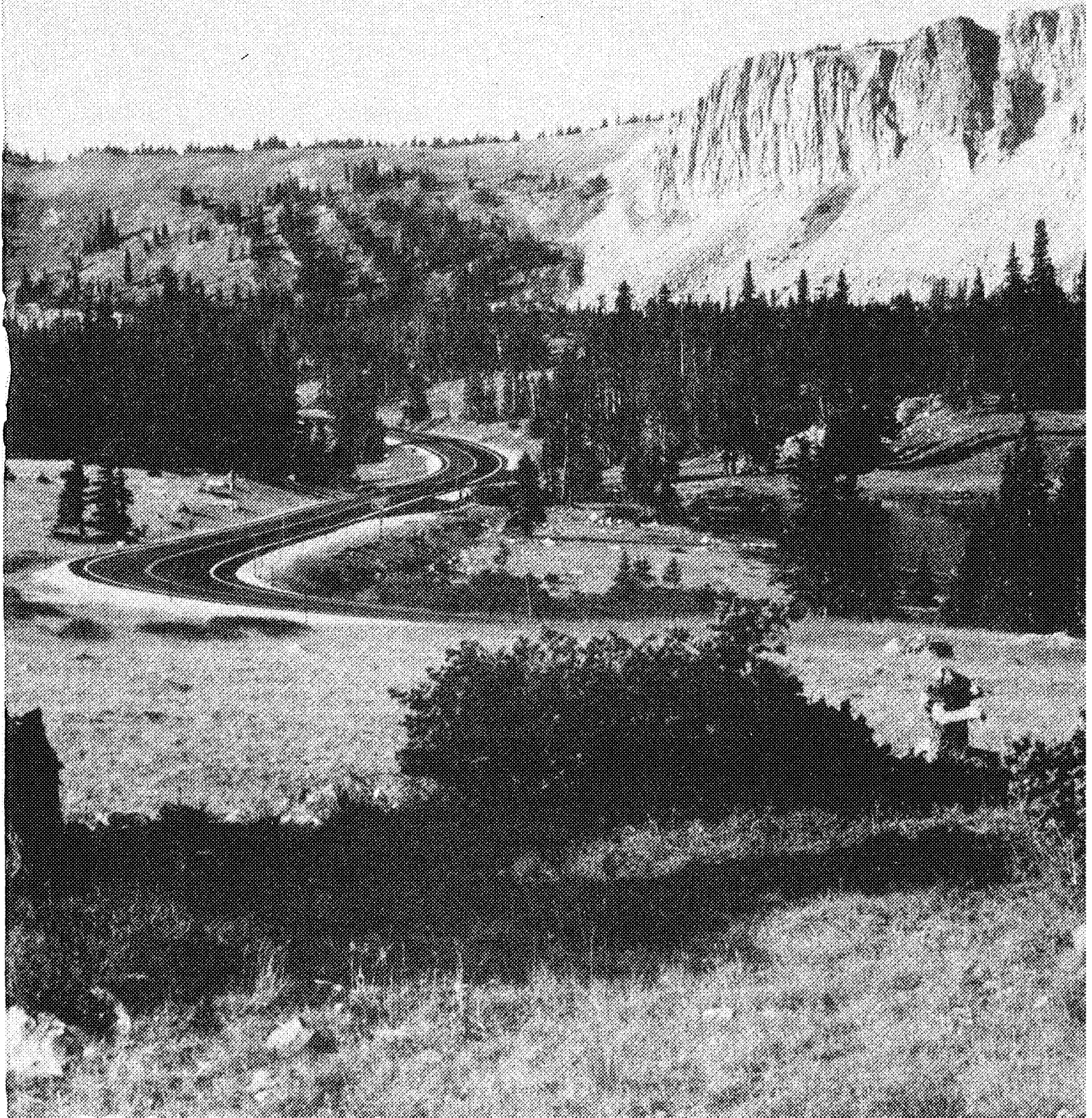




U.S. Department
of Transportation
**Federal Highway
Administration**

Highway Statistics 1988





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of Transportation

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Highway Statistics 1988

Thomas D. Larson
Federal Highway Administrator

Preface

This publication was prepared by the Office of Highway Information Management, Federal Highway Administration. The 44th of an annual series, it presents the 1988 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 1987 highway finance data for municipalities, counties, townships, and other units of local government. A listing of the data is given in the table of contents and a brief description is given in the text accompanying each section.

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

	<i>Stock Number</i>	<i>Cost per Copy</i>
Highway Statistics, 1985	O50-001-00301-5	\$10.00
Highway Statistics, Summary to 1985	O50-001-00303-1	\$11.00
Highway Statistics, 1987	O50-001-00307-4	\$9.50

The annual Highway Statistics for years 1969-1987, 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:

	<i>Accession Number</i>	<i>Cost per Microfiche Copy</i>
Highway Statistics, 1969	PB 197714	\$6.95
Highway Statistics, 1970	PB 206547	\$6.95
Highway Statistics, 1971	PB 220134	\$6.95
Highway Statistics, 1972	PB 231001	\$6.95
Highway Statistics, 1973	PB 239989	\$6.95
Highway Statistics, 1974	PB 255090	\$6.95
Highway Statistics, 1975, Section 1	PB 271953	\$6.95
Highway Statistics, 1975, Section 2	PB 261237	\$6.95
Highway Statistics, 1975, Section 3 and Charts	PB 267552	\$6.95
Highway Statistics, 1975, Section 4	PB 261266	\$6.95
Highway Statistics, Summary to 1975	PB 273520	\$6.95
Highway Statistics, 1976	PB 282479	\$6.95
Highway Statistics, 1977	PB 296097	\$6.95
Highway Statistics, 1978	PB 80-126-808	\$6.95
Highway Statistics, 1979	PB 81-127-367	\$6.95
Highway Statistics, 1980	PB 82-142027	\$6.95
Highway Statistics, 1981	PB 83-128082	\$6.95
Highway Statistics, 1982	PB 84-132968	\$6.95
Highway Statistics, 1983	PB 85-139913	\$6.95
Highway Statistics, 1984	PB 86-156106	\$6.95
Highway Statistics, 1985	PB 87-128666	\$6.95
Highway Statistics, Summary to 1985	PB 87-191458	\$6.95
Highway Statistics, 1986	PB 88-149067	\$6.95
Highway Statistics, 1987	PB 89-127369	\$6.95

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

Highway Statistics, 1975, Section 1	PB 271953	\$4.00
Highway Statistics, 1975, Section 2	PB 261237	\$4.00
Highway Statistics, 1975, Section 3	PB 267552	\$4.00
Highway Statistics, 1975, Section 4	PB 261266	\$4.00
Highway Statistics, Summary to 1975	PB 273520	\$4.75

Highway Statistics, 1976	PB 282479	\$4.75
Highway Statistics, 1977	PB 296097	\$5.25
Highway Statistics, 1978	PB 80-126-808	\$5.50
Highway Statistics, 1979	PB 81-127-367	\$6.00
Highway Statistics, 1980	PB 82-142027	\$7.00
Highway Statistics, 1981	PB 83-128082	\$7.00
Highway Statistics, 1982	PB 84-132968	\$6.00
Highway Statistics, 1983	PB 85-139913	\$7.00
Highway Statistics, 1984	PB 86-156106	\$13.50
Highway Statistics, 1985	PB 87-128666	\$24.95
Highway Statistics, Summary to 1985	PB 87-191458	\$24.95
Highway Statistics, 1986	PB 88-149067	\$21.95
Highway Statistics, 1987	PB 89-127369	\$21.95

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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 the financing of highways by all government agencies; the fifth section provides data on highway mileages and performance; and the sixth section gives statistics for the U.S. Territories and the Commonwealth of Puerto Rico.

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

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

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

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

FEDERAL AGENCIES

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

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

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

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

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

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

STATE AGENCIES

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

COUNTIES AND TOWNSHIPS

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

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

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

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

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

MUNICIPALITIES

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

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

URBAN AREAS

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

INDIVIDUAL UNIT STATISTICS

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

DUPLICATIONS

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

MOTOR FUEL

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

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

MOTOR-FUEL TAX COLLECTIONS

The motor-fuel tax collections for all States are given in table MF-1, and the disposition of these revenues is given in table MF-3. These tables can be found in the Highway Finance Section. In most States, the tax on aviation fuel is either refunded or placed in a special fund for aviation purposes. Similarly, some States place in a separate fund all or part of the tax paid on fuel used by marine craft and use these funds for the improvement of marine facilities. When revenue from fuels used for nonhighway purposes has been dedicated for specific purposes and placed in a separate fund, it has been shown in column 8 of table MF-1. The last column of the table, "Adjusted Net Total Receipts," lists the State highway-user revenues derived from motor fuel.

Diesel fuel is the most widely used of the special fuels. At the end of 1988, twelve States reported higher tax rates on diesel fuel than on gasoline and five States reported lower rates.

As of December 31, 1988 State gasoline tax rates ranged from 7.5 to 20.9 cents per gallon with a majority of the States charging 14 cents or more per gallon. Tax rates in effect for 1988 for gasoline and other motor fuels are given in table MF-121T.

The words "exemption" and "refund" have not been used interchangeably. In this publication, exemption has been applied when the State purposely did not collect the tax, and refund has been applied when the State collected the tax and later returned it, in whole or in part. Exemptions are most frequently granted on motor fuel purchased by the Federal Government; they are also granted as allowances for loss through evaporation, spillage, etc. Refunds are granted for

nonhighway uses of motor fuel such as for agriculture, aviation, manufacturing, construction, and marine purposes. In most States, gasoline used for nonhighway purposes is taxed but the tax is refundable, whereas special fuels used for nonhighway purposes are not taxed.

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

MOTOR-FUEL USE

Analyses of 1988 motor-fuel consumption are given in tables MF-2, MF-21, MF-21A, MF-24, MF-25 and MF-26. Table MF-2, intended primarily to provide tax data for revenue analysis, shows gallonage taxed, exempted, and refunded regardless of the use of the fuel. The amounts of motor fuel used for highway and nonhighway purposes are shown separately in tables MF-21, MF-21A and MF-24. These tables do not include data on fuel purchased by the Federal Government for military use or fuel exported from the United States. In tables MF-21, MF-21A and MF-24, adjustments have been made to allow for losses from destruction, evaporation, spillage, etc. Table MF-25 shows private and commercial highway use of special fuels by month for all States, and MF-26 gives highway use of gasoline. Table MF-33GA shows, by month, for the calendar year, gasoline data which have been reported in the monthly publication, "Monthly Motor Fuel Reported by States". Since the data in this table are taken from monthly reports issued by State fuel-tax agencies, and no year-end adjustments have been made, the totals will not agree with those shown in table MF-21A. Adjustments are made in the annual data to exclude percentage losses in excess of 1 percent and to reflect usage rather than tax collections. Table MF-33GLA shows gasohol (ethanol blends) sales by month for those States that were able to report data separately from gasoline.

TOTAL GASOLINE USE - 1988¹COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-21A
SEPTEMBER 1989

STATE	HIGHWAY				NONHIGHWAY			TOTAL
	PRIVATE AND COMMERCIAL	PUBLIC		TOTAL	PRIVATE AND COMMERCIAL	STATE, COUNTY, MUNICIPAL	TOTAL	
		FEDERAL	STATE, COUNTY, MUNICIPAL					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ALABAMA	1,948,841	3,127	30,908	1,982,876	46,795	10,303	57,098	2,039,974
ALASKA	202,280	2,086	5,393	209,759	28,623	1,798	30,421	240,180
ARIZONA	1,642,169	5,788	17,503	1,665,460	37,313	5,834	43,147	1,708,607
ARKANSAS	1,192,418	1,759	15,694	1,209,871	38,577	5,231	43,808	1,253,679
CALIFORNIA	12,306,940	27,615	221,176	12,555,731	267,183	73,725	340,908	12,896,639
COLORADO	1,480,274	4,864	21,485	1,506,623	32,288	7,162	39,450	1,546,073
CONNECTICUT	1,337,750	2,803	18,554	1,359,107	26,115	6,185	32,300	1,391,407
DELAWARE	328,980	592	4,670	334,242	11,202	1,557	12,759	347,001
DIST. OF COL.	174,107	3,409	2,760	180,276	3,229	920	4,149	184,425
FLORIDA	5,573,870	9,238	165,328	5,748,436	226,630	55,109	281,739	6,030,175
GEORGIA	3,376,439	6,416	52,168	3,435,023	90,312	17,389	107,701	3,542,724
HAWAII	341,119	1,085	6,759	348,963	17,954	2,253	20,207	369,170
IDAHO	416,489	3,137	16,970	436,596	33,826	5,657	39,483	476,079
ILLINOIS	4,741,891	6,616	54,973	4,803,480	95,940	18,324	114,264	4,917,744
INDIANA	2,598,482	1,971	45,276	2,645,729	69,508	15,092	84,600	2,730,329
IOWA	1,255,629	1,863	31,311	1,288,803	81,848	10,437	92,285	1,381,088
KANSAS	1,234,310	1,815	17,912	1,254,037	49,643	5,971	55,614	1,309,651
KENTUCKY	1,751,078	3,291	51,270	1,805,639	47,121	17,090	64,211	1,869,850
LOUISIANA	1,936,595	3,002	30,032	1,969,629	90,642	10,011	100,653	2,070,282
MAINE	609,288	810	13,096	623,194	25,220	4,365	29,585	652,779
MARYLAND	1,987,816	4,586	21,516	2,013,918	61,182	7,172	68,354	2,082,272
MASSACHUSETTS	2,420,350	4,459	23,224	2,448,033	60,197	7,741	67,938	2,515,971
MICHIGAN	4,104,498	5,174	86,976	4,196,648	115,197	28,992	144,189	4,340,837
MINNESOTA	1,909,020	3,340	30,708	1,943,068	118,480	10,236	128,716	2,071,784
MISSISSIPPI	1,173,658	2,499	20,430	1,196,587	48,863	6,810	55,673	1,252,260
MISSOURI	2,651,306	3,709	20,636	2,675,651	68,233	6,879	75,112	2,750,763
MONTANA	399,502	2,936	9,688	412,126	30,481	3,229	33,710	445,836
NEBRASKA	713,861	1,787	17,064	732,712	52,639	5,688	58,327	791,039
NEVADA	568,420	4,095	10,246	582,761	13,195	3,415	16,610	599,371
NEW HAMPSHIRE	503,129	818	7,323	511,270	9,031	2,441	11,472	522,742
NEW JERSEY	3,264,275	5,574	80,390	3,350,239	59,699	26,797	86,496	3,436,735
NEW MEXICO	775,681	5,033	14,933	795,647	18,236	4,978	23,214	818,861
NEW YORK	5,395,320	12,690	76,174	5,484,184	130,476	25,391	155,867	5,640,051
NORTH CAROLINA	3,151,919	3,372	82,861	3,238,152	83,199	27,620	110,819	3,348,971
NORTH DAKOTA	309,977	1,336	9,263	320,576	40,926	3,088	44,014	364,590
OHIO	4,665,313	5,571	78,773	4,749,657	182,995	26,258	209,253	4,958,910
OKLAHOMA	1,529,077	3,197	43,249	1,575,523	58,576	14,416	72,992	1,648,515
OREGON	1,281,211	5,017	30,038	1,316,266	35,403	10,013	45,416	1,361,682
PENNSYLVANIA	4,517,979	8,104	59,950	4,586,033	86,644	19,983	106,627	4,692,660
RHODE ISLAND	374,877	856	4,488	380,221	12,556	1,496	14,052	394,273
SOUTH CAROLINA	1,469,828	3,192	29,796	1,502,816	74,600	9,932	84,532	1,587,348
SOUTH DAKOTA	346,472	1,802	9,361	357,635	30,807	3,120	33,927	391,562
TENNESSEE	2,393,210	6,307	42,179	2,441,696	60,525	14,060	74,585	2,516,281
TEXAS	8,196,564	13,556	269,790	8,479,910	298,538	89,930	388,468	8,868,378
UTAH	736,896	2,561	11,335	750,792	17,526	3,778	21,304	772,096
VERMONT	273,019	386	4,887	278,292	8,342	1,629	9,971	288,263
VIRGINIA	2,873,873	5,380	54,413	2,933,666	59,553	18,138	77,691	3,011,357
WASHINGTON	2,045,480	7,528	34,176	2,087,184	54,817	11,392	66,209	2,153,393
WEST VIRGINIA	768,148	1,473	39,138	808,759	15,121	13,046	28,167	836,926
WISCONSIN	1,975,270	2,693	34,281	2,012,244	75,032	11,427	86,459	2,098,703
WYOMING	280,347	1,611	8,627	290,585	22,787	2,876	25,663	316,248
TOTAL	107,505,245	221,929	2,089,151	109,816,325	3,323,825	696,384	4,020,209	113,836,534

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

PRIVATE AND COMMERCIAL NONHIGHWAY USE OF GASOLINE - 1988¹COMPILED FOR THE CALENDAR YEAR
FROM AN ANALYSIS OF MOTOR-FUEL USE

(THOUSANDS OF GALLONS)

TABLE MF-24
SEPTEMBER 1989

STATE	AGRICULTURAL USE	AVIATION 2/	INDUSTRIAL AND COMMERCIAL	CONSTRUCTION	MARINE	MISCEL- LANEOUS 3/	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ALABAMA	6,805	5,040	6,276	3,178	25,496	-	46,795
ALASKA	382	15,158	1,483	840	10,428	332	28,623
ARIZONA	6,439	6,808	4,384	6,307	13,375	-	37,313
ARKANSAS	14,775	3,690	3,068	1,253	15,791	-	38,577
CALIFORNIA	40,240	48,373	48,164	37,611	91,500	1,295	267,183
COLORADO	14,547	6,207	2,627	2,990	5,614	303	32,288
CONNECTICUT	2,165	1,795	4,402	4,739	12,232	782	26,115
DELAWARE	1,517	662	217	633	8,045	128	11,202
DIST. OF COL.	-	-	937	1,679	613	-	3,229
FLORIDA	5,378	32,681	17,615	16,796	154,160	-	226,630
GEORGIA	10,049	8,429	29,932	8,798	31,274	1,830	90,312
HAWAII	1,944	10,484	1,435	1,287	2,804	-	17,954
IDAHO	14,600	1,937	2,036	626	4,371	10,256	33,826
ILLINOIS	45,292	6,948	7,217	10,831	20,883	4,769	95,940
INDIANA	22,293	16,109	5,209	6,471	15,359	4,067	69,508
IOWA	48,449	5,405	9,556	1,546	12,980	3,912	81,848
KANSAS	28,294	5,498	5,056	2,435	7,284	1,076	49,643
KENTUCKY	13,854	2,297	15,555	3,780	11,635	-	47,121
LOUISIANA	8,638	4,486	2,794	3,138	71,586	-	90,642
MAINE	3,620	2,449	1,205	753	17,165	28	25,220
MARYLAND	5,673	3,453	1,771	7,458	42,827	-	61,182
MASSACHUSETTS	2,709	4,716	7,022	7,902	37,848	-	60,197
MICHIGAN	25,204	8,998	8,355	11,500	58,224	2,916	115,197
MINNESOTA	45,227	6,182	3,999	4,616	58,456	-	118,480
MISSISSIPPI	12,761	4,820	12,049	1,996	16,136	1,101	48,863
MISSOURI	30,771	5,987	2,078	4,832	20,935	3,630	68,233
MONTANA	17,412	4,003	6,585	348	2,133	-	30,481
NEBRASKA	40,119	3,564	3,799	1,093	4,064	-	52,639
NEVADA	1,619	4,420	2,623	1,888	2,645	-	13,195
NEW HAMPSHIRE	1,070	1,386	571	1,219	1,208	3,577	9,031
NEW JERSEY	5,326	5,646	6,108	10,738	31,315	566	59,699
NEW MEXICO	4,069	2,043	8,533	1,488	2,103	-	18,236
NEW YORK	28,345	3,884	12,828	18,477	45,630	21,312	130,476
NORTH CAROLINA	18,451	8,795	4,726	8,087	41,881	1,259	83,199
NORTH DAKOTA	33,711	1,175	3,758	429	1,853	-	40,926
OHIO	23,380	12,344	7,826	12,179	25,569	101,697	182,995
OKLAHOMA	17,105	6,384	14,560	1,842	18,685	-	58,576
OREGON	10,949	3,643	4,760	1,935	14,081	35	35,403
PENNSYLVANIA	22,382	6,956	24,271	11,979	21,056	-	86,644
RHODE ISLAND	295	1,714	184	938	9,425	-	12,556
SOUTH CAROLINA	6,484	4,674	16,747	3,919	42,776	-	74,600
SOUTH DAKOTA	19,312	3,289	3,231	466	2,307	2,202	30,807
TENNESSEE	13,917	6,809	3,784	6,048	22,168	7,799	60,525
TEXAS	57,040	37,700	101,348	16,092	73,014	13,344	298,538
UTAH	5,669	4,142	1,756	1,426	4,533	-	17,526
VERMONT	3,790	629	1,002	423	2,498	-	8,342
VIRGINIA	7,320	2,716	12,357	9,476	24,587	3,097	59,553
WASHINGTON	11,856	7,983	10,478	6,286	17,829	385	54,817
WEST VIRGINIA	1,795	1,432	7,179	981	3,734	-	15,121
WISCONSIN	29,174	3,102	3,687	3,907	34,483	679	75,032
WYOMING	13,881	1,974	5,377	268	1,287	-	22,787
TOTAL	806,097	359,019	472,520	275,927	1,217,885	192,377	3,323,825
PERCENTAGE	24.25	10.80	14.22	8.30	36.64	5.79	100.00

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

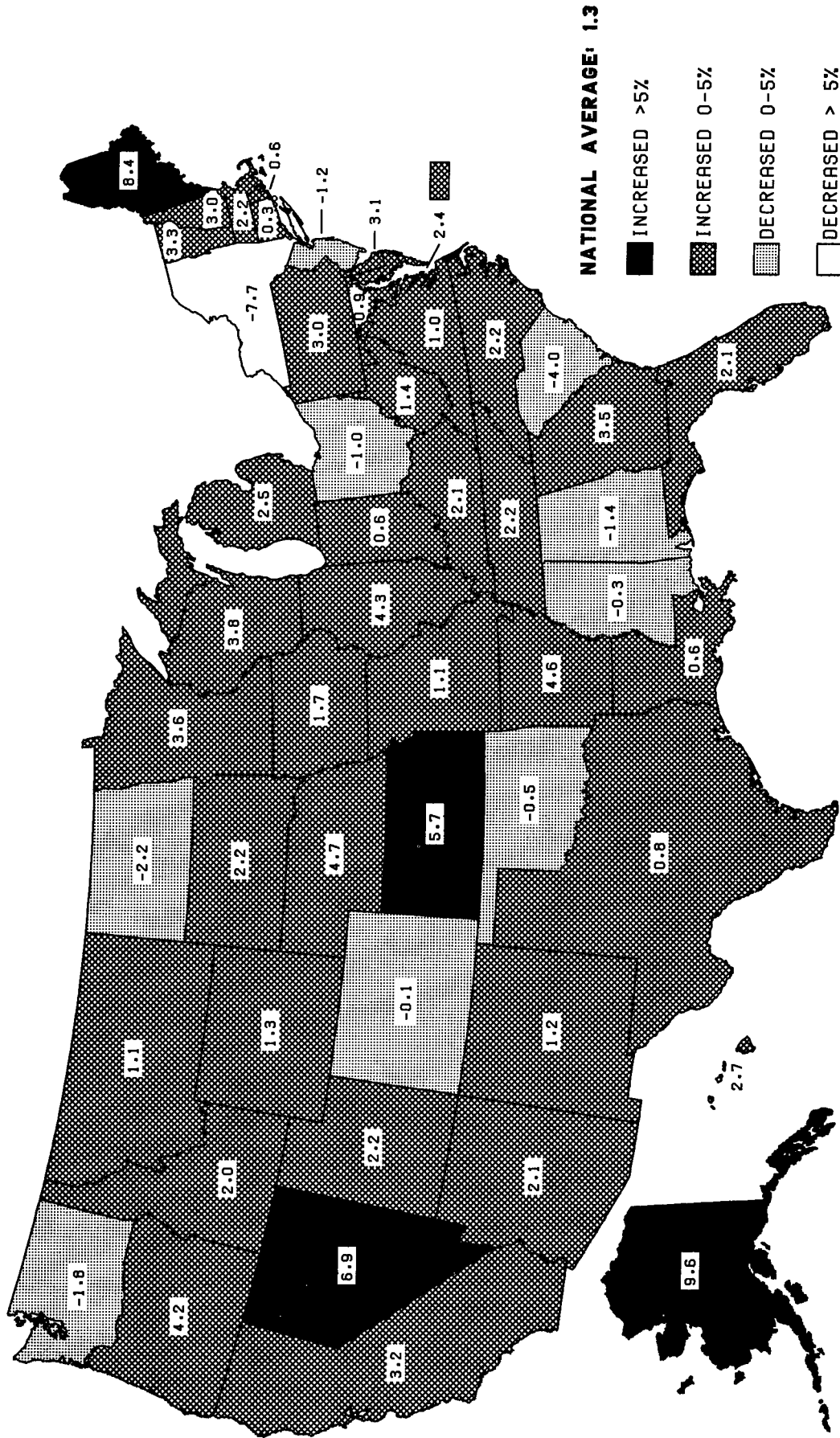
2/ DOES NOT INCLUDE AVIATION JET FUEL.

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

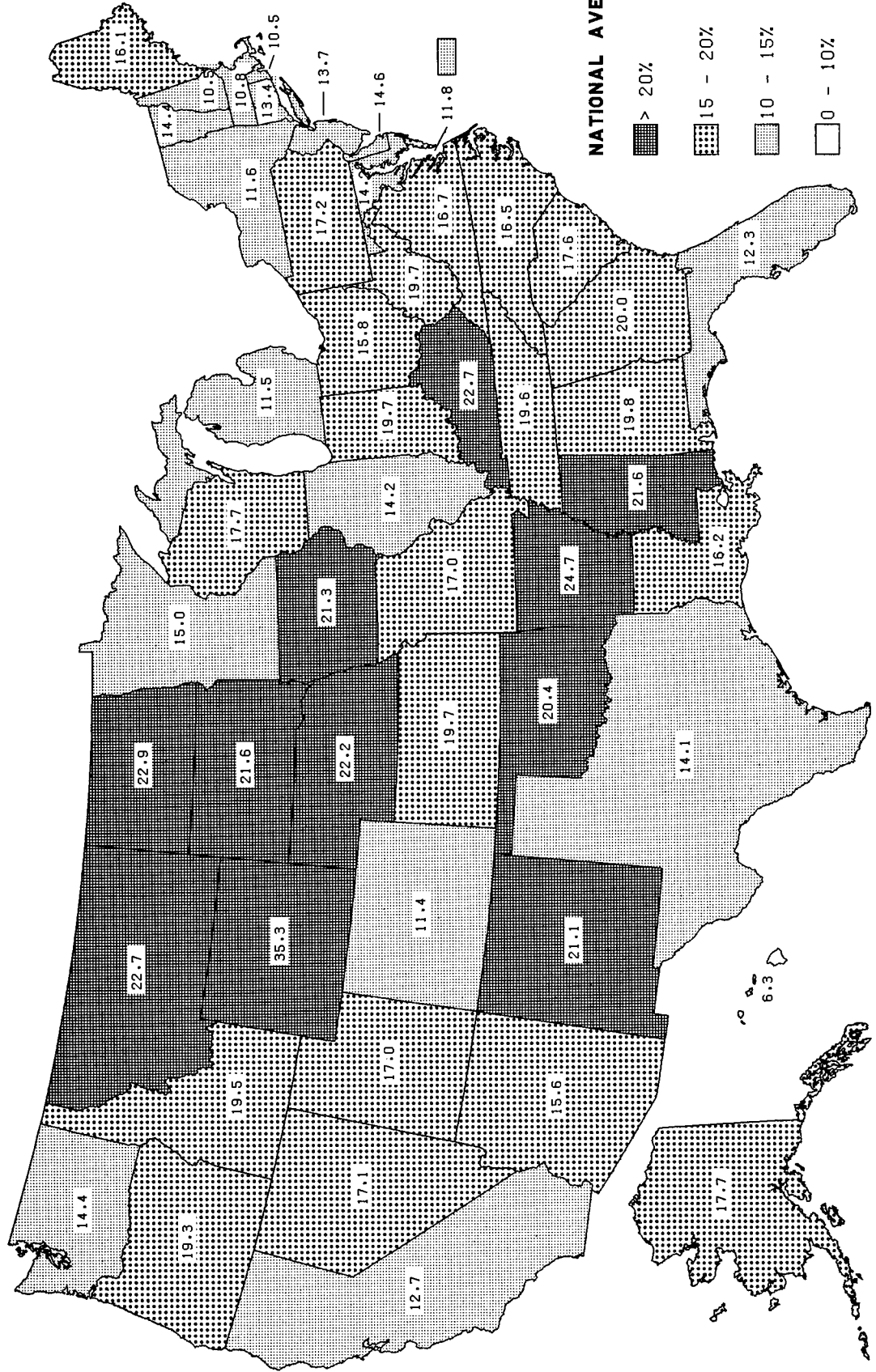
NOTE: THIS TABLE IS ONE OF A SERIES (MF-21 THROUGH MF-26) GIVING AN ANALYSIS OF MOTOR FUEL CONSUMPTION.

