479	14,255		
South Dakota	4,580	10,317	291	37	10,645	15,917	692	60	21	342	423	0	433	16,350		
Tennessee	8,734	4	0	2	6	8,740	749	573	0	2,382	2,955	0	3,704	12,444		
Texas	44,287	690	0	19	709	45,023	3,830	1,046	0	9,744	10,790	0	14,620	59,643		
Utah	3,174	1,390	0	81	1,471	4,768	316	135	0	541	676	0	992	5,760		
Vermont	1,850	0	815	56	871	2,721	65	0	129	168	297	0	362	3,083		
Virginia 11	13,350	49	0	49	98	13,756	1,481	192	0	1,360	1,542	7	3,030	16,786		
Washington	3,343	6,805	181	0	6,986	10,329	235	1,759	1,832	339	3,930	0	4,165	14,494		
West Virginia 11	7,645	0	0	2	2	7,647	543	0	0	312	312	0	855	8,502		
Wisconsin	6,503	11,154	880	89	12,123	18,626	151	639	241	2,471	3,351	0	3,502	22,128		
Wyoming	3,355	500	0	20	520	4,170	100	128	0	391	519	0	619	4,789		
Total	332,286	220,252	6,377	5,434	232,063	570,603	33,848	33,703	13,183	90,314	137,200	152	171,200	741,803		

PUBLIC ROAD AND STREET MILEAGE - 1993  
FEDERAL-AID HIGHWAYS BY JURISDICTION 1

TABLE HM-14  
SHEET 3 OF 3  
NOVEMBER 1994

STATE	ALL FEDERAL-AID HIGHWAYS - RURAL AND URBAN					ALL NON-FEDERAL-AID HIGHWAYS - RURAL AND URBAN					TOTAL	
	UNDER STATE CONTROL <sup>5</sup>	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>6</sup>	TOTAL	UNDER STATE CONTROL <sup>5</sup>	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>6</sup>	TOTAL	UNDER FEDERAL CONTROL <sup>7</sup>	TOTAL
Alabama	10,819	8,717	2	3,935	12,654	45	23,518	211	49,465	0	67,584	68,691
Alaska	3,979	79	0	26	4,084	0	4,084	1,340	5,867	0	5,884	9,765
Arizona	5,779	2,972	61	3,275	12,611	524	12,611	950	10,734	950	29,400	13,387
Arkansas	15,731	3,523	0	1,508	20,818	56	20,818	503	45,989	0	56,374	77,192
California	15,172	17,696	0	20,381	38,077	488	38,077	3,481	48,524	0	45,056	17,927
Colorado	8,954	4,795	0	2,206	16,392	507	16,392	272	46,439	0	55,144	78,721
Connecticut	3,650	0	2,107	0	5,757	0	5,757	395	0	0	14,270	14,600
Delaware	1,415	0	0	10	1,425	3	1,428	3,472	0	0	644	4,116
Dist. of Columbia	429	0	0	0	429	22	451	613	0	0	0	656
Florida	11,859	5,810	0	4,551	10,361	0	10,361	2	50,734	0	89,276	90,588
Georgia	17,730	10,625	1,486	0	12,111	250	30,091	138	68,272	11,521	79,798	110,879
Hawaii 11	966	402	0	0	1,368	0	1,368	60	2,573	0	2,738	4,106
Idaho	4,959	2,362	282	2,250	4,894	217	10,070	164	11,508	1,107	25,438	23,163
Illinois	16,011	11,982	1,408	4,133	17,523	10	33,544	1,294	4,395	70,176	101,865	103,421
Indiana	11,283	7,657	0	3,046	10,703	0	21,986	79	58,544	0	70,388	92,374
Iowa	9,675	13,296	0	2,438	15,734	0	25,409	490	17,156	0	86,689	112,708
Kansas	10,559	20,998	0	2,283	23,281	0	33,940	13	90,063	0	99,303	133,256
Kentucky	13,277	44	0	956	1,000	24	14,329	38,987	5,015	44,002	0	58,331
Louisiana	12,466	592	1,471	1,471	2,063	17	14,546	1,798	30,912	0	9,367	40,279
Maine	6,751	0	38	260	7,049	0	7,049	1,798	11,542	0	13,489	15,461
Maryland	4,553	1,969	0	823	2,792	57	7,402	864	17,253	0	20,689	21,911
Massachusetts	3,100	1	1,721	5,860	7,582	10	10,692	555	3	7,484	19,209	30,563
Michigan	9,636	20,076	2,951	542	23,559	0	33,205	0	68,276	16,178	84,454	117,659
Minnesota	12,046	16,918	123	1,708	18,749	117	30,912	1,305	28,496	52,698	15,047	99,047
Mississippi	10,211	8,644	1,632	0	10,276	286	20,773	269	44,356	6,941	51,297	72,834
Missouri	26,759	247	5	3,354	3,606	0	30,365	5,428	71,253	7	85,155	839
Montana	7,066	6,332	0	407	6,739	780	14,585	1,111	38,186	0	40,516	55,183
Nebraska	9,921	9,228	0	1,092	10,320	23	20,284	332	51,899	13,685	71,990	72,438
Nevada	4,797	415	46	465	5,727	49	5,772	480	23,396	2,345	25,741	40,006
New Hampshire	2,700	0	23	568	3,291	0	3,291	1,320	0	6,538	10,191	14,938
New Jersey	2,732	4,598	211	2,024	6,833	1	9,566	540	3,434	4,887	24,951	35,097
New Mexico	9,123	0	0	704	9,862	6	9,862	2,410	42,963	0	1,133	44,096
New York	15,059	4,589	1,687	4,444	10,720	12	25,791	1,205	15,799	54,923	84,702	183
North Carolina	19,240	9,593	0	872	10,720	297	20,409	58,805	0	0	15,079	75,619
North Dakota	18,226	4,564	333	4,724	13,299	61	17,745	64	65,015	3,140	68,155	86,727
Ohio 11	12,820	15,234	0	3,139	18,373	0	31,193	286	72,215	2,302	83,642	113,823
Oklahoma	7,569	7,740	0	1,606	9,346	1,240	18,155	3,645	26,555	0	33,361	77,881
Oregon	24,058	2,699	1,114	1,551	2,934	0	26,992	20,304	68,745	5	68,750	90,046
Pennsylvania	16,956	233	0	89	322	0	17,278	24,725	19,634	0	21,553	46,880
Rhode Island	7,837	10,378	312	409	11,099	699	19,635	58	25,871	33,792	62,338	83,305
South Carolina	13,566	586	0	2,467	3,053	0	16,619	340	53,999	0	67,508	85,037
Tennessee	62,096	1,887	0	11,257	13,142	27	75,255	14,758	135,991	0	67,202	218,877
Texas	5,660	1,532	0	634	2,166	155	7,981	120	20,004	0	25,612	294,142
Utah	2,616	0	947	275	3,838	0	3,838	222	10,025	862	10,025	40,508
Vermont	18,517	266	0	1,414	1,680	413	20,610	37,925	1,215	0	8,280	14,166
Virginia 11	7,019	8,829	2,406	480	11,715	0	18,794	11,869	32,613	9,181	41,794	68,429
Washington	11,793	12,003	0	273	16,833	0	27,626	645	8,449	60,276	81,663	110,978
West Virginia 11	6,152	631	0	421	1,052	341	7,545	577	13,357	14	25,818	35,045
Wisconsin	551,901	258,274	20,634	107,680	386,588	6,737	945,226	247,768	1,486,200	494,330	2,537,588	2,969,495
Wyoming												
Total	551,901	258,274	20,634	107,680	386,588	6,737	945,226	247,768	1,486,200	494,330	2,537,588	2,969,495

<sup>1</sup> As summarized from the Highway Performance Monitoring System (HPMS) universe data.  
<sup>2</sup> The Intermodal Surface Transportation Efficiency Act (ISTEA) of December 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.  
<sup>3</sup> Includes the entire rural Principal Arterial System (Interstate, Other Principal Arterial).  
<sup>4</sup> Includes the entire urban Principal Arterial System (Interstate, Other Freeways and Expressways, Other Principal Arterial).  
<sup>5</sup> Includes State highway agency, State park, State toll and other State agency roadways.  
<sup>6</sup> Includes mileage not identified by administrative authority. Contains mainly municipal mileage for urban summaries.  
<sup>7</sup> Mileage in Federal parks, forests, and reservations that are not part of the State and local highway systems.  
<sup>8</sup> Includes rural Minor Arterial and Major Collector Systems.  
<sup>9</sup> Includes urban Minor Arterial and Collector Systems.  
<sup>10</sup> Includes rural Minor Arterial and Local and urban Local Systems.  
<sup>11</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.



PUBLIC ROAD AND STREET MILEAGE - 1993<sup>1</sup>  
 BY FUNCTIONAL SYSTEM

TABLE HM-20  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

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	602	2,082	3,684	11,756	6,419	48,285	72,828	297	21	961	1,973	2,142	13,987	19,381	
Alaska	1,033	327	927	7,547	1,006	7,547	12,107	54	0	205	57	214	1,212	13,849	
Arizona	987	1,193	1,243	4,541	2,365	29,094	39,423	202	70	1,077	1,230	2,068	11,693	56,763	
Arkansas	412	2,167	2,984	12,549	6,748	69,597	88,140	131	94	593	983	905	7,595	77,192	
California	1,356	6,862	9,374	53,709	9,374	88,140	106,731	1,067	1,393	6,134	9,973	10,113	52,381	81,061	
Colorado	768	2,199	3,682	44,161	9,134	65,818	82,616	186	216	826	1,363	1,278	9,034	12,903	
Connecticut	101	263	496	1,139	700	6,115	8,814	242	197	602	1,411	1,306	7,785	11,543	
Delaware	0	210	105	550	171	2,639	3,675	41	9	367	159	217	1,306	1,869	
Dist. of Columbia	0	0	0	0	0	0	0	14	19	83	178	157	656	1,107	
Florida	1,019	3,653	2,393	4,571	5,239	46,755	63,630	424	284	2,290	2,408	5,178	38,594	49,178	
Georgia	809	2,758	5,573	13,625	7,345	54,495	84,605	434	167	1,984	2,627	2,114	18,948	26,274	
Hawaii 2	0	10	357	419	91	1,430	2,307	44	53	283	148	239	1,217	1,799	
Idaho	532	1,683	1,166	5,413	3,775	42,850	55,419	79	0	223	467	507	2,140	3,416	
Illinois	1,421	2,753	4,816	13,971	3,694	75,129	101,784	630	80	2,579	3,739	3,555	24,598	35,181	
Indiana	825	1,717	2,251	10,602	9,816	47,901	73,112	313	135	1,547	2,409	2,187	12,671	19,282	
Iowa	636	3,404	3,958	14,308	16,283	64,901	103,450	147	0	690	1,344	922	6,115	9,218	
Kansas	698	3,162	4,301	22,836	9,219	83,460	123,676	173	128	624	1,067	951	6,637	9,580	
Kentucky	540	1,928	1,593	41,958	9,491	41,958	62,493	221	93	624	1,178	1,145	6,882	10,139	
Louisiana	608	1,622	2,643	4,180	3,166	45,833	55,833	263	45	841	1,608	1,302	9,707	13,766	
Maine	312	657	1,165	3,916	1,589	12,288	19,927	54	17	166	280	482	1,584	2,251	
Maryland	227	548	953	1,842	1,838	10,234	15,642	255	224	860	1,193	1,300	9,839	13,671	
Massachusetts	162	324	663	1,146	6,837	403	10,927	403	199	1,550	3,085	2,511	11,888	30,563	
Michigan	741	2,747	3,895	17,116	6,318	58,668	89,485	499	221	1,986	3,401	2,599	19,468	28,174	
Minnesota	681	3,569	6,190	15,967	11,731	76,935	115,073	233	130	623	1,896	1,623	10,381	14,886	
Mississippi	558	1,748	3,924	12,109	2,438	44,153	64,930	127	40	626	669	972	5,470	72,834	
Missouri	812	3,056	3,377	18,041	5,426	74,925	105,637	366	276	1,080	1,725	1,632	11,071	16,150	
Montana	1,137	2,622	2,986	7,091	9,078	44,474	67,388	53	11	173	233	290	1,631	2,380	
Nebraska	437	2,744	4,184	11,486	8,842	59,955	87,648	44	0	417	532	409	3,641	5,054	
Nevada	480	1,394	721	1,970	2,456	34,160	41,181	65	32	244	393	473	3,390	45,778	
New Hampshire	176	459	491	1,231	1,069	8,511	12,069	48	40	174	432	270	1,905	2,869	
New Jersey	113	517	372	1,689	1,035	7,342	11,068	300	306	1,163	3,094	2,012	17,154	24,029	
New Mexico	907	1,799	1,892	3,966	2,418	43,979	54,961	91	3	512	318	374	4,553	5,851	
New York	797	1,960	4,219	6,042	10,736	48,835	72,589	703	867	2,448	4,723	4,042	26,520	39,293	
North Carolina	633	2,182	2,968	8,631	7,591	52,300	74,305	337	260	1,361	2,354	1,683	15,728	21,723	
North Dakota 2	531	2,930	2,517	7,482	60,362	84,909	82,516	40	0	164	261	215	1,138	1,818	
Ohio 2	847	1,690	3,304	11,076	7,111	57,507	82,255	726	381	2,154	2,794	4,155	21,358	31,568	
Oklahoma	715	2,270	2,842	21,302	3,088	69,456	99,673	214	136	831	1,916	967	8,730	12,794	
Oregon	581	2,841	2,218	9,335	7,777	63,256	86,008	146	53	670	1,038	1,273	6,848	10,028	
Pennsylvania	1,079	2,595	5,071	8,037	7,950	59,690	84,422	509	485	2,271	3,286	3,659	22,406	32,616	
Rhode Island	21	62	80	176	151	844	1,334	49	68	351	368	537	3,350	4,723	
South Carolina	668	1,447	3,662	8,114	3,802	35,944	53,637	142	70	696	1,002	1,477	7,134	10,521	
South Dakota	631	2,465	3,238	12,679	6,609	55,823	81,445	47	3	139	239	194	1,238	1,860	
Tennessee	740	1,717	3,441	10,835	5,299	46,484	68,516	322	114	1,282	2,082	1,622	11,099	16,521	
Texas	2,203	6,353	9,478	35,545	18,593	142,838	215,010	1,031	1,212	4,823	7,017	7,603	57,446	79,132	
Utah	769	1,008	1,539	3,229	3,982	23,875	34,402	168	9	267	514	478	4,670	6,106	
Vermont	280	318	734	1,987	913	8,610	12,842	40	20	97	151	211	805	1,324	
Virginia 2	788	1,524	3,542	10,214	2,399	34,381	52,848	194	194	1,000	1,635	1,395	11,039	15,581	
Washington	501	2,111	1,959	8,360	6,381	42,888	62,210	262	302	1,064	2,128	2,037	11,425	17,218	
West Virginia	456	976	1,564	6,083	2,330	20,499	31,908	94	9	205	419	436	1,974	3,137	
Wisconsin	495	3,415	5,042	13,584	6,395	66,456	95,387	143	178	1,267	2,023	1,479	10,501	15,591	
Wyoming	827	1,634	1,674	2,496	7,640	20,985	35,256	87	3	205	151	468	1,472	2,386	
Total	32,652	96,201	137,928	482,675	282,361	2,119,826	3,101,643	12,878	8,857	52,835	85,822	85,378	557,308	803,078	
Percent - Area	1.1	3.1	4.4	13.9	9.1	68.4	100.0	1.6	1.1	6.6	10.7	10.6	69.4	100.0	
Percent - Total	0.8	2.5	3.5	11.1	7.2	54.3	79.4	0.3	0.2	3.3	2.2	2.2	14.3	20.6	

1 When comparing 1992 to 1993 data, the analyst should be aware that the 1993 urban/rural split of mileage has been impacted by urban boundary changes and functional reclassifications.  
 2 1992 data used (1993 data not available). For North Dakota, the rural Minor Collector mileage has been estimated by FHWA.

FEDERAL-AID HIGHWAYS - 1993 1 MILEAGE BY TYPE OF SURFACE

( THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM 2 )

TABLE HM-31 SHEET 1 OF 2 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993 COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, INTERSTATE SYSTEM 5, INTERIM NATIONAL HIGHWAY SYSTEM OTHER 7, TOTAL RURAL AND URBAN, and sub-columns for Rural and Urban Mileage (Paved 4, Paved 4, Paved 4) categorized by Flex-Ble 3, Inter-Mediate Type 6, and High Type (Compos, Rigid, High Type Inter-Mediate Type 6, Flex-Ble 3, Paved 4 High Type Inter-Mediate Type 6, Flex-Ble 3, Paved 4 High Type Inter-Mediate Type 6, Flex-Ble 3). Rows list states from Alabama to Wyoming and a Total/Percent/System row.



FEDERAL - AID HIGHWAYS - 1993 1  
MILEAGE BY LANE WIDTH

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM 2.)

TABLE HM-33  
SHEET 1 OF 2  
NOVEMBER 1993

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, INTERSTATE SYSTEM 3, RURAL MILEAGE, URBAN MILEAGE, INTERIM NATIONAL HIGHWAY SYSTEM, OTHER 4, URBAN MILEAGE, RURAL MILEAGE, INTERIM NATIONAL HIGHWAY SYSTEM, and TOTAL RURAL AND URBAN. Rows list states and their highway mileage by lane width.

FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>  
MILEAGE BY LANE WIDTH

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-33  
SHEET 2 OF 2  
NOVEMBER 1994

Table with columns: STATE, OTHER FEDERAL-AID HIGHWAYS - RURAL 6, OTHER FEDERAL-AID HIGHWAYS - URBAN 7, OTHER FEDERAL-AID HIGHWAYS - TOTAL, LANE WIDTH IN FEET (9, 10, 11, 12, >12), and TOTAL. Rows include Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Dist. of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and Total Percent/System.

1 As expanded from the Highway Performance Monitoring System (HPMS) standard sample data.  
2 The Intermodal Surface Transportation Efficiency Act (ISTEA) of December 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.  
3 Although the Interstate System is part of the National Highway System, its mileage is shown separately.  
4 Includes the entire non-Interstate Principal Arterial System (Other Principal Arterial and Other Freeways

and Expressways).  
5 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.  
6 Includes rural Minor Arterial and Major Collector Systems.  
7 Includes urban Minor Arterial and Collector Systems.





FEDERAL - AID HIGHWAYS - 1993 1  
MILEAGE BY TRAFFIC LANES, ACCESS CONTROL AND STATES

TABLE HM-35  
SHEET 2 OF 2  
NOVEMBER 1994

Table with columns for STATE, FEDERAL-AID HIGHWAYS-RURAL, FEDERAL-AID HIGHWAYS-URBAN, and FEDERAL-AID HIGHWAYS-TOTAL. Rows include states like Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Dist. of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and a Total row.

1 As summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data for the National Highway System (NHS) and as expanded from the HPMS standard sample data for other federal-aid highways. This table reflects the prevailing number of lanes (excluding parking and turning lanes) carrying through traffic during the off-peak period.  
2 The Intermodal Surface Transportation Efficiency Act (ISTEA) of December, 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.  
3 Includes 3-lane roadways, one-way streets, undivided 4-lane highways, etc; for Interstate, this also includes 2-lane roadways.  
4 Although the Interstate System is part of the National Highway System, its mileage is shown separately.  
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 direct driveway connections, there may be some crossings at grade with public roads, but direct private driveway connections have been minimized.  
6 Includes the entire non-Interstate Principal Arterial System (Other Principal Arterial and Other Freeways and Expressways).  
7 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.  
8 Includes rural Minor Arterial and Major Collector Systems.  
9 Includes urban Minor Arterial and Collector Systems.

# FEDERAL - AID HIGHWAYS - 1993 <sup>1</sup>

## MILEAGE BY TRAFFIC LANES AND ACCESS CONTROL

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM <sup>2</sup>)

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-36  
NOVEMBER 1994

TRAFFIC LANES AND ACCESS CONTROL <sup>3</sup>	INTERIM NATIONAL HIGHWAY SYSTEM						OTHER FEDERAL - AID HIGHWAYS <sup>6</sup>		ALL FEDERAL- AID HIGHWAYS	
	INTERSTATE <sup>4</sup>		OTHER <sup>5</sup>		TOTAL		MILEAGE	PERCENT	MILEAGE	PERCENT
	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT				
<b>Rural:</b>										
One-way streets	24	0.1	121	0.1	145	0.1	574	0.1	719	0.1
2 lanes	1,046	3.2	73,091	76.0	74,137	57.6	559,565	98.0	633,702	90.5
3 lanes	7	0.0	1,641	1.7	1,648	1.3	883	0.2	2,531	0.4
4 or more lanes - undivided	1,840	5.6	3,583	3.7	5,423	4.2	4,080	0.7	9,503	1.4
Divided highways - 4 or more lanes:										
Degree of access control: <sup>7</sup>										
None	26	0.1	8,482	8.8	8,508	6.6	3,868	0.7	12,376	1.8
Partial	95	0.3	4,713	4.9	4,808	3.7	1,503	0.3	6,311	0.9
Full	29,614	90.7	4,570	4.8	34,184	26.5	130	0.0	34,314	4.9
<b>Total Rural</b>	<b>32,652</b>	<b>100.0</b>	<b>96,201</b>	<b>100.0</b>	<b>128,853</b>	<b>100.0</b>	<b>570,603</b>	<b>100.0</b>	<b>699,456</b>	<b>100.0</b>
<b>Small urban area:</b>										
One-way streets	1	0.1	331	2.4	332	2.1	424	1.1	756	1.4
2 lanes	9	0.5	6,653	47.8	6,662	42.7	36,479	91.1	43,141	77.4
3 lanes	0	0.0	238	1.7	238	1.5	285	0.7	523	0.9
4 or more lanes - undivided	32	1.9	3,056	21.9	3,088	19.7	2,022	5.0	5,110	9.2
Divided highways - 4 or more lanes:										
Degree of access control: <sup>7</sup>										
None	1	0.1	1,827	13.1	1,828	11.7	680	1.7	2,508	4.5
Partial	5	0.3	1,072	7.7	1,077	6.9	145	0.4	1,222	2.2
Full	1,662	97.1	752	5.4	2,414	15.4	20	0.0	2,434	4.4
<b>Total Small Urban Area</b>	<b>1,710</b>	<b>100.0</b>	<b>13,929</b>	<b>100.0</b>	<b>15,639</b>	<b>100.0</b>	<b>40,055</b>	<b>100.0</b>	<b>55,694</b>	<b>100.0</b>
<b>Urbanized Area:</b>										
One-way streets	9	0.1	1,415	3.0	1,424	2.4	3,072	2.3	4,496	2.4
2 lanes	10	0.1	14,658	30.6	14,668	24.9	104,220	79.4	118,888	62.5
3 lanes	3	0.0	625	1.3	628	1.1	1,146	0.9	1,774	0.9
4 or more lanes - undivided	281	2.5	10,875	22.8	11,156	18.9	13,082	10.0	24,238	12.8
Divided highways - 4 or more lanes:										
Degree of access control: <sup>7</sup>										
None	97	0.9	10,534	22.1	10,631	18.0	8,650	6.6	19,281	10.1
Partial	34	0.3	3,680	7.7	3,714	6.3	853	0.7	4,567	2.4
Full	10,734	96.1	5,976	12.5	16,710	28.4	122	0.1	16,832	8.9
<b>Total Urbanized Area</b>	<b>11,168</b>	<b>100.0</b>	<b>47,763</b>	<b>100.0</b>	<b>58,931</b>	<b>100.0</b>	<b>131,145</b>	<b>100.0</b>	<b>190,076</b>	<b>100.0</b>
<b>Total Urban:</b>										
One-way streets	10	0.1	1,746	2.8	1,756	2.4	3,496	2.0	5,252	2.1
2 lanes	19	0.1	21,311	34.6	21,330	28.6	140,699	82.3	162,029	66.0
3 lanes	3	0.0	863	1.4	866	1.2	1,431	0.8	2,297	0.9
4 or more lanes - undivided	313	2.4	13,931	22.6	14,244	19.1	15,104	8.8	29,348	11.9
Divided highways - 4 or more lanes:										
Degree of access control: <sup>7</sup>										
None	98	0.8	12,361	20.0	12,459	16.7	9,330	5.4	21,789	8.9
Partial	39	0.3	4,752	7.7	4,791	6.4	998	0.6	5,789	2.4
Full	12,396	96.3	6,728	10.9	19,124	25.6	142	0.1	19,266	7.8
<b>Total Urban</b>	<b>12,878</b>	<b>100.0</b>	<b>61,692</b>	<b>100.0</b>	<b>74,570</b>	<b>100.0</b>	<b>171,200</b>	<b>100.0</b>	<b>245,770</b>	<b>100.0</b>
<b>Total Rural and Urban</b>	<b>45,530</b>	<b>-</b>	<b>157,893</b>	<b>-</b>	<b>203,423</b>	<b>-</b>	<b>741,803</b>	<b>-</b>	<b>945,226</b>	<b>-</b>

<sup>1</sup> As summarized from the Highway Performance Monitoring System (HPMS) universe data for the National Highways System (NHS) and as expanded from the HPMS standard sample data for other Federal-aid highways from reports of 50 States and the District of Columbia. For West Virginia, 1992 data were factored to 1993 levels by FHWA. For Hawaii, Ohio and Virginia, 1992 data were used (1993 data not available).

<sup>2</sup> The Intermodal Surface Transportation Efficiency Act (ISTEA) of December 1991 established the entire Principal Arterial System as the Interim NHS until the U.S. Congress approves an official NHS.

<sup>3</sup> This table reflects the prevailing number of lanes (excluding parking and turning lanes) carrying through traffic during the off-peak period.

<sup>4</sup> Although the Interstate System is part of the National Highway System, its mileage is shown separately.

<sup>5</sup> Includes the entire non-Interstate Principal Arterial System (Other Principal Arterial and Other Freeways and Expressways).

<sup>6</sup> Includes rural Minor Arterial and Major Collector, and urban Minor Arterial and Collector Systems.

<sup>7</sup> 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 HIGHWAYS - 1993<sup>1</sup>**  
**MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME**

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM<sup>2</sup>)

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-37  
 SHEET 1 OF 3  
 NOVEMBER 1994

STATE	INTERSTATE SYSTEM <sup>3</sup>										OTHER <sup>4</sup>										TOTAL
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	15,000 AND OVER					TOTAL			
	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	3,000-3,999	4,000-4,999		5,000-9,999	10,000-14,999	15,000 AND OVER	TOTAL					
Alabama	0	9	298	295	602	17	169	210	338	269	704	251	124	2,082	2,684						
Alaska	984	23	23	3	1,033	146	81	36	25	9	26	4	0	327	1,360						
Arizona	63	209	562	163	987	13	71	180	232	405	405	37	23	1,193	2,180						
Arkansas	0	0	220	192	412	52	195	349	407	346	660	86	72	2,579	2,579						
California	0	92	432	832	1,356	82	293	353	456	234	1,111	517	749	3,795	5,151						
Colorado	70	377	152	169	768	261	508	462	310	201	286	128	43	2,199	2,967						
Connecticut	0	0	22	79	101	0	0	4	3	24	71	69	92	364	364						
Delaware	0	0	0	0	0	10	0	0	0	0	45	52	103	210	210						
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Florida	1	45	337	636	1,019	45	126	357	532	392	1,054	619	528	3,653	4,672						
Georgia	1	71	218	519	809	33	260	356	493	425	924	184	83	2,758	3,567						
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	1	7	2	10	10						
Idaho	209	134	183	6	532	263	524	385	206	128	146	25	6	1,683	2,215						
Illinois	14	207	939	261	1,421	27	300	571	603	455	669	102	26	2,753	4,174						
Indiana	0	50	292	483	825	0	17	13	88	247	820	310	222	1,717	2,542						
Iowa	18	121	324	173	636	37	555	1,019	579	403	579	48	6	3,404	4,040						
Kansas	47	382	247	22	698	156	914	861	523	363	285	37	23	3,162	3,860						
Kentucky	0	0	190	350	540	1	56	125	158	265	1,004	230	89	1,928	2,468						
Louisiana	9	138	163	298	608	0	214	216	151	151	398	89	90	1,215	1,823						
Maine	61	73	101	77	312	0	75	72	78	104	238	21	6	657	969						
Maryland	0	14	59	154	227	0	15	15	18	21	90	153	251	548	775						
Massachusetts	0	0	24	138	162	4	8	4	19	29	101	46	46	324	486						
Michigan	31	82	259	369	741	76	300	328	407	379	766	188	303	2,747	3,488						
Minnesota	28	253	288	112	681	195	630	811	595	391	644	231	72	3,569	4,250						
Mississippi	0	140	301	117	558	15	91	304	385	219	511	144	79	1,748	2,306						
Missouri	15	53	356	388	812	51	301	332	390	442	1,011	374	155	3,056	3,868						
Montana	891	220	26	0	1,137	739	1,124	367	173	36	153	27	3	2,622	3,759						
Nebraska	91	18	277	51	437	583	989	446	263	210	226	21	6	2,744	3,181						
Nevada	189	162	92	37	480	490	556	94	59	127	16	25	27	1,394	1,874						
New Hampshire	17	28	78	53	176	0	18	18	51	46	182	100	53	459	635						
New Jersey	0	0	9	104	113	0	1	7	10	25	112	128	234	517	630						
New Mexico	279	120	436	72	907	307	434	464	193	50	169	130	52	1,799	2,706						
New York	5	190	266	336	797	25	131	125	220	265	817	225	151	1,960	2,757						
North Carolina	0	60	131	442	633	6	56	179	149	177	932	431	252	2,182	2,815						
North Dakota	325	198	8	0	531	1,600	916	243	104	24	31	12	0	2,930	3,461						
Ohio <sup>5</sup>	2	11	184	650	847	4	48	94	149	222	687	301	185	1,690	2,537						
Oklahoma	27	74	526	88	715	114	483	378	386	267	489	184	19	2,270	2,985						
Oregon	10	231	167	173	581	483	520	325	366	316	611	120	100	2,841	3,422						
Pennsylvania	0	23	695	361	1,079	6	87	245	220	217	853	501	466	2,595	3,674						
Rhode Island	0	0	21	0	21	0	7	9	6	7	12	13	8	62	83						
South Carolina	0	0	192	476	668	8	48	234	282	160	468	174	123	1,447	2,115						
South Dakota	311	283	35	2	631	947	898	370	84	88	75	3	0	2,465	3,096						
Tennessee	13	2	101	624	740	8	112	162	221	242	686	202	84	1,717	2,457						
Texas	360	567	791	485	2,203	313	887	859	831	689	1,916	480	378	6,353	8,556						
Utah	236	359	135	39	769	114	284	201	178	17	161	45	8	1,008	1,777						
Vermont	87	38	144	11	280	0	5	20	40	70	146	34	3	318	598						
Virginia <sup>5</sup>	0	45	184	559	788	2	0	21	47	117	787	354	196	1,524	2,312						
Washington	10	122	169	200	501	117	294	445	285	318	410	137	105	2,111	2,612						
West Virginia <sup>5</sup>	3	59	212	182	456	0	0	46	70	115	507	143	95	976	1,432						
Wisconsin	0	0	195	300	495	0	212	566	552	447	1,262	240	136	3,415	3,910						
Wyoming	458	334	827	0	827	262	988	243	76	37	26	2	0	1,634	2,461						
Total	4,865	5,617	11,078	11,092	32,652	7,612	14,570	13,524	12,223	9,886	24,394	8,033	5,959	96,201	128,853						
Percent/System	14.9	17.2	33.9	34.0	100.0	7.9	15.1	14.1	12.7	10.3	25.3	8.4	6.2	100.0	-						

**FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>**  
**MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME**  
 (THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM<sup>2</sup>)

TABLE HM-37  
 SHEET 2 OF 3  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERIM NATIONAL HIGHWAY SYSTEM - URBAN											OTHER 6											TOTAL						
	INTERSTATE SYSTEM 3						AVERAGE DAILY TRAFFIC VOLUME					AVERAGE DAILY TRAFFIC VOLUME					TOTAL												
	AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		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 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	TOTAL	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	TOTAL		LESS THAN 5,000	5,000-9,999	10,000-14,999	15,000-19,999	20,000-29,999	30,000-39,999
Alabama	21	138	90	32	16	297	65	217	196	158	202	99	45	982	1,279														
Alaska	15	28	11	0	0	54	5	10	9	9	15	6	3	57	111														
Arizona	29	100	16	23	34	202	75	121	156	116	282	237	160	1,147	1,349														
Arkansas	4	55	44	27	1	131	93	210	159	118	84	14	9	687	818														
California	13	49	105	216	684	1,067	384	696	803	921	1,875	1,223	1,625	7,527	8,594														
Colorado	52	33	24	40	37	186	83	156	175	145	216	154	113	1,042	1,228														
Connecticut	1	19	52	98	72	242	15	132	189	157	154	62	90	799	1,041														
Delaware	0	9	8	18	6	41	10	4	16	27	54	25	10	146	187														
Dist. of Columbia	0	0	2	4	8	14	1	0	4	6	30	33	28	116	116														
Florida	4	80	97	121	122	424	60	189	263	308	694	503	557	2,574	2,998														
Georgia	2	85	119	109	119	434	259	514	487	325	322	140	104	2,151	2,585														
Hawaii 5	4	0	10	10	20	44	2	8	11	16	40	33	41	151	195														
Iaaho	26	30	23	0	0	79	25	65	47	38	38	4	1	223	302														
Illinois	49	202	120	105	154	630	148	493	564	416	587	313	138	2,659	3,289														
Indiana	12	140	46	72	43	313	82	305	501	248	379	134	33	1,682	1,995														
Iowa	18	83	36	0	0	147	133	264	142	75	65	9	2	690	837														
Kansas	42	73	104	23	11	273	104	144	166	144	80	29	15	752	925														
Kentucky	2	59	27	58	25	221	28	139	163	121	160	66	36	713	934														
Louisiana	27	92	82	34	28	263	71	238	159	119	165	77	57	886	1,149														
Maine	18	24	11	0	0	54	5	42	63	39	29	5	0	183	237														
Maryland	2	255	20	50	121	255	94	135	123	286	188	236	1084	1,339	1,339														
Massachusetts	1	54	134	129	85	403	71	210	691	327	167	190	190	1,749	2,152														
Michigan	18	103	158	111	109	499	67	247	374	406	513	282	318	2,207	2,706														
Minnesota	13	39	69	68	44	233	87	174	133	89	115	56	99	753	986														
Mississippi	11	82	24	10	0	127	80	192	152	134	66	38	4	666	793														
Missouri	16	82	78	94	96	366	89	252	254	206	355	121	79	1,356	1,722														
Montana	39	14	0	0	0	53	31	50	38	32	17	4	1	173	226														
Nebraska	5	19	8	8	4	44	57	106	94	42	70	36	13	428	472														
Nevada	22	13	10	20	0	65	16	40	51	56	44	39	31	276	341														
New Hampshire	0	21	20	7	0	48	7	34	58	34	50	14	17	214	262														
New Jersey	10	32	80	102	76	300	57	136	208	238	251	175	404	1,469	1,769														
New Mexico	30	32	9	11	73	191	73	128	85	78	76	48	27	515	606														
New York	40	255	146	147	115	703	161	524	666	566	566	264	568	3,305	4,008														
North Carolina	0	104	144	77	12	337	89	319	372	295	323	144	79	1,621	1,958														
North Dakota	28	10	2	0	0	40	57	49	30	14	13	1	0	164	204														
Ohio 5	5	175	239	207	100	726	123	505	625	537	522	131	92	2,535	3,261														
Oklahoma	17	71	56	63	7	214	108	251	207	162	137	30	72	967	1,181														
Oregon	19	31	24	35	37	146	48	137	155	124	137	63	59	723	869														
Pennsylvania	10	207	157	109	26	509	132	429	565	492	646	301	191	2,766	3,265														
Rhode Island	0	14	13	2	20	49	11	88	120	57	99	34	10	468	468														
South Carolina	6	47	47	37	5	142	23	140	154	137	197	77	38	766	908														
South Dakota	25	22	0	0	0	47	32	42	42	20	19	4	0	142	189														
Tennessee	5	84	105	103	25	322	60	237	306	213	345	165	70	1,395	1,718														
Texas	98	234	235	203	261	1,031	1,210	1,012	1,197	843	872	388	513	6,035	7,066														
Utah	24	28	45	55	16	168	18	25	41	54	69	49	20	276	444														
Vermont	7	30	3	0	0	40	10	36	43	20	7	1	0	117	157														
Virginia 5	5	92	61	82	78	318	103	261	113	219	175	170	153	1,194	1,512														
Washington	9	36	63	46	108	262	59	214	281	273	298	121	120	1,366	1,628														
West Virginia 5	1	65	18	10	0	94	13	46	52	54	42	7	0	214	308														
Wisconsin	6	48	34	17	38	143	104	391	376	221	203	85	65	1,445	1,588														
Wyoming	83	4	0	0	0	87	70	81	35	16	6	0	0	208	295														
Total	894	3,367	3,029	2,816	2,772	12,878	4,736	10,474	11,902	9,602	12,157	6,295	6,526	61,692	74,570														
Percent/System	6.9	26.2	23.5	21.9	21.5	100.0	7.7	17.0	19.3	15.6	19.6	10.2	10.6	61.692	100.0														





**FEDERAL - AID HIGHWAYS - 1993 1**  
**MILEAGE BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME**  
 (THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM 2)

TABLE HM-39  
 SHEET 2 OF 3  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERIM NATIONAL HIGHWAY SYSTEM - URBAN										TOTAL				
	INTERSTATE SYSTEM 3					OTHER 6									
	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 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	TOTAL
Undivided:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	330
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,882
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,966
12 feet	15	8	0	0	0	15	8	0	0	0	15	8	0	0	21,442
Greater than 12 feet	5	0	0	0	0	5	0	0	0	0	5	0	0	0	3,632
<b>Total Undivided</b>	<b>20</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>32</b>	<b>4,068</b>	<b>8,303</b>	<b>8,773</b>	<b>5,763</b>	<b>5,186</b>	<b>1,722</b>	<b>472</b>	<b>34,319</b>	
Divided:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
No access control:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	638
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,683
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,041
12 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	728
Greater than 12 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,153
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Partial access control: 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	425
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,190
12 feet	3	7	2	0	0	12	124	718	800	740	1,434	604	758	160	
Greater than 12 feet	0	5	0	0	0	5	7	29	32	26	39	9	13	5,863	
Subtotal	3	12	2	0	0	17	134	772	890	851	1,642	677	880	5,846	
Full access control: 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
12 feet	830	3,253	2,957	17	21	42	83	269	578	544	964	834	2,861	18,670	
Greater than 12 feet	41	89	50	17	6	203	1	2	3	6	48	7	6	276	
Subtotal	871	3,346	3,026	2,814	2,770	12,827	85	277	590	575	1,035	887	2,959	6,408	
<b>Total Divided</b>	<b>874</b>	<b>3,358</b>	<b>3,029</b>	<b>2,815</b>	<b>2,770</b>	<b>12,846</b>	<b>668</b>	<b>2,171</b>	<b>3,129</b>	<b>3,839</b>	<b>6,971</b>	<b>4,573</b>	<b>6,054</b>	<b>27,405</b>	
<b>Total</b>	<b>894</b>	<b>3,367</b>	<b>3,029</b>	<b>2,816</b>	<b>2,772</b>	<b>12,878</b>	<b>4,736</b>	<b>10,474</b>	<b>11,902</b>	<b>9,602</b>	<b>12,157</b>	<b>6,295</b>	<b>6,526</b>	<b>74,570</b>	



FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>  
MILEAGE BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-39  
SHEET 3 OF 3  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	OTHER FEDERAL - AID HIGHWAYS <sup>7</sup>														TOTAL
	RURAL							URBAN							
	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 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER	TOTAL	
Undivided:	2,146	5,913	1,875	921	18	0	10,873	819	948	544	226	67	10	2,614	
Less than 9 feet	4,533	13,806	8,973	14,837	370	88	42,607	2,720	4,135	1,802	1,124	509	25	10,315	
9 feet	8,069	46,517	33,817	50,882	2,947	606	142,838	5,039	10,926	5,937	6,868	3,221	713	32,704	
10 feet	10,558	32,807	25,948	53,154	5,255	840	128,562	2,173	7,959	4,894	6,604	4,074	707	154,873	
11 feet	12,372	51,772	38,583	98,221	16,790	2,892	220,630	6,416	16,713	13,322	18,723	10,832	1,657	288,293	
12 feet	2,289	3,740	1,871	8,574	1,768	346	18,588	1,589	4,745	3,287	5,570	2,720	293	18,204	
Greater than 12 feet															
Total Undivided	39,967	154,555	111,067	226,589	27,148	4,772	564,098	18,756	45,326	29,786	39,115	21,423	3,405	157,811	
Divided:															
No access control:															
Less than 9 feet:	0	0	0	6	10	0	16	5	0	0	7	8	4	24	
9 feet	0	0	0	0	0	1	1	3	15	3	9	28	9	67	
10 feet	0	0	0	149	72	41	262	13	126	32	175	192	172	710	
11 feet	0	57	0	285	71	118	531	44	72	114	314	837	516	1,897	
12 feet	0	30	102	1,618	1,173	968	3,891	67	399	500	1,820	3,063	2,169	8,018	
Greater than 12 feet	0	0	0	66	67	19	152	9	88	118	516	376	121	1,228	
Subtotal	0	87	102	2,124	1,393	1,147	4,853	141	700	767	2,841	4,504	2,991	11,944	
Partial access control: <sup>5</sup>															
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9 feet	0	0	0	1	0	0	1	0	0	0	0	0	0	0	
10 feet	0	0	0	1	0	0	1	0	6	4	34	18	1	63	
11 feet	0	0	0	0	0	0	0	0	0	16	23	49	37	126	
12 feet	0	12	24	464	476	506	1,482	26	74	90	293	371	175	1,029	
Greater than 12 feet	0	0	0	1	0	3	4	0	7	5	19	13	10	54	
Subtotal	0	12	24	467	476	509	1,488	27	87	122	369	451	224	1,280	
Full access control: <sup>5</sup>															
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12 feet	0	0	0	0	0	0	0	0	0	16	4	17	0	37	
Greater than 12 feet	0	0	0	37	57	41	164	4	2	1	9	34	74	288	
Subtotal	0	0	0	37	57	41	164	4	2	21	13	51	74	165	
Total Divided	0	99	155	2,628	1,926	1,697	6,505	172	789	910	3,223	5,006	3,289	13,389	
Total	39,967	154,654	111,222	229,217	29,074	6,469	570,603	18,928	46,115	30,696	42,338	26,429	6,694	171,200	

<sup>1</sup> As expanded from the Highway Performance Monitoring System (HPMS) standard sample data from reports of 50 States and the District of Columbia. For West Virginia, 1992 data were factored to 1993 levels by FHWA. For Hawaii, Ohio and Virginia, 1992 data were used (1993 data not available).

<sup>2</sup> The Intermodal Surface Transportation Efficiency Act (ISTEA) of December 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.

<sup>3</sup> Although the Interstate System is part of the National Highway System, its mileage is shown separately.

<sup>4</sup> Includes the entire rural non-interstate Principal Arterial System.

<sup>5</sup> 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 driveway connections have been minimized.

<sup>6</sup> Includes the entire non-interstate urban Principal Arterial System (Other Freeways and Expressways and Other Principal Arterial).

<sup>7</sup> Includes rural Minor Arterial and Major Collector, and urban Minor Arterial and Collector Systems.

## INTERSTATE SYSTEM MILEAGE - 1993

### FREE, TOLL AND OTHER DESIGNATED CATEGORIES

### UNADJUSTED DATA

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-45  
 NOVEMBER 1994

STATE	INTERSTATE SYSTEM									DESIGNATED		
	COMPLETED AND OPEN TO TRAFFIC									FUTURE INTERSTATE		
	TITLE 23 U.S.C., SECTIONS 103(E)(1) <sup>1</sup> , 103(E)(2) <sup>2</sup> , 103(E)(3) <sup>3</sup> AND 139(C) <sup>4</sup>			TITLE 23 U.S.C., SECTION 139(A) <sup>5</sup>						TITLE 23 U.S.C., SECTION 139(B) <sup>6</sup>		
				APPROVED MARCH 9, 1984, OR LATER			APPROVED PRIOR TO MARCH 9, 1984					
	FREE	TOLL <sup>7</sup>	TOTAL	FREE	TOLL	TOTAL	FREE	TOLL	TOTAL	FREE	TOLL	TOTAL
Alabama	900	0	900	0	0	0	0	0	0	1	0	1
Alaska	1,087	0	1,087	0	0	0	0	0	0	0	0	0
Arizona	1,189	0	1,189	0	0	0	0	0	0	0	0	0
Arkansas	526	0	526	0	0	0	16	0	16	44	0	44
California	2,298	10	2,308	0	0	0	105	5	110	48	0	48
Colorado	953	0	953	0	0	0	0	0	0	21	0	21
Connecticut	200	88	288	0	0	0	55	0	55	0	0	0
Delaware	26	14	40	0	0	0	0	0	0	0	0	0
Dist. of Columbia	13	0	13	0	0	0	0	0	0	0	0	0
Florida	1,371	86	1,457	13	0	13	3	0	3	20	0	20
Georgia	1,210	0	1,210	29	0	29	5	0	5	0	0	0
Hawaii <sup>8</sup>	40	0	40	4	0	4	0	0	0	0	0	0
Idaho	612	0	612	0	0	0	0	0	0	0	0	0
Illinois	1,560	155	1,715	202	114	316	9	11	20	0	0	0
Indiana	977	157	1,134	0	0	0	5	0	5	30	0	30
Iowa	782	0	782	0	0	0	0	0	0	0	0	0
Kansas	635	187	822	0	50	50	0	0	0	0	0	0
Kentucky	740	0	740	21	0	21	0	0	0	0	0	0
Louisiana	858	0	858	0	0	0	20	0	20	0	0	0
Maine	260	55	315	0	50	50	0	0	0	0	0	0
Maryland	335	56	391	86	0	86	4	0	4	0	0	0
Massachusetts	330	134	464	0	3	3	99	0	99	0	0	0
Michigan	1,169	5	1,174	63	0	63	3	0	3	0	0	0
Minnesota	913	0	913	0	0	0	0	0	0	0	0	0
Mississippi	685	0	685	0	0	0	0	0	0	0	0	0
Missouri	1,159	0	1,159	19	0	19	0	0	0	29	0	29
Montana	1,191	0	1,191	0	0	0	0	0	0	0	0	0
Nebraska	481	0	481	0	0	0	0	0	0	0	0	0
Nevada	544	0	544	0	0	0	1	0	1	58	0	58
New Hampshire	198	21	219	0	0	0	6	0	6	0	0	0
New Jersey	321	94	415	0	0	0	0	0	0	0	0	0
New Mexico	1,000	0	1,000	0	0	0	0	0	0	0	0	0
New York	910	486	1,396	2	0	2	69	33	102	0	0	0
North Carolina	847	0	847	109	0	109	14	0	14	0	0	0
North Dakota	571	0	571	0	0	0	0	0	0	0	0	0
Ohio <sup>8</sup>	1,331	206	1,537	0	0	0	0	35	35	0	0	0
Oklahoma	634	174	808	0	0	0	35	85	120	0	0	0
Oregon	721	0	721	0	0	0	7	0	7	0	0	0
Pennsylvania	1,198	362	1,560	0	0	0	29	0	29	0	0	0
Rhode Island	71	0	71	0	0	0	0	0	0	0	0	0
South Carolina	763	0	763	10	0	10	36	0	36	99	0	99
South Dakota	678	0	678	0	0	0	0	0	0	0	0	0
Tennessee	1,038	0	1,038	24	0	24	0	0	0	0	0	0
Texas	3,164	0	3,164	17	0	17	53	0	53	0	0	0
Utah	937	0	937	0	0	0	0	0	0	0	0	0
Vermont	320	0	320	0	0	0	0	0	0	0	0	0
Virginia <sup>8</sup>	1,072	0	1,072	34	0	34	0	0	0	0	0	0
Washington	764	0	764	0	0	0	0	0	0	0	0	0
West Virginia <sup>8</sup>	431	87	518	32	0	32	0	0	0	0	0	0
Wisconsin	573	0	573	66	0	66	0	0	0	103	0	103
Wyoming	914	0	914	0	0	0	0	0	0	0	0	0
Total	41,500	2,377	43,877	731	217	948	574	169	743	453	0	453

<sup>1</sup> Original Interstate System designation (not to exceed 41,000 miles).

<sup>2</sup> Howard Cramer additions (up to 500 miles).

<sup>3</sup> 1968 Federal-Aid Highway Act additions (up to 1,500 miles).

<sup>4</sup> Additions for Alaska and Puerto Rico (Federal-Aid Highway Act of 1981).

<sup>5</sup> Logical additions or connections constructed to Interstate System standards.

<sup>6</sup> Proposed future additions that are not now up to Interstate System standards or are unbuilt.

<sup>7</sup> Includes 88 miles in Connecticut, 9 miles in Kansas and 37 miles in Maryland that are now free of tolls.

<sup>8</sup> 1992 data used (1993 data not available).



**JURISDICTION - RURAL - 1993  
MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-50  
SHEET 1 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL				MINOR ARTERIAL				TOTAL
	UNDER STATE CONTROL 1	UNDER STATE CONTROL	UNDER LOCAL CONTROL		UNDER FEDERAL CONTROL 3	TOTAL	UNDER STATE CONTROL 1	UNDER LOCAL CONTROL		OTHER JURISDICTIONS 2	UNDER FEDERAL CONTROL 3		
			COUNTY ROADS	TOWN AND TOWNSHIP ROADS				COUNTY ROADS	TOWN AND TOWNSHIP ROADS				
Alabama	602	2,082	0	0	0	2,082	3,642	2	0	3	37	3,684	
Alaska	1,033	327	0	0	0	327	927	0	0	0	0	927	
Arizona	987	1,146	41	3	3	1,193	1,103	111	0	2	27	1,243	
Arkansas	412	2,167	0	0	0	2,167	2,983	1	0	0	0	2,984	
California	1,356	3,651	70	15	59	3,795	5,521	1,167	0	53	121	6,862	
Colorado	768	2,156	0	0	43	2,199	3,539	142	0	1	0	3,682	
Connecticut	101	263	0	0	0	263	492	0	4	0	0	496	
Delaware	0	209	0	0	1	210	105	0	0	0	0	105	
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	
Florida	1,019	3,634	17	2	0	3,653	2,268	123	0	2	0	2,393	
Georgia	809	2,724	34	0	0	2,758	5,434	44	2	0	93	5,573	
Hawaii 4	0	10	0	0	0	10	352	5	0	0	0	357	
Idaho	532	1,683	0	0	0	1,683	1,166	0	0	0	0	1,166	
Illinois	1,421	2,711	4	0	0	2,715	4,810	4	0	2	0	4,816	
Indiana	825	1,713	4	0	0	1,717	2,225	24	0	2	0	2,251	
Iowa	636	3,404	0	0	0	3,404	3,947	10	0	1	0	3,958	
Kansas	698	3,162	0	0	0	3,162	4,301	0	0	0	0	4,301	
Kentucky	540	1,928	0	0	0	1,928	1,593	0	0	0	0	1,593	
Louisiana	608	1,203	12	0	0	1,215	1,622	0	0	0	0	1,622	
Maine	312	657	0	0	0	657	1,165	0	0	0	0	1,165	
Maryland	227	548	0	0	0	548	940	13	0	0	0	953	
Massachusetts	162	306	0	0	1	324	420	0	243	0	0	663	
Michigan	741	2,731	16	0	0	2,747	3,471	410	12	2	0	3,895	
Minnesota	681	3,560	9	0	0	3,569	5,381	799	10	0	0	6,190	
Mississippi	558	1,739	7	0	0	1,746	3,643	3	3	0	275	3,924	
Missouri	812	3,056	0	0	0	3,056	3,377	0	0	0	0	3,377	
Montana	1,137	2,568	54	0	0	2,622	2,764	170	0	0	52	2,986	
Nebraska	437	2,744	0	0	0	2,744	4,183	0	0	1	0	4,184	
Nevada	480	1,391	0	1	2	1,394	711	10	0	0	0	721	
New Hampshire	176	459	0	0	0	459	486	0	0	5	0	491	
New Jersey	113	514	3	0	0	517	316	55	1	0	0	372	
New Mexico	907	1,790	9	0	0	1,799	1,887	5	0	0	0	1,892	
New York	797	1,943	14	3	0	1,960	4,100	101	8	10	0	4,219	
North Carolina	633	2,182	0	0	0	2,182	2,717	0	0	0	251	2,968	
North Dakota	531	2,927	3	0	0	2,930	2,513	4	0	0	0	2,517	
Ohio 4	847	1,690	0	0	0	1,690	3,303	0	0	1	0	3,304	
Oklahoma	715	2,270	0	0	0	2,270	2,842	0	0	0	0	2,842	
Oregon	581	2,841	0	0	0	2,841	1,917	294	0	7	0	2,218	
Pennsylvania	1,079	2,591	0	0	0	2,591	5,061	0	18	2	0	5,071	
Rhode Island	21	62	0	0	0	62	78	0	2	0	0	80	
South Carolina	668	1,447	0	0	0	1,447	3,658	4	0	0	0	3,662	
South Dakota	631	2,459	0	0	6	2,465	3,198	1	0	0	39	3,238	
Tennessee	740	1,717	0	0	0	1,717	3,441	0	0	0	0	3,441	
Texas	2,203	6,349	3	1	0	6,353	9,461	17	0	0	0	9,478	
Utah	769	975	0	0	33	1,008	1,509	1	0	7	22	1,539	
Vermont	280	311	0	0	0	311	708	0	1	25	0	734	
Virginia 4	788	1,522	0	0	2	1,524	3,231	3	0	0	308	3,542	
Washington	501	2,111	0	0	0	2,111	1,667	301	1	0	0	1,969	
West Virginia 4	456	970	6	0	0	976	1,564	0	0	0	0	1,564	
Wisconsin	495	3,351	64	0	0	3,415	4,862	172	4	4	0	5,042	
Wyoming	827	1,608	0	0	26	1,634	1,391	0	0	0	283	1,674	
Total	32,652	95,562	404	27	32	96,201	131,985	3,996	309	130	1,508	137,928	
Percent/System	100.0	99.3	0.5	0.0	0.0	100.0	95.7	2.9	0.2	0.1	1.1	100.0	



**JURISDICTION - URBAN - 1993  
MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-50  
SHEET 3 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS						OTHER LOCAL CONTROL				OTHER PRINCIPAL ARTERIAL				TOTAL
	UNDER STATE CONTROL 1	UNDER STATE CONTROL	UNDER LOCAL CONTROL		UNDER FEDERAL CONTROL 3	TOTAL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS 2	UNDER STATE CONTROL 1	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS 2	UNDER FEDERAL CONTROL 3	TOTAL				
			UNDER STATE CONTROL 1	UNDER STATE CONTROL															
Alabama	297	21	0	0	0	0	0	0	0	919	0	0	42	0	961				
Alaska	54	0	0	0	0	0	0	0	0	57	0	0	0	0	57				
Arizona	202	63	0	0	0	0	0	0	0	277	122	2	676	0	1,077				
Arkansas	131	94	0	0	0	0	0	0	0	545	2	0	46	0	593				
California	1,067	1,305	59	0	0	1,393	0	29	1,223	873	0	0	4,038	0	6,134				
Colorado	186	202	2	0	0	216	0	12	480	74	0	0	272	0	826				
Connecticut	242	197	0	0	0	197	0	0	559	0	43	0	0	0	602				
Delaware	41	9	0	0	0	9	0	0	136	0	0	0	1	0	137				
Dist. of Columbia	14	13	0	0	0	19	0	0	81	0	0	0	0	2	83				
Florida	424	284	0	0	0	284	0	0	2,235	31	0	0	24	0	2,290				
Georgia	434	162	4	0	0	167	0	0	1,740	182	58	0	0	4	1,984				
Hawaii 4	44	53	0	0	0	53	0	0	74	24	0	0	0	0	98				
Idaho	79	0	0	0	0	0	0	0	144	7	0	0	69	0	223				
Illinois	630	80	0	0	0	80	0	0	2,319	151	14	3	94	1	2,579				
Indiana	313	124	5	0	0	135	0	6	1,125	140	0	0	282	0	1,547				
Iowa	147	0	0	0	0	0	0	0	619	7	0	0	64	0	690				
Kansas	173	112	0	0	0	128	0	16	350	0	0	0	274	0	624				
Kentucky	221	93	0	0	0	93	0	0	612	0	0	0	8	0	620				
Louisiana	263	45	0	0	0	45	0	0	688	41	0	0	112	0	841				
Maine	54	17	0	0	0	17	0	0	165	0	0	0	1	0	166				
Maryland	265	193	1	0	0	224	0	6	623	58	0	0	171	8	860				
Massachusetts	403	199	0	0	0	199	0	0	722	0	0	0	827	0	1,550				
Michigan	499	219	1	0	0	221	0	0	936	221	286	0	75	0	1,986				
Minnesota	233	130	0	0	0	130	0	0	513	74	0	0	36	0	623				
Mississippi	127	40	0	0	0	40	0	0	451	10	165	0	0	0	626				
Missouri	366	270	0	0	0	276	0	6	680	68	0	0	332	0	1,080				
Montana	53	0	0	0	0	0	0	0	100	16	0	0	57	0	173				
Nebraska	44	10	0	0	0	11	0	1	283	21	0	0	113	0	417				
Nevada	65	32	0	0	0	32	0	0	185	26	5	0	28	0	244				
New Hampshire	48	40	0	0	0	40	0	0	108	0	0	0	66	0	174				
New Jersey	300	306	0	0	0	306	0	0	907	224	0	0	32	0	1,163				
New Mexico	91	0	0	0	0	0	0	3	337	1	0	0	174	0	512				
New York	703	705	41	0	0	857	0	111	1,363	191	7	0	887	0	2,448				
North Carolina	337	260	0	0	0	260	0	0	1,346	0	0	0	15	0	1,361				
North Dakota	40	0	0	0	0	0	0	0	151	0	2	0	11	0	164				
Ohio 4	726	369	4	0	0	381	0	8	1,694	70	0	0	390	0	2,154				
Oklahoma	214	126	2	0	0	136	0	8	514	30	0	0	287	0	831				
Oregon	146	50	2	0	0	53	0	0	491	57	0	0	122	0	670				
Pennsylvania	509	485	0	0	0	485	0	0	2,093	18	31	0	129	0	2,271				
Rhode Island	49	68	0	0	0	68	0	0	318	0	33	0	0	0	351				
South Carolina	142	70	0	0	0	70	0	0	695	1	0	0	0	0	696				
South Dakota	47	0	0	0	0	0	0	3	110	2	0	0	27	0	139				
Tennessee	322	108	0	0	0	114	0	6	1,196	9	0	0	77	0	1,282				
Texas	1,031	1,096	15	0	0	1,212	0	101	3,299	133	0	0	1,991	0	4,823				
Utah	168	9	0	0	0	9	0	0	249	7	0	0	11	0	267				
Vermont	40	14	0	0	0	20	0	0	56	0	3	0	38	0	97				
Virginia 4	318	165	1	0	0	194	0	6	895	23	0	0	15	67	1,000				
Washington	262	298	0	0	0	302	0	3	269	266	390	0	139	0	1,064				
West Virginia 4	94	9	0	0	0	9	0	0	204	0	0	0	1	0	205				
Wisconsin	143	177	0	0	0	178	0	1	972	150	4	0	141	0	1,267				
Wyoming	87	3	0	0	0	3	0	0	191	4	0	0	10	0	205				
Total	12,878	8,325	137	2	2	8,857	334	59	36,299	3,802	1,047	11,605	82	52,835					
Percent/System	100.0	94.0	1.5	0.0	0.0	100.0	3.8	0.7	68.7	7.2	2.0	21.9	0.2	100.0					