PERCENT CHANGE IN HIGHWAY USE OF GASOLINE

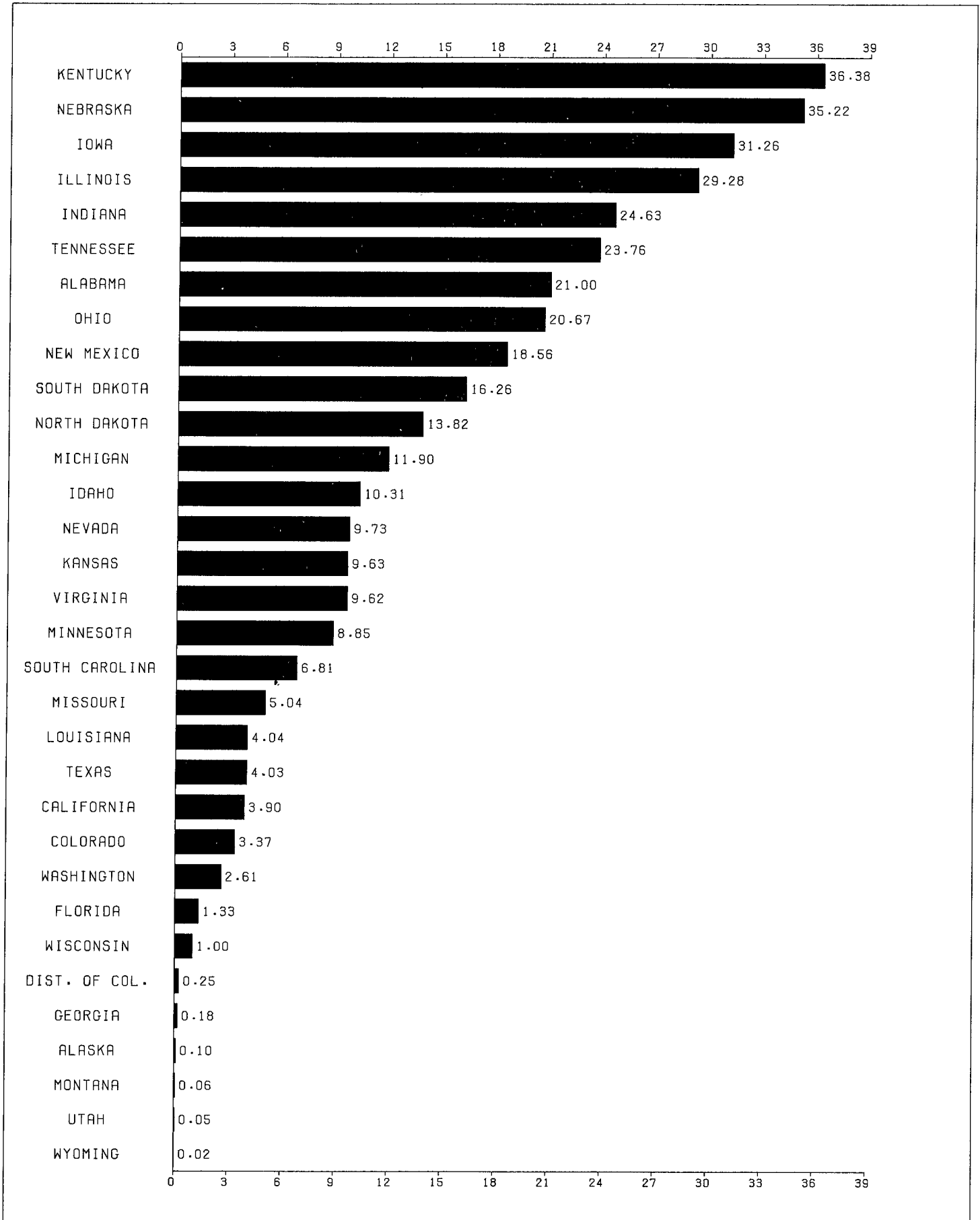
1987 - 1988



SPECIAL FUELS AS PERCENT OF TOTAL HIGHWAY USE OF MOTOR FUEL - 1988



GASOHOL AS A PERCENT OF HIGHWAY USE GASOLINE - 1988



MOTOR VEHICLES

VEHICLE REGISTRATIONS

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

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

Registration practices for commercial vehicles differ greatly among the States. Some States register a tractor-semitrailer combination as a single unit; others register the tractor and the semitrailer separately. For either, only the power units have been included in the truck count in table MV-1. Some States register buses with trucks or automobiles; many States do not report house and light utility trailers separately from commercial trailers or semitrailers; and some States do not require registration of car or light utility trailers. In some instances the Federal Highway Administration 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, 10, and 11, respectively. Although the detail of motor-vehicle data has

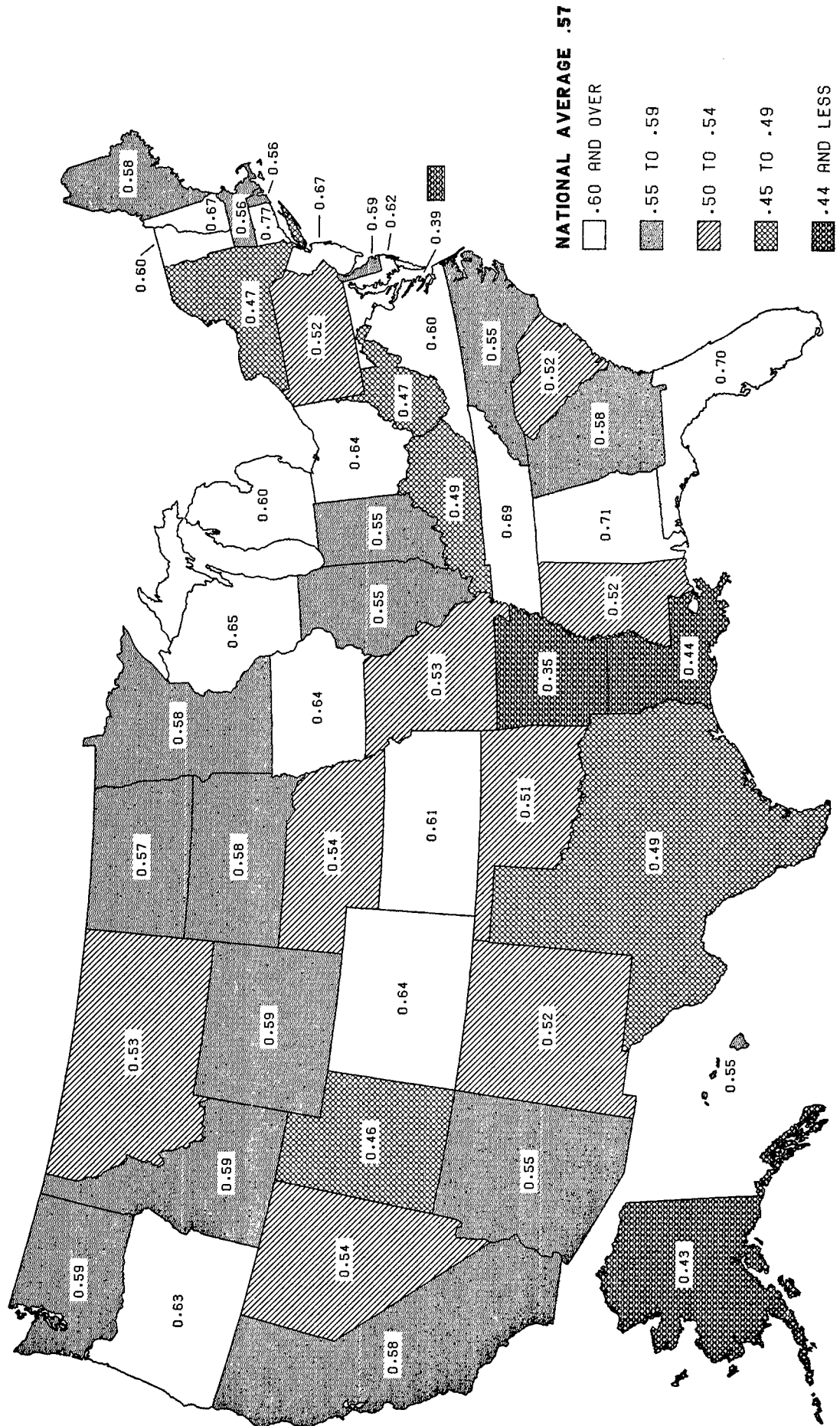
improved in recent years, it is not yet possible to obtain from all States separate data on single-unit trucks and combinations. Some States provide data for light trucks and truck tractors, but for many States, the Federal Highway Administration estimates this information using other data sources, such as the Truck Inventory and Use Survey conducted by the Bureau of the Census. Table MV-9 contains a light truck column that includes pickups, panels, and delivery vans generally of 10,000 pounds or less gross vehicle weight.

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

REGISTRATION TAXES AND FEES

Taxes and fees connected with State motor-vehicle registrations and special taxes on motor carriers are given in table MV-2, and the disposition of these taxes is given in table MV-3. These tables can be found in the Highway Finance Section. The diversity of taxes and fees collected has made it necessary to group them into broad general classes, the most important being registration fees. The amounts shown are those collected solely as highway-user revenues and do not include any amounts, such as personal property levies, that are derived from taxes other than those incident to motor-vehicle ownership and operation. (Although portions of these revenues are later used in some States for nonhighway purposes, it is the source rather than the expenditure of the revenues that has determined their inclusion here.) Motor-vehicle registration fee schedules (table MV-103) and the 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, 1987*.

PRIVATE AND COMMERCIAL AUTOMOBILES PER CAPITA - 1988



BUS REGISTRATIONS - 1988

TABLE MV-10
SEPTEMBER 1989

STATE	PRIVATE AND COMMERCIAL 1/			PUBLICLY OWNED			TOTAL BUSES		
	COMMER- CIAL BUSES	SCHOOL AND OTHER 2/	TOTAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL (SCHOOL) 3/	TOTAL	TOTAL SCHOOL AND OTHER 2/	TOTAL COMMER- CIAL AND FEDERAL	GRAND TOTAL
ALABAMA	2,010	180	2,190	38	6,215	6,253	6,395	2,048	8,443
ALASKA	1,199	531	1,730	70	234	304	765	1,269	2,034
ARIZONA	1,103	203	1,306	363	2,567	2,930	2,770	1,466	4,236
ARKANSAS	44	1,105	1,149	28	4,081	4,109	5,186	72	5,258
CALIFORNIA	13,835	9,005	22,840	434	14,259	14,693	23,264	14,269	37,533
COLORADO	614	842	1,456	41	4,022	4,063	4,864	655	5,519
CONNECTICUT	2,515	5,438	7,953	11	696	707	6,134	2,526	8,660
DELAWARE	332	1,309	1,641	5	150	155	1,459	337	1,796
DIST. OF COL.	2,327	150	2,477	228	100	328	250	2,555	2,805
FLORIDA	3,641	1,136	4,777	193	30,573	30,766	31,709	3,834	35,543
GEORGIA	1,148	2,177	3,325	99	14,408	14,507	16,585	1,247	17,832
HAWAII	2,622	685	3,307	26	851	877	1,536	2,648	4,184
IDAHO	851	397	1,248	147	2,089	2,236	2,486	998	3,484
ILLINOIS	5,260	10,177	15,437	79	2,514	2,593	12,691	5,339	18,030
INDIANA	4,219	5,133	9,352	51	11,347	11,398	16,480	4,270	20,750
IOWA	1,116	267	1,383	12	7,000	7,012	7,267	1,128	8,395
KANSAS	382	1,179	1,561	12	2,191	2,203	3,370	394	3,764
KENTUCKY	1,156	728	1,884	148	7,685	7,833	8,413	1,304	9,717
LOUISIANA	870	14,158	15,028	23	4,554	4,577	18,712	893	19,605
MAINE	174	436	610	11	5,168	5,179	5,604	185	5,789
MARYLAND	2,658	3,863	6,521	141	4,210	4,351	8,073	2,799	10,872
MASSACHUSETTS	3,444	7,066	10,510	77	347	424	7,413	3,521	10,934
MICHIGAN	2,522	6,385	8,907	73	13,537	13,610	19,922	2,595	22,517
MINNESOTA	2,213	3,775	5,988	7	7,083	7,090	10,858	2,220	13,078
MISSISSIPPI	810	2,235	3,045	75	5,220	5,295	7,455	885	8,340
MISSOURI	1,033	2,873	3,906	34	7,641	7,675	10,514	1,067	11,581
MONTANA	395	673	1,068	19	852	871	1,525	414	1,939
NEBRASKA	525	570	1,095	9	3,021	3,030	3,591	534	4,125
NEVADA	1,345	155	1,500	139	114	253	269	1,484	1,753
NEW HAMPSHIRE	346	993	1,339	2	299	301	1,292	348	1,640
NEW JERSEY	5,372	8,994	14,366	61	3,000	3,061	11,994	5,433	17,427
NEW MEXICO	547	2,013	2,560	294	562	856	2,575	841	3,416
NEW YORK	12,639	6,529	19,168	206	7,971	8,177	14,500	12,845	27,345
NORTH CAROLINA	1,968	7,051	9,019	53	24,508	24,561	31,559	2,021	33,580
NORTH DAKOTA	108	460	568	66	1,470	1,536	1,930	174	2,104
OHIO	7,928	3,022	10,950	78	22,586	22,664	25,608	8,006	33,614
OKLAHOMA	353	1,466	1,819	130	10,775	10,905	12,241	483	12,724
OREGON	1,440	2,133	3,573	66	6,266	6,332	8,399	1,506	9,905
PENNSYLVANIA	8,155	15,722	23,877	115	6,363	6,478	22,085	8,270	30,355
RHODE ISLAND	287	1,239	1,526	5	5	10	1,244	292	1,536
SOUTH CAROLINA	886	3,718	4,604	32	9,053	9,085	12,771	918	13,689
SOUTH DAKOTA	283	389	672	118	1,213	1,331	1,602	401	2,003
TENNESSEE	1,769	1,370	3,139	70	9,605	9,675	10,975	1,839	12,814
TEXAS	3,116	12,354	15,470	234	44,371	44,605	56,725	3,350	60,075
UTAH	324	75	399	38	718	756	793	362	1,155
VERMONT	92	541	633	4	785	789	1,326	96	1,422
VIRGINIA	2,174	243	2,417	215	13,613	13,828	13,856	2,389	16,245
WASHINGTON	765	1,990	2,755	183	4,702	4,885	6,692	948	7,640
WEST VIRGINIA	914	64	978	42	2,752	2,794	2,816	956	3,772
WISCONSIN	1,489	6,707	8,196	22	4,108	4,130	10,815	1,511	12,326
WYOMING	808	127	935	9	1,422	1,431	1,549	817	2,366
TOTAL	112,126	160,031	272,157	4,636	338,876	343,512	498,907	116,762	615,669

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

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

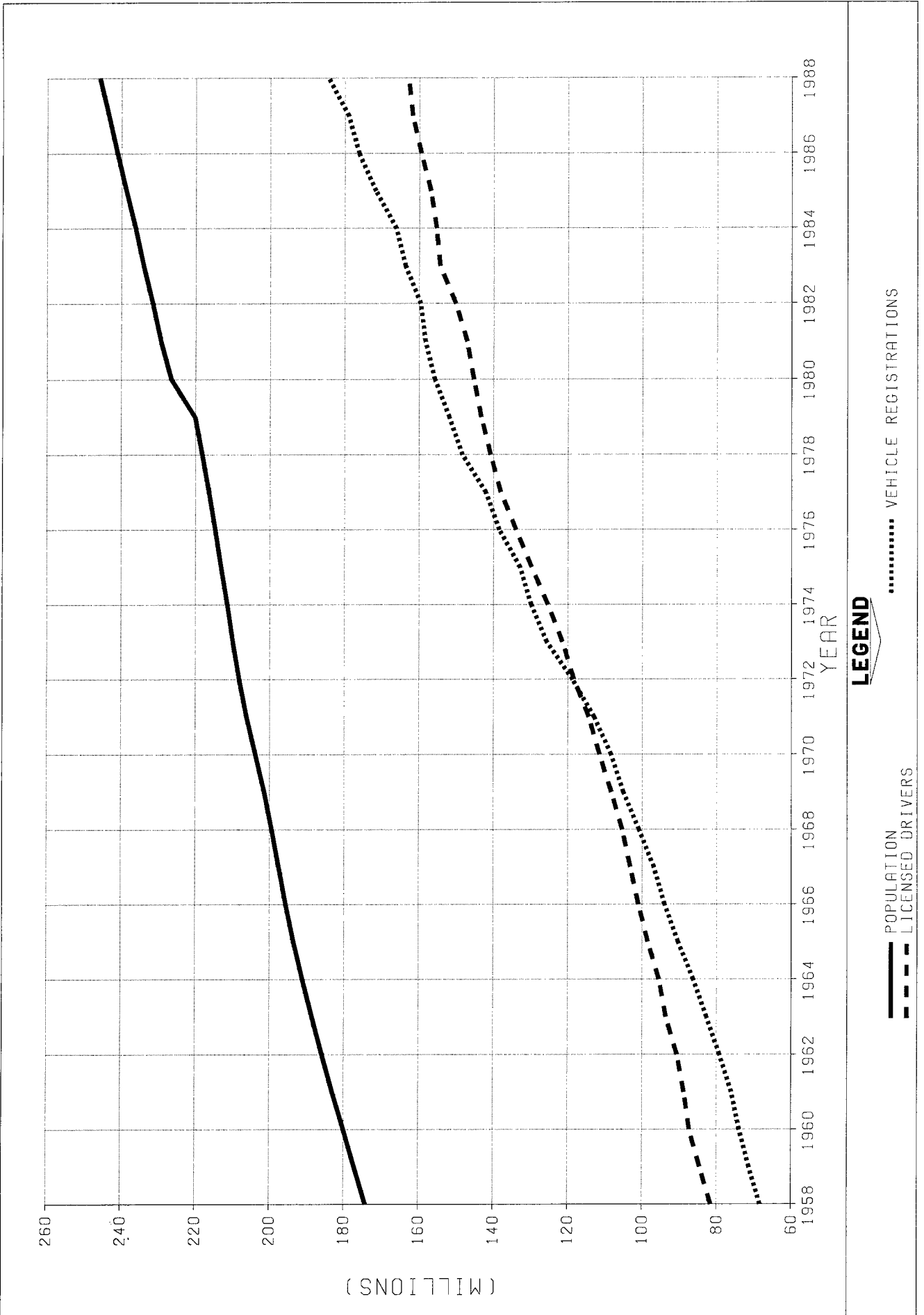
3/ THIS COLUMN CONSISTS PRIMARILY OF PUBLICLY OWNED SCHOOL BUSES BUT INCLUDES A FEW PRIVATELY OWNED SCHOOL, INSTITUTIONAL, AND INDUSTRIAL BUSES REGISTERED FREE OR AT A REDUCED RATE. MUNICIPALLY OWNED TRANSIT BUSES ARE INCLUDED WITH COMMERCIAL BUSES. THIS INFORMATION, COMPILED CHIEFLY FROM REPORTS OF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

TRAILER AND SEMITRAILER REGISTRATIONS - 1988¹COMPILED FOR THE CALENDAR YEAR FROM REPORTS
OF STATE AUTHORITIES AND OTHER SOURCESTABLE MV-11
SEPTEMBER 1989

STATE	PRIVATE AND COMMERCIAL				PUBLICLY OWNED			GRAND TOTAL
	COMMERCIAL TRAILERS 2/	LIGHT FARM TRAILERS, CAR TRAILERS, ETC. 3/	HOUSE TRAILERS 4/	TOTAL	BY FEDERAL GOVERNMENT	BY STATE, COUNTY, AND MUNICIPAL GOVERNMENT	TOTAL	
ALABAMA	42,720	50,149	28,036	120,905	13	927	940	121,845
ALASKA	9,773	-	41,525	51,298	118	340	458	51,756
ARIZONA	43,491	153,846	75,802	273,139	86	3,434	3,520	276,659
ARKANSAS	42,064	264,307	13,188	319,559	5	254	259	319,818
CALIFORNIA	553,529	799,877	404,483	1,757,889	325	35,366	35,691	1,793,580
COLORADO	56,336	169,009	71,162	296,507	72	2,019	2,091	298,598
CONNECTICUT	27,094	139,518	-	166,612	11	2,315	2,326	168,938
DELAWARE	16,004	26,165	-	42,169	6	460	466	42,635
DIST. OF COL.	98	1,049	-	1,147	135	314	449	1,596
FLORIDA	103,774	879,609	-	983,383	163	25,473	25,636	1,009,019
GEORGIA	83,831	340,901	24,060	448,792	110	2,432	2,542	451,334
HAWAII	3,575	15,410	-	18,985	4	506	510	19,495
IDAHO	15,428	95,638	31,845	142,911	53	3,271	3,324	146,235
ILLINOIS	126,218	334,166	84,423	544,807	207	1,172	1,379	546,186
INDIANA	73,673	228,798	61,334	363,805	30	1,860	1,890	365,695
IOWA	54,571	211,524	84,575	350,670	18	2,375	2,393	353,063
KANSAS	68,490	19,783	15,563	103,836	16	839	855	104,691
KENTUCKY	40,125	25,160	26,938	92,223	54	491	545	92,768
LOUISIANA	217,753	202,943	8,983	429,679	23	2,112	2,135	431,814
MAINE	449,968	112,047	-	562,015	7	2,434	2,441	564,456
MARYLAND	18,070	171,171	-	189,241	92	343	435	189,676
MASSACHUSETTS	24,810	182,361	-	207,171	65	144	209	207,380
MICHIGAN	88,040	614,027	98,735	800,802	76	4,012	4,088	804,890
MINNESOTA	93,782	437,461	69,434	600,677	73	2,664	2,737	603,414
MISSISSIPPI	27,332	57,286	8,444	93,062	28	1,017	1,045	94,107
MISSOURI	65,024	371,182	-	436,206	111	366	477	436,683
MONTANA	3,510	75,400	33,591	112,501	47	1,888	1,935	114,436
NEBRASKA	51,525	152,662	-	204,187	11	753	764	204,951
NEVADA	4,928	64,398	26,389	95,715	42	1,092	1,134	96,849
NEW HAMPSHIRE	11,832	76,493	-	88,325	3	1,016	1,019	89,344
NEW JERSEY	44,748	272,345	-	317,093	143	100	243	317,336
NEW MEXICO	38,295	38,214	49,094	125,603	124	2,537	2,661	128,264
NEW YORK	40,931	487,563	-	528,494	316	2,665	2,981	531,475
NORTH CAROLINA	85,141	411,018	4,931	501,090	39	6,921	6,960	508,050
NORTH DAKOTA	16,826	20,083	14,775	51,684	8	560	568	52,252
OHIO	140,711	311,844	102,268	554,823	111	4,489	4,600	559,423
OKLAHOMA	52,312	50,897	6,029	109,238	31	1,537	1,568	110,806
OREGON	44,084	93,957	125,577	263,618	88	7,226	7,314	270,932
PENNSYLVANIA	105,400	300,393	153,922	559,715	182	3,475	3,657	563,372
RHODE ISLAND	6,812	31,318	-	38,130	7	656	663	38,793
SOUTH CAROLINA	34,638	27,521	116	62,275	29	924	953	63,228
SOUTH DAKOTA	23,705	72,394	21,921	118,020	27	1,247	1,274	119,294
TENNESSEE	26,714	36,658	66	63,438	51	273	324	63,762
TEXAS	197,012	1,094,582	-	1,291,594	148	26,980	27,128	1,318,722
UTAH	11,222	67,258	45,520	124,000	67	361	428	124,428
VERMONT	2,758	51,971	-	54,729	2	548	550	55,279
VIRGINIA	68,945	141,242	60,391	270,578	44	2,462	2,506	273,084
WASHINGTON	121,606	305,693	87,612	514,911	141	2,020	2,161	517,072
WEST VIRGINIA	16,400	35,329	18,918	70,647	8	4,604	4,612	75,259
WISCONSIN	54,338	2,374	30,874	87,586	25	1,464	1,489	89,075
WYOMING	7,911	73,269	20,157	101,337	79	1,635	1,714	103,051
TOTAL	3,557,877	10,198,263	1,950,681	15,706,821	3,674	174,373	178,047	15,884,868

1/ THE COMPLETENESS OF DATA ON TRAILER REGISTRATIONS VARIES GREATLY. DATA ARE REPORTED TO THE EXTENT AVAILABLE AND IN SOME CASES ARE SUPPLEMENTED BY ESTIMATES OF THE FEDERAL HIGHWAY ADMINISTRATION.
2/ THIS COLUMN INCLUDES ALL COMMERCIAL TYPE TRAILERS AND SEMITRAILERS THAT ARE IN PRIVATE OR FOR-HIRE USE.
3/ SEVERAL STATES DO NOT REQUIRE THE REGISTRATION OF LIGHT FARM OR AUTOMOBILE TRAILERS.
4/ MOBILE HOMES AND HOUSE TRAILERS ARE SHOWN IN THIS COLUMN FOR STATES WHICH REQUIRE THEM TO BE REGISTERED AND ARE ABLE TO SEGREGATE THEM FROM OTHER TRAILERS. IN STATES WHERE THIS CLASSIFICATION IS NOT AVAILABLE, HOUSE TRAILERS ARE INCLUDED WITH LIGHT CAR TRAILERS.

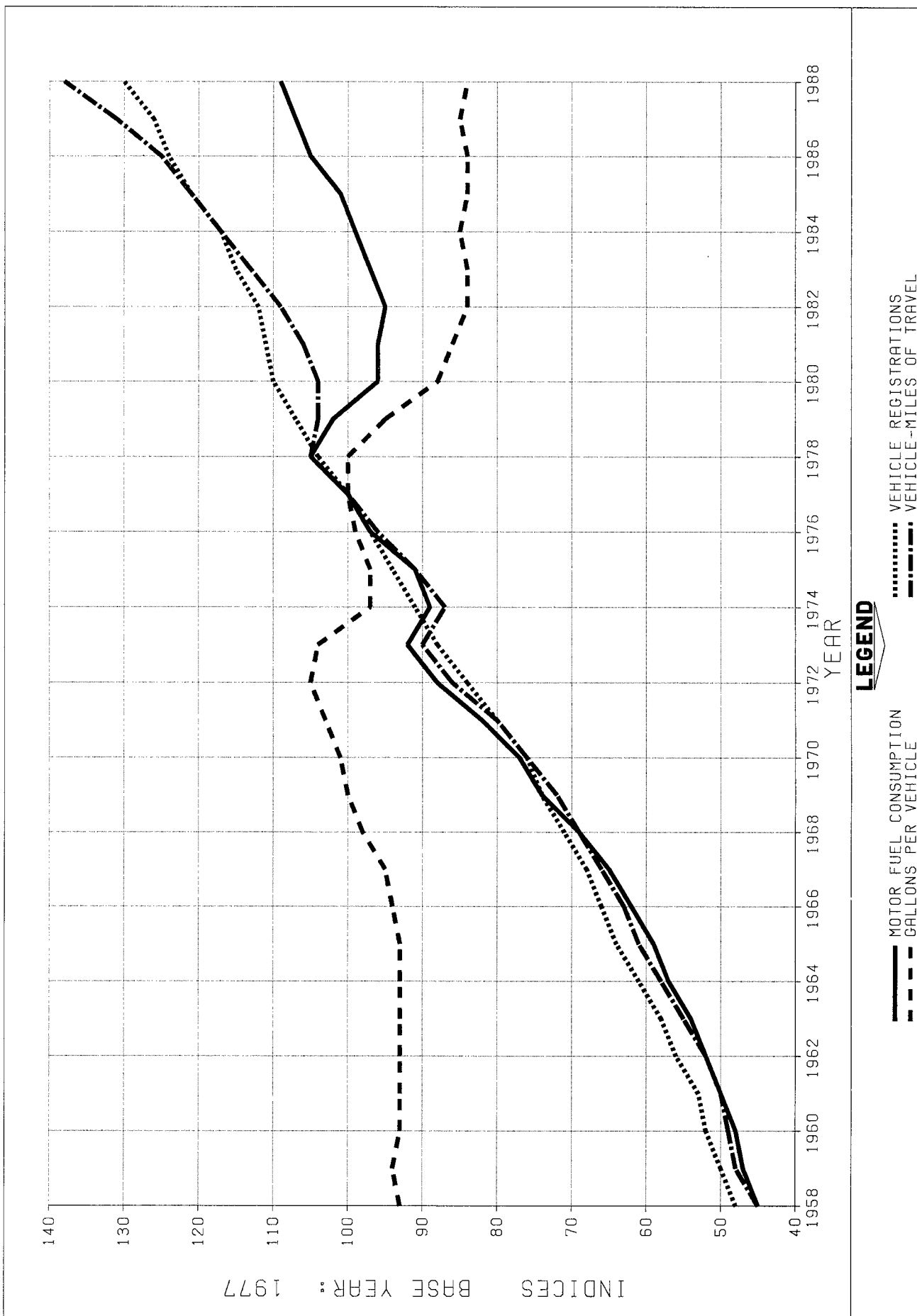
LICENSED DRIVERS, VEHICLE REGISTRATIONS, AND RESIDENT POPULATION



LEGEND

- POPULATION
- - - LICENSED DRIVERS
- VEHICLE REGISTRATIONS

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



DRIVER LICENSING

Each State and the District of Columbia administers its own driver licensing system. Since 1954 all States have required drivers to be licensed, and since 1959 all States have required an 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 permits and licenses issued by each State during the calendar year, length of term, renewal date, fees, and the valid licenses in force at the end of the year. The trend toward "classified" driver licensing continues, with 32 States issuing licenses that identify the type or types of vehicles each driver is authorized to operate.

MALE-FEMALE DRIVER RATIOS

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

licensed drivers, by sex and age groups, is shown in table DL-20.

LICENSED DRIVERS AND POPULATION

Table DL-1B shows the relationship of licensed drivers to total population and to driving-age 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. (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 - 1988

TABLE DL-1
SCHEDULE OF FEES
SEPTEMBER 1989

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

STATE 2/	LEARNER PERMITS			CLASS OR TYPE OF LICENSE 2/ MOTOR DRIVEN CYCLE	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (EXCEPT *MOTORCYCLE ONLY*) 3/
	NUMBER ISSUED	AMOUNT OF FEE	NEW AND RENEWAL					DUPLICATE		
									AMOUNT OF FEE	
ALABAMA	100,232	\$0-50	OPERATOR MOTORCYCLE MOTOR DRIVEN CYCLE	699,199	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	4/ \$1-50 4/ 15-00 4/ 15-00	4/ 1-50 4/ 1-50	2,097,596	
ALASKA	11,314	3-00	OPERATOR MOTORCYCLE MOTOR SCOOTER SCHOOL BUS PERMIT	41,516 1,126 503	5 YEARS 5 YEARS 5 YEARS 1 YEAR	BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE	10-00 10-00 10-00 3-00	3-00 3-00 3-00 3-00	300,000 (10,000) 300,000	
ARIZONA	5/ 60,111	2-00	OPERATOR AND MOTORCYCLE CHAUFFEUR AND MOTORCYCLE MOTORCYCLE	493,960 75,997 75,540 5,625 11,727	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7-00 7-00 10-00 10-00 7-00	4-00 4-00 4-00 4-00 4-00	2,006,885 87,048 249,967 34,623 (8,387) 2,351,903	
ARKANSAS	3,258	NO FEE	OPERATOR CHAUFFEUR MOTORCYCLE	567,435 63,906 1,267	2 & 4 YEARS 2 & 4 YEARS 2 & 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH	7-00 & 13-00 7-00 & 13-00 7-00 & 13-00	2-00 2-00 2-00	1,507,126 169,737 (3,364) 1,676,863	
CALIFORNIA*	N.R.	(B/)	CLASS 1 (ANY VEHICLE EXCEPT CLASS 4) CLASS 2 (BUS, TRUCK) CLASS 3 (AUTOMOBILE) CLASS 4 (MOTORCYCLE, MOPED)	5,222,300	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	10-00 10-00 10-00 10-00	10-00 10-00 10-00 10-00	18,925,973	
COLORADO*	70,393	B/ 6-50	CLASS A (ANY VEHICLE, EXCEPT CLASSES S AND M) CLASS B (TRUCK) CLASS C (AUTOMOBILE, LIGHT TRUCK) CLASS S (BUS) CLASS M (ENDORSEMENT) (MOTORCYCLE) CLASS H (RESTRICTED) (MOTORCYCLE) SCHOOL BUS (ENDORSEMENT)	32,600 5,293 608,205 14,515 8,295 186 N.R.	8/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS	BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/ BIRTHDAY 9/	6-50 6-50 6-50 6-50 4/ 6-50 6-50 NO FEE	4/ 5-00 4/ 5-00 4/ 5-00 4/ 5-00 4/ 5-00 4/ 5-00 4/ 5-00	99,416 17,385 1,971,178 44,748 93,548 - 2,226,285	
CONNECTICUT*	10/ 80	10/ 2-25	OPERATOR - CLASS 1 (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS 2 (TRUCK) CLASS 3 (AUTOMOBILE) MOTORCYCLE PUBLIC SERVICE (FOR-HIRE)	N.R. N.R. N.R. N.R.	4 YEARS 4 YEARS 4 YEARS 1 YEAR	BIRTHDAY BIRTHDAY BIRTHDAY JUNE 30	5/ 11/ 31-00 5/ 11/ 31-00 5/ 11/ 31-00 5/ 11/ 31-00	5-00 5-00 5-00 5-00	2,369,966	
DELAWARE*	32,302	B/ 10-00	CLASS A (AUTOMOBILE) CLASS B (BUS, TRUCK) CLASS C (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS M (ENDORSEMENT) TAXICAB ENDORSEMENT	125,014 11,607 10,145 99	12/ 4 YEARS 12/ 4 YEARS 12/ 4 YEARS LIFE YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	12/ 10-00 12/ 10-00 12/ 10-00 12/ 3-00	5-00 5-00 5-00 -	466,844	
DIST. OF COL.	35,831	7-00	OPERATOR MOTORCYCLE MOTORCYCLE ENDORSEMENT SCHOOL BUS	103,320	4 YEARS 4 YEARS 1 YEAR	ISSUANCE ISSUANCE ISSUANCE	15-00 15-00 NO FEE	5-00 5-00 -	391,775	
FLORIDA	N.R.	B/ 19-00	OPERATOR CHAUFFEUR	2,428,905 340,902	2/ 4 YEARS 2/ 4 YEARS	BIRTHDAY BIRTHDAY	2/ 15-00 2/ 15-00	5-00 5-00	1/ 8,789,843	
GEORGIA*	153,650	1-50	CLASS 1 (AUTOMOBILE, LIGHT TRUCK) CLASS 2 (MOTORCYCLE) CLASS 3 (BUS AND CLASS 1) CLASS 4 (HEAVY TRUCK AND CLASS 1) CLASS 5 (ANY VEHICLE EXCEPT MOTORCYCLE) VETERANS (ALL CLASSES)	1,017,254 46,130 14,506 8,291 43,628 49,757	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	4-50 4-50 8-50 8-50 8-50 NO FEE	- - - - - -	4,063,888 (114,287) 59,324 33,906 178,419 4,335,537	
HAWAII*	89,156	13/ 3-00	OPERATOR - TYPE 1 (SCOOTER) TYPE 2 (MOTORCYCLE) TYPE 3 (AUTOMOBILE, LIGHT BUS & TRUCK) TYPE 4 (BUS) TYPE 5 (TRUCK) TYPE 6 (TRACTOR/SEMITRAILER) TYPE 7 (TRUCK/TRAILER) TYPE 8 (TYPES 4 AND 5) TYPE 9 (TYPES 4 AND 6) TYPE 10 (TYPES 4 AND 7) SCHOOL BUS	244,284	13/ 2 & 4 YEARS	BIRTHDAY	13/ 5-50 & 8-50	13/ 3-00	634,880	

MOTOR-VEHICLE DRIVER LICENSES - 1988

TABLE DL-1
SHEET 2 OF 5
SEPTEMBER 1989

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

STATE Z/	LEARNER PERMITS		CLASS OR TYPE OF LICENSE Z/ OPERATOR CHAUFFEUR	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		ESTIMATED TOTAL LICENSES 12-31-88 (EXCEPT *MOTORCYCLE ONLY*) Z/
	NUMBER ISSUED	AMOUNT OF FEE					NEW AND RENEWAL	DUPLICATE	
IDAHO	8/ 17,264	4.00	OPERATOR CHAUFFEUR	211,615 23,047	3 YEARS	BIRTHDAY BIRTHDAY	13.50 15.50	3.00 3.00	707,561
ILLINOIS*	164,769	8/ 20.00	CLASS A (AUTOMOBILE) CLASS B (LIGHT BUS, TRUCK) CLASS C (HEAVY BUS, TRUCK) CLASS D (MOTORCYCLE EXCEPT CLASSES L AND H) CLASS E (MOPED) CLASS L (MOTORCYCLE) CLASS M (ENDORSEMENT) CLASS H (ENDORSEMENT)	1,203,178 39,771 53,902 37,337 124 5,491 81,247	14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS 14/ 3 & 4 YEARS NO FEE	BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ NO FEE	15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 15/ 8.00 & 10.00 NO FEE	5.00 5.00 5.00 5.00 5.00 5.00 -	7,262,508
INDIANA	136,367	8/ 2.00	OPERATOR CHAUFFEUR PUBLIC PASSENGER CHAUFFEUR MOTORCYCLE ENDORSEMENT	992,185 80,105 19,384 13,377 54,261	15/ 4 YEARS 2 YEARS 4 YEARS 2 & 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH -	15/ 6.00 6.00 6.00 3.00	3.00 3.00 3.00 -	3,773,008
IOWA*	44,947 2,457	6.00 12.00	OPERATOR (AUTOMOBILE, LIGHT TRUCK) CHAUFFEUR - UNRESTRICTED (ANY VEHICLE) RESTRICTION 4 (HEAVY VEHICLE EXCEPT COMBINATION) RESTRICTION 6 (ANY VEHICLE UNDER 5 TONS) SCHOOL PERMIT MOTORCYCLE MOPED	345,840 43,084 5,468 7,723	18/ 2 & 4 YEARS 18/ 2 & 4 YEARS 18TH BIRTHDAY 18TH BIRTHDAY 2 YEARS	BIRTHDAY BIRTHDAY ISSUANCE -	15/ 8.00 & 15.00 15/ 15.00 & 30.00 10.00 10.00 10.00	2.00 2.00 2.00 2.00	1,574,541 212,309 (132) (152) 1,886,950
KANSAS*	22,036	2.00	CLASS A (TRUCK TRACTOR/COMBINATION) CLASS B (TRUCK, BUS) CLASS C (AUTOMOBILE, LIGHT TRUCK) CLASS D (MOTORCYCLE) CLASS E (ENDORSEMENT)	46,120 14,269 521,280 80,956	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 12.00 5/ 12.00 5/ 8.00 5/ 5.00	5.00 5.00 5.00 5.00	132,236 30,183 1,543,450 (229,034) 1,705,869
KENTUCKY	127,672	2.00	OPERATOR CHAUFFEUR MOTORCYCLE MOTORCYCLE ENDORSEMENT	646,468 36,914 2,088 21,955	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH -	8.00 8.00 8.00 6.00	2.00 2.00 2.00 2.00	2,367,574
LOUISIANA	N.A.	12.50	CLASS A (AUTOMOBILE) CLASS B (SHALL BUS, CARGO FOR-HIRE) CLASS C (TRUCK, BUS) CLASS D (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS E (ENDORSEMENT)	636,772 76,469	17/ 5 YEARS 17/ 5 YEARS 17/ 5 YEARS 17/ 5 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	17/ 12.50 17/ 12.50 17/ 12.50 17/ 8.00	5.00 5.00 5.00 5.00	2,597,995
MAINE*	N.A.	13/ 25.00 13/ 25.00 13/ 10.00	CLASS 1 (ANY VEHICLE EXCEPT SCHOOL BUS AND MOTORCYCLE) CLASS 2 (BUS, TRUCK) CLASS 3 (AUTOMOBILE, LIGHT TRUCK) MOTORCYCLE ENDORSEMENT SCHOOL BUS ENDORSEMENT	209,169	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	18/ 18.00 18/ 18.00 18/ 18.00	4.00 4.00 4.00	39,676 793,579 866,728
MARYLAND*	116,466	8/ 22.00	CLASS A (ANY VEHICLE EXCEPT MOTORCYCLE AND MOPED) CLASS B (ANY TRUCK) CLASS C (BUS) CLASS D (AUTOMOBILE, LIGHT TRUCK) CLASS E (MOTORCYCLE) MOPED	818,617	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7/ 6.00 7/ 6.00 7/ 6.00 7/ 6.00 7/ 6.00	6.00 6.00 6.00 6.00 6.00	3,136,819
MASSACHUSETTS*	202,828	5.00	CLASS 1 (ANY VEHICLE EXCEPT SCHOOL BUS) CLASS 2 (TRUCK) CLASS 3 (AUTOMOBILE, LIGHT TRUCK) SCHOOL BUS MOTORCYCLE ENDORSEMENT	1,571,806	4 YEARS 4 YEARS 1 YEAR	BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE	5/ 35.00 5/ 30.00 5/ 25.00 5/ 7/ 7.50	5.00 5.00 5.00 5.00	4,249,814
MICHIGAN*	68,625	8/ 12.00	UNCLASSIFIED: OPERATOR (AUTOMOBILE, LIGHT TRUCK) CHAUFFEUR (FOR-HIRE) MINOR RESTRICTED (AUTOMOBILE) CLASS 1 (ENDORSEMENT) (HEAVY TRUCK) CLASS 2 (ENDORSEMENT) (TRUCK OR COMBINATION) CLASS 3 (ENDORSEMENT) (SCHOOL BUS) MOTORCYCLE (ENDORSEMENT)	1,786,437 158,335 172 89,928	7/ 20/ 4 YEARS 7/ 20/ 4 YEARS 16TH BIRTHDAY 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7/ 12.00 7/ 20.00 7/ 5.00 7/ 2.50 7/ 2.50	4.00 4.00 4.00 -	6,368,518
MINNESOTA*	91,438	21/ 5.00	CLASS A (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS B (BUS, TRUCK) CLASS C (PROVISIONAL, LIGHT TRUCK) CLASS D (PROVISIONAL, HEAVY TRUCK) CLASS E (PROVISIONAL, SCHOOL BUS) SCHOOL BUS ENDORSEMENT MOTORCYCLE ENDORSEMENT CLASS H (MOPED) CLASS H (PROVISIONAL (MOPED))	54,480 37,518 695,287 54,510 N.A. 79,517 44 6	4 YEARS 4 YEARS 19TH BIRTHDAY 19TH BIRTHDAY 1 YEAR 4 YEARS 1 YEAR	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	21/ 29.00 21/ 21.50 21/ 14.00 21/ 14.00 21/ 8.00 21/ 2.50 21/ 14.00	4.50 4.50 4.50 4.50 4.50 4.50 4.50	2,478,925

MOTOR-VEHICLE DRIVER LICENSES - 1988

TABLE DL-1
SCHEDULE D OF S
SEPTEMBER 1989

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

STATE Z/	LEARNER PERMITS			DRIVER LICENSES				AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE BY CLASS (Z/) (MOTORCYCLE ONLY) 3/
	NUMBER ISSUED	AMOUNT OF FEE	CLASS OR TYPE OF LICENSE Z/ MOTORCYCLE ENDORSEMENT	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	NEW AND RENEWAL			
							DUPLICATE	DUPLICATE		
MISSISSIPPI	86,742	1.00	OPERATOR COMMERCIAL MOTORCYCLE ENDORSEMENT	406,389 481,922 11,095	4 YEARS 4 YEARS 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH	13.00 2.00 13.00	5.00 5.00 5.00	1,813,559	
MISSOURI	B/ 142,837	1.00	OPERATOR CHAUFFEUR MOTORCYCLE	1,076,305 145,856 142	3 YEARS 3 YEARS 3 YEARS	ISSUANCE ISSUANCE ISSUANCE	7.50 15.00 7.50	7.50 15.00 7.50	3,511,676	
MONTANA	N.A.	B/ 12.00	OPERATOR CHAUFFEUR MOTORCYCLE ENDORSEMENT	141,148 16,697 5	4 YEARS 4 YEARS 5	BIRTHDAY BIRTHDAY -	12.00 12.00 2.00	5.00 5.00 -	534,457	
NEBRASKA	25,684	3.00	CLASS A (AUTOMOBILE, LIGHT TRUCK) CLASS B (OR ENDORSEMENT) (MOTORCYCLE) CLASS CC (HEAVY TRUCK OR COMBINATION) SCHOOL LEARNER PERMIT SCHOOL BUS OPERATOR SCHOOL BUS OPERATING PERMIT EMPLOYMENT DRIVING PERMIT	293,681 193,901 7,820 3,584 3,987 471	22/ 4 YEARS 22/ 4 YEARS 22/ 4 YEARS 1 YEAR 6 MOS. OR 1 YEAR REVOCATION PERIOD	BIRTHDAY BIRTHDAY ISSUANCE ISSUANCE ISSUANCE -	22/ 10.00 22/ 10.00 22/ 10.00 3.00 3.00 NO FEE 40.00	5.00 5.00 5.00 -	1,088,104	
NEVADA	24,352	B/ 15/ 9.00	CLASS 1 (ANY VEHICLE EXCEPT CLASSES 4 AND 6) CLASS 2 (BUS) CLASS 3 (AUTOMOBILE, LIGHT TRUCK) CLASS 4 (MOTORCYCLE) CLASS 5 (MOPED) MOTORCYCLE ENDORSEMENT	4,277 568 183,673 85 36	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY -	15/ 10.00 15/ 10.00 15/ 10.00 15/ 10.00 15/ 10.00	6.00 6.00 6.00 6.00 6.00	749,037	
NEW HAMPSHIRE	(LD/)	NO FEE	OPERATOR (AUTOMOBILE), LIGHT (TRUCK) COMMERCIAL OPERATOR: HEAVY (TRUCK) TRACTOR-TRAILER MOTORCYCLE MOPED	249,849	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	20.00 20.00 20.00 20.00 20.00	5.00 5.00 5.00 5.00 5.00	798,336	
NEW JERSEY	506,197	5.00 15.00 5.00 25.00 5.00	BASIC DRIVER (AUTOMOBILE, LIGHT TRUCK) ARTICULATED VEHICLE ENDORSEMENT (COMMERCIAL VEHICLE COMBINATION) BUS ENDORSEMENT MOTORCYCLE MOTORCYCLE AGRICULTURAL	1,203,614	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE	17.50 8.00 16.00 9.50 1.00	4.50 - - 4.50 4.50	5,451,566	
NEW MEXICO	27,678	B/ 2.00	CLASS 2 (MOPED) CLASS 3 (MOTORCYCLE) CLASS 4 (LARGE MOTORCYCLE) CLASS 5 (AUTOMOBILE, LIGHT TRUCK) CLASS 6 (AUTOMOBILE, BUS) CLASS 7 (HEAVY TRUCK) CLASS 8 (COMBINATION VEHICLE) CLASS 9 (SCHOOL BUS) MOTORCYCLE ENDORSEMENT LIMITED	295,180	9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS	30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY	9/ 10.00 9/ 10.00 9/ 10.00 9/ 10.00 9/ 10.00 9/ 10.00 9/ 10.00 9/ 10.00 9/ 10.00	10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00	1,047,261	
NEW YORK	891,756	B/ 9.00	CLASS 1 (ANY VEHICLE EXCEPT MOTORCYCLE AND BUS) CLASS 2 (TRACTOR/TRUCK) CLASS 3 (TAXICAB) CLASS 4 (AUTOMOBILE, LIGHT TRUCK) CLASS 5 (AUTOMOBILE, LIGHT TRUCK) CLASS 6 (JUNIOR) (AUTOMOBILE, LIGHT TRUCK) CLASS 7 (JUNIOR) (MOTORCYCLE) RESTRICTED CONDITIONAL	2,555,469	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	33.50 33.50 33.50 33.50 33.50 17.50 17.50 17.50 20.00 20.00	6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.50	10,143,464	
NORTH CAROLINA	107,499	5.00	CLASS A (ANY VEHICLE OR COMBINATION EXCEPT MOTORCYCLE) CLASS B (HEAVY COMMERCIAL TRUCK OR BUS) CLASS C (AUTOMOBILE, PRIVATE LIGHT TRUCK OR BUS) MOTORCYCLE ENDORSEMENT	62,891 27,086 1,071,828	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	15.00 15.00 10.00	5.00 5.00 5.00	4,421,934	
NORTH DAKOTA	11,663	B/ 10.00	CLASS 1 (ANY VEHICLE EXCEPT CLASS 4) CLASS 2 (TRUCK/COMBINATION) CLASS 3 (AUTOMOBILE) CLASS 4 (ENDORSEMENT) (MOTORCYCLE)	7,275 3,513 108,060 10,027	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 10.00 5/ 10.00 5/ 10.00 5/ 10.00	8.00 8.00 8.00 8.00	28,537 32,088 336,611 431,365	
OHIO	369,655	3.00	OPERATOR RESTRICTED MOTORCYCLE ENDORSEMENT MOPED	1,590,294 151,935 15,348 6,124	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	21/ 5.00 21/ 5.00 21/ 5.00 21/ 5.00	1.50 1.50 1.50 1.50	7,378,737	

MOTOR-VEHICLE DRIVER LICENSES - 1988

TABLE DL-1 SHEET 4 OF 5 SEPTEMBER 1989

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

STATE	LEARNER PERMITS		AMOUNT OF FEE	CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE 12-31-88 (EXCEPT MOTORCYCLE ONLY) 3/
	NUMBERS ISSUED	AMOUNT OF FEE						NEW AND RENEWAL	DUPLICATE	
OKLAHOMA	57,028	8/ 18-00	OPERATOR COMMERCIAL CHAUFFEUR MOTORCYCLE	401,346 2,307 72,071	14/ 2 & 4 YEARS 14/ 2 & 4 YEARS 14/ 2 & 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH	8/ 14/ 14.00 8/ 14/ 22.00 8/ 14/ 14.00	5.00 5.00 5.00	2,219,286	
OREGON	54,376	13-00	CLASS 1 (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS 2 (BUS) CLASS 3 (3-WHEEL VEHICLE) CLASS 4 (MOTORCYCLE) CLASS 5 (HOPED) MOTORCYCLE ENDORSEMENT SPECIAL PERMIT	12,667 2,307 20,163 347,788 4,612 200	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7/ 15.00 7/ 15.00 7/ 15.00 7/ 15.00 7/ 3.00	10.00 10.00 10.00 10.00 10.00	1/ 2,170,124	
PENNSYLVANIA	365,735	5-00	CLASS 1 (AUTOMOBILE) CLASS 2 (TRUCK/TAXI) CLASS 3 (TRACTOR COMBINATION) CLASS 4 (SCHOOL BUS) CLASS 5 (MOTORCYCLE) CLASS 6 (MOTOR-DRIVEN CYCLE - HOPED)	2,067,778	3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH BIRTH MONTH BIRTH MONTH	9/ 21.50 9/ 21.50 9/ 21.50 9/ 21.50	6.50 6.50 6.50 6.50 6.50	7,731,880	
RHODE ISLAND	21,650	5-00	CLASS 0 (AUTOMOBILE) CLASS 1 (BUS/TAXI) CLASS 2 (TRACTOR COMBINATION) CLASS 3 (TRACTOR COMBINATION) CLASS 4 (CLASSES 1 AND 3) CLASS 5 (CLASSES 1 AND 2) CLASS 6 (ENDORSEMENT) MILITARY SERVICE	143,680 4,022 2,989 509 308 1,343 1,666	5 YEARS 5 YEARS 5 YEARS 5 YEARS 5 YEARS 5 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	20.00 7/ 20.00 7/ 20.00 7/ 20.00 7/ 20.00 7/ 20.00 NO FEE	1.00 1.00 1.00 1.00 1.00 1.00	600,815 24,230 17,717 3,110 2,309 4,673 565,248	
SOUTH CAROLINA	140,094	2-00	CLASS 1 (AUTOMOBILE) CLASS 2 (TRUCK) CLASS 3 (TRUCK/TRACTOR COMBINATION) CLASS 4 (MOTORCYCLE, SCOOTER) CLASS 5 (HOPED) PROVISIONAL TEMPORARY DRIVER PERMIT (DMT)	694,110 538 5,263	4 YEARS 4 YEARS 4 YEARS 4 YEARS 6 MONTHS 6 MONTHS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	10.00 10.00 10.00 10.00 4.00 5.00	0.50 0.50 0.50 0.50	2,305,533	
SOUTH DAKOTA	3,786	6-00	OPERATOR RESTRICTED OPERATOR MOTORCYCLE	142,496 5,166 374	4 YEARS UNTIL AGE 18 4 YEARS	BIRTHDAY BIRTHDAY	6.00 6.00 6.00	3.00 3.00 3.00	475,332 7,243 482,575	
TENNESSEE	37,544	8/ 13-00	OPERATOR CHAUFFEUR MOTORCYCLE ENDORSEMENT HARSHIP RESTRICTED MOTORCYCLE, MOTORSCOOTER, MOTORBIKE	698,041 78,058 2,970 5,256 5,812 4,811	4 YEARS 4 YEARS 4 YEARS UNTIL AGE 16 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 13.00 5/ 21.00 NO FEE 5/ 13.00 5/ 13.00	5.00 5.00 5.00 5.00	3,196,978	
TEXAS	206,325	5-00	CLASS A (TRUCK/TRACTOR COMBINATION) CLASS B (TRUCK) CLASS C (AUTOMOBILE) CLASS D (MOTORCYCLE) CLASS E (MOTORCYCLE) CLASS F (MOTORCYCLE) CLASS G (MOTORCYCLE) CLASS H (MOTORCYCLE) CLASS I (MOTORCYCLE)	617,215 49,524 3,407,077 1,955 4,827	9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 9/ 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	9/ 16.00 9/ 16.00 9/ 16.00 9/ 16.00 10.00	5.00 5.00 5.00 5.00 5.00	11,080,702	
UTAH	30,000	8/ 10-00	CLASS A (PRIVATE LIGHT VEHICLE) CLASS B (FOR-HIRE LIGHT VEHICLE) CLASS C (FOR-HIRE HEAVY VEHICLE) CLASS D (UNLIMITED) CLASS E (ENDORSEMENT) CLASS F (ENDORSEMENT)	236,000 27,900 31	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	10.00 10.00 10.00 10.00 NO FEE	5.00 5.00 5.00 5.00	884,618 93,018 (129) 977,636	
VERMONT	16,048	5/ 2-00	OPERATOR JUNIOR OPERATOR	114,653 6,223	2 & 4 YEARS	BIRTHDAY BIRTHDAY	5/ 10.00 5/ 10.00	2.00 2.00	395,675 16,519 406,194	
VIRGINIA	128,423	3-00	DRIVER (BASIC LICENSE) CLASS A (ENDORSEMENT) (BEVY TRUCK, COMBINATION) CLASS B (ENDORSEMENT) (MOTORCYCLE, SCOOTER) CLASS C (ENDORSEMENT) (MOTORCYCLE, COMMON OR PUBLIC CARRIER) CLASS D (ENDORSEMENT) (FOR HIRE, SCOOTER) CLASS E (ENDORSEMENT) (FOR HIRE, COMMON OR PUBLIC CARRIER) CLASS F (ENDORSEMENT) (SCHOOL BUS)	1,703,007 37,350 55,301 47,456 11,823	14/ 5 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH BIRTH MONTH	14/ 12.00 14/ 5.00 14/ 5.00 14/ 5.00 NO FEE	5.00 - - - - - -	4,129,510	

MOTOR-VEHICLE DRIVER LICENSES - 1988

TABLE DL-1
SHEET 5 OF 5
SEPTEMBER 1989

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

STATE Z/	LEARNER PERMITS		CLASS OR TYPE OF LICENSE Z/ NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		ESTIMATED TOTAL LICENSES 12/31/88 (EXCEPT *MOTORCYCLE ONLY*)
	NUMBER ISSUED	AMOUNT OF FEE				NEW AND RENEWAL	DUPLICATE	
	115-365	23/ 5.00						
WASHINGTON*	115-365	23/ 5.00	BASIC DRIVER (AUTOMOBILE) MOTORCYCLE ENDORSEMENT INTERMEDIATE ENDORSEMENT (LIGHT TRUCK, BUS) COMBINATION ENDORSEMENT (ANY COMBINATION OF VEHICLES) OCCUPATIONAL AGRICULTURAL PERMIT	4 YEARS 4 YEARS 4 YEARS 4 YEARS VARIES 1 YEAR OR 18TH BIRTHDAY	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE	5/ 14.00 5/ 5.00 5/ 23/ 5.00 5/ 23/ 25.00 3.00	5.00 - - 5.00 2.00	3,198,023
WEST VIRGINIA	42,989	4.00	OPERATOR CHAUFFEUR JUNIOR OPERATOR	4 YEARS 4 YEARS 18TH BIRTHDAY	ISSUANCE	10.00 15.00 10.00	5.00 5.00 5.00	1,176,778 104,074 27,360 1,308,212
WISCONSIN	145-949	15.00	PROBATIONARY OPERATOR CHAUFFEUR SCHOOL BUS MOTORCYCLE ENDORSEMENT	2 YEARS 4 YEARS 2 & 4 YEARS LIFETIME	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 4.00 5/ 9.00 4/ 9.00 5/ 6.00 24/ 4.00	4.00 4.00 4.00 4.00	3,268,207
WYOMING*	2,188	10.00	CLASS A (TRUCK/TRACTOR COMBINATION) CLASS B (TRUCK, BUS) CLASS C (AUTOMOBILE) CLASS H (MOTORCYCLE, MOPED) CLASS S (SCHOOL BUS)	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	24/ 5.00 24/ 5.00 24/ 5.00 24/ 5.00 24/ 5.00	5.00 5.00 5.00 5.00	348,946
TOTAL	-	-	-	-	-	-	-	162,853,255

OPERATORS * \$2-25 AND *4 FOR A HOME TRAINING CERTIFICATE. IN NEW HAMPSHIRE, LEARNER PERMITS ARE ISSUED FOR MOTORCYCLE ENDORSEMENTS. OTHER STATES USE PRACTICE PERMITS TO PLACE THE DRIVER IN THE STAGED REHEARSAL SYSTEM; THE FEES ARE PROPORTIONATE TO THE NUMBER OF PRACTICE PERMITS ISSUED.

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

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

3/ THE STATES WITH A CHAUFFEUR LICENSE HAVE NOT MET THE FEDERAL REQUIREMENTS TO BE ABLE TO DO SO. CHAUFFEUR LICENSES ARE AVAILABLE IN ALABAMA, ARIZONA, ARKANSAS, CALIFORNIA, CONNECTICUT, DELAWARE, FLORIDA, GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, NEBRASKA, NEVADA, NEW HAMPSHIRE, NEW JERSEY, NEW MEXICO, NEW YORK, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, SOUTH CAROLINA, TEXAS, VIRGINIA, AND WISCONSIN. SEPARATE CHAUFFEUR AND OPERATOR/CHAUFFEUR COMBINATION LICENSES WERE ISSUED IN NEW HAMPSHIRE IN FORCE HERE ADJUSTED TO AVOID DOUBLE COUNTING. FOR PURPOSES OF THIS REPORT, WHEN THERE ARE COMBINED LICENSES BY ENDORSEMENT, THE LICENSE HAS BEEN COUNTED IN THE HIGHEST CLASS LICENSE THAT HE HOLDS.

4/ ARIZONA, CALIFORNIA, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, NEBRASKA, NEVADA, NEW HAMPSHIRE, NEW JERSEY, NEW MEXICO, NEW YORK, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, SOUTH CAROLINA, TEXAS, VIRGINIA, AND WISCONSIN.