**TYPE OF SURFACE - RURAL - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-51  
SHEET 1 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE PAVED 3						OTHER PRINCIPAL ARTERIAL PAVED 3						TOTAL
	HIGH TYPE			TOTAL	LOW TYPE	INTERMEDIATE TYPE	HIGH TYPE			TOTAL			
	FLEXIBLE 2	COMPOSITE	RIGID				FLEXIBLE	COMPOSITE	RIGID				
											TYPE	TYPE	
Alabama	418	19	165	602	0	14	2,030	38	0	0	2,082		
Alaska	1,033	0	0	1,033	0	327	0	0	0	0	327		
Arizona	975	0	12	987	31	432	730	0	0	0	1,193		
Arkansas	18	72	322	412	0	0	1,810	289	68	0	2,167		
California	513	110	733	1,356	0	47	3,164	187	397	0	3,795		
Colorado	432	79	257	768	0	2	2,164	28	5	0	2,199		
Connecticut	69	24	8	101	0	27	109	126	1	0	263		
Delaware	0	0	0	0	0	0	3	133	74	0	210		
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0		
Florida	814	0	205	1,019	0	0	3,601	0	52	0	3,653		
Georgia	305	0	504	809	0	0	2,740	0	18	0	2,758		
Hawaii 5	0	0	0	0	0	0	10	0	0	0	10		
Idaho	390	0	142	532	0	111	1,528	0	44	0	1,683		
Illinois	19	746	656	1,421	0	0	105	1,720	928	0	2,753		
Indiana	81	538	206	825	0	825	447	1,051	219	0	1,717		
Iowa	62	190	384	636	0	0	167	1,940	1,297	0	3,404		
Kansas	487	118	93	698	0	64	2,308	583	207	0	3,162		
Kentucky	165	204	171	540	0	8	1,148	423	349	0	1,928		
Louisiana	111	64	433	608	0	0	298	800	117	0	1,215		
Maine	303	0	9	312	10	645	0	0	2	0	657		
Maryland	225	2	0	227	0	0	540	2	6	0	548		
Massachusetts	161	1	0	162	0	1	311	6	6	0	324		
Michigan	140	127	474	741	0	856	153	1,402	336	0	2,747		
Minnesota	101	34	546	681	0	987	1,204	868	510	0	3,569		
Mississippi	202	95	261	558	0	0	817	739	192	0	1,748		
Missouri	1,027	558	254	1,812	0	156	631	1,395	874	0	3,056		
Montana	0	110	1,137	1,137	67	442	2,100	11	2	0	2,622		
Nebraska	0	178	259	437	25	73	1,482	590	574	0	2,744		
Nevada	376	0	104	480	0	0	1,394	0	0	0	1,394		
New Hampshire	176	0	0	176	30	32	372	25	0	0	459		
New Jersey	65	22	26	113	0	0	191	299	27	0	517		
New Mexico	740	143	24	907	0	108	1,689	0	2	0	1,799		
New York	245	448	104	797	20	0	496	1,066	378	0	1,960		
North Carolina	301	8	324	633	0	0	2,087	2	93	0	2,182		
North Dakota	20	30	481	531	0	69	2,770	18	73	0	2,930		
Ohio 5	52	695	100	847	0	0	857	656	177	0	1,690		
Oklahoma	403	52	260	715	76	0	1,391	251	552	0	2,270		
Oregon	385	19	177	581	0	112	2,703	15	11	0	2,841		
Pennsylvania	70	436	573	1,079	0	60	547	1,269	719	0	2,595		
Rhode Island	6	15	0	21	12	22	28	0	0	0	62		
South Carolina	392	0	276	668	0	447	561	439	0	0	1,447		
South Dakota	40	10	581	631	0	20	1,764	78	603	0	2,465		
Tennessee	9	49	9	740	0	0	1,242	475	0	0	1,717		
Texas	1,380	395	428	2,203	0	23	5,064	1,083	183	0	6,353		
Utah	686	0	83	769	0	0	1,000	0	8	0	1,008		
Vermont	280	0	0	280	0	0	313	0	5	0	318		
Virginia 5	584	66	138	788	0	0	1,419	29	76	0	1,524		
Washington	352	25	124	501	0	66	1,968	0	77	0	2,111		
West Virginia 5	0	144	312	456	0	0	632	21	323	0	976		
Wisconsin	14	210	271	495	0	0	1,600	891	924	0	3,415		
Wyoming	691	1	135	827	23	4	1,601	0	6	0	1,634		
Total	15,991	5,927	10,734	32,652	294	5,155	61,289	18,948	10,515	96,201			
Percent/System	49.0	18.2	32.9	100.0	0.3	5.4	63.7	19.7	10.9	100.0			







**TYPE OF SURFACE - URBAN - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-51  
SHEET 4 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL						COLLECTOR						TOTAL
	UNPAVED <sup>6</sup>	LOW TYPE	INTERMEDIATE TYPE	PAVED <sup>3</sup>		TOTAL	UNPAVED <sup>6</sup>	LOW TYPE	INTERMEDIATE TYPE	PAVED <sup>3</sup>		TOTAL	
				FLEXIBLE	HIGH TYPE COMPOSITE					FLEXIBLE	HIGH TYPE COMPOSITE		
Alabama	0	43	531	1,311	77	1,973	1	205	1,002	930	0	4	2,141
Alaska	0	8	197	0	0	205	57	0	157	0	0	0	157
Arizona	0	101	391	737	0	1,230	27	412	1,088	497	37	7	2,041
Arkansas	6	40	145	679	104	977	13	90	119	626	38	19	892
California	33	55	1,298	8,069	402	9,940	66	167	1,816	7,522	307	232	10,044
Colorado	12	4	198	1,065	18	1,361	36	30	890	277	0	45	1,242
Connecticut	0	94	80	1,028	201	1,411	0	124	83	1,079	8	12	1,306
Delaware	0	2	23	18	87	159	0	9	103	44	0	10	217
Dist. of Columbia	0	0	2	9	147	178	0	0	0	12	145	0	157
Florida	0	0	0	2,387	0	2,408	0	0	5,178	0	0	0	5,178
Georgia	1	22	130	2,453	0	2,626	32	7	1,898	0	0	7	2,082
Hawaii <sup>5</sup>	0	0	0	148	0	148	0	0	238	0	0	0	239
Idaho	2	31	121	312	0	465	14	53	115	322	3	0	507
Illinois	37	159	135	907	2,010	3,702	18	573	250	1,254	303	36	3,555
Indiana	10	10	6	1,202	74	2,399	41	30	1,573	484	23	36	2,146
Iowa	13	11	6	322	437	1,331	55	33	211	201	419	857	922
Kansas	16	0	367	392	187	1,051	68	0	420	254	94	115	883
Kentucky	0	0	168	712	228	1,178	1	0	280	723	118	23	1,146
Louisiana	0	0	50	912	340	1,608	0	0	161	846	110	185	1,302
Maine	0	82	187	2	4	280	0	195	284	0	0	2	481
Maryland	0	0	40	1,148	0	1,193	0	13	175	1,108	1	3	1,300
Massachusetts	0	34	830	2,220	1	3,085	0	4	867	1,640	0	0	2,511
Michigan	56	168	389	1,935	499	3,401	33	165	295	1,530	362	214	2,566
Minnesota	7	0	1,202	499	61	1,899	15	9	1,341	192	63	93	1,608
Mississippi	1	43	179	385	16	668	37	66	387	434	6	33	935
Missouri	2	31	413	713	328	1,723	66	121	621	574	204	46	1,566
Montana	1	3	83	144	0	232	5	0	84	193	0	8	285
Nebraska	12	0	26	225	72	500	5	0	42	163	35	162	402
Nevada	0	0	21	371	0	393	2	0	71	400	0	0	471
New Hampshire	0	72	2	330	18	432	4	135	3	123	0	6	266
New Jersey	0	0	17	2,429	595	3,094	0	0	194	1,625	179	14	2,012
New Mexico	4	0	53	245	3	314	7	0	94	267	1	5	357
New York	0	56	221	1,067	3,178	4,723	6	66	1,435	1,298	610	632	4,042
North Carolina	0	72	0	2,231	27	2,354	6	217	0	1,439	16	5	1,663
North Dakota	20	16	55	115	8	241	17	6	88	67	17	20	198
Ohio <sup>5</sup>	2	0	135	2,097	417	2,792	4	0	270	3,432	322	127	4,155
Oklahoma	55	1,183	0	437	68	1,861	79	678	0	51	0	161	967
Oregon	4	7	85	886	0	1,034	4	7	79	1,163	0	20	1,269
Pennsylvania	0	26	468	1,603	94	3,286	2	31	1,246	2,124	204	52	3,657
Rhode Island	0	28	210	126	0	368	0	100	422	15	0	0	537
South Carolina	0	6	502	448	42	1,002	0	0	1,263	209	2	3	1,477
South Dakota	5	117	74	6	4	234	23	89	68	0	0	14	171
Tennessee	0	0	1	1,767	312	2,082	0	22	4	1,415	181	0	1,622
Texas	1	191	791	4,390	628	7,016	22	679	1,556	4,415	347	584	7,603
Utah	1	105	105	370	0	513	2	0	312	162	0	2	476
Vermont	2	23	0	0	0	149	11	61	24	113	0	2	200
Virginia <sup>5</sup>	0	41	22	1,484	54	1,635	0	99	29	1,256	9	2	1,395
Washington	3	10	353	1,472	99	2,125	3	665	1,185	48	121	2,034	2,037
West Virginia <sup>5</sup>	1	3	11	375	0	418	6	17	14	368	0	37	436
Wisconsin	0	0	46	1,027	422	2,023	0	18	117	1,007	140	191	1,479
Wyoming	5	0	7	118	0	146	40	10	83	329	0	6	428
Total	312	2,789	11,571	53,284	12,263	85,510	828	4,554	20,364	50,692	4,978	3,962	84,550
Percent/System	0.4	3.2	13.5	62.1	14.3	99.6	1.0	5.3	23.9	59.4	5.8	4.6	99.0

<sup>1</sup> As expanded from the Highway Performance Monitoring System (HPMS) standard sample data.  
<sup>2</sup> Includes a minor amount of Intermediate Type pavement in a few States.  
<sup>3</sup> 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 roadway 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 having a combined surface and base thickness of 7" or more—also includes brick, block, or compacted material on a rigid base with a combined surface and base 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".  
<sup>4</sup> Includes unpaved mileage in the following: rural Minor Arterial—638 miles—Alaska, 34 miles—Montana, 56 miles—Oregon, urban Other Freeways and Expressways—3 miles—New Mexico, urban Other Principal Arterial—2 miles—Georgia, 1 mile—Minnesota, 3 miles—North Dakota.  
<sup>5</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.  
<sup>6</sup> 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 - 1993 <sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-53  
 SHEET 1 OF 4  
 NOVEMBER 1994

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL						
	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET						TOTAL
	< 12	12	> 12		< 9	9	10	11	12	> 12	
Alabama	0	602	0	602	0	0	27	193	1,855	7	2,082
Alaska	126	572	335	1,033	0	0	2	16	237	72	327
Arizona	0	680	307	987	0	0	0	5	497	691	1,193
Arkansas	0	412	0	412	0	0	61	844	1,262	0	2,167
California	0	1,356	0	1,356	0	0	52	169	3,574	0	3,795
Colorado	0	704	64	768	0	0	43	287	1,779	90	2,199
Connecticut	0	101	0	101	0	0	0	6	257	0	263
Delaware	0	0	0	0	0	0	0	3	199	8	210
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0
Florida	0	1,018	1	1,019	0	0	113	393	2,971	176	3,653
Georgia	0	793	16	809	0	0	7	26	1,888	837	2,758
Hawaii <sup>2</sup>	0	0	0	0	0	0	1	7	2	0	10
Idaho	0	532	0	532	0	0	5	55	1,623	0	1,683
Illinois	0	1,420	1	1,421	85	125	8	212	2,207	116	2,753
Indiana	0	825	0	825	0	0	24	94	1,530	69	1,717
Iowa	0	584	52	636	0	0	10	295	2,972	127	3,404
Kansas	0	698	0	698	0	8	0	249	2,905	0	3,162
Kentucky	0	540	0	540	0	73	173	195	1,479	8	1,928
Louisiana	0	608	0	608	0	0	0	181	1,034	0	1,215
Maine	0	312	0	312	0	0	18	162	444	33	657
Maryland	0	227	0	227	0	0	9	20	509	10	548
Massachusetts	0	162	0	162	2	0	3	16	238	65	324
Michigan	0	741	0	741	0	0	47	599	2,101	0	2,747
Minnesota	0	681	0	681	0	0	144	275	2,966	184	3,569
Mississippi	0	558	0	558	0	0	0	47	1,701	0	1,748
Missouri	0	812	0	812	0	0	125	393	2,538	0	3,056
Montana	0	1,137	0	1,137	0	12	24	136	2,354	96	2,622
Nebraska	0	436	1	437	0	0	30	101	2,370	243	2,744
Nevada	0	480	0	480	0	0	0	0	1,394	0	1,394
New Hampshire	0	176	0	176	0	0	6	15	422	16	459
New Jersey	0	113	0	113	0	0	58	22	434	3	517
New Mexico	0	907	0	907	0	0	102	82	1,569	46	1,799
New York	0	775	22	797	0	0	197	257	1,424	82	1,960
North Carolina	0	633	0	633	10	6	25	366	1,775	0	2,182
North Dakota	0	531	0	531	0	0	0	192	2,681	57	2,930
Ohio <sup>2</sup>	0	847	0	847	0	7	84	296	1,299	4	1,690
Oklahoma	0	715	0	715	0	0	43	86	2,102	39	2,270
Oregon	0	578	3	581	0	0	24	215	2,602	0	2,841
Pennsylvania	1	1,078	0	1,079	0	5	255	818	1,472	45	2,595
Rhode Island	0	21	0	21	0	0	7	7	42	6	62
South Carolina	6	662	0	668	0	0	0	90	1,335	22	1,447
South Dakota	0	631	0	631	0	0	22	75	2,368	0	2,465
Tennessee	0	740	0	740	0	38	70	371	1,238	0	1,717
Texas	0	2,203	0	2,203	0	3	34	319	4,957	1,040	6,353
Utah	0	769	0	769	0	0	0	0	1,008	0	1,008
Vermont	0	280	0	280	0	4	11	44	238	21	318
Virginia <sup>2</sup>	9	774	5	788	0	5	307	134	1,068	10	1,524
Washington	0	501	0	501	0	0	18	816	1,277	0	2,111
West Virginia <sup>2</sup>	0	455	1	456	0	10	118	100	736	12	976
Wisconsin	0	495	0	495	0	0	29	346	3,036	4	3,415
Wyoming	0	827	0	827	0	0	26	4	1,604	0	1,634
Total	142	31,702	808	32,652	97	296	2,362	9,634	79,573	4,239	96,201
Percent/System	0.4	97.1	2.5	100.0	0.1	0.3	2.5	10.0	82.7	4.4	100.0

## LANE WIDTH - RURAL - 1993 <sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-53  
 SHEET 2 OF 4  
 NOVEMBER 1994

STATE	MINOR ARTERIAL							MAJOR COLLECTOR						
	LANE WIDTH IN FEET							TOTAL	LANE WIDTH IN FEET					TOTAL
	< 9	9	10	11	12	> 12	< 9		9	10	11	12	> 12	
Alabama	0	0	442	160	3,082	0	3,684	0	2,651	6,015	1,584	1,505	1	11,756
Alaska	0	0	26	95	208	598	927	0	5	49	92	860	261	1,267
Arizona	0	0	0	21	722	500	1,243	0	2	408	322	2,828	981	4,541
Arkansas	0	0	1,212	673	1,099	0	2,984	351	745	5,826	4,158	1,469	0	12,549
California	0	88	741	835	5,156	42	6,862	103	373	1,424	2,135	8,641	368	13,044
Colorado	0	0	370	613	2,598	101	3,682	77	9	774	1,139	3,833	42	5,874
Connecticut	0	0	21	22	453	0	496	13	57	65	313	691	0	1,139
Delaware	0	0	0	23	76	6	105	10	49	169	147	129	46	550
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	0	4	335	207	1,779	68	2,393	385	1,198	1,883	428	677	0	4,571
Georgia	0	0	101	580	4,046	846	5,573	0	1,893	5,260	2,613	2,828	1,031	13,625
Hawaii <sup>2</sup>	10	9	54	81	203	0	357	74	113	98	48	84	2	419
Idaho	0	0	49	126	991	0	1,166	260	643	1,499	498	2,513	0	5,413
Illinois	0	286	215	522	3,310	483	4,816	420	1,540	4,041	5,603	1,972	395	13,971
Indiana	4	0	223	478	1,447	99	2,251	68	2,063	3,829	1,067	2,972	603	10,602
Iowa	0	223	249	777	2,409	300	3,958	0	121	639	9,268	3,425	855	14,308
Kansas	0	5	0	1,140	3,156	0	4,301	0	240	2,572	9,395	9,391	1,238	22,836
Kentucky	0	446	482	296	359	10	1,593	338	3,685	1,936	796	211	17	6,983
Louisiana	0	0	98	669	855	0	1,622	0	140	3,260	1,249	2,393	0	7,042
Maine	0	0	231	377	547	10	1,165	45	661	2,048	894	247	21	3,916
Maryland	0	11	77	336	528	1	953	106	194	528	618	395	1	1,842
Massachusetts	0	19	21	114	398	111	663	63	126	334	507	422	343	1,795
Michigan	0	1	217	1,388	2,289	0	3,895	0	452	6,252	5,568	4,739	105	17,116
Minnesota	0	0	154	478	5,363	195	6,190	0	128	758	4,050	10,903	128	15,967
Mississippi	0	0	593	930	2,398	3	3,924	273	668	7,616	1,308	2,110	134	12,109
Missouri	0	0	1,674	1,029	647	27	3,377	0	1,303	12,797	2,772	1,159	10	18,041
Montana	0	0	260	504	2,182	40	2,986	178	144	747	754	4,771	497	7,091
Nebraska	0	0	3	255	3,237	689	4,184	506	225	1,293	2,927	5,268	1,267	11,486
Nevada	0	0	0	0	721	0	721	0	0	143	0	1,827	0	1,970
New Hampshire	0	3	20	52	414	2	491	3	90	310	342	456	0	1,201
New Jersey	10	6	97	35	175	49	372	0	20	505	93	866	205	1,689
New Mexico	0	0	158	58	1,615	61	1,892	10	86	729	260	2,203	678	3,966
New York	0	0	1,044	1,553	1,468	154	4,219	0	425	2,724	1,816	1,014	63	6,042
North Carolina	0	211	297	797	1,663	0	2,968	0	1,270	3,248	1,511	2,602	0	8,631
North Dakota	0	0	8	132	2,377	0	2,517	0	317	976	1,395	8,178	221	11,087
Ohio <sup>2</sup>	0	115	675	836	1,642	36	3,304	1,033	2,499	5,205	1,367	1,687	5	11,796
Oklahoma	0	0	16	511	2,292	23	2,842	767	2,940	4,440	4,619	8,369	167	21,302
Oregon	0	0	204	466	1,511	37	2,218	135	846	3,072	2,165	3,013	104	9,335
Pennsylvania	0	393	1,397	2,293	940	48	5,071	501	2,034	2,694	1,877	853	78	8,037
Rhode Island	0	0	6	12	42	20	80	8	4	51	46	50	17	176
South Carolina	0	0	131	947	2,551	33	3,662	45	675	2,509	3,629	1,081	175	8,114
South Dakota	0	29	35	201	2,973	0	3,238	378	680	1,251	2,430	7,674	266	12,679
Tennessee	0	70	731	1,171	1,469	0	3,441	69	1,087	1,896	1,870	377	0	5,299
Texas	0	2	169	651	6,515	2,141	9,478	0	2,243	13,729	3,934	14,400	1,239	35,545
Utah	0	0	0	0	1,539	0	1,539	159	106	87	252	2,625	0	3,229
Vermont	0	5	66	382	244	37	734	0	198	671	829	262	27	1,987
Virginia <sup>2</sup>	32	104	2,342	741	274	49	3,542	2,797	2,359	3,730	1,193	92	43	10,214
Washington	0	0	228	971	770	0	1,969	65	222	2,072	3,462	2,287	252	8,360
West Virginia <sup>2</sup>	93	453	621	262	135	0	1,564	1,444	2,358	948	881	452	0	6,083
Wisconsin	0	0	185	1,536	3,321	0	5,042	0	41	3,303	8,110	2,130	0	13,584
Wyoming	0	0	35	121	1,509	9	1,674	0	57	348	419	1,670	2	2,496
Total	149	2,483	16,313	26,457	85,698	6,828	137,928	10,684	39,985	126,761	102,753	140,604	11,888	432,675
Percent/System	0.1	1.8	11.8	19.2	62.1	5.0	100.0	2.5	9.2	29.3	23.7	32.6	2.7	100.0

LANE WIDTH - URBAN - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53  
SHEET 3 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE					OTHER FREEWAYS AND EXPRESSWAYS					OTHER PRINCIPAL ARTERIAL					TOTAL		
	LANE WIDTH IN FEET					LANE WIDTH IN FEET					LANE WIDTH IN FEET							
	< 12	12	> 12	TOTAL	< 9	9	10	11	12	> 12	TOTAL	< 9	9	10	11		12	> 12
Alabama	0	297	0	297	0	0	0	0	0	21	0	0	0	55	69	820	17	961
Alaska	0	42	12	54	0	0	0	0	0	0	0	0	0	2	1	43	11	57
Arizona	0	149	53	202	0	0	0	0	0	38	32	0	0	24	89	751	213	1,077
Arkansas	0	131	0	131	0	0	0	0	0	94	0	0	0	94	173	319	3	593
California	46	1,021	0	1,067	0	0	0	2	25	1,365	1	1,393	0	26	187	791	130	6,134
Colorado	0	185	1	186	0	0	0	14	14	186	16	216	0	0	57	671	39	826
Connecticut	0	241	1	242	0	0	0	2	2	193	1	197	0	0	18	550	3	602
Delaware	0	39	2	41	0	0	0	0	0	9	0	9	0	0	10	11	21	137
Dist. of Columbia	0	14	0	14	0	0	0	2	1	11	4	16	0	0	25	18	10	83
Florida	1	414	9	424	0	0	0	19	19	265	0	284	0	0	142	1,766	142	2,290
Georgia	0	405	29	434	0	0	0	1	1	141	24	167	8	16	65	1,053	691	1,984
Hawaii <sup>2</sup>	8	36	0	44	0	0	0	1	9	42	1	53	0	5	22	36	4	98
Idaho	0	79	0	79	0	0	0	0	0	0	0	0	0	8	13	199	3	223
Illinois	0	627	3	630	0	0	0	0	0	80	0	80	2	7	230	1,732	320	2,579
Indiana	0	313	0	313	0	0	0	1	0	134	0	135	0	14	106	1,631	249	1,547
Iowa	0	119	28	147	0	0	0	0	0	0	0	0	0	3	0	536	151	690
Kansas	1	172	0	173	0	0	9	6	6	113	0	128	0	60	98	429	0	624
Kentucky	0	221	0	221	0	0	0	1	8	82	2	93	4	20	113	99	15	620
Louisiana	0	263	0	263	0	0	0	0	0	45	0	45	0	1	54	692	5	841
Maine	0	54	0	54	0	0	0	0	0	15	2	17	0	0	16	89	52	166
Maryland	0	251	4	255	0	0	0	0	1	221	2	224	4	3	71	590	61	860
Massachusetts	3	398	2	403	0	0	0	0	0	194	5	199	0	1	210	69	585	1,550
Michigan	1	498	0	499	0	0	0	4	4	217	0	221	0	42	518	873	57	1,986
Minnesota	0	233	0	233	0	0	0	0	0	130	0	130	0	0	5	576	17	623
Mississippi	0	127	0	127	0	0	0	0	0	40	0	40	0	4	38	485	14	626
Missouri	0	366	0	366	0	0	0	0	11	265	0	276	0	0	161	648	20	1,080
Montana	0	53	0	53	0	0	0	0	0	0	0	0	0	0	1	161	2	173
Nebraska	0	42	2	44	0	0	0	0	0	11	0	11	0	0	19	318	58	417
Nevada	0	65	0	65	0	0	0	0	0	32	0	32	0	1	2	240	0	244
New Hampshire	0	47	1	48	0	0	0	0	0	40	0	40	0	0	3	139	26	174
New Jersey	3	295	2	300	0	0	0	0	7	299	0	306	1	0	109	52	287	1,163
New Mexico	0	91	0	91	3	0	0	0	0	0	0	0	0	0	41	20	403	512
New York	1	661	41	703	0	25	89	734	9	857	9	857	10	27	294	1,606	294	2,448
North Carolina	5	332	0	337	0	1	6	252	0	260	0	260	19	19	46	185	0	1,361
North Dakota	0	40	0	40	0	0	0	0	0	0	0	0	0	2	159	2	164	2,271
Ohio <sup>2</sup>	0	726	0	726	0	0	0	57	324	381	4	381	4	81	371	495	72	2,154
Oklahoma	0	212	2	214	0	0	0	6	130	0	0	136	0	4	49	77	166	831
Oregon	0	145	1	146	0	0	0	0	52	1	1	53	0	3	27	532	41	670
Pennsylvania	1	508	0	509	0	5	20	456	4	485	4	485	0	7	316	593	137	2,271
Rhode Island	0	49	0	49	0	0	0	0	68	0	0	68	0	0	61	187	73	351
South Carolina	20	122	0	142	0	0	0	0	70	0	0	70	0	0	36	545	32	696
South Dakota	0	47	0	47	0	0	0	0	3	0	0	3	0	2	132	0	0	139
Tennessee	0	322	0	322	0	0	0	0	114	0	0	114	0	7	145	259	860	1,282
Texas	0	1,031	0	1,031	0	137	7	1,063	5	1,212	0	1,212	0	7	117	750	300	4,823
Utah	0	168	0	168	0	0	0	0	9	0	0	9	0	0	0	267	0	267
Vermont	0	40	0	40	0	0	0	0	14	4	4	20	2	1	8	17	54	97
Virginia <sup>2</sup>	1	315	2	318	0	9	14	141	30	194	0	194	0	12	333	160	311	1,000
Washington	0	261	0	261	0	11	24	267	0	302	2	302	0	2	82	344	17	1,064
West Virginia <sup>2</sup>	0	94	0	94	0	1	1	7	0	9	0	9	1	6	30	127	0	205
Wisconsin	0	143	0	143	0	0	0	0	178	0	0	178	3	4	145	1,069	6	1,267
Wyoming	0	62	25	87	0	0	0	0	3	0	0	3	0	0	22	165	18	205
Total	92	12,566	220	12,878	3	11	198	334	8,168	143	8,857	60	389	4,358	7,135	36,272	4,621	52,835
Percent/System	0.7	97.6	1.7	100.0	0.0	0.1	2.2	3.8	92.3	1.6	100.0	0.1	0.7	8.2	13.5	68.8	8.7	100.0

## LANE WIDTH - URBAN - 1993 <sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-53  
 SHEET 4 OF 4  
 NOVEMBER 1994

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	0	34	523	422	831	163	1,973	15	272	787	310	510	248	2,142
Alaska	0	0	3	20	158	24	205	11	0	24	27	114	38	214
Arizona	0	0	20	165	887	158	1,230	0	5	80	80	1,715	188	2,068
Arkansas	2	45	216	207	470	43	983	69	71	312	119	292	42	905
California	33	14	953	876	7,499	598	9,973	138	374	1,076	478	7,402	645	10,113
Colorado	0	3	71	193	976	120	1,363	0	38	198	196	704	142	1,278
Connecticut	9	33	112	116	1,059	82	1,411	45	93	205	225	664	74	1,306
Delaware	6	9	17	10	77	40	159	12	28	54	41	47	35	217
Dist. of Columbia	4	9	57	68	38	2	178	11	20	65	22	39	0	157
Florida	8	17	222	448	1,572	141	2,408	37	341	1,641	1,003	1,763	393	5,178
Georgia	1	50	429	406	1,046	695	2,627	4	140	397	396	505	672	2,114
Hawaii <sup>2</sup>	0	6	63	21	38	20	148	7	14	111	23	39	45	239
Idaho	0	4	23	35	381	24	467	6	7	54	25	393	22	507
Illinois	14	115	943	671	1,569	427	3,739	118	265	746	563	1,352	511	3,555
Indiana	31	412	533	412	714	307	2,409	83	475	780	261	358	230	2,187
Iowa	0	22	22	111	532	657	1,344	0	17	21	84	276	524	922
Kansas	0	289	265	179	334	0	1,067	0	509	160	168	114	0	951
Kentucky	22	164	346	260	307	79	1,178	133	324	320	214	106	48	1,145
Louisiana	2	69	490	199	825	23	1,608	0	278	705	56	238	25	1,302
Maine	1	7	64	32	119	57	280	1	32	132	63	127	127	482
Maryland	7	37	128	280	500	241	1,193	61	60	274	218	392	295	1,300
Massachusetts	16	16	359	322	922	1,450	3,085	150	46	400	207	743	965	2,511
Michigan	16	46	813	1,261	1,082	183	3,401	28	84	604	1,029	542	312	2,599
Minnesota	0	0	65	61	1,754	16	1,896	1	3	44	156	1,393	26	1,623
Mississippi	0	3	170	131	317	48	669	6	109	473	88	191	105	972
Missouri	0	35	444	517	635	94	1,725	3	97	599	443	341	149	1,632
Montana	0	0	9	17	196	11	233	1	4	7	19	247	12	290
Nebraska	20	8	91	115	258	40	532	56	15	66	64	142	66	409
Nevada	0	2	10	2	379	0	393	2	0	19	0	452	0	473
New Hampshire	1	2	22	66	286	55	432	18	8	47	61	120	16	270
New Jersey	1	33	507	527	1,014	1,012	3,094	70	41	337	388	366	810	2,012
New Mexico	0	8	66	59	122	63	318	3	2	43	39	227	60	374
New York	3	44	1,166	593	2,138	779	4,723	286	649	835	849	1,135	288	4,042
North Carolina	22	149	343	456	1,384	0	2,354	49	208	419	309	698	0	1,683
North Dakota	0	1	5	19	233	3	261	5	1	10	20	179	0	215
Ohio <sup>2</sup>	65	221	799	579	947	183	2,794	291	752	1,359	561	1,027	165	4,155
Oklahoma	18	67	292	412	778	349	1,916	2	116	139	217	153	340	967
Oregon	0	19	168	268	506	77	1,038	15	106	213	283	502	154	1,273
Pennsylvania	29	173	710	891	1,111	372	3,286	124	599	1,503	868	436	129	3,659
Rhode Island	0	0	14	60	173	121	368	17	64	117	105	136	98	537
South Carolina	0	20	129	162	567	124	1,002	19	103	565	224	391	175	1,477
South Dakota	1	5	10	18	192	13	239	9	0	8	25	152	0	194
Tennessee	13	35	280	590	1,148	16	2,082	14	146	482	348	598	34	1,622
Texas	0	59	1,095	1,241	4,279	343	7,017	146	583	1,458	996	3,258	1,162	7,603
Utah	0	0	1	11	502	0	514	1	5	1	27	444	0	478
Vermont	2	13	15	51	52	18	151	3	31	83	34	30	30	211
Virginia <sup>2</sup>	8	274	427	288	409	229	1,635	74	323	512	142	160	184	1,395
Washington	3	52	335	654	977	107	2,128	18	117	505	660	640	97	2,037
West Virginia <sup>2</sup>	24	86	115	69	125	0	419	64	127	89	37	119	0	436
Wisconsin	3	4	215	594	1,201	6	2,023	24	58	341	344	712	0	1,479
Wyoming	0	0	1	6	104	40	151	0	2	31	42	274	119	468
Total	385	2,714	14,176	15,171	43,723	9,653	85,822	2,250	7,762	19,451	13,157	32,958	9,800	85,378
Percent/System	0.4	3.2	16.5	17.7	51.0	11.2	100.0	2.6	9.1	22.8	15.4	38.6	11.5	100.0

<sup>1</sup> As expanded from the Highway Performance Monitoring System (HPMS) standard sample data.

<sup>2</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.

## TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1993 <sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-55  
 SHEET 1 OF 4  
 NOVEMBER 1994

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL						
	DIVIDED HIGHWAYS		OTHER <sup>2</sup>	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER <sup>2</sup>	TOTAL
	FULL ACCESS CONTROL					DEGREE OF ACCESS CONTROL <sup>3</sup>					
	4 LANES	> 4 LANES	NONE	PARTIAL	FULL	TOTAL					
Alabama	592	0	10	602	1,376	532	2	0	534	172	2,082
Alaska	0	0	1,033	1,033	299	1	3	0	4	24	327
Arizona	987	0	0	987	1,034	63	2	4	69	90	1,193
Arkansas	409	3	0	412	1,908	30	23	87	140	119	2,167
California	1,070	286	0	1,356	2,289	231	447	723	1,401	105	3,795
Colorado	747	21	0	768	1,735	0	182	7	189	275	2,199
Connecticut	79	22	0	101	178	1	1	66	68	17	263
Delaware	0	0	0	0	68	112	13	11	136	6	210
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0
Florida	918	100	1	1,019	2,245	1,142	0	179	1,321	87	3,653
Georgia	694	115	0	809	1,880	500	138	18	656	222	2,758
Hawaii <sup>4</sup>	0	0	0	0	7	2	0	0	2	1	10
Idaho	532	0	0	532	1,533	7	53	0	60	90	1,683
Illinois	1,366	28	27	1,421	2,443	42	112	134	288	22	2,753
Indiana	788	37	0	825	1,425	205	82	0	287	5	1,717
Iowa	606	30	0	636	2,917	0	239	100	339	148	3,404
Kansas	698	0	0	698	2,918	22	83	94	199	45	3,162
Kentucky	513	27	0	540	1,064	149	187	487	823	41	1,928
Louisiana	601	7	0	608	894	128	44	0	172	149	1,215
Maine	299	13	0	312	648	3	0	3	6	3	657
Maryland	104	123	0	227	181	184	120	40	344	23	548
Massachusetts	103	59	0	162	210	3	10	75	88	26	324
Michigan	649	92	0	741	2,181	77	0	404	481	85	2,747
Minnesota	661	20	0	681	2,757	446	263	22	731	81	3,569
Mississippi	558	0	0	558	1,114	242	196	134	572	62	1,748
Missouri	807	5	0	812	2,480	307	14	0	321	255	3,056
Montana	1,137	0	0	1,137	2,514	8	1	0	9	99	2,622
Nebraska	437	0	0	437	2,618	28	10	1	39	87	2,744
Nevada	465	0	15	480	1,105	160	0	15	175	114	1,394
New Hampshire	150	21	5	176	401	14	0	11	25	33	459
New Jersey	57	56	0	113	218	138	55	76	269	30	517
New Mexico	897	10	0	907	1,412	290	17	1	308	79	1,799
New York	728	52	17	797	1,374	79	131	268	478	108	1,960
North Carolina	615	18	0	633	1,262	341	212	215	768	152	2,182
North Dakota	531	0	0	531	2,567	0	361	0	361	2	2,930
Ohio <sup>4</sup>	819	15	13	847	1,040	52	406	176	634	16	1,690
Oklahoma	715	0	0	715	1,465	0	405	351	756	49	2,270
Oregon	560	21	0	581	2,388	7	14	1	22	431	2,841
Pennsylvania	1,061	18	0	1,079	1,598	212	38	414	664	333	2,595
Rhode Island	21	0	0	21	42	1	11	2	14	6	62
South Carolina	652	16	0	668	906	475	7	16	498	43	1,447
South Dakota	631	0	0	631	2,259	30	107	2	139	67	2,465
Tennessee	715	25	0	740	1,231	316	17	68	401	85	1,717
Texas	2,128	45	30	2,203	3,509	1,417	442	126	1,985	859	6,353
Utah	752	17	0	769	831	26	22	0	48	129	1,008
Vermont	280	0	0	280	257	3	7	16	26	35	318
Virginia <sup>4</sup>	670	118	0	788	385	760	66	114	940	199	1,524
Washington	401	96	4	501	1,915	0	131	7	138	58	2,111
West Virginia <sup>4</sup>	433	23	0	456	599	188	175	0	363	14	976
Wisconsin	443	50	2	495	2,863	16	206	270	492	60	3,415
Wyoming	779	0	48	827	1,623	1	0	0	1	10	1,634
Total	29,858	1,589	1,205	32,652	72,166	8,991	5,055	4,738	18,784	5,251	96,201
Percent/System	91.4	4.9	3.7	100.0	75.0	9.3	5.3	4.9	19.5	5.5	100.0



TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1993 1  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55  
SHEET 2 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL				MAJOR COLLECTOR				TOTAL						
	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				TOTAL					
		DEGREE OF ACCESS CONTROL	PARTIAL	FULL		TOTAL	OTHER 2	OTHER 2			OTHER 2				
Alabama	3,558	48	0	0	48	11,711	24	0	0	24	11,756	21	0	0	21
Alaska	927	0	0	0	0	1,267	0	0	0	0	1,267	0	0	0	0
Arizona	1,164	9	0	0	9	1,243	40	0	0	40	4,541	110	0	0	110
Arkansas	2,864	0	0	0	0	2,984	11	0	0	11	12,549	5	0	0	5
California	6,592	8	198	24	230	12,877	150	14	0	164	13,044	3	0	0	3
Colorado	3,602	0	15	0	15	5,849	0	16	0	16	5,874	9	0	0	9
Connecticut	473	3	0	0	3	1,126	0	0	0	0	1,139	13	0	0	13
Delaware	86	19	0	0	19	550	0	0	0	0	550	0	0	0	0
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	2,207	106	60	0	166	4,537	33	0	0	33	4,571	1	0	0	1
Georgia	5,573	0	0	0	0	13,625	0	0	0	0	13,625	0	0	0	0
Hawaii 4	350	3	0	0	3	419	0	0	0	0	419	0	0	0	0
Idaho	1,190	4	0	0	4	4,992	9	36	0	45	5,413	376	0	0	376
Illinois	4,734	34	44	4	82	13,915	12	44	0	56	13,971	1	0	0	1
Indiana	1,981	137	78	0	215	10,484	117	0	0	117	10,602	0	0	0	0
Iowa	3,891	0	4	0	4	3,958	63	0	0	63	14,308	82	0	0	82
Kansas	4,207	0	20	4	24	22,794	32	0	0	32	22,836	10	0	0	10
Kentucky	1,565	4	16	1	21	6,968	0	0	0	0	6,983	3	0	0	3
Louisiana	1,428	153	21	0	174	6,478	530	0	0	530	7,042	34	0	0	34
Maine	1,134	1	0	0	1	3,916	0	0	0	0	3,916	0	0	0	0
Maryland	947	6	0	0	6	1,826	5	0	0	5	1,842	11	0	0	11
Massachusetts	645	0	0	0	0	1,751	0	0	0	0	1,795	44	0	0	44
Michigan	3,824	29	0	0	29	17,025	25	0	0	25	17,116	66	0	0	66
Minnesota	6,152	24	0	0	24	6,190	35	0	0	35	15,957	0	0	0	0
Mississippi	3,821	0	0	0	0	3,924	0	0	0	0	11,986	0	0	0	0
Missouri	3,352	4	16	0	20	8,018	0	0	0	0	8,041	23	0	0	23
Montana	2,957	19	0	0	19	7,085	0	0	0	0	7,091	6	0	0	6
Nebraska	4,169	11	0	0	11	11,481	4	0	0	4	11,486	4	0	0	4
Nevada	681	35	0	0	35	1,961	0	0	0	0	1,970	9	0	0	9
New Hampshire	471	0	0	0	0	1,201	0	0	0	0	1,201	0	0	0	0
New Jersey	344	28	0	0	28	1,663	0	0	0	0	1,689	26	0	0	26
New Mexico	1,758	90	0	0	90	3,837	66	0	0	66	3,966	63	0	0	63
New York	3,996	123	0	13	136	4,219	2	31	0	33	6,042	1	0	0	1
North Carolina	2,602	61	104	0	165	8,461	3	0	0	3	8,631	167	0	0	167
North Dakota	2,517	0	0	0	0	11,087	0	0	0	0	11,087	0	0	0	0
Ohio 4	3,018	97	68	21	186	11,060	5	216	14	235	11,796	501	0	0	501
Oklahoma	2,625	0	167	1	168	2,842	0	105	0	105	21,302	58	0	0	58
Oregon	2,114	25	0	0	25	9,299	7	0	0	7	9,335	29	0	0	29
Pennsylvania	4,772	46	15	20	81	7,991	0	0	0	0	8,037	46	0	0	46
Rhode Island	70	0	0	0	0	169	0	0	0	0	176	4	0	0	4
South Carolina	3,297	337	0	0	337	8,007	19	0	0	19	8,114	88	0	0	88
South Dakota	3,215	4	3	0	7	12,663	0	0	0	0	12,679	16	0	0	16
Tennessee	3,335	51	0	3	54	5,281	0	0	0	0	5,299	18	0	0	18
Texas	8,174	476	52	4	532	34,733	484	7	8	499	35,545	313	0	0	313
Utah	1,500	14	1	0	15	1,539	0	0	0	0	3,229	19	0	0	19
Vermont	732	2	0	0	2	1,986	0	0	0	0	1,987	0	0	0	0
Virginia 4	3,280	114	23	0	137	9,997	78	0	0	78	10,214	139	0	0	139
Washington	1,920	0	49	0	49	8,325	0	0	0	0	8,360	35	0	0	35
West Virginia 4	1,545	6	11	0	17	6,078	0	0	0	0	6,083	5	0	0	5
Wisconsin	4,851	0	72	0	72	13,531	41	0	0	41	13,584	12	0	0	12
Wyoming	1,663	1	0	0	1	2,471	0	0	0	0	2,496	25	0	0	25
Total	131,843	2,132	1,037	95	3,264	427,905	1,747	470	34	2,251	432,675	2,519	0.6	0.5	100.0
Percent/System	95.6	1.5	0.8	0.1	2.4	98.9	0.4	0.1	0.0	0.5	100.0	0.6	0.5	100.0	0.6

TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55  
SHEET 3 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE					OTHER FREEWAYS AND EXPRESSWAYS					OTHER PRINCIPAL ARTERIAL					TOTAL			
	DIVIDED HIGHWAYS		OTHER <sup>2</sup>	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			OTHER <sup>2</sup>	TOTAL	2 LANES	DEGREE OF ACCESS CONTROL <sup>3</sup>			OTHER <sup>2</sup>		TOTAL		
	FULL ACCESS CONTROL					NONE	PARTIAL	FULL				NONE	PARTIAL	FULL				NONE	PARTIAL
	4 LANES	> 4 LANES	2 LANES	2 LANES	2 LANES														
Alabama	163	43	91	297	0	4	16	1	21	299	435	9	0	444	218	961			
Alaska	22	10	22	54	0	0	0	0	0	0	3	19	4	26	17	57			
Arizona	148	54	0	202	7	1	0	61	62	203	307	22	2	331	543	1,077			
Arkansas	86	45	0	131	9	20	44	64	64	94	14	6	26	254	593	961			
California	123	940	4	1,067	54	208	1,123	1,331	8	1,856	3,340	130	103	3,573	705	6,134			
Colorado	124	62	0	186	27	0	68	180	9	216	236	0	0	448	142	826			
Connecticut	74	168	0	242	3	4	187	191	3	398	56	5	0	61	143	602			
Delaware	11	30	0	41	0	0	9	9	9	9	78	4	1	83	21	137			
Dist. of Columbia	3	10	1	14	0	14	3	17	17	19	26	3	0	29	47	83			
Florida	219	205	0	424	7	0	272	276	1	284	421	0	0	1,635	234	2,290			
Georgia	163	271	0	434	8	22	128	150	9	167	885	6	0	431	668	1,984			
Hawaii <sup>4</sup>	6	38	0	44	3	44	3	47	3	53	12	8	0	20	37	98			
Idaho	77	2	0	79	0	0	0	0	0	0	16	12	0	28	101	223			
Illinois	311	311	8	630	3	5	11	60	76	80	655	257	48	960	572	2,579			
Indiana	186	127	0	313	69	6	46	12	64	2	135	98	1	126	72	1,547			
Iowa	102	45	0	147	0	0	0	0	0	202	30	186	39	255	233	690			
Kansas	100	73	0	173	3	2	47	125	0	128	244	3	123	257	624	624			
Kentucky	136	85	0	221	4	23	64	87	2	93	229	154	13	244	147	620			
Louisiana	175	87	1	263	0	5	18	44	1	45	217	383	4	424	200	841			
Maine	53	1	0	54	1	3	12	15	17	17	23	3	3	30	8	166			
Maryland	67	187	1	255	11	6	79	121	206	7	224	259	7	427	174	860			
Massachusetts	80	323	0	403	21	0	10	167	177	199	1,172	137	8	220	158	1,550			
Michigan	196	301	2	499	3	2	0	216	218	0	525	351	3	360	1,101	1,986			
Minnesota	126	106	1	233	0	7	45	76	128	2	130	241	18	309	73	623			
Mississippi	127	0	0	127	0	7	30	30	40	0	265	122	38	268	93	626			
Missouri	156	210	0	366	142	1	123	0	124	0	276	971	8	58	51	1,080			
Montana	53	0	0	53	0	0	0	0	0	0	19	3	0	22	70	173			
Nebraska	33	11	0	44	6	2	1	3	3	11	106	37	4	147	114	417			
Nevada	45	20	0	65	0	0	0	32	32	0	71	60	0	60	113	244			
New Hampshire	35	13	0	48	1	6	33	39	0	40	138	13	0	15	21	214			
New Jersey	54	246	0	300	2	23	31	250	304	0	506	455	81	30	566	91	1,163		
New Mexico	65	26	0	91	0	0	0	0	0	83	290	17	4	311	118	512			
New York	296	385	22	703	23	15	154	636	805	29	857	874	60	39	438	1,136	2,448		
North Carolina	280	87	0	367	21	19	79	132	230	9	260	598	45	10	330	433	1,361		
North Dakota	37	3	0	40	0	0	0	0	0	0	74	4	35	0	39	51	164		
Ohio <sup>4</sup>	507	712	7	1,226	8	25	117	225	367	6	381	1,181	288	41	433	540	2,154		
Oklahoma	142	7	0	149	0	15	136	111	126	3	85	256	0	193	382	831	831		
Oregon	88	58	0	146	2	18	28	46	5	53	310	16	2	18	342	670	670		
Pennsylvania	398	111	0	509	14	11	19	403	433	38	485	1,137	391	31	456	678	2,271		
Rhode Island	16	33	0	49	0	4	15	42	61	7	68	214	11	30	107	351	351		
South Carolina	91	51	0	142	4	7	27	31	65	1	70	158	4	446	92	696	696		
South Dakota	47	0	0	47	0	0	0	0	0	3	3	48	7	24	67	139	139		
Tennessee	181	141	0	322	1	15	114	80	111	1	114	387	32	5	442	453	1,282		
Texas	476	555	0	1,031	155	179	135	571	885	172	1,212	1,790	65	782	2,251	4,923	4,923		
Utah	57	111	0	168	3	3	0	0	6	0	9	70	27	171	26	267	267		
Vermont	40	40	0	80	0	0	5	1	6	8	20	78	2	0	2	17	97	97	
Virginia <sup>4</sup>	176	138	4	318	10	33	5	122	160	24	194	390	37	7	371	239	1,000	1,000	
Washington	104	158	0	262	38	1	78	109	188	76	302	596	24	3	58	410	1,064	1,064	
West Virginia <sup>4</sup>	84	9	1	94	0	2	1	4	4	1	9	135	15	0	56	14	205	205	
Wisconsin	85	56	2	143	9	0	23	141	164	5	178	623	101	38	404	240	1,267	1,267	
Wyoming	86	0	1	87	0	0	2	1	3	0	3	94	44	71	40	205	205	205	
Total	6,480	6,230	168	12,878	693	380	1,635	5,675	7,690	474	8,857	21,697	587	16,824	14,314	52,835	52,835	52,835	
Percent/System	50.3	48.4	1.3	100.0	7.8	4.3	18.5	64.0	86.8	5.4	100.0	41.1	5.7	31.8	27.1	100.0	100.0	100.0	100.0

TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55  
SHEET 4 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL				COLLECTOR				TOTAL	OTHER <sup>2</sup>	TOTAL		
	2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES		2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES					TOTAL	
	2 LANES	DEGREE OF ACCESS CONTROL <sup>3</sup>	PARTIAL	FULL	DEGREE OF ACCESS CONTROL <sup>3</sup>	PARTIAL	FULL	DEGREE OF ACCESS CONTROL <sup>3</sup>					PARTIAL
Alabama	1,424	77	0	0	77	472	1,973	2,029	6	0	6	107	2,142
Alaska	156	13	0	0	22	27	205	207	0	0	0	7	214
Arizona	552	134	0	0	176	502	1,230	1,679	60	0	60	329	2,068
Arkansas	866	3	0	0	5	112	983	864	1	0	1	28	905
California	5,687	2,422	3	2,554	3	1,732	9,973	9,266	310	0	310	537	10,113
Colorado	892	0	0	256	256	215	1,116	1,116	0	58	0	104	1,278
Connecticut	1,257	21	0	22	22	132	1,411	1,265	3	0	3	38	1,306
Delaware	113	19	0	2	21	25	159	207	6	0	6	4	217
Dist. of Columbia	81	16	5	23	23	74	178	125	5	0	5	27	157
Florida	1,073	1,014	18	45	1,077	258	2,408	4,597	288	0	288	293	5,178
Georgia	2,627	0	0	0	0	37	2,627	2,114	0	0	0	0	2,114
Hawaii <sup>4</sup>	91	20	0	0	20	148	148	229	0	0	0	10	239
Idaho	405	13	4	17	17	45	467	503	0	0	0	4	507
Illinois	2,495	362	20	382	382	862	3,739	3,239	83	1	84	232	3,555
Indiana	2,024	82	3	85	85	300	2,409	2,131	5	0	5	51	2,187
Iowa	833	51	3	54	54	457	1,344	773	3	0	3	146	922
Kansas	801	71	3	74	74	898	1,067	907	4	3	7	46	951
Kentucky	984	101	17	119	119	75	1,178	1,123	1	0	1	21	1,145
Louisiana	1,279	114	0	114	114	215	1,608	1,184	35	0	35	83	1,302
Maine	247	5	0	5	5	28	280	468	0	0	0	14	482
Maryland	3,010	214	4	830	218	145	1,193	1,020	101	0	101	179	1,300
Massachusetts	2,452	57	0	57	57	18	3,085	2,432	0	0	0	79	2,511
Michigan	1,432	272	2	283	283	666	3,401	2,444	49	3	52	303	2,599
Minnesota	589	170	0	222	222	242	1,896	1,443	68	0	68	111	1,623
Mississippi	1,264	29	0	30	30	80	669	907	0	0	0	65	972
Missouri	217	7	0	7	7	431	1,725	1,590	5	0	5	37	1,632
Montana	429	50	0	50	50	93	532	394	8	0	8	7	290
Nebraska	114	86	0	86	86	53	393	348	60	0	60	65	473
New Hampshire	404	13	0	16	16	12	432	269	0	0	0	1	270
New Jersey	2,774	22	6	28	28	292	3,094	1,935	7	0	7	70	2,012
New Mexico	184	84	0	84	84	50	318	317	32	0	32	25	374
New York	4,116	202	77	307	307	300	4,723	3,819	17	0	17	206	4,042
North Carolina	1,716	48	49	97	97	541	2,354	1,578	12	0	12	93	1,683
North Dakota	217	1	13	14	14	261	214	214	0	0	0	1	215
Ohio <sup>4</sup>	2,135	82	73	163	163	496	2,794	3,835	23	9	32	288	4,155
Oklahoma	1,495	0	1	1	1	420	1,916	912	0	0	0	55	967
Oregon	856	36	0	36	36	146	1,038	1,201	3	0	3	69	1,273
Pennsylvania	2,724	219	4	17	240	322	3,286	3,552	12	0	12	95	3,659
Rhode Island	322	16	4	25	25	21	368	533	0	0	0	4	537
South Carolina	669	224	0	224	224	109	1,002	1,372	47	0	47	58	1,477
South Dakota	217	0	0	0	0	22	239	178	0	0	0	16	194
Tennessee	1,499	103	0	105	105	478	2,082	1,506	20	0	20	96	1,622
Texas	4,770	807	19	835	835	1,412	7,017	6,787	99	32	131	676	7,603
Utah	315	164	11	175	175	24	514	415	42	0	42	21	478
Vermont	149	0	0	0	0	2	151	211	0	0	0	0	211
Virginia <sup>4</sup>	1,258	116	6	131	131	245	1,635	1,291	9	2	11	93	1,395
Washington	1,691	41	13	54	54	383	2,128	1,958	4	0	4	75	2,037
West Virginia <sup>4</sup>	388	12	2	14	14	17	416	416	12	0	12	8	436
Wisconsin	1,538	283	31	314	314	171	2,023	1,448	21	3	24	7	1,479
Wyoming	119	8	3	11	11	21	151	459	1	0	1	8	468
Total	63,780	7,904	888	138	8,930	13,112	85,822	78,883	1,480	113	9	1,602	85,378
Percent/System	74.3	9.2	1.0	0.2	10.4	15.3	100.0	92.4	1.8	0.1	0.0	1.9	100.0

<sup>1</sup> As summarized from the Highway Performance Monitoring System (HPMS) universe data for the Principal Arterials and as expanded from the HPMS standard sample data for other systems. This table reflects the prevailing number of lanes (excluding parking lanes) carrying through traffic during the off-peak period.  
<sup>2</sup> Includes 3-lane roadways, one-way streets, undivided 4-lane highways, etc. for Interstate 2-lane roadways.  
<sup>3</sup> 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 crossing at grade with public roads, but direct private driveway connections have been minimized.  
<sup>4</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.

## AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1993<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57  
SHEET 1 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE					OTHER PRINCIPAL ARTERIAL						
	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
Alabama	0	9	298	295	602	17	169	210	1,311	251	124	2,082
Alaska	984	23	23	3	1,033	145	81	36	61	4	0	327
Arizona	63	209	562	153	987	13	71	180	869	37	23	1,193
Arkansas	0	0	220	192	412	52	195	349	1,413	86	72	2,167
California	0	92	432	832	1,356	82	293	353	1,801	517	749	3,795
Colorado	70	377	152	169	768	261	509	462	796	128	43	2,199
Connecticut	0	0	22	79	101	0	0	4	99	69	91	263
Delaware	0	0	0	0	0	10	0	0	45	52	103	210
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0
Florida	1	45	337	636	1,019	45	126	357	1,978	619	528	3,653
Georgia	1	71	218	519	809	33	260	356	1,842	184	83	2,758
Hawaii <sup>2</sup>	0	0	0	0	0	0	0	0	1	7	2	10
Idaho	209	134	183	6	532	263	524	385	480	25	6	1,683
Illinois	14	207	939	261	1,421	27	300	571	1,727	102	26	2,753
Indiana	0	50	292	483	825	0	17	13	1,155	310	222	1,717
Iowa	18	121	324	173	636	37	555	1,019	1,739	48	6	3,404
Kansas	47	382	247	22	698	156	915	861	1,170	37	23	3,162
Kentucky	0	0	190	350	540	1	56	125	1,427	230	89	1,928
Louisiana	9	138	163	298	608	0	57	216	763	89	90	1,215
Maine	61	73	101	77	312	0	75	72	420	69	21	657
Maryland	0	14	59	154	227	0	0	15	129	153	251	548
Massachusetts	0	0	24	138	162	4	8	4	148	46	114	324
Michigan	31	82	259	369	741	76	300	328	1,552	188	303	2,747
Minnesota	28	253	288	112	681	195	630	812	1,629	231	72	3,569
Mississippi	0	140	301	117	558	15	91	304	1,115	144	79	1,748
Missouri	15	53	356	388	812	51	301	332	1,843	374	155	3,056
Montana	891	220	26	0	1,137	739	1,124	367	362	27	3	2,622
Nebraska	91	18	277	51	437	583	990	446	698	21	6	2,744
Nevada	189	162	92	37	480	490	556	94	202	25	27	1,394
New Hampshire	17	28	78	53	176	0	9	18	278	100	54	459
New Jersey	0	0	9	104	113	0	1	7	147	128	234	517
New Mexico	279	120	436	72	907	307	434	463	413	130	52	1,799
New York	5	190	266	336	797	25	131	125	1,302	226	151	1,960
North Carolina	0	60	131	442	633	6	56	179	1,258	431	252	2,182
North Dakota	325	198	8	0	531	1,600	916	243	159	12	0	2,930
Ohio <sup>2</sup>	2	11	184	650	847	4	48	94	1,058	301	185	1,690
Oklahoma	27	74	526	88	715	114	433	378	1,142	184	19	2,270
Oregon	10	231	167	173	581	483	520	325	1,293	120	100	2,841
Pennsylvania	0	23	695	361	1,079	6	87	245	1,290	501	466	2,595
Rhode Island	0	0	0	21	21	0	7	9	24	14	8	62
South Carolina	0	0	192	476	668	8	48	234	860	174	123	1,447
South Dakota	311	283	35	2	631	947	898	370	247	3	0	2,465
Tennessee	13	2	101	624	740	8	112	162	1,149	202	84	1,717
Texas	360	567	791	485	2,203	313	887	859	3,436	480	378	6,353
Utah	236	359	135	39	769	114	284	201	356	45	8	1,008
Vermont	87	38	144	11	280	0	5	20	256	34	3	318
Virginia <sup>2</sup>	0	45	184	559	788	2	0	21	951	354	196	1,524
Washington	10	122	169	200	501	117	294	446	1,012	137	105	2,111
West Virginia <sup>2</sup>	3	59	212	182	456	0	0	46	692	143	95	976
Wisconsin	0	0	195	300	495	0	212	566	2,261	240	136	3,415
Wyoming	458	334	35	0	827	262	988	243	139	2	0	1,634
Total	4,865	5,617	11,078	11,092	32,652	7,611	14,573	13,525	46,498	8,034	5,960	96,201
Percent/System	14.9	17.2	33.9	34.0	100.0	7.9	15.1	14.1	48.3	8.4	6.2	100.0

AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57  
SHEET 2 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL						TOTAL	MAJOR COLLECTOR						TOTAL
	AVERAGE DAILY TRAFFIC VOLUME							AVERAGE DAILY TRAFFIC VOLUME						
	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 100	100- 499	500- 999	1,000- 4,999	5,000- 9,999	10,000 AND OVER	
Alabama	344	1,093	985	1,194	67	1	3,684	303	2,980	4,164	4,082	199	28	11,756
Alaska	859	48	0	0	0	0	927	229	379	293	0	27	0	1,267
Arizona	163	427	260	359	16	18	1,243	188	1,005	972	2,123	30	30	4,541
Arkansas	212	1,115	987	611	27	32	2,984	384	4,138	4,446	3,451	111	19	12,549
California	1,550	1,347	1,309	2,182	312	162	6,862	330	3,446	2,623	5,523	877	245	13,044
Colorado	1,645	1,145	377	484	16	15	3,682	480	1,929	2,208	1,195	51	11	5,874
Connecticut	2	36	77	314	40	27	496	0	23	112	847	149	13	1,139
Delaware	0	8	15	52	21	9	105	0	19	80	362	76	8	550
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	82	464	446	1,124	114	163	2,393	0	974	925	2,257	312	103	4,571
Georgia	534	1,312	1,522	2,040	66	99	5,573	0	3,152	3,729	6,396	295	53	13,625
Hawaii <sup>2</sup>	5	55	45	154	56	42	357	0	58	62	233	46	20	419
Idaho	534	261	194	173	4	0	1,166	1,152	2,539	851	845	26	0	5,413
Illinois	229	1,690	1,435	1,414	45	3	4,816	208	4,695	2,896	6,009	163	0	13,971
Indiana	15	84	524	1,504	88	36	2,251	105	1,281	2,481	6,019	706	10	10,602
Iowa	887	1,898	720	450	3	0	3,958	868	6,533	4,539	2,323	45	0	14,308
Kansas	2,214	1,257	614	210	6	0	4,301	8,073	10,933	2,247	1,572	9	2	22,836
Kentucky	34	371	409	745	29	5	1,593	0	543	1,759	4,264	357	60	6,983
Louisiana	4	540	406	624	36	12	1,622	0	682	1,707	4,111	442	100	7,042
Maine	93	215	235	542	51	29	1,165	0	335	1,029	2,412	125	15	3,916
Maryland	10	89	67	580	182	25	953	0	63	232	1,191	296	60	1,842
Massachusetts	2	43	227	311	61	19	663	163	160	1,062	1,795	21	20	1,201
Michigan	324	714	1,191	1,432	151	83	3,895	867	2,699	3,369	9,631	497	53	17,116
Minnesota	2,375	2,162	731	861	35	26	6,190	1,243	6,672	4,210	3,796	46	0	15,967
Mississippi	610	1,474	937	893	8	2	3,924	588	6,036	2,365	2,856	221	22	12,109
Missouri	756	777	947	847	45	5	3,377	604	9,092	3,644	4,430	216	55	18,041
Montana	2,424	371	94	86	0	0	2,986	1,744	4,072	543	702	28	2	7,091
Nebraska	1,787	1,655	527	210	5	0	4,184	3,800	5,804	1,336	523	15	8	11,486
Nevada	486	94	7	90	33	11	721	163	1,523	27	188	62	7	1,970
New Hampshire	7	77	76	282	12	37	491	0	14	886	886	113	20	1,201
New Jersey	0	8	3	235	52	74	372	0	122	1,040	1,689	308	27	1,689
New Mexico	603	853	223	196	15	2	1,892	536	1,466	669	1,166	94	35	3,966
New York	208	777	1,179	1,956	93	6	4,219	0	317	2,091	3,387	231	16	6,042
North Carolina	224	377	321	1,740	186	120	2,968	0	411	1,308	5,781	975	156	8,631
North Dakota	2,267	250	0	0	0	0	2,517	3,828	6,487	641	131	0	0	11,087
Ohio <sup>2</sup>	29	331	583	2,164	69	128	3,304	0	2,157	1,802	6,835	902	100	11,796
Oklahoma	480	1,018	537	776	11	20	2,842	5,526	7,223	2,911	5,410	201	31	21,302
Oregon	1,004	361	266	509	50	8	2,218	1,202	3,248	2,050	2,726	94	15	9,335
Pennsylvania	283	975	1,093	2,467	215	38	5,071	0	1,070	1,605	4,881	426	55	8,037
Rhode Island	5	6	11	55	3	0	80	0	11	22	132	2	9	176
South Carolina	284	752	1,127	1,319	97	83	3,662	116	1,928	1,835	3,916	292	27	8,114
South Dakota	2,643	447	90	57	1	0	3,238	4,176	6,922	1,018	542	0	21	12,679
Tennessee	280	602	786	1,618	115	40	3,441	0	1,641	1,072	2,319	228	39	5,299
Texas	1,879	2,614	1,864	2,884	167	70	9,478	1,406	12,996	9,203	11,089	728	123	35,545
Utah	828	360	153	192	2	4	1,539	521	1,125	756	770	50	7	3,229
Vermont	62	152	186	320	12	2	734	33	246	569	1,094	43	2	1,987
Virginia <sup>2</sup>	225	680	768	1,557	223	89	3,542	0	3,301	1,990	4,331	479	113	10,214
Washington	637	467	371	430	21	43	1,969	342	3,154	2,027	2,624	184	29	8,350
West Virginia <sup>2</sup>	115	385	377	623	53	11	1,564	0	1,086	945	3,681	321	50	6,083
Wisconsin	809	1,552	966	1,623	29	63	5,042	134	5,708	3,866	3,769	99	8	13,584
Wyoming	1,017	506	69	78	4	0	1,674	95	1,774	355	268	4	0	2,496
Total	32,069	34,315	26,337	40,587	2,958	1,662	137,928	39,407	144,172	90,196	145,520	11,531	1,849	432,675
Percent/System	23.3	24.9	19.1	29.4	2.1	1.2	100.0	9.1	33.3	20.8	33.7	2.7	0.4	100.0



**AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1993<sup>1</sup>**  
**MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-57  
 SHEET 4 OF 4  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL										TOTAL	COLLECTOR										TOTAL
	AVERAGE DAILY TRAFFIC VOLUME					20,000 AND OVER	AVERAGE DAILY TRAFFIC VOLUME					20,000 AND OVER										
	LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999		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	23	545	359	595	392	59	1,973	228	1,203	338	280	87	6	2,142								
Alaska	10	34	33	54	60	14	205	68	81	44	20	1	0	214								
Arizona	23	184	156	318	338	211	1,230	473	607	181	571	198	38	2,068								
Arkansas	123	307	187	232	117	17	983	358	347	124	74	2	0	905								
California	573	1,453	1,143	2,459	3,002	1,343	9,973	1,848	3,486	2,149	2,000	605	25	10,113								
Colorado	46	290	258	428	206	45	1,363	210	589	231	208	37	3	1,278								
Connecticut	36	243	197	526	376	33	1,411	285	494	271	218	37	1	1,306								
Delaware	0	13	12	43	73	18	159	20	45	59	58	35	0	217								
Dist. of Columbia	0	0	4	32	116	26	178	0	27	45	75	7	3	157								
Florida	14	119	131	524	786	834	2,408	704	1,368	1,043	1,296	625	142	5,178								
Georgia	78	496	440	749	625	239	2,627	131	612	405	367	583	16	2,114								
Hawaii <sup>2</sup>	0	4	6	36	71	31	148	5	33	49	85	59	8	239								
Idaho	65	112	95	107	80	8	467	194	179	79	46	9	0	507								
Illinois	81	547	436	1,040	1,137	498	3,739	539	1,095	451	701	659	110	3,555								
Indiana	36	425	521	793	550	84	2,409	699	881	300	241	57	9	2,187								
Iowa	125	401	286	380	145	7	1,344	333	363	143	77	6	0	922								
Kansas	97	242	189	282	245	12	1,067	320	405	114	97	14	1	951								
Kentucky	8	127	178	383	415	67	1,178	77	412	341	281	30	4	1,145								
Louisiana	107	328	327	468	334	44	1,608	430	436	223	182	26	5	1,302								
Maine	0	43	48	93	88	8	280	59	108	108	88	16	0	482								
Maryland	11	120	98	322	454	188	1,193	207	261	304	325	165	38	1,300								
Massachusetts	12	323	635	1,704	392	19	3,085	256	1,239	930	80	6	0	2,511								
Michigan	80	417	509	1,084	1,017	294	3,401	397	1,011	484	522	176	9	2,599								
Minnesota	107	393	291	484	483	138	1,896	524	462	255	278	98	6	1,623								
Mississippi	16	130	181	261	80	1	669	225	470	172	94	10	1	972								
Missouri	95	358	229	561	390	92	1,725	404	568	293	286	77	4	1,632								
Montana	5	79	55	77	17	0	233	30	128	119	12	1	0	290								
Nebraska	16	156	82	141	116	21	532	65	191	53	83	17	0	409								
Nevada	3	25	52	111	96	106	393	28	142	79	130	39	55	130								
New Hampshire	4	41	59	189	118	21	432	25	122	13	39	13	0	270								
New Jersey	108	209	543	1,226	910	98	3,094	98	699	525	566	106	18	2,012								
New Mexico	12	60	50	104	76	16	318	59	107	80	89	39	0	374								
New York	22	220	459	3,223	708	91	4,723	79	2,271	1,486	170	35	1	10,042								
North Carolina	88	374	478	737	554	123	2,354	588	477	263	255	92	8	1,683								
North Dakota	62	62	59	58	20	0	261	73	88	38	15	1	0	215								
Ohio <sup>2</sup>	38	349	606	919	745	137	2,794	229	1,511	1,019	972	417	7	4,155								
Oklahoma	319	462	278	463	315	79	1,916	298	366	168	104	24	7	967								
Oregon	73	272	150	277	222	44	1,038	264	535	209	188	71	6	1,273								
Pennsylvania	45	308	470	1,223	1,078	162	3,286	372	1,363	859	892	173	0	3,659								
Rhode Island	11	32	97	175	52	1	368	110	268	115	43	1	0	537								
South Carolina	27	75	141	399	308	52	1,002	301	608	294	239	35	0	1,477								
South Dakota	28	98	35	49	25	4	239	87	47	21	32	6	1	194								
Tennessee	38	327	312	719	555	131	2,082	275	579	407	262	97	2	1,622								
Texas	615	1,757	1,276	1,688	1,417	264	7,017	2,079	3,045	1,240	889	341	9	7,603								
Utah	19	33	70	126	167	99	514	48	140	71	133	80	6	478								
Vermont	2	36	33	55	24	1	151	40	108	36	22	5	0	211								
Virginia <sup>2</sup>	24	482	180	383	396	170	1,635	259	279	284	284	108	7	1,395								
Washington	109	325	382	709	500	103	2,128	328	851	407	372	407	6	2,037								
West Virginia <sup>2</sup>	28	58	82	123	113	15	419	94	165	78	74	25	0	436								
Wisconsin	21	516	424	587	387	88	2,023	464	700	208	105	2	0	1,479								
Wyoming	11	62	28	41	9	0	151	187	182	65	33	1	0	468								
Total	3,494	14,072	13,350	27,760	20,990	6,156	85,822	15,474	32,036	17,326	14,553	5,427	562	85,378								
Percent/System	4.1	16.4	15.6	32.2	24.5	7.2	100.0	18.1	37.5	20.3	17.0	6.4	0.7	100.0								

<sup>1</sup> As summarized from the Highway Performance Monitoring System (HPMS) universe data for the Principal Arterials and as expanded from the HPMS standard sample data for other systems.

<sup>2</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.

**LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY  
TRAFFIC VOLUME - RURAL - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM**

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59  
 SHEET 1 OF 4  
 NOVEMBER 1994

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE						OTHER PRINCIPAL ARTERIAL						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		
Undivided:														
Less than 9 feet	0	0	0	0	0	0	0	0	81	9	0	0	1	95
9 feet	0	0	0	0	0	0	15	143	38	75	13	0	1	283
10 feet	22	0	0	0	0	0	166	284	286	1,131	87	0	59	2,020
11 feet	103	0	0	0	0	0	770	1,300	1,537	4,791	418	0	111	8,962
12 feet	537	19	14	1	0	0	6,261	12,052	10,184	27,724	2,320	0	863	59,244
Greater than 12 feet	331	0	0	3	0	0	399	482	562	2,145	160	0	56	3,806
Total Undivided	993	19	14	4	0	0	7,611	14,261	12,688	35,875	2,998	0	1,091	74,410
Divided:														
No access control:														
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	0	0	0	0	0	0	4	5	0	0	9
10 feet	0	0	0	0	0	0	0	0	0	3	80	131	22	237
11 feet	0	0	0	0	0	0	0	0	1	45	141	70	236	494
12 feet	0	0	0	0	0	0	0	63	251	4,540	2,347	0	2,095	9,334
Greater than 12 feet	0	0	0	0	0	0	0	0	5	192	88	29	0	316
Subtotal	0	0	0	0	0	0	0	66	304	4,957	2,641	0	2,382	10,390
Partial access control: 2														
Less than 9 feet	0	0	0	0	0	0	0	0	0	1	0	0	0	1
9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 feet	0	0	0	0	0	0	0	0	3	27	12	2	2	45
11 feet	0	0	0	0	0	0	0	0	0	0	40	55	0	153
12 feet	0	49	21	6	0	0	0	128	452	2,391	1,265	1,025	0	5,296
Greater than 12 feet	0	0	0	2	0	0	0	21	2	75	37	0	0	136
Subtotal	0	49	21	8	0	0	0	151	457	2,550	1,354	1,082	0	5,631
Full access control: 2														
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	1	0	0	0	0	0	0	0	0	0	0
10 feet	0	0	0	0	0	0	0	0	0	0	10	0	0	10
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 feet	0	0	0	0	0	0	0	0	0	42	0	1	0	44
Greater than 12 feet	3,867	5,401	10,798	10,994	31,060	0	95	76	3,074	1,031	1,400	0	0	5,712
Subtotal	5	148	237	78	468	0	0	0	0	0	0	0	0	4
Total Divided	3,872	5,549	11,043	11,080	31,544	0	0	95	76	3,116	1,041	1,405	0	5,770
Total	3,872	5,598	11,064	11,088	31,622	0	0	312	837	10,623	5,036	4,869	0	21,791
Total	4,865	5,617	11,078	11,092	32,652	0	7,611	14,573	13,525	46,498	8,034	5,960	0	96,201



**LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY  
TRAFFIC VOLUME - RURAL - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-59  
SHEET 2 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MINOR ARTERIAL						MAJOR COLLECTOR							
	AVERAGE DAILY TRAFFIC VOLUME						AVERAGE DAILY TRAFFIC VOLUME							
	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
Undivided:														
Less than 9 feet	61	38	42	7	0	0	148	2,146	5,912	1,815	840	13	0	10,726
9 feet	446	848	672	508	47	6	2,527	4,533	13,688	8,642	12,920	257	35	40,075
10 feet	3,576	4,719	3,192	4,409	277	52	16,225	8,065	45,173	31,580	39,983	1,517	278	126,596
11 feet	5,444	6,391	6,290	7,309	474	159	26,067	10,557	31,235	22,074	36,078	2,339	204	102,487
12 feet	20,869	20,571	14,356	24,548	1,382	623	82,349	12,371	44,584	24,917	49,563	5,978	885	138,298
Greater than 12 feet	1,594	1,646	1,536	1,803	131	85	6,795	1,735	3,538	1,035	4,462	897	132	11,799
Total Undivided	31,990	34,213	26,088	38,584	2,311	925	134,111	39,407	144,130	90,063	143,846	11,001	1,534	429,981
Divided:														
No access control:														
Less than 9 feet	0	0	0	10	0	0	10	0	0	0	6	0	0	6
9 feet	0	0	0	0	0	1	1	0	0	0	0	0	0	0
10 feet	0	11	0	72	10	21	114	0	0	0	138	0	11	149
11 feet	57	0	16	176	71	3	323	0	0	0	165	0	44	209
12 feet	22	70	185	1,170	345	408	2,200	0	30	80	1,064	308	216	1,698
Greater than 12 feet	0	6	0	41	1	12	60	0	0	0	30	55	6	91
Subtotal	79	87	201	1,469	427	445	2,708	0	30	80	1,403	363	277	2,153
Partial access control: 2														
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 feet	0	0	0	1	0	0	1	0	0	0	0	0	0	0
11 feet	0	0	0	0	0	0	0	0	0	0	1	0	0	1
12 feet	0	15	48	472	195	273	1,003	0	12	24	256	147	38	477
Greater than 12 feet	0	0	0	1	3	0	4	0	0	0	0	0	0	0
Subtotal	0	15	48	474	198	273	1,008	0	12	24	257	147	38	478
Full access control: 2														
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 feet	0	0	0	60	22	19	101	0	0	29	14	20	0	63
Greater than 12 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	60	22	19	101	0	0	29	14	20	0	63
Total Divided	79	102	249	2,003	647	737	3,817	0	42	133	1,674	530	315	2,694
Total	32,069	34,315	26,337	40,587	2,958	1,662	137,928	39,407	144,172	90,196	145,520	11,531	1,849	432,675

**LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY  
TRAFFIC VOLUME - URBAN - 1993<sup>1</sup>**  
**MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-59  
SHEET 4 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MINOR ARTERIAL										COLLECTOR					TOTAL
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL				
	LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999		20,000 AND OVER	LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999		10,000- 19,999	20,000 AND OVER		
Undivided:	75	99	75	47	59	10	365	746	849	468	180	7	0	2,250		
Less than 9 feet	295	831	539	541	415	18	2,639	2,438	3,312	1,267	582	94	7	7,700		
10 feet	1,175	2,807	2,289	4,240	2,536	640	13,687	3,871	8,117	3,648	2,630	679	75	19,020		
11 feet	441	2,835	2,196	4,172	3,179	665	13,488	1,738	5,018	2,696	2,429	892	45	12,818		
12 feet	1,240	6,048	6,551	12,674	8,411	1,501	36,425	5,185	10,656	6,750	6,030	2,423	165	31,209		
Greater than 12 feet	179	1,164	1,275	3,829	2,021	224	8,692	1,414	3,584	2,012	1,738	694	70	9,512		
Total Undivided	3,405	13,784	12,925	25,503	16,621	3,058	75,296	15,392	31,536	16,841	13,589	4,789	362	82,509		
Divided:																
No access control:																
Less than 9 feet	0	0	0	0	8	4	12	5	0	0	7	0	0	12		
9 feet	0	8	1	7	28	9	53	3	7	2	2	0	0	14		
10 feet	12	44	4	92	144	166	462	1	82	27	83	47	5	245		
11 feet	31	49	21	248	673	509	1,531	13	22	94	67	164	9	369		
12 feet	30	106	247	1,227	2,725	2,002	6,337	36	295	253	594	338	175	1,691		
Greater than 12 feet	5	33	26	397	317	113	891	4	54	92	115	62	8	335		
Subtotal	78	240	299	1,971	3,895	2,803	9,286	62	460	468	868	611	197	2,666		
Partial access control: <sup>2</sup>																
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9 feet	0	0	7	0	0	0	7	0	0	0	0	0	1	1		
10 feet	0	4	0	5	9	1	19	0	3	4	29	8	0	44		
11 feet	1	0	13	20	49	36	119	0	0	3	3	0	1	7		
12 feet	6	35	80	236	354	174	885	20	37	10	57	17	1	142		
Greater than 12 feet	0	7	5	19	13	10	54	0	0	0	0	0	0	0		
Subtotal	7	46	105	280	425	221	1,084	20	40	17	89	25	3	194		
Full access control: <sup>2</sup>																
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10 feet	0	0	0	0	0	0	4	0	0	0	0	0	0	0		
11 feet	0	0	16	4	17	0	37	0	0	0	0	0	0	0		
12 feet	4	2	1	2	32	74	115	0	0	0	7	2	0	9		
Greater than 12 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Subtotal	4	2	21	6	49	74	156	0	0	0	7	2	0	9		
Total Divided	89	288	425	2,257	4,369	3,098	10,526	82	500	485	964	638	200	2,859		
Total	3,494	14,072	13,350	27,760	20,990	6,156	85,822	15,474	32,036	17,326	14,553	5,427	562	85,378		

<sup>1</sup> As expanded from the Highway Performance Monitoring System (HPMS) standard sample data for Arterials & Collectors from reports of 50 States and the District of Columbia. For West Virginia, 1992 data were factored to 1993 levels by FHWA. For Hawaii, Ohio and Virginia, 1992 data were used (1993 data not available).

<sup>2</sup> 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.

**LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1993<sup>1</sup>**  
**MILEAGE BY FUNCTIONAL SYSTEM**

TABLE HM-59  
 SHEET 3 OF 4  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						TOTAL
	AVERAGE DAILY TRAFFIC VOLUME			AVERAGE DAILY TRAFFIC VOLUME			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 15,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER	
Undivided:	0	0	0	0	0	0	0	0	0	0	0	0	1	10	1	9	14	3	38
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	5	35	28	55	128	90	341
9 feet	0	0	0	0	0	0	0	1	0	0	0	0	13	237	159	623	1,408	1,169	3,609
10 feet	0	0	0	0	0	0	40	273	1	0	0	314	120	1,198	282	1,198	2,162	1,206	5,099
11 feet	0	0	0	0	0	0	11	18	6	0	0	35	115	781	1,437	5,325	8,577	4,064	20,299
12 feet	15	8	0	0	0	24	1,016	193	38	4	2	1,253	43	135	317	916	1,781	522	3,714
Greater than 12 feet	5	0	0	0	5	5	25	2	0	0	0	27	297	1,329	2,224	8,126	14,070	7,054	33,100
Total Undivided	20	9	0	1	2	32	1,092	487	45	4	2	1,630	43	106	276	1,061	4,172	9,545	15,203
Divided:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
No access control:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9 feet	0	0	0	0	0	0	0	8	0	0	0	8	0	2	3	50	129	454	637
10 feet	0	0	0	0	0	0	6	14	5	0	4	29	26	2	4	75	345	1,239	1,691
11 feet	0	0	0	0	0	0	54	116	32	9	1	212	17	95	241	853	3,482	7,371	12,059
12 feet	0	0	0	0	0	0	1	0	0	0	0	1	0	6	25	79	195	446	751
Greater than 12 feet	0	0	0	0	0	0	61	138	37	9	5	250	43	106	276	1,061	4,172	9,545	15,203
Subtotal	0	0	1	1	0	2	291	818	430	150	11	1,700	0	27	78	586	1,331	1,964	3,986
Partial access control: 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9 feet	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	2
10 feet	0	0	0	0	0	0	0	7	9	2	0	18	0	0	0	23	39	62	62
11 feet	0	0	0	0	0	0	16	37	9	16	0	78	0	0	3	11	100	229	343
12 feet	3	7	2	0	0	12	269	764	401	132	11	1,577	0	24	72	546	1,163	1,641	3,446
Greater than 12 feet	0	5	0	0	0	5	4	10	11	0	0	25	0	3	3	29	45	52	132
Subtotal	3	12	2	0	0	17	291	818	430	150	11	1,700	0	27	78	586	1,331	1,964	3,986
Full access control: 2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Less than 9 feet	0	1	1	0	0	2	1	3	1	0	0	5	0	0	0	0	0	0	0
9 feet	0	2	0	1	0	3	0	7	0	0	0	7	0	0	0	0	0	0	0
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 feet	0	1	16	24	42	83	7	32	49	27	38	153	0	0	0	3	3	15	21
12 feet	830	3,253	2,962	2,770	2,723	12,538	520	1,448	1,687	646	759	5,060	0	15	10	65	125	296	511
Greater than 12 feet	41	89	45	19	6	200	2	43	7	0	0	52	0	0	0	2	5	7	14
Subtotal	871	3,346	3,025	2,814	2,771	12,827	530	1,533	1,744	673	797	5,277	0	15	10	70	133	318	546
Total Divided	874	3,358	3,028	2,815	2,771	12,846	882	2,489	2,211	832	813	7,227	43	148	364	1,717	5,636	11,827	19,735
Total	894	3,367	3,028	2,816	2,773	12,878	1,974	2,976	2,256	836	815	8,857	340	1,477	2,588	9,843	19,706	18,881	52,835

## VOLUME - SERVICE FLOW RATIO - RURAL - 1993<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-61  
 SHEET 1 OF 4  
 NOVEMBER 1994

STATE	VOLUME-SERVICE FLOW RATIO (V/SF)													
	INTERSTATE							OTHER PRINCIPAL ARTERIAL						
	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL
Alabama	0	293	262	35	3	9	602	1,028	890	145	16	0	3	2,082
Alaska	696	273	33	11	9	11	1,033	242	80	5	0	0	0	327
Arizona	626	312	47	0	2	0	987	505	495	184	9	0	0	1,193
Arkansas	7	322	59	22	1	1	412	1,116	858	184	7	0	2	2,167
California	243	249	474	102	223	65	1,356	632	1,484	1,169	181	101	228	3,795
Colorado	154	381	79	19	65	70	768	823	833	442	29	48	24	2,199
Connecticut	0	13	47	5	20	16	101	16	71	104	11	9	52	263
Delaware	0	0	0	0	0	0	0	0	88	87	4	24	7	210
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	72	441	408	47	51	0	1,019	2,027	1,431	189	3	3	0	3,653
Georgia	197	337	240	10	15	10	809	2,097	453	192	5	11	0	2,758
Hawaii <sup>2</sup>	0	0	0	0	0	0	0	0	1	7	1	1	0	10
Idaho	235	245	44	5	3	0	532	747	672	213	27	8	16	1,683
Illinois	204	829	357	0	24	7	1,421	2,180	536	25	6	0	6	2,753
Indiana	267	485	71	2	0	0	825	684	828	203	0	1	1	1,717
Iowa	109	263	178	5	80	1	636	2,047	1,217	140	0	0	0	3,404
Kansas	131	501	66	0	0	0	698	2,439	690	33	0	0	0	3,162
Kentucky	0	130	117	74	129	90	540	725	764	305	57	25	52	1,928
Louisiana	86	218	280	23	1	0	608	410	582	221	0	2	0	1,215
Maine	133	102	43	4	14	16	312	209	312	117	15	4	0	657
Maryland	0	25	60	49	44	49	227	47	235	192	33	31	10	548
Massachusetts	0	35	80	8	22	17	162	72	91	124	20	13	4	324
Michigan	39	128	380	60	78	56	741	733	1,222	547	74	92	79	2,747
Minnesota	127	236	160	62	17	79	681	1,159	1,519	648	65	93	85	3,569
Mississippi	24	368	118	10	24	14	558	963	697	88	0	0	0	1,748
Missouri	53	376	368	0	15	0	812	1,639	1,239	126	44	8	0	3,056
Montana	821	316	0	0	0	0	1,137	2,018	516	88	0	0	0	2,622
Nebraska	104	275	55	0	3	0	437	2,269	452	23	0	0	0	2,744
Nevada	352	93	7	0	26	2	480	1,269	114	10	1	0	0	1,394
New Hampshire	54	59	47	7	0	9	176	76	193	150	36	4	0	459
New Jersey	0	6	42	20	22	23	113	55	111	146	43	77	85	517
New Mexico	403	431	72	1	0	0	907	1,446	257	92	4	0	0	1,799
New York	19	235	378	20	82	63	797	519	969	351	15	60	46	1,960
North Carolina	25	155	278	115	15	45	633	530	1,002	500	61	45	44	2,182
North Dakota	458	73	0	0	0	0	531	2,876	54	0	0	0	0	2,930
Ohio <sup>2</sup>	13	84	531	123	72	24	847	619	712	300	46	9	4	1,690
Oklahoma	107	470	94	23	0	21	715	1,815	414	41	0	0	0	2,270
Oregon	65	282	202	15	12	5	581	1,048	984	629	56	90	34	2,841
Pennsylvania	77	513	355	85	12	37	1,079	881	1,105	469	33	79	28	2,595
Rhode Island	0	0	6	9	6	0	21	30	18	12	1	0	1	62
South Carolina	0	79	285	105	164	35	668	193	600	509	35	81	29	1,447
South Dakota	518	105	8	0	0	0	631	2,089	322	20	6	13	15	2,465
Tennessee	15	95	579	12	38	1	740	418	981	257	41	13	7	1,717
Texas	598	635	539	67	51	313	2,203	3,596	2,089	605	30	25	8	6,353
Utah	362	339	66	0	0	2	769	410	329	157	22	29	61	1,008
Vermont	125	147	8	0	0	0	280	62	162	94	0	0	0	318
Virginia <sup>2</sup>	11	152	335	163	52	75	788	690	652	164	4	1	13	1,524
Washington	7	168	136	63	51	76	501	1,003	815	214	41	37	1	2,111
West Virginia <sup>2</sup>	3	165	183	33	22	50	456	150	516	216	56	28	10	976
Wisconsin	13	46	254	84	64	34	495	436	1,916	995	48	19	1	3,415
Wyoming	581	246	0	0	0	0	827	1,239	297	86	4	8	0	1,634
<b>Total</b>	<b>8,134</b>	<b>11,731</b>	<b>8,431</b>	<b>1,498</b>	<b>1,532</b>	<b>1,326</b>	<b>32,652</b>	<b>48,277</b>	<b>32,868</b>	<b>11,818</b>	<b>1,190</b>	<b>1,092</b>	<b>956</b>	<b>96,201</b>
Percent/System	24.9	35.9	25.8	4.6	4.7	4.1	100.0	50.2	34.2	12.3	1.2	1.1	1.0	100.0

## VOLUME - SERVICE FLOW RATIO - RURAL - 1993<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-61  
 SHEET 2 OF 4  
 NOVEMBER 1994

STATE	VOLUME SERVICE FLOW RATIO (V/SF)													
	MINOR ARTERIAL							MAJOR COLLECTOR						
	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL
Alabama	3,143	484	56	0	0	1	3,684	11,509	207	40	0	0	0	11,756
Alaska	907	7	13	0	0	0	927	1,217	48	2	0	0	0	1,267
Arizona	765	270	188	19	1	0	1,243	3,996	486	59	0	0	0	4,541
Arkansas	2,753	163	47	5	0	16	2,984	12,421	109	19	0	0	0	12,549
California	3,790	1,818	841	108	233	72	6,862	9,737	1,817	1,103	46	183	158	13,044
Colorado	2,523	757	330	0	55	17	3,682	5,749	107	18	0	0	0	5,874
Connecticut	142	230	90	5	29	0	496	899	218	22	0	0	0	1,139
Delaware	28	54	17	6	0	0	105	449	63	33	0	2	3	550
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	1,698	525	170	0	0	0	2,393	4,067	405	37	62	0	0	4,571
Georgia	4,185	1,055	229	8	23	73	5,573	13,625	0	0	0	0	0	13,625
Hawaii <sup>2</sup>	105	130	83	20	12	7	357	331	59	29	0	0	0	419
Idaho	831	270	37	22	4	2	1,166	5,296	78	13	0	26	0	5,413
Illinois	3,629	1,184	3	0	0	0	4,816	13,313	610	48	0	0	0	13,971
Indiana	1,306	903	42	0	0	0	2,251	8,887	1,712	3	0	0	0	10,602
Iowa	3,619	331	8	0	0	0	3,958	14,137	163	8	0	0	0	14,308
Kansas	4,085	212	4	0	0	0	4,301	22,607	225	2	2	0	0	22,836
Kentucky	541	724	225	61	18	24	1,593	5,156	1,476	238	29	34	50	6,983
Louisiana	1,059	364	146	1	52	0	1,622	6,500	450	70	18	0	4	7,042
Maine	675	349	122	16	3	0	1,165	3,689	109	118	0	0	0	3,916
Maryland	253	343	332	16	8	1	953	1,329	351	90	47	0	25	1,842
Massachusetts	394	206	51	0	6	6	663	1,569	204	9	0	13	0	1,795
Michigan	2,003	1,121	687	26	39	19	3,895	15,770	1,203	124	4	9	6	17,116
Minnesota	5,182	668	168	88	12	72	6,190	15,617	230	120	0	0	0	15,967
Mississippi	3,223	620	80	1	0	0	3,924	11,446	584	53	12	14	0	12,109
Missouri	2,874	462	33	8	0	0	3,377	17,653	288	97	3	0	0	18,041
Montana	2,942	38	6	0	0	0	2,986	7,061	24	6	0	0	0	7,091
Nebraska	4,095	63	23	0	3	0	4,184	11,464	18	4	0	0	0	11,486
Nevada	653	0	27	14	0	27	721	1,900	64	0	0	6	0	1,970
New Hampshire	252	174	50	8	5	2	491	1,040	136	25	0	0	0	1,201
New Jersey	46	159	102	12	25	28	372	1,133	349	184	0	1	22	1,689
New Mexico	1,723	156	12	0	1	0	1,892	3,645	309	10	2	0	0	3,966
New York	2,442	1,262	510	0	5	0	4,219	5,351	613	74	0	2	2	6,042
North Carolina	1,146	1,180	470	61	34	77	2,968	6,833	1,475	207	83	13	20	8,631
North Dakota	2,517	0	0	0	0	0	2,517	11,087	0	0	0	0	0	11,087
Ohio <sup>2</sup>	1,118	1,604	386	0	149	47	3,304	9,887	1,359	484	36	25	5	11,796
Oklahoma	2,629	173	40	0	0	0	2,842	21,113	187	2	0	0	0	21,302
Oregon	1,750	356	94	18	0	0	2,218	8,989	338	8	0	0	0	9,335
Pennsylvania	3,079	1,589	337	46	16	4	5,071	7,343	558	98	0	11	27	8,037
Rhode Island	30	33	14	2	1	0	80	152	15	9	0	0	0	176
South Carolina	1,078	1,620	609	149	177	29	3,662	5,810	1,528	560	0	176	40	8,114
South Dakota	3,080	140	16	0	0	2	3,238	12,582	76	7	0	0	14	12,679
Tennessee	1,757	1,274	399	0	9	2	3,441	4,614	581	78	3	23	0	5,299
Texas	7,059	2,054	330	3	31	1	9,478	33,969	1,373	120	73	8	2	35,545
Utah	1,121	291	104	0	0	23	1,539	2,960	201	50	17	1	0	3,229
Vermont	395	261	68	4	4	2	734	1,781	197	9	0	0	0	1,987
Virginia <sup>2</sup>	1,146	1,654	556	110	28	48	3,542	7,974	1,693	490	0	2	55	10,214
Washington	1,613	271	40	26	19	0	1,969	7,642	635	83	0	0	0	8,360
West Virginia <sup>2</sup>	646	594	264	23	31	6	1,564	4,578	1,271	182	30	21	1	6,083
Wisconsin	2,750	1,871	402	14	5	0	5,042	13,279	282	23	0	0	0	13,584
Wyoming	1,503	160	7	0	0	4	1,674	2,451	42	3	0	0	0	2,496
Total	96,283	30,227	8,868	900	1,038	612	137,928	401,607	24,526	5,071	467	570	434	432,675
Percent/System	69.8	21.9	6.4	0.7	0.8	0.4	100.0	92.8	5.7	1.2	0.1	0.1	0.1	100.0

VOLUME - SERVICE FLOW RATIO - URBAN - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61  
SHEET 3 OF 4  
NOVEMBER 1994  
MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, INTERSTATE, OTHER FREEWAYS AND EXPRESSWAYS, and OTHER PRINCIPAL ARTERIAL. Rows include states like Alabama, Alaska, Arizona, etc., and summary rows for Total and Percent/System. Columns show volume counts for various flow ratio ranges.

### VOLUME - SERVICE FLOW RATIO - URBAN - 1993<sup>1</sup> MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61  
SHEET 4 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

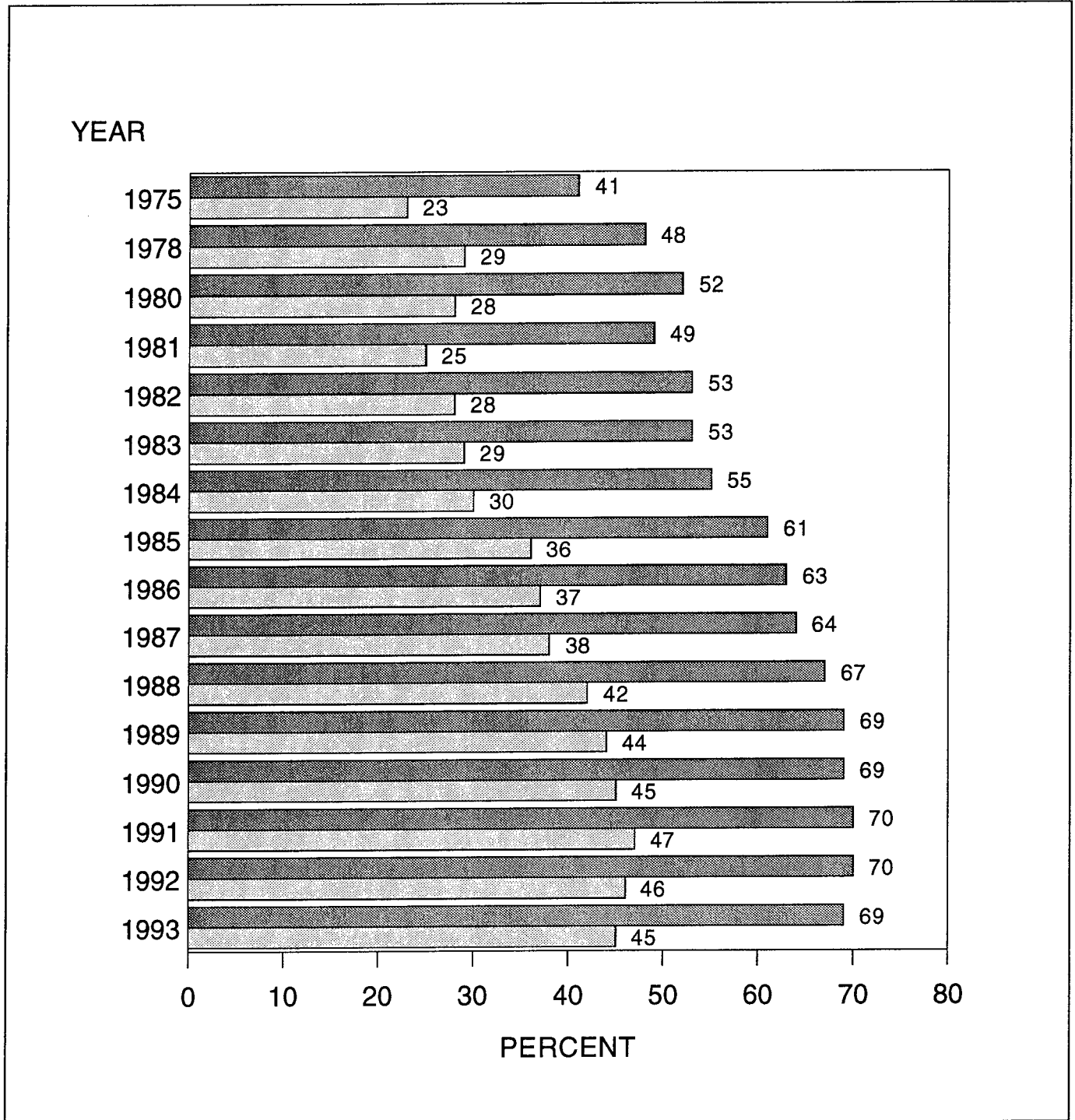
STATE	VOLUME SERVICE FLOW RATIO (V/SF)													
	MINOR ARTERIAL							COLLECTOR						
	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL
Alabama	916	655	312	39	23	28	1,973	1,472	344	240	17	39	30	2,142
Alaska	56	62	34	13	18	22	205	120	53	33	3	1	4	214
Arizona	558	268	337	28	16	23	1,230	1,302	442	241	22	2	59	2,068
Arkansas	427	274	156	44	21	61	983	612	185	69	15	1	23	905
California	2,050	2,814	2,998	582	988	541	9,973	4,522	3,161	1,589	293	387	161	10,113
Colorado	400	433	364	56	47	63	1,363	723	352	143	35	3	22	1,278
Connecticut	364	336	401	57	108	145	1,411	864	243	120	15	40	24	1,306
Delaware	13	35	59	12	21	19	159	50	85	60	11	5	6	217
Dist. of Columbia	0	20	68	14	29	47	178	35	28	35	6	7	46	157
Florida	441	859	793	101	139	75	2,408	3,028	1,385	619	64	41	41	5,178
Georgia	1,070	864	544	57	68	24	2,627	1,172	456	418	64	4	0	2,114
Hawaii <sup>2</sup>	8	31	72	12	12	13	148	57	69	67	9	17	20	239
Idaho	152	131	99	17	16	52	467	316	110	55	5	12	9	507
Illinois	666	757	1,079	185	335	717	3,739	1,398	715	616	268	222	336	3,555
Indiana	527	566	840	87	166	223	2,409	1,566	344	177	29	28	43	2,187
Iowa	912	332	94	3	1	2	1,344	829	82	6	4	0	1	922
Kansas	269	235	557	5	1	0	1,067	508	181	246	1	13	2	951
Kentucky	316	368	245	50	67	132	1,178	453	297	232	19	41	103	1,145
Louisiana	603	313	308	30	91	263	1,608	924	168	53	64	29	64	1,302
Maine	32	87	104	6	37	14	280	256	140	65	12	3	6	482
Maryland	207	332	381	78	92	103	1,193	706	174	212	36	137	35	1,300
Massachusetts	711	864	916	298	165	131	3,085	1,217	593	436	92	71	102	2,511
Michigan	542	708	1,030	185	278	658	3,401	1,383	641	400	48	48	79	2,599
Minnesota	439	452	584	131	129	161	1,896	917	401	214	12	45	34	1,623
Mississippi	199	239	166	17	21	27	669	644	252	64	4	0	8	972
Missouri	464	665	503	32	30	31	1,725	1,072	336	172	6	46	0	1,632
Montana	64	73	54	15	1	26	233	123	85	76	0	4	2	290
Nebraska	254	138	114	14	9	3	532	292	102	14	0	1	0	409
Nevada	117	166	85	5	4	16	393	284	90	82	2	9	6	473
New Hampshire	105	161	113	22	17	14	432	181	65	16	5	3	0	270
New Jersey	723	656	1,052	130	342	191	3,094	1,199	361	256	67	94	35	2,012
New Mexico	189	84	34	9	2	0	318	234	123	16	1	0	0	374
New York	1,649	1,630	891	254	183	116	4,723	3,308	283	338	36	47	30	4,042
North Carolina	750	666	406	105	106	321	2,354	1,116	225	152	24	59	107	1,683
North Dakota	124	79	50	0	6	2	261	139	53	16	3	2	2	215
Ohio <sup>2</sup>	400	812	812	176	190	404	2,794	1,217	1,217	928	295	58	440	4,155
Oklahoma	959	446	360	54	81	16	1,916	768	153	36	5	3	2	967
Oregon	399	329	253	5	34	18	1,038	880	255	75	23	12	28	1,273
Pennsylvania	515	826	958	309	307	371	3,286	1,690	960	679	62	205	63	3,659
Rhode Island	64	98	132	17	25	32	368	335	124	56	14	5	3	537
South Carolina	230	282	275	61	85	69	1,002	1,040	234	97	26	38	42	1,477
South Dakota	152	54	18	7	3	5	239	141	39	10	0	3	1	194
Tennessee	575	741	509	112	51	94	2,082	863	330	296	24	23	86	1,622
Texas	3,114	1,243	1,054	267	345	994	7,017	4,917	1,125	810	132	200	419	7,603
Utah	107	102	173	15	42	75	514	274	122	68	1	4	9	478
Vermont	25	54	44	5	6	17	151	96	55	47	2	9	2	211
Virginia <sup>2</sup>	646	435	317	66	60	111	1,635	984	211	109	56	0	35	1,395
Washington	1,218	536	262	35	10	67	2,128	1,842	160	22	0	5	8	2,037
West Virginia <sup>2</sup>	149	128	106	3	21	12	419	335	71	22	1	2	5	436
Wisconsin	648	556	492	96	84	147	2,023	1,120	229	100	3	15	12	1,479
Wyoming	121	27	3	0	0	0	151	440	27	1	0	0	0	468
<b>Total</b>	<b>25,639</b>	<b>23,022</b>	<b>21,611</b>	<b>3,921</b>	<b>4,933</b>	<b>6,696</b>	<b>85,822</b>	<b>49,964</b>	<b>17,936</b>	<b>10,904</b>	<b>1,936</b>	<b>2,043</b>	<b>2,595</b>	<b>85,378</b>
<b>Percent/System</b>	<b>29.9</b>	<b>26.8</b>	<b>25.2</b>	<b>4.6</b>	<b>5.7</b>	<b>7.8</b>	<b>100.0</b>	<b>58.5</b>	<b>21.0</b>	<b>12.8</b>	<b>2.3</b>	<b>2.4</b>	<b>3.0</b>	<b>100.0</b>

<sup>1</sup> As expanded from the Highway Performance Monitoring System (HPMS) standard sample data.

<sup>2</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.

# URBAN INTERSTATE CONGESTION TRENDS

## PERCENT OF MILEAGE AND PEAK HOUR TRAVEL WITH V/SF > OR = 0.80



Peak Hour Travel
  Mileage

Note: Additional Volume/Service Flow (V/SF) data are contained in Table HM-61.



PAVEMENT CONDITION - RURAL - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63  
SHEET 1 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	UNITS PSR (P) OR IRI (I)	INTERSTATE				OTHER PRINCIPAL ARTERIAL				TOTAL REPORTED				
		<= 2.5 >170 POOR	2.6-3.0 120-170 MEDIocre	3.1-3.4 95-119 FAIR	3.5-3.9 60-94 GOOD	<= 2.0 >220 POOR	2.1-2.5 171-220 MEDIocre	2.6-3.4 95-170 FAIR	3.5-3.9 60-94 GOOD		> 3.9 < 60 VERY GOOD			
												NOT REPORTED <sup>2</sup>	UNITS PSR (P) OR IRI (I)	NOT REPORTED <sup>2</sup>
Alabama	P	0	26	22	247	307	602	0	6	4	325	839	908	2,082
Alaska	I	0	352	162	288	0	1,033	0	17	133	125	48	0	323
Arizona	I	15	92	161	606	113	987	0	99	272	353	438	31	1,193
Arkansas	I	4	131	184	36	57	408	0	1,779	0	167	132	79	388
California	P	338	54	136	296	509	1,018	0	1,966	0	464	598	736	1,829
Colorado	I	0	142	222	163	13	768	0	0	273	684	413	1	2,199
Connecticut	P	0	3	5	7	31	101	0	0	1	15	8	48	263
Delaware	I	0	0	0	0	0	0	0	0	43	62	44	0	210
Dist. of Columbia	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	I	0	17	126	797	12	1,019	0	0	38	159	3,096	6	3,653
Georgia	P	6	0	11	21	771	803	0	0	11	231	592	1,924	2,758
Hawaii <sup>3</sup>	I	0	0	0	0	0	0	0	1	2	0	0	0	9
Idaho	I	0	44	210	105	532	0	0	650	837	158	38	0	1,683
Illinois	P	0	117	112	205	608	1,421	0	135	374	868	357	1,019	2,753
Indiana	I	0	12	79	343	280	825	0	25	93	89	256	271	734
Iowa	P	0	19	13	360	127	636	0	31	187	1,991	1,077	118	3,404
Kansas	I	0	207	162	224	71	698	0	116	621	655	1,444	326	3,162
Kentucky	I	4	181	67	288	0	540	0	72	534	568	727	27	1,928
Louisiana	I	54	51	72	113	90	554	0	217	169	617	119	93	1,215
Maine	I	1	11	16	47	0	75	0	540	18	35	33	2	117
Maryland	I	0	35	84	85	1	227	0	38	117	208	185	0	548
Massachusetts	I	0	1	100	54	0	162	0	174	1	62	30	46	150
Michigan	P	0	165	161	86	43	286	0	13	133	827	788	142	2,734
Minnesota	I	0	222	315	71	73	681	0	0	1,357	1,281	563	0	3,569
Mississippi	I	0	276	39	0	558	0	0	68	847	702	128	2	1,680
Missouri	P	324	29	69	149	240	488	0	1,392	1	24	399	518	722
Montana	I	3	96	361	359	11	1,134	0	54	176	1,185	899	304	2,568
Nebraska	I	0	71	162	127	1	437	0	0	294	999	633	796	2,744
Nevada	P	292	8	24	56	100	188	0	935	0	12	173	137	459
New Hampshire	I	0	1	8	1	16	176	0	5	58	125	169	11	454
New Jersey	I	34	0	14	52	13	79	0	297	1	80	42	45	220
New Mexico	I	49	210	206	409	33	907	0	12	256	282	645	244	1,787
New York	I	2	95	169	464	39	795	0	55	315	371	401	51	1,905
North Carolina	P	25	71	69	77	292	608	0	48	193	411	502	260	2,134
North Dakota	I	0	156	225	131	0	531	0	7	533	1,310	544	30	2,923
Ohio <sup>3</sup>	I	517	22	25	142	128	330	0	1,051	15	119	113	75	639
Oklahoma	I	0	79	170	363	85	715	0	0	936	798	270	241	2,270
Oregon	I	0	28	139	380	34	1,079	0	0	235	829	619	380	2,841
Pennsylvania	I	0	137	281	338	8	1,079	0	0	455	899	608	55	2,595
Rhode Island	I	14	0	3	2	7	0	0	0	2	1	3	54	62
South Carolina	I	5	15	101	305	78	663	0	43	26	306	295	763	1,404
South Dakota	I	0	48	144	104	0	631	0	0	180	799	881	189	2,465
Tennessee	I	0	14	150	475	29	740	0	0	123	148	371	296	1,717
Texas	I	0	1,184	319	649	51	2,203	0	0	28	801	1,120	153	6,353
Utah	I	0	39	144	352	234	769	0	11	7	198	526	195	997
Vermont	I	0	1	31	170	70	280	0	0	32	88	91	96	318
Virginia <sup>3</sup>	I	445	4	83	160	3	343	0	1,024	17	52	97	219	500
Washington	I	0	20	199	206	0	501	0	0	182	1,160	632	136	2,111
West Virginia <sup>3</sup>	I	0	13	84	124	11	456	0	699	4	33	124	61	277
Wisconsin	I	0	15	130	148	29	495	0	0	241	903	798	1,203	3,415
Wyoming	I	53	58	97	52	0	774	0	73	253	918	314	76	1,561
Total <sup>4</sup>	-	2,353	2,269	7,240	5,686	10,255	30,299	0	11,234	8,682	23,909	19,526	21,236	84,957
Percent/System <sup>4</sup>	-	7.5	23.9	18.8	33.8	16.0	100.0	0	10.2	28.1	23.0	25.0	13.7	100.0

PAVEMENT CONDITION - RURAL - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-63  
SHEET 2 OF 4  
NOVEMBER 1994

STATE	UNITS PSR (P) OR IRI (I)	NOT REPORTED <sup>2</sup>	MINOR ARTERIAL							TOTAL REPORTED	UNITS PSR (P) OR IRI (I)	MAJOR COLLECTOR							TOTAL		
			<= 2.0 >220	2.1-2.5 171-220	MEDIocre	2.6-3.4 95-170	FAIR	GOOD	3.5-3.9 60-94			> 3.9 < 60	<= 2.0 >220	2.1-2.5 171-220	MEDIocre	2.6-3.4 95-170	FAIR	GOOD		3.5-3.9 60-94	> 3.9 < 60
Alabama	I	0	8	600	1,067	735	1,274	3,684	P	1,335	1,212	3,706	2,264	3,040	199	11,756					
Alaska	I	639	122	105	48	13	0	288	P	120	36	625	99	4	383	1,267					
Arizona	I	0	198	265	410	335	35	1,243	P	297	389	1,502	1,051	928	404	4,541					
Arkansas	P	0	3	233	1,521	549	678	2,984	P	426	1,407	6,125	2,263	1,510	818	12,549					
California	P	0	22	119	2,854	2,172	1,695	6,862	P	1,495	1,256	5,401	2,919	1,516	457	13,044					
Colorado	I	0	26	2,043	1,015	524	74	3,682	P	263	660	1,718	1,772	719	752	5,874					
Connecticut	P	0	13	48	56	64	315	496	P	62	131	164	113	669	0	1,139					
Delaware	I	0	14	26	22	43	0	105	P	30	144	175	53	148	0	550					
Dist. of Columbia	I	0	0	0	0	0	0	0	P	0	0	0	0	0	0	0					
Florida	I	0	229	1,170	443	525	26	2,393	P	18	905	2,085	834	729	0	4,571					
Georgia	P	0	0	0	465	1,654	3,454	5,573	P	0	0	1,459	3,816	7,743	607	13,625					
Hawaii <sup>3</sup>	P	0	19	27	189	100	22	357	P	68	70	161	93	27	0	419					
Idaho	I	0	505	569	77	15	0	1,166	P	516	737	2,411	73	104	1,572	5,413					
Illinois	P	0	268	791	1,974	510	1,273	4,816	P	571	1,647	3,618	2,821	4,784	530	13,971					
Indiana	I	0	286	240	315	763	647	2,251	P	568	1,395	3,436	2,340	2,845	18	10,602					
Iowa	P	0	141	180	2,553	976	8	3,958	P	152	299	12,426	145	0	1,286	14,308					
Kansas	I	0	435	1,091	550	2,225	0	4,301	P	2,422	3,819	1,480	2,410	1,063	11,642	22,836					
Kentucky	I	0	36	813	578	159	7	1,893	P	515	133	2,710	3,625	0	0	6,983					
Louisiana	I	0	252	628	165	297	280	1,622	P	1,419	1,005	1,976	1,226	1,416	0	7,042					
Maine	P	0	80	80	416	110	479	1,165	P	506	545	1,104	584	1,177	0	3,916					
Maryland	I	0	64	234	487	168	0	953	P	65	96	463	338	880	0	1,842					
Massachusetts	P	0	0	130	199	245	89	663	P	176	261	767	235	310	46	1,795					
Michigan	P	0	450	1,009	816	232	1,388	3,895	P	2,681	2,502	4,721	1,109	4,416	1,687	17,116					
Minnesota	I	0	1,902	2,100	1,200	988	0	6,190	P	284	3,272	8,956	1,972	0	1,483	15,967					
Mississippi	I	0	2,068	1,619	169	40	28	3,924	P	2,432	953	2,143	2,859	3,087	635	12,109					
Missouri	P	0	0	28	1,029	534	1,786	3,377	P	804	5,259	5,708	1,785	4,485	0	18,041					
Montana	P	34	283	334	904	742	689	2,952	P	713	579	1,264	855	977	2,703	7,091					
Nebraska	I	0	782	1,259	937	1,150	56	4,184	P	931	1,166	2,060	657	1,614	5,058	11,486					
Nevada	P	0	0	0	210	246	259	721	P	73	586	709	82	466	54	1,970					
New Hampshire	I	0	15	65	95	282	34	491	P	336	500	321	44	0	0	1,201					
New Jersey	I	0	21	56	140	73	82	372	P	180	357	434	212	506	0	1,689					
New Mexico	I	0	468	471	325	590	38	1,892	P	869	1,406	978	441	137	135	3,966					
New York	P	0	0	782	1,311	849	1,277	4,219	P	36	986	1,257	865	2,898	0	6,042					
North Carolina	P	3	909	284	650	220	902	2,965	P	1,834	1,046	1,993	869	2,889	0	8,631					
North Dakota	I	0	401	719	671	653	73	2,517	P	82	1,012	3,189	1,352	973	4,479	11,087					
Ohio <sup>3</sup>	I	0	39	480	589	1,825	371	3,304	P	135	1,524	4,225	4,465	1,447	0	11,796					
Oklahoma	I	0	1,457	644	517	209	15	2,842	P	524	1,625	11,734	4,465	606	5,343	21,302					
Oregon	P	56	314	19	1,127	488	214	2,162	P	998	1,087	2,802	2,525	1,196	727	9,335					
Pennsylvania	I	0	919	1,921	1,351	855	25	5,071	P	338	691	3,688	3,320	0	0	8,037					
Rhode Island	P	0	17	13	26	7	17	80	P	69	22	39	13	33	0	176					
South Carolina	I	0	14	80	1,129	2,343	96	3,662	P	207	612	2,760	2,523	2,012	0	8,114					
South Dakota	I	0	763	1,429	412	584	50	3,238	P	213	2,122	727	4,319	285	5,013	12,679					
Tennessee	P	0	172	299	367	1,023	1,580	3,441	P	669	830	826	781	2,193	0	5,299					
Texas	I	0	188	2,985	3,448	2,815	42	9,478	P	914	5,300	21,460	5,738	2,133	0	35,545					
Utah	I	0	227	497	718	96	92	1,604	P	110	434	1,604	259	379	443	3,229					
Vermont	I	0	55	322	130	63	164	734	P	407	563	752	110	98	67	1,987					
Virginia <sup>3</sup>	I	0	301	1,692	975	574	0	3,542	P	1,191	741	2,786	1,337	4,159	0	10,214					
Washington	I	0	527	1,099	245	98	0	1,969	P	40	925	2,242	2,397	2,444	312	8,360					
West Virginia <sup>3</sup>	I	0	165	297	384	612	106	1,564	P	298	642	2,454	941	1,748	0	6,083					
Wisconsin	I	0	997	1,333	297	1,106	372	5,042	P	1,868	1,774	8,251	1,691	0	0	13,584					
Wyoming	I	0	497	882	290	5	0	1,674	P	57	109	1,155	810	231	134	2,496					
Total <sup>4</sup>	-	732	16,446	31,846	36,554	32,234	20,116	137,196	-	30,307	54,732	154,750	74,875	71,024	46,987	432,675					
Percent/System <sup>4</sup>	-	-	12.0	23.2	26.6	23.5	14.7	100.0	-	7.0	12.6	35.8	17.3	16.4	10.9	100.0					



PAVEMENT CONDITION - URBAN - 1993<sup>1</sup>  
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63  
SHEET 4 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	UNITS PSR (P)		MINOR ARTERIAL					COLLECTOR					UNPAVED	TOTAL		
	<= 2.0 POOR	2.1-2.5 MEDIocre	2.6-3.4 FAIR	3.5-3.9 GOOD	> 3.9 VERY GOOD	UNPAVED	TOTAL	<= 2.0 POOR	2.1-2.5 MEDIocre	2.6-3.4 FAIR	3.5-3.9 GOOD	> 3.9 VERY GOOD			UNPAVED	TOTAL
Alabama	20	136	596	557	664	0	1,973	101	136	795	545	564	1	2,142		
Alaska	11	19	130	26	19	0	205	36	19	84	15	3	57	214		
Arizona	10	57	299	478	386	0	1,230	112	82	187	997	663	27	2,068		
Arkansas	19	80	397	239	242	6	983	20	86	332	190	264	13	905		
California	1,523	1,818	3,922	1,101	1,101	33	9,973	1,713	2,339	3,594	1,397	1,001	69	10,113		
Colorado	89	265	298	259	440	12	1,363	77	277	295	138	455	36	1,278		
Connecticut	31	152	321	225	682	0	1,411	94	125	269	244	584	0	1,308		
Delaware	7	50	48	29	25	0	159	5	5	58	16	54	0	217		
Dist of Columbia	17	51	81	14	15	0	178	33	26	71	13	14	0	157		
Florida	101	239	822	714	532	0	2,408	499	759	2,338	1,067	515	0	5,178		
Georgia	20	62	846	925	772	2	2,627	18	84	700	775	497	33	2,114		
Hawaii <sup>3</sup>	15	55	34	25	25	0	148	15	47	98	43	33	0	239		
Idaho	14	17	424	9	467	2	1,067	0	0	493	0	0	14	507		
Illinois	253	615	1,483	448	903	37	3,739	675	517	1,083	317	945	18	3,556		
Indiana	200	311	716	691	481	10	2,409	297	345	567	506	431	41	2,187		
Iowa	6	16	935	374	0	13	1,344	0	36	780	51	0	55	922		
Kansas	272	339	103	98	0	16	1,067	277	282	43	239	42	68	951		
Kentucky	126	129	509	405	9	0	1,178	118	165	435	436	0	1	1,145		
Louisiana	308	235	441	171	453	0	1,608	437	85	436	77	267	0	1,302		
Maine	21	28	96	32	103	0	280	45	61	152	35	188	1	482		
Maryland	77	76	309	265	466	0	1,193	59	67	340	260	514	0	1,300		
Massachusetts	147	810	1,458	606	64	0	3,085	124	767	1,289	320	71	0	2,511		
Michigan	278	401	928	263	1,373	56	3,401	318	330	650	222	1,046	33	2,599		
Minnesota	392	477	753	213	54	7	1,896	631	399	434	107	37	15	1,623		
Mississippi	36	57	184	190	201	1	649	68	101	259	216	972	37	1,623		
Missouri	326	367	462	198	370	2	1,728	259	410	560	178	159	66	1,632		
Montana	50	71	73	15	23	1	233	36	49	156	28	16	5	290		
Nebraska	41	95	150	50	184	12	532	32	111	142	34	83	7	409		
Nevada	26	72	176	57	62	0	393	83	232	128	19	0	2	473		
New Hampshire	62	142	177	35	16	0	432	75	92	81	13	5	4	270		
New Jersey	262	466	1,153	263	950	0	3,094	251	645	390	116	610	0	2,012		
New Mexico	28	214	48	0	24	4	318	38	303	25	0	0	7	374		
New York	15	290	1,508	658	2,252	0	4,723	4	785	1,040	1,316	897	0	4,042		
North Carolina	395	352	669	372	566	0	2,354	210	196	553	271	447	6	1,683		
North Dakota	15	43	133	0	261	20	261	22	30	116	0	30	17	215		
Ohio <sup>3</sup>	141	417	1,416	563	255	2	2,794	251	578	2,436	681	205	4	4,155		
Oklahoma	0	7	1,612	64	178	55	1,916	0	0	888	0	0	79	967		
Oregon	133	95	409	215	182	4	1,038	182	115	464	300	207	5	1,273		
Pennsylvania	223	465	1,507	969	122	0	3,286	128	147	2,686	652	44	2	3,659		
Rhode Island	62	27	169	40	70	0	368	145	81	198	59	54	0	537		
South Carolina	8	49	371	275	299	0	1,002	46	103	711	278	339	0	1,477		
South Dakota	8	57	167	2	549	5	239	1	31	0	0	3	23	194		
Tennessee	154	296	661	422	456	1	2,082	130	232	677	221	362	0	1,622		
Texas	710	1,511	3,002	1,337	456	0	7,017	997	2,154	2,871	1,072	487	22	7,603		
Utah	26	81	258	67	81	1	514	0	27	248	50	151	2	478		
Vermont	41	11	90	6	151	2	151	94	35	67	4	0	11	211		
Virginia <sup>3</sup>	66	114	547	363	545	0	1,635	68	155	369	308	495	0	1,395		
Washington	28	206	984	393	514	3	2,128	74	222	966	387	395	3	2,037		
West Virginia <sup>3</sup>	38	56	130	66	128	1	419	85	107	154	36	54	0	436		
Wisconsin	93	237	1,204	487	2	0	2,023	198	206	847	222	0	6	1,479		
Wyoming	0	4	88	41	13	5	151	13	74	273	50	18	40	468		
Total	6,944	12,204	33,153	16,207	17,001	313	85,822	9,204	14,339	32,798	14,658	13,549	830	85,378		
Percent/System	8.1	14.2	38.6	18.9	19.8	0.4	100.0	10.8	16.8	38.4	17.2	15.9	1.0	100.0		

<sup>1</sup> As summarized from the Highway Performance Monitoring System (HPMS) universe data for the Principal Arterials and as expanded from the HPMS standard sample data for other systems. Pavement condition is stratified using the "Present Serviceability Rating" (PSR), a primarily subjective rating system, or the International Roughness Index (IRI), an objective rating system. PSR is 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 reported by values between these limits. Data are reported as the IRI in inches per mile. Reference: World Bank Technical Paper Number 46, 1986.

<sup>2</sup> Some States did not report for all required mileage. Includes unpaved mileage in Alaska, 34 miles in Montana, 56 miles in Oregon, rural Other Principal Arterial - 68 miles in Mississippi, urban Other Principal Arterial - 2 miles in Georgia, 121 miles in Mississippi, 1 mile in North Dakota.

<sup>3</sup> 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.

<sup>4</sup> Totals only reflect those States reporting usable or partially usable data.

Lower IRI represents smoother riding roadways. See the "Roadway Extent, Characteristics and Performance" text at the front of the mileage tables.