5/ THE FOLLOWING EXAMINATION FEES ARE IN ADDITION TO THE FEE SHOWN FOR AN ORIGINAL LICENSE: \$15 IN ALABAMA, MASSACHUSETTS, AND MISSISSIPPI; \$5 EACH FOR WRITTEN AND ROAD TESTS IN NORTH DAKOTA; IN WASHINGTON, \$7 BASIC, \$8 MOTORCYCLE, AND \$3 CLASSIFIED ENDORSEMENTS; IN VERMONT, WRITTEN EXAMINATION FEE IS \$10 WITH ORIGINAL LEARNER PERMIT AND NO FURTHER EXAM FEE UNLESS THE FOLLOWING STUDENT TRAINING PERMIT FEE OR ANDERSON-WEST REGULAR LICENSES, \$25, \$316 AND \$50. IN IDAHO, \$13, \$78 DRIVER TRAINING PERMITS ARE INCLUDED. \$425 ADDITIONAL FEE FOR 120 DAYS. ISSUED TO EVERY APPLICANT FOR AN INSTRUCTIONAL PERMIT OR OPERATOR LICENSE WHO IS REQUIRED TO TAKE, OR ELECTS TO TAKE, A DRIVER TRAINING COURSE IN A PUBLIC SCHOOL.

6/ IN MARYLAND, ORIGINAL LICENSE FEE IS \$20 WITH ADDITIONAL \$20 FOR MOTORCYCLE OR 2-YEAR LICENSE; PERSONS AGE 60 AND OVER MAY RENEW AT \$4 ANNUALLY; ORIGINAL CLASS 1 LICENSES IN TEXAS ARE \$25 FOR ORIGINAL LICENSES, \$25 FOR ORIGINAL LICENSES, \$25 FOR MOTORCYCLE ENDORSEMENT. \$25 OREGON, \$25 MISSISSIPPI, \$25 FLORIDA, ORIGINAL LICENSE FEE IS \$19; "SAFE DRIVERS" MAY RENEW IN PERSON FOR 6 YEARS AT \$19. IN ARIZONA, ORIGINAL OPERATOR WITH MOTORCYCLE ENDORSEMENT IS \$14; ORIGINAL CHAUFFEUR WITH MOTORCYCLE ENDORSEMENT IS \$17. IN RHODE ISLAND, THERE IS AN ADDITIONAL ONE-TIME FEE OF \$2 FOR CHAUFFEUR LICENSES CLASSES 1-5. IN MASSACHUSETTS, ORIGINAL SCHOOL BUS LICENSE IS \$12.50. IN VERMONT, WRITTEN EXAMINATION FEE IS \$10 WITH ORIGINAL LICENSE ORIGINAL LICENSE FEE COVERS THE COST OF A LEARNER PERMIT AND LICENSE APPLICATION FEE ARE INCLUDED IN THE \$50 FEE. IN NEW YORK, LEARNER PERMIT AND LICENSE APPLICATION FEE ARE INCLUDED IN THE \$2 ORIGINAL LICENSE.

7/ IN COLORADO, MINOR LICENSES EXPIRE 20 DAYS AFTER 18TH BIRTHDAY; PROVISIONAL LICENSES EXPIRE 20 DAYS AFTER 21ST BIRTHDAY. IN NEW MEXICO, PERSONS 75 YEARS OR OVER RENEW ANNUALLY AT \$25. IN TEXAS, ORIGINAL LICENSE FEE IS \$31.50, WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

8/ IN CONNECTICUT, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

9/ IN INDIANA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

10/ AN INSTRUCTION OR LEARNER PERMIT IS NOT PROVIDED IN CONNECTICUT, EXCEPT FOR MOTORCYCLE

11/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

12/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

13/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

14/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

15/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

16/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

17/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

18/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

19/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

20/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

21/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

22/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

23/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

24/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

25/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

26/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

27/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

28/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

29/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

30/ IN ARIZONA, ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00. ORIGINAL LICENSE FEE IS \$25 WITH EXAMINATION FEE IS \$2.00.

LICENSED DRIVERS. BY SEX - 1988

COMPILED FOR THE CALENDAR YEAR FROM REPORTS
OF STATE AUTHORITIES AND OTHER SOURCESTABLE DL-1A
SEPTEMBER 1989

STATE	MALE DRIVERS	FEMALE DRIVERS	TOTAL DRIVERS	PERCENT MALE DRIVERS OF TOTAL	STATE
ALABAMA 1/ ALASKA 1/ ARIZONA 1/ ARKANSAS 1/	1,072,334 164,852 1,206,413 863,564	1,025,262 135,148 1,145,490 813,299	2,097,596 300,000 2,351,903 1,676,863	51.12 54.95 51.30 51.50	ALABAMA 1/ ALASKA 1/ ARIZONA 1/ ARKANSAS 1/
CALIFORNIA 1/ COLORADO CONNECTICUT 1/ DELAWARE	10,004,485 1,189,727 1,211,801 233,515	8,921,488 1,036,558 1,158,165 235,329	18,925,973 2,226,285 2,369,966 468,844	52.86 53.44 51.13 49.81	CALIFORNIA 1/ COLORADO CONNECTICUT 1/ DELAWARE
DIST. OF COL. FLORIDA 2/ GEORGIA HAWAII	214,586 4,674,721 2,202,834 344,326	177,189 4,115,122 2,132,703 290,554	391,775 8,789,843 4,335,537 634,880	54.77 53.18 50.81 54.23	DIST. OF COL. FLORIDA 2/ GEORGIA HAWAII
IDAHO ILLINOIS INDIANA 1/ IOWA	366,485 3,703,709 1,944,153 914,567	341,076 3,558,799 1,828,855 972,383	707,561 7,262,508 3,773,008 1,886,950	51.80 51.00 51.53 48.47	IDAHO ILLINOIS INDIANA 1/ IOWA
KANSAS KENTUCKY LOUISIANA MAINE	848,024 1,223,007 1,315,396 433,662	857,845 1,144,567 1,282,569 433,066	1,705,869 2,367,574 2,597,965 866,728	49.71 51.66 50.63 50.03	KANSAS KENTUCKY LOUISIANA MAINE
MARYLAND MASSACHUSETTS MICHIGAN MINNESOTA	1,602,502 2,198,205 3,209,975 1,274,764	1,534,317 2,051,609 3,178,543 1,204,161	3,136,819 4,249,814 6,388,518 2,478,925	51.09 51.72 50.25 51.42	MARYLAND MASSACHUSETTS MICHIGAN MINNESOTA
MISSISSIPPI MISSOURI MONTANA 1/ NEBRASKA	925,597 1,776,678 292,988 550,328	887,962 1,734,998 241,469 537,776	1,813,559 3,511,676 534,457 1,088,104	51.04 50.59 54.82 50.58	MISSISSIPPI MISSOURI MONTANA 1/ NEBRASKA
NEVADA NEW HAMPSHIRE NEW JERSEY NEW MEXICO 1/	391,404 405,204 2,868,885 544,576	357,633 393,132 2,582,671 502,685	749,037 798,336 5,451,556 1,047,261	52.25 50.76 52.63 52.00	NEVADA NEW HAMPSHIRE NEW JERSEY NEW MEXICO 1/
NEW YORK * NORTH CAROLINA NORTH DAKOTA OHIO	5,433,591 2,231,228 220,072 3,760,864	4,709,873 2,190,706 211,294 3,617,873	10,143,464 4,421,934 431,366 7,378,737	53.57 50.46 51.02 50.97	NEW YORK NORTH CAROLINA NORTH DAKOTA OHIO
OKLAHOMA OREGON 1/ PENNSYLVANIA RHODE ISLAND	1,110,244 1,137,303 4,029,223 336,501	1,109,052 1,032,821 3,702,657 329,747	2,219,296 2,170,124 7,731,880 666,248	50.03 52.41 52.11 50.51	OKLAHOMA OREGON 1/ PENNSYLVANIA RHODE ISLAND
SOUTH CAROLINA SOUTH DAKOTA TENNESSEE TEXAS	1,161,402 244,445 1,587,611 5,739,889	1,144,131 238,130 1,611,367 5,340,813	2,305,533 482,575 3,198,978 11,080,702	50.37 50.65 49.63 51.80	SOUTH CAROLINA SOUTH DAKOTA TENNESSEE TEXAS
UTAH VERMONT VIRGINIA WASHINGTON	490,277 210,614 2,089,470 1,637,237	487,359 195,580 2,040,040 1,560,786	977,636 406,194 4,129,510 3,198,023	50.15 51.85 50.60 51.20	UTAH VERMONT VIRGINIA WASHINGTON
WEST VIRGINIA WISCONSIN WYOMING	691,604 1,680,715 183,872	616,608 1,587,492 165,074	1,308,212 3,268,207 348,946	52.87 51.43 52.69	WEST VIRGINIA WISCONSIN WYOMING
TOTAL	84,149,429	78,703,826	162,853,255	51.67	TOTAL

1/ SEX SEGREGATION ESTIMATED BY FHWA.

2/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

RATIO OF LICENSED DRIVERS TO POPULATION - 1988

TABLE DL-18
SEPTEMBER 1989

STATE	TOTAL RESIDENT POPULATION 1/	PERSONS OF DRIVING AGE (16 AND OVER) 1/	LICENSED DRIVERS			STATE
			NUMBER	PER 1,000 TOTAL RESIDENT POPULATION	PER 1,000 DRIVING AGE POPULATION	
	(1,000)	(1,000)				
ALABAMA	4,102	3,124	2,097,596	511	671	ALABAMA
ALASKA	524	372	300,000	573	806	ALASKA
ARIZONA	3,489	2,638	2,351,903	674	892	ARIZONA
ARKANSAS	2,395	1,823	1,676,863	700	920	ARKANSAS
CALIFORNIA	28,314	21,591	18,925,973	668	877	CALIFORNIA
COLORADO	3,301	2,526	2,226,285	674	881	COLORADO
CONNECTICUT	3,233	2,568	2,369,966	733	923	CONNECTICUT
DELAWARE	660	513	468,844	710	914	DELAWARE
DIST. OF COL.	617	494	391,775	635	793	DIST. OF COL.
FLORIDA	12,335	9,870	2/ 8,789,843	713	891	FLORIDA
GEORGIA	6,342	4,778	4,335,537	684	907	GEORGIA
HAWAII	1,098	842	634,880	578	754	HAWAII
IDAHO	1,003	732	707,561	705	967	IDAHO
ILLINOIS	11,614	8,961	7,262,508	625	810	ILLINOIS
INDIANA	5,556	4,275	3,773,008	679	883	INDIANA
IOWA	2,834	2,203	1,886,950	666	857	IOWA
KANSAS	2,495	1,912	1,705,869	684	892	KANSAS
KENTUCKY	3,727	2,867	2,367,574	635	826	KENTUCKY
LOUISIANA	4,408	3,250	2,597,965	589	799	LOUISIANA
MAINE	1,205	940	866,728	719	922	MAINE
MARYLAND	4,622	3,612	3,136,819	679	868	MARYLAND
MASSACHUSETTS	5,889	4,722	4,249,814	722	900	MASSACHUSETTS
MICHIGAN	9,240	7,090	6,388,518	691	901	MICHIGAN
MINNESOTA	4,307	3,312	2,478,925	576	748	MINNESOTA
MISSISSIPPI	2,620	1,931	1,813,559	692	939	MISSISSIPPI
MISSOURI	5,141	3,984	3,511,676	683	881	MISSOURI
MONTANA	805	608	534,457	664	879	MONTANA
NEBRASKA	1,602	1,227	1,088,104	679	887	NEBRASKA
NEVADA	1,054	816	749,037	711	918	NEVADA
NEW HAMPSHIRE	1,085	843	798,336	736	947	NEW HAMPSHIRE
NEW JERSEY	7,721	6,118	5,451,556	706	891	NEW JERSEY
NEW MEXICO	1,507	1,105	1,047,261	695	948	NEW MEXICO
NEW YORK	17,909	14,072	10,143,464	566	721	NEW YORK
NORTH CAROLINA	6,489	5,059	4,421,934	681	874	NORTH CAROLINA
NORTH DAKOTA	667	503	431,366	647	858	NORTH DAKOTA
OHIO	10,855	8,375	7,378,737	680	881	OHIO
OKLAHOMA	3,242	2,458	2,219,296	685	903	OKLAHOMA
OREGON	2,767	2,159	2,170,124	784	1,005	OREGON
PENNSYLVANIA	12,001	9,507	7,731,880	644	813	PENNSYLVANIA
RHODE ISLAND	993	791	666,248	671	842	RHODE ISLAND
SOUTH CAROLINA	3,470	2,636	2,305,533	664	875	SOUTH CAROLINA
SOUTH DAKOTA	713	537	482,575	677	899	SOUTH DAKOTA
TENNESSEE	4,895	3,799	3,198,978	654	842	TENNESSEE
TEXAS	16,841	12,390	11,080,702	658	894	TEXAS
UTAH	1,690	1,117	977,636	578	875	UTAH
VERMONT	557	433	406,194	729	938	VERMONT
VIRGINIA	6,015	4,725	4,129,510	687	874	VIRGINIA
WASHINGTON	4,648	3,591	3,198,023	688	891	WASHINGTON
WEST VIRGINIA	1,876	1,460	1,308,212	697	896	WEST VIRGINIA
WISCONSIN	4,855	3,728	3,268,207	673	877	WISCONSIN
WYOMING	479	353	348,946	728	989	WYOMING
TOTAL	245,807	189,342	162,853,255	663	860	TOTAL

1/ SOURCE: BUREAU OF THE CENSUS. NOTE THAT FOR PURPOSES OF THIS ANALYSIS, DRIVING AGE POPULATION IS CONSIDERED TO BE ALL PERSONS AGED 16 AND OVER. PRIOR TO 1985, AGES 15 AND OVER WERE USED.

2/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

DISTRIBUTION OF LICENSED DRIVERS - 1988

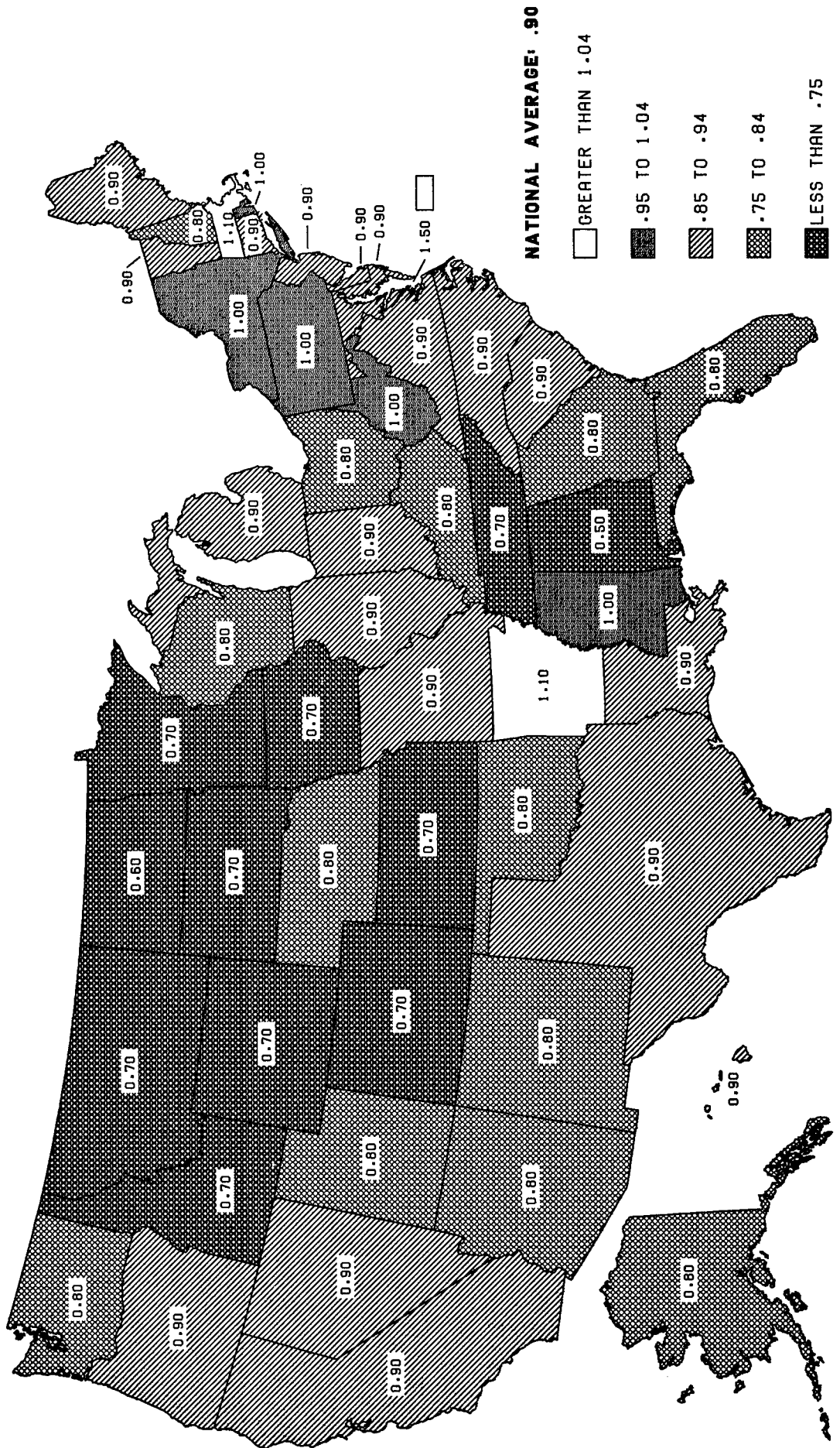
BY SEX AND PERCENTAGE IN EACH AGE GROUP AND RELATION TO POPULATION

TABLE DL-20
SEPTEMBER 1989

AGE	MALE DRIVERS			FEMALE DRIVERS			TOTAL DRIVERS		
	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION 1/	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION 1/	NUMBER	PERCENT OF TOTAL	PERCENT OF POPULATION 1/
UNDER 16	51,170	0.1	3.0	42,567	0.1	2.7	93,737	0.1	2.8
16	845,126	1.0	46.7	735,650	0.9	42.6	1,580,776	1.0	44.7
17	1,291,638	1.5	65.5	1,128,035	1.4	60.5	2,419,673	1.5	63.1
18	1,521,387	1.8	80.6	1,334,870	1.7	73.3	2,856,257	1.8	77.0
19	1,600,737	1.9	84.3	1,413,351	1.8	75.7	3,014,088	1.9	80.0
(19 AND UNDER)	5,310,058	6.3	57.2	4,654,473	5.9	52.2	9,964,531	6.1	54.8
20	1,601,145	1.9	87.1	1,445,424	1.8	79.5	3,046,569	1.9	83.3
21	1,663,747	2.0	90.8	1,513,411	1.9	82.9	3,177,158	2.0	86.9
22	1,745,192	2.1	93.4	1,594,301	2.0	85.5	3,339,493	2.1	89.5
23	1,864,459	2.2	94.6	1,717,024	2.2	86.6	3,581,483	2.2	90.6
24	1,978,317	2.4	94.6	1,824,791	2.3	87.6	3,803,108	2.3	91.1
(20-24)	8,852,860	10.5	92.2	8,094,951	10.3	84.6	16,947,811	10.4	88.4
25-29	10,521,417	12.5	96.1	9,855,970	12.5	90.3	20,377,387	12.5	93.2
30-34	10,373,842	12.3	95.2	9,825,378	12.5	90.2	20,199,220	12.4	92.7
35-39	9,302,986	11.1	98.2	8,906,264	11.3	92.2	18,209,250	11.2	95.2
40-44	7,926,881	9.4	100.2	7,563,732	9.6	92.2	15,490,613	9.5	96.1
45-49	6,245,892	7.4	98.3	5,916,952	7.5	88.8	12,162,844	7.5	93.4
50-54	5,181,881	6.2	96.1	4,851,501	6.2	84.5	10,033,382	6.2	90.1
55-59	4,873,184	5.8	93.9	4,538,488	5.8	79.7	9,411,672	5.8	86.4
60-64	4,758,529	5.7	93.4	4,490,679	5.7	77.0	9,249,208	5.7	84.6
65-69	4,137,812	4.9	91.1	3,907,813	5.0	71.8	8,045,625	4.9	80.6
70 AND OVER	6,664,087	7.9	85.4	6,097,625	7.7	48.6	12,761,712	7.8	62.7
TOTAL	84,149,429	100.0	91.0	78,703,826	100.0	78.6	162,853,255	100.0	84.6

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

LICENSED DRIVERS PER PRIVATE AND COMMERCIAL MOTOR VEHICLE - 1988



HIGHWAY FINANCE

This section contains a series of tables reporting the highway receipts, disbursements, debt status, and other financial information of Federal, State and local agencies. Federal and State highway finance data are for the calendar year 1988, with few exceptions; but finance data of the local governments are for various fiscal years ending in 1987.

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

INTERGOVERNMENTAL PAYMENTS

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

Federal aid for highways

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

State and local governments also receive assistance from other Federal programs. Typical of this assistance is the return to the State of origin of some Federal revenue from national forests and from natural resource severance taxes. The States in turn distribute these funds to the counties from which the revenue is derived for road improvements. Details of the different Federal assistance programs are given in table F-106, which appears in a separate FHWA publication entitled *Highway Taxes and Fees, How They Are Collected and Distributed*.

State aid to local governments

There are numerous State transactions or activities that benefit local governments but that do not involve the flow of

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

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

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

In 1988 the statutes of 48 States provided for the sharing of State-collected highway-user tax revenues with local governments for road and street purposes. This assistance is in the form of direct grants-in-aid and shared revenue. The two States that did not have such statutes are Alaska and West Virginia. Table SF-5A shows the sources and payments of the shared State funds.

In 1988, forty-four States provided aid from road-user taxes to municipalities, including New England towns. Counties in 45 States received grants-in-aid. Many States provide aid to more than one type of local government.

Intergovernmental payments of local agencies

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

as intergovernmental payments in the State or local finance series of tables.

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

Combined finances

Table HF-10 combines, for all government units, receipts and expenditures for 1988 (with local government and some Federal data estimated) and identifies separately the intergovernmental payments. Tables HF-1 and 2 eliminate intergovernmental payments and show, by State, total receipts and expenditures for highways in 1987, the last year for which finance data for all governmental units are available. Table HB-2 summarizes highway debt for all governmental units. Bonds issued and redeemed and total debt outstanding are given for years 1985 through 1988.

Federal financing

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

Although Federal aid for highways began in the late 1800's, it was not until 1916 that Federal assistance was provided uniformly to all States with the purpose of developing an integrated network of highways. An important step occurred in 1921 when the use of Federal aid was restricted to a limited, connected system of principal roads, now called the Federal-aid Primary Highway System. Provision was made in 1944 for the designation of a Federal-aid Secondary System of principal farm-to-market and feeder roads. Also in 1944, for the first time, specific authorization of Federal-aid funds was made for urban extensions of the Primary System, and in 1954, for urban extensions of the Secondary System. In 1973, funding for a separate Urban System program was established with a part of the authorized funding earmarked specifically for urbanized areas with a population of 200,000 or more. Annual authorizations of Federal-aid funds for primary, secondary and urban improvements are apportioned among the States by the formulas shown in table FA-4A. These funds are matched on a 75-25 basis by the States or local governments, but the Federal share is proportionately increased for States in which public lands exceed 5 percent of their area.

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

In recent years, increased attention has been directed to preservation and reconstruction of the Nation's highways and bridges. Although regular Federal-aid funds may be used by the States for the rehabilitation and replacement of deficient bridges, a special bridge rehabilitation and replacement program with separate authorizations was begun in 1970. Since then, funding for this program has increased substantially and accounted for over 11 percent of total Federal-aid highway funds apportioned for FY 1989.

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

The Federal Highway Trust Fund (HTF) provides the means of financing for the Federal-aid highway program. The HTF was established by the Highway Revenue Act of 1956. Since then, changes in the tax structure have occurred periodically. The Surface Transportation Assistance Act of 1982 authorized a number of changes to the Federal excise tax structure, and more recently, the Deficit Reduction Act of 1984 made further changes. Table FE-101 provides a historical summary of the Federal excise tax rates, including rates currently in effect.

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

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

Federal Highway Trust Fund revenues derived from the various Federal excise taxes attributable to highway users in

each State are shown in table FE-9. Since the point of collection of the Federal user taxes is not directly related to payments by highway users in each State, receipts attributable to highway users in each State must be estimated by the Federal Highway Administration.

Table FE-221 shows a comparison, by State, of Highway Trust Fund receipts attributable to highway users and apportionments from the Fund. This table reflects a concerted effort to include all funds apportioned or allocated to the States from the HTF.

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

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

The actual payment of Federal funds administered by the Federal Highway Administration during calendar year 1988 is shown in table FA-3. Most of these payments were made to the States, but in addition to its own administrative costs, some funds were expended by FHWA directly on projects. These amounts, together with a summary of the finances of all other Federal assistance programs for highways are shown in table FA-5. Table FA-4 reports apportionments of Federal-aid funds to the States for fiscal year 1989, and table FA-4A shows the formulas used for apportioning the various Federal-aid funds. Table FA-4B reports obligations of Federal-aid highway funds for fiscal year 1988.

State financing

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

Local financing

Highway finance of county and township governments is shown in the LF table series, and of municipalities in the UF series. Debt status for these two groups of local governments is given in the separate LB and UB series. Table LGF-21 consolidates and summarizes all highway receipts and disbursements of local governments. The local finance data are for various fiscal years ending in 1987. In some States, sampling is used to develop highway finance data for local governments.

CLASSIFICATION OF HIGHWAY RECEIPTS

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

Funds attributable to highway users

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

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

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

In many States, specific revenues or portions of revenues from each type of highway-user tax are dedicated to specific highway purposes. Most States place highway-user revenues in special highway funds, but a few place these revenues or a portion of them in a general State fund that receives many types of revenues, including those from highway users. For the latter group of States, each appropriation or expenditure for highway purposes has been treated as if it had been made from motor-fuel taxes and from motor-vehicle taxes and fees in proportion to the revenue received by the general fund from each of the sources. Revenues are not earmarked for specific purposes and thus it is impossible to identify how funds from particular sources are used.

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

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

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

Other taxes and fees

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

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

Investment income and miscellaneous receipts

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

Income from sale of bonds and notes

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

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

CLASSIFICATION OF HIGHWAY EXPENDITURES

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

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

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

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

TOTAL RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS, ALL UNITS OF GOVERNMENT - 1988¹

DATA COMPILED FROM REPORTS OF FEDERAL, STATE AND LOCAL AUTHORITIES

(MILLIONS OF DOLLARS)

TABLE HF-10
OCTOBER 1989

ITEM	FEDERAL GOVERNMENT				STATE AGENCIES AND D.C.	COUNTIES AND TOWNSHIPS	MUNICIPALITIES	TOTAL
	FEDERAL HIGHWAY ADMINISTRATION		OTHER FEDERAL AGENCIES	TOTAL FEDERAL				
	HIGHWAY TRUST FUND	OTHER FUNDS						
RECEIPTS BY COLLECTING AGENCIES								
IMPOSTS ON HIGHWAY USERS; 2/ MOTOR-FUEL AND VEHICLE TAXES TOLLS	13,168	-	-	13,168	25,034	420	375	38,997
SUBTOTAL	13,168	-	-	13,168	27,378	477	565	41,588
OTHER TAXES AND FEES: PROPERTY TAXES AND ASSESSMENTS GENERAL FUND APPROPRIATIONS OTHER TAXES AND FEES SUBTOTAL	-	-	-	-	-	2,342	1,950	4,292
		225	743	968	1,261	2,475	6,650	11,354
			73	73	1,506	550	383	2,512
		225	816	1,041	2,767	5,367	8,983	18,158
INVESTMENT INCOME AND OTHER RECEIPTS	830	-	435	1,265	1,774	700	1,108	4,847
TOTAL CURRENT INCOME	13,998	225	1,251	15,474	31,919	6,544	10,656	64,593
BOND ISSUE PROCEEDS (PAR VALUE) 3/	-	-	-	-	2,384	550	1,475	4,409
GRAND TOTAL RECEIPTS	13,998	225	1,251	15,474	34,303	7,094	12,131	69,002
INTERGOVERNMENTAL PAYMENTS: FEDERAL GOVERNMENT: HIGHWAY TRUST FUND ALL OTHER FUNDS STATE AGENCIES: HIGHWAY-USER IMPOSTS ALL OTHER FUNDS COUNTIES AND TOWNSHIPS MUNICIPALITIES SUBTOTAL	-13,660	-	-	-13,660	13,311	145	204	-
		-182	-758	-940	284	431	225	-
					-5,997	3,586	2,411	-
					-857	430	427	-
					278	-398	120	-
					232	30	-262	-
	-13,660	-182	-758	-14,600	7,251	4,224	3,125	-
FUNDS DRAWN FROM OR PLACED IN RESERVES 4/	98	-	-	98	15	-254	-252	-393
TOTAL FUNDS AVAILABLE	436	43	493	972	41,569	11,064	15,004	68,609
DISBURSEMENTS BY EXPENDING AGENCIES								
CAPITAL OUTLAY: ON STATE-ADMINISTERED HIGHWAYS ON LOCAL RURAL ROADS ON LOCAL MUNICIPAL ROADS AND STREETS NOT CLASSIFIED BY SYSTEM SUBTOTAL	-	-	-	-	23,117	-	-	23,117
					856	3,400	-	4,256
					656	-	4,450	5,106
	203	28	272	503	-	-	-	503
	203	28	272	5/ 503	24,629	3,400	4,450	32,982
MAINTENANCE AND TRAFFIC SERVICES: ON STATE-ADMINISTERED HIGHWAYS ON LOCAL RURAL ROADS ON LOCAL MUNICIPAL ROADS AND STREETS NOT CLASSIFIED BY SYSTEM SUBTOTAL	-	-	-	-	7,596	-	-	7,596
					42	5,454	-	5,496
					44	-	5,675	5,719
			158	158	-	-	-	158
			158	158	7,682	5,454	5,675	18,969
ADMINISTRATION AND RESEARCH HIGHWAY LAW ENFORCEMENT AND SAFETY INTEREST ON DEBT	233	15	63	311	6/ 2,893	820	1,100	5,124
					3,302	640	2,200	6,142
					1,667	380	780	2,827
TOTAL CURRENT DISBURSEMENTS	436	43	493	972	40,173	10,694	14,205	66,044
DEBT RETIREMENT (PAR VALUE) 3/	-	-	-	-	1,396	370	799	2,565
GRAND TOTAL DISBURSEMENTS	436	43	493	972	41,569	11,064	15,004	68,609

1/ THIS TABLE SUMMARIZES AND CONSOLIDATES DATA REPORTED IN GREATER DETAIL IN THE FA, SF, SB, LF, UF, LB, AND UB TABLE SERIES. DATA FOR FEDERAL AND STATE AGENCIES ARE FINAL; THOSE FOR COUNTIES AND MUNICIPALITIES ARE ESTIMATES SUBJECT TO REVISION WHEN DATA FOR ALL LOCAL UNITS ARE AVAILABLE. TABLES HF-1 AND HF-2 FOR 1987 CONTAIN FINAL DATA FOR ALL UNITS OF GOVERNMENT.