## MEASURED PAVEMENT ROUGHNESS - RURAL - 1993 <sup>1</sup>

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

TABLE HM-64  
SHEET 1 OF 4  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) <sup>3</sup>									
	INTERSTATE									TOTAL REPORTED
	NOT REPORTED <sup>4</sup>	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	
Alabama	293	143	93	22	12	2	18	10	9	309
Alaska	0	0	288	162	289	63	142	55	34	1,033
Arizona	0	113	606	161	73	19	7	0	8	987
Arkansas	4	0	57	36	99	85	62	44	25	408
California	431	143	403	186	107	47	18	14	7	925
Colorado	0	13	163	228	171	51	78	64	0	768
Connecticut	3	0	39	20	20	4	7	8	0	98
Delaware	0	0	0	0	0	0	0	0	0	0
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0
Florida	0	12	797	67	97	29	0	8	9	1,019
Georgia	334	336	139	0	0	0	0	0	0	475
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Idaho	0	0	105	173	109	101	27	11	6	532
Illinois	277	2	313	285	314	197	22	11	0	1,144
Indiana	0	280	343	111	9	70	7	4	1	825
Iowa	46	43	196	196	100	49	6	0	0	590
Kansas	0	71	224	162	168	39	34	0	0	698
Kentucky	0	0	288	67	120	61	4	0	0	540
Louisiana	54	228	90	113	45	27	15	3	33	554
Maine	237	0	47	16	10	1	1	0	0	75
Maryland	0	1	85	84	30	5	3	14	5	227
Massachusetts	0	0	54	100	7	0	0	1	0	162
Michigan	22	99	280	164	99	53	14	7	3	719
Minnesota	0	0	73	71	101	214	108	87	27	681
Mississippi	0	0	0	39	73	203	119	103	21	558
Missouri	325	10	196	129	86	27	15	6	18	487
Montana	3	11	359	307	209	152	68	28	0	1,134
Nebraska	0	1	76	127	140	22	37	23	11	437
Nevada	320	65	78	8	9	0	0	0	0	160
New Hampshire	0	16	150	1	6	2	1	0	0	176
New Jersey	34	0	13	52	13	1	0	0	0	79
New Mexico	0	33	409	206	135	75	33	13	3	907
New York	2	39	464	169	76	19	11	6	11	795
North Carolina	144	2	146	130	107	63	27	3	11	489
North Dakota	0	0	131	225	106	50	19	0	0	531
Ohio <sup>5</sup>	517	128	142	25	16	6	12	1	0	330
Oklahoma	0	85	363	170	42	37	14	3	1	715
Oregon	0	34	380	139	27	1	0	0	0	581
Pennsylvania	0	8	338	281	194	121	74	40	23	1,079
Rhode Island	14	0	2	3	2	0	0	0	0	7
South Carolina	5	78	305	164	63	38	15	0	0	663
South Dakota	0	0	104	144	224	111	32	16	0	631
Tennessee	0	29	475	150	49	23	8	6	0	740
Texas	0	51	649	319	1,167	17	0	0	0	2,203
Utah	0	234	352	144	36	3	0	0	0	769
Vermont	0	70	170	31	2	6	1	0	0	280
Virginia <sup>5</sup>	445	3	93	160	67	16	4	0	0	343
Washington	0	0	76	206	129	70	10	9	1	501
West Virginia <sup>5</sup>	0	11	124	84	129	95	9	1	3	456
Wisconsin	0	29	173	148	110	20	5	0	10	495
Wyoming	53	0	52	97	307	260	45	13	0	774
Total <sup>6</sup>	3,563	2,421	10,503	6,082	5,504	2,555	1,132	612	280	29,089
Percent/System Reported <sup>6</sup>	-	8.3	36.1	20.9	18.9	8.8	3.9	2.1	1.0	100.0



## MEASURED PAVEMENT ROUGHNESS - URBAN - 1993 <sup>1</sup>

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

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-64  
 SHEET 3 OF 4  
 NOVEMBER 1994

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) <sup>3</sup>									TOTAL REPORTED
	INTERSTATE									
	NOT REPORTED <sup>4</sup>	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	
Alabama	176	42	25	13	7	2	14	4	14	121
Alaska	0	2	15	14	16	4	2	1	0	54
Arizona	0	12	115	49	21	4	0	1	0	202
Arkansas	2	1	9	30	34	25	16	10	4	129
California	385	55	269	212	109	27	9	1	0	682
Colorado	0	2	43	63	62	10	6	0	0	186
Connecticut	0	0	57	68	45	21	20	24	7	242
Delaware	0	0	11	6	4	8	4	3	5	41
Dist. of Columbia	0	0	0	2	1	0	4	4	3	14
Florida	0	9	308	26	40	26	9	5	1	424
Georgia	266	137	31	0	0	0	0	0	0	168
Hawaii <sup>5</sup>	14	0	0	0	2	12	9	6	1	30
Idaho	0	0	5	31	22	18	1	2	0	79
Illinois	215	0	76	77	114	84	38	18	8	415
Indiana	0	119	33	53	61	15	27	3	2	313
Iowa	6	0	26	32	34	44	4	1	0	141
Kansas	0	24	66	57	23	3	0	0	0	173
Kentucky	0	2	55	27	58	55	18	4	2	221
Louisiana	23	54	50	29	51	25	20	4	7	240
Maine	16	1	23	3	11	0	0	0	0	38
Maryland	6	0	89	60	40	27	11	8	14	249
Massachusetts	0	9	130	191	45	18	5	2	3	403
Michigan	8	39	167	121	82	45	20	10	7	491
Minnesota	0	0	44	49	44	41	23	13	19	233
Mississippi	0	0	0	6	2	25	45	43	6	127
Missouri	135	3	54	58	55	25	3	7	26	231
Montana	7	0	12	24	5	4	1	0	0	46
Nebraska	0	0	2	7	8	7	7	6	7	44
Nevada	17	10	17	6	13	1	1	0	0	48
New Hampshire	0	3	12	8	3	9	4	1	8	48
New Jersey	153	0	29	87	27	4	0	0	0	147
New Mexico	0	2	12	29	20	11	8	6	3	91
New York	12	13	250	124	71	69	52	40	72	691
North Carolina	50	2	51	72	58	51	30	7	16	287
North Dakota	0	0	4	15	9	12	0	0	0	40
Ohio <sup>5</sup>	429	66	119	52	27	24	5	3	1	297
Oklahoma	0	16	84	30	27	27	12	16	2	214
Oregon	0	4	44	56	35	6	1	0	0	146
Pennsylvania	0	0	89	172	137	66	27	12	6	509
Rhode Island	43	0	3	3	0	0	0	0	0	6
South Carolina	9	16	55	26	15	9	7	4	1	133
South Dakota	0	0	5	3	10	14	9	6	0	47
Tennessee	0	17	146	66	45	26	10	8	4	322
Texas	0	3	237	211	487	61	28	3	1	1,031
Utah	0	27	57	62	12	10	0	0	0	168
Vermont	0	6	31	3	0	0	0	0	0	40
Virginia <sup>5</sup>	168	0	20	42	47	26	8	4	3	150
Washington	0	0	19	75	69	52	26	16	5	262
West Virginia <sup>5</sup>	0	0	21	22	15	24	9	3	0	94
Wisconsin	0	7	18	47	32	29	4	3	3	143
Wyoming	0	0	1	15	27	31	8	2	3	87
Total <sup>6</sup>	2,140	703	3,039	2,534	2,182	1,137	565	314	264	10,738
Percent/System Reported <sup>6</sup>	-	6.5	28.3	23.6	20.3	10.6	5.3	2.9	2.5	100.0







NUMBER OF HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1993<sup>1</sup>  
BY FUNCTIONAL SYSTEM

TABLE HM-65  
NOVEMBER 1994

STATE	RURAL										URBAN						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	578	988	1,409	3,194	2,572	4,395	13,136	565	14	594	287	177	659	2,296	15,432		
Alaska	134	59	40	276	59	100	713	22	9	55	16	10	27	139	852		
Arizona	1,467	794	956	716	202	464	4,599	183	113	391	243	163	352	1,445	6,044		
Arkansas	391	1,022	1,243	3,867	1,164	3,585	11,272	283	138	1,127	270	269	269	1,348	12,620		
California	1,309	1,295	1,699	2,112	1,179	3,767	11,381	2,153	2,446	2,083	2,022	883	1,527	11,114	22,495		
Colorado	665	496	476	1,099	1,022	2,001	5,759	322	204	414	229	134	256	1,569	7,318		
Connecticut	124	150	140	248	203	608	1,473	669	468	297	324	400	396	2,554	4,027		
Delaware	0	54	33	88	27	208	410	91	8	117	59	62	38	375	785		
Dist. of Columbia	0	0	0	0	0	0	0	70	30	91	22	12	12	237	237		
Florida	827	1,143	818	711	649	1,736	5,884	944	622	1,101	590	448	1,082	4,787	10,671		
Georgia	512	871	1,496	2,904	1,159	4,057	10,999	541	614	652	652	858	3,279	14,278	14,278		
Hawaii	8	14	183	152	48	179	584	99	103	89	31	33	120	475	1,059		
Idaho	357	282	240	687	274	1,426	3,266	78	3	96	103	62	94	436	3,702		
Illinois	1,004	1,143	1,4	3,774	770	12,499	20,612	1,051	111	977	858	595	656	4,248	24,860		
Indiana	1,038	467	862	2,615	1,154	7,331	14,467	878	252	529	506	468	630	3,263	17,730		
Iowa	399	1,066	1,095	3,498	4,077	13,121	23,256	256	0	369	392	183	407	1,607	24,863		
Kansas	579	1,321	1,373	6,242	2,263	11,983	23,761	427	212	403	211	164	427	1,736	25,497		
Kentucky	430	852	552	2,435	2,858	4,803	11,930	336	63	202	202	131	76	1,013	12,943		
Louisiana	835	555	5,619	2,735	1,405	751	11,900	627	67	500	368	22	243	1,827	13,727		
Maine	192	157	177	465	229	773	1,993	80	18	83	68	59	40	348	2,341		
Maryland	244	298	3	1,247	241	2,491	4,403	443	0	241	0	246	981	1,912	4,403		
Massachusetts	268	163	168	359	49	841	1,848	837	356	692	432	583	291	3,191	5,039		
Michigan	413	509	648	2,175	488	3,189	7,422	727	239	689	553	536	426	3,170	10,592		
Minnesota	287	626	849	2,053	1,406	5,772	10,993	418	172	259	499	314	337	2,009	13,002		
Mississippi	616	1,358	1,205	5,683	1,551	5,073	15,485	187	23	235	126	286	286	1,143	16,629		
Missouri	557	810	1,326	4,280	767	12,148	19,888	648	123	489	277	687	891	3,115	23,003		
Montana	734	416	656	696	388	1,543	4,433	77	53	16	25	16	1	172	4,605		
Nebraska	233	750	1,256	2,334	1,255	172	14,888	104	46	154	154	65	104	645	15,533		
Nevada	309	114	30	110	41	157	761	120	36	70	65	33	60	384	1,145		
New Hampshire	260	132	184	254	196	824	1,850	95	61	88	79	46	58	427	2,277		
New Jersey	202	312	121	459	256	802	2,187	763	514	778	778	565	580	4,002	6,189		
New Mexico	647	435	881	467	268	198	2,896	195	0	224	118	61	90	688	3,584		
New York	666	814	1,228	1,574	1,878	5,139	11,299	1,237	829	1,113	1,159	672	990	6,000	17,299		
North Carolina	469	819	426	2,315	2,001	7,504	13,534	403	312	711	530	170	898	3,024	16,558		
North Dakota	150	331	240	810	404	2,474	4,409	55	0	73	47	18	25	218	4,627		
Ohio	985	1,208	1,001	4,060	3,378	11,109	21,741	1,267	727	753	985	965	1,198	5,895	27,636		
Oklahoma	671	1,020	1,464	5,666	81	11,810	20,712	476	376	333	322	327	288	2,122	22,834		
Oregon	518	640	639	1,645	1,002	988	5,382	268	157	254	128	243	90	1,140	6,522		
Pennsylvania	1,124	1,036	2,287	2,410	2,630	7,590	17,077	990	625	1,521	978	672	1,186	5,972	23,049		
Rhode Island	14	16	20	30	19	46	145	125	32	117	133	69	48	584	894		
South Carolina	432	473	824	1,868	894	3,389	7,880	228	99	117	269	117	176	1,059	8,949		
South Dakota	389	368	563	1,191	177	3,428	6,116	64	3	77	40	30	44	258	6,374		
Tennessee	806	1,680	851	3,515	1,806	6,971	15,629	578	39	506	166	1,107	971	3,367	18,996		
Texas	3,298	4,357	2,761	8,600	3,372	10,889	33,277	2,895	2,244	2,644	2,049	792	3,338	13,782	47,059		
Utah	471	146	197	293	41	712	1,860	322	14	101	109	33	234	813	2,673		
Vermont	275	112	255	513	179	1,147	2,481	38	11	23	32	39	21	164	2,645		
Virginia	862	733	1,096	2,410	473	4,513	10,077	757	271	562	491	271	388	2,700	12,777		
Washington	554	502	554	1,228	815	1,817	5,273	528	22	605	250	183	213	1,801	7,074		
West Virginia	454	158	446	2,579	441	5,790	5,790	200	118	39	125	90	108	680	6,470		
Wisconsin	567	905	1,069	2,019	722	5,361	10,633	462	439	185	550	185	319	2,464	13,097		
Wyoming	827	222	286	353	106	819	2,613	91	0	43	51	37	34	256	2,869		
Total	28,944	33,160	44,444	99,301	49,696	202,921	458,466	25,223	13,200	23,142	18,894	14,059	22,735	117,253	575,719		
Percent - Total	5.1	5.8	7.8	17.3	8.7	34.9	79.6	4.3	2.3	4.0	3.3	2.5	4.0	20.4	100.0		

<sup>1</sup> There are possible errors in the functional system code based on review of other information included in the source data.

**RURAL LOCAL FUNCTIONAL SYSTEM MILEAGE - 1993  
BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME GROUP**

TABLE HM-67  
SHEET 1 OF 3  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	PAVED					UNPAVED					TOTAL	
	UNDER 50	50- 199	200- 499	500- 1,999	2000 & OVER	TOTAL	UNDER 50	50- 199	200- 499	500- 1,999		2000 & OVER
Alabama	1,175	7,918	10,855	2,373	1,175	23,496	7,139	16,658	992	0	0	24,789
Alaska	153	196	150	30	0	0	4,463	535	1,780	240	0	7,018
Arizona	2,483	2,620	1,857	1,245	124	8,329	17,253	2,785	614	0	0	20,794
Arkansas	1,448	2,955	1,234	555	57	6,249	28,618	9,355	453	7	0	44,737
California	6,093	12,430	4,874	730	244	24,371	24,363	3,788	396	0	0	53,709
Colorado	2,310	828	508	174	21	3,841	31,136	5,994	2,641	10	0	44,161
Connecticut	166	869	2,142	1,767	390	5,334	244	337	102	0	0	6,115
Delaware	104	667	827	782	53	2,433	89	55	35	0	0	2,639
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0
Florida	236	1,020	8,095	0	0	9,351	14,000	22,000	1,404	0	0	37,404
Georgia 1	0	9,000	12,190	2,000	20	23,210	12,000	15,000	4,285	0	0	54,495
Hawaii 1	21	160	240	750	34	1,205	4	30	45	146	0	1,430
Idaho	19	5,770	1,404	220	0	7,413	14,175	21,252	7	3	0	42,860
Illinois	3,000	21,500	8,500	3,700	16	36,716	18,885	18,766	677	0	0	75,129
Indiana	14,847	9,870	1,450	737	589	27,493	14,346	5,035	1,019	7	1	47,901
Iowa	505	1,025	3,151	588	51	5,320	44,238	14,692	702	38	1	64,901
Kansas	799	2,263	1,305	731	64	5,162	62,895	14,688	536	179	0	83,460
Kentucky	4,471	15,142	8,259	2,681	0	30,553	6,744	4,017	608	36	0	41,958
Louisiana	4,442	6,888	3,693	1,496	141	16,660	8,078	5,765	554	103	6	31,166
Maine	1,267	2,606	2,465	1,387	83	7,808	2,711	1,480	257	22	0	12,288
Maryland	225	2,286	2,855	3,215	510	9,091	50	225	730	138	0	10,234
Massachusetts	416	1,778	1,953	396	17	4,560	61	1,456	736	23	1	6,837
Michigan	1,709	7,718	4,201	1,934	295	15,857	20,780	19,663	2,020	340	18	58,668
Minnesota	442	2,540	2,312	929	66	6,389	36,951	29,623	4,012	559	1	76,935
Mississippi	0	0	95	28	15	138	54	228	41,353	2,343	37	44,153
Missouri	1,160	5,100	2,600	140	9	9,009	41,600	16,816	6,300	1,200	0	74,925
Montana	0	935	1,870	311	0	3,116	36,399	4,061	728	170	0	44,474
Nebraska	1,263	1,681	320	205	11	3,480	40,481	15,813	175	6	0	59,955
Nevada	239	536	2,275	51	0	3,101	30,854	205	0	0	0	34,160
New Hampshire	858	2,365	1,620	286	0	5,129	2,531	837	14	0	0	8,511
New Jersey	881	1,101	1,395	2,130	1,835	7,342	0	0	0	0	0	7,342
New Mexico	63	2,234	1,357	604	38	4,296	2,963	27,042	9,652	18	8	43,979
New York	12,891	7,863	4,931	6,823	235	32,743	8,076	4,926	3,090	0	0	48,835
North Carolina	100	23,221	14,434	6,630	756	45,141	3,993	3,011	112	40	3	52,300
North Dakota 1	82	851	534	79	0	1,546	55,433	3,383	0	0	0	60,362
Ohio 1	4,958	17,183	11,245	6,000	1,104	40,490	2,134	7,390	4,710	2,783	0	57,507
Oklahoma	0	8,064	3,291	1,747	6	13,108	405	53,705	1,684	554	0	69,456
Oregon	800	7,000	1,400	80	20	9,300	42,726	11,200	30	0	0	63,256
Pennsylvania	708	15,307	23,133	14,547	1,399	55,094	59	1,277	1,930	1,214	117	59,690
Rhode Island	0	40	241	563	0	844	0	0	0	0	0	844
South Carolina	992	13,616	3,922	1,993	215	20,738	806	14,287	92	21	0	35,944
South Dakota	655	895	1,350	550	105	25,348	49,800	2,117	107	23	4	55,823
Tennessee	8,057	15,286	1,350	550	0	28,700	16,872	4,000	200	62	2	46,484
Texas	4,585	24,005	93	17	0	28,700	80,312	33,800	22	4	0	142,838
Utah	1,434	1,100	545	365	11	3,455	17,025	2,835	372	188	0	20,420
Vermont	0	471	1,162	235	0	1,868	3,492	2,859	391	0	0	6,742
Virginia 1	1,116	12,504	6,586	2,000	401	22,607	4,320	6,798	276	380	0	34,381
Washington	2,376	3,281	2,209	429	450	8,745	25,904	7,111	823	172	133	34,143
West Virginia	1,271	3,198	2,173	963	82	7,687	8,405	3,669	656	82	0	20,499
Wisconsin	21,417	15,381	4,181	752	57	41,787	21,954	2,458	244	12	1	66,456
Wyoming	0	468	127	1,031	1	1,627	19,310	48	0	0	0	20,985
Total	112,237	301,835	177,999	77,141	10,713	679,926	865,269	463,892	97,971	12,418	350	2,119,826
Percent - Type	16.5	44.4	26.2	11.3	1.6	100.0	60.1	32.2	6.8	0.9	0.0	100.0
Percent - Total	5.3	14.2	8.4	3.6	0.5	32.1	40.8	21.9	4.6	0.6	0.0	67.9

**URBAN LOCAL FUNCTIONAL SYSTEM MILEAGE - 1993**  
**BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME GROUP**

TABLE HM-67  
 SHEET 2 OF 3  
 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	PAVED					UNPAVED					TOTAL	
	UNDER 200	200-499	500-1,999	2,000-3,999	4,000 & OVER	TOTAL	UNDER 200	200-499	500-1,999	2,000-3,999		4,000 & OVER
Alabama	2,262	3,824	5,821	926	397	13,230	321	246	190	0	0	757
Alaska	201	241	259	11	0	712	495	167	38	0	0	500
Arizona	3,258	3,670	2,957	989	99	10,973	295	129	84	12	0	720
Arkansas	2,105	1,216	808	100	36	4,265	345	218	42	19	0	625
California	10,310	22,500	12,500	3,750	940	50,000	1,541	730	80	30	0	2,381
Colorado	4,953	1,319	1,141	625	219	8,257	307	145	163	108	54	777
Connecticut	2,585	2,449	1,488	783	411	7,716	34	23	12	0	0	69
Delaware	13	17	994	249	10	1,283	2	0	7	14	0	23
Dist. of Columbia	0	65	584	7	0	656	0	0	0	0	0	0
Florida	0	27,894	6,700	4,000	0	38,594	0	0	0	0	0	0
Georgia	4,000	4,000	5,500	3,900	320	17,720	1,000	228	0	0	0	1,228
Hawaii	130	299	429	340	17	1,215	0	0	1	0	0	2
Idaho	2	1,045	929	9	0	1,985	92	63	0	0	0	155
Illinois	3,400	8,100	10,400	1,900	98	23,898	700	0	0	0	0	700
Indiana	5,981	1,780	1,570	1,261	1,100	11,692	957	22	0	0	0	24,598
Iowa	894	1,769	2,478	211	66	5,418	427	177	88	4	0	12,671
Kansas	1,783	1,780	1,679	383	267	5,892	588	131	26	0	0	6,114
Kentucky	1,800	2,024	1,948	1,041	0	6,813	69	0	0	0	0	745
Louisiana	8,736	68	129	64	50	9,047	626	18	14	2	2	69
Maine	580	485	361	50	10	1,486	85	11	2	0	0	662
Maryland	4,359	3,233	1,385	576	93	9,646	33	110	50	0	0	98
Massachusetts	704	1,523	8,767	273	45	11,312	104	113	349	8	2	193
Michigan	4,195	4,228	7,050	902	573	16,948	1,202	587	584	130	17	9,839
Minnesota	206	191	8,517	184	133	9,231	145	50	951	4	0	2,520
Mississippi	0	0	42	2	1	45	0	1	5,389	17	18	1,150
Missouri	1,800	2,300	3,120	2,960	730	10,910	161	0	0	0	0	5,425
Montana	260	296	706	61	30	1,363	238	40	0	0	0	161
Nebraska	724	1,211	1,258	57	0	3,250	308	34	49	0	0	278
Nevada	843	1,313	1,161	0	1	3,318	55	17	0	0	0	391
New Hampshire	521	1,010	277	43	0	1,851	43	11	0	0	0	72
New Jersey	1,066	1,149	4,598	5,254	5,087	17,154	0	0	0	0	0	54
New Mexico	674	549	2,160	37	46	3,466	250	316	521	0	0	1,905
New York	4,694	10,460	6,224	3,452	1,157	25,987	325	208	0	0	0	3,390
North Carolina	2,414	4,638	5,541	2,010	882	15,485	228	10	3	2	0	26,520
North Dakota	2	78	870	0	0	950	97	68	23	0	0	15,728
Ohio	1,210	2,176	9,642	5,000	1,801	19,829	109	200	718	502	0	1,138
Oklahoma	177	214	7,511	0	0	7,902	153	15	660	0	0	21,358
Oregon	1,700	2,400	1,550	320	40	6,010	838	0	0	0	0	828
Pennsylvania	1,597	3,242	10,312	3,638	3,527	22,316	6	13	41	15	0	838
Rhode Island	284	251	1,156	905	754	3,350	0	0	0	0	0	22,405
South Carolina	4,942	572	650	182	74	6,420	711	1	0	0	0	7,134
South Dakota	196	394	473	12	4	1,079	124	33	2	0	0	159
Tennessee	4,068	2,870	2,770	915	300	10,923	112	20	20	24	0	1,238
Texas	2,169	47,707	45	2	0	49,923	283	7,240	0	0	0	11,099
Utah	131	571	3,348	271	100	4,421	46	61	131	10	1	7,523
Vermont	0	170	341	218	0	729	56	20	0	0	0	4,670
Virginia	2,142	2,690	4,290	1,500	369	10,991	32	3	10	0	0	805
Washington	4,224	3,704	2,279	457	115	10,779	399	174	73	0	0	11,039
West Virginia	1,035	292	349	154	53	1,883	79	10	10	0	0	11,425
Wisconsin	4,310	4,109	1,473	139	62	10,093	217	167	23	1	1	1,974
Wyoming	1,083	14	78	0	0	1,175	297	0	0	0	0	408
<b>Total</b>	<b>104,723</b>	<b>188,100</b>	<b>156,618</b>	<b>50,123</b>	<b>20,017</b>	<b>519,581</b>	<b>14,535</b>	<b>11,830</b>	<b>10,346</b>	<b>907</b>	<b>110</b>	<b>37,727</b>
Percent - Type	20.2	36.2	30.1	9.6	3.9	100.0	38.5	31.4	27.4	2.4	0.3	100.0
Percent - Total	18.8	33.8	28.1	9.0	3.6	93.2	2.6	2.1	1.9	0.2	0.0	6.8

RURAL MINOR COLLECTOR FUNCTIONAL SYSTEM MILEAGE - 1993  
BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME GROUP

TABLE HM-67  
SHEET 3 OF 3  
NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	PAVED						UNPAVED						TOTAL
	UNDER 100	100- 199	200- 499	500- 1,999	2000 & OVER	TOTAL	UNDER 100	100- 199	200- 499	500- 1,999	2000 & OVER	TOTAL	
Alabama	296	1,480	2,782	888	474	5,920	144	335	20	0	0	499	6,419
Alaska	32	14	60	71	6	183	520	43	176	80	4	823	1,006
Arizona	506	2,988	2,988	238	268	1,489	385	132	166	193	0	876	2,365
Arkansas	415	589	1,010	488	33	2,534	2,584	1,137	453	39	0	4,214	6,748
California	348	1,067	2,493	3,647	898	8,453	313	451	147	10	0	921	9,374
Colorado	621	560	536	539	70	2,326	4,040	1,741	872	150	5	6,808	9,134
Connecticut	3	20	78	396	195	692	1	4	4	0	0	9	701
Delaware	1	3	37	99	29	169	1	0	0	0	0	1	170
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	64	3,177	1,998	0	0	5,239	0	0	0	0	0	0	5,239
Georgia 1	0	861	1,800	2,650	619	5,930	555	839	21	0	0	1,415	7,345
Hawaii 1	0	10	10	44	27	91	0	0	0	0	0	0	91
Idaho	303	602	521	187	9	1,622	1,048	951	122	12	0	2,153	3,775
Illinois	0	990	1,000	600	94	2,684	500	510	0	0	0	1,010	3,694
Indiana	2,041	2,050	1,119	1,700	960	7,870	1,250	550	118	23	5	1,946	9,816
Iowa	40	1,359	1,830	572	15	3,816	4,794	7,385	272	14	2	12,467	16,283
Kansas	283	163	195	110	13	764	7,525	784	121	20	5	8,455	9,219
Kentucky	347	1,227	3,941	3,533	443	9,491	0	0	0	0	0	0	9,491
Louisiana	109	451	1,172	1,963	383	4,078	7	10	44	37	4	102	4,180
Maine	9	50	376	988	156	1,579	3	5	1	1	1	10	1,589
Maryland	27	117	412	973	274	1,803	10	6	5	12	2	35	1,838
Massachusetts	14	8	452	580	29	1,083	0	1	39	23	0	63	1,146
Michigan	131	504	1,787	2,029	195	4,646	517	611	430	112	2	1,672	6,318
Minnesota	485	1,574	3,093	1,290	67	6,509	3,471	1,269	409	69	4	5,222	11,731
Mississippi	0	5	2	14	19	30	324	355	1,335	339	55	2,408	2,438
Missouri	1,001	2,378	1,793	235	19	5,426	0	0	0	0	0	0	5,426
Montana	65	342	157	187	17	1,271	6,072	1,487	248	0	0	7,807	9,078
Nebraska	445	223	157	61	3	889	6,785	996	168	4	0	7,953	8,842
Nevada	96	48	165	484	171	964	206	999	287	0	0	1,492	2,456
New Hampshire	60	81	245	730	94	1,210	21	0	0	0	0	21	1,231
New Jersey	51	176	227	310	271	1,035	0	0	0	0	0	0	1,035
New Mexico	676	306	574	379	156	2,091	290	32	5	0	0	327	2,418
New York	90	180	4,367	3,032	2,825	10,494	150	60	32	0	0	242	10,736
North Carolina	86	258	1,465	4,566	1,076	7,451	35	88	10	6	1	140	7,591
North Dakota 1	0	0	418	421	0	839	6,021	850	190	0	0	7,061	7,482
Ohio 1	0	1,429	1,000	2,980	1,094	6,503	475	133	0	0	0	608	7,111
Oklahoma	292	285	206	103	6	893	1,463	486	232	14	0	2,196	3,088
Oregon	2,581	557	700	600	25	4,463	2,372	500	372	70	0	3,314	7,777
Pennsylvania	94	480	2,587	4,062	638	7,862	1	5	29	45	7	87	7,950
Rhode Island	0	7	34	90	20	151	0	0	0	0	0	0	151
South Carolina	295	734	1,647	984	51	3,711	67	14	6	4	0	91	3,802
South Dakota	413	277	162	22	1	875	5,462	234	37	1	0	5,734	6,609
Tennessee	358	1,440	3,829	3,734	520	9,890	300	301	271	62	11	945	10,835
Texas	2,529	4,316	6,076	3,027	302	16,250	1,933	279	120	11	0	2,343	18,593
Utah	475	277	366	180	14	1,312	2,111	258	184	115	2	2,670	3,982
Vermont	0	36	435	68	0	539	94	59	221	0	0	374	913
Virginia 1	10	500	1,059	673	157	2,399	0	0	0	0	0	0	2,399
Washington	388	1,103	2,455	1,192	4	5,142	94	266	591	287	1	1,239	6,381
West Virginia	203	357	877	651	53	2,141	65	63	53	8	0	189	2,330
Wisconsin	1,161	1,422	2,093	1,108	65	5,849	508	21	17	0	0	546	6,395
Wyoming	440	1,000	100	56	21	1,617	4,797	1,164	62	0	0	6,023	7,640
Total	17,884	35,361	60,698	53,116	12,790	179,850	67,334	25,413	7,891	1,761	111	102,511	282,361
Percent - Type	9.9	19.7	33.7	29.5	7.1	100.0	68.7	24.8	7.7	1.7	0.1	100.0	-
Percent - Total	6.3	12.5	21.5	18.8	4.5	63.7	23.8	9.0	2.8	0.6	0.0	36.3	100.0

1 Data by surface type and volume group have been estimated by FHWA.



MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1993 1 BY URBANIZED AREA

TABLE HM-71 SHEET 2 OF 6 NOVEMBER 1994

MILEAGE AS OF DECEMBER 31, 1993 COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE LOCATION (PRI-MARY, OTHERS), FEDERAL-AID URBANIZED AREA 2, and DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS) categories: INTERSTATE, OTHER FREEWAYS AND EXPRESSWAYS, OTHER PRINCIPAL ARTERIAL, OTHER MINOR ARTERIAL, COLLECTOR, LOCAL, TOTAL, INTERSTATE, OTHER FREEWAYS AND EXPRESSWAYS, OTHER PRINCIPAL ARTERIAL, OTHER MINOR ARTERIAL, COLLECTOR, LOCAL, TOTAL. Includes rows for various urbanized areas like ALBANY-SCHENECTADY-ROY, TOLEDO 4, WILMINGTON 3, etc.

TOTAL - 132 AREAS >200,000 PERSONS

9,108 5,869 30,744 51,313 48,538 354,091 497,667 745,730 319,442 683,380 544,434 233,524 382,557 2,909,065











SELECTED CHARACTERISTICS - 1993 1 BY URBANIZED AREA

DATA AS OF DECEMBER 31, 1993 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-72 SHEET 1 OF 6 NOVEMBER 1994

Table with columns: STATE, LOCATION, FEDERAL-AID URBANIZED AREA 2, TOTAL ROADWAY MILEAGE, TOTAL DIVMT 3 (1,000), ESTIMATED POPULATION (1,000), NET LAND AREA (SQ. MILES), PERSONS PER SQUARE MILE, MILES OF ROADWAY PER 1,000 PERSONS, TOTAL DIVMT 3 PER CAPITA, TOTAL MILES OF FREEWAYS, TOTAL FREEWAY DIVMT 3 (1,000), ANNUAL AVERAGE DAILY TRAFFIC ON FREEWAYS, TOTAL ESTIMATED FREEWAY LANE MILEAGE 4, ANNUAL AVERAGE DAILY TRAFFIC PER FREEWAY LANE, AVERAGE DAILY TRAFFIC PER FREEWAY LANE.

TOTAL - 62 AREAS >500,000 PERSONS 397,613 2,439,823 118,288 42,937 2,754 3.3 20.6 11,788 927,710 661,148 38.0 78,699 14,024

MILEAGE AND DAILY VEHICLE-MILES OF TRAVEL - 1993 1 BY URBANIZED AREA

TABLE HM-72 SHEET 2 OF 6 NOVEMBER 1994

DATA AS OF DECEMBER 31, 1993 COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns: STATE LOCATION, FEDERAL-AID URBANIZED AREA 2, 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, TOTAL DVMT 3 PER CAPITA, TOTAL MILES OF FREEWAYS, TOTAL FREEWAY DVMT 3 (1,000), % OF TOTAL MILEAGE SERVING AS FREEWAYS, % OF TOTAL DVMT 3 SERVED BY FREEWAYS, ANNUAL AVERAGE DAILY TRAFFIC ON FREEWAYS, TOTAL ESTIMATED FREEWAY LANE MILEAGE, TOTAL DAILY TRAFFIC PER FREEWAY LANE. Rows list various urbanized areas like Albany-Schenectady-Troy, Toledo 6, Wilmington 5, etc.

TOTAL - 132 AREAS >200,000 PERSONS











STATE HIGHWAY AGENCY-ADMINISTERED ROADS AND HIGHWAYS - 1993 1  
MILEAGE BY FUNCTIONAL SYSTEM 2

MILEAGE AS OF DECEMBER 31, 1993  
COMPILED FROM REPORTS OF STATE AUTHORITIES  
TABLE HM-80  
NOVEMBER 1994

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
Alabama	602	2,082	3,642	2,611	51	2	8,990	297	21	918	617	27	0	1,880
Alaska	1,033	327	927	1,262	989	54	4,592	54	0	0	182	139	31	463
Arizona	987	1,146	1,859	363	363	0	5,458	202	63	277	141	1	0	684
Arkansas	412	2,167	2,983	9,011	234	210	15,017	131	94	545	352	35	60	1,217
California	1,356	3,652	5,518	815	94	11	11,446	1,067	1,289	1,222	184	19	3	3,764
Colorado	788	2,157	3,539	1,452	133	27	8,076	186	201	480	145	12	2	1,026
Connecticut	101	263	492	998	34	13	1,901	242	197	561	712	84	17	1,813
Delaware	0	209	105	548	169	2,402	3,433	41	9	136	157	210	999	1,452
Dist. of Columbia	0	0	0	0	0	0	0	14	0	80	48	25	613	793
Florida	1,019	3,653	2,323	488	1	0	7,484	424	284	2,239	1,361	99	7	4,408
Georgia	809	2,724	5,423	5,815	19	24	14,814	434	157	1,737	564	20	7	2,919
Hawaii 3	0	10	343	352	4	0	709	44	53	71	45	28	5	246
Idaho	532	1,683	1,166	1,308	0	13	4,702	79	0	145	46	0	0	270
Illinois	1,421	2,711	4,809	2,567	73	627	12,208	630	80	2,319	1,144	318	246	4,737
Indiana	825	1,712	2,225	4,746	15	53	9,582	313	125	1,125	209	5	6	1,783
Iowa	636	3,404	3,948	808	15	30	8,841	147	0	620	97	2	5	879
Kansas	698	3,162	4,300	1,833	7	6	10,006	173	112	349	27	8	0	663
Kentucky	540	1,928	1,593	6,943	9,433	4,547	22,984	221	612	92	921	425	120	2,391
Louisiana	608	1,201	1,613	7,036	4,168	0	14,626	263	45	688	863	143	0	2,002
Maine	312	657	1,061	3,869	1,588	5	7,492	54	17	166	243	257	42	779
Maryland	227	544	939	1,302	367	260	3,639	255	175	619	395	74	67	1,585
Massachusetts	162	306	420	342	9	44	5,224	403	196	658	442	29	40	1,768
Michigan	741	2,730	689	689	0	0	7,631	499	219	937	333	17	0	3,051
Minnesota	681	3,560	5,381	1,234	10	9	10,875	233	130	514	297	15	11	2,005
Mississippi	558	1,738	3,643	3,506	64	119	9,628	127	40	450	120	27	49	1,200
Missouri	812	3,056	3,377	17,987	5,422	0	30,654	366	270	688	175	33	5	1,537
Montana	1,137	2,568	2,764	409	120	653	7,651	53	53	99	15	0	0	32,191
Nebraska	437	2,744	4,183	2,214	10	44	9,595	44	10	283	5	1	0	7,819
Nevada	480	1,391	710	1,700	303	10	4,594	65	31	180	174	59	0	9,938
New Hampshire	176	454	487	1,195	859	416	3,587	48	40	108	148	44	16	5,103
New Jersey	113	427	298	10	14	4	866	300	134	904	238	4	0	3,991
New Mexico	907	1,798	1,870	3,958	2,406	4	10,943	91	0	334	55	100	0	2,446
New York	797	1,924	4,073	3,912	593	57	11,356	703	650	1,359	1,391	116	30	580
North Carolina	633	2,162	2,717	8,625	7,499	46,519	68,175	337	259	1,345	2,000	1,138	4,174	4,249
North Dakota	531	2,927	2,513	1,169	0	41	7,181	40	0	151	10	0	3	9,253
Ohio 3	847	1,690	3,303	8,468	1,243	58	15,609	726	369	1,693	974	156	17	204
Oklahoma	715	2,001	2,842	5,987	2,001	0	11,545	214	101	515	150	2	0	3,935
Oregon	581	2,841	1,917	1,449	59	53	6,900	146	101	491	73	8	0	982
Pennsylvania	1,079	2,491	5,051	7,844	7,945	8,438	32,848	509	437	2,089	2,545	1,861	615	7,668
Rhode Island	21	62	78	127	66	0	354	49	68	318	283	218	111	8,056
South Carolina	668	1,446	7,973	6,222	3,622	17,212	34,579	142	70	695	980	1,323	3,701	1,401
South Dakota	631	2,458	3,197	1,378	0	5	7,669	47	0	110	8	2	0	6,911
Tennessee	740	1,717	3,441	5,293	15	9	11,215	322	107	1,196	710	38	0	2,373
Texas	2,203	6,348	9,461	34,828	14,665	55	67,560	1,031	1,036	3,298	1,972	1,857	5	13,588
Utah	759	975	1,509	1,665	83	20	5,021	168	8	248	269	46	17	7,659
Vermont	280	311	709	1,141	10	0	2,452	40	14	56	61	4	1	6,777
Virginia 3	788	1,503	3,231	10,119	2,394	32,031	50,066	318	163	895	972	509	3,500	2,628
Washington	501	2,111	1,667	1,676	0	0	5,955	269	299	269	198	36	0	6,357
West Virginia 3	456	483	1,564	6,083	2,157	19,351	30,094	94	9	205	270	194	473	1,064
Wisconsin	495	3,351	4,862	1,641	21	12	10,382	143	178	973	143	3	0	1,245
Wyoming	827	1,608	1,391	1,944	257	267	6,294	87	3	191	46	55	12	11,822
Total	32,652	94,593	131,840	200,189	67,609	133,679	660,562	12,878	7,918	36,218	23,512	9,827	14,904	105,257
Percent - Area	4.9	14.3	20.0	30.3	10.2	20.2	100.0	12.2	7.5	34.4	22.3	9.3	14.2	100.0
Percent - Total	4.3	12.4	17.2	26.1	8.8	17.5	86.3	1.7	1.0	4.7	3.1	1.3	1.9	13.7

1 Includes roadways owned by the State highway agency. Excludes roadways owned by State toll, State park and other State agencies.

2 Estimated by FHWA based on the Highway Performance Monitoring System (HPMS) data.

3 1992 data used (1993 base data not available). For West Virginia, the 1992 base data were factored to 1993 levels by FHWA.



# PROPOSED FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>

## MILEAGE BY JURISDICTION

TABLE HM-16P  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

JURISDICTION	FEDERAL-AID HIGHWAYS					NON-FEDERAL-AID HIGHWAYS	TOTAL
	PROPOSED NATIONAL HIGHWAY SYSTEM <sup>2</sup>			OTHER	TOTAL		
	INTERSTATE <sup>3</sup>	OTHER	TOTAL				
<b>Rural:</b>							
State Controlled Roads <sup>4</sup>	29,852	76,770	106,622	300,563	407,185	157,580	564,765
County Roads	0	302	302	209,474	209,776	1,325,935	1,535,711
Town and Township Roads	0	28	28	6,233	6,261	385,649	391,910
Other Local Governmental Roads	0	23	23	5,201	5,224	165,517	170,741
State Park and Forest Roads	0	8	8	95	103	16,426	16,529
National Park, Forest, and Other Roads	0	62	62	5,827	5,889	170,041	175,930
<b>Total Rural</b>	<b>29,852</b>	<b>77,193</b>	<b>107,045</b>	<b>527,393</b>	<b>634,438</b>	<b>2,221,148</b>	<b>2,855,586</b>
Percent - Rural	1.0	2.7	3.7	18.5	22.2	77.8	100.0
<b>Small Urban Areas:</b>							
State Controlled Roads <sup>4</sup>	1,562	5,339	6,901	14,772	21,673	2,801	24,474
County Roads	0	15	15	5,188	5,203	11,223	16,426
Town and Township Roads	0	3	3	2,791	2,794	8,667	11,461
Other Local Governmental Roads	0	76	76	20,401	20,477	74,586	95,063
State Park and Forest Roads	0	0	0	2	2	65	67
National Park, Forest, and Other Roads	0	0	0	49	49	275	324
<b>Total Small Urban Area</b>	<b>1,562</b>	<b>5,433</b>	<b>6,995</b>	<b>43,203</b>	<b>50,198</b>	<b>97,617</b>	<b>147,815</b>
Percent - Small Urban	1.1	3.7	4.7	29.2	34.0	66.0	100.0
<b>Urbanized Areas:</b>							
State Controlled Roads <sup>4</sup>	9,842	15,760	25,602	34,166	59,768	8,837	68,605
County Roads	0	635	635	26,826	27,461	52,023	79,484
Town and Township Roads	0	160	160	9,625	9,785	48,761	58,546
Other Local Governmental Roads	0	1,714	1,714	74,186	75,900	299,449	375,349
State Park and Forest Roads	0	73	73	155	228	233	461
National Park, Forest, and Other Roads	0	33	33	90	123	559	682
<b>Total Urbanized Area</b>	<b>9,842</b>	<b>18,375</b>	<b>28,217</b>	<b>145,048</b>	<b>173,265</b>	<b>409,862</b>	<b>583,127</b>
Percent - Urbanized	1.7	3.2	4.8	24.9	29.7	70.3	100.0
<b>Total Urban:</b>							
State Controlled Roads <sup>4</sup>	11,404	21,099	32,503	48,938	81,441	11,638	93,079
County Roads	0	650	650	32,014	32,664	63,246	95,910
Town and Township Roads	0	163	163	12,416	12,579	57,428	70,007
Other Local Governmental Roads	0	1,790	1,790	94,587	96,377	374,035	470,412
State Park and Forest Roads	0	73	73	157	230	298	528
National Park, Forest, and Other Roads	0	33	33	139	172	834	1,006
<b>Total Urban</b>	<b>11,404</b>	<b>23,808</b>	<b>35,212</b>	<b>188,251</b>	<b>223,463</b>	<b>507,479</b>	<b>730,942</b>
Percent - Urban	1.6	3.3	4.8	25.8	30.6	69.4	100.0
<b>Total Rural and Urban</b>	<b>41,256</b>	<b>101,001</b>	<b>142,257</b>	<b>715,644</b>	<b>857,901</b>	<b>2,728,627</b>	<b>3,586,528</b>
Percent - Total	1.2	2.8	4.0	20.0	23.9	76.1	100.0

<sup>1</sup> As summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data from reports of 45 States, the District of Columbia, and Puerto Rico. 1993 data were not reported or were unusable for Georgia, Hawaii, Ohio, Virginia and West Virginia.

<sup>2</sup> A proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the Federal-aid highways that reflects (includes) the proposed NHS.

<sup>3</sup> Although the Interstate System is part of the NHS, its mileage is shown separately.

<sup>4</sup> Includes State highway agency, State toll and other State agency roads; does not include State park and forest roads.

## PROPOSED FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>

### MILEAGE BY FUNCTIONAL SYSTEMS

TABLE HM-18P  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

FUNCTIONAL SYSTEM	FEDERAL-AID HIGHWAYS					NON-FEDERAL-AID HIGHWAYS	TOTAL
	PROPOSED NATIONAL HIGHWAY SYSTEM <sup>2</sup>			OTHER	TOTAL		
	INTERSTATE <sup>3</sup>	OTHER	TOTAL				
<b>Rural:</b>							
Principal Arterial:							
Interstate	29,852	0	29,852	0	29,852	0	29,852
Other	0	74,453	74,453	14,880	89,333	0	89,333
Subtotal	29,852	74,453	104,305	14,880	119,185	0	119,185
Minor Arterial	0	1,871	1,871	122,003	123,874	0	123,874
Major Collector	0	789	789	390,510	391,299	0	391,299
Minor Collector	0	67	67	0	67	263,703	263,770
Subtotal	0	856	856	390,510	391,366	263,703	655,069
Local	0	13	13	0	13	1,957,445	1,957,458
<b>Total - Rural</b>	<b>29,852</b>	<b>77,193</b>	<b>107,045</b>	<b>527,393</b>	<b>634,438</b>	<b>2,221,148</b>	<b>2,855,586</b>
<b>Small Urban:</b>							
Principal Arterial:							
Interstate	1,562	0	1,562	0	1,562	0	1,562
Other Freeways and Expressways	0	1,004	1,004	139	1,143	0	1,143
Other	0	4,270	4,270	6,834	11,104	0	11,104
Subtotal	1,562	5,274	6,836	6,973	13,809	0	13,809
Minor Arterial	0	149	149	17,250	17,399	0	17,399
Collector	0	8	8	18,980	18,988	0	18,988
Local	0	2	2	0	2	97,617	97,619
<b>Total - Small Urban</b>	<b>1,562</b>	<b>5,433</b>	<b>6,995</b>	<b>43,203</b>	<b>50,198</b>	<b>97,617</b>	<b>147,815</b>
<b>Urbanized:</b>							
Principal Arterial:							
Interstate	9,842	0	9,842	0	9,842	0	9,842
Other Freeways and Expressways	0	5,981	5,981	969	6,950	0	6,950
Other	0	11,947	11,947	24,585	36,532	0	36,532
Subtotal	9,842	17,928	27,770	25,554	53,324	0	53,324
Minor Arterial	0	392	392	60,902	61,294	0	61,294
Collector	0	47	47	58,592	58,639	0	58,639
Local	0	8	8	0	8	409,862	409,870
<b>Total - Urbanized</b>	<b>9,842</b>	<b>18,375</b>	<b>28,217</b>	<b>145,048</b>	<b>173,265</b>	<b>409,862</b>	<b>583,127</b>
<b>Total Urban:</b>							
Principal Arterial:							
Interstate	11,404	0	11,404	0	11,404	0	11,404
Other Freeways And Expressways	0	6,985	6,985	1,108	8,093	0	8,093
Other	0	16,217	16,217	31,419	47,636	0	47,636
Subtotal	11,404	23,202	34,606	32,527	67,133	0	67,133
Minor Arterial	0	541	541	78,152	78,693	0	78,693
Collector	0	55	55	77,572	77,627	0	77,627
Local	0	10	10	0	10	507,479	507,489
<b>Total - Urban</b>	<b>11,404</b>	<b>23,808</b>	<b>35,212</b>	<b>188,251</b>	<b>223,463</b>	<b>507,479</b>	<b>730,942</b>
<b>Total - Rural and Urban</b>	<b>41,256</b>	<b>101,001</b>	<b>142,257</b>	<b>715,644</b>	<b>857,901</b>	<b>2,728,627</b>	<b>3,586,528</b>

<sup>1</sup> As summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data from reports of 45 States, the District of Columbia and Puerto Rico. 1993 data were not reported or were unusable for Georgia, Hawaii, Ohio, Virginia and West Virginia. For North Dakota, the rural Minor Collector mileage has been estimated by FHWA.

<sup>2</sup> A proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on Federal-aid highways that reflects (includes) the proposed NHS.

<sup>3</sup> Although the Interstate system is part of the NHS, its mileage is shown separately.

# PROPOSED FEDERAL - AID HIGHWAYS - 1993 <sup>1</sup>

## MILEAGE BY TRAFFIC LANES AND ACCESS CONTROL

TABLE HM-36P  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

TRAFFIC LANES AND ACCESS CONTROL <sup>3</sup>	PROPOSED NATIONAL HIGHWAY SYSTEM <sup>2</sup>						OTHER FEDERAL - AID HIGHWAYS		ALL FEDERAL- AID HIGHWAYS	
	INTERSTATE <sup>4</sup>		OTHER		TOTAL		MILEAGE	PERCENT	MILEAGE	PERCENT
	MILEAGE	PERCENT	MILEAGE	PERCENT	MILEAGE	PERCENT				
<b>Rural:</b>										
One-way streets	22	0.1	91	0.1	113	0.1	560	0.1	673	0.1
2 lanes	1,016	3.4	57,436	74.4	58,452	54.6	516,567	97.9	575,019	90.6
3 lanes	7	0.0	1,470	1.9	1,477	1.4	861	0.2	2,338	0.4
4 or more lanes - undivided	1,788	6.0	3,180	4.1	4,968	4.6	3,292	0.6	8,260	1.3
Divided highways - 4 or more lanes:										
Degree of access control: <sup>5</sup>										
None	39	0.1	6,679	8.7	6,718	6.3	4,579	0.9	11,297	1.8
Partial	113	0.4	4,052	5.2	4,165	3.9	1,336	0.3	5,501	0.9
Full	26,867	90.0	4,285	5.6	31,152	29.1	198	0.0	31,350	4.9
<b>Total Rural</b>	<b>29,852</b>	<b>100.0</b>	<b>77,193</b>	<b>100.0</b>	<b>107,045</b>	<b>100.0</b>	<b>527,393</b>	<b>100.0</b>	<b>634,438</b>	<b>100.0</b>
<b>Small urban area:</b>										
One-way streets	1	0.1	97	1.8	98	1.4	601	1.4	699	1.4
2 lanes	9	0.6	1,952	35.9	1,961	28.0	36,800	85.2	38,761	77.2
3 lanes	0	0.0	88	1.6	88	1.3	359	0.8	447	0.9
4 or more lanes - undivided	31	2.0	1,151	21.2	1,182	16.9	3,369	7.8	4,551	9.1
Divided highways - 4 or more lanes:										
Degree of access control: <sup>5</sup>										
None	1	0.1	886	16.3	887	12.7	1,495	3.5	2,382	4.7
Partial	9	0.6	647	11.9	656	9.4	526	1.2	1,182	2.4
Full	1,511	96.6	612	11.3	2,123	30.3	53	0.1	2,176	4.3
<b>Total Small Urban Area</b>	<b>1,562</b>	<b>100.0</b>	<b>5,433</b>	<b>100.0</b>	<b>6,995</b>	<b>100.0</b>	<b>43,203</b>	<b>100.0</b>	<b>50,198</b>	<b>100.0</b>
<b>Urbanized Area:</b>										
One-way streets	6	0.1	413	2.2	419	1.5	3,712	2.6	4,131	2.4
2 lanes	8	0.1	3,997	21.8	4,005	14.2	103,106	71.0	107,111	61.8
3 lanes	3	0.0	186	1.0	189	0.7	1,398	1.0	1,587	0.9
4 or more lanes - undivided	267	2.7	3,271	17.8	3,538	12.5	17,990	12.4	21,528	12.4
Divided highways - 4 or more lanes:										
Degree of access control: <sup>5</sup>										
None	115	1.2	3,891	21.2	4,006	14.2	15,865	10.9	19,871	11.5
Partial	67	0.7	2,021	11.0	2,088	7.4	2,416	1.7	4,504	2.6
Full	9,376	95.2	4,596	25.0	13,972	49.5	561	0.4	14,533	8.4
<b>Total Urbanized Area</b>	<b>9,842</b>	<b>100.0</b>	<b>18,375</b>	<b>100.0</b>	<b>28,217</b>	<b>100.0</b>	<b>145,048</b>	<b>100.0</b>	<b>173,265</b>	<b>100.0</b>
<b>Total Urban:</b>										
One-way streets	7	0.1	510	2.1	517	1.5	4,313	2.3	4,830	2.2
2 lanes	17	0.1	5,949	24.9	5,966	16.9	139,906	74.4	145,872	65.2
3 lanes	3	0.0	274	1.2	277	0.8	1,757	0.9	2,034	0.9
4 or more lanes - undivided	298	2.6	4,422	18.6	4,720	13.4	21,359	11.3	26,079	11.7
Divided highways - 4 or more lanes:										
Degree of access control: <sup>5</sup>										
None	116	1.0	4,777	20.1	4,893	13.9	17,360	9.2	22,253	10.0
Partial	76	0.7	2,668	11.2	2,744	7.8	2,942	1.6	5,686	2.5
Full	10,887	95.5	5,208	21.9	16,095	45.7	614	0.3	16,709	7.5
<b>Total Urban</b>	<b>11,404</b>	<b>100.0</b>	<b>23,808</b>	<b>100.0</b>	<b>35,212</b>	<b>100.0</b>	<b>188,251</b>	<b>100.0</b>	<b>223,463</b>	<b>100.0</b>
<b>Total Rural and Urban</b>	<b>41,256</b>	<b>-</b>	<b>101,001</b>	<b>-</b>	<b>142,257</b>	<b>-</b>	<b>715,644</b>	<b>-</b>	<b>857,901</b>	<b>-</b>

<sup>1</sup> As summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data for the National Highway System (NHS) and as expanded from the HPMS standard sample data for other Federal-aid highways from reports of 45 States, the District of Columbia, and Puerto Rico. 1993 data were not reported or were unusable for Georgia, Hawaii, Ohio, Virginia and West Virginia.

<sup>2</sup> A proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the Federal-aid highways that reflects (includes) the proposed NHS.

<sup>3</sup> This table reflects the prevailing number of lanes (excluding parking and turning lanes) carrying through traffic during the off-peak period.

<sup>4</sup> Although the Interstate System is part of the NHS, its mileage is shown separately.

<sup>5</sup> 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.

PROPOSED FEDERAL-AID HIGHWAYS - 1993 <sup>1</sup>  
MILEAGE BY JURISDICTION

TABLE HM-14P  
SHEET 1 OF 3  
NOVEMBER 1994

STATE	COMPILED FROM REPORTS OF STATE AUTHORITIES						PROPOSED NATIONAL HIGHWAY SYSTEM - RURAL <sup>2</sup>						PROPOSED NATIONAL HIGHWAY SYSTEM - URBAN <sup>2</sup>						TOTAL PROPOSED NATIONAL HIGHWAY SYSTEM
	UNDER STATE CONTROL	UNDER LOCAL CONTROL			TOTAL	UNDER FEDERAL CONTROL <sup>4</sup>	TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL			TOTAL	UNDER FEDERAL CONTROL <sup>4</sup>	TOTAL	TOTAL				
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>3</sup>					COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>3</sup>					COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>3</sup>	
Alabama	2,663	0	0	0	0	2,663	957	0	0	0	0	7	0	0	964	3,627			
Alaska	1,489	0	0	0	0	1,489	124	1	0	0	0	1	0	0	125	1,614			
Arizona	2,193	11	0	3	14	2,210	473	27	0	0	0	77	104	0	2,787	2,787			
Arkansas	2,279	0	0	0	0	2,279	379	0	0	0	0	0	0	0	379	2,658			
California	4,800	53	0	0	53	4,857	2,375	11	0	0	0	63	74	0	2,449	7,305			
Colorado	2,581	0	0	0	0	2,581	638	14	0	0	0	69	83	0	721	3,302			
Connecticut	352	0	0	0	0	352	604	0	3	0	0	0	0	0	607	959			
Delaware	193	0	0	0	0	193	100	0	0	0	0	0	0	0	100	293			
Dist. of Columbia	0	0	0	0	0	0	66	0	0	0	0	0	0	0	74	74			
Florida	2,917	8	0	0	9	2,926	1,202	8	0	0	0	3	11	0	1,213	4,139			
Georgia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Idaho	2,211	0	0	0	0	2,211	148	0	0	0	0	5	0	0	153	2,364			
Illinois	3,320	33	0	0	35	3,356	1,968	78	0	0	0	62	148	0	2,116	5,472			
Indiana	2,031	8	0	9	17	2,048	578	3	0	0	0	82	85	0	2,711	2,711			
Iowa	2,597	0	0	0	0	2,597	429	0	0	0	0	1	0	0	430	3,027			
Kansas	3,290	2	0	0	2	3,292	384	0	0	0	0	0	0	0	384	3,676			
Kentucky	2,204	0	0	0	0	2,204	576	0	0	0	0	0	0	0	576	2,780			
Louisiana	1,782	12	0	0	12	1,794	631	18	0	0	0	52	70	0	701	2,495			
Maine	968	0	0	0	0	968	163	0	0	0	0	0	0	0	163	1,131			
Maryland	778	1	0	0	1	779	516	0	0	0	0	30	25	0	571	1,350			
Massachusetts	460	17	0	0	17	478	1,058	0	0	0	0	348	348	0	1,406	1,884			
Michigan	3,031	0	0	0	0	3,031	1,392	194	82	0	0	18	294	0	1,686	4,717			
Minnesota	3,247	7	0	0	7	3,254	655	37	0	0	0	2	39	0	694	3,948			
Mississippi	2,212	19	0	0	24	2,236	356	0	0	0	0	0	0	0	356	2,594			
Missouri	3,371	0	0	0	0	3,371	917	0	0	0	0	23	23	0	940	4,311			
Montana	3,688	54	0	0	54	3,742	103	8	0	0	0	5	116	0	1,116	3,868			
Nebraska	2,724	0	0	0	0	2,724	238	18	0	0	0	25	43	0	281	3,005			
Nevada	1,907	0	0	0	0	1,907	177	4	0	0	0	2	11	0	188	2,097			
New Hampshire	630	0	0	0	0	630	143	0	0	0	0	16	16	0	159	789			
New Jersey	613	3	0	0	3	616	1,269	0	0	0	0	5	5	0	1,274	1,890			
New Mexico	2,648	9	0	0	9	2,657	247	0	0	0	0	8	8	0	255	2,912			
New York	2,743	15	0	0	19	2,762	1,946	93	0	0	0	275	368	0	2,314	5,076			
North Carolina	2,677	0	0	0	0	2,677	845	0	0	0	0	1	1	0	846	3,541			
North Dakota	2,617	3	0	0	3	2,620	103	0	0	0	0	0	0	0	103	2,723			
Ohio <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Oklahoma	2,683	0	0	0	0	2,683	473	0	0	0	0	0	0	0	473	3,156			
Oregon	3,271	2	0	0	2	3,273	421	17	0	0	0	32	49	0	470	3,743			
Pennsylvania	3,457	0	0	0	0	3,457	1,882	0	0	0	0	21	23	0	1,905	5,362			
Rhode Island	80	0	0	0	0	80	175	0	0	0	0	0	0	0	175	255			
South Carolina	1,935	0	0	0	0	1,935	604	1	0	0	0	0	1	0	605	2,540			
South Dakota	2,809	4	0	0	4	2,813	90	0	0	0	0	0	0	0	90	2,899			
Tennessee	2,128	4	0	2	6	2,134	909	0	0	0	0	3	3	0	912	3,046			
Texas	8,479	5	0	1	6	8,485	3,998	36	0	0	0	507	543	0	4,541	13,026			
Utah	1,743	0	0	0	0	1,743	354	6	0	0	0	6	12	0	366	2,142			
Vermont <sup>5</sup>	590	0	0	7	7	597	69	0	0	0	0	14	16	0	85	682			
Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Washington	2,585	7	0	0	7	2,592	664	28	59	0	0	5	92	0	756	3,348			
West Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wisconsin	3,106	46	0	0	46	3,152	783	49	0	0	0	38	87	0	870	4,022			
Wyoming	2,421	0	0	0	0	2,421	151	0	0	0	0	0	0	0	151	2,572			
U.S. Total <sup>6</sup>	106,503	302	28	23	353	106,918	32,333	651	163	0	0	1,805	2,619	33	34,986	141,903			
Puerto Rico	127	0	0	0	0	127	226	0	0	0	0	1	1	0	227	354			
Grand Total <sup>6</sup>	106,630	302	28	23	353	107,045	32,559	651	163	0	0	1,806	2,620	33	35,212	142,257			

**PROPOSED FEDERAL-AID HIGHWAYS - 1993<sup>1</sup>**  
**MILEAGE BY JURISDICTION**

TABLE HM-14P  
 SHEET 2 OF 3  
 NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	OTHER FEDERAL-AID HIGHWAYS - RURAL						OTHER FEDERAL-AID HIGHWAYS - URBAN						TOTAL OTHER FEDERAL- AID HIGHWAYS	
	UNDER STATE CONTROL			UNDER LOCAL CONTROL			UNDER STATE CONTROL			UNDER LOCAL CONTROL				TOTAL
	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>3</sup>	TOTAL	UNDER FEDERAL CONTROL <sup>4</sup>	TOTAL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>3</sup>	TOTAL	UNDER FEDERAL CONTROL <sup>4</sup>			
Alabama	6,280	8,669	0	9,149	37	15,466	925	49	3,446	3,497	8	4,430	19,896	
Alaska	2,060	0	0	5	0	2,065	308	77	20	97	0	405	2,470	
Arizona	2,902	2,187	54	2,350	502	5,754	212	747	3,085	3,838	20	4,070	9,824	
Arkansas	12,295	3,399	0	3,482	56	15,833	779	124	1,424	1,548	0	2,327	18,160	
California	6,554	12,938	0	13,162	484	20,200	1,443	4,694	20,098	24,792	0	26,235	46,435	
Colorado	5,349	3,981	105	4,086	507	9,942	385	730	2,033	2,763	0	3,148	13,090	
Connecticut	1,504	0	143	143	2	1,647	1,192	0	1,959	1,959	0	3,151	4,798	
Delaware	670	0	0	0	0	672	454	0	9	9	0	463	1,135	
Dist. of Columbia	0	0	0	0	0	0	374	0	0	0	3	377	377	
Florida	4,539	4,069	0	4,171	0	8,710	3,212	1,702	4,458	6,160	0	9,372	18,082	
Georgia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Idaho	2,478	2,278	0	3,888	217	6,583	122	84	635	1,001	0	1,123	7,706	
Illinois	8,195	10,311	852	11,403	8	19,606	2,529	1,560	3,830	5,936	2	8,467	28,073	
Indiana	7,477	5,720	150	5,870	0	13,347	1,197	1,926	2,805	4,731	0	5,928	19,275	
Iowa	6,200	12,951	558	13,509	0	19,709	450	344	1,879	2,223	0	2,673	22,382	
Kansas	6,704	20,996	0	21,001	0	27,705	280	0	2,279	2,279	0	2,559	30,264	
Kentucky	8,805	39	0	39	17	8,844	1,696	5	956	961	24	2,681	11,525	
Louisiana	8,676	0	0	0	0	8,693	1,359	567	1,432	1,999	0	3,358	12,051	
Maine	5,043	0	35	39	0	5,082	579	0	254	257	0	836	5,918	
Maryland	2,242	538	15	553	0	2,795	1,021	1,430	778	2,208	32	3,261	6,056	
Massachusetts	774	1,683	1	1,684	8	2,466	809	1	5,510	5,532	1	6,342	8,808	
Michigan	4,600	16,427	381	16,868	0	21,468	613	3,455	2,488	6,407	0	7,020	28,488	
Minnesota	7,611	15,289	107	15,425	117	23,153	533	1,583	1,678	3,278	0	3,811	26,964	
Mississippi	7,234	8,497	187	8,594	275	16,103	410	218	1,437	1,655	11	2,076	18,179	
Missouri	21,865	49	1	50	780	21,915	614	198	3,323	3,525	0	4,139	26,054	
Montana	3,208	6,097	9	6,106	0	10,094	66	173	394	567	0	633	10,727	
Nebraska	6,855	9,081	0	9,249	23	16,127	106	130	896	1,026	0	1,132	17,259	
Nevada	2,375	195	37	234	47	2,656	334	218	462	685	0	1,019	3,675	
New Hampshire	1,684	0	4	13	0	1,697	247	0	539	558	0	805	2,502	
New Jersey	343	1,565	67	1,731	6	2,075	506	3,032	1,919	5,095	0	5,601	7,676	
New Mexico	5,894	0	0	7	0	5,907	335	13	695	708	0	1,043	6,950	
New York	8,013	1,931	233	2,234	12	10,259	2,552	1,451	4,099	8,102	41	10,460	20,719	
North Carolina	11,480	9,595	0	9,851	239	11,720	4,238	0	871	407	0	5,150	16,870	
North Dakota	4,533	0	28	981	61	14,445	99	0	71	478	0	577	15,022	
Ohio <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oklahoma	9,131	14,882	0	15,315	0	24,446	534	352	2,705	3,057	0	3,591	28,037	
Oregon	3,530	6,864	0	6,932	1,240	11,702	347	858	1,505	2,363	0	2,710	14,412	
Pennsylvania	13,109	10	172	216	0	13,325	5,612	258	939	1,496	0	8,905	21,630	
Rhode Island	183	0	76	76	0	259	750	0	439	448	0	1,198	1,457	
South Carolina	11,809	146	1	147	0	11,956	2,608	87	87	174	0	2,782	14,738	
South Dakota	4,861	10,316	291	10,644	699	16,204	76	62	373	456	0	532	16,736	
Tennessee	9,062	0	0	0	0	9,063	1,465	582	2,463	3,045	0	4,510	13,573	
Texas	44,420	690	19	709	27	45,156	5,258	1,162	10,728	11,890	0	17,148	62,304	
Texas	3,175	1,390	81	1,471	123	4,769	387	136	547	683	0	1,070	5,839	
Vermont	1,851	0	0	871	0	2,722	107	0	197	327	0	434	3,156	
Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Washington	3,370	6,798	181	6,979	0	10,349	400	1,997	476	4,637	0	5,037	15,386	
West Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wisconsin	7,242	11,173	880	12,142	0	19,384	662	739	2,574	3,558	0	4,220	23,604	
Wyoming	3,349	500	20	520	341	4,210	231	131	401	532	0	763	4,973	
U.S. Total <sup>6</sup>	299,534	209,489	6,227	220,920	5,829	526,283	48,222	31,976	94,239	138,608	142	186,972	713,255	
Puerto Rico	1,110	0	0	1,110	0	1,110	1,074	0	205	205	0	1,279	2,389	
Grand Total <sup>6</sup>	300,644	209,489	6,227	220,920	5,829	527,393	49,296	31,976	94,444	138,813	142	188,251	715,644	