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

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

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

5/ INCLUDES \$71.7 MILLION PAID TO TERRITORIES.

6/ INCLUDES \$203.2 MILLION OF FEDERAL-AID HIGHWAY FUNDS FOR RESEARCH AND PLANNING.

Highway Statistics, 1988

TOTAL DISBURSEMENTS FOR HIGHWAYS. ALL UNITS OF GOVERNMENTS - 1987

TABLE HF-2 SEPTEMBER 1989 COMPILED FROM REPORTS OF FEDERAL, STATE AND LOCAL AUTHORITIES (THOUSANDS OF DOLLARS)

Table with columns for State, Capital Outlay, Summary, Maintenance, Highway Police and Safety, Bond Interest, Total Direct Expenditures, Bond Refinancing, and Total Disbursements. Rows include states like Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District 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 Unallocated.

1/ DISBURSEMENTS ARE CLASSIFIED BY SYSTEM ON WHICH EXPENDED, RATHER THAN BY EXPENDING AGENCIES. 2/ LOCAL RURAL ROADS INCLUDES EXPENDITURES FROM FEDERAL, STATE, AND LOCAL FUNDS. 3/ RIGHT-OF-WAY COSTS FOR STATE-ADMINISTERED HIGHWAYS, LOCAL RURAL ROADS AND LOCAL MUNICIPAL STREETS CAN BE FOUND IN TABLES 9F-4C, 1F-2 AND 4F-2, RESPECTIVELY. 4/ EXCLUDES SHORT-TERM NOTES AND REFUNDING BOND ISSUES.

**ESTIMATED LONG-TERM HIGHWAY OBLIGATIONS ISSUED,
REDEEMED AND OUTSTANDING, 1985-1988¹**

TABLE HB-2
OCTOBER 1989

(MILLIONS OF DOLLARS)

	1985			1986			1987			1988 2/		
	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL	TOLL FACILITY	OTHER	TOTAL
OBLIGATIONS ISSUED DURING THE YEAR 3/												
STATE	2,260	1,144	3,404	1,779	2,167	3,946	205	1,722	1,927	128	2,256	2,384
COUNTY AND TOWNSHIP	919	468	1,387	784	677	1,461	-	451	451	85	465	550
MUNICIPAL	-	1,283	1,283	197	1,333	1,530	21	1,403	1,424	15	1,460	1,475
TOTAL OBLIGATIONS ISSUED	3,179	2,895	6,074	2,760	4,177	6,937	226	3,576	3,802	228	4,181	4,409
OBLIGATIONS REDEEMED DURING THE YEAR 4/												
STATE	286	1,294	1,580	518	1,357	1,875	250	1,375	1,625	202	1,194	1,396
COUNTY AND TOWNSHIP	24	354	378	16	233	249	53	296	349	15	355	370
MUNICIPAL	19	760	779	26	640	666	33	678	711	35	764	799
TOTAL OBLIGATIONS REDEEMED	329	2,408	2,737	560	2,230	2,790	336	2,349	2,685	252	2,313	2,565
OBLIGATIONS OUTSTANDING AT END OF THE YEAR												
STATE	7,258	12,732	19,990	8,519	13,542	22,061	8,474	13,889	22,363	8,400	14,951	23,351
COUNTY AND TOWNSHIP	1,188	2,752	3,940	1,956	3,196	5,152	1,903	3,351	5,254	1,973	3,461	5,434
MUNICIPAL	466	6,905	7,371	637	7,598	8,235	625	8,323	8,948	605	9,019	9,624
TOTAL OBLIGATIONS OUTSTANDING	8,912	22,389	31,301	11,112	24,336	35,448	11,002	25,563	36,565	10,978	27,431	38,409

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

2/ 1988 DATA ESTIMATED FOR LOCAL GOVERNMENTS.

3/ REFUNDING ISSUES ARE NOT INCLUDED.

4/ REDEMPTIONS BY REFUNDING ARE NOT INCLUDED.

STATUS OF THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEAR ENDED SEPTEMBER 30, 1988

TABLE FE-10
MAY 1989

ITEMS	HIGHWAYS	MASS TRANSIT ACCOUNT 2/	TOTAL
I. OPENING BALANCE:	\$9,411,558,984.62	\$4,202,056,029.61	\$13,613,615,014.23
II. RECEIPTS:			
A. EXCISE TAXES (TRANSFERRED GENERAL FUND RECEIPTS)			
1. GASOLINE (INCLUDES FLOOR STOCKS)	8,300,712,830.00	1,016,860,000.00	9,317,572,830.00
2. GASOHOL	155,997,000.00	77,999,000.00	233,996,000.00
3. DIESEL AND SPECIAL MOTOR FUELS	2,585,699,880.00	182,571,000.00	2,768,270,880.00
4. TIRES	334,074,174.00	-	334,074,174.00
5. TRUCKS AND TRAILERS	1,277,156,455.00	-	1,277,156,455.00
6. FEDERAL USE TAX	581,292,710.00	-	581,292,710.00
7. REPEALED TAXES 3/	(3,254,393.00)	-	(3,254,393.00)
8. FINES AND PENALTIES	3,461,264.04	-	3,461,264.04
9. TOTAL EXCISE TAXES	13,235,139,920.04	1,277,430,000.00	14,512,569,920.04
B. DEDUCT - REIMBURSEMENT TO GENERAL FUND RECEIPTS (REFUNDS AND TAX CREDITS)			
1. GASOLINE USED ON FARMS	150,152,720.00	-	150,152,720.00
2. GASOLINE USED FOR ALL OTHER NONHIGHWAY PURPOSES OR LOCAL TRANSIT SYSTEMS	(20,501,560.00)	-	(20,501,560.00)
3. TAXICAB FUEL REFUNDS	3,081,480.00	-	3,081,480.00
4. FUEL USED IN COMMERCIAL FISHING VESSELS	14,678,690.00	-	14,678,690.00
5. GASOHOL (TAX PAID GASOLINE)	14,163,780.00	-	14,163,780.00
6. AVIATION FUELS USED ON FARMS	1,922,310.00	-	1,922,310.00
7. GASOLINE, OTHER	114,283,350.00	-	114,283,350.00
8. DIESEL FUELS	13,739,500.00	-	13,739,500.00
9. GASOLINE, DIESEL AND ALCOHOL MIXTURES	741,540.00	-	741,540.00
10. TOTAL	292,261,810.00	-	292,261,810.00
C. TRANSFERS			
1. TO LAND AND WATER CONSERVATION FUND	1,000,000.00	-	1,000,000.00
2. TO AQUATIC RESOURCES TRUST FUND	105,451,000.00	-	105,451,000.00
3. TOTAL	106,451,000.00	-	106,451,000.00
D. NET EXCISE TAXES	12,836,427,110.04	1,277,430,000.00	14,113,857,110.04
E. INTEREST	808,983,509.51	383,749,554.70	1,192,733,064.21
F. TOTAL RECEIPTS	13,645,410,619.55	1,661,179,554.70	15,306,590,174.25
III. EXPENDITURES: (CHECKS ISSUED BASIS)			
A. FEDERAL HIGHWAY ADMINISTRATION			
1. HIGHWAYS (FEDERAL-AID)	13,829,076,817.06	-	13,829,076,817.06
2. RIGHT-OF-WAY REVOLVING FUND	(2,946,653.15)	-	(2,946,653.15)
3. HIGHWAY RELATED SAFETY GRANTS	61,676,812.81	-	61,676,812.81
4. HIGHWAY SAFETY RESEARCH AND DEVELOPMENT	7,255,021.19	-	7,255,021.19
5. TRUST FUND SHARE OTHER HIGHWAY PROGRAMS	8,253,176.59	-	8,253,176.59
6. OTHER	19,010,646.34	-	19,010,646.34
7. TOTAL	13,922,325,820.84	-	13,922,325,820.84
B. URBAN MASS TRANSPORTATION ADMINISTRATION	-	695,675,179.27	695,675,179.27
C. NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION	115,536,126.71	-	115,536,126.71
D. TOTAL EXPENDITURES	14,037,861,947.55	695,675,179.27	14,733,537,126.82
IV. BALANCES IN TRUST FUND			
A. INVESTMENTS			
U. S. TREASURY SPECIAL CERTIFICATES OF INDEBTEDNESS 4/	8,284,295,000.00	5,163,657,000.00	13,447,952,000.00
B. UNDISBURSED BALANCES			
1. HIGHWAY TRUST FUND	520.61	751.51	1,272.12
2. HIGHWAYS (FEDERAL-AID)	649,059,807.53	-	649,059,807.53
3. RIGHT-OF-WAY REVOLVING FUND	24,759,860.92	-	24,759,860.92
4. HIGHWAY RELATED SAFETY GRANTS	11,326,962.91	-	11,326,962.91
5. HIGHWAY SAFETY RESEARCH AND DEVELOPMENT	3,800,019.68	-	3,800,019.68
6. TRUST FUND SHARE OTHER HIGHWAY PROGRAMS	3,721,121.47	-	3,721,121.47
7. MASS TRANSIT ACCOUNT	-	3,902,653.53	3,902,653.53
8. NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION	33,821,056.96	-	33,821,056.96
9. OTHER	8,323,306.54	-	8,323,306.54
10. TOTAL	734,812,656.62	3,903,405.04	738,716,061.66
C. TOTAL BALANCE	\$9,019,107,656.62	\$5,167,560,405.04	\$14,186,668,061.66

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

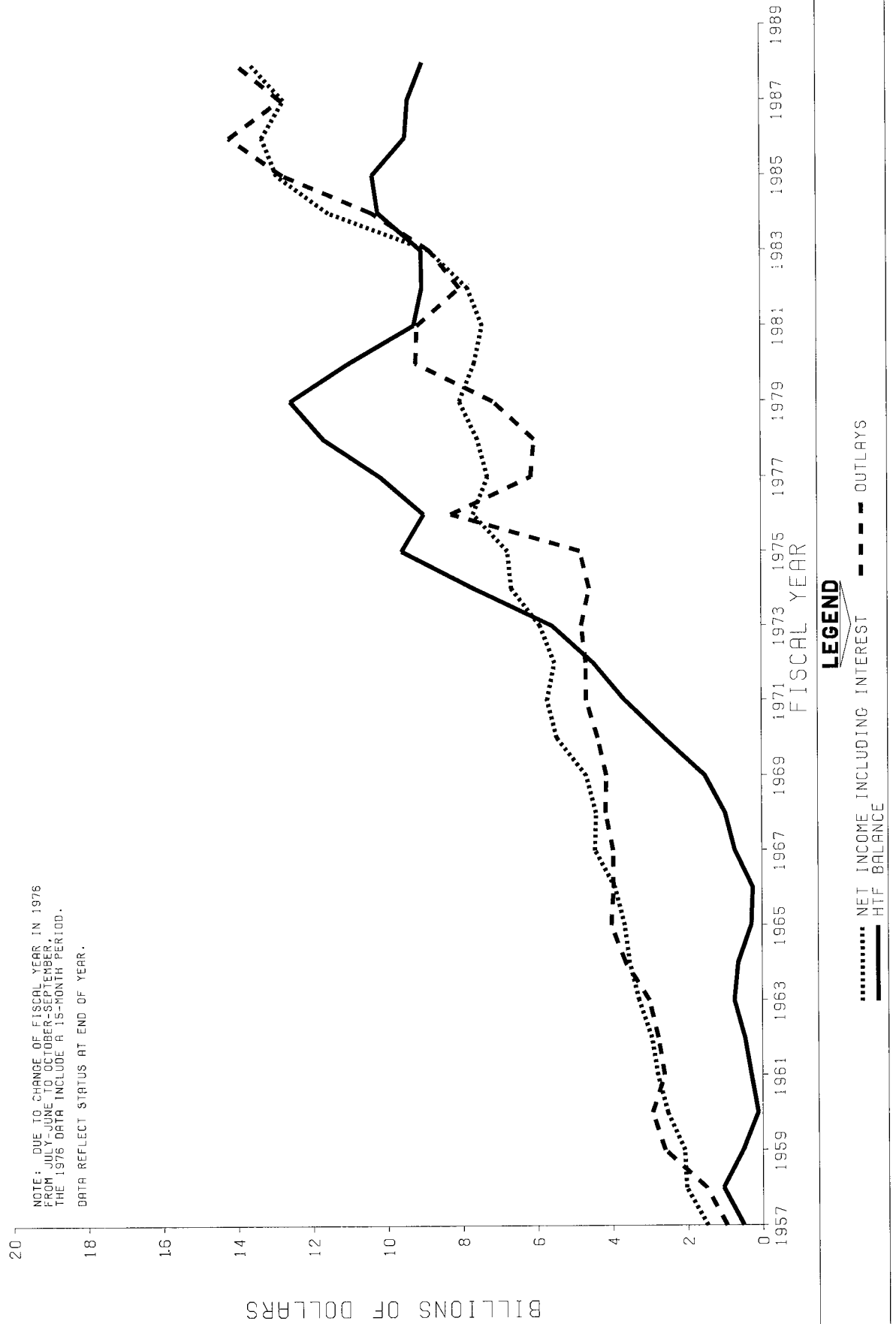
2/ THE MASS TRANSIT ACCOUNT WAS ESTABLISHED APRIL 1, 1983 WITH ENACTMENT OF THE SURFACE TRANSPORTATION ASSISTANCE ACT OF 1982.

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

4/ CERTIFICATES HELD SEPTEMBER 30, 1988 FOR \$13,447,952,000.00 BORE INTEREST AT 8.625 PERCENT.

STATUS OF THE FEDERAL HIGHWAY TRUST FUND

(EXCLUDES MASS TRANSIT ACCOUNT)



FEDERAL HIGHWAY TRUST FUND RECEIPTS
ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE¹
FISCAL YEAR 1988

TABLE FE-9
SHEET 1 OF 2
MARCH 1989

(THOUSANDS OF DOLLARS)

STATE	GASOLINE	GASOHOL	TOTAL GASOLINE	SPECIAL FUELS	TOTAL MOTOR FUEL 2/	STATE
	(1)	(2)	(3)	(4)	(5)	
ALABAMA	121,711	9,087	130,798	54,985	185,783	ALABAMA
ALASKA	15,045	7	15,052	3,903	18,955	ALASKA
ARIZONA	128,470	-	128,470	36,548	165,018	ARIZONA
ARKANSAS	91,132	-	91,132	44,096	135,228	ARKANSAS
CALIFORNIA	938,331	4,925	943,256	232,203	1,175,459	CALIFORNIA
COLORADO	117,125	417	117,542	25,027	142,569	COLORADO
CONNECTICUT	106,721	-	106,721	28,198	134,919	CONNECTICUT
DELAWARE	25,548	-	25,548	7,982	33,530	DELAWARE
DIST. OF COL.	13,848	6	13,854	2,964	16,818	DIST. OF COL.
FLORIDA	432,795	2,721	435,516	101,266	536,782	FLORIDA
GEORGIA	261,443	-	261,443	105,031	366,474	GEORGIA
HAWAII	26,782	-	26,782	2,864	29,646	HAWAII
IDAHO	31,805	472	32,277	13,976	46,253	IDAHO
ILLINOIS	257,038	26,134	283,172	99,198	382,370	ILLINOIS
INDIANA	153,217	13,366	166,583	82,299	248,882	INDIANA
IOWA	68,544	7,738	76,282	42,499	118,781	IOWA
KANSAS	82,485	2,725	85,210	42,329	127,539	KANSAS
KENTUCKY	79,681	14,761	94,442	47,943	142,385	KENTUCKY
LOUISIANA	134,360	4,930	139,290	46,513	185,803	LOUISIANA
MAINE	45,296	-	45,296	19,525	64,821	MAINE
MARYLAND	157,218	-	157,218	42,795	200,013	MARYLAND
MASSACHUSETTS	188,813	-	188,813	38,121	226,934	MASSACHUSETTS
MICHIGAN	284,606	9,411	294,017	69,545	363,562	MICHIGAN
MINNESOTA	130,907	4,171	135,078	42,556	177,634	MINNESOTA
MISSISSIPPI	94,564	-	94,564	40,231	134,795	MISSISSIPPI
MISSOURI	206,694	427	207,121	66,169	273,290	MISSOURI
MONTANA	31,927	48	31,975	14,536	46,511	MONTANA
NEBRASKA	36,089	4,716	40,805	27,548	68,353	NEBRASKA
NEVADA	38,308	1,147	39,455	15,898	55,353	NEVADA
NEW HAMPSHIRE	39,103	-	39,103	7,469	46,572	NEW HAMPSHIRE
NEW JERSEY	267,067	-	267,067	74,056	341,123	NEW JERSEY
NEW MEXICO	54,111	1,935	56,046	25,456	81,502	NEW MEXICO
NEW YORK	468,144	-	468,144	86,036	554,180	NEW YORK
NORTH CAROLINA	249,582	-	249,582	78,821	328,403	NORTH CAROLINA
NORTH DAKOTA	20,896	1,222	22,118	12,210	34,328	NORTH DAKOTA
OHIO	307,753	17,367	325,120	111,148	436,268	OHIO
OKLAHOMA	124,735	-	124,735	51,808	176,543	OKLAHOMA
OREGON	99,509	-	99,509	36,546	136,055	OREGON
PENNSYLVANIA	350,784	-	350,784	118,103	468,887	PENNSYLVANIA
RHODE ISLAND	29,789	-	29,789	7,530	37,319	RHODE ISLAND
SOUTH CAROLINA	122,186	734	122,920	38,394	161,314	SOUTH CAROLINA
SOUTH DAKOTA	22,922	1,153	24,075	12,447	36,522	SOUTH DAKOTA
TENNESSEE	165,919	10,218	176,137	75,809	251,946	TENNESSEE
TEXAS	626,767	8,858	635,625	188,528	824,153	TEXAS
UTAH	57,855	4	57,859	19,141	77,000	UTAH
VERMONT	21,223	-	21,223	5,937	27,160	VERMONT
VIRGINIA	204,464	6,047	210,511	72,525	283,036	VIRGINIA
WASHINGTON	163,256	1,049	164,305	41,506	205,811	WASHINGTON
WEST VIRGINIA	62,833	-	62,833	20,143	82,976	WEST VIRGINIA
WISCONSIN	151,880	200	152,080	52,199	204,279	WISCONSIN
WYOMING	22,598	1	22,599	24,722	47,321	WYOMING
TOTAL	7,933,879	155,997	8,089,876	2,557,282	10,647,158	TOTAL

FEDERAL HIGHWAY TRUST FUND RECEIPTS
ATTRIBUTABLE TO HIGHWAY USERS IN EACH STATE¹
FISCAL YEAR 1988

TABLE FE-9
SHEET 2 OF 2
MARCH 1989

(THOUSANDS OF DOLLARS)

STATE	FEDERAL USE TAX	TRUCKS AND TRAILERS	TIRES	REPEALED TAXES 3/	TOTAL RECEIPTS	STATE
	(6)	(7)	(8)	(9)	(10)	
ALABAMA	12,499	27,461	7,183	-62	232,864	ALABAMA
ALASKA	887	1,949	510	-6	22,295	ALASKA
ARIZONA	8,308	18,253	4,774	-48	196,305	ARIZONA
ARKANSAS	10,023	22,022	5,760	-38	172,995	ARKANSAS
CALIFORNIA	52,782	115,966	30,334	-354	1,374,187	CALIFORNIA
COLORADO	5,689	12,499	3,269	-43	163,983	COLORADO
CONNECTICUT	6,410	14,083	3,684	-40	159,056	CONNECTICUT
DELAWARE	1,814	3,986	1,043	-10	40,363	DELAWARE
DIST. OF COL.	674	1,480	387	-5	19,354	DIST. OF COL.
FLORIDA	23,019	50,574	13,229	-163	623,441	FLORIDA
GEORGIA	23,875	52,455	13,721	-104	456,421	GEORGIA
HAWAII	651	1,430	374	-9	32,092	HAWAII
IDAHO	3,177	6,980	1,826	-14	58,222	IDAHO
ILLINOIS	22,549	49,542	12,959	-136	467,284	ILLINOIS
INDIANA	18,707	41,102	10,751	-83	319,359	INDIANA
IOWA	9,660	21,225	5,552	-40	155,178	IOWA
KANSAS	9,622	21,140	5,530	-38	163,793	KANSAS
KENTUCKY	10,898	23,944	6,263	-54	183,436	KENTUCKY
LOUISIANA	10,573	23,230	6,076	-59	225,623	LOUISIANA
MAINE	4,438	9,751	2,551	-18	81,543	MAINE
MARYLAND	9,728	21,372	5,591	-59	236,645	MARYLAND
MASSACHUSETTS	8,665	19,039	4,980	-68	259,550	MASSACHUSETTS
MICHIGAN	15,808	34,732	9,085	-118	423,069	MICHIGAN
MINNESOTA	9,673	21,254	5,559	-56	214,064	MINNESOTA
MISSISSIPPI	9,145	20,092	5,256	-38	169,250	MISSISSIPPI
MISSOURI	15,041	33,046	8,644	-80	329,941	MISSOURI
MONTANA	3,304	7,259	1,899	-13	58,960	MONTANA
NEBRASKA	6,262	13,758	3,599	-23	91,949	NEBRASKA
NEVADA	3,614	7,940	2,077	-17	68,967	NEVADA
NEW HAMPSHIRE	1,698	3,730	976	-14	52,962	NEW HAMPSHIRE
NEW JERSEY	16,834	36,985	9,674	-100	404,516	NEW JERSEY
NEW MEXICO	5,786	12,713	3,326	-25	103,302	NEW MEXICO
NEW YORK	19,557	42,968	11,239	-168	627,776	NEW YORK
NORTH CAROLINA	17,917	39,365	10,297	-96	395,886	NORTH CAROLINA
NORTH DAKOTA	2,775	6,098	1,595	-11	44,785	NORTH DAKOTA
OHIO	25,265	55,509	14,520	-143	531,419	OHIO
OKLAHOMA	11,776	25,874	6,768	-50	220,911	OKLAHOMA
OREGON	8,307	18,252	4,774	-39	167,349	OREGON
PENNSYLVANIA	26,846	58,983	15,429	-136	570,009	PENNSYLVANIA
RHODE ISLAND	1,712	3,761	984	-11	43,765	RHODE ISLAND
SOUTH CAROLINA	8,727	19,175	5,016	-48	194,184	SOUTH CAROLINA
SOUTH DAKOTA	2,829	6,216	1,626	-11	47,182	SOUTH DAKOTA
TENNESSEE	17,232	37,860	9,903	-81	316,860	TENNESSEE
TEXAS	42,854	94,155	24,629	-250	985,541	TEXAS
UTAH	4,351	9,559	2,500	-22	93,388	UTAH
VERMONT	1,348	2,965	776	-8	32,241	VERMONT
VIRGINIA	16,486	36,220	9,474	-88	345,128	VIRGINIA
WASHINGTON	9,435	20,729	5,422	-62	241,335	WASHINGTON
WEST VIRGINIA	4,579	10,060	2,631	-24	100,222	WEST VIRGINIA
WISCONSIN	11,865	26,069	6,819	-59	248,973	WISCONSIN
WYOMING	5,619	12,346	3,230	-12	68,504	WYOMING
TOTAL	581,293	1,277,156	334,074	-3,254	12,836,427	TOTAL

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

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

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

COMPARISON OF FEDERAL HIGHWAY TRUST FUND RECEIPTS ATTRIBUTABLE TO THE STATES AND FEDERAL-AID APPORTIONMENTS FROM THE FUND¹ FISCAL YEARS 1957 - 1988

TABLE F-261 MAY 1989

Table with columns for STATE, FISCAL YEAR 1988, PAYMENTS INTO THE FUND Z, APPORTIONMENTS FROM THE FUND 3/, and RATIO-PERCENT APPORTIONMENTS/PAYMENTS. Includes sub-headers for percentage of total and cumulative amounts for various fiscal years.

1/ EXCLUDES THE 1 CENT PER GALLON TAX ON MOTOR FUEL TRANSFERRED TO THE MASS TRANSIT ACCOUNT AND THE 0.1 CENT PER GALLON TAX ON MOTOR FUEL DEDICATED TO THE LEAKING UNDERGROUND STORAGE TANK TRUST FUND. INCLUDES FISCAL YEAR 1989 INTERSTATE SECURITY RECEIPTS ATTRIBUTABLE TO THE FEDERAL-AID APPORTIONMENTS FROM THE FUND.

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS

TABLE FE-101
SHEET 1 OF 2

EFFECTIVE DATE OF NEW TAX OR REVISION OF EXISTING TAX	GASOLINE (CENTS PER GALLON)	DIESEL FUEL (CENTS PER GALLON)	LUBRICATING OIL (CENTS PER GALLON)	AUTOMOBILES (PERCENT OF MANUFACTURER'S SALES PRICE)	MOTORCYCLES (PERCENT OF MANUFACTURER'S SALES PRICE)	BUSES (PERCENT OF MANUFACTURER'S SALES PRICE)	TRUCKS (PERCENT OF MANUFACTURER'S SALES PRICE)	TRAILERS (PERCENT OF MANUFACTURER'S SALES PRICE)	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES (PERCENT OF MANUFACTURER'S SALES PRICE)	TUBES (PERCENT OF MANUFACTURER'S SALES PRICE)	TREAD RUBBER (CENTS PER POUND)	FEDERAL USE
OCTOBER 4, 1917	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-
JANUARY 1, 1919	-	-	-	V V V	V V V	V V V	V V V	-	-	-	-	-	AUTOMOBILES FOR PASSENGER OR LESS, \$20 FOR OVER 7
FEBRUARY 25, 1919	-	-	-	5 PERCENT	5 PERCENT	5 PERCENT	EXEMPTED TRUCK CHASSIS UNDER \$2000 OR UNDER \$2000 OR UNDER	-	5 PERCENT	5 PERCENT	5 PERCENT	-	V
JULY 3, 1924	-	-	-	V V V	V V V	V V V	V V V	-	2.5 PERCENT	2.5 PERCENT	2.5 PERCENT	-	V V V
FEBRUARY 26, 1926	-	-	-	V	V	V	REFELED	-	REFELED	REFELED	REFELED	-	V
MARCH 29, 1926	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	REFELED
JUNE 30, 1926	-	-	-	REFELED	REFELED	REFELED	-	-	-	-	-	-	REFELED
MAY 29, 1928	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	2 PERCENT	-	2 PERCENT	2.25 CENTS PER POUND	4 CENTS PER POUND	-	-
JUNE 21, 1932	1 CENT	-	4 CENTS	3 PERCENT	3 PERCENT	3 PERCENT	V	-	V	V	V	-	-
JUNE 17, 1933	1.5 CENTS	-	V	V	V	V	V	-	V	V	V	-	-
JANUARY 1, 1934	1 CENT	-	V	V	V	V	V	-	V	V	V	-	-
JULY 1, 1940	1.5 CENTS	-	4.5 CENTS	3.5 PERCENT	3.5 PERCENT	3.5 PERCENT	2.5 PERCENT	-	2.5 PERCENT	2.5 CENTS PER POUND	4.5 CENTS PER POUND	-	-
OCTOBER 1, 1941	V V	-	V V	7 PERCENT	7 PERCENT	5 PERCENT	5 PERCENT	HOUSE TRAILERS 7 PERCENT; OTHERS, 5 PERCENT	5 PERCENT	5 CENTS PER POUND	9 CENTS PER POUND	-	-
FEBRUARY 1, 1942	V	-	V	V	V	V	V	V	V	V	V	-	ALL MOTOR VEHICLES, \$5
NOVEMBER 1, 1942	V	-	6 CENTS	V	V	V	V	V	V	V	V	-	V
JUNE 30, 1946	V	-	V	V	V	V	V	V	V	V	V	-	REFELED
NOVEMBER 1, 1951	2 CENTS	V	V	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	8 PERCENT	8 PERCENT	V	V	-	-
SEPTEMBER 1, 1955	V V V	V V V	CUTTING OIL, 3 CENTS; OTHER, 6 CENTS	V V V	REFELED	V V V	V V V	V V V	V V V	V V V	V V V	-	-
JULY 1, 1956	3 CENTS	3 CENTS	V V V V	V V V V	-	10 PERCENT	10 PERCENT	10 PERCENT	V V V V	8 CENTS PER POUND	3 CENTS	3 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT - \$1.50 PER 1,000 POUNDS ANNUAL TAX \$7
OCTOBER 1, 1959	4 CENTS	4 CENTS	V V V V	V V 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 V V	-	V V V V	V V V V	V V V V	V V V V	10 CENTS PER POUND	10 CENTS PER POUND	5 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT - \$1.50 PER 1,000 POUNDS ANNUAL TAX \$7
JUNE 22, 1965	V	V	V	7 PERCENT	-	10 PERCENT	10 PERCENT	V	V	V	V	V	V
JANUARY 1, 1966	V	V	6 CENTS	6 PERCENT	-	V	V	V	8 PERCENT	V	V	V	V
MARCH 16, 1966	V	V	V	7 PERCENT	-	V	V	V	V	V	V	V	V
AUGUST 16, 1971	V	V	V	REFELED	-	V	V	V	V	V	V	V	V
NOVEMBER 10, 1978	4 CENTS	4 CENTS	6 CENTS	-	-	REFELED	REFELED	V	8 PERCENT	10 CENTS PER POUND	10 CENTS PER POUND	5 CENTS	V V V
JANUARY 1, 1981	V V V V	V V V V	V V V V	-	-	-	V V V V	V V V V	V V V V	9.75 CENTS PER POUND	V V V V	V V V V	V V V V
JANUARY 7, 1983	V V V	V V V	REFELED	-	-	-	10 PERCENT	10 PERCENT	REFELED	V	V	V	V
APRIL 1, 1983	9 CENTS	9 CENTS	-	-	-	12 PERCENT	12 PERCENT	12 PERCENT	-	V	V	V	V

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS

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EFFECTIVE DATE OF NEW TAX OR REVISION OF EXISTING TAX	GASOLINE (CENTS PER GALLON)	DIESEL FUEL (CENTS PER GALLON)	LUBRICATING OIL (CENTS PER GALLON)	AUTOMOBILES (PERCENT OF MANUFACTURER'S SALES PRICE)	MOTORCYCLES (PERCENT OF MANUFACTURER'S SALES PRICE)	BUSES (PERCENT OF MANUFACTURER'S SALES PRICE)	TRUCKS (CENTS PER LB/100)	TRAILERS (CENTS PER LB/100)	PARTS AND ACCESSORIES (PERCENT OF MANUFACTURER'S SALES PRICE)	TIRES (CENTS PER LB)	TUBES (CENTS PER LB)	TREAD RUBBER (CENTS PER POUND)	FEDERAL USE
JANUARY 1, 1984	V	V	-	-	-	-	V	V	-	15 CENTS A POUND OVER 40 TO 70 POUNDS; \$4.50 A POUND OVER 70 TO 90 POUNDS; PLUS 4 CENTS PER 50 POUNDS OVER 90 POUNDS	REPERLED	REPERLED	V
JULY 1, 1984	V	V	-	-	-	-	V	V	-	V	-	-	V
AUGUST 1, 1984	V	V	-	-	-	-	V	V	-	V	-	-	V
EXISTING RATES	9 CENTS 13/ 17/ 20/	15 CENTS 13/ 17/ 20/	-	-	-	-	12 PERCENT B/ 16/	12 PERCENT B/ 16/	-	15 CENTS A POUND OVER 40 TO 70 POUNDS; \$4.50 A POUND OVER 70 TO 90 POUNDS; PLUS 4 CENTS PER 50 POUNDS OVER 90 POUNDS	-	-	ANNUAL TAX MOTOR VEHICLES: \$5,000 TO \$75,000 HEIGHT: \$100.00 PLUS \$22.00 PER 50,000 POUNDS OVER 75,000 POUNDS \$550.00 LB/
(SCHEDULED CHANGE UNDER EXISTING LAWS)	TERMINATION OCT. 1, 1993	TERMINATION OCT. 1, 1993	-	-	-	-	TERMINATION OCT. 1, 1993	TERMINATION OCT. 1, 1993	-	TERMINATION OCT. 1, 1993	-	-	TERMINATION OCTOBER 1, 1993

1/ ALL ITEMS ARE MANUFACTURERS' EXCISE TAXES EXCEPT SPECIAL FUEL, DIESEL FUEL, AND THE FEDERAL USE TAX. SPECIAL FUEL AND DIESEL FUEL TAXES ARE RETAILERS' EXCISE TAXES. EFFECTIVE APRIL 1, 1993 THE TRUCK AND TRAILER EXCISE TAXES WILL BE REVENUE EXEMPT. FEDERAL USE TAX IS AN EXCISE TAX ON USERS. EFFECTIVE APRIL 1, 1988 THE DIESEL FUEL TAX WILL BE REVENUE EXEMPT. EFFECTIVE MARCH 31, 1989, THE 2-CENT REFUND OR CREDIT FOR NONHIGHWAY GASOLINE USE IS PERMITTED ONLY FOR OFF-HIGHWAY BUSINESS USE. SPECIAL FUEL IS TAXED AT THE FULL RATE EXCEPT TAX IS 2 CENTS FOR OFF-HIGHWAY BUSINESS USE, AND THE TAX ON LUBRICATING OIL IS REFUNDABLE ONLY FOR OFF-HIGHWAY BUSINESS USE. REFUNDABLE JANUARY 1, 1979 THROUGH DECEMBER 31, 1982 THE TAX PAID ON MOTOR FUEL USED IN CERTAIN TAXICABS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 19, 1977, ARE REFUNDED. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT AND SCHOOL BUSES ALONG WITH INTERGLY AND LOCAL BUSES USED TO TRANSPORT THE GENERAL EXEMPTION TAXES FOR MOTOR FUEL LUBRICATING OIL. TUBES AND TREAD RUBBER EFFECTIVE AUGUST 1, 1984 THE EXEMPTION FOR DIESEL AND SPECIAL FUEL USED BY THESE BUSES CANNOT EXCEED 12 CENTS A GALLON UNLESS USED BY QUALIFIED LOCAL BUSSES THROUGH THE "BASIS" TAX IS 5 PERCENT OF THE MANUFACTURER'S WHOLESALE PRICE. THE 8 PERCENT RATE THAT BECAME EFFECTIVE ON A TEMPORARY BASIS, NOVEMBER 1, 1981, HAS REMAINED IN EFFECT THROUGH PERIODIC EXTENSIONS. 15/ THE TAX ON NONHIGHWAY TIRES IS 4.875 CENTS A POUND EXCEPT LAMINATED TIRES ARE TAXED AT 1 CENT A POUND. AND RAIL/HIGHWAY TRAILERS ARE EXEMPT FROM STATED TAXES. EFFECTIVE JULY 16, 1984 PISTON/CRANK TRAILERS ARE TAXED AT 6 PERCENT THROUGH JULY 17, 1985. 16/ THE DIESEL FUEL TAX IS IMPOSED ON FUEL USED IN A DIESEL-POWERED HIGHWAY VEHICLE. THE SPECIAL FUEL TAX IS THROUGH SEPTEMBER 30, 1993 FUEL CONSISTING OF AT LEAST 85 PERCENT DIESEL FUEL AND 15 PERCENT OTHER ALCOHOLS EXCEPT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS. IS EXEMPT THROUGH DECEMBER 31, 1985 THEN TAXED AT 9 CENTS A GALLON. THE DIESEL CONSISTING OF AT LEAST 85 PERCENT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS IS TAXED AT 9 CENTS A GALLON. 17/ PERCENT ALCOHOL EXCEPT ALCOHOL MADE FROM PETROLEUM, NATURAL GAS, OR COAL IS TAXED AT 4 CENTS A GALLON. EFFECTIVE JANUARY 1, 1985 THE 4-CENT RATE CHANGES TO 3 CENTS 9 CENTS FOR DIESEL-BASED FUEL THROUGH SEPTEMBER 30, 1987. EFFECTIVE JANUARY 1, 1988 THROUGH SEPTEMBER 30, 1988, A 4-CENT REFUND CAN BE CLAIMED FOR CERTAIN TAXICAB 18/ THE EFFECTIVE DATE FOR THE RATE CHANGE FOR SMALL OWNER-OPERATORS WITH 5 OR LESS TAXABLE TRUCKS, IS JULY 1, 1985. RATE IS REDUCED BY 25 PERCENT FOR LOGGING TRUCKS. TRUCKS USED LESS THAN 5,000 MILES, FARM TRUCKS 7,500 MILES, AND TRUCKS USED FOR RECREATION PURPOSES IN CANADA OR MEXICO SHALL BE TAXED AT 75 PERCENT OF THE RATE BEFORE THEY CAN OPERATE IN THE UNITED STATES. PREVIOUSLY THESE VEHICLES WERE EXEMPT. 19/ AFTER JANUARY 1, 1985, AND BEFORE JANUARY 1, 1993, A ONE-TIME DIESEL DIFFERENTIAL PAYMENT IS MADE TO THE ORIGINAL PURCHASER OF A DIESEL VEHICLE. THE PAYMENT DECREASES BY ONE-SIXTH FOR EACH PRIOR MODEL YEAR VEHICLE AND IS NOT MADE FOR 1978 OR EARLIER MODEL YEAR VEHICLES. 20/ DIESEL VEHICLES ARE EXEMPT FROM THE LEAKING UNDERGROUND STORAGE TANK TRUST FUND EFFECTIVE JANUARY 1, 1987.

2/ ALL ITEMS ARE MANUFACTURERS' EXCISE TAXES EXCEPT SPECIAL FUEL, DIESEL FUEL, AND THE FEDERAL USE TAX. SPECIAL FUEL AND DIESEL FUEL TAXES ARE RETAILERS' EXCISE TAXES. EFFECTIVE APRIL 1, 1993 THE TRUCK AND TRAILER EXCISE TAXES WILL BE REVENUE EXEMPT. FEDERAL USE TAX IS AN EXCISE TAX ON USERS. EFFECTIVE APRIL 1, 1988 THE DIESEL FUEL TAX WILL BE REVENUE EXEMPT. EFFECTIVE MARCH 31, 1989, THE 2-CENT REFUND OR CREDIT FOR NONHIGHWAY GASOLINE USE IS PERMITTED ONLY FOR OFF-HIGHWAY BUSINESS USE. SPECIAL FUEL IS TAXED AT THE FULL RATE EXCEPT TAX IS 2 CENTS FOR OFF-HIGHWAY BUSINESS USE, AND THE TAX ON LUBRICATING OIL IS REFUNDABLE ONLY FOR OFF-HIGHWAY BUSINESS USE. REFUNDABLE JANUARY 1, 1979 THROUGH DECEMBER 31, 1982 THE TAX PAID ON MOTOR FUEL USED IN CERTAIN TAXICABS IS FULLY REFUNDABLE. TAXES PAID ON BUSES PURCHASED AFTER APRIL 19, 1977, ARE REFUNDED. EFFECTIVE DECEMBER 1, 1978, BUS PARTS AND ACCESSORIES ARE EXEMPT AND SCHOOL BUSES ALONG WITH INTERGLY AND LOCAL BUSES USED TO TRANSPORT THE GENERAL EXEMPTION TAXES FOR MOTOR FUEL LUBRICATING OIL. TUBES AND TREAD RUBBER EFFECTIVE AUGUST 1, 1984 THE EXEMPTION FOR DIESEL AND SPECIAL FUEL USED BY THESE BUSES CANNOT EXCEED 12 CENTS A GALLON UNLESS USED BY QUALIFIED LOCAL BUSSES THROUGH THE "BASIS" TAX IS 5 PERCENT OF THE MANUFACTURER'S WHOLESALE PRICE. THE 8 PERCENT RATE THAT BECAME EFFECTIVE ON A TEMPORARY BASIS, NOVEMBER 1, 1981, HAS REMAINED IN EFFECT THROUGH PERIODIC EXTENSIONS. 15/ THE TAX ON NONHIGHWAY TIRES IS 4.875 CENTS A POUND EXCEPT LAMINATED TIRES ARE TAXED AT 1 CENT A POUND. AND RAIL/HIGHWAY TRAILERS ARE EXEMPT FROM STATED TAXES. EFFECTIVE JULY 16, 1984 PISTON/CRANK TRAILERS ARE TAXED AT 6 PERCENT THROUGH JULY 17, 1985. 16/ THE DIESEL FUEL TAX IS IMPOSED ON FUEL USED IN A DIESEL-POWERED HIGHWAY VEHICLE. THE SPECIAL FUEL TAX IS THROUGH SEPTEMBER 30, 1993 FUEL CONSISTING OF AT LEAST 85 PERCENT DIESEL FUEL AND 15 PERCENT OTHER ALCOHOLS EXCEPT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS. IS EXEMPT THROUGH DECEMBER 31, 1985 THEN TAXED AT 9 CENTS A GALLON. THE DIESEL CONSISTING OF AT LEAST 85 PERCENT ALCOHOL MADE FROM PETROLEUM OR NATURAL GAS IS TAXED AT 9 CENTS A GALLON. 17/ PERCENT ALCOHOL EXCEPT ALCOHOL MADE FROM PETROLEUM, NATURAL GAS, OR COAL IS TAXED AT 4 CENTS A GALLON. EFFECTIVE JANUARY 1, 1985 THE 4-CENT RATE CHANGES TO 3 CENTS 9 CENTS FOR DIESEL-BASED FUEL THROUGH SEPTEMBER 30, 1987. EFFECTIVE JANUARY 1, 1988 THROUGH SEPTEMBER 30, 1988, A 4-CENT REFUND CAN BE CLAIMED FOR CERTAIN TAXICAB 18/ THE EFFECTIVE DATE FOR THE RATE CHANGE FOR SMALL OWNER-OPERATORS WITH 5 OR LESS TAXABLE TRUCKS, IS JULY 1, 1985. RATE IS REDUCED BY 25 PERCENT FOR LOGGING TRUCKS. TRUCKS USED LESS THAN 5,000 MILES, FARM TRUCKS 7,500 MILES, AND TRUCKS USED FOR RECREATION PURPOSES IN CANADA OR MEXICO SHALL BE TAXED AT 75 PERCENT OF THE RATE BEFORE THEY CAN OPERATE IN THE UNITED STATES. PREVIOUSLY THESE VEHICLES WERE EXEMPT. 19/ AFTER JANUARY 1, 1985, AND BEFORE JANUARY 1, 1993, A ONE-TIME DIESEL DIFFERENTIAL PAYMENT IS MADE TO THE ORIGINAL PURCHASER OF A DIESEL VEHICLE. THE PAYMENT DECREASES BY ONE-SIXTH FOR EACH PRIOR MODEL YEAR VEHICLE AND IS NOT MADE FOR 1978 OR EARLIER MODEL YEAR VEHICLES. 20/ DIESEL VEHICLES ARE EXEMPT FROM THE LEAKING UNDERGROUND STORAGE TANK TRUST FUND EFFECTIVE JANUARY 1, 1987.

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEARS 1957 - 1988

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ITEM	TAX RATE 2/	(MILLIONS OF DOLLARS)																
		1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969				
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1956 THROUGH SEPTEMBER 30, 1959; 4 CENTS PER GALLON OCTOBER 1, 1959 THROUGH MARCH 31, 1963; 9 CENTS PER GALLON FOR GASOLINE THEREAFTER, AND FOR DIESEL FUEL THROUGH JULY 31, 1964 AND 15 CENTS THEREAFTER; 4 CENTS PER GALLON FOR CHOROLUPTIL (PETROL) THROUGH SEPTEMBER 30, 1965; 3 CENTS PER GALLON FOR CHOROLUPTIL (DIESEL) THROUGH SEPTEMBER 30, 1965; 9 CENTS PER GALLON FOR FUEL WITH 85 PERCENT MINIMUM ALCOHOL MADE FROM NATURAL GAS APRIL 1, 1963 THROUGH JULY 31, 1964; 4.5 CENTS THEREAFTER.	1,326	1,608	1,657	2,044	2,361	2,374	2,452	2,643	2,736	2,846	3,124	3,096	3,181				
	EXCLUDES AVIATION FUEL TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.																	
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961; 10 CENTS PER POUND FOR HIGHWAY TIRES AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961 THROUGH DECEMBER 31, 1980; 9.75 CENTS PER POUND FOR HIGHWAY TIRES AND 4.875 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1981 THROUGH DECEMBER 31, 1982; 10 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1983 THROUGH DECEMBER 31, 1988.	82	244	247	281	246	327	366	369	382	442	482	468	551				
	FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND AND 3 CENTS PER POUND ON "OTHER TIRES" ACCRUED TO THE TRUST FUND; EXCLUDES AVIATION TIRE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.																	
INNER TUBES	9 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	-	17	15	19	15	17	19	22	24	30	33	19	28				
	NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957, JULY 1, 1957 THROUGH JUNE 30, 1970 ALL INNER TUBE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION INNER TUBE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.																	
TREAD RUBBER	3 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	11	13	14	15	14	23	24	22	24	25	25	30					
TRUCKS, BUSES AND TRAILERS	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1966 THROUGH MARCH 31, 1987; 10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE THEREAFTER. BUSES ARE EXCEPT FROM TAX EFFECTIVE APRIL 20, 1977.	34	111	107	142	115	128	311	357	393	442	525	510	541				
	DURING FISCAL YEAR 1957, ONE FIFTH OF THE TAX ACCRUED TO THE TRUST FUND, ONE HALF OF THE TAX ACCRUED TO THE TRUST FUND DURING THE PERIOD JULY 1, 1957 THROUGH JUNE 30, 1962; ALL THEREAFTER.																	
FEDERAL USE	\$1.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 26,000 POUNDS WHEN LOADED, AND \$1.95 THROUGH JUNE 30, 1981; \$1.00 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT JULY 1, 1961 THROUGH JUNE 30, 1984 (1985 FOR OWNERS OF 5 OR LESS TRUCKS); \$100.00 PLUS \$22.00 ANNUALLY PER 1,000 POUNDS OVER 55,000 POUNDS TO 75,000 POUNDS GROSS WEIGHT, \$550.00 ANNUALLY OVER 75,000 POUNDS GROSS WEIGHT THEREAFTER.	26	33	34	38	47	80	97	106	99	102	112	98	129				
LUBRICATING OIL	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1966. TAX REPEALED EFFECTIVE JANUARY 7, 1963.	-	-	-	-	-	-	-	-	23	68	82	83					
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS PARTS AND ACCESSORIES THROUGH JUNE 30, 1988; 10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS ACCESSORIES ARE EXCEPT FROM TAX EFFECTIVE DECEMBER 1, 1976. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	-	-	-	-	-	-	-	-	7	69	81	94					
TOTAL FROM EXCISES		1,479	2,026	2,074	2,539	2,798	2,949	3,279	3,519	3,658	3,917	4,441	4,379	4,637				
INTEREST ON INVESTMENTS		3	18	13	-3	1	7	14	20	11	7	14	33	53				
GRAND TOTAL		1,482	2,044	2,087	2,536	2,799	2,956	3,293	3,539	3,669	3,924	4,455	4,412	4,690				

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEARS 1957 - 1988

TABLE FE-201
SHEET 2 OF 3

ITEM	TAX RATE 2/	(MILLIONS OF DOLLARS)													
		1970	1971	1972	1973	1974	1975	1976	TRANSITION QUARTER 3/	1977	1978	1979	1980	1981	1982
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1956 THROUGH SEPTEMBER 30, 1959; 4 CENTS PER GALLON OCTOBER 1, 1959 THROUGH MARCH 31, 1963; 5 CENTS PER GALLON FOR APRIL 1, 1963 THROUGH JUNE 30, 1967; 6 CENTS PER GALLON FOR JULY 1, 1967 THROUGH DECEMBER 31, 1984; 3 CENTS PER GALLON FOR GASOLINE APRIL 1, 1985 THROUGH DECEMBER 31, 1984; 3 CENTS (9 CENTS FOR DIESEL-BASED FUEL) THEREAFTER. 9 CENTS PER GALLON FOR FUEL WITH 85 PERCENT MINIMUM ALCOHOL MADE FROM NATURAL GAS APRIL 1, 1983 THROUGH JULY 31, 1984; 4.5 CENTS THEREAFTER. EXCLUDES AVIATION FUEL TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	3,693	3,934	3,893	4,159	4,301	4,340	4,219	1,226	4,707	4,722	4,834	4,421	4,450	4,714
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" (150S THROUGH ONE 30THS) TIRES. 5 CENTS PER POUND THROUGH SEPTEMBER 30, 1980; 5.75 CENTS PER POUND FOR HIGHWAY TIRES AND 4.875 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1981 THROUGH DECEMBER 31, 1983; 15 CENTS A POUND OVER 40 TO 70 POUNDS; \$4.50 PLUS 30 CENTS A POUND OVER 70 TO 90 POUNDS; \$10.50 PLUS 50 CENTS A POUND OVER 90 POUNDS THEREAFTER. FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL TIRE TAX ACCRUED TO THE TRUST FUND. JULY 1, 1970 THROUGH JUNE 30, 1971 ALL TIRE TAX ACCRUED TO SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	588	576	632	721	838	744	546	210	758	762	809	633	599	626
INNER TUBES	9 CENTS PER POUND JULY 1, 1955 THROUGH JUNE 30, 1961; 10 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1963; REPEALED EFFECTIVE JANUARY 1, 1984. NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957. JULY 1, 1957 THROUGH JUNE 30, 1970 ALL INNER TUBE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION INNER TUBE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	26	23	24	29	33	33	25	8	30	31	38	26	26	23
TREAD RUBBER	3 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	28	30	27	31	24	20	23	7	25	25	20	21	19	23
TRUCKS, BUSES AND TRAILERS	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1956 THROUGH MARCH 31, 1957; 12 PERCENT THEREAFTER. BUSES ARE EXEMPT FROM TAX EFFECTIVE APRIL 20, 1977. DURING FISCAL YEAR 1957, ONE FIFTH OF THE TAX ACCRUED TO THE TRUST FUND. ONE-FIFTH OF THE TAX ACCRUED TO THE TRUST FUND DURING THE PERIOD JULY 1, 1957 THROUGH JUNE 30, 1962. ALL THEREAFTER.	700	693	436	380	614	602	219	50	708	851	944	912	664	725
FEDERAL USE	\$1.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 26,000 POUNDS WHEN LOADED. JULY 1, 1956 THROUGH JUNE 30, 1961; \$3.00 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT JULY 1, 1961 THROUGH JUNE 30, 1984 (1985 FOR OWNERS OF 5 OR LESS TRUCKS); \$100.00 PLUS \$22.00 ANNUALLY PER 1,000 POUNDS OVER 50,000 POUNDS GROSS WEIGHT; \$550.00 ANNUALLY OVER 75,000 POUNDS GROSS WEIGHT THEREAFTER.	137	148	150	161	225	222	209	110	240	246	235	277	237	333
LUBRICATING OIL	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1966. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	95	52	73	80	94	84	56	26	76	80	84	77	76	76
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS PARTS AND ACCESSORIES EFFECTIVE JANUARY 1, 1956. BUS PARTS AND ACCESSORIES ARE EXEMPT FROM TAX EFFECTIVE DECEMBER 1, 1978. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	87	85	87	104	131	143	116	39	165	188	225	253	234	224
TOTAL FROM EXCISES		5,354	5,541	5,322	5,665	6,260	6,188	5,413	1,676	6,709	6,905	7,189	6,620	6,305	6,744
INTEREST ON INVESTMENTS		115	184	206	247	415	586	587	13	593	652	857	1,027	1,129	1,078
GRAND TOTAL		5,469	5,725	5,528	5,912	6,675	6,774	6,000	1,689	7,302	7,557	8,046	7,647	7,434	7,822

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEARS 1957 - 1988

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(MILLIONS OF DOLLARS)

ITEM	TAX RATE 2/	HIGHWAYS/ TRANSIT ACCOUNT 3/	1983	1984	1985	1986	1987	1988
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1957 THROUGH SEPTEMBER 30, 1959; 4 CENTS PER GALLON THEREAFTER, AND FOR DIESEL FUEL THROUGH MARCH 31, 1961; 5 CENTS PER GALLON FOR GASOLINE THROUGH SEPTEMBER 30, 1961; 10 CENTS PER GALLON FOR HIGHWAY TIRES* JULY 1, 1957 THROUGH JULY 31, 1984 AND 15 CENTS PER GALLON THROUGH SEPTEMBER 30, 1984; 34 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1985; 36 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1986; 38 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1987; 40 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1988; 42 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1989; 44 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1990; 46 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1991; 48 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1992; 50 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1993; 52 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1994; 54 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1995; 56 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1996; 58 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1997; 60 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1998; 62 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 1999; 64 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2000; 66 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2001; 68 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2002; 70 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2003; 72 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2004; 74 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2005; 76 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2006; 78 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2007; 80 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2008; 82 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2009; 84 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2010; 86 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2011; 88 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2012; 90 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2013; 92 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2014; 94 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2015; 96 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2016; 98 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2017; 100 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2018; 102 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2019; 104 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2020; 106 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2021; 108 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2022; 110 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2023; 112 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2024; 114 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2025; 116 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2026; 118 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2027; 120 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2028; 122 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2029; 124 CENTS PER GALLON FOR MOTOR FUEL THROUGH SEPTEMBER 30, 2030.	HIGHWAYS/ TRANSIT ACCOUNT SUBTOTAL	6,530 1,520 7,050	9,159 1,236 10,405	9,812 1,214 11,026	10,254 1,113 11,367	10,458 1,239 11,397	10,647 1,278 11,925
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND FOR HIGHWAY TIRES* AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961 THROUGH SEPTEMBER 31, 1962; 15 CENTS PER POUND FOR HIGHWAY TIRES* AND 10 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1963 THROUGH SEPTEMBER 30, 1968; 15 CENTS PER POUND OVER 40 TO 70 POUNDS, \$4.50 PLUS 30 CENTS A POUND OVER 70 TO 90 POUNDS, \$10.50 PLUS 50 CENTS A POUND OVER 90 POUNDS THEREAFTER.	HIGHWAYS	577	320	224	320	292	334
INNER TUBES	FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND FOR JULY 1, 1957 THROUGH JUNE 30, 1970 ALL TIRE TAX ACCRUED TO THE TRUST FUND EXCEPT JULY 1, 1957 THROUGH JUNE 30, 1970 AND AFTER AUGUST 31, 1982.	HIGHWAYS	19	4	-1	-	-	-
TREAD RUBBER	3 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1963; REPEALED EFFECTIVE JANUARY 1, 1984.	HIGHWAYS	20	8	-1	-	-	-
TRUCKS, BUSES AND TRAILERS	NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957; JULY 1, 1957 THROUGH DECEMBER 31, 1959; 3 PERCENT OF THE GROSS WHOLESALE PRICE EXCEPTS AVIATION INNER TUBE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	HIGHWAYS	338	864	1,396	1,144	724	1,277
FEDERAL USE	\$1.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 10,000 POUNDS WHEN REGISTERED IN 1956 THROUGH JUNE 30, 1961; \$3.00 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 10,000 POUNDS WHEN REGISTERED IN JULY 1, 1961 THROUGH JUNE 30, 1964 (1965 FOR OWNERS OF 5 OR LESS TRUCKS); \$100.00 PLUS \$22.00 ANNUALLY PER 1,000 POUNDS OVER 55,000 POUNDS TO 75,000 POUNDS GROSS WEIGHT, \$550.00 ANNUALLY OVER 75,000 POUNDS GROSS WEIGHT THEREAFTER.	HIGHWAYS	236	180	379	533	620	561
LUBRICATING OIL	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1966. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	HIGHWAYS	9	-10	-10	-1	-	-
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS ACCESSORIES ARE EXEMPT FROM TAX EFFECTIVE DECEMBER 1, 1978. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	HIGHWAYS	48	-28	1	1	-1	5/ -3
TOTAL FROM EXCISES		HIGHWAYS TRANSIT ACCOUNT SUBTOTAL	7,777 520 8,297	10,507 1,236 11,743	11,800 1,214 13,014	12,251 1,113 13,364	11,793 1,239 13,032	12,436 1,278 14,114
INTEREST ON INVESTMENTS		HIGHWAYS TRANSIT ACCOUNT SUBTOTAL	1,075 2 1,077	1,026 89 1,115	1,106 206 1,312	1,054 283 1,337	934 344 1,278	809 364 1,193
GRAND TOTAL		HIGHWAYS TRANSIT ACCOUNT SUBTOTAL	6,493 522 7,015	11,533 1,420 12,953	12,906 1,420 14,326	13,905 1,396 15,301	12,227 1,583 14,310	13,646 1,661 15,307

1/ ALL AMOUNTS ARE NET AFTER PAYMENT OF REFUNDS AND TRANSFERS.
2/ FOR DETAILS OF THE TERMS OF THE MOTOR-FUEL AND AUTOMOTIVE TAXES, SEE TABLE FF-101.
3/ THE TRANSITION QUARTER INCLUDES THE MONTHS OF JULY, AUGUST, AND SEPTEMBER 1976.
4/ ONE CENT PER GALLON OF MOTOR FUEL TAX IS TRANSFERRED TO TRANSIT ACCOUNT IN THE TRUST FUND EFFECTIVE APRIL 1, 1985.
5/ INCLUDES REFUNDS FROM INNER TUBES, TREAD RUBBER, LUBRICATING OIL, AND PARTS AND ACCESSORIES.

APPORTIONMENT FORMULAS - FEDERAL-AID HIGHWAY PROGRAM¹

FISCAL YEAR 1989

 LEGISLATION AND STRATEGIC PLANNING DIVISION
 OFFICE OF POLICY DEVELOPMENT

 TABLE FA-4A
 JULY 1989

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

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

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

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

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

5/ PLACES OF 5,000 OR MORE PERSONS.