PROPOSED FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>  
MILEAGE BY JURISDICTION

TABLE HM-14P  
SHEET 13 OF 33  
NOVEMBER 1994

STATE	ALL FEDERAL-AID HIGHWAYS - RURAL AND URBAN					ALL NON - FEDERAL-AID HIGHWAYS - RURAL AND URBAN					TOTAL FEDERAL-AID AND NON-FEDERAL-AID MILEAGE			
	UNDER STATE CONTROL		UNDER LOCAL CONTROL			UNDER STATE CONTROL		UNDER LOCAL CONTROL						
	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>3</sup>	TOTAL	UNDER FEDERAL CONTROL <sup>4</sup>	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER JURISDICTIONS <sup>3</sup>	TOTAL	UNDER FEDERAL CONTROL <sup>4</sup>				
Alabama	10,824	8,717	3,935	12,654	45	23,523	206	49,465	18,119	67,584	896	68,686	92,209	
Alaska	3,979	79	105	4,084	0	4,084	1,340	5,867	17	5,884	2,541	9,765	13,849	
Arizona	5,779	2,972	3,275	6,308	524	12,611	365	17,716	950	29,400	13,387	43,152	55,763	
Arkansas	15,731	3,523	1,508	20,818	56	20,818	503	45,989	8,310	54,299	1,572	56,374	77,192	
California	15,172	17,696	20,385	38,081	488	53,741	3,481	48,532	45,520	17,927	115,460	169,201	284,661	
Colorado	8,954	4,725	2,206	6,931	507	16,392	272	46,439	8,705	55,144	6,913	62,329	78,721	
Connecticut	3,650	0	2,107	2,107	0	5,757	325	0	0	14,270	5	14,600	20,357	
Delaware	1,415	0	10	1,428	3	1,431	3,472	0	644	0	0	4,116	5,544	
Dist. of Columbia	429	0	0	429	22	451	613	0	0	0	43	1,107	1,536	
Florida	11,860	5,810	4,551	10,361	0	22,221	1	50,735	38,542	89,277	1,309	90,587	112,808	
Georgia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Idaho	4,959	2,362	2,250	4,894	217	10,070	164	11,600	12,731	25,438	23,163	48,765	58,835	
Illinois	16,011	11,982	4,133	17,523	11	33,545	1,294	43,995	27,294	101,865	261	103,420	136,965	
Indiana	11,283	7,657	3,046	10,703	79	21,986	79	58,544	11,765	70,309	0	70,309	92,374	
Iowa	9,675	13,296	2,438	15,734	0	25,409	490	76,156	10,533	86,689	120	87,299	112,708	
Kansas	10,659	20,998	2,283	23,281	0	33,940	13	90,063	9,240	99,303	0	99,316	133,256	
Kentucky	13,281	44	956	1,000	24	14,305	14,325	38,987	0	44,002	606	58,327	72,632	
Louisiana	12,465	592	1,471	2,063	17	14,546	4,168	30,912	9,367	40,279	174	41,461	59,599	
Maine	6,751	0	260	2,998	0	7,049	1,798	17,252	11,542	13,489	378	21,907	29,313	
Maryland	4,557	1,969	823	2,792	57	7,405	861	17,252	3,416	20,668	0	20,668	29,313	
Massachusetts	3,100	0	5,860	7,962	10	10,692	585	68,276	16,178	84,454	107	19,871	30,563	
Michigan	9,636	20,076	542	23,569	0	33,205	1,305	28,496	15,047	43,543	0	43,543	117,659	
Minnesota	12,046	16,918	1,708	18,749	117	30,912	1,305	28,496	15,047	43,543	1,501	45,044	129,959	
Mississippi	10,211	8,644	1,632	10,276	286	20,773	269	44,356	6,941	51,297	495	52,061	72,834	
Missouri	26,759	247	3,354	3,606	0	30,365	5,428	71,253	13,895	85,155	839	91,422	121,787	
Montana	7,066	6,332	407	6,739	780	14,585	1,111	38,186	2,330	40,516	13,556	55,183	69,768	
Nebraska	9,921	9,228	1,092	10,320	23	20,264	332	51,899	6,406	71,990	116	72,338	92,702	
Nevada	4,797	415	465	926	49	5,772	480	23,396	2,345	25,741	13,785	40,006	45,778	
New Hampshire	2,700	0	591	3,291	0	3,291	1,320	6,538	3,653	10,191	136	11,647	14,938	
New Jersey	2,732	4,598	2,024	6,833	1	9,566	540	3,434	4,887	16,630	40	25,531	35,097	
New Mexico	9,123	29	704	733	6	9,862	2,410	42,962	1,133	44,096	4,444	50,950	60,812	
New York	15,062	4,590	4,444	10,721	12	25,795	1,203	15,798	13,979	84,701	183	86,087	111,882	
North Carolina	19,241	0	872	872	298	20,411	58,804	0	15,079	15,079	1,734	75,617	96,028	
North Dakota	7,355	0	637	10,329	61	17,745	64	65,015	3,140	68,155	763	68,928	86,727	
Ohio <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oklahoma	12,820	15,234	3,139	18,373	0	31,193	286	72,215	8,753	80,968	20	81,274	112,467	
Oregon	7,569	7,740	1,606	9,346	1,240	18,155	3,645	26,555	6,806	33,361	40,875	77,861	96,036	
Pennsylvania	24,058	269	1,551	2,934	0	26,992	20,304	68,745	68,745	68,750	992	90,046	117,038	
Rhode Island	1,188	0	9	524	0	1,712	174	0	4,171	4,171	0	4,345	6,057	
South Carolina	16,956	233	89	322	0	17,278	24,725	19,634	1,919	21,553	602	46,880	64,158	
South Dakota	7,837	10,378	409	11,099	699	19,635	58	25,671	2,875	62,338	1,274	63,670	83,305	
Tennessee	13,566	586	2,467	3,053	0	16,619	340	53,990	13,509	67,508	570	68,418	85,037	
Texas	62,156	1,892	11,255	13,147	27	75,330	14,699	135,985	67,202	203,187	926	218,812	294,142	
Utah	5,660	1,532	634	2,166	155	7,981	120	20,004	5,612	25,616	6,791	32,527	40,508	
Vermont	2,616	0	275	1,222	0	3,838	222	0	862	10,025	81	10,328	14,166	
Virginia <sup>5</sup>	0	0	480	11,715	0	18,734	11,869	32,613	9,181	41,794	7,031	60,694	79,428	
Washington	7,019	0	0	0	0	0	0	0	0	0	0	0	0	
West Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wisconsin	11,792	12,004	2,705	15,834	0	27,626	645	8,448	60,277	12,958	1,024	83,352	110,978	
Wyoming	6,152	631	421	1,052	341	7,545	577	13,357	14	12,447	3,702	30,097	37,642	
U.S. Total <sup>6</sup>	486,573	242,421	101,273	362,509	6,076	855,158	185,255	1,389,193	443,005	528,946	2,361,144	170,882	2,717,281	3,572,439
Puerto Rico	2,537	0	206	2,743	0	2,743	685	0	10,561	10,561	0	11,346	14,089	
Grand Total <sup>6</sup>	489,110	242,421	101,479	362,715	6,076	857,901	185,940	1,389,193	443,005	539,607	2,371,805	170,882	2,728,627	3,586,528

1 As summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data.  
 2 A proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the Federal-aid highways that reflects (includes) the proposed NHS.  
 3 Includes mileage not identified by administrative authority. Contains mainly municipal mileage for urban summaries.  
 4 Mileage in Federal parks, forests, and reservations that are not part of the State and local highway systems.  
 5 1993 data not reported or unusable.  
 6 Totals reflect only those States reporting usable or partially usable data.





PROPOSED FEDERAL-AID HIGHWAYS - 1993
MILEAGE BY TYPE OF SURFACE

TABLE HM-31P
SHEET 2 OF 2
NOVEMBER 1994

Main data table with columns for STATE, UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL, UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL, UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL, UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL.

OTHER FEDERAL-AID HIGHWAYS - RURAL
OTHER FEDERAL-AID HIGHWAYS - URBAN
OTHER FEDERAL-AID HIGHWAYS - TOTAL
PAVED 4
UNPAVED 5
INTER-MEDIATE TYPE
HIGH TYPE COMPOS-ITE
RIGID
FLEXIBLE
TOTAL

1 Includes a minor amount of intermediate type pavement in a few States for interstate.
2 As proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the Federal-aid highways that reflect (include) the proposed NHS.

3 Includes a minor amount of intermediate type pavement in a few States for interstate.
4 Paved mileage includes the following categories: Low type, an earth, gravel, or stone roadway which has a bituminous surface course less than 1 1/2 inches-suitable for occasional heavy loads; Intermediate type, a mixed bituminous or bituminous penetration roadway base having a combined surface and base thickness of less than 7"; High-type flexible, a mixed bituminous or bituminous penetration roadway base having a combined surface and base thickness of 7" or more (also includes back, 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 1/2" thick.
5 Unpaved mileage includes the following categories: Unimproved roadways using the natural surface and maintained to permit passage; Graded and drained roadways of natural earth aligned and graded to permit reasonable 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.

6 Totals reflect only those States reporting usable or partially usable data.
7 1993 data not reported or unusable.
8 Totals reflect only those States reporting usable or partially usable data.

Summary rows for Total, Percent Total, and Grand Total with columns for UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL, UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL, UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL, UNPAVED, INTER-MEDIATE TYPE, HIGH TYPE COMPOS-ITE, TOTAL.

TABLE HM-33P  
SHEET 1 OF 2  
NOVEMBER 1994

PROPOSED FEDERAL - AID HIGHWAYS - 1993  
MILEAGE BY LANE WIDTH

COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, INTERSTATE SYSTEM (RURAL, URBAN, TOTAL), OTHER (RURAL, URBAN, TOTAL), and TOTAL RURAL AND URBAN. Each category is further divided by lane width (lanes <9, 9, 10, 11, 12, >12) and includes sub-totals for each.



PROPOSED FEDERAL - AID HIGHWAYS - 1993
MILEAGE BY TRAFFIC LANES AND ACCESS CONTROL

TABLE HM-53P
SHEET 1 OF 2
NOVEMBER 1994

Table with columns for STATE, INTERSTATE SYSTEM, RURAL, URBAN, OTHER, and TOTAL. Sub-columns include Divided Highways (4 or more lanes, 2 lanes), Degree of Access Control (None, Partial, Full), and Total. Rows list states from Alabama to Wyoming.





TABLE HM-37P SHEET 1 OF 3 NOVEMBER 1994

PROPOSED FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>  
MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME

Table with columns for STATE, INTERSTATE SYSTEM 3, AVERAGE DAILY TRAFFIC VOLUME (LESS THAN 6,000, 6,000-9,999, 10,000-19,999, 20,000 AND OVER), TOTAL, AVERAGE DAILY TRAFFIC VOLUME (OTHER: 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), and TOTAL. Rows include Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Dist. of Columbia, Florida, Georgia 4, Hawaii 4, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio 4, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia 4, Washington, West Virginia 4, Wisconsin, Wyoming, U.S. Total 5, Puerto Rico, Grand Total 5, Percent/System 5.

**PROPOSED FEDERAL - AID HIGHWAYS - 1993 1**  
**MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME**

TABLE HM-37P  
 SHEET 2 OF 3  
 NOVEMBER 1994

STATE	PROPOSED NATIONAL HIGHWAY SYSTEM - URBAN 2											OTHER											TOTAL
	INTERSTATE SYSTEM 3											OTHER											
	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	TOTAL		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	21	138	90	32	16	297	41	144	126	105	128	80	43	667									
Alaska	15	28	11	0	0	54	11	16	10	8	17	6	3	71									
Arizona	29	100	16	23	34	202	38	61	75	82	375	43	48	577									
Arkansas	4	55	44	27	1	131	15	60	63	61	34	6	9	248									
California	14	50	106	217	680	1,067	7	44	81	98	160	188	824	2,449									
Colorado	52	33	24	40	37	186	16	60	82	70	131	79	97	535									
Connecticut	1	19	52	98	72	242	2	18	45	76	84	57	83	607									
Delaware	0	9	0	6	6	41	8	5	7	8	21	8	7	100									
Dist. of Columbia	0	0	2	8	8	14	0	0	2	2	17	19	20	60									
Florida	4	80	97	121	122	424	20	71	72	91	202	113	220	789									
Georgia 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Hawaii 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Idaho	26	30	23	0	0	79	11	22	18	8	13	2	0	74									
Illinois	49	202	120	105	154	630	43	184	270	226	381	260	122	1,486									
Indiana	12	140	46	72	43	313	7	96	38	65	113	20	11	663									
Iowa	18	83	36	10	0	147	33	116	66	35	28	5	0	283									
Kansas	42	73	24	23	11	173	29	69	45	22	27	6	13	211									
Kentucky	2	59	77	58	25	221	6	57	72	58	88	44	30	355									
Louisiana	27	92	82	34	28	263	24	96	57	66	98	48	49	576									
Maine	18	24	11	1	0	54	1	32	37	17	18	4	0	109									
Maryland	2	20	50	62	121	255	9	8	25	18	64	4	128	571									
Massachusetts	1	54	134	129	85	403	18	91	276	216	333	81	189	1,406									
Michigan	18	103	158	111	109	499	11	104	167	187	250	201	267	1,686									
Minnesota	13	39	69	68	44	233	20	79	66	51	90	54	94	461									
Mississippi	11	82	24	10	0	127	15	50	50	32	32	30	3	231									
Missouri	16	82	78	94	96	366	25	84	89	75	166	65	70	574									
Montana	39	14	0	0	0	53	11	13	15	14	5	4	1	63									
Nebraska	5	19	8	8	4	44	21	52	61	33	27	30	13	237									
Nevada	22	13	10	20	0	65	6	12	17	24	21	23	21	123									
New Hampshire	0	21	20	7	0	48	3	15	21	15	28	12	15	111									
New Jersey	10	32	80	102	76	300	7	44	100	142	162	138	381	1,274									
New Mexico	30	32	9	9	9	91	22	38	30	28	26	11	9	974									
New York	40	255	146	147	115	703	36	180	218	218	300	187	472	2,314									
North Carolina	0	104	144	77	12	337	10	67	77	74	135	89	57	509									
North Dakota	28	0	0	0	0	40	18	25	8	4	4	0	0	846									
Ohio 4	0	0	0	0	0	0	0	0	0	0	0	0	0	103									
Oklahoma	17	71	56	63	7	214	25	58	39	33	24	13	67	473									
Oregon	19	31	24	35	37	146	21	47	58	48	62	38	50	324									
Pennsylvania	10	207	157	109	26	509	57	154	204	222	378	222	159	1,905									
Rhode Island	0	14	13	2	2	49	0	12	27	29	31	12	10	175									
South Carolina	6	47	47	37	5	142	6	70	92	78	136	47	34	463									
South Dakota	25	22	0	0	0	47	11	12	8	7	4	1	0	605									
Tennessee	5	84	105	103	25	322	12	82	122	105	151	72	46	590									
Texas	98	234	235	203	261	1,031	398	476	673	546	615	315	487	4,541									
Utah	24	28	45	55	16	168	5	16	31	34	56	36	20	198									
Vermont	7	30	3	0	0	40	2	15	13	10	4	1	0	45									
Virginia 4	0	0	0	0	0	0	0	0	0	0	0	0	0	85									
Washington	9	36	63	46	108	262	26	63	84	58	92	62	109	494									
West Virginia 4	0	0	0	0	0	0	0	0	0	0	0	0	0	756									
Wisconsin	6	48	34	17	38	143	13	159	169	111	139	70	66	727									
Wyoming	83	4	0	0	0	87	17	36	9	2	0	0	0	64									
U.S. Total 5	878	2,951	2,583	2,399	2,451	11,262	1,136	3,220	3,910	3,481	4,783	2,846	4,347	23,723									
Puerto Rico	2	60	37	25	18	142	5	5	4	14	6	15	36	85									
Grand Total 6	880	3,011	2,620	2,424	2,469	11,404	1,141	3,225	3,914	3,495	4,789	2,861	4,383	23,808									
Percent/System 6	7.7	26.3	23.0	21.3	21.7	100.0	4.8	13.5	16.4	14.7	20.2	12.0	18.4	100.0									



**PROPOSED FEDERAL - AID HIGHWAYS - 1993 1**  
**MILEAGE BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME**

TABLE HM-39P  
 SHEET 1 OF 3  
 NOVEMBER 1994

LANE WIDTH AND DEGREE OF ACCESS CONTROL	PROPOSED NATIONAL HIGHWAY SYSTEM - RURAL 2														TOTAL
	INTERSTATE SYSTEM 3							OTHER							
	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	3,000-3,999	4,000-4,999	5,000-9,999	10,000-14,999	15,000 AND OVER	TOTAL	
Undivided:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
9 feet	0	0	0	0	0	13	132	16	1	0	22	10	0	0	195
10 feet	22	0	0	0	22	149	228	208	262	182	274	63	53	0	1,419
11 feet	103	0	0	0	103	520	1,038	1,060	973	961	1,566	370	67	0	6,555
12 feet	537	19	14	0	577	4,923	9,791	7,931	7,057	5,307	10,421	2,148	784	0	48,939
Greater than 12 feet	331	0	0	0	331	508	496	481	443	421	761	117	41	0	3,599
Total Undivided	993	19	14	7	1,033	6,113	11,685	9,696	8,736	6,871	13,060	2,708	947	0	60,849
Divided:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No access control:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	0	0	0	2	0	7	2	0	5	0	0	5
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	23	0	43
11 feet	0	0	0	0	0	0	1	43	21	0	45	43	140	293	293
12 feet	0	0	3	0	3	0	52	239	456	371	2,600	1,807	1,484	7,009	7,018
Greater than 12 feet	0	0	0	0	0	0	0	5	4	0	53	50	8	0	120
Subtotal	0	0	3	6	9	0	55	287	488	373	2,705	1,907	1,655	7,470	7,479
Partial access control: 4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 feet	0	0	0	0	0	0	0	3	24	0	1	12	2	42	42
11 feet	0	0	0	0	0	0	0	0	0	0	43	25	56	124	127
12 feet	0	50	24	0	103	0	119	416	240	223	1,475	983	980	4,436	4,539
Greater than 12 feet	0	0	0	0	0	0	0	2	44	2	13	0	0	61	63
Subtotal	0	50	24	34	108	0	119	421	308	225	1,533	1,020	1,038	4,664	4,772
Full access control: 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Greater than 12 feet	3,861	5,215	10,016	7	28,246	0	89	70	171	573	2,049	918	1,368	5,228	33,474
Subtotal	5	148	235	61	449	0	0	0	0	0	0	0	4	4	453
Total Divided	3,866	5,413	10,278	9,262	28,819	0	263	778	967	1,171	6,287	3,855	4,056	17,377	46,196
Total	4,859	5,432	10,292	9,269	29,852	6,113	11,948	10,474	9,703	8,042	19,347	6,563	5,003	77,193	107,045

**PROPOSED FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>  
MILEAGE BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME**

TABLE HM-39P  
SHEET 2 OF 3  
NOVEMBER 1994

LANE WIDTH AND DEGREE OF ACCESS CONTROL	PROPOSED NATIONAL HIGHWAY SYSTEM - URBAN 2													TOTAL			
	INTERSTATE SYSTEM 3						OTHER						TOTAL				
	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 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:	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4
Less than 9 feet	0	0	0	0	0	0	0	29	12	5	0	0	0	0	5	0	76
10 feet	0	1	0	0	0	1	0	99	97	135	125	415	97	48	0	0	1,016
11 feet	0	0	0	1	1	2	0	61	211	284	196	194	79	35	0	0	1,062
12 feet	14	12	0	0	1	27	610	1,734	2,122	1,249	1,094	432	86	0	0	0	7,354
Greater than 12 feet	5	0	0	0	0	5	135	192	158	245	136	10	0	0	0	0	876
Total Undivided	19	13	0	1	2	35	934	2,249	2,705	1,820	1,859	623	169	10,359	10,359	10,359	10,394
Divided:	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4
No access control:	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	12
Less than 9 feet	0	0	0	0	0	0	0	0	3	13	28	85	63	0	0	0	212
10 feet	0	2	0	0	0	2	2	27	52	71	136	109	93	0	0	0	490
11 feet	0	0	7	2	0	9	114	343	412	779	1,190	840	856	0	0	0	4,534
12 feet	0	0	0	0	0	0	3	19	24	13	54	33	8	0	0	0	154
Greater than 12 feet	0	0	0	0	0	0	119	394	505	891	1,400	1,073	1,024	0	0	0	5,417
Subtotal	0	2	7	2	0	11	934	2,249	2,705	1,820	1,859	623	169	10,359	10,359	10,359	10,394
Partial access control: 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	1	0	0	1	0	0	0	6	2	16	15	0	0	0	39
10 feet	0	0	0	0	0	0	1	7	10	19	64	18	44	0	0	0	163
11 feet	4	22	22	4	3	55	40	413	340	336	726	405	526	0	0	0	2,841
12 feet	0	5	0	0	0	5	2	11	17	18	11	7	9	0	0	0	80
Greater than 12 feet	0	0	0	0	0	0	43	431	367	379	803	446	594	0	0	0	3,124
Subtotal	4	27	23	4	3	61	43	431	367	379	803	446	594	3,063	3,063	3,063	3,124
Full access control: 4	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Less than 9 feet	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3
9 feet	0	1	1	0	0	2	0	0	0	8	0	0	1	0	0	0	11
10 feet	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
11 feet	0	1	17	16	40	74	0	0	0	1	5	34	76	0	0	0	198
12 feet	816	2,883	2,545	2,384	2,418	11,046	45	150	333	383	694	682	2,513	0	0	0	15,846
Greater than 12 feet	41	83	26	16	6	172	0	1	3	6	28	3	5	0	0	0	218
Subtotal	857	2,969	2,590	2,417	2,464	11,297	45	151	337	405	727	719	2,596	4,980	4,980	4,980	16,277
Total Divided	861	2,998	2,620	2,423	2,467	11,369	207	976	1,209	1,675	2,930	2,238	4,214	13,449	13,449	13,449	24,818
Total	880	3,011	2,620	2,424	2,469	11,404	1,141	3,225	3,914	3,495	4,789	2,861	4,383	23,808	23,808	23,808	35,212

COMPILED FROM REPORTS OF STATE AUTHORITIES

**PROPOSED FEDERAL - AID HIGHWAYS - 1993<sup>1</sup>  
MILEAGE BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME**

TABLE HM-39P  
SHEET 3 OF 3  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	OTHER FEDERAL - AID HIGHWAYS										TOTAL OTHER FEDERAL-AID HIGHWAYS		
	RURAL					URBAN							
	AVERAGE DAILY TRAFFIC VOLUME					AVERAGE DAILY TRAFFIC VOLUME							
	LESS THAN 100	100-499	500-999	1,000-4,999	5,000-9,999 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	TOTAL
Undivided:	2,157	2,407	682	545	36	5,827	718	875	543	94	47	2,277	8,104
Less than 9 feet	4,555	11,524	7,057	9,814	180	33,178	2,500	3,319	1,538	987	524	8,902	42,080
9 feet	8,109	43,765	30,432	40,516	1,856	125,099	4,857	9,957	5,019	6,378	3,680	31,059	156,158
10 feet	10,610	32,243	24,619	49,983	4,220	122,414	2,246	7,465	4,572	6,948	4,907	27,531	149,945
11 feet	12,435	52,167	38,676	95,399	16,062	217,393	6,503	16,487	13,747	20,888	15,029	76,235	293,628
Greater than 12 feet	2,300	3,767	1,625	7,225	1,335	16,478	1,500	4,475	3,114	5,560	3,105	18,227	34,705
Total Undivided	40,166	145,873	103,091	203,482	23,689	520,389	18,324	42,578	28,533	40,855	27,292	164,231	684,620
Divided:													
No access control:													
Less than 9 feet	0	0	0	6	10	16	5	0	0	7	13	16	57
9 feet	0	0	0	0	0	1	3	16	5	12	40	24	101
10 feet	0	0	0	95	1	36	14	129	31	189	246	421	1,162
11 feet	0	58	0	299	94	653	68	75	116	349	987	1,330	3,578
12 feet	0	30	103	1,643	202	4,489	69	435	651	2,196	4,887	6,234	18,961
Greater than 12 feet	0	0	0	73	91	172	9	94	129	536	473	339	1,752
Subtotal	0	88	103	2,116	1,423	5,463	168	749	932	3,289	6,646	8,364	25,611
Partial access control: 4													
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	1	1
9 feet	0	0	0	0	0	0	0	0	7	4	4	3	14
10 feet	0	0	0	1	0	1	0	6	4	35	42	9	96
11 feet	0	0	0	1	0	7	1	0	18	27	83	165	301
12 feet	0	12	24	281	520	1,294	29	90	124	444	1,037	1,002	4,020
Greater than 12 feet	0	0	0	5	3	11	0	9	7	38	28	30	123
Subtotal	0	12	24	288	523	1,313	30	105	160	544	1,194	1,210	4,556
Full access control: 4													
Less than 9 feet	0	0	0	0	0	0	0	0	0	0	0	0	0
9 feet	0	0	0	0	0	0	0	0	1	0	4	0	5
10 feet	0	0	0	0	0	0	0	0	4	0	0	0	4
11 feet	0	0	0	0	0	0	0	0	17	6	1	10	34
12 feet	0	0	29	14	114	228	4	5	15	71	160	329	812
Greater than 12 feet	0	0	0	0	0	0	0	0	0	1	1	0	2
Subtotal	0	0	29	14	114	228	4	5	37	78	166	339	857
Total Divided	0	100	156	2,418	2,060	7,004	202	859	1,129	3,911	8,006	9,913	24,020
Total	40,166	145,973	103,247	205,900	25,749	527,393	18,526	43,437	29,662	44,766	35,298	16,562	715,644

<sup>1</sup> As expanded from the 1993 Highway Performance Monitoring System (HPMS) standard sample data from reports of 45 States, the District of Columbia, and Puerto Rico, 1993 data were not reported or were unusable for Georgia, Hawaii, Ohio, Virginia and West Virginia.

<sup>2</sup> A proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the Federal-aid highways that reflects (includes) the proposed NHS.

<sup>3</sup> Although the Interstate System is part of the NHS, its mileage is shown separately.

<sup>4</sup> 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 driveway connections have been minimized.







**PROPOSED NATIONAL HIGHWAY SYSTEM - 1993<sup>1</sup>  
URBAN MILEAGE BY VOLUME - SERVICE FLOW RATIO**

TABLE HM-42P  
SHEET 2 OF 2  
NOVEMBER 1994

STATE	VOLUME-SERVICE FLOW RATIO (V/SF)												
	INTERSTATE SYSTEM <sup>2</sup>						OTHER						TOTAL
	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL
Alabama	0	37	126	25	68	297	57	220	249	47	40	54	667
Alaska	0	8	26	10	4	54	23	11	16	4	6	11	71
Arizona	32	104	379	5	19	202	63	161	104	8	17	20	375
Arkansas	2	27	57	9	14	131	24	69	70	24	18	43	248
California	15	27	145	89	197	1,067	10	101	391	126	216	538	1,382
Colorado	29	33	34	14	43	186	17	72	211	84	60	91	535
Connecticut	0	14	26	27	46	129	3	36	137	42	43	104	365
Delaware	0	1	15	9	3	41	0	5	23	1	14	5	59
Dist. of Columbia	0	0	1	1	2	10	0	0	0	0	0	0	60
Florida	1	13	151	41	49	424	36	289	304	33	50	77	789
Georgia <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho	2	24	11	5	30	79	2	16	29	2	12	13	74
Illinois	28	99	195	24	89	196	71	212	309	53	267	574	1,486
Indiana	11	125	112	9	31	26	56	52	128	41	25	48	350
Iowa	6	43	67	17	5	147	152	91	0	0	0	0	283
Kansas	28	47	75	0	9	14	173	47	119	2	4	8	211
Kentucky	2	27	105	14	28	45	29	98	119	11	34	64	355
Louisiana	5	48	113	12	29	56	52	55	121	25	43	142	438
Maine	7	15	22	4	2	4	11	38	34	8	13	5	109
Maryland	1	7	18	17	55	157	10	39	84	62	58	63	316
Massachusetts	2	49	129	47	47	129	50	151	350	45	166	241	1,003
Michigan	6	24	119	36	63	251	21	161	324	98	252	331	1,187
Minnesota	5	15	76	30	8	99	233	62	197	30	35	118	461
Mississippi	4	38	47	9	18	127	25	94	51	17	9	34	231
Missouri	5	29	78	58	54	142	55	150	211	46	52	60	574
Montana	22	10	14	0	9	0	6	22	20	5	4	6	63
Nebraska	2	10	14	0	9	44	51	50	89	11	25	11	237
Nevada	6	13	19	3	9	15	23	37	47	4	2	10	123
New Hampshire	0	13	19	8	4	48	5	24	54	9	5	14	111
New Jersey	0	33	75	29	48	115	40	90	382	57	129	276	974
New Mexico	22	33	13	2	10	11	91	82	24	5	0	2	164
New York	90	53	148	79	90	243	289	232	288	74	384	344	1,611
North Carolina	0	16	116	43	49	113	337	36	108	151	41	68	1,511
North Dakota	24	9	7	0	0	40	28	18	15	1	1	0	63
Ohio <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma	6	61	90	17	28	12	31	80	79	11	22	36	259
Oregon	9	22	31	8	28	48	18	51	155	29	37	34	324
Pennsylvania	2	82	197	39	85	104	106	265	437	140	187	261	1,396
Rhode Island	0	1	13	6	10	19	9	30	51	7	8	21	126
South Carolina	4	8	43	11	16	60	40	102	184	33	36	68	463
South Dakota	1	12	15	3	12	4	47	10	23	8	1	0	43
Tennessee	1	48	99	21	53	100	83	267	147	27	35	31	590
Texas	119	127	256	68	125	336	500	1,214	877	140	167	612	3,510
Utah	7	19	37	29	37	39	5	37	82	19	22	33	198
Vermont	4	7	29	0	0	40	1	8	22	1	5	8	45
Virginia <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	4	20	43	37	27	131	82	136	158	39	44	35	494
West Virginia <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin	0	15	32	9	13	74	58	209	276	55	60	69	727
Wyoming	77	10	0	0	0	87	39	15	9	0	1	0	64
U.S. Total <sup>4</sup>	591	1,495	3,093	924	1,543	3,616	2,329	5,331	7,203	1,526	2,701	4,633	23,723
Puerto Rico	0	15	61	17	17	32	6	9	20	16	8	26	85
Grand Total <sup>4</sup>	591	1,510	3,154	941	1,560	3,648	2,335	5,340	7,223	1,542	2,709	4,659	23,808
Percent/System <sup>4</sup>	5.2	13.2	27.7	8.3	13.7	31.9	9.8	22.4	30.3	6.5	11.4	19.6	100.0

<sup>2</sup> Although the Interstate system is part of the NHS, its mileage is shown separately.  
<sup>3</sup> 1993 data not reported or unusable.  
<sup>4</sup> Totals reflect only those States reporting usable or partially usable data.

PROPOSED NATIONAL HIGHWAY SYSTEM - 1993 1
RURAL MILEAGE BY PAVEMENT CONDITION

TABLE HM-66P
SHEET 1 OF 2
NOVEMBER 1994

Table with columns for STATE, UNITS 2, INTERSTATE SYSTEM 3, OTHER, and TOTAL. Rows list states and a grand total. Columns include various pavement condition metrics like PSR (P), NOT REPORTED, POOR, FAIR, GOOD, VERY GOOD, and their respective mileages.

PROPOSED NATIONAL HIGHWAY SYSTEM - 1993 1  
URBAN MILEAGE BY PAVEMENT CONDITION 2

TABLE HM-46P  
SHEET 2 OF 2  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, UNITS 2 (PSR (P), OR (R)), INTERSTATE SYSTEM 3, UNITS 1 (PSR (P), OR (R)), OTHER (2.1-2.5, 2.6-3.4, 3.5-3.9), UNITS 2 (PSR (P), OR (R)), TOTAL REPORTED, and TOTAL (NOT REPORTED 4, POOR, MEDIOCRE, FAIR, GOOD, VERY GOOD, > 3.9, < 6.1, TOTAL REPORTED). Rows include states like Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Dist. of Columbia, Florida, Georgia 5, Hawaii 5, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio 5, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia 5, Washington, West Virginia 5, Wisconsin, Wyoming, and U.S. Total 6.

1 A proposed National Highway System (NHS) was submitted to Congress in December, 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the proposed NHS as summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data.  
2 PSR stands for "Present Serviceability Rating" - 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. Data are reported at 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.  
3 Although the Interstate System is part of the NHS, its mileage is shown separately.  
4 Some States did not report for all required systems. Includes unreported mileage not represented in the remaining columns: rural other NHS - 42 miles in Mississippi; urban other NHS - 2 miles in Louisiana and 6 miles in Mississippi.  
5 1993 data not reported or unusable  
6 Totals reflect only those States reporting usable or partially usable data.



## PROPOSED NATIONAL HIGHWAY SYSTEM - 1993 <sup>1</sup>

### RURAL MILEAGE BY MEASURED PAVEMENT ROUGHNESS

TABLE HM-47P  
SHEET 2 OF 4  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) <sup>2</sup>									
	TOTAL RURAL NHS									TOTAL REPORTED
	NOT REPORTED <sup>4</sup>	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	
Alabama	1,531	453	336	240	49	8	27	10	9	1,132
Alaska	0	0	361	306	398	150	152	83	39	1,489
Arizona	0	134	1,070	518	294	75	65	33	21	2,210
Arkansas	1,581	66	185	99	124	93	62	44	25	698
California	2,361	364	1,083	601	287	113	27	14	7	2,496
Colorado	0	14	545	836	607	263	168	148	0	2,581
Connecticut	5	0	121	75	56	40	28	25	2	347
Delaware	0	0	49	50	41	15	14	9	15	193
Dist. of Columbia	0	0	0	0	0	0	0	0	0	0
Florida	0	17	2,397	148	218	93	13	13	27	2,926
Georgia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Idaho	0	0	143	332	404	627	476	183	46	2,211
Illinois	450	10	787	735	681	377	152	92	72	2,906
Indiana	636	493	538	194	48	107	23	8	1	1,412
Iowa	205	182	550	483	527	465	150	26	9	2,392
Kansas	0	352	1,351	708	577	180	78	26	20	3,292
Kentucky	0	27	918	569	366	260	18	21	25	2,204
Louisiana	54	320	200	758	125	97	45	52	143	1,740
Maine	756	2	81	59	37	13	7	3	10	212
Maryland	1	1	270	292	119	34	23	19	20	778
Massachusetts	173	1	75	170	35	12	6	4	2	305
Michigan	108	481	1,124	582	376	239	77	29	15	2,923
Minnesota	0	0	335	439	562	688	401	326	503	3,254
Mississippi	42	1	2	154	300	637	525	357	218	2,194
Missouri	1,507	12	629	528	351	171	55	53	65	1,864
Montana	57	15	663	1,200	939	596	174	85	13	3,685
Nebraska	0	9	733	623	682	335	228	68	46	2,724
Nevada	1,364	204	293	33	15	0	0	0	0	545
New Hampshire	5	26	322	124	62	35	16	13	27	625
New Jersey	394	0	48	135	37	1	1	0	0	222
New Mexico	12	273	1,050	473	331	213	136	101	68	2,645
New York	240	89	1,137	529	295	148	95	96	133	2,522
North Carolina	603	15	608	614	397	251	98	44	65	2,092
North Dakota	0	30	489	673	785	439	170	29	5	2,620
Ohio <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Oklahoma	0	110	570	418	387	342	446	113	297	2,683
Oregon	0	768	723	731	507	316	138	63	27	3,273
Pennsylvania	0	28	859	828	690	480	286	154	132	3,457
Rhode Island	27	0	2	24	10	14	3	0	0	53
South Carolina	34	92	984	416	224	144	34	4	3	1,901
South Dakota	47	350	276	889	507	529	129	53	29	2,762
Tennessee	1,390	29	479	150	49	23	8	6	0	744
Texas	0	210	1,732	1,153	5,252	113	21	4	0	8,485
Utah	11	429	877	342	88	22	6	0	1	1,765
Vermont	0	81	265	122	63	33	17	10	6	597
Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Washington	0	1	208	836	906	456	127	45	13	2,592
West Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Wisconsin	0	230	1,111	786	522	298	146	42	17	3,152
Wyoming	126	0	128	411	742	728	219	45	22	2,295
U.S. Total <sup>6</sup>	13,720	5,919	26,707	20,386	20,072	10,273	5,090	2,553	2,198	93,198
Puerto Rico	62	0	0	5	18	18	9	2	13	65
Grand Total <sup>6</sup>	13,782	5,919	26,707	20,391	20,090	10,291	5,099	2,555	2,211	93,263
Percent/System Reported <sup>6</sup>	-	6.3	28.6	21.9	21.5	11.0	5.5	2.7	2.4	100.0

PROPOSED NATIONAL HIGHWAY SYSTEM - 1993<sup>1</sup>  
URBAN MILEAGE BY MEASURED PAVEMENT ROUGHNESS

TABLE HM-47P  
SHEET 3 OF 4  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERNATIONAL ROUGHNESS INDEX (IR) <sup>2</sup>													TOTAL REPORTED <sup>3</sup>	NOT REPORTED <sup>4</sup>	TOTAL REPORTED		
	INTERSTATE SYSTEM <sup>3</sup>						OTHER						TOTAL REPORTED					
	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	< 60	60-94	95-119	120-144					145-170	171-194
Alabama	176	42	25	13	7	2	4	14	121	442	69	52	62	31	6	2	225	
Alaska	0	2	15	14	16	4	1	0	54	0	2	5	15	10	4	8	71	
Arizona	0	12	115	49	21	4	0	0	202	0	33	109	65	44	3	375		
Arkansas	2	1	9	30	34	25	10	4	129	196	1	14	8	7	0	52		
California	387	55	265	210	110	28	2	0	680	675	66	296	189	11	38	0	707	
Colorado	0	2	43	63	62	10	0	0	186	0	6	100	114	13	53	24	535	
Connecticut	0	0	57	68	45	21	24	7	242	27	6	60	108	24	45	5	338	
Delaware	0	0	0	11	4	8	3	5	41	0	0	18	17	4	8	59		
Dist. of Columbia	0	0	0	2	1	0	4	3	14	31	0	0	1	2	6	17	29	
Florida	0	9	308	26	40	26	9	5	424	0	0	717	15	12	3	0	789	
Georgia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Idaho	0	0	5	31	22	18	2	0	79	0	0	5	11	8	9	74		
Illinois	215	0	76	77	114	84	8	14	415	323	0	99	222	12	20	0	1,163	
Indiana	0	119	33	53	61	15	27	3	313	218	38	33	31	10	3	1	132	
Iowa	6	0	26	32	34	44	4	1	141	154	6	20	21	38	11	0	129	
Kansas	0	24	66	57	23	3	0	0	173	0	23	40	51	20	7	4	211	
Kentucky	0	2	55	27	58	55	18	4	221	0	7	97	95	62	10	14	355	
Louisiana	23	54	50	29	51	25	20	4	240	12	7	21	265	15	23	51	426	
Maine	16	1	23	3	3	11	0	0	38	102	0	5	0	1	1	0	7	
Maryland	6	0	89	60	40	27	8	14	249	4	1	55	94	16	10	0	312	
Massachusetts	0	9	130	191	45	18	2	3	403	694	1	39	117	64	6	16	309	
Michigan	8	39	167	121	82	45	20	10	491	361	11	115	123	103	64	88	826	
Minnesota	0	0	44	49	44	41	23	13	233	0	5	15	51	48	68	114	461	
Mississippi	0	0	0	0	6	25	43	6	127	6	0	0	0	17	26	28	225	
Missouri	135	3	54	58	55	25	3	26	231	309	0	41	63	55	16	17	265	
Montana	7	0	12	24	5	4	1	0	46	16	2	9	7	8	4	2	47	
Nebraska	0	0	2	7	8	7	6	7	44	42	0	5	12	27	30	65	195	
Nevada	17	10	17	6	13	1	0	0	48	75	18	15	8	6	0	0	48	
New Hampshire	0	3	12	8	3	9	1	8	48	3	1	50	14	12	6	7	108	
New Jersey	153	0	29	87	27	4	0	0	147	690	0	51	169	51	0	0	284	
New Mexico	0	2	12	29	20	11	6	3	91	0	20	21	70	19	20	8	164	
New York	12	13	250	124	71	69	52	40	691	89	46	223	272	248	160	117	1,522	
North Carolina	50	2	51	72	58	51	30	7	287	125	5	98	93	71	68	11	384	
North Dakota	0	0	4	15	9	12	0	0	40	0	0	2	15	12	8	6	63	
Ohio <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oklahoma	0	16	84	30	27	27	12	16	214	0	25	52	49	26	36	6	259	
Oregon	0	0	4	44	35	6	1	0	44	0	9	20	67	79	45	26	324	
Pennsylvania	1	0	89	172	137	66	27	12	509	0	4	168	242	253	162	103	324	
Rhode Island	43	0	3	3	0	0	0	0	6	53	0	5	23	15	19	0	1,396	
South Carolina	9	16	55	26	15	9	7	4	133	67	53	159	81	46	28	5	396	
South Dakota	0	0	5	3	10	14	9	6	47	0	0	3	17	5	3	2	43	
Tennessee	0	17	146	66	45	26	10	8	322	586	0	4	0	0	0	0	43	
Texas	0	3	237	211	487	61	28	3	1,031	0	12	186	297	2,734	71	34	3,510	
Texas	0	27	57	62	12	10	0	0	168	12	21	84	43	16	6	0	186	
Vermont	0	6	31	3	0	0	0	0	40	0	1	3	16	6	2	9	45	
Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Washington	0	0	19	75	69	52	26	16	262	0	1	34	202	127	30	16	494	
West Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wisconsin	0	7	18	47	32	29	4	3	143	0	30	140	129	151	97	64	727	
Wyoming	0	0	1	15	27	31	8	2	87	8	2	6	11	14	7	3	56	
U.S. Total <sup>6</sup>	1,265	500	2,844	2,416	2,092	1,052	535	299	9,997	5,320	527	3,294	3,701	1,320	912	1,286	18,403	
Puerto Rico	57	0	1	8	13	13	11	20	85	70	0	0	0	4	0	5	15	
Grand Total <sup>6</sup>	1,322	500	2,845	2,424	2,105	1,065	546	319	10,082	5,390	527	3,294	3,701	1,320	917	1,291	18,418	
Percent/System Reported <sup>6</sup>	5.0	28.2	24.0	20.9	10.6	5.4	3.2	2.8	100.0	2.9	17.9	20.1	28.3	11.7	7.2	5.0	7.0	100.0

## PROPOSED NATIONAL HIGHWAY SYSTEM - 1993<sup>1</sup>

### URBAN MILEAGE BY MEASURED PAVEMENT ROUGHNESS

TABLE HM-47P  
SHEET 4 OF 4  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) <sup>2</sup>									
	TOTAL URBAN NHS									
	NOT REPORTED <sup>4</sup>	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED
Alabama	618	111	77	75	38	8	17	6	14	346
Alaska	0	4	20	29	26	18	15	5	8	125
Arizona	0	45	224	154	86	48	13	4	3	577
Arkansas	198	2	23	38	45	36	23	10	4	181
California	1,062	121	561	399	212	66	22	6	0	1,387
Colorado	0	8	143	224	176	74	19	53	24	721
Connecticut	27	0	117	176	86	76	44	69	12	580
Delaware	0	0	29	23	15	12	5	3	13	100
Dist. of Columbia	31	0	0	3	2	2	6	10	20	43
Florida	0	9	1,025	41	63	45	21	8	1	1,213
Georgia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Hawaii <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Idaho	0	0	10	42	30	30	10	22	9	153
Illinois	538	0	175	316	336	316	225	97	113	1,578
Indiana	218	157	66	84	71	28	30	6	3	445
Iowa	160	6	46	53	72	77	15	1	0	270
Kansas	0	47	106	108	80	23	7	4	9	384
Kentucky	0	9	152	122	120	96	47	14	16	576
Louisiana	35	61	71	294	66	48	37	31	58	666
Maine	118	1	28	3	12	0	1	0	0	45
Maryland	10	1	144	154	91	69	27	18	57	561
Massachusetts	694	10	169	308	109	61	28	8	19	712
Michigan	369	50	282	244	249	200	123	74	95	1,317
Minnesota	0	5	59	100	92	134	90	81	133	694
Mississippi	6	0	0	23	53	96	71	75	34	352
Missouri	444	3	95	121	110	82	19	23	43	496
Montana	23	2	21	33	12	12	7	4	2	93
Nebraska	42	0	7	19	35	31	37	38	72	239
Nevada	92	28	32	14	19	2	1	0	0	96
New Hampshire	3	4	62	22	15	21	10	7	15	156
New Jersey	843	0	80	256	78	17	0	0	0	431
New Mexico	0	22	33	99	39	31	16	8	7	255
New York	101	59	473	396	319	260	212	157	337	2,213
North Carolina	175	7	149	165	129	119	54	18	30	671
North Dakota	0	0	6	30	21	21	11	8	6	103
Ohio <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Oklahoma	0	41	136	82	76	53	48	22	15	473
Oregon	0	13	64	123	114	61	46	26	23	470
Pennsylvania	0	4	257	414	390	331	189	115	205	1,905
Rhode Island	96	0	8	26	15	10	19	0	1	79
South Carolina	76	69	214	107	61	37	20	9	12	529
South Dakota	0	1	8	20	19	17	14	9	2	90
Tennessee	586	17	150	66	45	26	10	8	4	326
Texas	0	15	423	508	3,221	200	99	37	38	4,541
Utah	12	48	141	105	28	20	6	6	0	354
Vermont	0	7	34	19	6	6	2	2	9	85
Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Washington	0	1	53	277	196	119	56	32	22	756
West Virginia <sup>5</sup>	0	0	0	0	0	0	0	0	0	0
Wisconsin	0	37	158	176	183	126	68	72	50	870
Wyoming	8	2	7	26	41	40	15	5	7	143
U.S. Total <sup>6</sup>	6,585	1,027	6,138	6,117	7,302	3,205	1,855	1,211	1,545	28,400
Puerto Rico	127	0	1	8	17	14	11	25	24	100
Grand Total <sup>6</sup>	6,712	1,027	6,139	6,125	7,319	3,219	1,866	1,236	1,569	28,500
Percent/System Reported <sup>6</sup>	-	3.6	21.5	21.5	25.7	11.3	6.5	4.3	5.5	100.0

<sup>1</sup> A proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the proposed NHS as summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data.

<sup>2</sup> 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.

<sup>3</sup> Although the Interstate System is part of the NHS, its mileage is shown separately.

<sup>4</sup> Some States did not report for all required systems. Includes unpaved mileage not represented in the remaining columns: rural other NHS - 42 miles in Mississippi; urban other NHS - 2 miles in Louisiana and 6 miles in Mississippi.

<sup>5</sup> 1993 data not reported or unusable.

<sup>6</sup> Totals only reflect those States reporting usable or partially usable data.

# PROPOSED NATIONAL HIGHWAY SYSTEM - 1993 <sup>1</sup>

## ESTIMATED LANE MILEAGE

TABLE HM-48P  
NOVEMBER 1994

COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	RURAL			URBAN			TOTAL NHS		
	INTERSTATE SYSTEM	OTHER	TOTAL	INTERSTATE SYSTEM	OTHER	TOTAL	INTERSTATE SYSTEM	OTHER	TOTAL
Alabama	2,410	5,516	7,926	1,429	2,309	3,738	3,839	7,825	11,664
Alaska	2,121	943	3,064	218	226	444	2,339	1,169	3,508
Arizona	3,948	2,725	6,673	957	1,417	2,374	4,905	4,142	9,047
Arkansas	1,651	4,234	5,885	612	857	1,469	2,263	5,091	7,354
California	6,251	9,406	15,657	7,846	7,173	15,019	14,097	16,579	30,676
Colorado	3,109	4,290	7,399	881	2,129	3,010	3,990	6,419	10,409
Connecticut	441	674	1,115	1,397	1,271	2,668	1,838	1,945	3,783
Delaware	0	628	628	247	242	489	247	870	1,117
Dist. of Columbia	0	0	0	76	273	349	76	273	349
Florida	4,410	5,689	10,099	2,306	3,368	5,674	6,716	9,057	15,773
Georgia <sup>2</sup>	0	0	0	0	0	0	0	0	0
Hawaii <sup>2</sup>	0	0	0	0	0	0	0	0	0
Idaho	2,129	3,617	5,746	322	235	557	2,451	3,852	6,303
Illinois	5,737	4,411	10,148	3,268	5,243	8,511	9,005	9,654	18,659
Indiana	3,372	2,986	6,358	1,502	938	2,440	4,874	3,924	8,798
Iowa	2,580	4,689	7,269	674	1,055	1,729	3,254	5,744	8,998
Kansas	2,793	5,614	8,407	853	737	1,590	3,646	6,351	9,997
Kentucky	2,216	4,993	7,209	1,077	1,294	2,371	3,293	6,287	9,580
Louisiana	2,559	3,013	5,572	1,129	1,817	2,946	3,688	4,830	8,518
Maine	1,275	1,330	2,605	217	286	503	1,492	1,616	3,108
Maryland	1,105	1,844	2,949	1,597	1,321	2,918	2,702	3,165	5,867
Massachusetts	781	854	1,635	2,376	2,987	5,363	3,157	3,841	6,998
Michigan	3,149	5,692	8,841	2,780	5,006	7,786	5,929	10,698	16,627
Minnesota	2,761	6,643	9,404	1,182	1,698	2,880	3,943	8,341	12,284
Mississippi	2,233	4,539	6,772	507	829	1,336	2,740	5,368	8,108
Missouri	3,257	6,210	9,467	2,019	1,524	3,543	5,276	7,734	13,010
Montana	4,548	5,394	9,942	217	198	415	4,765	5,592	10,357
Nebraska	1,747	4,778	6,525	209	800	1,009	1,956	5,578	7,534
Nevada	1,920	3,076	4,996	300	502	802	2,220	3,578	5,798
New Hampshire	762	995	1,757	227	324	551	989	1,319	2,308
New Jersey	606	1,453	2,059	1,954	4,235	6,189	2,560	5,688	8,248
New Mexico	3,649	4,181	7,830	427	675	1,102	4,076	4,856	8,932
New York	3,276	5,078	8,354	3,674	6,710	10,384	6,950	11,788	18,738
North Carolina	2,573	5,902	8,475	1,559	1,877	3,436	4,132	7,779	11,911
North Dakota	2,122	4,903	7,025	168	218	386	2,290	5,121	7,411
Ohio <sup>2</sup>	0	0	0	0	0	0	0	0	0
Oklahoma	2,861	5,416	8,277	1,024	1,045	2,069	3,885	6,461	10,346
Oregon	2,368	6,005	8,373	709	1,058	1,767	3,077	7,063	10,140
Pennsylvania	4,337	6,473	10,810	2,281	4,952	7,233	6,618	11,425	18,043
Rhode Island	86	157	243	300	459	759	386	616	1,002
South Carolina	2,702	3,515	6,217	676	1,792	2,468	3,378	5,307	8,685
South Dakota	2,526	4,756	7,282	188	158	346	2,714	4,914	7,628
Tennessee	3,010	3,702	6,712	1,596	2,248	3,844	4,606	5,950	10,556
Texas	8,902	18,244	27,146	5,724	14,036	19,760	14,626	32,280	46,906
Utah	3,109	2,250	5,359	915	763	1,678	4,024	3,013	7,037
Vermont	1,121	722	1,843	160	113	273	1,281	835	2,116
Virginia <sup>2</sup>	0	0	0	0	0	0	0	0	0
Washington	2,192	4,550	6,742	1,493	1,668	3,161	3,685	6,218	9,903
West Virginia <sup>2</sup>	0	0	0	0	0	0	0	0	0
Wisconsin	2,078	6,518	8,596	687	2,686	3,373	2,765	9,204	11,969
Wyoming	3,307	3,205	6,512	347	192	539	3,654	3,397	7,051
U.S. Total <sup>3</sup>	120,090	191,813	311,903	60,307	90,944	151,251	180,397	282,757	463,154
Puerto Rico	397	69	466	686	324	1,010	1,083	393	1,476
Grand Total <sup>3</sup>	120,487	191,882	312,369	60,993	91,268	152,261	181,480	283,150	464,630
Percent - Total <sup>3</sup>	38.6	61.4	100.0	40.1	59.9	100.0	39.1	60.9	100.0

<sup>1</sup> A proposed National Highway System (NHS) was submitted to Congress in December 1993 as required by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. This table contains information on the proposed NHS as summarized from the 1993 Highway Performance Monitoring System (HPMS) universe data.

<sup>2</sup> 1993 data not reported or unusable.

<sup>3</sup> Totals reflect only those States reporting usable or partially usable data.



ANNUAL VEHICLE-MILES OF TRAVEL AND RELATED DATA - 1993<sup>1</sup>  
BY HIGHWAY CATEGORY AND VEHICLE TYPE

TABLE VM-1  
NOVEMBER 1994

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

YEAR	ITEM	PASSENGER VEHICLES						TRUCKS				ALL MOTOR VEHICLES	
		PERSONAL PASSENGER VEHICLES		ALL PASSENGER VEHICLES	BUSES	ALL PASSENGER VEHICLES	SINGLE-UNIT		COMBI-NATION	ALL TRUCKS			
		PASSENGER CARS	MOTOR-CYCLES				2-AXLE 4-TIRE	OTHER			ALL SINGLE-UNIT		
1993	Motor Vehicle Travel: (Millions of vehicle-miles)												
1993	Interstate Rural	134,882	1,215	136,097	570	136,667	32,806	5,942	38,748	32,606	71,354	208,021	
1992		134,202	1,180	135,382	540	135,922	32,239	5,848	38,087	31,548	69,635	205,557	
1993	Other Arterial Rural	231,207	1,541	232,748	1,064	233,812	80,112	11,287	91,399	23,543	114,942	348,754	
1992		230,145	1,544	231,689	948	232,637	79,000	10,968	89,968	21,457	111,425	344,062	
1993	Other Rural	212,756	1,534	214,290	1,874	216,164	89,466	12,556	102,022	11,985	114,007	330,171	
1992		219,711	1,685	221,396	1,797	223,193	88,304	11,795	100,099	11,185	111,285	334,478	
1993	All Rural	578,845	4,290	583,135	3,508	586,643	202,384	29,785	232,169	68,134	300,303	886,946	
1992		584,058	4,409	588,467	3,285	591,752	199,543	28,611	228,154	64,191	292,345	884,097	
1993	Interstate Urban	237,758	1,658	239,416	511	239,927	53,326	6,481	59,807	16,103	75,910	315,837	
1992		226,333	1,141	227,474	493	227,967	51,465	6,706	58,171	17,127	75,298	303,265	
1993	Other Urban	807,369	3,941	811,310	2,102	813,412	241,491	20,427	261,918	18,472	280,390	1,093,802	
1992		790,448	4,007	794,455	1,981	796,436	227,185	18,374	245,559	17,794	263,353	1,059,789	
1993	All Urban <sup>2</sup>	1,045,127	5,599	1,050,726	2,613	1,053,339	294,817	26,908	321,725	34,575	356,300	1,409,639	
1992		1,016,781	5,148	1,021,929	2,474	1,024,403	278,650	25,080	303,730	34,921	338,651	1,363,054	
1993	Total Rural and Urban	1,623,972	9,889	1,633,861	6,121	1,639,982	497,201	56,693	553,894	102,709	656,603	2,296,585	
1992		1,600,839	9,557	1,610,396	5,759	1,616,155	478,193	53,691	531,884	99,112	630,996	2,247,151	
1993	Number of motor vehicles registered <sup>3</sup>	146,314,296	3,977,856	150,292,152	654,432	150,946,584	40,902,865	4,465,692	45,368,557	1,726,197	47,094,754	198,041,338	
1992		144,213,429	4,066,118	148,278,547	644,732	148,923,279	39,533,142	4,316,148	43,849,290	1,654,777	45,504,067	194,427,346	
1993	Average miles traveled per vehicle	11,099	2,486	10,871	9,353	10,865	12,156	12,695	12,209	59,500	13,942	11,596	
1992		11,100	2,351	10,861	8,932	10,852	12,096	12,440	12,130	59,894	13,867	11,558	
1993	Person-miles of travel <sup>4</sup>	2,825,711	10,878	2,836,589	129,765	2,966,354	750,774	56,693	807,467	102,709	910,176	3,876,530	
1992	(millions)	2,785,460	10,513	2,795,973	122,091	2,918,064	722,071	53,691	775,762	99,112	874,874	3,792,938	
1993	Fuel consumed <sup>5</sup>	75,058,655	197,780	75,256,435	946,878	76,203,313	34,806,524	7,667,354	42,473,878	18,517,044	60,990,922	137,194,235	
1992	(thousand gallons)	73,823,166	191,140	74,014,306	876,743	74,891,049	33,127,094	7,178,739	40,305,833	17,691,447	57,997,280	132,888,329	
1993	Average fuel consumption per vehicle (gallons) <sup>5</sup>	513	50	501	1,447	505	851	1,717	936	10,727	1,295	693	
1992		512	47	499	1,360	503	838	1,663	919	10,691	1,275	683	
1993	Average miles traveled per gallon of fuel consumed <sup>5</sup>	21.64	50.00	21.71	6.46	21.52	14.28	7.39	13.04	5.55	10.77	16.74	
1992		21.68	50.00	21.76	6.57	21.58	14.44	7.48	13.20	5.60	10.88	16.91	

<sup>1</sup> 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 1992 have been revised based on the availability of more current data.

<sup>2</sup> Urban consists of travel on all roads and streets in urban places of 5,000 or greater population. When comparing 1992 to 1993 data, the analyst should be aware that the 1993 urban/rural split of travel has been impacted by urban boundary changes and functional reclassification.

<sup>3</sup> Stratification of the truck figures is made by the FHWA based on the 1987 Census of Transportation Truck Inventory and Use Survey (TIUS). The combinations represent approximately the number of tractor-trailers with semi-trailer(s) and a majority of the heavy single-unit trucks used regularly in combination with trailer(s). All these truck vehicle figures may be regarded as preliminary and may be revised pending further analysis of the TIUS data.

<sup>4</sup> As estimated by the FHWA using the Nationwide Personal Transportation Study, TIUS, and National Transportation Statistics Annual Report. 1992 data have been revised.

<sup>5</sup> Fuel consumption figures are derived from State fuel tax records and reflect impacts of improved tax compliance and some one-time changes in Federal and state fuel tax laws.

ANNUAL VEHICLE-MILES OF TRAVEL - 1993<sup>1</sup>  
BY FUNCTIONAL SYSTEM

Table with 19 columns: STATE, 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. Rows list states from Alabama to Wyoming, plus Total and Percent - Area. Includes notes on data sources and revisions.