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

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

RECEIPTS AND EXPENDITURES FOR HIGHWAYS BY FEDERAL AGENCIES - SUMMARY - 1988

TABLE FA-5
OCTOBER 1989

(MILLIONS OF DOLLARS)

AGENCY AND FUND	RECEIPTS					EXPENDITURES FOR HIGHWAYS										BRAND-NAME EQUIPMENT			
	AUTO-MOTIVE EXCISES	GENERAL FUND APPROPRIATIONS	TIMBER SALES	OTHER	TOTAL	PAYMENTS TO STATES AND D.C.			CAPITAL OUTLAY			ADMINISTRATION AND RESEARCH	TOTAL DIRECT						
						FEDERAL-AID REIMBURSEMENTS	FOR RETURN TO LOCAL GOVERNMENTS	TOTAL Z/	ENGL.-NEER-ING	CON-STRUC-TION	TOTAL			MAINTENANCE					
FEDERAL HIGHWAY ADMINISTRATION																			
HIGHWAY TRUST FUND	13,188.1	-	-	Z/ 829.5	Z/ 13,987.6													-	
INTERSTATE AND FAP, FRAS, FRAU FUNDS	-	-	-	-	-	9,885.1	347.5	10,232.6	56.8	-	-	-	-	185.0	185.0	10,474.4	-	1,604.8	
BRIDGE REPLACEMENT FUNDS	-	-	-	-	-	1,589.4	-	1,589.4	5.4	-	-	-	-	-	-	17.9	18.5	1,388.7	
OTHER FEDERAL-AID FUNDS 4/	-	-	-	-	-	5/ 1,363.8	-	1,363.8	6.4	0.2	0.4	0.6	-	-	-	0.2	131.3	183.9	
FEDERAL LANDS HIGHWAYS	-	-	-	-	-	32.6	-	32.6	-	23.8	107.3	131.1	-	-	-	203.1	334.8	13,631.8	
TOTAL	-	-	-	-	-	12,880.9	347.5	13,228.4	66.6	-	-	-	-	-	-	-	-	-	-
GENERAL FUND	-	12.2	-	-	12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	12.2
RAILROAD CROSSING DEMONSTRATION	-	46.1	-	-	46.1	30.9	-	30.9	1.3	-	1.1	1.1	-	-	-	12.8	13.9	46.1	30.0
OTHER FEDERAL FUNDS 6/	-	30.0	-	-	30.0	30.0	-	30.0	-	-	-	-	-	-	-	-	-	-	30.0
INTERSTATE SUBSTITUTION	-	88.3	-	-	88.3	73.1	-	73.1	1.3	-	1.1	1.1	-	-	-	12.8	13.9	88.3	-
TOTAL	-	3.4	-	-	3.4	0.2	-	0.2	-	0.7	2.4	3.1	-	-	-	0.1	3.2	3.4	18.0
FUNDS TRANSFERRED FROM OTHER AGENCIES:																			
FOREST SERVICE	-	18.0	-	-	18.0	-	-	-	-	5.1	12.3	17.4	-	-	-	0.6	18.0	18.0	86.0
PARK SERVICE	-	86.0	-	-	86.0	84.9	-	84.9	-	-	-	-	-	-	-	1.1	-	-	86.0
APPALACHIAN DEVELOPMENT	-	22.3	-	-	22.3	18.5	-	18.5	-	0.8	2.5	3.3	-	-	-	0.5	3.8	22.3	2.2
DEPARTMENT OF DEFENSE 7/	-	2.2	-	-	2.2	-	-	-	-	0.4	1.7	2.1	-	-	-	0.1	2.2	2.2	5.0
BUREAU OF LAND MANAGEMENT	-	5.0	-	-	5.0	4.8	-	4.8	-	7.0	18.9	25.9	-	-	-	0.2	0.2	5.0	136.9
OTHER 8/	-	136.9	-	-	136.9	108.4	-	108.4	-	-	-	-	-	-	-	2.6	28.5	136.9	-
TOTAL TRANSFERRED FUNDS	-	225.2	-	-	225.2	13,062.4	347.5	13,409.9	69.9	31.0	127.7	156.7	-	-	-	218.5	377.2	13,857.0	-
TOTAL FUNDS ADMINISTERED BY FHWA	13,188.1	225.2	-	829.5	14,222.8	13,062.4	347.5	13,409.9	69.9	31.0	127.7	156.7	-	-	-	218.5	377.2	13,857.0	-
FOREST SERVICE 10/	-	-	417.5	-	417.5	0.6	155.1	155.7	4.0	-	-	-	192.0	192.0	65.8	-	257.8	417.5	-
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION 11/	-	62.5	-	-	62.5	109.7	1.1	110.8	9/ 1.8	-	-	-	-	-	-	-	92.8	205.4	-
NATIONAL PARK SERVICE	-	58.9	-	-	58.9	-	-	-	-	-	-	-	-	-	-	-	58.9	58.9	-
BUREAU OF INDIAN AFFAIRS	-	21.5	-	-	21.5	0.2	-	0.2	-	-	-	-	-	-	-	-	21.3	21.5	-
BUREAU OF RECLAMATION	-	79.2	-	-	79.2	14.7	-	14.7	-	-	64.5	64.5	-	-	-	-	64.5	79.2	-
U.S. CORPS OF ENGINEERS	-	-	-	17.0	17.0	10.6	0.1	10.7	1.0	-	5.3	5.3	-	-	-	-	5.3	17.0	-
BUREAU OF LAND MANAGEMENT	-	-	-	12/ 73.2	73.2	51.5	-	51.5	9.0	-	0.3	0.3	-	-	-	-	12.7	73.2	-
DEPARTMENT OF TREASURY, REVENUE SHARING	-	100.0	-	-	100.0	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-
HOUSING AND URBAN DEVELOPMENT, COBG	-	203.0	-	-	203.0	24.6	-	25.4	203.0	-	-	-	-	-	-	-	-	203.0	-
ALL OTHERS 13/	-	219.4	-	-	219.4	211.9	157.1	369.0	501.8	-	272.1	272.1	-	-	-	-	159.4	523.3	-
TOTAL, OTHER AGENCY FUNDS	-	743.5	417.5	90.2	1,251.2	1,251.2	157.1	369.0	501.8	-	272.1	272.1	-	-	-	-	159.4	523.3	-
GRAND TOTAL, ALL FUNDS	13,188.1	968.7	417.5	919.7	15,474.0	13,274.3	504.6	13,778.9	571.7	31.0	399.8	430.8	-	-	-	311.3	900.5	15,251.1	-

1/ FHWA AND NHTSA EXPENDITURES ARE FOR CALENDAR YEAR. ALL OTHER AGENCY EXPENDITURES ARE FOR FISCAL YEAR 1988. DIFFERENCES BETWEEN AMOUNTS IN THIS COLUMN AND THOSE SHOWN ON TABLE SF-21 ARE DUE TO FUNDS IN TRANSIT.

2/ INCOME FROM TRUST INVESTMENTS.

3/ INCLUDES FEDERAL FUNDS TRANSFERRED FROM OTHER AGENCIES TO STATES FOR RESEARCH AND PLANNING.

4/ INCLUDES FEDERAL FUNDS TRANSFERRED FROM OTHER AGENCIES TO STATES FOR RESEARCH AND PLANNING.

5/ INCLUDES \$203.2 MILLION PAID TO STATES FOR RESEARCH AND PLANNING.

6/ INCLUDES OFF-SYSTEM ROADS, ACCESS HIGHWAYS TO PUBLIC RECREATION AREAS, TERRITORIAL HIGHWAYS PROJECTS, RURAL PUBLIC TRANSPORTATION, MOTOR CARRIER SAFETY PROGRAMS, WASTE ISOLATION PILOT PROGRAM, ETC.

7/ DOES NOT INCLUDE WORK PERFORMED WITHIN THE CONFINES OF MILITARY RESERVATIONS.

8/ INCLUDES NORTHWEST CORRIDOR, COMMERCIAL DRIVER LICENSE GRANTS, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION, ETC.

9/ PAYMENTS TO AMERICAN SAHARA, GUAM, PUERTO RICO, VIRGIN ISLANDS AND NORTHERN MARIANAS AREAL INCLUDES FEDERAL FUNDS TRANSFERRED FROM OTHER AGENCIES TO STATES FOR RESEARCH AND PLANNING.

10/ THESE HIGHWAY SAFETY FUNDS ARE ADMINISTERED PARTLY BY THE FEDERAL HIGHWAY ADMINISTRATION AND ARE PARTLY PAID FROM THE HIGHWAY TRUST FUND.

11/ INCOME FROM OIL AND MINERAL ROYALTIES.

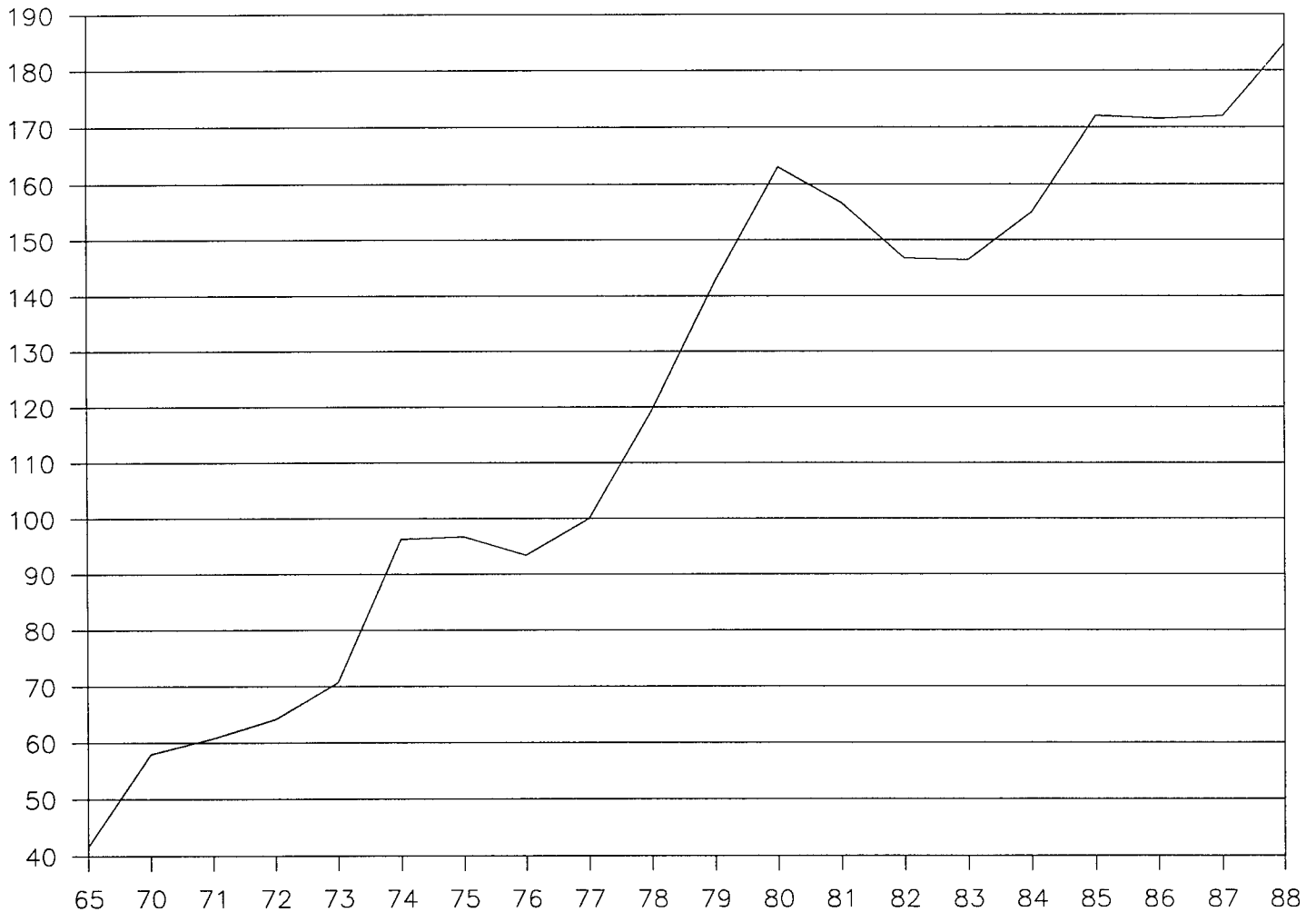
12/ INCLUDES FEDERAL EMERGENCY MANAGEMENT AGENCY, UMTRA, AND OTHER AGENCIES.

PRICE TRENDS FOR FEDERAL-AID HIGHWAY CONSTRUCTION¹

1977 BASE YEAR = 100

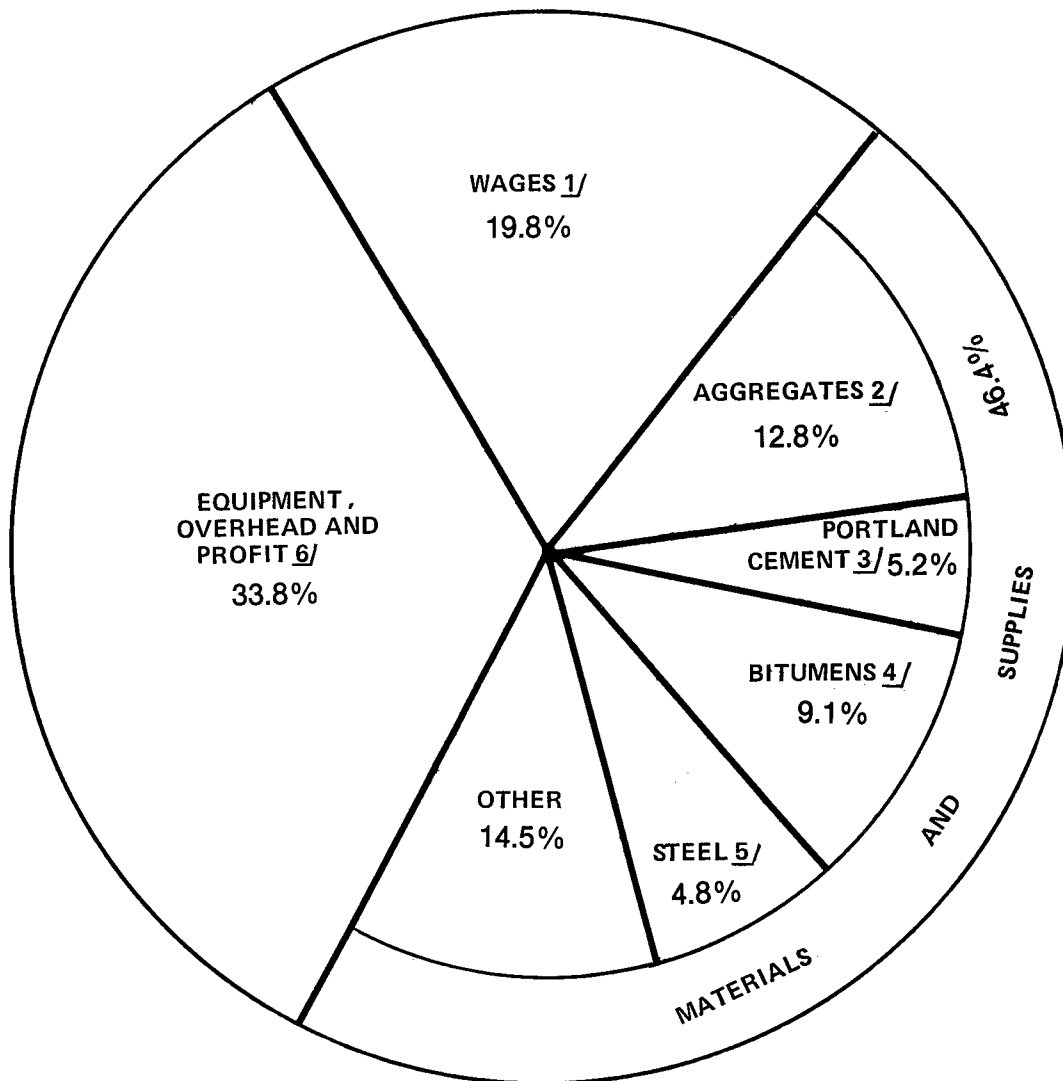
TABLE PT-1
AUGUST 1989

YEAR	EXCAVATION	SURFACING	STRUCTURES	COMPOSITE
1960	34.0	42.7	35.9	37.0
1965	40.6	43.4	41.3	41.7
1970	56.6	54.0	63.9	58.0
1971	57.6	58.9	67.0	60.8
1972	62.0	61.2	67.9	64.2
1973	68.4	66.5	75.4	70.8
1974	85.6	93.3	103.9	96.3
1975	88.6	95.1	102.1	96.7
1976	88.7	93.6	95.4	93.4
1977	100.0	100.0	100.0	100.0
1978	131.9	113.7	118.0	119.4
1979	138.8	138.3	148.1	142.6
1980	157.2	159.1	169.1	163.0
1981	151.4	158.2	158.1	156.7
1982	136.2	148.9	150.3	146.8
1983	149.6	147.5	144.1	146.5
1984	163.6	160.5	146.3	155.0
1985	192.3	171.4	163.0	172.1
1986	196.0	166.7	163.9	171.6
1987	208.3	155.9	167.7	172.0
1988	233.9	155.6	184.9	184.7



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

**DISTRIBUTION OF COSTS ON FEDERAL AID HIGHWAY CONSTRUCTION
CONTRACTS OVER \$1,000,000 EXCLUDING ALL SECONDARY PROJECTS
REPORTED DURING CALENDAR YEAR 1988 AS COMPLETED**



- 1) Gross earnings of contractors' employees in the following classifications: Administrative and Supervisory, Skilled, Intermediate, and Unskilled labor.
- 2) Aggregates consist of sand, gravel, slag, crushed stone, etc., for use in bases, portland cement concrete and bituminous surfaces, and portland cement concrete structures.
- 3) For both roadway and structures.
- 4) For various types of bituminous surfaces and bases.
- 5) Includes structural, reinforcing, culvert and miscellaneous steel.
- 6) Equipment includes fuel and lubricants 2.5%, but excludes operators' and mechanics' wages. Overhead includes contractors' on-site expenses such as mobilization, office rental, taxes, licenses, insurance, etc.

Source: Federal Aid Division
Office of Engineering, FHWA

(202) 366-4651

USAGE FACTORS FOR MAJOR HIGHWAY CONSTRUCTION MATERIALS AND LABOR¹

**U.S. WEIGHTED AVERAGES FOR ALL FEDERAL-AID HIGHWAY CONSTRUCTION
CONTRACTS OVER \$500,000, EXCLUDING ALL SECONDARY PROJECTS.
REPORTED AS COMPLETED DURING CALENDAR YEARS 1986, 1987, AND 1988**

FEDERAL-AID DIVISION
OFFICE OF ENGINEERING, FHWA

TABLE PT-4
AUGUST 1989

TYPE OF MATERIALS AND LABOR	UNIT	NUMBER OF UNITS PER MILLION DOLLARS OF CONSTRUCTION COST ^{2/}
CEMENT (EXCLUDES CEMENT IN CONCRETE PIPE)	TON	665
BITUMINOUS MATERIAL	TON	456
AGGREGATES ^{3/} PURCHASED (BY CONTRACTORS) PRODUCED (BY CONTRACTORS)	TON TON	15,750 5,591
STEEL STRUCTURAL (SHAPES, PLATES, H AND SHEET PILING)	TON	30
REINFORCING (PAVEMENT AND STRUCTURAL REINFORCEMENT)	TON	46
CULVERT PIPE (CORRUGATED METAL AND STRUCTURAL PLATE, PIPE ARCHES AND ARCHES)	TON	4
MISCELLANEOUS (JOINT DEVICES, TUBULAR PILING, ETC.)	TON	3
CONCRETE PIPE (PLAIN AND REINFORCED)	TON	93
CLAY PIPE AND TILE (INCLUDES SOME PVC PIPE)	TON	6
LUMBER (ALL LUMBER PRODUCTS EXCEPT TIMBER PILING)	BOARD FOOT	7,280
TIMBER PILING	LINEAR FOOT	62
PETROLEUM PRODUCTS ^{4/}	GALLON	33,002
EXPLOSIVES (EXCLUDES WEIGHTS OF CAPS AND FUSES)	POUND	4,878
FENCING (ALL TYPES)	LINEAR FOOT	1,192
GUARDRAIL (ALL TYPES)	LINEAR FOOT	1,106
BRIDGE RAILING (ALL TYPES)	LINEAR FOOT	124
CORRUGATED ALUMINUM CULVERT	POUND	67
CAST IRON PIPE (INCLUDES SOME DUCTILE IRON PIPE)	TON	2
SIGNS (COMPLETE IN PLACE)	DOLLAR	9,645
LIGHTING (COMPLETE IN PLACE)	DOLLAR	9,885
LABOR	EMPLOYEE-HOUR	15,992

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

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

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

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

COST TRENDS

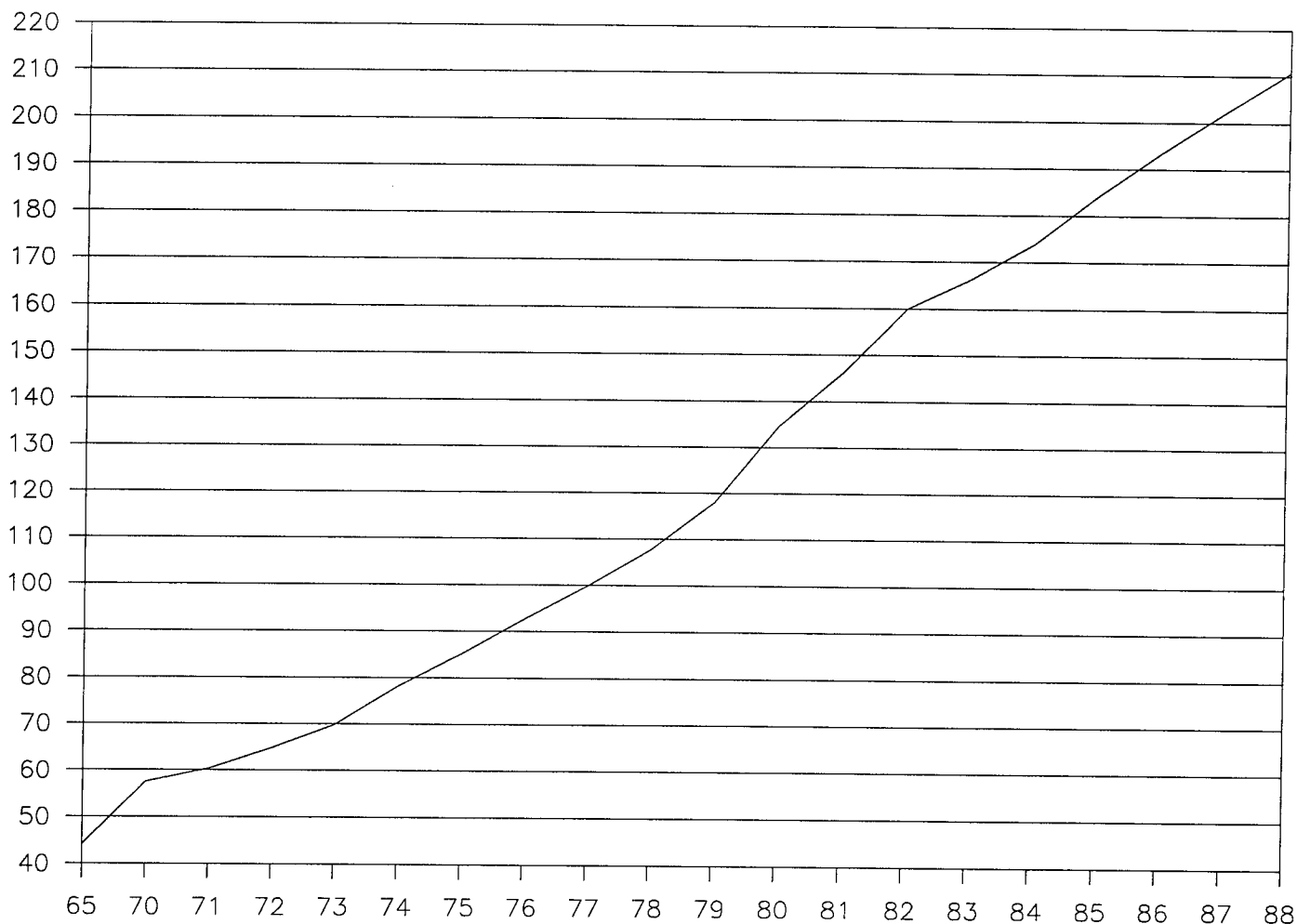
HIGHWAY MAINTENANCE AND OPERATION¹

CONSTRUCTION AND MAINTENANCE DIV.
OFFICE OF HIGHWAY OPERATIONS

1977 BASE YEAR = 100

TABLE PT-5
AUGUST 1989

YEAR	LABOR	MATERIAL	EQUIPMENT	OVERHEAD	TOTAL
1960	33.52	46.72	44.80	53.11	38.61
1965	40.44	48.96	48.53	58.05	44.18
1970	57.59	54.79	54.88	73.69	57.55
1971	61.20	57.91	55.59	77.45	60.46
1972	65.23	61.37	61.79	81.20	64.89
1973	-	-	-	-	-
1974	75.83	84.09	79.05	88.71	78.18
1975	81.72	95.60	87.85	92.46	85.24
1976	91.08	95.11	94.95	96.21	92.69
1977	100.00	100.00	100.00	100.00	100.00
1978	106.99	115.17	107.45	103.72	107.83
1979	114.51	136.26	120.84	107.48	118.17
1980	129.21	157.11	142.60	111.23	134.58
1981	136.96	159.31	167.84	130.36	146.29
1982	150.79	171.58	182.78	141.44	160.04
1983	157.58	170.04	188.08	159.40	166.28
1984	165.93	181.77	188.64	177.57	173.93
1985	176.05	194.68	197.13	195.86	184.37
1986	183.80	192.79	218.14	204.73	193.71
1987	192.30	185.27	232.36	220.05	202.53
1988	204.19	182.37	235.79	234.50	210.77



^{1/} THESE DATA ARE PREPARED FROM THE UNIT COST INFORMATION SUBMITTED EACH YEAR BY STATE HIGHWAY DEPARTMENTS AND COVER BOTH PHYSICAL MAINTENANCE AND TRAFFIC SERVICE ITEMS, INCLUDING SNOW AND ICE CONTROL.

DISPOSITION OF RECEIPTS FROM STATE IMPOSTS ON HIGHWAY USERS - 1988

TABLE OF OCTOBER 1989 COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

Table with columns for STATE, RECEIPTS FOR DISTRIBUTION, COLLEC-TION AND ADMINIS-TRATION HIGHWAY-USER REVENUES, NET FUNDS DEDUCTED, FOR STATE-ADMINISTERED HIGHWAYS, FOR LOCAL ROADS AND STREETS, FOR NONHIGHWAY PURPOSES, and TOTAL.

NOTE: TABLES MF-3 AND MV-3 MAY NOT ADD TO TABLE DUE TO ROUNDING... DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1984... SUCH ALLOCATIONS FOR LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS, BUT SUCH PURPOSES WERE NOT REPORTED.

STATE MOTOR-FUEL TAXES AND RELATED RECEIPTS - 1988

TABLE MF-1 SEPTEMBER 1989
COMPILED FOR THE CALENDAR YEAR FROM REPORTS OF STATE AUTHORITIES AND OTHER SOURCES
(THOUSANDS OF DOLLARS)

Table with columns: STATE, GASOLINE TAX RATE, SPECIAL FUELS, GROSS TAX COLLECTIONS, DEDUCTIONS BY DISTRIBUTORS, GROSS RECEIPTS BY STATE, NET RECEIPTS BY STATE, DEDICATED NONHIGHWAY GASOLINE REVENUE, ADJUSTED NET CHALLENGE RECEIPTS, DISTRIBUTORS AND DEALERS LICENSES, INSPECTION FEES, FINES AND PENALTIES, MISCELLANEOUS RECEIPTS, TOTAL, ADJUSTED NET TOTAL RECEIPTS. Rows list states from Alabama to Wyoming and a TOTAL/PERCENTAGE row.

1/ THIS TABLE INCLUDES THE REVENUES FROM STATE TAXES ON ALL MOTOR-VEHICLE FUELS AND RELATED RECEIPTS IN CONNECTION WITH MOTOR-FUEL REGULATION AND GASOLINE TAXES APPLICABLE ON FUEL TO BE CHALLENGED USED ON SPECIAL FUELS (OTHER THAN GASOLINE) AND GASOLINE TAXES APPLICABLE ON FUEL TO BE CHALLENGED USED ON THE HIGHWAYS. FOR THE FEW STATES THAT APPLY THE TAX TO ALL FUEL SOLD, THE REVENUE AND REFUNDS COVERING THE NONHIGHWAY PORTION OF THESE SPECIAL FUELS HAVE BEEN EXCLUDED.

2/ FOR TAX RATES AS OF JANUARY 1, 1988 AND RATE CHANGES DURING THE YEAR SEE TABLE MF-1211. STATES WITH THESE TAX RATES ARE SHOWN FOR A STATE IN PARENTHESES. STATES APPLYING TO DIESEL FUEL AND THE SECOND TO LIQUEFIED PETROLEUM GASES. SOME STATES IMPOSE ADDITIONAL REGISTRATION FEES OR WILLEGE TAXES ON VEHICLES USING SPECIAL FUELS. SUCH ADDITIONAL FEES ARE IN LIEU OF CHALLENGE TAXES FOR VEHICLES REGULATED BY THE PUBLIC UTILITIES COMMISSION IN OREGON.