ANNUAL VEHICLE-MILES OF TRAVEL - REVISED 1992<sup>1</sup>  
BY FUNCTIONAL SYSTEM

TABLE VM-2  
NOVEMBER 1994

STATE	RURAL										URBAN						TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	FREeways AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL			
Alabama	4,442	4,800	3,801	4,601	1,094	4,065	22,803	4,208	326	5,894	4,854	2,393	5,284	22,959			
Alaska	677	202	156	397	91	482	2,005	450	0	370	563	109	344	1,836			
Arizona	5,110	1,696	2,208	2,901	264	1,609	13,788	3,003	1,344	8,157	3,911	1,771	3,073	21,259			
Arkansas	3,140	3,776	2,780	3,731	500	1,121	15,048	1,758	717	2,540	1,708	654	656	8,033			
California	14,322	14,669	8,846	9,297	2,857	2,206	52,197	52,566	42,332	52,476	35,322	12,937	14,718	210,351			
Colorado 2	3,053	3,661	2,225	1,765	738	1,132	12,574	3,793	2,406	5,494	3,468	1,431	1,642	18,234			
Connecticut	1,357	1,297	1,146	1,136	271	861	6,068	6,758	2,623	3,407	3,883	1,475	2,245	20,391			
Delaware	0	1,346	242	586	81	430	2,685	989	38	1,362	609	411	798	6,892			
Dist. of Columbia	0	0	0	0	0	0	0	469	393	1,062	938	335	365	3,562			
Florida 2	10,183	11,461	4,715	3,399	1,943	3,300	35,001	12,034	4,319	23,328	14,496	9,811	20,879	84,867			
Georgia	8,419	6,221	5,594	5,716	2,020	4,202	32,172	11,889	1,646	10,686	8,773	4,309	8,429	45,732			
Hawaii	0	62	1,035	485	78	488	2,148	1,533	804	981	845	687	1,068	5,918			
Idaho	1,667	1,634	791	1,116	221	1,778	7,207	741	0	1,040	930	395	451	3,557			
Illinois	8,428	4,860	5,474	5,340	530	3,622	28,254	14,447	1,047	16,927	12,919	6,916	7,132	59,388			
Indiana	6,646	6,139	3,908	9,065	1,917	2,577	29,252	5,527	774	8,483	6,287	2,027	4,722	27,820			
Iowa	3,406	4,349	2,394	3,029	744	1,442	15,364	1,554	0	2,565	2,430	694	1,319	8,562			
Kansas	2,573	3,601	2,037	2,839	274	1,566	12,890	2,233	905	2,738	2,563	984	1,850	24,163			
Kentucky	4,737	4,032	2,337	5,262	2,308	2,717	21,393	4,384	569	3,555	3,892	1,583	2,696	16,669			
Louisiana 2	4,197	2,469	2,190	4,504	1,254	2,443	14,458	3,847	488	4,615	4,228	1,341	2,279	16,798			
Maine	1,725	1,673	1,632	2,177	733	1,024	8,962	480	95	1,144	798	421	249	3,187			
Maryland	2,913	3,279	2,452	2,088	751	1,319	12,802	9,086	3,406	7,939	4,811	2,122	1,730	29,094			
Massachusetts	2,176	1,523	1,982	1,667	397	1,046	8,791	10,733	4,490	9,681	5,456	2,665	5,332	38,557			
Michigan	5,614	6,889	5,620	9,165	1,232	2,724	19,274	12,601	3,965	15,602	11,621	3,563	5,633	84,219			
Minnesota	3,201	5,561	4,060	3,376	1,150	2,622	19,970	5,320	2,216	3,261	5,734	1,994	2,667	21,192			
Mississippi	2,951	3,506	3,141	3,684	329	3,910	17,521	1,383	185	2,933	1,932	922	1,902	26,239			
Missouri	5,504	7,294	2,828	5,968	414	2,960	24,968	8,497	2,326	7,050	4,518	1,926	3,969	53,254			
Montana	1,928	1,591	1,146	808	310	719	4,502	184	0	709	363	204	583	8,525			
Nebraska	1,994	2,341	1,867	1,326	261	1,171	8,950	734	93	1,220	703	511	703	14,621			
Nevada	1,522	1,204	414	538	385	416	4,479	1,147	579	1,492	2,099	916	185	10,897			
New Hampshire	1,330	1,096	1,691	1,288	418	552	6,355	712	448	1,005	946	333	268	3,712			
New Jersey	2,124	2,793	2,370	2,679	936	948	11,850	8,110	5,734	11,922	8,099	2,999	10,696	47,560			
New Mexico	3,659	1,981	1,416	1,494	436	2,662	11,648	1,202	2	2,838	968	583	1,211	6,804			
New York	5,381	4,929	5,714	5,165	5,904	3,249	30,342	14,475	14,327	16,871	17,550	7,800	8,516	109,881			
North Carolina	6,237	6,712	5,346	8,265	3,212	3,994	33,766	6,050	2,464	7,905	6,578	1,900	8,875	33,772			
North Dakota	1,012	1,312	494	806	184	689	4,497	188	0	528	380	178	301	6,072			
Ohio	8,276	5,239	6,028	9,334	2,316	6,236	37,429	15,929	3,608	12,057	8,696	7,002	10,500	57,792			
Oklahoma	3,705	3,186	3,256	5,027	151	2,042	17,367	3,365	1,831	3,800	4,063	1,056	3,637	17,752			
Oregon	3,812	4,907	1,661	2,933	649	1,574	15,536	2,966	971	3,220	2,672	1,236	1,325	12,390			
Pennsylvania	7,381	8,736	7,653	5,544	2,603	5,452	37,349	8,839	4,656	15,219	11,105	5,744	6,288	51,851			
Rhode Island 2	278	295	200	261	68	27	1,129	1,407	601	1,855	1,134	603	830	7,559			
South Carolina	5,945	3,590	4,775	4,113	568	2,122	21,113	2,427	589	4,872	3,588	1,647	813	35,049			
South Dakota	1,354	1,387	1,021	1,232	145	539	5,678	229	17	568	339	153	234	7,218			
Tennessee	6,603	4,572	4,165	3,122	2,460	1,679	22,601	6,473	871	8,794	5,266	2,837	3,212	27,393			
Texas	12,612	16,157	6,426	15,522	2,317	4,134	57,168	23,998	15,234	21,545	16,095	7,852	21,437	163,329			
Utah	2,309	1,180	859	881	235	478	9,942	3,321	90	2,209	2,200	966	1,769	16,307			
Vermont	1,011	688	882	1,091	169	474	4,315	284	51	420	344	208	398	6,019			
Virginia	7,511	5,560	6,959	6,989	542	3,385	29,770	8,174	2,263	8,330	7,265	2,298	5,340	63,447			
Washington	3,563	4,076	1,908	4,239	1,737	1,169	6,692	8,350	3,841	6,621	7,440	2,846	3,596	32,694			
West Virginia	2,979	1,454	2,409	3,639	378	1,183	7,832	1,169	414	1,185	927	503	448	4,646			
Wisconsin	4,236	7,128	4,901	4,801	1,075	2,876	25,017	2,988	2,216	5,172	5,611	1,291	5,333	47,628			
Wyoming	1,746	717	850	514	415	362	4,604	261	8	593	231	324	196	6,217			
Total	205,557	196,816	147,246	184,845	50,065	99,568	884,097	303,265	138,312	345,047	262,259	116,065	198,106	1,363,054			
Percent - Area	23.3	22.3	16.7	21.0	5.7	11.3	100.0	22.3	10.2	25.4	19.3	8.6	14.6	100.0			
Percent - Total	9.2	8.8	6.6	8.3	2.3	4.5	39.4	13.5	6.2	15.4	5.2	8.9	6.7	60.7			

<sup>1</sup> 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.

<sup>2</sup> Revised State estimates.

ANNUAL VEHICLE-MILES OF TRAVEL - 1993<sup>1</sup>  
FEDERAL-AID HIGHWAYS

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM<sup>2</sup>)

TABLE VM-3  
NOVEMBER 1994

OFFICE OF HIGHWAY INFORMATION MANAGEMENT

Table with columns: STATE, INTERSTATE 3, INTERMEDIATE, OTHER, FEDERAL-AID HIGHWAYS 5, FEDERAL-AID HIGHWAYS, ALL FEDERAL-AID HIGHWAYS, NON-FEDERAL-AID HIGHWAYS, ALL HIGHWAYS, TOTAL. Rows include states like Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Dist. of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and Total.

1 Travel for all systems other than Interstates are FHWA estimates based on IPIIMS and other available data.  
2 The Intermodal Surface Transportation Efficiency Act (ISTEA) of December, 1991 established the entire Principal Arterial System as the Interim National Highway System (IHWS) until the U.S. Congress approves an official NIS.  
3 Although the Interstate System is part of the NIS, its travel is shown separately.  
4 Includes the entire non-Interstate Principal Arterial System (Other Principal Arterial and Other Freeways and Expressways).  
5 Includes rural Interim and Major Collector and Urban Minor Arterial and Collector Systems.  
6 Includes rural Minor Collector and Local and Urban Local Systems.  
7 FHWA Interstate System estimates based on available traffic monitoring data.

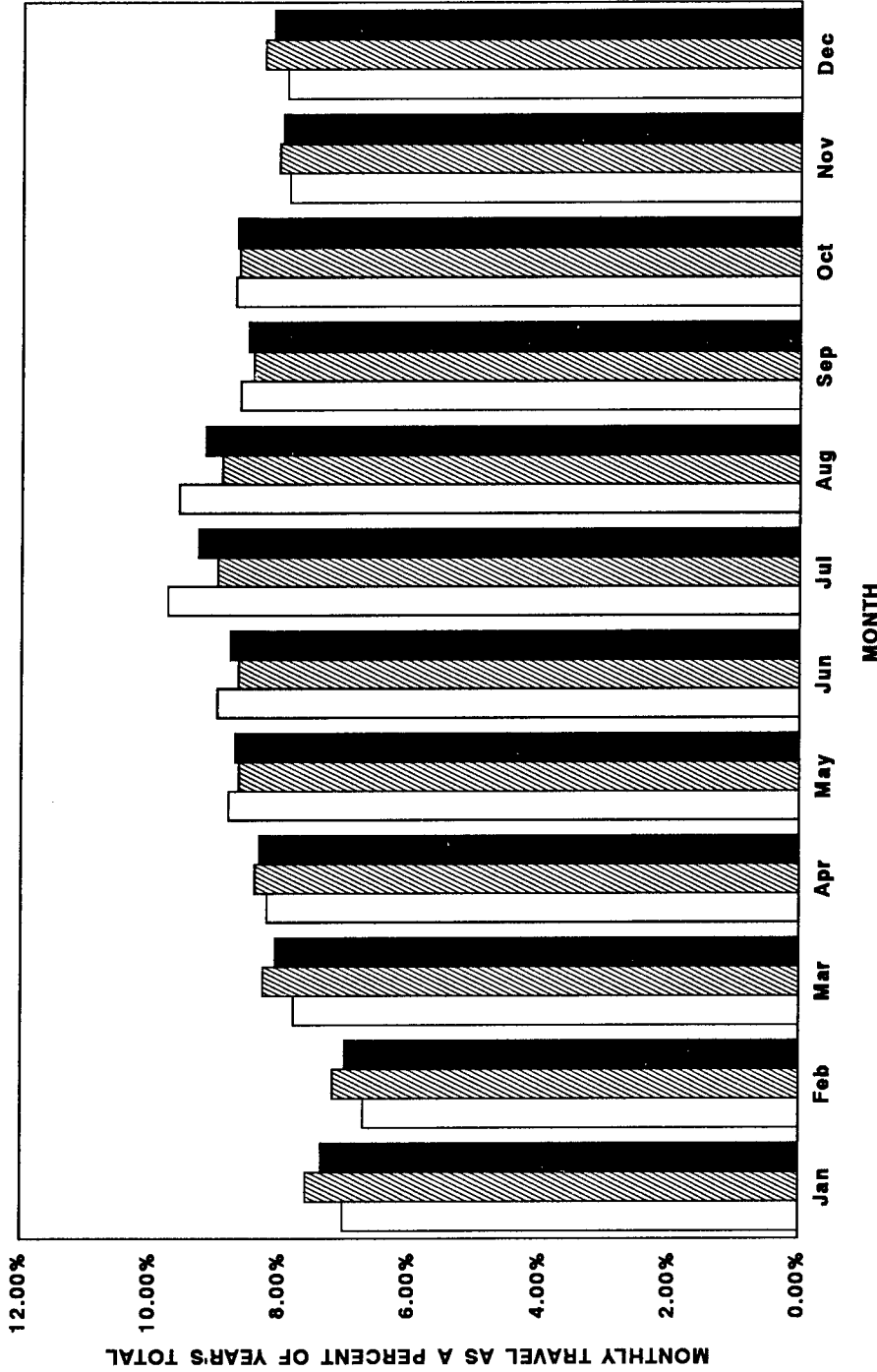
# ANNUAL VEHICLE-MILES OF TRAVEL - 1993 1 FEDERAL-AID HIGHWAYS

(CONTAINS THE PROPOSED NATIONAL HIGHWAY SYSTEM 2)

TABLE VM-3P  
NOVEMBER, 1994

STATE	PROPOSED NATIONAL HIGHWAY SYSTEM 2 (MILLIONS)																																		
	INTERSTATE 3						OTHER						FEDERAL-AID HIGHWAYS						ALL FEDERAL-AID HIGHWAYS						ALL NON-FEDERAL-AID HIGHWAYS										
	RURAL			URBAN			TOTAL	RURAL			URBAN			TOTAL	RURAL			URBAN			TOTAL	RURAL			URBAN			TOTAL	RURAL			URBAN			TOTAL
Alabama	4,638	4,451	9,089	5,011	4,598	9,609	18,699	8,625	9,247	17,871	18,274	18,296	36,570	5,345	5,422	10,767	5,345	5,422	10,767	18,274	18,296	36,570	5,345	5,422	10,767	5,345	5,422	10,767	18,274	18,296	36,570				
Alaska	700	465	1,165	246	410	656	1,821	517	809	1,326	1,684	1,684	3,368	1,684	1,684	3,368	1,684	1,684	3,368	21,976	21,976	43,952	1,684	1,684	3,368	1,684	1,684	3,368	21,976	21,976	43,952				
Arizona	5,024	3,842	8,866	2,135	3,457	5,591	14,457	4,079	16,063	20,143	11,238	23,362	34,600	1,817	1,817	3,634	1,817	1,817	3,634	11,238	23,362	34,600	1,817	1,817	3,634	1,817	1,817	3,634	11,238	23,362	34,600				
Arkansas	3,214	1,989	5,203	1,418	1,418	2,836	10,483	6,938	4,277	11,214	14,013	7,684	21,697	1,623	1,623	3,246	1,623	1,623	3,246	14,013	7,684	21,697	1,623	1,623	3,246	1,623	1,623	3,246	14,013	7,684	21,697				
California	13,917	53,585	67,502	13,757	39,566	53,323	120,825	19,104	106,408	125,512	46,778	199,559	246,337	4,984	4,984	9,968	4,984	4,984	9,968	125,512	125,512	251,024	4,984	4,984	9,968	4,984	4,984	9,968	125,512	125,512	251,024				
Colorado	3,881	4,062	7,943	2,777	5,165	7,942	15,885	4,404	8,267	12,671	11,062	17,494	28,556	2,000	2,000	4,000	2,000	2,000	4,000	11,062	17,494	28,556	2,000	2,000	4,000	2,000	2,000	4,000	11,062	17,494	28,556				
Connecticut	1,372	6,866	8,238	1,255	3,780	5,034	13,272	2,357	7,639	9,997	4,984	18,285	23,269	1,591	1,591	3,182	1,591	1,591	3,182	4,984	18,285	23,269	1,591	1,591	3,182	1,591	1,591	3,182	4,984	18,285	23,269				
Delaware	1	1,009	1,009	954	507	1,461	2,470	1,222	1,897	2,176	2,176	3,413	5,589	512	512	1,024	512	512	1,024	2,176	3,413	5,589	512	512	1,024	512	512	1,024	2,176	3,413	5,589				
Dist. of Columbia	0	477	477	0	926	926	1,403	0	1,705	1,705	3,109	3,109	3,109	0	0	0	0	0	0	3,109	3,109	6,218	0	0	0	0	0	0	3,109	3,109	6,218				
Florida	10,064	12,437	22,501	6,836	10,074	16,910	39,411	12,161	42,860	55,021	29,061	65,371	94,432	5,253	5,253	10,506	5,253	5,253	10,506	29,061	65,371	94,432	5,253	5,253	10,506	5,253	5,253	10,506	29,061	65,371	94,432				
Georgia 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hawaii 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Idaho	1,684	772	2,456	1,675	343	2,018	4,474	1,947	2,093	4,040	5,306	3,208	8,514	2,386	2,386	4,772	2,386	2,386	4,772	5,306	3,208	8,514	2,386	2,386	4,772	2,386	2,386	4,772	5,306	3,208	8,514				
Illinois	8,010	15,425	23,435	3,316	12,607	15,923	39,358	10,650	28,061	38,711	21,976	56,093	78,069	3,928	3,928	7,856	3,928	3,928	7,856	21,976	56,093	78,069	3,928	3,928	7,856	3,928	3,928	7,856	21,976	56,093	78,069				
Indiana	6,967	6,139	13,106	4,008	2,410	6,419	8,549	15,342	16,702	32,043	26,317	25,251	51,568	4,311	4,311	8,622	4,311	4,311	8,622	26,317	25,251	51,568	4,311	4,311	8,622	4,311	4,311	8,622	26,317	25,251	51,568				
Iowa	3,593	1,640	5,233	2,981	1,183	4,166	2,823	7,220	4,877	12,096	13,794	7,700	21,494	2,239	2,239	4,478	2,239	2,239	4,478	13,794	7,700	21,494	2,239	2,239	4,478	2,239	2,239	4,478	13,794	7,700	21,494				
Kansas	2,609	2,335	4,944	3,044	4,179	7,223	9,123	3,563	5,914	11,277	11,016	9,384	20,400	1,831	1,831	3,662	1,831	1,831	3,662	11,016	9,384	20,400	1,831	1,831	3,662	1,831	1,831	3,662	11,016	9,384	20,400				
Kentucky	4,801	4,581	9,382	4,549	7,732	12,281	16,643	7,677	7,865	15,542	17,027	15,178	32,205	4,988	4,988	9,976	4,988	4,988	9,976	17,027	15,178	32,205	4,988	4,988	9,976	4,988	4,988	9,976	17,027	15,178	32,205				
Louisiana	4,719	4,171	8,890	2,709	3,612	6,321	7,483	7,490	7,603	15,093	14,918	15,386	30,304	3,845	3,845	7,690	3,845	3,845	7,690	14,918	15,386	30,304	3,845	3,845	7,690	3,845	3,845	7,690	14,918	15,386	30,304				
Maine	1,753	462	2,215	1,453	577	2,030	3,296	4,152	1,884	6,036	7,358	2,923	10,281	1,633	1,633	3,266	1,633	1,633	3,266	7,358	2,923	10,281	1,633	1,633	3,266	1,633	1,633	3,266	7,358	2,923	10,281				
Maryland	2,892	9,485	12,377	3,252	4,287	7,549	13,772	7,549	14,828	19,429	10,755	28,600	39,355	2,170	2,170	4,340	2,170	2,170	4,340	10,755	28,600	39,355	2,170	2,170	4,340	2,170	2,170	4,340	10,755	28,600	39,355				
Massachusetts	2,071	10,981	13,052	1,663	9,349	11,013	3,734	9,349	2,779	14,035	16,813	34,365	40,878	1,103	1,103	2,206	1,103	1,103	2,206	16,813	34,365	40,878	1,103	1,103	2,206	1,103	1,103	2,206	16,813	34,365	40,878				
Michigan	5,852	13,105	18,957	6,348	13,186	19,536	26,293	14,596	22,864	37,460	26,796	49,157	75,953	3,998	3,998	7,996	3,998	3,998	7,996	26,796	49,157	75,953	3,998	3,998	7,996	3,998	3,998	7,996	26,796	49,157	75,953				
Minnesota	3,369	5,668	9,037	4,832	4,520	9,352	8,201	18,389	8,375	17,350	16,576	19,163	35,739	3,733	3,733	7,466	3,733	3,733	7,466	16,576	19,163	35,739	3,733	3,733	7,466	3,733	3,733	7,466	16,576	19,163	35,739				
Mississippi	3,013	1,409	4,422	3,532	1,367	4,899	6,545	7,242	4,158	11,400	13,787	6,934	20,721	4,245	4,245	8,490	4,245	4,245	8,490	13,787	6,934	20,721	4,245	4,245	8,490	4,245	4,245	8,490	13,787	6,934	20,721				
Missouri	5,750	9,392	15,142	6,509	4,756	11,264	12,289	10,076	11,871	21,948	22,335	26,019	48,354	3,013	3,013	6,026	3,013	3,013	6,026	22,335	26,019	48,354	3,013	3,013	6,026	3,013	3,013	6,026	22,335	26,019	48,354				
Montana	1,896	200	2,096	1,836	306	2,141	3,06	4,237	1,818	1,094	5,550	7,150	1,010	1,010	2,020	1,010	1,010	2,020	5,550	7,150	1,010	1,010	1,010	2,020	1,010	1,010	2,020	5,550	7,150	1,010					
Nebraska	2,054	740	2,814	2,079	1,499	3,579	4,133	3,533	2,768	6,300	7,666	5,027	12,693	1,392	1,392	2,784	1,392	1,392	2,784	6,300	7,666	13,966	1,392	1,392	2,784	1,392	1,392	2,784	6,300	7,666	13,966				
Nevada	1,579	1,052	2,631	1,210	1,184	2,394	2,789	2,789	2,336	5,025	6,426	10,186	894	894	1,788	894	894	1,788	5,025	6,426	10,186	894	894	1,788	894	894	1,788	5,025	6,426	10,186					
New Hampshire	1,364	747	2,111	1,467	937	2,404	2,831	2,207	2,279	4,486	5,038	3,958	8,996	978	978	1,956	978	978	1,956	4,486	5,038	9,524	978	978	1,956	978	978	1,956	4,486	5,038	9,524				
New Jersey	1,911	8,497	10,408	3,136	14,186	17,323	22,683	27,731	3,514	15,755	19,269	38,438	46,999	1,569	1,569	3,138	1,569	1,569	3,138	19,269	38,438	46,999	1,569	1,569	3,138	1,569	1,569	3,138	19,269	38,438	46,999				
New Mexico	3,814	1,236	5,050	2,352	943	3,294	4,133	3,294	4,133	7,427	6,166	12,593	1,254	1,254	2,508	1,254	1,254	2,508	7,427	6,166	13,593	1,254	1,254	2,508	1,254	1,254	2,508	7,427	6,166	13,593					
New York	5,457	14,512	19,969	5,075	22,022	27,097	36,534	47,066	10,591	36,603	47,194	21,123	73,137	9,350	9,350	18,700	9,350	9,350	18,700	47,194	21,123	68,317	9,350	9,350	18,700	9,350	9,350	18,700	47,194	21,123	68,317				
North Carolina	6,021	6,246	12,267	6,617	4,314	10,930	12,638	23,197	14,201	14,909	29,111	26,839	52,308	7,692	7,692	15,384	7,692	7,692	15,384	26,839	25,469	52,308	7,692	7,692	15,384	7,692	7,692	15,384	26,839	25,469	52,308				
North Dakota	1,049	195	1,244	1,152	209	1,361	2,201	2,605	1,484	872	2,356	3,685	4,961	896	896	1,792	896	896	1,792	2,356	3,685	6,041	896	896	1,792	896	896	1,792	6,041	1,792	7,833				
Ohio 4	0	0	0	0	0</																														

# MONTHLY DISTRIBUTION OF 1993 TRAVEL



□ RURAL TRAVEL    ▨ URBAN TRAVEL    ■ TOTAL TRAVEL

NOTE: Travel data source is the monthly "Traffic Volume Trends" report as generated from State highway agency provided data

DISTRIBUTION OF ANNUAL VEHICLE-MILES OF TRAVEL BY VEHICLE TYPE - 1993<sup>1</sup>  
RURAL INTERSTATE

TABLE VM-4  
SHEET 1 OF 7  
NOVEMBER 1994

STATE	PERSONAL PASSENGER VEHICLES				PASSENGER VEHICLES			TRUCKS				COMBINATION		ALL TRUCKS	ALL MOTOR VEHICLES
	PASSENGER CARS	MOTOR-CYCLES	ALL PASSENGER VEHICLES		ALL PASSENGER VEHICLES	BUSES	ALL PASSENGER VEHICLES	2-AXLE 4-TIRE	SINGLE-UNIT		SINGLE TRAILER	MULTI-TRAILER			
			ALL PASSENGER VEHICLES	PERSONAL PASSENGER VEHICLES					OTHER	ALL SINGLE-UNIT					
Alabama	54.7	0.7	55.4	0.5	56.0	13.6	3.3	16.9	25.5	1.6	44.0	100.0			
Alaska	57.0	0.4	57.4	0.5	57.9	32.4	1.8	39.7	1.8	0.6	42.1	100.0			
Arizona	57.2	0.3	57.4	0.3	57.7	20.5	5.5	26.0	14.7	1.6	42.3	100.0			
Arkansas	56.1	0.7	56.8	0.2	56.5	11.0	2.4	13.4	29.4	0.7	43.5	100.0			
California	69.2	0.0 <sup>7</sup>	69.2	0.2	69.3	13.9	3.3	17.2	10.9	2.6	30.6	100.0			
Colorado	79.3	0.0	79.3	0.0	79.3	0.0	5.3	5.3	13.6	1.8	20.7	100.0			
Connecticut	79.2	0.1	79.3	0.2	79.5	9.2	3.9	13.1	7.2	0.2	20.5	100.0			
Delaware <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
District of Columbia <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Florida	73.4	0.8	74.2	0.6	74.8	9.5	3.1	12.6	11.9	0.7	25.2	100.0			
Georgia	60.3	0.4	60.7	0.4	61.1	15.1	3.3	18.3	19.3	1.3	38.9	100.0			
Hawaii <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Idaho	45.7	1.7	47.4	0.5	47.8	29.3	2.1	31.5	17.4	3.3	52.2	100.0			
Illinois <sup>2 8</sup>	64.4	0.0	64.4	0.3	64.7	10.6	2.2	12.8	21.3	1.2	35.3	100.0			
Indiana	56.8	1.3	58.1	1.1	59.2	12.7	3.6	16.3	22.6	1.9	40.8	100.0			
Iowa <sup>3</sup>	66.8	1.2	68.0	0.5	68.5	0.0	3.3	3.3	26.9	1.3	31.5	100.0			
Kansas	61.8	0.4	62.2	0.6	62.8	14.7	3.3	18.0	19.9	2.4	37.2	100.0			
Kentucky	54.5	0.3	54.8	0.3	55.1	20.3	3.6	23.9	16.9	1.1	44.9	100.0			
Louisiana	56.2	0.2	56.4	0.2	57.0	20.8	6.3	27.1	15.9	0.0	43.0	100.0			
Maine	62.1	0.2	62.3	0.2	62.5	21.1	5.0	26.1	11.2	0.2	37.5	100.0			
Maryland <sup>2 8</sup>	63.5	0.0	63.5	0.2	63.7	12.0	5.2	17.2	18.3	0.8	36.3	100.0			
Massachusetts	73.6	0.7	74.3	0.5	74.8	12.5	3.0	15.5	9.3	0.4	25.2	100.0			
Michigan	69.8	1.0	70.8	1.4	72.2	18.6	3.1	21.7	16.6	1.8	27.8	100.0			
Minnesota <sup>2 3</sup>	86.2	0.0	86.2	0.2	86.4	0.0	2.7	2.7	10.6	0.3	13.6	100.0			
Mississippi	62.5	0.9	63.4	0.5	63.9	14.5	2.7	17.2	18.3	0.6	36.1	100.0			
Missouri <sup>2</sup>	63.0	0.0	63.0	0.7	63.7	8.4	3.6	12.0	22.0	2.3	36.3	100.0			
Montana	52.5	0.4	52.9	0.2	53.1	28.4	3.2	31.6	13.3	2.0	46.9	100.0			
Nebraska	50.0	0.1	50.1	0.2	50.3	19.8	3.7	23.6	23.6	2.6	49.7	100.0			
Nevada <sup>2 3</sup>	69.1	0.0	69.1	0.4	69.5	0.0	4.3	4.3	22.0	4.2	30.5	100.0			
New Hampshire	73.6	0.6	74.3	0.2	74.5	18.6	3.2	21.8	3.7	0.0	25.5	100.0			
New Jersey	72.1	0.1	72.2	0.3	72.5	11.8	4.5	16.3	18.4	0.1	27.5	100.0			
New Mexico	60.6	2.1	62.7	0.9	63.6	11.5	3.8	15.3	18.4	2.7	36.4	100.0			
New York	68.5	0.4	68.9	0.6	69.5	13.6	2.7	16.3	13.5	0.7	30.5	100.0			
North Carolina <sup>2</sup>	70.5	0.0	70.5	0.4	70.9	4.6	2.5	7.1	20.0	2.0	29.1	100.0			
North Dakota	63.7	0.5	64.2	0.4	64.6	17.0	4.1	21.1	13.3	1.0	35.4	100.0			
Ohio <sup>8</sup>	65.7	0.9	66.6	0.6	67.2	9.6	3.0	12.6	18.2	2.1	32.9	100.0			
Oklahoma <sup>6</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Oregon	53.9	0.2	54.1	0.2	54.3	25.6	3.9	29.5	12.4	3.8	45.7	100.0			
Pennsylvania <sup>2 5</sup>	60.5	0.0	60.5	0.0	60.5	12.0	4.5	16.5	21.7	1.3	39.5	100.0			
Rhode Island	74.5	0.1	74.6	0.2	74.8	14.0	3.0	16.9	8.3	0.7	25.2	100.0			
South Carolina	69.7	0.3	70.0	0.6	70.6	8.5	2.2	10.6	18.0	0.8	29.4	100.0			
South Dakota <sup>2 8</sup>	72.6	0.0	72.6	0.3	72.9	14.0	2.4	16.4	10.3	0.4	27.1	100.0			
Tennessee	63.7	0.7	64.4	0.6	65.0	10.9	3.0	13.9	19.8	1.3	35.0	100.0			
Texas <sup>2</sup>	60.2	0.0	60.2	0.3	60.5	16.9	3.5	20.4	18.1	1.0	39.5	100.0			
Utah <sup>2</sup>	60.5	0.0	60.5	0.1	60.6	18.3	3.3	21.6	13.7	4.1	39.4	100.0			
Vermont	78.8	1.0	79.8	0.4	80.1	12.0	2.9	14.8	5.0	0.1	19.9	100.0			
Virginia <sup>2 8</sup>	68.5	0.0	68.5	0.3	68.8	13.3	3.2	16.6	14.0	0.6	31.2	100.0			
Washington	64.6	0.1	64.7	0.3	64.9	21.5	3.1	24.6	7.8	2.6	35.1	100.0			
West Virginia	69.4	0.3	69.7	0.4	70.1	10.1	2.8	12.9	15.1	1.9	29.9	100.0			
Wisconsin	76.2	0.1	76.3	0.7	77.0	8.1	1.7	9.7	12.6	0.7	23.0	100.0			
Wyoming <sup>2</sup>	40.9	0.0	40.9	0.3	41.2	22.2	2.2	24.4	29.3	5.1	58.8	100.0			

<sup>1</sup> Data are based on State highway agency estimates reported for this functional system.  
<sup>2</sup> Data from previous year.  
<sup>3</sup> Data not available.  
<sup>4</sup> Buses included with other single-unit trucks.  
<sup>5</sup> Buses included with passenger cars.  
<sup>6</sup> Data not available.  
<sup>7</sup> Value less than or equal to 0.05 and greater than 0.  
<sup>8</sup> Data from previous year.  
<sup>9</sup> State has no highways within this functional classification.

DISTRIBUTION OF ANNUAL VEHICLE-MILES OF TRAVEL BY VEHICLE TYPE - 1993<sup>1</sup>  
RURAL OTHER PRINCIPAL ARTERIAL

TABLE VM-4  
SHEET 2 OF 7  
NOVEMBER 1994

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

STATE	(PERCENT)											
	PASSENGER VEHICLES					TRUCKS						
	PERSONAL PASSENGER VEHICLES			ALL PASSENGER VEHICLES	SINGLE-UNIT			COMBINATION		ALL TRUCKS	ALL MOTOR VEHICLES	
	PASSENGER CARS	MOTORCYCLES	ALL PERSONAL PASSENGER VEHICLES		BUSES	2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT	SINGLE TRAILER			MULTI-TRAILER
Alabama	62.8	0.5	63.3	0.1	63.4	23.0	3.7	26.8	9.5	0.3	36.6	100.0
Alaska	62.5	0.3	62.8	0.4	63.2	63.2	5.5	34.9	1.6	0.3	36.8	100.0
Arizona	56.2	0.4	56.7	0.7	57.4	27.7	4.8	32.5	7.3	0.9	40.6	100.0
Arkansas	63.2	0.3	63.5	0.4	63.9	19.0	2.9	21.9	13.4	0.8	36.1	100.0
California	69.9	0.4	70.3	0.8	71.1	14.3	2.6	16.9	10.4	1.6	28.9	100.0
Colorado	83.6	0.0	83.6	0.0	83.6	0.0	6.4	6.4	9.7	0.3	16.4	100.0
Connecticut	85.1	0.2	85.3	0.3	85.6	9.9	2.9	12.8	1.6	0.0	14.4	100.0
Delaware	71.2	0.6	71.8	1.4	73.2	20.8	3.6	24.4	2.2	0.2	26.8	100.0
District of Columbia <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida	74.2	0.6	74.8	0.6	75.3	13.5	4.1	17.6	6.7	0.4	24.7	100.0
Georgia	75.8	0.5	76.3	0.5	76.8	13.1	2.5	15.6	7.2	0.4	23.2	100.0
Hawaii <sup>8</sup>	81.8	0.5	82.4	0.4	82.7	10.2	4.7	14.9	7.2	0.0	17.2	100.0
Idaho	50.9	1.8	52.7	0.4	53.1	36.1	2.6	38.7	7.1	1.0	46.9	100.0
Illinois <sup>2 8</sup>	67.7	0.0	67.7	0.3	68.0	21.4	3.1	24.5	7.3	0.2	32.0	100.0
Indiana	66.4	0.8	67.2	0.7	67.9	16.1	3.3	19.3	12.2	0.5	32.1	100.0
Iowa <sup>3</sup>	81.9	1.6	83.5	0.5	84.0	11.1	4.6	11.1	11.1	0.3	16.0	100.0
Kansas	64.5	0.3	64.8	0.3	65.1	21.9	3.8	25.7	8.5	0.7	34.9	100.0
Kentucky	58.3	0.2	58.5	0.3	58.8	30.3	4.3	34.6	6.6	0.0	41.2	100.0
Louisiana	54.3	0.2	54.5	0.4	54.9	27.6	7.2	34.8	10.3	0.0	45.1	100.0
Maine	79.4	0.8	80.2	0.4	80.6	13.5	2.9	16.4	2.9	0.1	19.4	100.0
Maryland <sup>2 8</sup>	65.1	0.0	65.1	0.2	65.3	30.2	3.3	33.5	1.2	0.0	34.7	100.0
Massachusetts	87.9	1.1	89.0	0.3	89.4	6.9	2.0	9.0	1.6	0.1	10.6	100.0
Michigan	68.3	0.7	69.0	1.5	70.5	21.4	2.1	23.5	4.9	1.2	29.5	100.0
Minnesota <sup>2 3</sup>	86.2	0.0	86.2	0.2	86.4	0.0	3.6	3.6	7.9	0.2	11.6	100.0
Mississippi	66.8	0.5	67.3	0.6	67.9	15.9	2.4	18.3	11.5	0.3	30.1	100.0
Missouri <sup>2</sup>	72.7	0.0	72.7	0.6	73.4	13.9	3.4	17.2	8.5	0.9	26.7	100.0
Montana	55.4	0.3	55.7	0.2	55.9	34.3	3.7	38.0	5.1	1.0	44.1	100.0
Nebraska	54.2	0.1	54.3	0.2	54.6	32.4	4.1	36.5	8.7	0.2	45.4	100.0
Nevada <sup>2 3</sup>	85.5	0.0	85.5	0.5	86.0	0.0	5.4	5.4	7.3	1.3	14.0	100.0
New Hampshire	72.6	1.6	74.1	0.6	74.7	17.5	5.5	23.1	2.3	0.0	25.3	100.0
New Jersey	76.2	0.2	76.4	0.4	76.8	13.8	4.0	17.8	5.3	0.1	23.2	100.0
New Mexico	62.0	1.2	63.2	0.4	63.6	21.1	5.5	26.6	9.1	0.7	36.4	100.0
New York	71.7	0.4	72.1	0.6	72.7	16.1	3.3	19.4	7.7	0.2	27.3	100.0
North Carolina <sup>2</sup>	71.3	0.0	71.3	0.5	71.8	8.5	3.9	12.4	15.2	0.6	28.2	100.0
North Dakota	65.0	1.0	66.0	0.4	66.4	21.1	4.7	25.8	7.1	0.7	33.6	100.0
Ohio <sup>8</sup>	69.3	1.5	70.8	0.6	71.4	11.6	2.9	14.5	13.5	0.7	28.7	100.0
Oklahoma <sup>6</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oregon	57.7	0.4	58.1	0.3	58.4	30.6	4.0	34.6	5.7	1.3	41.6	100.0
Pennsylvania <sup>2 5</sup>	71.0	0.0	71.0	0.0	71.0	18.0	5.0	23.0	5.8	0.2	29.0	100.0
Rhode Island	84.4	0.1	84.5	0.3	84.8	11.7	2.8	14.5	0.7	0.0	15.2	100.0
South Carolina	80.4	1.1	81.5	0.5	82.0	10.2	2.7	12.9	4.9	0.2	18.1	100.0
South Dakota <sup>2 8</sup>	69.1	0.0	69.1	0.5	69.6	20.5	3.2	23.7	6.3	0.4	30.4	100.0
Tennessee	73.3	0.5	73.8	0.4	74.2	16.1	3.0	19.1	6.6	0.1	25.8	100.0
Texas <sup>2</sup>	61.9	0.0	61.9	0.2	62.1	23.2	4.0	27.2	10.3	0.4	37.9	100.0
Utah <sup>2</sup>	67.1	0.0	67.1	1.3	68.4	21.5	2.9	24.4	5.3	1.9	31.6	100.0
Vermont	78.2	0.5	78.7	0.4	79.2	13.4	3.1	16.5	4.3	0.1	20.8	100.0
Virginia <sup>2 8</sup>	69.1	0.0	69.1	0.8	69.9	15.8	4.2	20.0	9.8	0.2	30.1	100.0
Washington	62.5	0.0	62.5	0.2	62.7	26.8	4.3	31.1	4.7	1.5	37.2	100.0
West Virginia	76.6	0.2	76.8	0.7	77.5	12.1	3.8	15.9	6.4	0.2	22.5	100.0
Wisconsin	77.1	0.1	77.2	0.4	77.6	11.7	1.9	13.6	8.5	0.4	22.5	100.0
Wyoming <sup>2</sup>	51.1	0.0	51.1	0.3	51.4	33.9	2.9	36.8	9.6	2.2	48.6	100.0

<sup>1</sup> Data are based on State highway agency estimates reported for this functional system. <sup>4</sup> Buses included with other single-unit trucks.   
<sup>2</sup> Motorcycles included with passenger cars. <sup>5</sup> Buses included with passenger cars.   
<sup>3</sup> 2-axle, 4-tire trucks included with passenger cars. <sup>6</sup> Data not available.   
<sup>7</sup> Value less than or equal to 0.05 and greater than 0.   
<sup>8</sup> Data from previous year.   
<sup>9</sup> State has no highways within this functional classification.



DISTRIBUTION OF ANNUAL VEHICLE-MILES OF TRAVEL BY VEHICLE TYPE - 1993<sup>1</sup>  
RURAL MINOR ARTERIAL

TABLE VM-4  
SHEET 3 OF 7  
NOVEMBER 1994

STATE	PASSENGER VEHICLES										TRUCKS					ALL MOTOR VEHICLES
	PERSONAL PASSENGER VEHICLES					ALL PASSENGER VEHICLES	SINGLE UNIT					COMBINATION			ALL TRUCKS	
	PASSENGER CARS	MOTOR CYCLES	ALL PERSONAL PASSENGER VEHICLES	BUSES	ALL PASSENGER VEHICLES		2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT	SINGLE TRAILER	MULTI-TRAILER	ALL TRUCKS				
													ALL PASSENGER VEHICLES	ALL SINGLE-UNIT		
(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)	(PERCENT)		
Alabama	59.6	0.5	60.1	0.2	60.2	28.2	3.7	31.8	7.8	0.2	39.8	100.0				
Alaska	80.1	0.7	80.1	0.1	80.3	15.0	4.4	19.4	0.3	0.0	19.7	100.0				
Arizona	57.0	0.6	57.6	0.6	58.2	38.3	4.9	38.3	3.0	0.4	41.8	100.0				
Arkansas	61.4	0.2	61.6	0.7	62.3	17.8	3.0	20.8	16.2	0.7	37.7	100.0				
California	72.5	0.7	73.2	1.0	74.2	17.7	2.0	19.7	4.9	1.2	25.8	100.0				
Colorado <sup>2 3 4 8</sup>	81.8	0.0	81.8	0.0	81.8	0.0	7.6	7.6	10.5	0.1	18.2	100.0				
Connecticut	84.6	0.4	85.0	0.9	85.9	11.8	1.7	13.5	0.6	0.0	14.1	100.0				
Delaware	71.4	0.3	71.7	1.7	73.4	20.1	4.3	24.4	2.1	0.1	26.6	100.0				
District of Columbia <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Florida	76.7	0.6	77.3	0.5	77.8	13.1	4.1	17.2	4.7	0.3	22.2	100.0				
Georgia	70.8	0.9	71.7	0.7	72.4	13.1	3.3	16.4	11.1	0.1	27.6	100.0				
Hawaii <sup>6</sup>	83.1	0.5	83.7	0.4	84.1	10.5	3.4	13.8	2.0	0.1	15.9	100.0				
Idaho	53.7	1.8	55.5	0.3	55.7	37.4	2.7	40.2	3.5	0.6	44.3	100.0				
Illinois <sup>2 8</sup>	77.1	0.0	77.1	0.3	77.4	16.3	2.8	18.1	4.5	0.0	22.6	100.0				
Indiana	69.1	0.7	69.7	0.7	70.4	18.9	3.4	22.3	7.1	0.2	29.6	100.0				
Iowa <sup>3</sup>	84.0	1.6	85.6	0.6	86.2	0.0	5.3	5.3	8.2	0.3	13.8	100.0				
Kansas	59.0	0.5	59.5	0.3	59.8	27.7	4.8	32.5	7.3	0.4	40.2	100.0				
Kentucky	62.0	0.2	62.2	0.3	62.5	30.5	3.6	34.1	3.4	0.0	37.5	100.0				
Louisiana	54.3	0.3	54.6	0.6	55.2	26.0	8.6	34.6	10.3	0.0	44.8	100.0				
Maine	80.4	0.5	80.9	0.3	81.2	13.8	2.9	16.7	2.0	0.1	18.8	100.0				
Maryland <sup>8</sup>	69.1	0.1	69.2	0.6	69.8	24.0	5.3	29.3	0.9	0.0	30.2	100.0				
Massachusetts	84.5	0.4	84.9	0.6	85.5	10.0	3.0	12.9	1.6	0.0	14.5	100.0				
Michigan	70.2	0.6	70.8	1.6	72.4	21.7	2.9	23.7	3.1	0.8	27.6	100.0				
Minnesota <sup>2 3</sup>	91.7	0.0	91.7	0.2	91.9	0.0	3.9	3.9	4.1	0.0	8.1	100.0				
Mississippi	70.7	0.5	71.2	0.4	71.6	18.4	2.7	21.1	7.3	0.0	28.4	100.0				
Missouri <sup>2</sup>	73.6	0.0	73.6	0.6	74.2	17.4	3.1	20.5	5.0	0.3	25.8	100.0				
Montana	53.4	0.3	53.7	0.4	54.2	34.2	4.4	38.6	6.1	1.3	46.0	100.0				
Nebraska	51.7	0.1	51.8	0.3	52.1	35.8	5.0	40.8	7.0	0.2	47.9	100.0				
Nevada <sup>2 3</sup>	84.9	0.0	84.9	0.6	85.5	0.0	6.3	6.3	6.1	2.1	14.5	100.0				
New Hampshire	73.6	0.9	74.5	0.6	75.1	16.7	5.1	21.8	3.1	0.0	24.9	100.0				
New Jersey	75.2	0.2	75.4	0.4	75.8	17.2	4.8	22.0	2.1	0.1	24.2	100.0				
New Mexico	72.1	0.5	72.6	0.5	73.1	21.2	2.9	24.1	2.7	0.1	26.9	100.0				
New York	74.6	0.4	75.0	0.6	75.6	18.2	3.1	21.3	3.1	0.0	24.4	100.0				
North Carolina <sup>2</sup>	72.5	0.0	72.5	0.4	72.9	9.3	4.0	13.3	13.3	0.5	27.1	100.0				
North Dakota	56.6	0.8	57.4	0.3	57.7	27.9	6.2	34.1	7.8	0.4	42.3	100.0				
Ohio <sup>8</sup>	71.0	0.4	71.4	0.8	72.2	14.7	3.7	18.4	9.0	0.4	27.8	100.0				
Oklahoma <sup>6</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Oregon	59.1	0.5	59.6	0.2	59.8	31.7	3.7	35.4	3.7	1.1	40.2	100.0				
Pennsylvania <sup>2 5</sup>	64.9	0.0	64.9	0.0	64.9	27.0	5.4	32.4	2.6	0.1	36.1	100.0				
Rhode Island	91.5	0.3	91.8	0.1	91.9	5.7	1.1	6.9	1.2	0.0	8.1	100.0				
South Carolina	77.6	0.9	78.5	1.1	79.6	13.1	3.5	16.6	3.6	0.2	20.4	100.0				
South Dakota <sup>2 8</sup>	68.5	0.0	68.5	0.5	69.0	21.0	3.7	24.7	6.1	0.2	31.0	100.0				
Tennessee	75.3	0.5	75.8	0.5	76.3	19.4	2.7	19.1	4.6	0.0	23.7	100.0				
Texas <sup>2</sup>	61.4	0.0	61.4	0.3	61.7	26.1	4.1	30.2	8.0	0.1	38.3	100.0				
Utah <sup>2</sup>	66.0	0.0	66.0	0.2	66.2	22.9	3.8	26.7	5.4	1.7	33.8	100.0				
Vermont	77.3	0.7	78.0	0.4	78.4	15.2	3.4	18.6	3.0	0.1	21.6	100.0				
Virginia <sup>2 8</sup>	70.3	0.0	70.3	0.3	70.6	22.9	4.2	27.1	2.3	0.0	29.4	100.0				
Washington	63.5	0.0	63.5	0.2	63.6	27.2	4.4	31.6	3.7	1.0	36.3	100.0				
West Virginia	71.9	0.4	72.3	1.0	73.3	13.9	4.1	18.0	8.0	0.7	26.7	100.0				
Wisconsin	77.7	0.2	77.8	0.4	78.2	15.3	2.4	17.6	4.1	0.1	21.8	100.0				
Wyoming <sup>2</sup>	49.4	0.0	49.4	0.4	49.9	39.3	3.5	42.8	5.2	2.2	50.1	100.0				

1 Data are based on State highway agency estimates reported for this functional system.  
 2 Motorcycles included with passenger cars.  
 3 2-axle, 4-tire trucks included with passenger cars.  
 4 Buses included with other single-unit trucks.  
 5 Buses included with passenger cars.  
 6 Data not available.  
 7 Value less than or equal to 0.05 and greater than 0.  
 8 Data from previous year.  
 9 State has no highways within this functional classification.

DISTRIBUTION OF ANNUAL VEHICLE-MILES OF TRAVEL BY VEHICLE TYPE - 1993<sup>1</sup>  
URBAN INTERSTATE

TABLE VM-4  
SHEET 4 OF 7  
NOVEMBER 1994

STATE	PASSENGER VEHICLES										TRUCKS					ALL MOTOR VEHICLES
	PERSONAL PASSENGER VEHICLES			ALL PERSONAL PASSENGER VEHICLES	BUSES	ALL PASSENGER VEHICLES	SINGLE-UNIT			COMBINATION		ALL TRUCKS				
	PASSENGER CARS	MOTOR-CYCLES	ALL PERSONAL PASSENGER VEHICLES				2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT	SINGLE TRAILER	MULTI-TRAILER					
				(PERCENT)	(PERCENT)	(PERCENT)										
Alabama	70.3	2.3	72.6	0.1	72.7	10.5	3.8	14.3	11.8	1.2	27.3	100.0				
Alaska	84.8	0.1	84.9	0.4	85.1	11.2	3.0	14.2	0.6	0.1	14.9	100.0				
Arizona	57.8	0.5	58.3	0.4	58.7	27.9	5.2	33.2	7.5	0.6	41.3	100.0				
Arkansas	67.9	0.3	68.2	0.6	68.8	12.4	2.4	14.8	14.9	1.5	31.2	100.0				
California	86.1	0.7	86.1	0.1	86.2	8.9	2.1	11.0	2.4	0.4	13.8	100.0				
Colorado <sup>2 3 4 8</sup>	92.7	0.0	92.7	0.0	92.7	0.0	3.9	3.9	3.1	0.3	7.3	100.0				
Connecticut	82.5	0.1	82.6	0.6	83.2	9.7	2.3	12.0	4.6	0.2	16.8	100.0				
Delaware	61.8	0.8	62.6	0.9	63.5	22.0	3.2	25.2	10.2	1.1	36.5	100.0				
District of Columbia <sup>8</sup>	96.2	0.3	96.5	0.6	97.1	1.2	1.4	2.6	0.3	0.0	2.9	100.0				
Florida	81.1	0.9	82.0	0.4	82.3	9.6	2.1	11.7	5.5	0.5	17.7	100.0				
Georgia	66.4	0.1	66.5	0.3	66.7	21.9	3.0	24.9	7.9	0.5	33.3	100.0				
Hawaii <sup>8</sup>	78.2	0.5	78.7	0.6	79.3	17.9	2.1	20.1	0.6	0.1	20.8	100.0				
Idaho	59.1	1.6	60.7	0.3	61.0	29.5	1.9	31.3	6.6	1.1	39.0	100.0				
Illinois <sup>2 8</sup>	77.7	0.0	77.7	0.4	78.1	11.6	3.3	14.9	6.7	0.3	21.9	100.0				
Indiana	66.5	1.4	67.9	0.8	68.7	13.7	3.1	16.8	13.4	1.1	31.3	100.0				
Iowa <sup>3</sup>	80.0	1.3	81.3	0.5	81.8	0.0	2.9	2.9	14.5	0.8	18.2	100.0				
Kansas	68.6	0.3	68.9	0.2	69.1	22.7	2.8	25.5	5.0	0.4	30.9	100.0				
Kentucky	67.5	0.2	67.7	0.3	68.0	22.2	3.2	25.4	6.3	0.3	32.0	100.0				
Louisiana	63.2	0.1	63.4	0.5	63.8	19.2	5.8	25.0	11.2	0.0	36.2	100.0				
Maine <sup>8</sup>	74.3	0.2	74.5	0.2	74.7	18.7	3.3	22.0	3.3	0.0	25.3	100.0				
Maryland <sup>2 8</sup>	65.1	0.0	65.1	0.2	65.3	30.2	3.3	33.5	1.2	0.0	34.7	100.0				
Massachusetts	84.0	1.0	85.0	0.4	85.4	9.0	2.0	11.0	3.4	0.2	14.6	100.0				
Michigan	70.6	0.7	71.3	1.3	72.7	17.2	2.3	19.5	6.7	1.1	27.3	100.0				
Minnesota <sup>2 3</sup>	92.8	0.0	92.8	0.3	93.1	0.0	2.5	2.5	4.4	0.1	6.9	100.0				
Mississippi	67.3	0.4	67.7	0.4	68.1	13.9	2.4	16.3	15.0	0.6	31.9	100.0				
Missouri <sup>2</sup>	79.8	0.0	79.8	0.3	80.2	11.9	2.6	14.6	4.8	0.5	19.8	100.0				
Montana	66.8	0.4	67.2	0.3	67.5	20.6	2.3	22.9	8.3	1.3	32.5	100.0				
Nebraska	68.4	0.1	68.6	0.2	68.8	22.7	2.8	25.5	5.4	0.4	31.2	100.0				
Nevada <sup>2 3</sup>	90.7	0.0	90.7	0.4	91.1	0.0	3.2	3.2	4.7	1.0	8.9	100.0				
New Hampshire <sup>8</sup>	68.9	0.2	69.1	0.2	69.3	24.1	2.9	27.0	3.7	0.0	30.7	100.0				
New Jersey	74.2	0.1	74.3	0.1	74.4	13.5	4.2	17.7	7.8	0.1	25.6	100.0				
New Mexico	61.5	3.3	64.8	1.2	66.0	11.4	3.3	14.7	16.5	2.8	34.0	100.0				
New York	76.6	0.3	76.9	0.5	77.4	14.4	2.8	17.2	5.2	0.2	22.6	100.0				
North Carolina <sup>2</sup>	74.1	0.0	74.1	0.4	74.5	10.1	4.2	14.3	10.8	0.4	25.5	100.0				
North Dakota	72.3	0.7	73.0	0.3	73.3	16.9	2.7	19.6	6.8	0.3	26.7	100.0				
Ohio <sup>8</sup>	78.7	0.5	79.2	0.5	79.7	9.7	2.5	12.2	7.5	0.5	20.2	100.0				
Oklahoma <sup>6</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Oregon	64.9	0.3	65.2	0.3	65.5	26.0	2.9	28.9	4.4	1.2	34.5	100.0				
Pennsylvania <sup>2 5</sup>	73.8	0.0	73.8	0.0	73.8	12.0	4.2	16.2	9.6	0.4	26.2	100.0				
Rhode Island	79.0	0.3	79.3	0.6	79.9	10.4	3.6	14.0	5.9	0.2	20.1	100.0				
South Carolina	75.8	0.3	76.1	0.4	76.6	9.6	2.5	12.1	10.6	0.8	23.4	100.0				
South Dakota <sup>2 8</sup>	80.4	0.0	80.4	0.2	80.6	14.4	2.5	16.9	2.3	0.2	19.4	100.0				
Tennessee	69.1	0.4	69.5	0.4	69.9	17.9	2.6	20.5	9.0	0.6	30.1	100.0				
Texas <sup>2</sup>	73.0	0.0	73.0	0.2	73.2	17.4	3.4	19.8	6.6	0.4	26.8	100.0				
Utah <sup>2</sup>	73.4	0.0	73.4	0.2	73.6	17.3	2.4	20.7	4.6	1.1	26.4	100.0				
Vermont	78.7	0.8	79.4	0.3	79.7	12.9	3.1	16.0	4.2	0.0	20.2	100.0				
Virginia <sup>2 8</sup>	77.8	0.0	77.8	0.4	78.1	12.4	4.2	16.6	5.1	0.2	21.9	100.0				
Washington	69.5	0.2	69.8	0.3	70.0	23.2	2.5	25.6	3.3	1.1	30.0	100.0				
West Virginia	72.1	0.3	72.4	0.5	72.9	12.3	2.7	15.0	11.3	0.9	27.1	100.0				
Wisconsin	76.0	0.0	76.0	0.5	76.5	11.8	1.8	14.2	8.0	1.3	23.5	100.0				
Wyoming <sup>2</sup>	55.1	0.0	55.1	0.0	55.1	33.0	1.8	34.7	6.4	3.8	44.8	100.0				

<sup>1</sup> Data are based on State highway agency estimates reported for this functional system.  
<sup>2</sup> Motorcycles included with passenger cars.  
<sup>3</sup> 2-axle, 4-tire trucks included with passenger cars.  
<sup>4</sup> Buses included with other single-unit trucks.  
<sup>5</sup> Buses included with passenger cars.  
<sup>6</sup> Data not available.  
<sup>7</sup> Value less than or equal to 0.05 and greater than 0.  
<sup>8</sup> Data from previous year.

DISTRIBUTION OF ANNUAL VEHICLE-MILES OF TRAVEL BY VEHICLE TYPE - 1993<sup>1</sup>  
 URBAN OTHER FREEWAYS AND EXPRESSWAYS

TABLE VM-4  
 SHEET 6 OF 7  
 NOVEMBER 1994

OFFICE OF HIGHWAY  
 INFORMATION MANAGEMENT

STATE	PASSENGER VEHICLES					TRUCKS				ALL MOTOR VEHICLES		
	PASSENGER CARS	MOTOR-CYCLES	ALL PERSONAL PASSENGER VEHICLES	BUSES	ALL PASSENGER VEHICLES	SINGLE-UNIT			COMBINATION			
						2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT	SINGLE TRAILER		MULTI-TRAILER	ALL TRUCKS
Alabama	75.6	0.4	76.0	0.0	76.0	16.0	3.9	19.8	4.1	0.1	24.0	100.0
Alaska <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arizona	68.8	0.9	69.7	0.3	70.0	26.0	3.2	29.3	0.7	0.0	30.0	100.0
Arkansas	67.1	0.3	67.4	0.5	67.9	17.2	4.5	21.7	10.0	0.4	32.1	100.0
California	85.3	0.7	85.3	0.1	85.4	9.9	2.0	11.9	2.2	0.4	14.6	100.0
Colorado <sup>2 3 4 8</sup>	96.1	0.0	96.1	0.0	96.1	0.0	2.6	0.0	1.3	0.0	3.9	100.0
Connecticut	85.7	0.2	85.9	0.1	86.0	8.1	3.7	11.8	2.2	0.0	14.0	100.0
Delaware <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
District of Columbia <sup>8</sup>	96.1	0.4	96.5	0.6	97.1	1.1	1.5	2.6	0.3	0.0	2.9	100.0
Florida	91.5	0.2	91.7	0.2	91.8	5.6	1.3	6.9	1.3	0.1	8.2	100.0
Georgia	70.3	0.2	70.5	0.4	70.9	23.5	2.6	26.2	2.9	0.1	29.1	100.0
Hawaii <sup>8</sup>	80.5	0.4	80.9	0.8	81.7	15.6	2.1	17.7	0.6	0.7	18.3	100.0
Idaho <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Illinois <sup>2 8</sup>	83.0	0.0	83.0	0.2	83.2	10.6	2.5	13.1	3.7	0.0	16.8	100.0
Indiana	67.2	0.8	68.0	0.8	68.8	17.6	3.6	21.2	9.5	0.5	31.2	100.0
Iowa <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kansas	70.8	0.4	71.2	0.1	71.3	25.1	2.0	27.1	1.5	0.1	28.7	100.0
Kentucky	69.7	0.1	69.8	0.5	70.3	23.2	3.2	26.4	3.2	0.1	29.7	100.0
Louisiana	63.2	0.5	63.7	0.5	64.3	24.8	6.3	31.1	3.1	0.0	35.7	100.0
Maine	82.7	0.2	82.9	0.3	83.2	13.4	2.6	16.0	0.8	0.0	16.8	100.0
Maryland <sup>8</sup>	69.1	0.1	69.2	0.6	69.8	24.0	5.3	29.3	0.9	0.0	30.2	100.0
Massachusetts	85.6	1.6	87.2	0.3	87.5	7.0	2.4	9.4	3.0	0.1	12.5	100.0
Michigan	71.6	0.5	72.1	1.2	73.3	19.0	2.3	21.3	4.4	1.0	26.7	100.0
Minnesota <sup>2 3</sup>	94.6	0.0	94.6	0.2	94.8	0.0	1.9	1.9	3.2	0.1	5.2	100.0
Mississippi	78.4	0.4	78.8	0.4	79.2	16.4	1.6	18.0	2.7	0.1	20.8	100.0
Missouri <sup>2</sup>	78.5	0.0	78.5	0.4	78.9	16.0	2.5	18.5	2.4	0.2	21.1	100.0
Montana <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nebraska	68.9	0.2	69.1	0.2	69.3	24.8	2.4	27.2	3.3	0.2	30.7	100.0
Nevada <sup>2 3</sup>	91.5	0.0	91.5	0.8	92.3	0.0	3.4	3.4	3.6	0.6	7.7	100.0
New Hampshire <sup>8</sup>	60.5	0.7	61.2	0.6	61.8	29.9	5.2	35.1	3.1	0.0	38.2	100.0
New Jersey	80.8	0.2	81.0	0.6	81.6	11.2	3.8	15.0	3.4	0.0	18.4	100.0
New Mexico <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New York	75.5	0.3	75.8	0.6	76.4	15.9	2.8	18.7	4.8	0.1	23.6	100.0
North Carolina <sup>2</sup>	73.0	0.0	73.0	0.5	73.5	10.9	4.4	15.3	10.8	0.4	26.5	100.0
North Dakota <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ohio <sup>8</sup>	83.2	0.8	84.0	0.3	84.3	9.3	2.1	11.4	4.1	0.2	15.7	100.0
Oklahoma <sup>6</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oregon	70.9	0.3	71.2	0.4	71.6	23.6	2.6	26.2	1.7	0.5	28.4	100.0
Pennsylvania <sup>2 5</sup>	75.4	0.0	75.4	0.0	75.4	17.0	4.0	21.0	3.5	0.1	24.6	100.0
Rhode Island	82.2	0.4	82.6	0.6	83.2	8.7	2.6	11.4	5.4	0.1	16.8	100.0
South Carolina	90.9	0.1	91.0	0.1	91.2	6.6	1.1	7.6	1.2	0.1	8.9	100.0
South Dakota <sup>9</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tennessee	70.0	0.2	70.2	0.1	70.3	25.0	2.4	27.4	2.3	0.0	29.7	100.0
Texas <sup>2</sup>	76.0	0.0	76.0	0.1	76.1	18.2	2.4	20.6	3.2	0.1	23.9	100.0
Utah <sup>2</sup>	70.1	0.0	70.1	0.3	70.4	18.3	4.5	22.8	4.8	2.0	29.6	100.0
Vermont	81.5	0.6	82.1	0.2	82.3	11.3	3.3	14.6	3.1	0.7	17.7	100.0
Virginia <sup>2 8</sup>	85.3	0.0	85.3	0.2	85.5	10.3	2.5	12.8	1.7	0.7	14.5	100.0
Washington	65.1	0.1	65.2	0.1	65.3	27.9	3.2	31.1	2.9	0.7	34.7	100.0
West Virginia	72.7	0.5	73.2	0.5	73.7	18.2	5.1	23.2	2.5	0.6	26.3	100.0
Wisconsin	84.8	0.3	85.0	0.4	85.4	11.1	1.7	12.7	1.8	0.1	14.6	100.0
Wyoming <sup>2</sup>	58.2	0.0	58.2	0.1	58.3	33.9	1.6	35.5	3.9	2.4	41.7	100.0

<sup>1</sup> Data are based on State highway agency estimates reported for this functional system. <sup>4</sup> Buses included with other single-unit trucks.  
<sup>2</sup> Motorcycles included with passenger cars. <sup>5</sup> Buses included with passenger cars. <sup>6</sup> Data not available.  
<sup>3</sup> 2-axle, 4-tire trucks included with passenger cars. <sup>7</sup> Value less than or equal to 0.05 and greater than 0.  
<sup>8</sup> Data from previous year. <sup>9</sup> State has no highways within this functional classification.

DISTRIBUTION OF ANNUAL VEHICLE-MILES OF TRAVEL BY VEHICLE TYPE - 1993<sup>1</sup>  
URBAN OTHER PRINCIPAL ARTERIAL

TABLE VM-4  
SHEET 6 OF 7  
NOVEMBER 1994

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENT

STATE	PASSENGER VEHICLES										TRUCKS					ALL MOTOR VEHICLES
	PERSONAL PASSENGER VEHICLES			ALL PASSENGER VEHICLES	BUSES	ALL PASSENGER VEHICLES	SINGLE-UNIT			COMBINATION		ALL TRUCKS				
	PASSENGER CARS	MOTORCYCLES	ALL PASSENGER VEHICLES				2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT	SINGLE TRAILER	MULTI-TRAILER					
Alabama	72.0	0.4	72.4	0.1	72.5	21.5	2.4	23.9	3.4	0.2	27.5	100.0				
Alaska	76.0	0.2	76.2	0.3	76.6	20.5	2.3	22.8	0.6	0.1	23.4	100.0				
Arizona	58.4	0.6	59.0	0.5	59.5	31.1	5.3	36.4	4.0	0.2	40.5	100.0				
Arkansas	66.9	0.1	67.0	0.4	67.5	16.7	3.6	20.3	11.8	0.5	32.6	100.0				
California	75.9	0.6	76.5	1.0	77.5	18.1	1.4	19.5	2.6	0.4	22.5	100.0				
Colorado <sup>2 3 4 8</sup>	94.8	0.0	94.8	0.0	94.8	0.0	3.4	3.4	1.8	0.0	5.2	100.0				
Connecticut	87.4	0.3	87.7	0.4	88.1	8.8	2.3	11.1	11.9	0.8	100.0	100.0				
Delaware	82.7	0.2	82.9	0.7	83.6	12.4	1.7	14.1	2.3	0.0	16.4	100.0				
District of Columbia <sup>8</sup>	94.0	0.4	94.4	1.0	95.4	1.0	3.3	4.3	0.3	0.0	4.6	100.0				
Florida	84.1	0.8	84.9	0.4	85.3	10.1	2.5	12.6	1.9	0.2	14.7	100.0				
Georgia	71.2	0.3	71.5	0.3	71.8	22.9	2.7	25.6	2.4	0.1	28.2	100.0				
Hawaii <sup>8</sup>	76.4	1.1	77.4	0.9	78.3	16.7	3.4	20.1	1.5	0.0	21.7	100.0				
Idaho	54.5	1.3	55.8	0.3	56.1	38.4	2.2	40.5	3.0	0.4	44.0	100.0				
Illinois <sup>2 8</sup>	78.8	0.0	78.8	0.3	79.1	16.5	2.3	18.8	2.1	0.0	20.9	100.0				
Indiana	73.9	0.6	74.5	0.8	75.2	17.4	2.5	19.9	4.6	0.3	24.8	100.0				
Iowa <sup>3</sup>	89.9	1.5	91.4	0.4	91.8	0.0	3.7	3.7	4.4	0.1	8.2	100.0				
Kansas	71.8	0.4	72.2	0.2	72.4	24.7	1.9	26.6	1.0	0.0	27.6	100.0				
Kentucky	68.5	0.2	68.7	0.5	69.2	26.4	2.7	29.1	1.7	0.0	30.8	100.0				
Louisiana	61.4	0.4	61.8	1.2	63.1	25.9	5.9	31.8	5.1	0.0	36.9	100.0				
Maine	79.6	0.6	80.2	0.4	80.6	14.1	2.9	17.0	2.3	0.1	19.4	100.0				
Maryland <sup>2 8</sup>	60.0	0.0	60.0	1.5	61.5	30.1	6.6	36.7	1.8	0.0	38.5	100.0				
Massachusetts	82.3	0.5	82.8	0.3	83.1	13.5	2.5	16.0	0.9	0.1	16.9	100.0				
Michigan	75.0	0.6	75.6	1.2	76.8	18.5	1.5	20.0	2.6	0.6	23.2	100.0				
Minnesota <sup>2 3</sup>	95.5	0.0	95.5	0.3	95.7	0.0	2.6	2.6	1.7	0.1	4.3	100.0				
Mississippi	78.4	0.4	78.8	0.4	79.2	16.4	1.6	18.0	2.7	0.1	20.8	100.0				
Missouri <sup>2</sup>	82.8	0.0	82.8	0.3	83.1	12.6	2.0	14.6	2.2	0.2	16.9	100.0				
Montana	77.9	0.1	78.0	0.3	78.3	17.8	2.3	20.1	1.4	0.2	21.7	100.0				
Nebraska	69.5	0.2	69.6	0.2	69.8	26.9	1.9	28.8	1.3	0.1	30.2	100.0				
Nevada <sup>2 3</sup>	95.5	0.0	95.5	0.6	96.1	0.0	2.7	2.7	1.1	0.2	3.9	100.0				
New Hampshire	69.8	1.4	71.2	0.4	71.7	18.9	6.9	25.8	2.5	0.0	28.3	100.0				
New Jersey	79.4	0.2	79.6	0.4	80.0	12.5	4.4	16.9	3.1	0.0	20.0	100.0				
New Mexico	70.9	0.5	71.4	0.2	71.6	22.4	3.4	25.8	2.3	0.3	28.4	100.0				
New York	78.7	0.4	79.1	0.7	79.8	15.2	2.4	17.6	2.6	0.0	20.2	100.0				
North Carolina <sup>2</sup>	74.3	0.0	74.3	0.5	74.8	10.8	4.4	15.2	9.6	0.4	25.2	100.0				
North Dakota	74.7	0.8	75.5	0.2	75.7	20.3	2.6	22.9	1.3	0.1	24.3	100.0				
Ohio <sup>8</sup>	83.7	0.5	84.2	0.4	84.6	10.4	2.0	12.4	3.0	0.1	15.5	100.0				
Oklahoma <sup>6</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Oregon	65.5	0.4	65.9	0.4	66.3	29.5	2.5	32.0	1.4	0.3	33.7	100.0				
Pennsylvania <sup>2 5</sup>	75.9	0.0	75.9	0.4	75.9	18.0	4.1	22.1	2.0	0.1	24.1	100.0				
Rhode Island	89.3	0.4	89.7	0.4	90.0	7.6	1.7	9.3	0.7	0.0	9.9	100.0				
South Carolina	85.3	1.0	86.4	0.5	86.8	9.3	2.2	11.5	1.5	0.2	13.2	100.0				
South Dakota <sup>2 8</sup>	73.9	0.0	73.9	0.2	74.1	19.5	3.4	22.9	2.8	0.2	25.9	100.0				
Tennessee	76.1	0.2	76.3	0.4	76.7	19.9	2.0	21.9	1.4	0.0	23.3	100.0				
Texas <sup>2</sup>	72.9	0.0	72.9	0.2	73.1	19.4	2.7	22.1	4.7	0.1	26.9	100.0				
Utah <sup>2</sup>	74.8	0.0	74.8	0.2	75.0	17.6	3.7	21.3	3.2	0.5	25.0	100.0				
Vermont	80.7	0.7	81.3	0.3	81.6	11.9	3.2	15.2	2.7	0.5	18.4	100.0				
Virginia <sup>2 8</sup>	79.4	0.0	79.4	0.4	79.7	15.8	2.9	18.6	1.6	0.0	20.3	100.0				
Washington	65.1	0.1	65.2	0.1	65.3	27.9	3.2	31.1	2.9	0.7	34.7	100.0				
West Virginia	82.8	0.2	83.0	0.3	83.2	11.6	2.6	14.1	2.5	0.2	16.8	100.0				
Wisconsin	80.2	0.2	80.4	0.4	80.8	13.5	1.8	15.2	3.9	0.1	19.2	100.0				
Wyoming <sup>2</sup>	61.3	0.0	61.3	0.1	61.4	34.9	1.4	36.3	1.4	0.9	38.6	100.0				

<sup>1</sup> Data are based on State highway agency estimates reported for this functional system.  
<sup>2</sup> Motorcycles included with passenger cars.  
<sup>3</sup> 2-axle, 4-tire trucks included with passenger cars.  
<sup>4</sup> Buses included with other single-unit trucks.  
<sup>5</sup> Buses included with passenger cars.  
<sup>6</sup> Data not available.  
<sup>7</sup> Value less than or equal to 0.05 and greater than 0.  
<sup>8</sup> Data from previous year.

DISTRIBUTION OF ANNUAL VEHICLE-MILES OF TRAVEL BY VEHICLE TYPE - 1993<sup>1</sup>  
URBAN MINOR ARTERIAL

TABLE VM-4  
SHEET 7 OF 7  
NOVEMBER 1994

STATE	OFFICE OF HIGHWAY INFORMATION MANAGEMENT										PERCENT										ALL MOTOR VEHICLES
	PASSENGER VEHICLES					TRUCKS					COMBINATION					ALL TRUCKS					
	PERSONAL PASSENGER VEHICLES			ALL PASSENGER VEHICLES	BUSES	SINGLE-UNIT			ALL SINGLE-UNIT	SINGLE TRAILER	MULTI-TRAILER	ALL TRUCKS									
	PASSENGER CARS	MOTOR-CYCLES	ALL PERSONAL PASSENGER VEHICLES			2-AXLE 4-TIRE	OTHER	TRAILER													
Alabama	68.0	0.2	68.1	68.3	0.1	28.4	2.1	30.5	1.2	0.1	31.7		100.0								
Alaska	70.6	0.4	71.0	71.4	0.4	24.8	3.1	27.9	0.6	0.0	28.5	100.0									
Arizona	66.0	0.7	66.7	66.3	0.6	25.4	3.7	29.1	3.9	0.7	33.7	100.0									
Arkansas	77.9	0.1	78.0	78.2	0.2	18.3	2.0	20.3	1.5	0.0	21.8	100.0									
California	81.9	0.5	82.4	83.6	1.2	14.0	1.3	15.3	1.0	0.1	16.4	100.0									
Colorado 2 3 4 8	92.0	0.0	92.0	92.0	0.0	0.0	6.2	6.2	1.8	0.0	8.0	100.0									
Connecticut	87.8	0.5	88.3	88.6	0.3	9.0	1.9	10.9	0.5	0.0	11.4	100.0									
Delaware	71.5	0.4	71.9	73.2	1.3	20.2	3.3	23.5	3.0	0.3	26.8	100.0									
District of Columbia 8	92.9	0.5	93.4	94.7	1.3	1.8	3.2	5.0	0.3	0.0	5.3	100.0									
Florida	84.2	0.9	85.0	85.5	0.5	10.0	2.6	12.6	1.7	0.2	14.5	100.0									
Georgia	78.3	0.2	78.5	78.8	0.4	19.1	1.7	20.8	0.3	0.0	21.1	100.0									
Hawaii 8	87.5	0.4	87.9	88.7	0.8	7.8	2.9	10.8	0.5	0.0	11.3	100.0									
Idaho	62.6	1.0	63.6	64.0	0.4	32.1	1.9	34.0	1.8	0.2	36.0	100.0									
Illinois 2 8	82.5	0.0	82.5	82.9	0.4	13.8	2.0	15.8	1.3	0.0	17.1	100.0									
Indiana	74.8	0.4	75.2	75.8	0.6	19.4	2.6	22.1	2.1	0.1	24.2	100.0									
Iowa 3	96.8	0.9	97.7	98.0	0.3	0.0	1.6	1.6	0.4	0.0	2.0	100.0									
Kansas	71.8	0.4	72.2	72.4	0.2	25.7	1.4	27.1	0.5	0.0	27.6	100.0									
Kentucky	70.3	0.2	70.5	71.1	0.6	25.6	2.4	28.0	0.9	0.0	28.9	100.0									
Louisiana	61.5	0.4	61.8	62.8	1.0	26.9	5.9	32.8	4.4	0.0	37.2	100.0									
Maine	84.3	0.6	84.9	85.2	0.3	11.8	2.4	14.2	0.6	0.0	14.8	100.0									
Maryland 2 8	66.1	0.0	66.1	66.2	2.1	23.4	4.6	28.0	3.8	0.0	31.8	100.0									
Massachusetts	84.6	0.3	84.8	85.2	0.4	11.8	2.5	14.3	0.5	0.0	14.8	100.0									
Michigan	74.2	0.5	74.7	76.1	1.4	19.8	1.6	21.4	2.1	0.4	23.9	100.0									
Minnesota 2 3	96.5	0.0	96.5	96.7	0.1	0.0	2.2	2.2	0.0	0.0	3.3	100.0									
Mississippi	77.9	0.3	78.2	78.5	0.3	16.9	2.0	18.9	2.6	0.0	21.5	100.0									
Missouri 2	87.2	0.0	87.2	87.6	0.4	8.0	2.6	10.6	1.7	0.1	12.4	100.0									
Montana	70.2	0.8	71.0	71.4	0.4	23.4	3.5	26.9	1.6	0.1	28.6	100.0									
Nebraska	72.7	0.3	73.0	73.5	0.5	24.2	1.6	25.9	0.6	0.0	26.5	100.0									
Nevada 2 3	94.4	0.0	94.4	94.8	0.4	0.0	3.4	3.4	1.3	0.5	5.2	100.0									
New Hampshire	75.9	1.8	77.7	78.5	0.8	12.5	6.6	19.1	2.3	0.0	21.5	100.0									
New Jersey	77.2	0.2	77.4	78.3	0.9	12.6	5.7	18.3	3.4	0.0	21.7	100.0									
New Mexico	76.5	0.4	76.9	77.1	0.2	16.9	3.7	20.6	2.0	0.3	22.9	100.0									
New York	79.2	0.3	79.5	80.1	0.6	15.3	2.3	17.6	2.3	0.0	19.9	100.0									
North Carolina 2	76.1	0.0	76.1	76.6	0.5	10.6	4.4	15.0	8.1	0.3	23.4	100.0									
North Dakota	78.0	1.0	79.0	79.1	0.1	18.3	2.0	20.3	0.6	0.0	20.9	100.0									
Ohio 8	86.5	0.4	86.9	87.4	0.5	10.0	1.7	11.7	0.8	0.1	12.6	100.0									
Oklahoma 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
Oregon	72.4	0.4	72.8	73.5	0.7	24.2	1.7	25.9	0.4	0.2	26.5	100.0									
Pennsylvania 2 5	74.4	0.0	74.4	74.4	0.0	20.5	4.1	24.6	1.0	0.0	25.6	100.0									
Rhode Island	83.5	0.7	84.2	84.9	0.7	11.5	2.1	13.7	1.4	0.1	15.1	100.0									
South Carolina	82.5	3.4	85.9	87.8	2.0	8.8	1.9	10.8	1.3	0.1	12.2	100.0									
South Dakota 2 8	89.4	0.0	89.4	89.5	0.1	9.2	1.2	10.4	0.1	0.0	10.5	100.0									
Tennessee	81.1	0.3	81.4	81.7	0.3	16.2	1.5	17.7	0.6	0.0	18.3	100.0									
Texas 2	73.6	0.0	73.6	73.8	0.2	2.6	2.6	24.1	2.1	0.0	26.2	100.0									
Utah 2	80.7	0.0	80.7	80.9	0.2	12.8	3.7	16.5	2.3	0.3	19.1	100.0									
Vermont	78.0	1.4	79.4	79.9	0.5	14.7	1.4	18.1	1.9	0.2	20.1	100.0									
Virginia 8	74.6	0.1	74.8	75.2	0.4	20.4	2.9	23.3	1.5	0.0	24.8	100.0									
Washington 2	65.3	0.0	65.3	65.5	0.2	28.0	4.0	31.9	2.3	0.3	34.5	100.0									
West Virginia	82.9	0.2	83.1	83.6	0.5	11.9	2.8	14.7	1.6	0.1	16.4	100.0									
Wisconsin	80.4	1.3	81.7	82.0	0.2	14.2	2.2	16.4	1.5	0.2	18.0	100.0									
Wyoming 2	69.7	0.0	69.7	70.0	0.4	27.8	0.7	28.5	1.1	0.3	30.0	100.0									

1 Data are based on State highway agency estimates reported for this functional system. 4 Buses included with other single-unit trucks.  
 2 Motorcycles included with passenger cars. 5 Buses included with passenger cars.  
 3 2-axle, 4-tire trucks included with passenger cars. 6 Data not available.  
 7 Value less than or equal to 0.05 and greater than 0.  
 8 Data from previous year.

# MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993

## BY FUNCTIONAL SYSTEM AND FEDERAL - AID HIGHWAYS

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM)<sup>1</sup>

OFFICE OF HIGHWAY INFORMATION MANAGEMENT		PUBLIC ROAD MILEAGE		ANNUAL VEHICLE-MILES (MILLIONS)		ACCIDENTS				PERSONS INJURED <sup>2</sup>				MOST SERIOUS <sup>2</sup> INJURIES <sup>3</sup>				PEDESTRIANS INJURED							
						FATAL		NONFATAL <sup>3</sup>		FATALITIES		NONFATAL <sup>3</sup>		NUMBER		RATE <sup>5</sup>		NUMBER		RATE <sup>5</sup>		NUMBER		RATE <sup>5</sup>	
						NUMBER <sup>4</sup>	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>	NUMBER	RATE <sup>5</sup>
FUNCTIONAL SYSTEM																									
RURAL																									
Interstate	32,652		208,021	1.04	2,169	1.25	2,599	1.25	-	-	-	-	-	-	198	0.10	-	-	-	-					
Other Principal Arterial	96,201		201,031	1.94	3,898	2.33	4,675	2.33	-	-	-	-	-	-	340	0.17	-	-	-	-					
Minor Arterial	137,928		147,723	2.43	3,591	2.84	4,199	2.84	-	-	-	-	-	-	267	0.18	-	-	-	-					
Major Collector	432,675		178,149	3.00	5,345	3.38	6,022	3.38	-	-	-	-	-	-	396	0.22	-	-	-	-					
Minor Collector	282,361		48,846	3.19	1,556	3.58	1,750	3.58	-	-	-	-	-	-	100	0.20	-	-	-	-					
Local	2,119,826		103,176	3.47	3,579	3.83	3,955	3.83	-	-	-	-	-	-	351	0.34	-	-	-	-					
Subtotal - Rural	3,101,643		886,946	2.27	20,138	2.62	23,200	2.62	-	-	-	-	-	-	1,652	0.19	-	-	-	-					
URBAN																									
Interstate	12,878		315,837	0.55	1,747	0.61	1,936	0.61	-	-	-	-	-	-	367	0.12	-	-	-	-					
Other Freeways & Expressways	8,857		142,322	1.01	1,444	1.11	1,586	1.11	-	-	-	-	-	-	354	0.25	-	-	-	-					
Other Principal Arterial	52,835		356,315	1.29	4,595	1.40	4,982	1.40	-	-	-	-	-	-	1,371	0.38	-	-	-	-					
Minor Arterial	85,822		275,665	1.10	3,033	1.20	3,303	1.20	-	-	-	-	-	-	771	0.28	-	-	-	-					
Collector	85,378		121,214	0.96	1,158	1.02	1,239	1.02	-	-	-	-	-	-	240	0.20	-	-	-	-					
Local	557,308		198,286	1.83	3,635	1.95	3,869	1.95	-	-	-	-	-	-	884	0.45	-	-	-	-					
Subtotal - Urban	803,078		1,409,639	1.11	15,612	1.20	16,915	1.20	-	-	-	-	-	-	3,987	0.28	-	-	-	-					
Total	3,904,721		2,296,585	1.56	35,750	1.75	40,115	1.75	-	-	-	-	-	-	5,639	0.25	-	-	-	-					
FEDERAL-AID HIGHWAYS (RURAL & URBAN)																									
Interstate System	45,530		523,858	0.75	3,916	0.87	4,535	0.87	-	-	-	-	-	-	565	0.11	-	-	-	-					
Other National Highway System <sup>6</sup>	157,893		699,648	1.42	9,937	1.61	11,243	1.61	-	-	-	-	-	-	2,065	0.30	-	-	-	-					
Total National Highway System	203,423		1,223,506	1.13	13,853	1.29	15,778	1.29	-	-	-	-	-	-	2,630	0.21	-	-	-	-					
Other Federal - Aid Highways <sup>7</sup>	741,803		722,751	1.82	13,127	2.04	14,763	2.04	-	-	-	-	-	-	1,674	0.23	-	-	-	-					
Total Federal - Aid Highways <sup>8</sup>	945,226		1,946,257	1.39	26,980	1.57	30,541	1.57	-	-	-	-	-	-	4,304	0.22	-	-	-	-					
Total Non-Federal - Aid Highways <sup>9</sup>	2,959,495		350,308	2.50	8,770	2.73	9,574	2.73	-	-	-	-	-	-	1,335	0.38	-	-	-	-					
Total	3,904,721		2,296,585	1.56	35,750	1.75	40,115	1.75	-	-	-	-	-	-	5,639	0.25	-	-	-	-					

<sup>1</sup> The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.

<sup>2</sup> Pedestrians injured are included.

<sup>3</sup> Nonfatal injury accidents and nonfatally injured persons and most serious injured and pedestrians injured were not shown because of incomplete reporting prior to this publication.

<sup>4</sup> 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, 1993.

<sup>5</sup> Per 100 million vehicle-miles of travel.

<sup>6</sup> All non-Interstate Principal Arterials.

<sup>7</sup> Includes urban Minor Arterial and Collector and rural Minor Arterial and Major Collector Functional Systems.

<sup>8</sup> The category, Total Federal-Aid Highways, includes other Federal-Aid Highways and the National Highway System.

<sup>9</sup> Includes urban Local and rural Minor Collector and Local Functional Systems.

MOTOR VEHICLE TRAFFIC FATALITIES - 1993  
RELATED TO POPULATION, LICENSED DRIVERS, AND VEHICLE REGISTRATIONS

TABLE FI-2  
NOVEMBER 1994

STATE	POPULATION <sup>1</sup>			LICENSED DRIVERS <sup>2</sup>			REGISTERED VEHICLES <sup>3</sup>			MOST SERIOUS NONFATALITY (PERSONS) RATE <sup>4</sup>	MOST SERIOUS NONFATALITY (PERSONS) RATE <sup>4</sup>
	NUMBER (THOUSANDS)	ANNUAL VEHICLE MILES PER CAPITA	FATALITIES (PERSONS) RATE <sup>4</sup>	NUMBER	ANNUAL VEHICLE MILE PER DRIVER	FATALITIES (PERSONS) RATE <sup>4</sup>	NUMBER	ANNUAL VEHICLE MILES PER VEHICLE	FATALITIES (PERSONS) RATE <sup>4</sup>		
Alabama	4,187	11,306	0.25	3,008,575	15,734	0.35	3,390,365	13,962	0.31	6.93	
Alaska	599	6,541	0.20	437,696	8,951	0.27	489,004	8,012	0.24	0.89	
Arizona	3,936	9,947	0.20	2,623,680	14,922	0.31	2,891,589	13,539	0.28	3.25	
Arkansas	2,424	9,899	0.24	1,750,765	13,705	0.33	1,527,625	15,707	0.38	5.34	
California	31,211	8,536	0.13	20,123,481	13,239	0.21	22,823,712	11,672	0.18	0.60	
Colorado	3,566	9,175	0.16	2,891,011	12,628	0.22	3,032,088	10,791	0.18	-	
Connecticut	3,277	8,240	0.10	2,186,314	12,384	0.16	2,594,369	10,408	0.13	2.42	
Delaware	700	9,850	0.16	506,274	13,619	0.22	554,550	12,434	0.20	1.13	
Dist. Of Columbia <sup>5</sup>	578	6,029	0.10	361,068	9,452	0.16	263,637	13,219	0.22	-	
Florida <sup>5</sup>	13,679	8,807	0.19	10,762,041	11,157	0.24	10,169,556	11,846	0.26	-	
Georgia <sup>5</sup>	6,917	11,338	0.20	4,613,295	17,000	0.30	5,632,425	13,924	0.25	-	
Hawaii <sup>5</sup>	1,172	6,889	0.21	734,381	10,994	0.18	763,491	10,575	0.18	-	
Idaho	1,099	10,447	0.11	770,403	14,903	0.29	1,023,179	11,221	0.22	1.82	
Illinois <sup>5</sup>	11,697	7,668	0.12	7,462,158	12,020	0.19	8,070,464	11,114	0.17	-	
Indiana	5,712	10,585	0.16	3,790,781	15,949	0.23	4,670,301	12,946	0.19	1.12	
Iowa <sup>5</sup>	2,814	8,926	0.16	1,899,430	13,224	0.24	2,738,147	9,173	0.17	-	
Kansas	2,531	9,528	0.17	1,774,036	13,593	0.24	1,922,229	12,545	0.22	1.39	
Kentucky	3,789	10,451	0.23	2,468,992	16,038	0.35	2,629,130	15,099	0.33	0.16	
Louisiana <sup>5</sup>	4,295	8,464	0.20	2,576,701	14,108	0.34	3,166,155	11,481	0.28	-	
Maine	1,239	9,832	0.13	905,533	13,453	0.20	1,027,942	11,851	0.18	1.45	
Maryland <sup>5</sup>	4,965	8,723	0.15	3,274,392	13,227	0.20	3,389,558	12,168	0.19	-	
Massachusetts <sup>5</sup>	6,012	7,765	0.08	4,161,137	11,219	0.11	3,837,497	12,165	0.12	-	
Michigan <sup>5</sup>	9,478	9,041	0.15	6,527,401	13,127	0.22	7,398,558	11,581	0.19	-	
Minnesota	4,517	9,346	0.12	2,637,458	16,006	0.20	3,716,103	11,360	0.14	1.11	
Mississippi <sup>5</sup>	2,643	10,164	0.31	1,640,301	16,377	0.50	1,998,639	13,434	0.41	-	
Missouri <sup>5</sup>	5,234	10,474	0.18	3,472,140	15,789	0.27	4,065,686	13,484	0.23	-	
Montana <sup>5</sup>	839	10,378	0.23	530,744	16,405	0.37	939,220	9,270	0.21	-	
Nebraska	1,607	9,195	0.16	1,141,134	12,949	0.22	1,439,026	10,269	0.18	1.60	
Nevada	1,389	8,369	0.19	976,214	11,907	0.27	937,227	12,403	0.28	2.34	
New Hampshire <sup>5</sup>	1,125	9,193	0.11	868,560	11,907	0.14	958,741	10,787	0.13	-	
New Jersey <sup>5</sup>	7,879	7,580	0.10	5,458,841	10,941	0.14	5,640,875	10,588	0.14	-	
New Mexico <sup>5</sup>	1,616	11,723	0.27	1,148,230	16,499	0.38	1,420,653	13,335	0.30	-	
New York	18,197	6,168	0.10	10,326,635	10,869	0.17	10,162,501	11,045	0.18	2.25	
North Carolina <sup>5</sup>	6,945	10,006	0.20	4,724,661	14,709	0.29	5,364,571	12,954	0.26	-	
North Dakota	635	9,698	0.14	437,942	14,061	0.20	661,831	9,304	0.13	0.98	
Ohio <sup>5</sup>	11,091	8,745	0.13	7,634,742	12,704	0.19	9,278,973	10,463	0.16	-	
Oklahoma	3,231	10,996	0.21	2,336,410	15,207	0.29	2,771,353	12,520	0.24	1.78	
Oregon	3,032	9,351	0.17	2,373,138	11,947	0.22	2,624,127	10,804	0.20	1.06	
Pennsylvania	12,048	7,529	0.13	8,054,636	11,261	0.19	8,282,066	10,952	0.18	0.68	
Rhode Island	1,000	7,227	0.07	674,901	10,708	0.11	695,310	10,394	0.11	1.33	
South Carolina	3,643	9,916	0.23	2,430,511	14,863	0.35	2,683,711	13,461	0.32	2.04	
South Dakota	715	10,368	0.20	506,558	14,634	0.28	807,684	9,178	0.17	2.12	
Tennessee <sup>5</sup>	5,099	10,220	0.23	3,542,531	14,710	0.33	4,963,848	10,498	0.24	-	
Texas <sup>5</sup>	18,031	9,296	0.17	11,876,268	14,113	0.26	13,118,321	12,777	0.23	-	
Utah	1,860	9,170	0.16	1,189,593	14,338	0.25	1,334,784	12,778	0.23	3.15	
Vermont <sup>5</sup>	576	10,375	0.19	430,538	13,880	0.26	483,222	12,367	0.23	-	
Virginia <sup>5</sup>	6,491	9,866	0.14	4,579,666	14,012	0.19	5,407,735	11,867	0.16	-	
Washington	5,255	8,779	0.13	3,698,920	12,473	0.18	4,412,998	10,454	0.15	1.45	
West Virginia	1,820	9,219	0.24	1,302,081	12,886	0.33	1,345,395	12,471	0.32	6.11	
Wisconsin	5,038	9,759	0.14	3,502,341	14,038	0.20	3,814,695	12,889	0.19	1.83	
Wyoming	470	14,404	0.26	350,074	19,339	0.34	557,616	12,141	0.22	1.90	
Total	257,903	8,905	0.16	173,149,313	13,264	0.23	194,063,482	11,834	0.21	-	

<sup>1</sup> July 1, 1993, estimates from U.S. Bureau of Census.  
<sup>2</sup> Number of driver licenses shown in Table DL-1B.  
<sup>3</sup> Number of total motor vehicle registrations shown in Table MV-1 including motorcycles.  
<sup>4</sup> Rate in thousands.  
<sup>5</sup> Data not shown because of incomplete reporting prior to this publication.

## MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993

## TOTAL - RURAL AND URBAN

OFFICE OF HIGHWAY INFORMATION MANAGEMENT  
 TABLE FI-3  
 NOVEMBER 1994

STATE	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	AADT <sup>1</sup>	INJURY ACCIDENTS				PERSONS INJURED <sup>2</sup>				MOST SERIOUS INJURIES <sup>2</sup>				PEDESTRIANS INJURED			
				FATAL		NONFATAL		FATAL		NONFATAL		FATAL		NONFATAL		FATAL		NONFATAL	
				NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>
Alabama	92,209	47,337	1,406	913	29,965	63.30	1,042	2.20	44,183	93.34	23,480	49.60	80	0.17	602	1.27			
Alaska	13,849	3,918	775	89	3,814	97.35	118	3.01	5,703	146.56	436	11.13	18	0.46	160	4.08			
Arizona	55,763	39,150	1,924	704	38,416	98.13	801	2.05	63,037	161.01	9,391	23.99	139	0.36	1,445	3.69			
Arkansas	77,192	23,995	852	520	12,004	50.03	583	2.43	18,627	77.63	8,152	33.97	43	0.18	402	1.68			
California	169,201	266,408	4,314	3,686	202,656	76.07	4,163	1.56	315,184	118.31	13,713	5.15	850	0.32	16,508	6.20			
Colorado	78,721	32,718	1,139	511	28,014	85.62	559	1.71	42,839	130.93	6,280	23.26	62	0.19	1,221	3.73			
Connecticut	20,857	27,001	3,634	324	29,618	109.69	342	1.27	43,964	162.82	6,280	23.26	46	0.17	1,395	5.17			
Delaware	5,544	6,895	3,407	104	5,106	74.05	111	1.61	8,268	119.91	628	9.11	23	0.33	-	-			
Dist. Of Columbia <sup>5</sup>	1,107	3,485	8,625	55	-	-	57	1.64	-	-	-	-	26	0.75	-	-			
Florida <sup>5</sup>	112,808	120,467	2,926	2,375	2,375	-	2,635	2.19	-	-	-	-	493	0.41	-	-			
Georgia <sup>5</sup>	110,879	78,426	1,938	1,247	-	-	1,994	1.78	-	-	-	-	188	0.24	-	-			
Hawaii <sup>5</sup>	4,106	8,074	5,387	122	-	-	134	1.66	-	-	-	-	21	0.26	-	-			
Iaaho	58,835	11,481	535	196	7,294	63.53	227	1.98	11,593	100.98	1,865	16.24	11	0.10	209	1.82			
Illinois <sup>5</sup>	136,965	89,693	1,794	1,249	-	-	1,392	1.56	-	-	-	-	212	0.24	-	-			
Indiana	92,374	60,461	1,793	780	50,774	85.98	889	1.47	75,614	125.06	5,213	8.62	65	0.11	1,714	2.83			
Iowa <sup>5</sup>	112,708	25,118	611	401	-	-	459	1.83	-	-	-	-	32	0.13	-	-			
Kansas	133,256	24,115	496	375	19,940	82.69	428	1.77	30,142	124.99	2,567	11.06	25	0.10	1,139	4.72			
Kentucky	72,632	39,598	1,494	761	35,718	90.20	871	2.20	55,205	139.41	427	1.08	65	0.16	896	2.26			
Louisiana <sup>5</sup>	59,599	36,351	1,671	768	2,111	-	879	2.42	-	-	-	-	136	0.37	-	-			
Maine	22,610	12,182	1,483	168	11,529	94.64	185	1.52	16,736	137.38	1,492	12.25	20	0.16	344	2.82			
Maryland <sup>5</sup>	29,313	43,311	4,048	598	-	-	665	1.34	-	-	-	-	128	0.30	-	-			
Massachusetts <sup>5</sup>	30,563	46,684	4,185	449	70,300	150.59	475	1.02	90,401	193.64	-	-	81	0.17	2,135	4.57			
Michigan <sup>5</sup>	117,659	85,686	1,995	1,265	-	-	1,408	1.64	-	-	-	-	184	0.21	-	-			
Minnesota	129,959	42,214	890	477	1,113	30,257	71.68	538	1.27	44,987	106.57	4,139	9.80	47	0.11	1,300	3.29		
Mississippi <sup>5</sup>	72,834	26,864	1,011	697	18,903	70.37	813	3.03	33,678	125.36	-	-	70	0.26	494	1.84			
Missouri <sup>5</sup>	121,787	54,821	1,233	841	6,200	71.21	947	1.73	-	-	-	-	102	0.19	229	2.63			
Montana	69,768	8,707	342	169	-	-	195	2.24	-	-	-	-	12	0.14	-	-			
Nebraska	92,702	14,777	437	223	16,862	114.11	254	1.72	26,111	176.70	2,304	16.59	24	0.16	555	3.76			
Nevada	45,778	11,624	696	234	13,793	118.66	263	2.26	21,266	182.95	2,197	18.90	45	0.39	803	6.91			
New Hampshire <sup>5</sup>	14,938	10,342	1,897	108	-	-	121	1.17	-	-	-	-	17	0.16	-	-			
New Jersey <sup>5</sup>	59,726	59,726	4,662	722	-	-	788	1.32	-	-	-	-	193	0.32	-	-			
New Mexico <sup>5</sup>	60,812	18,945	854	386	17,828	94.10	431	2.28	28,036	147.99	-	-	67	0.35	622	3.28			
New York	111,882	112,240	2,748	1,628	192,588	171.59	1,781	1.59	291,284	259.50	22,890	20.39	439	0.39	21,082	18.78			
North Carolina <sup>5</sup>	96,028	64,493	1,983	1,228	113,911	113.91	1,389	2.00	129,684	186.61	-	-	175	0.25	2,892	4.16			
North Dakota	86,727	6,158	195	81	3,688	59.89	89	1.45	5,066	82.27	649	10.54	4	0.06	124	2.01			
Ohio <sup>5</sup>	113,823	96,992	2,335	1,330	-	-	1,482	1.53	-	-	-	-	159	0.16	-	-			
Oklahoma	112,467	35,529	865	583	29,151	82.05	671	1.89	47,320	133.19	4,934	13.89	60	0.17	723	2.03			
Oregon	96,036	28,352	809	457	20,744	73.17	524	1.85	32,719	115.40	2,773	9.78	56	0.20	698	2.46			
Pennsylvania	117,038	90,706	2,123	1,402	85,824	94.62	1,529	1.69	131,638	145.13	5,671	6.25	210	0.23	6,159	6.79			
Rhode Island	6,057	7,227	3,289	70	6,950	96.17	74	1.02	10,441	144.47	928	12.84	13	0.18	125	1.73			
South Carolina	64,198	36,125	1,543	776	27,542	76.24	846	2.34	50,348	139.37	5,484	15.18	124	0.34	1,086	3.01			
South Dakota	83,305	7,413	244	118	5,525	74.63	140	1.89	8,410	113.45	-	-	18	0.24	163	2.20			
Tennessee <sup>5</sup>	85,037	52,112	1,679	1,041	-	-	1,171	2.25	-	-	-	-	84	0.16	-	-			
Texas <sup>5</sup>	294,142	167,611	5,561	2,692	178,194	106.31	3,037	1.81	298,891	178.32	-	-	451	0.27	5,574	3.33			
Utah	40,508	17,056	1,154	259	16,824	98.64	303	1.78	25,974	152.29	4,211	24.69	31	0.18	1,788	10.48			
Vermont <sup>5</sup>	14,166	5,976	1,156	101	2,617	43.79	110	1.84	4,143	69.33	-	-	5	0.08	193	3.23			
Virginia <sup>5</sup>	68,429	46,135	1,591	792	51,499	111.63	878	1.37	-	-	-	-	113	0.18	-	-			
Washington	79,428	46,335	1,591	126	61,499	165.46	661	1.43	76,333	165.46	6,389	13.85	79	0.17	1,729	3.75			
West Virginia	35,045	16,778	1,312	370	18,240	108.71	429	2.56	28,149	167.77	8,227	49.03	33	0.20	659	3.93			
Wisconsin	110,978	49,167	1,214	626	37,394	76.06	714	1.45	55,240	112.35	6,975	14.19	55	0.11	1,999	4.07			
Wyoming	37,642	6,770	493	100	3,778	55.81	120	1.77	5,982	88.36	-	-	5	0.07	91	1.34			
Total	3,904,721	2,296,585	1,611	35,750	1,561	-	40,115	1.75	-	-	-	-	5,639	0.25	-	-			

<sup>1</sup> Annual average daily traffic.  
<sup>2</sup> Pedestrians injured are included.  
<sup>3</sup> 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, 1993.  
<sup>4</sup> Per 100 million vehicle-miles of travel.  
<sup>5</sup> Nonfatal injury accidents and nonfatal injured persons and most serious injured and pedestrians injured were not shown because of incomplete reporting prior to this publication.



MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993  
TOTAL RURAL

TABLE FI-4  
NOVEMBER 1994  
OFFICE OF HIGHWAY INFORMATION MANAGEMENT

STATE	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	AADT <sup>1</sup>	INJURY ACCIDENTS				PERSONS INJURED <sup>2</sup>				MOST SERIOUS INJURIES <sup>2</sup>				PEDESTRIANS INJURED			
				FATAL		NONFATAL		FATAL		NONFATAL		NUMBER		RATE <sup>4</sup>		FATAL		NONFATAL	
				NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>
Alabama	72,828	23,619	889	2.85	10,628	45.00	777	3.29	16,614	70.34	11,275	47.74	60	0.21	97	0.41			
Alaska	12,107	2,016	456	2.78	1,171	58.09	83	4.12	1,830	90.77	261	12.95	7	0.35	22	1.09			
Arizona	39,423	13,055	907	2.65	7,227	55.36	411	3.15	12,708	97.34	4,297	32.91	46	0.35	159	1.22			
Arkansas	69,597	15,636	616	2.72	5,489	35.10	426	3.08	8,702	55.65	4,371	27.95	23	0.15	87	0.56			
California	88,140	61,762	1,609	2.81	23,758	45.90	1,743	3.37	38,692	74.75	2,691	5.20	117	0.23	1,064	2.06			
Colorado <sup>5</sup>	65,818	13,062	544	2.34	6,905	52.86	339	2.60	11,211	85.83	-	-	18	0.14	131	1.00			
Connecticut	8,814	2,044	86	1.31	5,706	59.51	92	1.40	8,678	86.78	506	7.70	7	0.11	59	0.90			
Delaware <sup>5</sup>	3,675	2,688	2,004	1.97	1,490	55.43	56	2.08	2,568	95.54	287	10.68	6	0.22	-	-			
Dist. Of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Florida <sup>5</sup>	63,630	34,314	1,037	3.14	10,628	45.00	1,242	3.62	-	-	-	-	133	0.39	-	-			
Georgia <sup>5</sup>	84,605	32,038	2,564	1.99	4,628	35.10	732	2.28	-	-	-	-	66	0.21	-	-			
Hawaii <sup>5</sup>	2,307	2,159	380	2.22	48	2.22	58	2.69	-	-	-	-	3	0.14	-	-			
Idaho	55,419	7,692	697	2.08	3,287	42.73	187	2.43	5,675	73.78	1,216	15.81	5	0.07	58	0.75			
Illinois <sup>5</sup>	101,784	25,904	1,148	2.10	20,900	68.24	643	2.46	32,049	104.64	3,253	10.62	28	0.11	-	-			
Indiana	73,112	30,628	424	1.80	20,900	68.24	551	2.10	-	-	-	-	24	0.08	294	0.96			
Iowa <sup>5</sup>	103,490	16,033	285	1.91	307	1.91	359	2.24	-	-	-	-	13	0.08	-	-			
Kansas	123,676	12,847	965	2.10	6,178	48.09	310	2.41	9,572	74.51	1,353	10.53	10	0.08	207	1.61			
Kentucky	62,493	22,015	1,122	2.71	17,330	78.72	693	3.15	27,914	126.80	108	0.49	31	0.14	206	0.94			
Louisiana <sup>5</sup>	45,833	18,763	1,236	2.94	-	-	637	3.39	-	-	-	-	82	0.44	-	-			
Maine	19,927	8,991	2,264	1.63	6,719	74.73	147	1.81	-	-	980	10.90	12	0.13	126	1.40			
Maryland <sup>5</sup>	15,642	12,925	1,910	2.43	-	-	274	2.12	-	-	-	-	33	0.26	-	-			
Massachusetts <sup>5</sup>	10,927	7,616	943	1.22	9,448	124.05	96	1.26	12,491	164.01	-	-	11	0.14	299	3.93			
Michigan <sup>5</sup>	89,485	30,794	484	1.39	-	-	486	1.58	-	-	-	-	39	0.13	-	-			
Minnesota	115,073	20,309	761	1.65	9,356	46.07	386	1.90	14,782	72.79	1,575	7.76	18	0.09	133	0.65			
Mississippi <sup>5</sup>	64,930	18,032	657	3.26	15,920	88.29	699	3.88	28,955	160.58	-	-	49	0.27	378	2.10			
Missouri <sup>5</sup>	105,637	25,348	657	2.29	657	2.29	581	2.29	660	2.60	-	-	37	0.15	-	-			
Montana <sup>5</sup>	67,398	6,560	267	2.27	4,257	64.89	176	2.68	6,539	99.68	-	-	8	0.12	99	1.51			
Nebraska	87,648	9,058	283	1.76	5,232	57.76	203	2.24	8,582	94.74	1,284	14.18	11	0.12	107	1.18			
Nevada	41,181	4,654	310	2.60	1,863	40.03	142	3.05	3,148	67.64	607	13.04	11	0.24	43	0.92			
New Hampshire <sup>5</sup>	12,069	6,016	1,366	0.85	-	-	58	0.96	-	-	-	-	4	0.07	-	-			
New Jersey <sup>5</sup>	10,130	10,130	2,508	1.92	-	-	220	2.17	-	-	-	-	28	0.28	-	-			
New Mexico <sup>5</sup>	54,961	11,898	593	2.32	4,760	40.01	314	2.64	7,933	66.68	-	-	31	0.26	115	0.97			
New York	72,589	30,473	1,150	1.80	67,980	223.08	627	2.06	104,450	342.76	8,828	28.97	46	0.15	2,084	6.84			
North Carolina <sup>5</sup>	74,305	34,531	1,273	2.54	40,374	116.92	1,006	2.91	66,314	192.04	-	-	100	0.29	1,059	3.07			
North Dakota	84,909	4,581	148	1.44	1,291	28.18	74	1.62	1,998	43.61	361	7.88	2	0.04	29	0.63			
Ohio <sup>5</sup>	82,255	38,200	1,272	2.14	-	-	931	2.44	-	-	-	-	44	0.12	-	-			
Oklahoma	99,673	17,613	484	2.38	8,427	47.85	500	2.84	14,227	80.78	2,333	13.25	27	0.15	135	0.77			
Oregon	86,008	14,794	471	2.17	5,439	36.76	370	2.50	9,428	63.73	1,286	8.69	17	0.11	103	0.70			
Pennsylvania	84,422	38,616	1,253	2.02	27,052	70.05	860	2.23	41,535	107.56	2,728	7.06	43	0.11	420	1.09			
Rhode Island	1,334	901	1,850	1.66	478	53.05	16	1.78	746	82.80	129	14.32	1	0.11	2	0.20			
South Carolina	53,637	22,150	1,131	2.71	13,552	61.18	660	2.98	22,607	102.05	3,309	14.94	83	0.37	333	1.50			
South Dakota	81,445	5,786	195	1.85	2,445	42.26	129	2.23	3,843	66.42	947	16.37	16	0.28	57	0.99			
Tennessee <sup>5</sup>	68,516	23,475	939	2.82	-	-	661	3.21	-	-	-	-	22	0.09	-	-			
Texas <sup>5</sup>	215,010	54,555	695	1.424	2.61	36,312	66.56	3,02	61,775	113.23	-	-	138	0.25	751	1.38			
Utah	34,402	6,231	496	2.18	3,859	62.09	163	2.62	6,124	98.28	1,554	24.94	10	0.16	509	8.17			
Vermont <sup>5</sup>	12,842	4,207	898	2.33	1,646	39.13	107	2.54	2,720	64.65	-	-	5	0.12	70	1.66			
Virginia <sup>5</sup>	52,848	30,187	1,565	1.67	-	-	554	1.84	-	-	-	-	57	0.19	-	-			
Washington	62,210	14,821	683	2.52	21,318	143.84	430	2.90	32,857	221.69	2,750	18.55	26	0.18	352	2.38			
West Virginia	31,908	11,965	1,027	2.68	12,227	102.19	375	3.13	18,958	158.45	6,014	50.26	25	0.21	325	2.72			
Wisconsin	95,387	25,433	730	1.85	16,536	65.02	544	2.14	25,110	98.73	4,285	16.85	25	0.10	361	1.42			
Wyoming	35,256	5,290	411	1.44	1,856	35.09	94	1.78	3,116	58.90	629	11.89	4	0.08	19	0.36			
Total	3,101,643	886,946	783	2.27	20,138	2.27	20,138	2.27	-	-	-	-	1,652	0.19	-	-			

<sup>1</sup> Annual average daily traffic.  
<sup>2</sup> Pedestrians injured are included.  
<sup>3</sup> 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, 1993.  
<sup>4</sup> Per 100 million vehicle-miles of travel.  
<sup>5</sup> Nonfatal injury accidents and nonfatally injured persons and most serious injured and pedestrians injured were not shown because of incomplete reporting prior to this publication.

MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993  
TOTAL URBAN

TABLE FI - 5  
OFFICE OF HIGHWAY INFORMATION MANAGEMENT  
NOVEMBER 1994

STATE	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	AADT <sup>1</sup>	INJURY ACCIDENTS		PERSONS INJURED <sup>2</sup>		MOST SERIOUS INJURIES <sup>2</sup>		PEDESTRIANS INJURED		NONFATAL		FATAL		
				NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>
Alabama	19,381	23,718	3,853	239	1.01	19,337	81.53	265	1.12	12,205	51.46	30	0.13	30	0.13	
Alaska	1,742	1,902	2,971	33	1.74	2,643	38.96	35	3.873	203.63	175	9.20	11	0.58	11	0.58
Arizona	16,340	26,095	4,095	358	1.37	31,189	119.52	390	1.49	50,329	5,094	93	0.36	93	0.36	
Arkansas	7,595	8,359	3,015	94	1.12	6,515	77.94	101	1.21	9,925	45.23	20	0.24	20	0.24	
California	81,061	214,646	7,255	2,234	1.04	178,898	83.35	2,420	1.13	276,492	5.13	733	0.34	733	0.34	
Colorado <sup>5</sup>	12,903	19,656	4,174	205	1.04	21,109	107.39	220	1.12	31,628	160.91	44	0.22	44	0.22	
Connecticut	11,543	20,426	4,848	238	1.17	25,705	125.84	250	1.22	38,258	5,774	39	0.19	39	0.19	
Delaware <sup>5</sup>	1,869	4,207	6,167	51	1.21	3,616	85.95	55	1.31	5,700	8.11	17	0.40	17	0.40	
Dist. Of Columbia <sup>5</sup>	1,107	3,485	8,625	55	1.58	-	-	57	1.64	-	-	26	0.75	26	0.75	
Florida <sup>5</sup>	49,178	86,153	4,800	1,296	1.50	-	-	1,393	1.62	-	-	360	0.42	360	0.42	
Georgia <sup>5</sup>	26,274	46,388	4,837	608	1.31	-	-	662	1.43	-	-	122	0.26	122	0.26	
Hawaii <sup>5</sup>	1,799	5,915	9,008	74	1.25	-	-	76	1.28	-	-	18	0.30	18	0.30	
Idaho	3,416	3,789	3,039	36	0.95	4,007	105.75	40	1.06	5,918	17.13	6	0.16	6	0.16	
Illinois <sup>5</sup>	35,181	63,789	4,968	704	1.10	-	-	756	1.19	-	-	184	0.29	184	0.29	
Indiana	19,262	29,833	4,243	229	0.77	29,874	100.14	246	0.82	43,565	146.03	41	0.14	41	0.14	
Iowa <sup>5</sup>	9,218	9,085	2,700	94	1.03	-	-	100	1.10	-	-	19	0.21	19	0.21	
Kansas	9,680	11,268	3,222	105	0.93	13,762	122.13	118	1.05	20,570	182.55	15	0.13	15	0.13	
Kentucky	10,139	17,583	4,751	165	0.94	18,388	104.58	178	1.01	27,291	155.21	34	0.19	34	0.19	
Louisiana <sup>5</sup>	13,766	17,588	3,500	217	1.23	-	-	242	1.38	-	-	54	0.31	54	0.31	
Maine	2,583	3,191	3,385	21	0.66	4,810	150.74	22	0.69	6,811	213.44	8	0.25	8	0.25	
Maryland <sup>5</sup>	13,671	30,386	6,089	355	1.17	-	-	391	1.29	-	-	95	0.31	95	0.31	
Massachusetts <sup>5</sup>	19,636	39,068	5,451	356	0.91	60,852	155.76	379	0.97	77,910	199.42	70	0.18	70	0.18	
Michigan <sup>5</sup>	28,174	54,892	5,338	838	1.53	-	-	922	1.68	-	-	145	0.26	145	0.26	
Minnesota	14,866	21,905	4,032	142	0.65	20,901	95.42	152	0.72	30,205	137.89	29	0.13	29	0.13	
Mississippi <sup>5</sup>	7,904	8,832	3,061	110	1.25	2,983	33.77	114	1.29	4,723	53.48	21	0.24	21	0.24	
Missouri <sup>5</sup>	16,180	29,473	5,000	260	0.88	-	-	287	0.97	-	-	65	0.22	65	0.22	
Montana <sup>5</sup>	2,380	2,147	2,472	20	0.93	1,943	90.50	19	0.88	2,811	130.93	4	0.19	4	0.19	
Nebraska	5,054	5,719	3,100	47	0.82	11,630	203.36	51	0.89	17,529	306.50	13	0.23	13	0.23	
Nevada	4,597	6,970	4,154	113	1.62	11,930	171.16	121	1.74	18,118	269.94	34	0.49	34	0.49	
New Hampshire <sup>5</sup>	2,869	4,326	4,131	57	1.32	-	-	63	1.46	-	-	13	0.30	13	0.30	
New Jersey <sup>5</sup>	24,029	49,596	5,655	630	1.07	-	-	568	1.15	-	-	165	0.33	165	0.33	
New Mexico <sup>5</sup>	5,851	7,047	3,300	110	1.56	13,068	185.44	117	1.66	20,103	285.27	36	0.51	36	0.51	
New York	39,293	81,767	5,701	1,081	1.32	124,608	152.39	1,154	1.41	186,814	228.47	393	0.48	393	0.48	
North Carolina <sup>5</sup>	21,723	34,962	4,409	350	1.00	38,783	110.93	383	1.10	63,370	181.25	75	0.21	75	0.21	
North Dakota	1,181	1,577	2,377	15	0.95	2,397	152.00	15	0.95	3,068	194.55	2	0.13	2	0.13	
Ohio <sup>5</sup>	31,568	58,792	5,102	514	0.87	-	-	551	0.94	-	-	115	0.20	115	0.20	
Oklahoma	12,794	17,916	3,837	163	0.91	20,724	115.67	171	0.95	33,093	184.71	33	0.18	33	0.18	
Oregon	10,028	13,558	3,704	136	1.00	15,305	112.89	154	1.14	23,291	171.79	39	0.29	39	0.29	
Pennsylvania	32,616	52,090	4,376	622	1.19	58,772	112.83	669	1.28	90,103	172.98	167	0.32	167	0.32	
Rhode Island	4,723	6,326	3,670	55	0.87	6,472	102.31	58	0.92	9,695	153.26	12	0.19	12	0.19	
South Carolina	10,521	13,975	3,639	175	1.25	13,990	100.11	186	1.33	27,741	198.50	41	0.29	41	0.29	
South Dakota	1,860	1,627	2,997	11	0.68	3,080	189.31	11	0.68	4,567	280.70	62	0.12	62	0.12	
Tennessee <sup>5</sup>	16,521	28,637	4,749	380	1.33	-	-	417	1.46	-	-	2	0.22	2	0.22	
Texas <sup>5</sup>	79,132	113,056	3,914	1,268	1.12	141,882	125.50	1,398	1.23	237,116	209.73	313	0.28	313	0.28	
Utah	6,106	10,828	4,857	123	1.14	12,955	119.68	140	1.29	19,850	183.37	21	0.19	21	0.19	
Vermont <sup>5</sup>	1,324	1,769	3,661	3	0.17	971	54.89	3	0.17	1,423	80.44	0	0.00	0	0.00	
Virginia <sup>5</sup>	15,581	33,984	5,976	289	0.85	-	-	324	0.95	-	-	55	0.16	55	0.16	
Washington	17,218	31,314	4,983	205	0.65	30,181	96.38	231	0.74	43,476	138.84	53	0.17	53	0.17	
West Virginia	3,137	4,813	4,203	49	1.02	6,013	124.93	54	1.12	9,191	190.96	8	0.17	8	0.17	
Wisconsin	15,591	23,734	4,171	185	0.65	20,888	87.88	170	0.72	30,130	126.95	30	0.13	30	0.13	
Wyoming	2,386	1,480	1,699	24	1.62	-	-	26	1.76	-	-	1	0.07	1	0.07	
Total	803,078	1,409,639	4,809	15,612	1.11	-	-	16,915	1.20	-	-	3,987	0.28	3,987	0.28	

<sup>1</sup> Annual average daily traffic.

<sup>2</sup> Pedestrians injured are included.

<sup>3</sup> 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, 1993.

<sup>4</sup> Per 100 million vehicle-miles of travel.  
<sup>5</sup> Nonfatal injury accidents and nonfatally injured persons and most serious injured and pedestrians injured were not shown because of incomplete reporting prior to this publication.

MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993  
RURAL INTERSTATE

OFFICE OF HIGHWAY INFORMATION MANAGEMENT		INJURY ACCIDENTS										PERSONS INJURED <sup>2</sup>				MOST SERIOUS INJURIES <sup>2</sup>				PEDESTRIANS INJURED				NOVEMBER 1994	
		PUBLIC ROAD MILEAGE		ANNUAL VEHICLE-MILES (MILLIONS)		AADT <sup>1</sup>		FATAL		NONFATAL		FATAL		NONFATAL		FATAL		NONFATAL		FATAL		NONFATAL			
		STATE						NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>	NUMBER	RATE <sup>4</sup>
Alabama <sup>5</sup>	602	4,638	21,108	1.23	823	17.74	57	1.23	823	17.74	69	1.49	1,350	29.11	6	0.13	909	19.60	6	0.13	4	0.00	4	0.57	
Alaska	1,033	700	1,857	3.00	361	51.57	21	5.17	361	51.57	39	5.57	579	82.71	0	0.00	91	13.00	0	0.00	14	0.28	14	0.28	
Arizona	987	5,024	13,946	1.53	1,601	31.87	77	1.85	1,601	31.87	93	2.28	2,882	57.36	4	0.31	971	19.33	4	0.31	3	0.09	3	0.09	
Arkansas	412	3,214	21,373	1.09	326	10.14	35	1.31	326	10.14	42	1.31	534	16.61	1	0.09	285	8.87	1	0.09	3	0.09	3	0.09	
California <sup>5</sup>	1,956	13,917	28,119	1.60	2,607	18.73	222	1.98	2,607	18.73	276	2.09	4,980	35.78	19	0.14	392	2.82	19	0.14	60	0.43	60	0.43	
Colorado	788	3,881	13,845	1.91	1,299	33.47	74	2.09	1,299	33.47	81	2.28	2,260	58.23	3	0.08	9	0.66	3	0.08	36	0.93	36	0.93	
Connecticut	101	1,372	37,217	0.44	275	20.04	6	0.44	275	20.04	6	0.44	418	30.47	1	0.09	0	0.00	1	0.09	3	0.22	3	0.22	
Delaware	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dist. Of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida <sup>5</sup>	1,019	10,004	27,058	1.14	115	1.14	115	1.14	115	1.14	144	1.43	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia <sup>5</sup>	809	8,172	27,675	0.82	67	0.82	67	0.82	67	0.82	81	0.99	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho	532	1,684	8,672	1.37	400	23.75	23	1.37	400	23.75	24	1.43	760	45.13	0	0.00	198	11.76	0	0.00	4	0.24	4	0.24	
Illinois <sup>5</sup>	1,421	8,010	15,443	0.89	1,440	20.67	71	0.89	1,440	20.67	86	1.07	1,165	56.25	5	0.06	730	10.48	5	0.06	7	0.12	7	0.12	
Indiana	635	6,967	23,137	0.66	1,440	20.67	46	0.66	1,440	20.67	56	0.80	2,207	31.68	3	0.43	0	0.00	3	0.43	67	0.96	67	0.96	
Iowa <sup>5</sup>	636	3,593	15,478	0.64	532	30.35	23	0.64	532	30.35	28	0.78	762	43.47	1	0.09	99	5.65	1	0.09	4	0.23	4	0.23	
Kansas	698	2,609	10,241	0.69	585	22.42	18	0.69	585	22.42	19	0.73	941	36.07	4	0.15	161	6.17	4	0.15	13	0.50	13	0.50	
Kentucky	540	4,801	24,358	0.75	786	16.37	36	0.75	786	16.37	43	0.90	1,327	27.64	2	0.04	2	0.04	2	0.04	5	0.10	5	0.10	
Louisiana <sup>5</sup>	608	4,719	21,284	1.17	552	30.35	55	1.17	552	30.35	65	1.38	863	54.65	4	0.25	0	0.00	4	0.25	4	0.23	4	0.23	
Maine	312	1,753	15,993	0.86	9	0.31	9	0.86	9	0.31	9	0.31	0	0	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
Maryland <sup>5</sup>	227	2,892	34,904	0.31	926	44.71	7	0.34	926	44.71	7	0.34	1,165	56.25	1	0.05	32	1.55	1	0.05	32	1.55	32	1.55	
Massachusetts <sup>5</sup>	162	2,071	35,025	0.72	42	0.72	42	0.72	42	0.72	46	0.79	821	24.37	4	0.12	38	1.13	4	0.12	2	0.06	2	0.06	
Michigan <sup>5</sup>	741	5,852	21,637	0.93	543	16.12	11	0.93	543	16.12	14	0.42	2,272	108.60	4	0.13	0	0.00	4	0.13	2	0.07	2	0.07	
Minnesota	681	3,369	13,554	2.06	1,681	55.79	62	2.06	1,681	55.79	79	2.62	3,272	208.60	7	0.16	0	0.00	7	0.16	3	0.16	3	0.16	
Mississippi <sup>5</sup>	558	3,013	14,794	1.22	611	32.23	70	1.22	611	32.23	83	1.44	947	49.95	3	0.16	137	6.67	3	0.16	10	0.49	10	0.49	
Missouri <sup>5</sup>	812	5,760	19,401	0.83	444	21.62	31	0.83	444	21.62	33	0.88	766	43.47	2	0.10	156	9.88	2	0.10	10	0.49	10	0.49	
Montana <sup>5</sup>	1,137	1,896	4,569	0.60	171	16.30	4	0.60	171	16.30	4	0.38	258	24.59	6	0.07	0	0.00	6	0.07	0	0.00	0	0.00	
Nebraska <sup>5</sup>	437	2,054	12,877	0.80	69	0.80	69	0.80	69	0.80	75	0.87	863	54.65	4	0.25	5	0.32	4	0.25	5	0.32	5	0.32	
Nevada	480	1,579	9,013	1.04	470	29.77	42	1.04	470	29.77	48	0.73	853	54.65	4	0.25	0	0.00	4	0.25	5	0.32	5	0.32	
New Hampshire <sup>5</sup>	176	1,344	21,233	0.51	0	0	0	0.51	0	0	0	0.58	0	0	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
New Jersey <sup>5</sup>	113	1,911	46,333	0.52	855	22.42	10	0.52	855	22.42	11	0.58	1,462	38.33	3	0.08	0	0.00	3	0.08	9	0.24	9	0.24	
New Mexico <sup>5</sup>	907	3,814	11,521	1.81	2,175	39.86	69	1.81	2,175	39.86	83	2.18	1,462	38.33	3	0.08	0	0.00	3	0.08	9	0.24	9	0.24	
New York	797	5,457	18,759	0.35	2,175	39.86	19	0.35	2,175	39.86	24	0.44	2,807	46.94	1	0.02	212	3.88	1	0.02	50	0.92	50	0.92	
North Carolina <sup>5</sup>	633	6,021	26,060	1.08	1,006	16.71	65	1.08	1,006	16.71	88	1.46	1,808	30.03	8	0.13	8	0.13	8	0.13	8	0.13	8	0.13	
North Dakota	531	1,049	5,412	0.38	171	16.30	4	0.38	171	16.30	4	0.38	258	24.59	2	0.10	27	2.57	2	0.10	2	0.19	2	0.19	
Ohio <sup>5</sup>	847	8,579	27,750	0.80	69	0.80	69	0.80	69	0.80	75	0.87	863	54.65	6	0.07	0	0.00	6	0.07	0	0.00	0	0.00	
Oklahoma	715	3,855	14,772	1.04	708	18.37	40	1.04	708	18.37	54	1.40	1,272	33.00	2	0.05	244	6.33	2	0.05	4	0.10	4	0.10	
Oregon	581	3,735	17,613	0.96	475	12.72	36	0.96	475	12.72	39	1.04	843	22.57	3	0.08	101	2.70	3	0.08	7	0.19	7	0.19	
Pennsylvania	1,079	7,562	19,201	0.60	1,788	23.64	45	0.60	1,788	23.64	59	0.78	2,949	39.00	3	0.04	199	2.10	3	0.04	19	0.25	19	0.25	
Rhode Island <sup>5</sup>	21	293	38,226	1.02	45	15.36	3	1.02	45	15.36	3	1.02	72	24.57	0	0.00	15	5.12	0	0.00	1	0.34	1	0.34	
South Carolina	668	6,214	25,486	0.89	663	10.67	55	0.89	663	10.67	64	1.03	1,135	18.28	6	0.10	220	3.54	6	0.10	14	0.23	14	0.23	
South Dakota	631	1,456	6,322	1.03	356	24.45	15	1.03	356	24.45	20	1.37	569	39.08	3	0.21	169	11.61	3	0.21	5	0.34	5	0.34	
Tennessee <sup>5</sup>	740	7,070	26,175	0.98	69	0.98	69	0.98	69	0.98	81	1.15	1,135	18.28	2	0.03	0	0.00	2	0.03	42	0.35	42	0.35	
Texas <sup>5</sup>	2,203	12,003	14,927	1.36	2,975	24.79	163	1.36	2,975	24.79	193	1.61	5,340	44.49	29	0.24	0	0.00	29	0.24	42	0.35	42	0.35	
Utah	769	2,427	8,647	2.02	740	30.49	49	2.02	740	30.49	61	2.51	1,336	55.05	4	0.16	414	17.06	4	0.16	8	0.33	8	0.33	
Vermont <sup>5</sup>	280	1,004	9,824	1.49	129	12.85	15	1.49	129	12.85	15	1.49	209	20.82	2	0.20	0	0.00	2	0.20	1	0.10	1	0.10	
Virginia <sup>5</sup>	788	7,502	26,431	0.86	65	0.86	65	0.86	65	0.86	71	0.93	0	0	0	0.00	695	18.52	0	0.00	12	0.16	12	0.16	
Washington	501	3,759	20,556	1.09	874	23.25	44	1.09	874	23.25	44	1.17	1,398	37.19	5	0.13	0	0.00	5	0.13	12	0.32	12	0.32	
West Virginia	456	2,995	17,994	1.27	765	26.54	38	1.27	765	26.54	44	1.47	1,182	39.47	3	0.10	395	13.19	3	0.10					

MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993

URBAN INTERSTATE

TABLE FI-7  
OFFICE OF HIGHWAY INFORMATION MANAGEMENT NOVEMBER 1994

STATE	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	AADT <sup>1</sup>	INJURY ACCIDENTS				PERSONS INJURED <sup>2</sup>				MOST SERIOUS INJURIES <sup>2</sup>				PEDESTRIANS INJURED			
				FATAL		NONFATAL		FATAL		NONFATAL		FATAL		NONFATAL		FATAL		NONFATAL	
				NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>	NUMBER <sup>3</sup>	RATE <sup>4</sup>
Alabama	297	4,451	41,059	32	0.72	934	20.98	32	0.72	1,279	0.29	681	15.30	4	0.09	-	-		
Alaska	54	465	23,592	7	1.51	277	59.57	8	1.72	391	8.84	18	3.87	2	0.43	12	2.58		
Arizona	202	3,842	52,109	27	0.70	2,340	60.91	30	0.78	3,875	1.01	392	10.20	3	0.08	32	0.83		
Arkansas	131	1,989	41,598	7	0.35	443	22.27	9	0.45	673	0.34	309	15.54	2	0.10	9	0.45		
California	1,067	53,585	137,890	249	0.46	13,950	26.03	274	0.51	22,469	0.42	892	1.66	77	0.14	197	0.37		
Colorado	186	4,062	59,832	33	0.81	2,273	55.96	33	0.81	3,384	0.83	-	-	4	0.10	30	0.74		
Connecticut	242	6,866	77,731	44	0.64	2,598	37.84	45	0.66	3,848	0.56	169	2.46	5	0.07	45	0.66		
Delaware	41	1,009	67,424	8	0.79	21.6	21.41	9	0.89	402	0.40	22	2.18	4	0.40	-	-		
Dist. Of Columbia	14	477	93,346	3	0.63	-	-	3	0.63	-	-	-	-	1	0.21	-	-		
Florida	424	12,437	80,563	96	0.77	-	-	108	0.87	-	-	-	-	13	0.10	-	-		
Georgia	434	12,853	81,138	48	0.37	-	-	53	0.41	-	-	-	-	11	0.09	-	-		
Hawaii	44	1,526	95,019	10	0.66	-	-	10	0.66	-	-	-	-	0	0.07	-	-		
Idaho	79	772	26,773	7	0.91	187	24.22	8	1.04	288	0.37	58	7.51	0	0.00	2	0.26		
Illinois	630	15,425	67,080	91	0.59	-	-	97	0.63	-	-	16	0.26	19	0.12	8	0.13		
Indiana	313	6,139	53,735	28	0.46	770	12.54	30	0.49	1,089	0.18	-	-	4	0.07	-	-		
Iowa	147	1,640	30,566	17	1.04	-	-	17	1.04	-	-	-	-	2	0.12	-	-		
Kansas	173	2,335	36,978	11	0.47	963	41.24	13	0.56	1,352	0.58	121	5.18	1	0.04	7	0.30		
Kentucky	221	4,581	56,790	15	0.33	1,256	27.42	15	0.33	1,946	0.42	6	0.13	1	0.02	2	0.04		
Louisiana	263	4,171	43,450	21	0.50	-	-	28	0.67	-	-	-	-	2	0.05	-	-		
Maine	54	462	23,440	1	0.22	286	61.90	1	0.22	366	0.79	37	8.01	0	0.00	1	0.22		
Maryland	255	9,485	101,907	47	0.50	-	-	52	0.55	-	-	-	-	11	0.12	-	-		
Massachusetts	403	10,981	74,562	37	0.34	3,269	29.77	42	0.38	4,146	0.98	-	-	5	0.05	83	0.76		
Michigan	499	13,105	71,952	52	0.40	-	-	62	0.47	-	-	-	-	9	0.07	-	-		
Minnesota	233	5,638	66,647	18	0.32	1,750	30.88	18	0.32	2,426	0.44	58	1.02	2	0.04	20	0.35		
Mississippi	127	1,409	30,396	12	0.85	325	23.07	15	1.06	622	0.43	-	-	0	0.00	4	0.28		
Missouri	366	9,392	70,305	58	0.62	-	-	69	0.73	-	-	-	-	18	0.19	-	-		
Montana	53	200	10,339	0	0.00	90	45.00	0	0.00	126	0.63	-	-	0	0.00	2	1.00		
Nebraska	44	760	47,323	3	0.39	422	55.53	3	0.39	603	0.79	37	4.87	0	0.00	2	0.26		
Nevada	65	1,052	44,341	6	0.57	1,014	96.39	7	0.67	1,589	1.51	52	4.94	0	0.00	20	1.90		
New Hampshire	48	742	42,582	5	0.67	-	-	6	0.67	-	-	-	-	0	0.00	-	-		
New Jersey	300	8,497	77,598	43	0.51	-	-	52	0.61	-	-	-	-	9	0.11	-	-		
New Mexico	91	1,236	37,212	11	0.89	766	61.97	11	0.89	1,165	0.94	-	-	3	0.24	-	-		
New York	703	14,512	56,556	68	0.47	7,975	54.95	74	0.51	11,863	0.82	893	6.15	16	0.11	116	0.80		
North Carolina	337	6,246	50,778	35	0.56	1,819	29.12	43	0.69	3,074	0.49	-	-	6	0.10	6	0.10		
North Dakota	40	195	13,356	2	1.03	56	28.72	2	1.03	66	0.34	13	6.67	0	0.00	1	0.51		
Ohio	726	15,952	60,198	57	0.36	-	-	59	0.37	-	-	-	-	14	0.09	-	-		
Oklahoma	214	3,580	45,833	31	0.87	2,264	63.24	34	0.95	3,731	1.04	309	8.63	6	0.17	27	0.75		
Oregon	146	3,343	62,732	20	0.60	1,291	38.62	24	0.72	1,981	0.59	113	3.38	6	0.18	18	0.54		
Pennsylvania	509	8,936	48,099	51	0.57	2,944	32.95	59	0.66	4,638	0.52	173	1.94	13	0.15	57	0.64		
Rhode Island	49	1,442	80,626	9	0.62	541	37.52	10	0.69	823	0.57	74	5.13	4	0.28	1	0.07		
South Carolina	142	2,499	48,215	16	0.64	746	29.85	17	0.68	1,116	0.45	119	4.76	1	0.04	9	0.36		
South Dakota	47	262	15,273	0	0.00	163	62.21	0	0.00	252	0.96	54	20.61	0	0.00	1	0.38		
Tennessee	322	6,777	57,662	42	0.62	-	-	44	0.65	-	-	-	-	12	0.18	-	-		
Texas	1,031	25,186	66,528	244	0.97	20,480	81.32	261	1.04	34,800	1.38	-	-	64	0.25	243	0.96		
Utah	188	3,491	56,931	28	0.80	1,381	39.56	37	1.06	2,057	0.59	286	8.19	3	0.09	19	0.54		
Vermont	40	309	21,164	0	0.00	18	5.83	0	0.00	28	0.09	-	-	0	0.00	-	-		
Virginia	318	8,197	70,621	48	0.59	-	-	53	0.65	-	-	-	-	6	0.07	-	-		
Washington	262	8,648	90,432	24	0.28	3,917	45.29	30	0.35	5,815	0.67	1,001	11.57	2	0.02	35	0.40		
West Virginia	94	1,289	37,569	6	0.47	557	43.21	9	0.70	832	0.65	267	20.71	0	0.00	7	0.54		
Wisconsin	143	3,099	59,374	15	0.48	-	-	17	0.55	1,589	0.51	90	2.90	1	0.03	11	0.35		
Wyoming	87	260	8,188	4	1.54	111	42.69	4	1.54	179	0.69	26	10.00	0	0.00	1	0.38		
Total	12,878	315,837	67,193	1,747	0.55	-	-	1,936	0.61	-	-	-	-	367	0.12	-	-		

<sup>1</sup> Annual average daily traffic.  
<sup>2</sup> Pedestrians are included.  
<sup>3</sup> 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, 1993.  
<sup>4</sup> Per 100 million vehicle-miles of travel.  
<sup>5</sup> Nonfatal injury accidents and nonfatally injured persons injured and most serious injured and pedestrians injured were not shown because of incomplete reporting prior to this publication.

MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993
RURAL INTERIM NATIONAL HIGHWAY SYSTEM (TOTAL)

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM.)

Table with columns for State, Public Road Mileage, Annual Vehicle-Miles (Millions), AADT, Injury Accidents (Fatal/Nonfatal, Rate), Persons Injured (Fatal/Nonfatal, Rate), Most Serious Injuries (Number, Rate), Pedestrians Injured (Fatal/Nonfatal, Rate), and Fatal/Nonfatal Rate. Includes states from Alabama to Wyoming and a Total row.

1 The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.
2 Annual average daily traffic.
3 Pedestrians are included.
4 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, 1993.
5 per 100 million vehicle-miles of travel.
6 Nonfatal injury accidents and nonfatally injured persons injured and most serious injured and pedestrians injured were not shown because of incomplete reporting prior to this publication.

MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1993  
URBAN INTERIM NATIONAL HIGHWAY SYSTEM (TOTAL)

(THE INTERIM NATIONAL HIGHWAY SYSTEM CONSISTS OF THE ENTIRE PRINCIPAL ARTERIAL SYSTEM)<sup>1</sup>

OFFICE OF HIGHWAY INFORMATION MANAGEMENT  
TABLE FI-9  
NOVEMBER 1994

STATE	PUBLIC ROAD MILEAGE	ANNUAL VEHICLE-MILES (MILLIONS)	AADT <sup>2</sup>	INJURY ACCIDENTS		PERSONS INJURED <sup>3</sup>		MOST SERIOUS INJURIES <sup>3</sup>		PEDESTRIANS INJURED		NOVEMBER 1994	
				FATAL NUMBER <sup>4</sup>	RATE <sup>4</sup>	NONFATAL NUMBER	RATE <sup>5</sup>	FATAL NUMBER <sup>4</sup>	RATE <sup>5</sup>	NONFATAL NUMBER	RATE <sup>5</sup>	FATAL NUMBER <sup>4</sup>	RATE <sup>5</sup>
Alabama	1,279	10,870	23,284	102	0.94	6,126	56.36	116	1.07	8,695	79.99	10	0.09
Alaska	111	850	20,980	13	1.53	772	90.82	14	1.65	1,095	128.82	3	0.35
Arizona	1,349	14,712	29,879	201	1.37	17,488	118.87	220	1.50	28,435	193.28	63	0.36
Arkansas	818	5,221	17,487	54	1.03	3,021	57.86	58	1.11	4,765	91.27	10	0.19
California	8,594	148,295	47,276	1,380	0.93	84,977	57.30	1,498	1.01	126,388	85.23	431	0.29
Colorado	1,228	12,378	27,616	153	1.24	13,743	111.03	160	1.29	21,093	170.41	37	0.30
Connecticut	1,041	12,870	33,872	106	0.82	10,854	82.34	110	0.85	16,200	125.87	16	0.12
Delaware	187	2,258	33,082	30	1.33	1,872	82.91	33	1.46	3,120	138.18	13	0.58
Dist. Of Columbia	116	1,797	42,442	22	1.22	-	-	24	1.34	-	-	11	0.61
Florida	2,998	40,910	37,386	641	1.57	-	-	691	1.69	-	-	184	0.45
Georgia	2,585	25,697	27,235	209	0.81	-	-	233	0.91	-	-	57	0.22
Hawaii	195	3,313	46,547	40	1.21	-	-	41	1.24	-	-	9	0.27
Idaho	302	1,843	15,720	19	1.03	1,578	85.62	21	1.14	2,362	128.16	3	0.16
Illinois	3,289	34,164	28,458	310	0.91	11,984	72.23	336	0.98	16,303	98.26	65	0.19
Indiana	1,995	16,591	22,784	107	0.64	11,984	72.23	114	0.69	16,303	98.26	17	0.10
Iowa	837	4,473	14,641	62	1.39	-	-	65	1.45	-	-	10	0.22
Kansas	925	6,032	17,866	48	0.80	7,302	121.05	59	0.98	11,085	183.79	3	0.05
Kentucky	934	9,431	27,664	99	0.73	6,402	67.88	75	0.80	9,840	104.34	14	0.15
Louisiana	1,149	9,963	23,756	69	0.99	11,114	111.4	114	1.14	16,646	166.46	20	0.20
Maine	237	1,440	16,646	11	0.76	2,287	158.82	11	0.76	3,271	227.15	3	0.21
Maryland	1,339	20,656	42,264	195	0.94	5,080	157.47	60	1.86	7,904	245.01	22	0.68
Massachusetts	2,152	23,739	30,222	139	0.59	23,811	100.30	149	0.63	30,842	129.92	28	0.12
Michigan	2,706	33,421	33,838	156	0.47	5,961	52.70	174	0.62	8,810	77.88	38	0.11
Minnesota	986	11,312	31,432	64	0.57	5,961	52.70	69	0.61	8,810	77.88	12	0.11
Mississippi	793	4,589	15,884	47	1.02	1,274	27.76	51	1.11	2,114	46.07	4	0.09
Missouri	1,722	18,987	30,209	153	0.81	693	72.19	171	0.90	997	103.85	4	0.22
Montana	226	960	11,638	11	1.15	6,078	192.28	25	1.25	9,417	297.91	2	0.21
Nebraska	472	3,161	18,348	23	0.73	5,080	157.47	25	0.79	7,904	245.01	4	0.13
Nevada	341	3,226	25,919	55	1.70	5,080	157.47	60	1.86	7,904	245.01	22	0.68
New Hampshire	262	2,228	23,298	16	0.72	1,440	16.646	19	0.85	2,287	227.15	4	0.18
New Jersey	1,769	25,735	39,857	260	1.01	6,141	144.05	282	1.10	9,738	228.43	82	0.32
New Mexico	606	4,263	19,273	58	1.36	1,440	144.05	61	1.43	2,287	227.15	23	0.54
New York	4,008	46,813	32,000	598	1.28	54,578	165.59	640	1.37	84,552	180.62	238	0.51
North Carolina	1,958	16,754	23,443	161	0.96	9,885	59.00	178	1.06	16,680	99.56	39	0.23
North Dakota	204	725	9,737	7	0.97	636	87.72	7	0.97	839	115.72	0	0.00
Ohio	3,251	32,166	27,024	209	0.65	62,267	93.67	217	0.67	106,643	160.43	48	0.15
Oklahoma	1,181	9,301	21,577	95	1.02	9,696	104.25	100	1.08	15,814	170.02	17	0.18
Oregon	869	8,517	26,852	80	0.94	7,269	86.39	94	1.10	11,333	133.06	25	0.29
Pennsylvania	3,265	29,034	24,363	321	1.11	24,996	86.09	354	1.22	39,911	137.46	87	0.30
Rhode Island	468	4,127	24,160	36	0.87	3,825	92.68	39	0.94	4,438	106.61	8	0.19
South Carolina	908	7,861	23,719	146	1.86	10,994	139.85	155	1.97	23,994	293.78	34	0.43
South Dakota	189	871	12,626	7	0.80	1,571	180.37	7	0.80	2,419	277.73	2	0.23
Tennessee	1,718	16,572	26,428	191	1.15	5,080	157.47	209	1.26	7,904	245.01	40	0.24
Texas	7,066	66,474	25,774	690	1.04	62,267	93.67	774	1.16	106,643	160.43	182	0.27
Utah	444	5,678	35,036	63	1.11	5,630	99.15	73	1.29	8,674	152.77	11	0.19
Vermont	157	798	13,925	1	0.13	367	45.99	1	0.13	540	67.67	0	0.00
Virginia	1,512	19,027	34,477	139	0.73	11,315	59.14	164	0.86	16,481	86.14	28	0.15
Washington	1,628	32,197	32,197	101	0.53	11,315	59.14	116	0.61	16,481	86.14	27	0.14
West Virginia	308	2,569	22,852	308	1.17	1,654	105.22	34	1.32	2,703	40.99	2	0.08
Wisconsin	1,588	11,814	20,382	46	0.40	7,247	61.34	49	0.41	10,624	89.93	14	0.12
Wyoming	295	856	7,950	12	1.40	852	99.53	12	1.40	1,340	156.54	1	0.12
Total	74,570	814,474	29,924	7,786	0.96	-	-	8,504	1.04	-	-	2,092	0.26

<sup>1</sup> The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 established the entire Principal Arterial System as the Interim National Highway System (NHS) until the U.S. Congress approves an official NHS.  
<sup>2</sup> Annual average daily traffic.  
<sup>3</sup> Pedestrians are included.  
<sup>4</sup> 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, 1993.  
<sup>5</sup> Per 100 million vehicle-miles of travel.  
<sup>6</sup> Nonfatal injury accidents and nonfatally injured persons and most serious injured and pedestrians injured were not shown because of incomplete reporting prior to this publication.

**SPEED TREND DATA<sup>1</sup>**  
**(MILES PER HOUR)**  
**BASED ON AVERAGE OF THE QUARTERLY REPORTS FOR FISCAL YEAR 1993**

TRAVEL MONITORING DIVISION  
OFFICE OF HIGHWAY INFORMATION MANAGEMENT  
(OCTOBER 1992 - SEPTEMBER 1993)  
STATEWIDE  
SEPTEMBER 1994  
TABLE VS-1

STATE	URBAN										RURAL										STATEWIDE												
	INTERSTATE					OTHER FREEWAYS AND EXPRESSWAYS					OTHER PRINCIPAL AND MINOR ARTERIAL					INTERSTATE					OTHER PRINCIPAL AND MINOR ARTERIAL					MAJOR COLLECTORS				STATEWIDE			
	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE	AVR-AGE SPEED	MEDIAN PER-CENTILE	85 TH PER-CENTILE			
Alabama	60.2	58.4	67.4	0.0	0.0	0.0	54.8	55.1	61.4	0.0	0.0	0.0	57.7	57.4	64.5	56.0	55.7	62.8	57.4	57.4	64.3	56.0	56.9	64.3	57.4	56.9	64.3	57.4	56.9	64.3			
Alaska	0.0	0.0	0.0	0.0	0.0	0.0	59.5	58.8	65.0	0.0	0.0	0.0	58.0	57.9	65.4	58.0	58.0	65.4	57.9	57.9	65.4	58.0	58.0	65.4	57.9	57.9	65.4	57.9	57.9	65.4			
Arizona	59.9	61.1	66.3	60.5	61.4	67.3	61.4	61.7	68.2	0.0	0.0	0.0	57.4	57.4	64.3	58.8	58.8	65.3	57.4	57.4	64.3	58.8	58.8	65.3	57.9	58.1	65.4	57.9	58.1	65.4			
Arkansas	62.0	62.0	68.4	61.4	61.7	68.2	53.3	54.4	62.0	62.9	63.4	71.5	60.5	61.1	67.8	57.6	58.2	64.5	61.1	61.1	67.8	57.6	57.7	64.5	57.7	57.7	64.5	57.7	57.7	64.5			
California	55.9	58.3	67.2	58.6	60.2	67.7	53.3	54.4	62.0	62.9	63.4	71.5	60.5	61.1	67.8	57.6	58.2	64.5	61.1	61.1	67.8	57.6	57.7	64.5	57.7	57.7	64.5	57.7	57.7	64.5			
Colorado	55.3	56.6	63.3	59.8	59.0	66.3	0.0	0.0	0.0	0.0	0.0	0.0	55.0	55.1	61.1	56.3	56.4	62.1	55.0	55.0	61.1	56.3	56.3	62.1	55.8	56.2	62.5	55.8	56.2	62.5			
Connecticut	59.3	59.2	67.2	42.1	41.5	48.3	14.6	14.4	16.4	59.6	59.0	66.0	60.3	59.5	67.1	0.0	0.0	0.0	57.4	57.3	64.2	0.0	0.0	0.0	57.7	57.6	65.4	57.7	57.6	65.4			
Delaware	58.3	58.2	67.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dist. of Col.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Florida	61.4	61.4	68.7	0.0	0.0	0.0	56.4	55.8	64.4	0.0	0.0	0.0	57.8	57.4	63.8	52.2	51.4	58.0	57.4	57.4	63.8	52.2	51.4	58.0	57.7	57.3	64.7	57.7	57.3	64.7			
Georgia	61.0	60.6	68.2	58.1	58.0	64.3	53.6	53.8	60.3	0.0	0.0	0.0	54.5	54.5	61.1	49.7	50.2	57.0	54.5	54.5	61.1	49.7	50.2	57.0	56.4	56.3	63.3	56.4	56.3	63.3			
Hawaii	58.4	58.4	66.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.6	53.2	59.9	52.7	52.4	58.9	53.6	53.2	59.9	52.7	52.4	58.9	56.3	56.1	63.5	56.3	56.1	63.5			
Idaho	58.9	59.3	65.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.1	54.4	61.2	54.3	54.8	62.7	54.1	54.4	61.2	54.3	54.8	62.7	54.5	54.8	61.8	54.5	54.8	61.8			
Illinois	57.6	57.5	65.0	57.0	58.9	68.8	50.7	47.9	59.9	68.8	68.8	67.2	57.3	56.9	63.7	56.4	56.4	62.6	56.9	56.9	63.7	56.4	56.4	62.6	56.7	56.2	64.4	56.7	56.2	64.4			
Indiana	61.4	60.2	67.2	61.2	60.5	67.2	55.3	53.8	61.4	61.4	61.4	67.2	55.3	56.8	62.8	56.4	56.2	63.7	56.8	56.8	62.8	56.4	56.2	63.7	58.3	57.4	64.2	58.3	57.4	64.2			
Iowa	57.8	57.7	63.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6	56.7	62.1	55.6	55.9	62.6	56.6	56.7	62.1	55.6	55.9	62.6	56.5	56.7	62.4	56.5	56.7	62.4			
Kansas	62.3	62.9	69.3	58.9	59.3	65.2	57.0	58.3	63.6	65.2	65.2	62.4	50.1	51.5	58.2	56.5	56.8	64.0	57.6	58.2	64.0	56.5	56.8	64.0	58.3	59.1	65.5	58.3	59.1	65.5			
Kentucky	59.1	59.8	66.2	56.2	56.6	62.4	50.1	51.5	58.4	62.4	62.4	62.4	50.1	51.5	58.4	56.2	56.2	64.0	55.0	55.5	62.9	48.4	48.4	50.5	52.9	54.1	61.8	52.9	54.1	61.8			
Louisiana	57.7	57.9	65.7	0.0	0.0	0.0	51.9	52.7	58.8	65.6	65.6	62.3	58.8	58.8	62.1	56.2	56.2	64.3	55.9	56.3	62.1	56.2	56.2	64.3	56.2	56.7	63.5	56.7	63.5	63.5			
Maine	58.6	58.8	66.8	57.4	57.9	64.6	52.0	52.9	54.1	64.6	64.6	64.6	52.0	54.1	60.4	53.0	53.0	60.7	53.7	54.1	60.4	53.0	53.0	60.7	54.3	54.7	61.4	54.3	54.7	61.4			
Massachusetts	57.6	57.6	63.3	0.0	0.0	0.0	54.5	55.5	62.5	62.5	62.5	67.4	55.3	55.4	62.1	55.3	55.3	62.1	55.3	55.4	62.1	55.3	55.3	62.1	56.6	57.1	64.8	56.6	57.1	64.8			
Michigan	59.1	59.7	67.8	58.6	60.4	68.0	61.6	61.7	69.6	68.0	68.0	72.1	63.6	63.4	69.3	56.2	56.2	64.0	63.6	63.4	69.3	56.2	56.2	64.0	58.3	59.9	68.4	58.3	59.9	68.4			
Minnesota	58.2	60.4	68.3	62.3	62.8	69.5	56.2	57.0	62.2	69.5	69.5	69.2	56.2	58.0	64.0	55.3	55.3	62.1	57.0	58.0	64.0	55.3	55.3	62.1	58.3	59.4	65.7	58.0	59.4	65.7			
Mississippi	59.5	60.2	66.5	0.0	0.0	0.0	56.6	56.6	62.3	65.6	65.6	62.3	56.6	56.6	62.1	56.6	56.6	62.1	56.6	56.6	62.1	56.6	56.6	62.1	56.6	56.6	63.5	56.6	63.5	63.5			
Missouri	58.0	58.9	65.6	58.2	58.6	64.3	0.0	0.0	0.0	64.3	64.3	64.3	0.0	0.0	0.0	58.2	58.2	63.7	58.2	58.2	63.7	58.2	58.2	63.7	56.8	57.4	65.5	56.8	57.4	65.5			
Montana	57.1	56.9	64.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.8	58.4	64.4	55.5	55.5	63.8	57.8	58.4	64.4	55.5	55.5	63.8	58.2	58.2	64.6	58.2	58.2	64.6			
Nebraska	58.6	58.9	63.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.6	56.2	64.1	55.6	55.6	63.9	57.6	56.2	64.1	55.6	55.6	63.9	57.2	57.2	64.4	57.2	57.2	64.4			
Nevada	58.3	58.9	65.3	59.1	58.0	64.3	54.0	54.2	60.6	64.3	64.3	64.3	54.0	54.8	66.5	53.7	53.4	60.8	59.1	59.8	66.5	53.7	53.4	60.8	58.0	58.0	64.6	58.0	58.0	64.6			
New Hampshire	61.1	61.6	69.8	61.8	62.2	69.2	55.5	56.3	61.9	69.2	69.2	69.2	55.5	56.3	61.0	53.7	53.7	61.0	54.8	54.8	61.0	53.7	53.7	61.0	56.8	56.8	64.1	56.8	56.8	64.1			
New Jersey	58.7	53.8	65.5	57.4	52.0	64.9	58.7	53.6	64.8	64.8	64.8	65.7	55.4	50.2	61.2	0.0	0.0	0.0	55.4	50.2	61.2	0.0	0.0	0.0	57.9	52.8	64.6	57.9	52.8	64.6			
New Mexico	44.0	44.0	49.9	0.0	0.0	0.0	36.1	35.1	41.2	41.2	41.2	41.2	36.1	34.9	44.3	51.5	50.3	47.9	34.9	34.9	44.3	51.5	50.3	47.9	55.5	54.6	63.5	55.5	54.6	63.5			
New York	60.6	61.2	68.7	59.9	59.9	67.2	55.5	55.7	63.1	68.7	68.7	63.1	55.5	55.7	63.1	51.1	51.5	58.6	52.9	52.9	63.1	51.1	51.5	58.6	57.7	57.8	64.9	57.7	57.8	64.9			
North Carolina	59.0	59.5	65.8	58.5	59.1	66.1	61.7	62.4	68.3	65.8	65.8	65.8	61.7	62.4	68.3	56.4	56.4	62.4	60.4	60.4	68.3	56.4	56.4	62.4	58.4	58.4	64.8	58.4	58.4	64.8			
North Dakota	58.9	57.1	65.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.7	58.2	64.0	55.6	55.6	64.4	57.7	58.2	64.0	55.6	55.6	64.4	57.2	57.8	64.2	57.2	57.8	64.2			
Ohio	60.7	60.9	68.3	57.7	58.0	64.2	56.1	56.2	62.0	64.2	64.2	64.2	56.1	56.2	63.4	57.1	57.6	63.9	57.6	57.9	63.4	57.1	57.6	63.9	58.2	58.2	64.9	58.2	58.2	64.9			
Oklahoma	56.3	56.3	63.3	57.5	57.5	63.8	0.0	0.0	0.0	0.0	0.0	0.0	58.6	59.3	65.0	56.6	56.6	63.8	58.6	59.3	65.0	56.6	56.6	63.8	57.6	57.6	64.3	57.6	57.6	64.3			
Oregon	59.6	59.5	68.8	56.0	56.8	64.4	51.2	51.8	57.5	68.8	68.8	64.4	51.2	51.8	57.5	56.4	56.4	65.5	52.8	52.8	65.5	56.4	56.4	65.5	55.1	55.2	62.9	55.1	55.2	62.9			
Pennsylvania	58.7	59.4	66.4	61.6	62.																												

SPEED TREND DATA 1
PERCENT EXCEEDING INDICATED MILE-PER-HOUR INCREMENT
BASED ON AVERAGE OF THE QUARTERLY REPORTS FOR FISCAL YEAR 1993

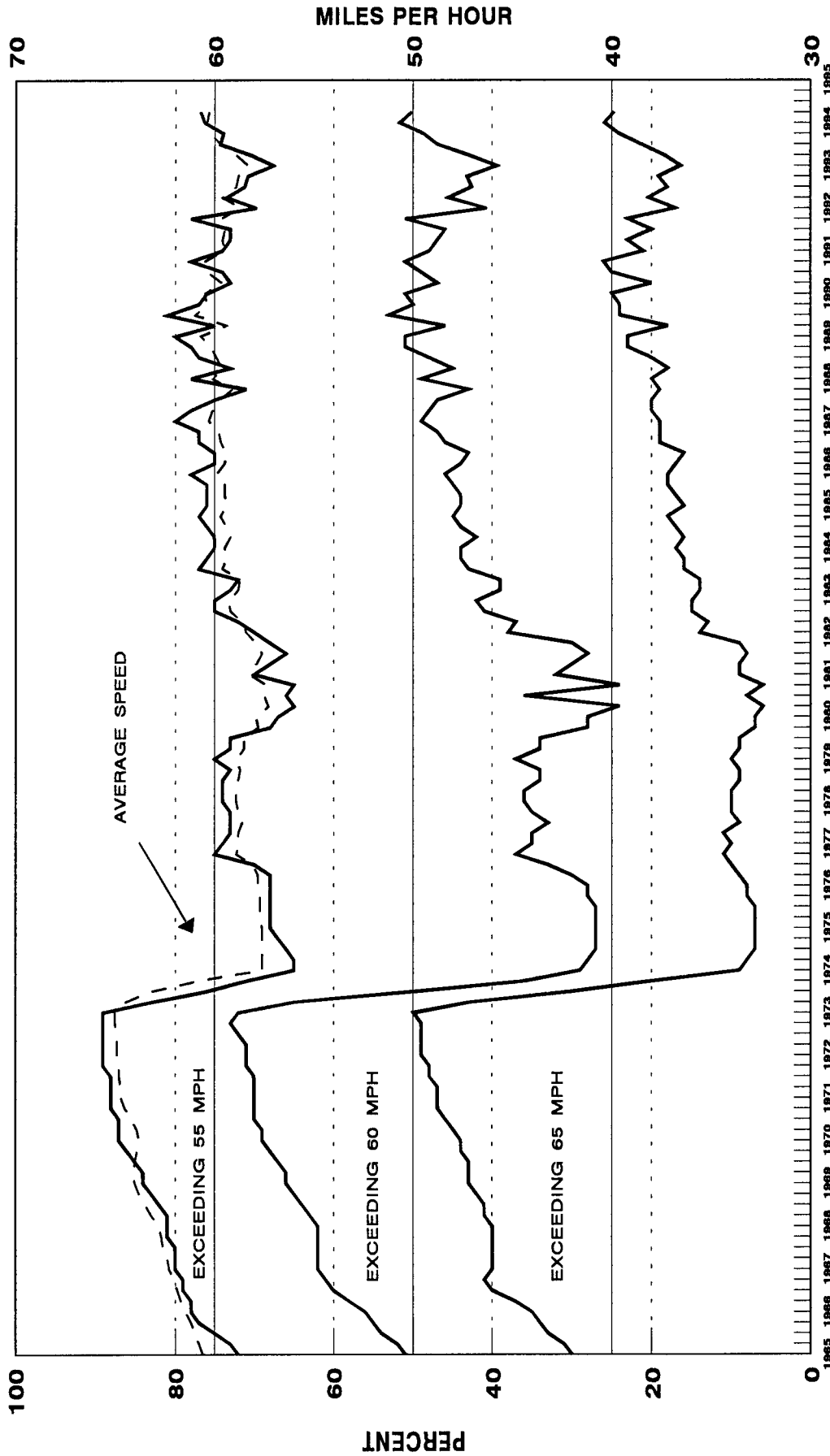
TABLE VS-2
SEPTEMBER 1994

Table with columns for STATE, INTERSTATE, OTHER FREEWAYS AND EXPRESSWAYS, OTHER PRINCIPAL AND MINOR ARTERIALS, INTERSTATE, OTHER PRINCIPAL AND MINOR ARTERIALS, MAJOR COLLECTORS, and STATEWIDE. Rows list states from Alabama to Wyoming and include an AVERAGE row at the bottom.

All values are the average of the quarterly values reported by the States. There was no requirement for the annual certification in 1993. Therefore, the data used in previous years to prepare the table was not available. All values of 0.0 indicate a highway system with no mileage posted at 55 mph in the State. Data includes all vehicle types. There has been no adjustment for speedometer variations.



# SPEED TRENDS ON RURAL INTERSTATE HIGHWAYS



## TRAVEL YEAR

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 (m.p.h.) 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.

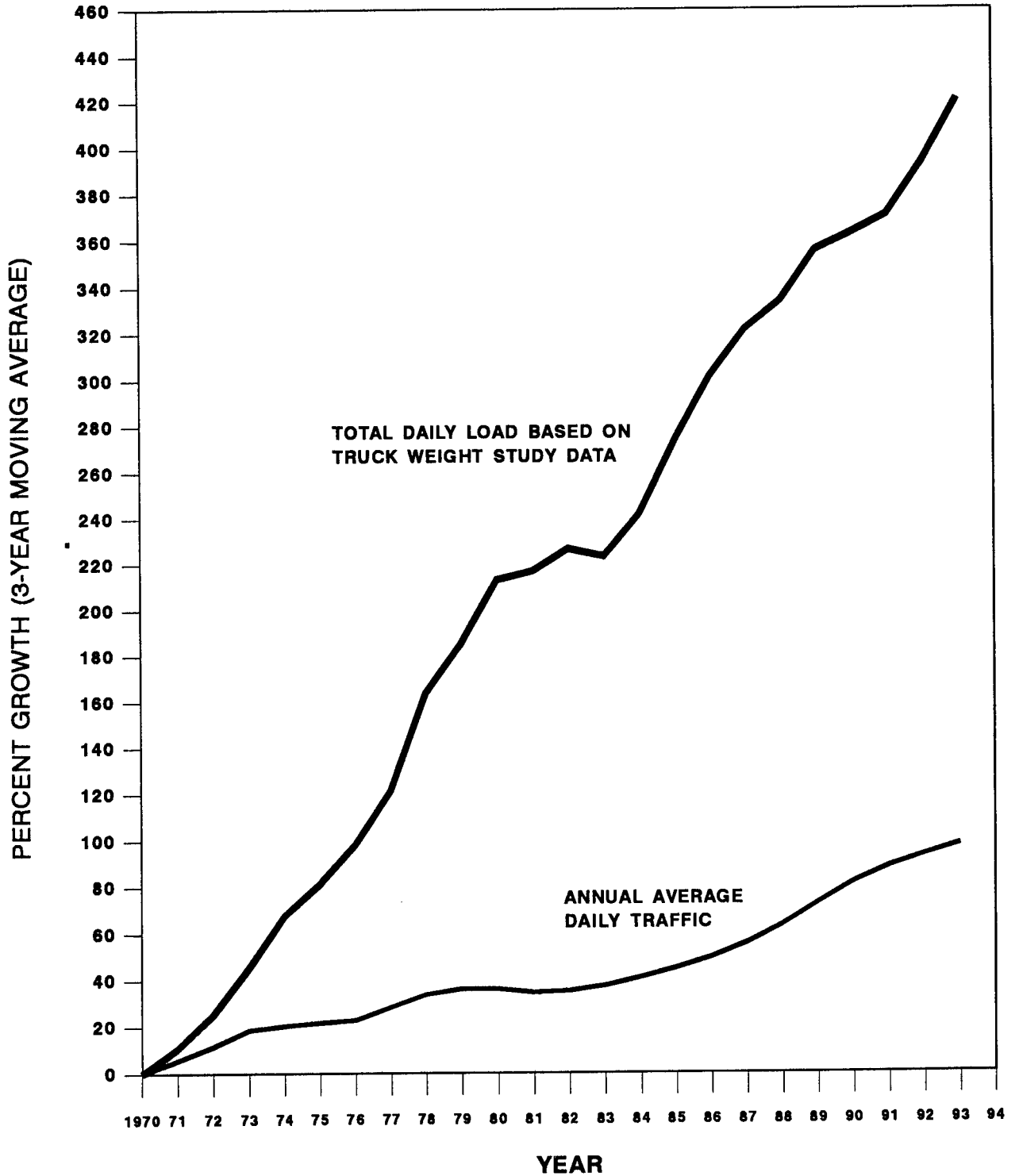
# PERCENTAGE DISTRIBUTION OF TRAFFIC VOLUMES AND LOADINGS ON THE RURAL INTERSTATE SYSTEM<sup>1</sup>

TABLE TC-3  
SEPTEMBER 1994

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	15	91
1991	79	2	4	4	2	4	14	90
1992	79	1	3	4	2	4	16	90
1993	78	1	4	5	2	3	16	91

<sup>1</sup> Based on data from the Truck Weight Study which are collected by the States for varying time periods each year and are not adjusted to typify annual averages. The loadings are based on the average equivalent axle loads for each vehicle type. An equivalent axle load is defined as the damage to a pavement caused by a vehicle relative to a standard 18,000 pound axle on the same pavement.

### COMPARISON OF GROWTH IN VOLUME AND LOADINGS ON THE RURAL INTERSTATE SYSTEM





# HIGHWAY STATISTICS FOR THE COMMONWEALTH OF PUERTO RICO - 1993

COMPILED FROM REPORTS  
OF COMMONWEALTH AUTHORITIES

TABLE PR-1  
SHEET 1 OF 2  
NOVEMBER 1994

<b>MOTOR FUEL, MOTOR VEHICLES, AND DRIVER LICENSES</b>	
<b>I. Motor-Fuel Consumption</b>	
A. Commonwealth Tax Rate per Gallon on December 31:	
1. Gasoline	\$.16
2. Diesel and L.P.G.	\$.08
B. Net Gallons Taxed (1,000):	
1. At Prevailing Rates	993,927
2. At Other Rates (Aviation)	2,461
3. Total	<u>996,388</u>
<b>II. Motor-Fuel Tax Receipts (\$1,000)</b>	
A. Gross Gallonage Receipts (\$1,000)	155,141
B. Less:	
1. Refunds Paid	1,652
2. Dedicated Gasoline Tax (Aviation)	123
C. Other Receipts	789
D. Net Total Receipts	<u>154,245</u>
<b>III. Motor-Vehicle Registrations</b>	
A. Automobiles	1,420,000
B. Trucks	4,000
C. Buses	223,000
D. Total	<u>1,647,000</u>
E. Trailers	17,000
F. Motorcycles	22,000
<b>IV. Driver Licenses</b>	
A. Learner Permits Issued	82,000
B. Operator Licenses Issued	304,000
C. Chauffeur Licenses Issued	82,000
D. Motorcycle Licenses Issued	-
E. Heavy Vehicle Licenses Issued	37,777
F. Driver Licenses in Force	1,489,000
<b>V. Motor-Vehicle Tax Receipts (\$1,000)</b>	
A. Registration Fees	63,787
B. Driver Licenses	4,668
C. Motor Carries	611
D. Other	4,769
E. Total	<u>73,835</u>
<b>HIGHWAY AND MASS TRANSPORTATION (THOUSANDS OF DOLLARS)</b>	
<b>VI. Highway-User Revenues and Other Receipts Applicable to Highways</b>	
A. Net Highway-User Revenues:	
1. Motor-Fuel Taxes	153,457
2. Motor-Vehicle and Carrier Taxes	61,031
3. Subtotal	<u>214,488</u>
B. Toll Receipts	63,251
C. Other State Taxes	-
D. General Fund Appropriation	-
E. Federal Highway Administration Funds	67,910
F. Other Federal Funds	-
G. Miscellaneous Receipts	417,665
H. Total Receipts	<u>763,314</u>
<b>VII. Disbursements from Highway-User Revenues and Other Receipts Applicable to Highways</b>	
A. Capital Outlay	250,232
B. Maintenance	37,637
C. Administration	97,718
D. Highway Police and Safety	25,727
E. Debt Service	352,000
F. Total Disbursements	<u>763,314</u>



## HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS - 1993

COMPILED FROM REPORTS  
OF TERRITORIAL AUTHORITIES

TABLE TER-1  
NOVEMBER 1994

MOTOR FUEL, MOTOR VEHICLES, DRIVER LICENSES AND HIGHWAY FINANCE	AMERICAN SAMOA	GUAM	NORTHERN MARIANAS	VIRGIN ISLANDS
<b>I. Motor-Fuel Consumption</b>				
A. Territorial Tax Rate per Gallon on December 31:				
1. Gasoline	\$0.115	\$0.11	\$0.10	\$0.14
2. Diesel and LPG	\$0.035	\$0.10	\$0.10	\$0.14
B. Net Gallons Taxed (1,000)				
1. At Prevailing Rates	3,150	107,791	20,730	32,348
2. At Other Rates	-	-	-	-
3. Total	<u>3,150</u>	<u>107,791</u>	<u>20,730</u>	<u>32,348</u>
<b>II. Motor-Fuel Tax Receipts (\$1,000)</b>				
A. Gross Gallonage Receipts	61	161,793	2,073	4,528
B. Less:				
1. Refunds Paid	116	12,650	-	-
2. Dedicated Gallonage Tax	-	15,629	-	-
C. Other Receipts	-	-	-	-
D. Net Total Receipts	<u>(55)</u>	<u>133,514</u>	<u>2,073</u>	<u>4,528</u>
<b>III. Motor-Vehicle Registrations</b>				
A. Automobiles	4,628	74,728	12,113	47,255
B. Buses	203	366	922	1,011
C. Trucks	286	30,373	5,557	13,857
D. Total	<u>5,117</u>	<u>105,476</u>	<u>18,592</u>	<u>62,123</u>
E. Trailers	52	2,926	140	152
F. Motorcycles	29	659	94	-
<b>IV. Driver Licenses</b>				
A. Learner Permits Issued	36	13,669	2,176	4,996
B. Operator Licenses Issued	3,644	30,336	8,115	21,346
C. Chauffeur Licenses Issued	398	3,488	-	-
D. Motorcycle Licenses Issued	-	16	-	-
E. Driver Licenses in Force	4,111	47,509	22,722	-
<b>V. Motor-Vehicle Tax Receipts (\$1,000)</b>				
A. Registration Fees	219	3,873	824	5,038
B. Driver Licenses	27	189	154	1,629
C. Motor Carriers	2	-	1	-
D. Other	2	495	15	-
E. Total	<u>250</u>	<u>4,557</u>	<u>994</u>	<u>6,667</u>
<b>VI. Highway Receipts (\$1,000)</b>				
A. Highway-User Revenue	195	-	-	1,761
B. General Funds	277	-	778	2,010
C. FHWA Funds	18,908	12,563	4,725	14,500
D. Other Federal Funds	117	123	299	5,522
E. Total Receipts	<u>19,497</u>	<u>12,688</u>	<u>5,802</u>	<u>23,793</u>
<b>VII. Highway Disbursements (\$1,000)</b>				
A. Capital Outlay	19	12,563	4,936	7,500
B. Maintenance	422	61,330	368	2,900
C. Administration	181	-	208	2,800
D. Highway Law Enforcement	-	192	290	21
E. Total Disbursements	<u>622</u>	<u>74,085</u>	<u>5,802</u>	<u>13,221</u>

# HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS, AND THE NORTHERN MARIANAS <sup>1</sup>

OFFICE OF HIGHWAY  
INFORMATION MANAGEMENTTABLE TER-2  
NOVEMBER 1994

CATEGORY	AMERICAN SAMOA			GUAM			VIRGIN ISLANDS			NORTHERN MARIANAS		
	RURAL	URBAN	TOTAL	RURAL 2	URBAN 2	TOTAL	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL
POPULATION	47,800	5,200	53,000	28,169	104,983	133,152	64,965	38,502	103,467	54,810	0	54,810
NET LAND AREA - SQUARE MILES	60	17	77	175	37	212	130	1	131	184	0	184
FEDERAL-AID TERRITORIAL HIGHWAY SYSTEM -- ARTERIAL:												
PAVED LENGTH -- MILES	22	13	35	103	27	130	171	12	183	47	0	47
UNPAVED LENGTH -- MILES	12	0	12	0	0	0	2	0	2	14	0	14
TOTAL MILES	34	13	47	103	27	130	173	12	185	61	0	61
DAILY VEHICLE - MILES TRAVEL (1,000)	180	25	205	1,500	1,000	2,500	1,170	116	1,286	400	0	400
FEDERAL-AID TERRITORIAL HIGHWAY SYSTEM -- COLLECTOR:												
PAVED LENGTH -- MILES	40	12	52	24	17	41	96	5	101	24	0	24
UNPAVED LENGTH -- MILES	0	0	0	0	0	0	30	0	30	0	0	0
TOTAL MILES	40	12	52	24	17	41	126	5	131	24	0	24
DAILY VEHICLE - MILES TRAVEL (1,000)	20	25	45	102	238	340	164	14	178	200	0	200
OTHER PUBLIC ROADS:												
PAVED LENGTH -- MILES	64	0	64	287	0	287	388	55	443	17	0	17
UNPAVED LENGTH -- MILES	0	0	0	83	0	83	4	0	4	153	0	153
TOTAL MILES	64	0	64	370	0	370	392	55	447	170	0	170
DAILY VEHICLE - MILES TRAVEL (1,000)	100	0	100	315	0	315	250	35	285	100	0	100
ALL PUBLIC ROADS:												
TOTAL LENGTH -- MILES	138	25	163	497	44	541	691	72	763	255	0	255
TOTAL VEHICLE - MILES OF DAILY TRAVEL (1,000)	300	50	350	1,917	1,238	3,155	1,584	165	1,749	700	0	700
MOTOR VEHICLE ACCIDENTS ON PUBLIC ROADS:												
NUMBER OF FATAL ACCIDENTS	-	-	6	-	-	34	-	-	10	-	-	4
NUMBER OF NONFATAL INJURY ACCIDENTS	-	-	124	-	-	2,133	-	-	1,160	-	-	194
NUMBER OF FATALITIES	-	-	6	-	-	39	-	-	10	-	-	4
NUMBER OF NONFATALITY INJURED PERSONS	-	-	166	-	-	6,834	-	-	1,160	-	-	194

<sup>1</sup> Some entries were estimated by FHWA because of inconsistencies in reported data.<sup>2</sup> Data distributions estimated based on places of 2,500 and more persons assigned as urban.



## INTERNATIONAL

This section contains transportation and related data for selected countries. Basic socioeconomic data is provided to establish a framework for the transportation indicators that follow. These include information about each country's network of roadways, ownership and use of roadway vehicles, including the fatalities attributable to those vehicles, and fuel prices. Topics were chosen to correspond with major topics presented elsewhere in this volume. However, the availability of reliable information was also a consideration in selecting topics; therefore, some useful areas, such as certain transportation expenditures, were not covered because of the unavailability of complete and comparable data from an array of countries that could readily be converted to meaningful indicators. Except as noted, data is for the calendar year 1991, which was the most recent year in which it is available for many countries.

Countries were selected, as other developed countries and/or major U.S. trading partners, for comparisons with the U.S. system. Japan, four European countries and our North American Free Trade Agreement (NAFTA) trading partners were chosen as examples of these.

Much of the data came from reliable published sources; these sources are noted with the individual tables. Because of the reunification of Germany just prior to the data year, the German Embassy was asked to provide data for the unified country. Most of the German data came from that source. Much of the data on the United Kingdom is for Great Britain only, which does not include Northern Ireland. U.S. data came from Highway Statistics 1991 or directly from other Federal Highway Administration sources.

Table IN-1 sets forth indicators of social and demographic status for each country, including size, population, land area, population density, and economic status. These are shown for 1991 in order to correspond with the transportation data. The gross domestic product (GDP) and GDP per capita dollar amount estimates for each country are stated in terms of purchasing power equivalents. This method involves the use of dollar price weights applied to the quantities of goods and services produced by the economy. With this method of conversion, a given sum of dollars in the U.S. will buy the same amount of goods as that amount, converted to the local currency, will buy in the other country. While

population, land area, population density, and GDP vary greatly among the countries, GDP per capita varies only slightly among seven of the eight countries. Mexico is less economically developed than the others and varies from them in all important indicators.

Table IN-2 provides information on roadway systems. Expressways and other main roadways are grouped together under "major roads" while all others are considered "secondary roads." These are only general categories, as the definitions and data collection processes vary from country to country. The tables show that land area and population density are important indicators of highway miles in each country, although Mexico's less developed status is apparent in measures of miles per capita.

Table IN-3 shows the numbers of several types of vehicles, vehicles per capita, and vehicle-related fatalities in each country. Some countries count only selected populations of trucks, and possibly use varying methods for counting other vehicle types as well. Although all known variations between data are noted in footnotes, it is possible that some were not apparent from the original data sources and so are not noted.

Table IN-4, together with the miles-traveled data, presents a display of the intensity of vehicle usage. Fuel costs are also shown. These vary widely between countries and reflect full costs including applicable taxes. Over 50 percent of gasoline prices in the European countries can be attributed to taxes. While diesel fuel taxes are less than those on gasoline they are substantial by comparison with those imposed in the United States.

Figure 1 sets forth in graphic form basic social and demographic information along with basic highway indicators derived from the preceding tables. Most striking is the wide variety in population density. Nearly as striking is roads per square mile, which is somewhat parallel in structure to population density. Total automobile vehicle miles traveled corresponds most directly with population but is clearly influenced by other indicators as well. Except for Mexico, all countries have similar GDP per capita. The patterns for gas cost and automobiles per capita are also noteworthy.

**SOCIAL AND DEMOGRAPHIC CHARACTERISTICS  
FOR SELECTED COUNTRIES**

1991

TABLES IN-1  
OCTOBER 1994

	ASIA	EUROPE				AMERICA		
	JAPAN	FRANCE	GERMANY	SWEDEN	UNITED KINGDOM	CANADA	MEXICO	UNITED STATES
Population	124,017,137	56,595,587	80,274,600	8,564,317	57,515,307	26,835,036	90,007,304	252,502,000
Land Area (square miles)	144,689	210,669	134,950	158,660	93,278	3,560,236	742,490	3,536,338
Population Density (persons per square mile)	857.1	268.6	594.8	54.0	616.6	7.5	121.2	71.4
GDP (billion \$) (purchasing power equivalent)	\$2,360.7	\$1,033.7	\$1,331.4	\$147.6	\$915.5	\$521.5	\$289.0	\$5,673.0
GDP per Capita (\$)	\$19,035	\$18,265	\$16,586	\$17,234	\$15,918	\$19,434	\$3,211	\$22,467

Source: Prepared from The World Factbook, 1991 and 1992, Central Intelligence Agency, Washington, D.C.

**ROAD SYSTEM MEASURES FOR SELECTED COUNTRIES**  
1991

TABLES IN-2  
OCTOBER 1994

	ASIA	EUROPE				AMERICA		
	JAPAN	FRANCE	GERMANY	SWEDEN	UNITED KINGDOM <sup>1</sup>	CANADA	MEXICO	UNITED STATES
Major Roads Total Miles	32,230	22,214	32,981	9,639	9,605	92,984	30,429	191,072
Major Roads Miles per 1000 Persons	0.26	0.39	0.41	1.13	0.17	3.47	0.34	0.76
Major Roads Miles per Square Mile	0.22	0.11	0.24	0.06	0.11	0.03	0.04	0.05
Secondary Roads Total Miles	664,003	481,563	362,386	75,361	214,120	434,811	120,125	3,698,227
Secondary Roads Miles per 1000 Persons	5.35	8.51	4.51	8.80	3.82	16.20	1.34	14.65
Secondary Roads Miles per Square Mile	4.59	2.29	2.69	0.48	2.41	0.12	0.16	1.05
All Roads Total Miles	696,233	503,777	395,367	85,000	223,724	527,795	150,555	3,889,299
All Roads Miles per 1000 Persons	5.61	8.90	4.93	9.93	4.00	19.67	1.67	15.40
All Roads Miles per Square Mile	4.81	2.39	2.93	0.54	2.52	0.15	0.20	1.10
Road Investment As % of GDP	N/A	0.7	0.9	0.1	0.6	N/A	N/A	0.6

Sources: Prepared from "World Road Statistics," International Road Federation, 1992; "Highway Statistics," 1991 and 1992, FHWA; and information provided by the Federal Republic of Germany.

<sup>1</sup> The data in this column, except for Road Investment, do not include Northern Ireland.

**TRANSPORTATION INDICATORS FOR SELECTED COUNTRIES**  
1991

TABLES IN-3  
OCTOBER 1994

	ASIA	EUROPE				AMERICA		
	JAPAN	FRANCE	GERMANY	SWEDEN	UNITED KINGDOM <sup>1</sup>	CANADA	MEXICO	UNITED STATES
Number of Automobiles	37,076,065	23,810,000	36,952,000	3,621,114	19,737,000	13,061,084	7,332,118	142,955,623
Number of Motorcycles and Mopeds	17,295,204	3,160,000	3,405,000	103,000	750,000	324,118	218,698	4,177,037
Number of Buses	248,258	70,000	90,000	14,538	109,000	64,208	98,216	631,279
Number of Trucks <sup>2</sup>	22,782,064	4,950,000	7,270,000	955,516	3,915,000	6,823,317	3,290,212	44,785,033
Automobiles per 1000 Persons	299.0	420.7	460.3	422.8	352.5	486.7	81.5	566.2
Motorcycle and Mopeds per 1000 Persons	139.5	55.8	42.4	12.0	13.4	12.1	2.4	16.5
Buses per 1000 Persons	2.0	1.2	1.1	1.7	2.0	2.4	1.1	2.5
Trucks per 1000 Persons <sup>2</sup>	183.7	87.5	90.6	111.6	69.9	254.3	36.6	177.4
Fatalities	11,105	9,617	11,300	623	4,568	3,684	5,700	41,462
Fatality Rate per 100 Million Vehicle Miles	2.7	3.5	3.5	2.3	1.8	2.0	17.6	1.9

Sources: Prepared from "World Road Statistics," International Road Federation, 1992; "Highway Statistics," 1991 and 1992, FHWA; and information provided by the Embassy of the Federal Republic of Germany.

<sup>1</sup> The data in this column do not include Northern Ireland.

<sup>2</sup> The data for Mexico excludes tractor trailers.

## VEHICLE TRAVEL AND FUEL PRICE STATISTICS FOR SELECTED COUNTRIES

1991

TABLE IN-4  
OCTOBER 1994

	ASIA		EUROPE				AMERICA		
	JAPAN		FRANCE	GERMANY <sup>1</sup>	SWEDEN <sup>2</sup>	UNITED KINGDOM	CANADA <sup>2</sup>	MEXICO <sup>3</sup>	UNITED STATES
Total Vehicle Miles of Travel Cars (in millions)	240,480		201,946	288,378	26,999	208,277	138,164	21,887	1,533,552
Total Vehicle Miles of Travel Motorcycles (in millions)	N/A		4,039	6,959	N/A	3,355	743	789	9,178
Total Vehicle Miles of Travel Buses (in millions)	4,465		2,485	2,734	N/A	2,970	1,278	325	5,743
Total Vehicle Miles of Travel Trucks (in millions)	163,486		65,244	26,905	N/A	41,135	48,340	9,401	623,125
Average Vehicle Miles of Travel per Car	6,486		8,482	7,804	7,456	10,553	10,578	2,985	10,727
Average Vehicle Miles of Travel per Motorcycle	N/A		1,278	2,044	N/A	4,474	2,291	3,608	2,197
Average Vehicle Miles of Travel per Bus	17,984		35,507	30,378	N/A	27,249	19,907	3,309	9,097
Average Vehicle Miles of Travel per Truck	7,176		13,181	16,208	N/A	10,507	7,085	2,857	13,914
1991 Gasoline Price Current \$/gallon <sup>4</sup>	\$3.90		\$3.86	\$2.87	\$4.45	\$2.55	\$2.06	N/A	\$1.43
1991 Diesel Price Current \$/gallon	\$2.40		N/A	\$2.67	\$3.58	N/A	\$1.98	N/A	\$0.91

Sources: Prepared from "World Road Statistics," International Road Federation, 1992; "Highway Statistics," 1991 and 1992, FHWA; "North American Transportation" The Bureau of Transportation Statistics; "Transportation Energy Data Book, Edition 14," Oak Ridge National Laboratory; and information provided by the Federal Republic of Germany.

<sup>1</sup> The data in this column on trucks includes only straight, nonagricultural trucks. Data on fuel prices is for West Germany only.

<sup>2</sup> The data in this column on vehicle miles is for 1990.

<sup>3</sup> The data in this column on vehicle miles is for 1989.

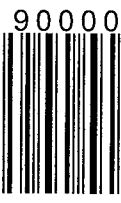
<sup>4</sup> Prices represent the retail price for premium leaded gasoline except for Canada, Japan, and the United States where the price for regular unleaded gasoline is used.



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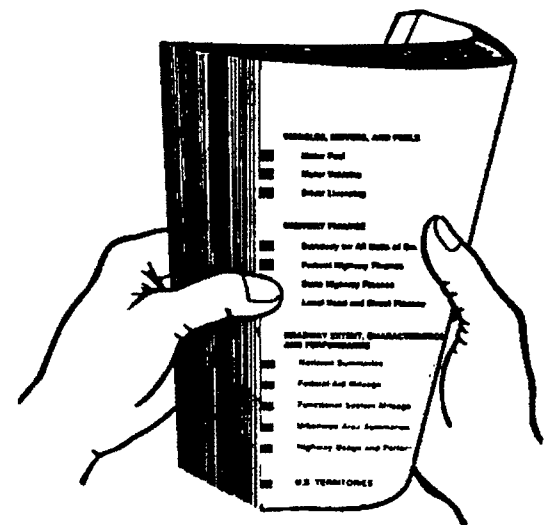
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