DISPOSITION OF STATE MOTOR-FUEL TAX RECEIPTS - 1988

TABLE MF-3
OCTOBER 1989

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS
OF STATE AUTHORITIES

STATE	RECEIPTS AVAILABLE FOR DISTRIBUTION	FOR COLLECTING MOTOR-TAXES AND FEES	NET FUNDS USED	FOR STATE-ADMINISTERED HIGHWAYS				FOR LOCAL ROADS AND STREETS			FOR NONHIGHWAY PURPOSES			TOTAL
				CAPITAL OUTLAY-FINANCE ADMINISTRATION	HIGHWAY CARE-REPAIR AND SAFETY	SERVICE OBLIGATIONS FOR STATE HIGHWAYS	TOTAL	COUNTY AND TOWNSHIP ROADS	MUNICIPAL STREETS	TOTAL	FOR TRANSPORTATION PURPOSES	STATE GENERAL PURPOSES	LOCAL GENERAL PURPOSES	
ALABAMA	272,890	4,838	288,082	90,056	56,005	146,061	108,590	13,402	121,992	-	-	-	-	-
ARIZONA	320,993	1,650	319,335	135,066	24,935	161,763	69,335	88,238	157,573	-	-	-	-	-
ARKANSAS	203,584	2,036	201,548	136,923	1,762	137,516	36,785	27,247	54,032	-	-	-	-	(16,458)
CALIFORNIA	1,266,259	6,444	1,259,815	566,095	-	566,095	332,345	330,792	653,137	-	-	-	-	-
COLORADO	305,127	2,441	302,686	150,971	28,402	189,373	189,373	40,243	109,978	-	-	-	-	-
CONNECTICUT	302,127	1,057	301,070	153,850	28,249	265,167	6,851	22,100	29,865	-	-	-	-	-
DELAWARE	82,084	2,246	81,918	19,418	28,193	50,344	-	1,475	-	-	-	-	-	-
DIST. OF COL.	28,016	-	28,016	256,639	48,585	386,264	114,782	28,016	28,016	-	-	-	-	(34,362)
FLORIDA	644,399	1,268	643,131	319,850	81,182	282,950	28,982	63,295	178,077	-	-	-	-	-
GEORGIA	321,118	2,600	318,518	195,768	7,775	30,759	7,841	7,918	36,900	-	-	-	-	-
HAWAII	41,199	1,159	40,040	38,599	852	39,759	-	-	7,841	-	-	-	-	-
IDaho	89,817	1,118	88,499	38,782	9,271	48,053	31,862	8,575	40,437	-	-	-	-	-
ILLINOIS	720,829	13,351	707,478	221,146	43,033	387,975	175,400	144,102	319,502	-	-	-	-	-
INDIANA	536,343	7,268	529,075	226,017	39,870	265,887	142,136	121,052	263,188	-	-	-	-	-
IOWA	261,030	1,022	260,008	104,048	22,624	128,975	88,226	42,808	131,034	-	-	-	-	-
KANSAS	170,566	1,563	172,129	95,632	6,867	102,499	38,799	29,689	68,082	-	-	-	-	(2,500)
KENTUCKY	375,220	3,792	371,428	165,978	44,139	246,114	21,768	31,597	22,385	-	-	-	-	-
LOUISIANA	109,567	637	108,930	76,599	9,242	95,204	6,330	4,556	10,686	-	-	-	-	-
MAINE	109,567	637	108,930	76,599	9,242	95,204	6,330	4,556	10,686	-	-	-	-	-
MARYLAND	450,818	5,714	445,104	251,239	38,675	289,914	75,597	54,965	130,562	-	-	-	-	(19,899)
MASSACHUSETTS 10/	686,676	1,552	685,124	238,542	4,387	249,414	239,663	130,213	370,766	-	-	-	-	-
MICHIGAN	474,825	4,872	473,953	219,284	36,403	254,308	120,091	35,507	159,968	-	-	-	-	(1,907)
MINNESOTA	307,187	3,586	303,601	793,601	85,898	655,003	57,100	47,028	104,128	-	-	-	-	-
MISSISSIPPI	237,024	508	236,516	112,935	7,612	164,202	68,820	3,382	72,202	-	-	-	-	-
MISSOURI	345,530	1,870	343,660	47,771	44,295	164,202	68,820	3,382	72,202	-	-	-	-	-
MONTANA	102,292	720	101,572	57,200	10,579	257,865	34,300	51,496	85,786	-	-	-	-	-
NEBRASKA	164,125	87	164,038	164,038	6,441	79,391	32,760	30,957	63,647	-	-	-	-	(260)
NEVADA	127,147	1,133	126,014	74,185	8,633	93,367	19,123	13,289	32,412	-	-	-	-	-
NEW HAMPSHIRE	79,024	629	78,395	58,395	12,538	73,652	19,289	4,455	4,744	-	-	-	-	-
NEW JERSEY 9/	383,368	3,456	380,512	37,882	73,382	114,726	6,612	13,969	75,213	-	-	-	-	65,327
NEW MEXICO	141,354	848	140,506	121,750	8,680	133,030	5,477	-	5,477	-	-	-	-	(12,818)
NEW YORK 8/	518,677	16,979	501,698	75,910	60,565	87,489	138,828	114,463	253,291	-	-	-	-	-
NORTH CAROLINA	695,001	3,816	691,185	423,362	29,001	30,636	26,642	58,752	1,614	-	-	-	-	-
NORTH DAKOTA	797,187	3,586	793,601	520,245	85,165	655,003	57,100	47,028	104,128	-	-	-	-	-
OHIO	308,707	4,867	303,840	171,631	26,171	197,802	100,997	4,805	105,802	-	-	-	-	(4,811)
OREGON	189,521	668	188,853	92,328	9,014	106,375	81,487	30,456	141,487	-	-	-	-	-
PENNSYLVANIA	997,124	3,651	993,473	582,250	121,274	850,223	98,060	45,190	143,250	-	-	-	-	-
RHODE ISLAND 9/	86,844	746	86,098	26,379	6,345	42,878	82	7,761	7,923	-	-	-	-	-
SOUTH CAROLINA	285,116	1,693	283,423	219,654	37,514	263,869	19,555	-	19,555	-	-	-	-	-
SOUTH DAKOTA	70,970	1,090	69,880	52,216	11,902	64,118	203,591	5,762	5,762	-	-	-	-	(8,959)
TENNESSEE	469,316	7,411	461,905	174,221	5,532	192,200	65,842	65,842	269,433	-	-	-	-	-
TEXAS	1,465,288	14,953	1,450,335	821,299	88,608	889,907	8,063	403	8,466	-	-	-	-	551,962
UTAH	158,725	1,896	156,829	96,351	12,308	112,342	25,436	19,051	44,487	-	-	-	-	-
VERMONT	4,524	435	4,089	18,656	5,689	27,340	9,159	5,370	14,529	-	-	-	-	-
VIRGINIA	597,021	1,471	595,550	517,319	3,847	521,166	6,924	67,439	74,363	-	-	-	-	(18)
WASHINGTON	452,983	2,362	450,621	158,154	61,032	219,186	134,052	53,157	193,209	-	-	-	-	-
WEST VIRGINIA	111,337	1,095	110,242	79,353	30,949	110,302	80,695	61,430	162,056	-	-	-	-	4,169
WISCONSIN	502,859	748	502,111	297,001	31,442	300,596	11,277	4,249	15,526	-	-	-	-	-
WYOMING	35,915	250	35,665	16,386	3,442	20,058	11,277	4,249	15,526	-	-	-	-	-
TOTAL 10/	17,264,195	144,978	17,119,217	6,730,914	1,109,497	11,121,877	2,956,281	1,964,467	4,920,748	443,376	631,908	1,313	(80,992)	633,221

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

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

3/ MOTOR-FUEL TAXES ARE EITHER DEDICATED FOR SPECIFIC PURPOSES OR PLACED WITH OTHER HIGHWAYS. SPECIFIC FUNDS IN COMMON FUND WHICH HAVE ALLOCATION TO HIGHWAYS DISTRIBUTED FROM THE COMMON FUND.

4/ FURTHER COUNTY ROADS ARE UNDER STATE CONTROL IN ALA. (TEN COUNTIES), DEL., N.C., VA. (ALL BUT TWO COUNTIES), AND W. VA.

5/ INCLUDES DIRECT EXPENSES FUNDS ALLOTTED FOR "COUNTY AND TOWNSHIP ROADS" RATHER THAN GRANTS-IN-AID. IN MANY STATES, FUNDS ALLOTTED FOR "COUNTY AND TOWNSHIP ROADS" ARE ULTIMATELY HAVE BEEN USED IN PART FOR MUNICIPAL STREETS.

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

7/ GROSS NONHIGHWAY ALLOCATIONS OF MOTOR-FUEL REVENUES WERE OFFSET, IN THE AMOUNT SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS OUT OF STATE GENERAL FUNDS, AND THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE GENERAL PURPOSES.

8/ THE PENNSYLVANIA DIVISION OF HIGHWAYS HAS A PENALTY UNDER THE TERMS OF THE HYDEN-CARTRIGHT ACT OF 1934. SUCH DIVERSIONS CAN BE DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1934.

9/ IN ALASKA, DEL., N.J., N.Y., AND R.I., MOST HIGHWAY-USER REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES' FINANCING, SEE "HIGHWAY FINANCE" TEXT UNDER "FUNDS ATTRIBUTABLE TO HIGHWAY USERS".

10/ 1988 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR MASSACHUSETTS.

STATE TAX RATES ON MOTOR FUEL - 1988¹TABLE MF-121T
SHEET 1 OF 2
SEPTEMBER 1989

(CENTS PER GALLON)

STATE	GASOLINE		DIESEL		L.P.G.		GASOHDL		
	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	RATE	DATE OF CHANGE	EXEMPTION
ALABAMA	2/ 13		2/ 14		3/ 12		2/ 4/ 12		1
ALASKA	8		8		0		0		8
ARIZONA	16 17	9-1	16 17	9-1	16 17	9-1	16 17	9-1	0 0
ARKANSAS	13.5		12.5		11.5		13.5		0
CALIFORNIA	9		9		6		5/ 9		0
COLORADO	18		20.5		20.5		18		0
CONNECTICUT 6/	19 20	7-1	19 20	7-1	19 20	7-1	18 19	7-1	1 1
DELAWARE	16		16		16		16		0
DIST. OF COL.	15.5		15.5		15.5		15.5		0
FLORIDA	2/ 9.7		2/ 9.7		4		2/ 9.7		0
GEORGIA	7.5		7.5		7.5		7.5		0
HAWAII	8/ 11		11		7		9/ 11		0
IDAHO	14.5 18	4-1	14.5 18	4-1	14.5 18	4-1	10.5 14	4-1	4 4
ILLINOIS	13		15.5		13		13		0
INDIANA	14 15	4-1	15 16	4-1	14 16	4-1	14 15	4-1	0 0
IOWA	16 18	4-1	18.5 20.5	4-1	16 18	4-1	15 17	4-1	1 1
KANSAS 11/	11		13		10		11		0
KENTUCKY 11/ 12/	15		12		15		13/ 15		0
LOUISIANA	16		16		16		13/ 16		0
MAINE	14 16	5-1	14 19	7-1	14 19	7-1	10 14	5-1	4 2
MARYLAND	18.5		18.5		18.5		18.5		0
MASSACHUSETTS 11/	11		11		4.5		11		0
MICHIGAN	15		14/ 15		15		15		0
MINNESOTA 11/	17 20	5-1	17 20	5-1	17 20	5-1	15 18	5-1	2 2
MISSISSIPPI	17	1-1	17	1-1	16	1-1	17	1-1	0
MISSOURI	11		11		11		11		0
MONTANA	20		20		0		20		0
NEBRASKA 11/	18.3 17.3 18.7 18.3	1-1 4-1 7-1 10-1	18.3 17.3 18.7 18.3	1-1 4-1 7-1 10-1	18.3 17.3 18.7 18.3	1-1 4-1 7-1 10-1	15.3 14.3 15.7 15.3	1-1 4-1 7-1 10-1	3 3 3 3
NEVADA	16 18	7-1	17 20	7-1	11.72 11.72		16 18	7-1	0 0
NEW HAMPSHIRE	14		15/ 14		14		14		0
NEW JERSEY	8 10.5	7-1	11 13.5	7-1	4 5.25	7-1	4/ 2 4/ 4.5	7-1	6 6
NEW MEXICO	14		16		16		4/ 6		8
NEW YORK 5/	8		10		8		8		0
NORTH CAROLINA 11/	15.8 15.7	1-1 7-1	15.8 15.7	1-1 7-1	15.8 15.7	1-1 7-1	15.8 15.7	1-1 7-1	0 0
NORTH DAKOTA	17		16/ 17		17		13		4
OHIO 11/	14.7 14.8	7-1	14.7 14.8	7-1	14.7 14.8	7-1	13/ 14.7 13/ 14.8	7-1	0 0
OKLAHOMA	12/ 16		13		16		12/ 16		0
OREGON	14	1-1	18/ 14	1-1	18/ 14	1-1	14	1-1	0
PENNSYLVANIA 5/	10/ 12		10/ 12		12		12		0
RHODE ISLAND 11/	15		15		15		15		0
SOUTH CAROLINA	15		15		15		9		6
SOUTH DAKOTA	13 18	4-1	13 18	4-1	11 16	4-1	11 16	4-1	2 2
TENNESSEE	18/ 17		15		13		19/ 13		4
TEXAS	15		15		3/ 15		20/ 11		4
UTAH	19		19		19		19		0
VERMONT	13		14		0		13		0
VIRGINIA 12/	17.5		16		16		13/ 17.5		0
WASHINGTON	18		18		0		4/ 16.2		1.8
WEST VIRGINIA 21/	10.5		10.5		10.5		10.5		0
WISCONSIN 11/	20 20.9	4-1	20 20.9	4-1	20 20.9	4-1	20 20.9	4-1	0 0
WYOMING	8		8		0		8		0

STATE TAX RATES ON MOTOR FUEL - 1988¹TABLE MF-121T
SHEET 2 OF 2
SEPTEMBER 1989

STATE	SALES TAX	
	PERCENT	REMARKS
ALABAMA	4	APPLIES TO NONHIGHWAY USE OF DIESEL FUEL.
CALIFORNIA	4.75	APPLIES TO SALES PRICE INCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES. LOCAL GOVERNMENTS ASSESS AN ADDITIONAL 1.25% EXCEPT IN BAY AREA WHERE THE RATE IS 1.75%.
GEORGIA	3	A SECOND MOTOR-FUEL TAX APPLIES TO SALES PRICE INCLUDING FEDERAL MOTOR-FUEL TAX.
HAWAII	4	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES, BUT GASOHOL IS EXEMPTED.
ILLINOIS	5	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES. MOST LOCAL GOVERNMENTS ASSESS AN ADDITIONAL 1% TAX. GASOHOL IS TAXED AT 2% FROM JUNE 1, 1986, THROUGH DECEMBER 31, 1992, AND AT 5% THEREAFTER.
INDIANA	5	APPLIES TO SALES PRICE EXCLUDING FEDERAL AND STATE MOTOR-FUEL TAXES.
KANSAS	4	STATE SALES TAX AND 1.5% MAXIMUM OF CITY AND COUNTY SALES TAXES ARE PAID ON AVIATION FUEL WHICH IS NOT SUBJECT TO REFUND.
MICHIGAN	4	APPLIES TO SALES PRICE INCLUDING FEDERAL MOTOR-FUEL TAX EXCEPT FOR THOSE WHO HAVE A SALES TAX EXEMPTION CERTIFICATE.
NEW YORK	4	APPLIES TO SALES PRICE INCLUDING FEDERAL MOTOR-FUEL TAX. LOCAL GOVERNMENTS ASSESS ADDITIONAL TAX VARYING FROM 1% TO 4%.
VIRGINIA	2	APPLIES TO RETAIL SALES WITHIN A COUNTY OR CITY WHICH IS A MEMBER OF ANY TRANSPORTATION DISTRICT IN WHICH A HEAVY RAIL COMMUTER MASS TRANSPORTATION SYSTEM OR A BUS COMMUTER MASS TRANSPORTATION SYSTEM IS OWNED AND OPERATED BY A TRANSPORTATION AGENCY.
WEST VIRGINIA	5	APPLIES TO THE AVERAGE WHOLESALE PRICE AS DETERMINED ANNUALLY BY THE TAX COMMISSIONER. HOWEVER THE PRICE CANNOT BE SET AT LESS THAN 97 CENTS PER GALLON.

- 1/ RATES IN EFFECT DURING 1988.
2/ INCLUDES 2 CENTS PER GALLON INSPECTION FEE.
3/ OWNERS OF VEHICLES REGISTERED IN THE STATE PAY AN ANNUAL DECAL FEE IN LIEU OF A GALLONAGE TAX.
4/ EXEMPTION FROM STATE MOTOR-FUEL TAX PROVIDED ALCOHOL WAS MADE IN THE STATE FROM AGRICULTURAL COMMODITIES PRODUCED WITHIN THE STATE. IN NEW JERSEY, THE ALCOHOL MUST BE GRAIN-DERIVED ETHYL ALCOHOL PRODUCED WITHIN THE STATE.
5/ EXCISE TAX ON ALCOHOL FUELS (ETHANOL OR METHANOL) CONTAINING NOT MORE THAN 15% GASOLINE OR DIESEL FUEL IS ONE-HALF THE RATE OF THE USE FUEL TAX FROM JANUARY 1, 1982 UNTIL JANUARY 1, 1994.
6/ A "GROSS RECEIPTS TAX" IS ASSESSED IN CONNECTICUT (2%), NEW YORK (2.75%), AND PENNSYLVANIA (6%).
7/ RATE CONSISTS OF A FIXED RATE OF 4 CENTS PER GALLON PLUS A 5 PERCENT SALES TAX APPLIED TO THE AVERAGE RETAIL PRICE OF MOTOR FUEL ESTABLISHED ANNUALLY BUT THE TAX CANNOT GO BELOW 5.7 CENTS PER GALLON.
8/ COUNTY TAX OF 4 TO 6.5 CENTS PER GALLON IS ALSO ADDED.
9/ COUNTY TAX OF 3.5 CENTS PER GALLON IS ALSO ADDED BUT EXEMPTED FROM SALES TAX.
10/ THERE IS AN ADDITIONAL 11 CENTS PER GALLON TAX ON DIESEL FUEL FOR MOTOR CARRIERS IN INDIANA AND AN ADDITIONAL 6 CENTS PER GALLON TAX ON DIESEL FUEL FOR MOTOR CARRIERS IN PENNSYLVANIA.
11/ "VARIABLE TAX." RATES ARE DETERMINED AT VARIOUS TIMES OF THE YEAR.
12/ A 2% SURTAX IS IMPOSED ON GASOLINE AND 4.7% ON SPECIAL FUELS FOR ANY VEHICLE WITH 3 OR MORE AXLES IN KENTUCKY. ON APRIL 1, 1988 AN ADDITIONAL 2 CENTS PER GALLON SURTAX ON VEHICLES WITH A COMBINED LICENSED WEIGHT IN EXCESS OF 59,999 POUNDS WAS IMPOSED. MOTOR FUEL USED BY MOTOR CARRIERS IS TAXED AT 19.5 CENTS PER GALLON IN VIRGINIA.
13/ KENTUCKY TAX CREDIT TO IN-STATE PRODUCERS OF ETHANOL EQUIVALENT TO 3.5 CENTS PER GALLON OF GASOHOL THROUGH JUNE 1988. LOUISIANA HAS A PRODUCER'S INCENTIVE CREDIT OF \$1.40 PER GALLON OF ETHANOL. IN OHIO, THE DEALER IS REFUNDED 20 CENTS PER GALLON OF EACH QUALIFIED FUEL (ETHANOL AND METHANOL) THAT IS BLENDED WITH UNLEADED GASOLINE. VIRGINIA HAS A PRODUCER'S INCENTIVE CREDIT OF 60 CENTS PER GALLON OF ETHANOL. NOT TO EXCEED \$6.5 MILLION IN ANY FISCAL YEAR.
14/ THERE IS A 6 CENTS PER GALLON DISCOUNT IF DIESEL FUEL IS DELIVERED INTO THE FUEL SUPPLY TANK OF A COMMERCIAL VEHICLE WHICH IS LICENSED (DECAL) AT THE RATE OF \$92 FOR A RESIDENT VEHICLE AND \$25 FOR A NONRESIDENT VEHICLE.
15/ A \$20.00 DECAL IS REQUIRED FOR ALL DIESEL VEHICLES.
16/ DIESEL FUEL BLENDED WITH RECOVERED OIL OR AGRICULTURALLY DERIVED ALCOHOL IS TAXED AT 13 CENTS PER GALLON.
17/ INCLUDES INSPECTION FEE OF 0.08 CENT PER GALLON.
18/ TAX IS PAID BY USERS FOR VEHICLES NOT UNDER THE JURISDICTION OF PUBLIC UTILITY COMMISSIONER. VEHICLES UNDER JURISDICTION OF PUBLIC UTILITY COMMISSIONER AND PAYING MOTOR-CARRIER FEES ARE EXEMPT FROM PAYMENT OF THE MOTOR-FUEL TAX.
19/ INCLUDES 1 CENT PER GALLON INSPECTION FEE.
20/ GASOHOL EXEMPTION IS A VARIABLE RATE WITH A MAXIMUM OF 4 CENTS PER GALLON. THE VARIABLE RATE IS SET QUARTERLY TO LIMIT THE TOTAL YEARLY EXEMPTION TO \$10,850,000. EXEMPTION ENDED JULY 1, 1988 FOR ETHANOL PRODUCED OUT OF STATE.
21/ IN ADDITION TO THE 10.5 CENTS PER GALLON MOTOR-FUEL TAX, THERE IS A CONSUMER SALES AND SERVICE TAX OF 4.85 CENTS PER GALLON.

DISPOSITION OF STATE MOTOR-VEHICLE AND MOTOR-CARRIER TAX RECEIPTS - 1988

TABLE MV-3
OCTOBER 1989

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	RECEIPTS AVAILABLE FOR DISTRIBUTION	COLLECTED BY MOTOR-VEHICLE AND MOTOR-CARRIER TAXPAYER	NET FUNDS DISTRIBUTED	FOR STATE-ADMINISTERED HIGHWAYS				FOR LOCAL ROADS AND STREETS				FOR NONHIGHWAY PURPOSES			TOTAL
				FOR CAPITAL OUTLAY, MAINTENANCE AND REPAIRS	HIGHWAY LAW ENFORCEMENT AND SAFETY	SERVICE OF DELIVERIES FOR STATE HIGHWAYS	TOTAL	COUNTY TOWN-SHIP ROADS	MUNICIPAL STREETS	TOTAL	FOR MASS TRANSPORTATION PURPOSES	STATE GENERAL PURPOSES	LOCAL GENERAL PURPOSES	OFFSET BY GENERAL FUNDS FOR (MOTOR-VEHICLE TAXPAYER)	
ALABAMA	141,756	14,049	127,707	36,334	33,135	22,596	92,065	29,239	6,404	35,643	-	-	-	-	-
ALASKA	20,018	2,855	17,163	17,163	4,396	13,773	92,776	39,337	63,577	102,914	-	-	-	-	-
ARIZONA	206,051	10,362	195,689	74,607	12,033	13,773	92,776	14,643	63,577	102,914	-	-	-	-	-
ARKANSAS	201,968	2,174	199,794	87,475	4,033	13,773	92,776	14,643	63,577	102,914	-	-	-	-	-
CALIFORNIA	3,079,318	364,626	2,714,692	316,067	521,085	-	838,082	7,937	15,173	23,110	17,211	19,741	1,816,568	-	1,836,309
COLORADO	102,555	40,258	62,297	23,443	8,072	44,950	13,494	13,494	13,494	26,988	482	-	-	-	2,845
CONNECTICUT	189,065	29,991	159,074	70,726	13,869	19,730	129,545	3,620	11,630	15,250	14,289	-	-	-	-
DELAWARE	46,821	3,848	42,973	10,717	11,500	19,730	41,947	-	1,025	1,025	-	-	-	-	-
DIST. OF COL.	49,504	4,950	44,554	189,841	61,043	6,720	257,704	-	44,554	44,554	49,916	-	-	-	-
FLORIDA	431,228	165,662	265,566	37,809	16,257	16,257	54,066	3,668	1,475	5,143	-	-	-	-	-
GEORGIA	45,123	1,480	43,643	39,505	368	3,355	43,643	30,376	-	30,376	-	-	-	-	-
IDAHO	54,999	1,933	53,066	21,622	6,703	81,184	28,325	15,882	5,109	21,991	-	1,152	1,599	-	2,751
ILLINOIS	605,748	99,236	506,512	359,504	38,828	81,184	479,516	27,955	27,955	27,955	-	-	-	-	-
INDIANA	148,947	1,156	147,791	55,040	1,574	1,574	68,192	6,454	24,226	30,680	-	-	-	-	-
IOWA	201,761	17,855	183,906	171,140	15,469	1,574	188,182	6,454	31,668	38,122	-	-	-	-	-
KANSAS	102,403	35,625	66,778	61,784	4,994	44,932	66,778	29,192	5,945	35,137	-	-	-	-	-
KENTUCKY	318,909	30,535	288,374	205,005	3,299	44,932	253,236	11	11	305	-	-	-	-	-
KENTUCKY	112,384	25,968	86,416	81,890	2,703	428	85,111	294	294	598	-	-	-	-	-
LOUISIANA	70,414	13,615	56,799	40,296	5,452	5,452	50,610	3,330	2,397	5,727	463	-	-	-	-
MARYLAND	515,732	42,688	473,044	260,991	54,057	-	314,648	71,385	71,385	142,770	15,628	-	-	-	-
MASSACHUSETTS	281,087	65,231	215,856	122,031	11,234	3,318	136,503	122,707	66,613	189,320	32,032	-	-	-	-
MINNESOTA	281,087	8,931	272,156	148,648	20,434	3,119	172,201	74,833	22,627	97,460	2,435	-	-	-	-
MISSISSIPPI	85,284	17,337	67,947	47,239	3,199	30	50,468	16,858	793	17,651	-	-	-	-	-
MISSOURI	208,025	37,453	170,572	123,764	24,168	2,226	147,938	12,707	11,259	24,237	-	-	-	-	-
NEBRASKA	57,707	6,375	51,332	23,785	2,058	306	31,149	3,356	3,356	6,712	33	8,658	-	-	8,658
NEBRASKA	114,052	14,465	99,587	35,871	11,737	5,101	52,709	150	2,313	2,463	114	46,764	-	-	46,764
NEVADA	66,940	7,451	59,489	58,240	6,510	3,114	38,243	150	2,313	2,463	114	46,764	-	-	46,764
NEW HAMPSHIRE	358,907	58,440	300,467	65,752	74,075	4,661	144,599	23,637	2,565	26,202	75,923	1,107	-	-	77,020
NEW JERSEY	151,498	151,498	141,973	103,193	7,392	2,192	112,777	23,637	2,565	26,202	75,923	1,107	-	-	77,020
NEW MEXICO	472,887	132,615	340,272	53,180	42,429	50,078	145,687	97,258	80,189	177,447	17,138	-	-	-	-
NEW YORK	249,948	42,391	207,557	141,452	8,947	8,947	191,302	12,889	15,683	30,572	584	-	-	-	-
NORTH CAROLINA	47,585	5,202	42,383	16,971	2,933	19,504	4,720	12,889	15,683	30,572	584	-	-	-	-
NORTH CAROLINA	455,832	58,083	397,749	50,517	10,677	51,052	112,246	224,573	57,570	282,143	3,360	-	-	-	-
OHIO	268,550	19,093	249,457	28,824	7,778	4,192	37,402	32,727	7,552	40,279	41	167,810	-	-	167,851
OKLAHOMA	549,510	31,838	517,672	310,966	64,749	78,323	453,938	37,862	25,379	63,241	-	-	-	-	-
OKLAHOMA	34,562	11,483	23,079	11,975	2,944	4,609	19,528	28	3,523	3,551	-	-	-	-	-
RHODE ISLAND	20,424	3,903	16,521	56,866	9,840	1,795	68,441	985	720	1,705	1,230	-	-	-	-
SOUTH CAROLINA	33,395	3,903	29,492	8,559	2,000	-	10,089	14,208	4,720	18,928	-	-	-	-	-
SOUTH CAROLINA	189,764	15,159	174,605	86,352	39,669	-	126,021	43,208	49	43,257	139	-	-	-	-
TENNESSEE	1,783,356	113,287	1,670,069	474,952	39,669	-	514,519	61,736	233	61,969	-	-	-	-	-
TEXAS	40,852	10,798	30,054	13,527	9,765	517	23,809	3,571	2,674	6,245	-	-	-	-	-
UTAH	61,691	8,774	52,917	22,867	6,986	4,439	34,312	11,248	17,843	29,091	761	-	-	-	-
VIRGINIA	409,888	70,639	339,249	252,371	37,998	-	279,766	2,638	56,102	61,740	-	-	-	-	-
WASHINGTON	550,188	49,989	500,199	73,019	94,330	-	167,349	1,194	3,732	5,926	110,262	-	-	-	-
WASHINGTON	159,385	7,243	152,142	108,539	1,273	42,331	152,143	-	-	-	-	-	-	-	-
WEST VIRGINIA	185,817	44,539	141,278	67,809	8,245	21,958	96,012	21,272	21,484	42,756	9,208	-	-	-	-
WISCONSIN	42,501	5,379	37,122	24,210	9,168	-	33,378	2,459	1,287	3,746	-	-	-	-	-
WYOMING	14,283,644	1,922,624	12,361,020	4,614,531	1,380,882	553,209	6,548,622	1,260,083	750,885	2,010,968	351,282	1,537,777	1,912,170	333,774	3,449,955

1/ SEE TABLE MV-2 FOR DETAILS OF RECEIPTS. AMOUNTS IN THIS COLUMN EXCLUDE ADJUSTMENTS FOR UNDISTRIBUTED BALANCES, FUNDS IN TRANSIT, ETC.
 2/ COLLECTION EXPENSES IN MANY STATES INCLUDE SERVICE CHARGES DEDUCTED BY COUNTY AND LOCAL COLLECTORS.
 3/ MOTOR-VEHICLE REVENUES ARE EITHER DEDICATED FOR SPECIFIC PURPOSES OR PLACED WITH OTHER HIGHWAY-USER REVENUES IN A COMMON FUND FROM WHICH A DISTRIBUTION IS MADE TO THIS INCLUDES MOTOR-VEHICLE CONTROL FUND.
 4/ FORER COUNTY ROADS ARE UNDER STATE CONTROL IN ALA. (TEN COUNTIES), DEL. (N.C., VA. (ALL BUT TWO COUNTIES)), AND W. VA.
 5/ INCLUDES DIRECT EXPENDITURES BY STATES ON LOCAL ROADS AND STREETS, AS WELL AS GRANTS-IN-AID. IN MANY STATES, FUNDS ALLOTTED FOR LOCAL ROADS AND TOWNSHIP STREETS HAVE BEEN USED IN PART FOR MUNICIPAL STREETS. ENTRIES INCLUDE AMOUNTS USED FOR SERVICES OF OBLIGATION ON LOCAL GENERAL PURPOSES MAY HAVE BEEN USED IN PART FOR HIGHWAYS.
 6/ ALLOCATIONS FOR LOCAL GENERAL PURPOSES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES, FINANCING, SEE "HIGHWAY FINANCE" IN ALA., ARIZ., CALIF., DEL., ILL., IND., IOWA, KAN., KY., LA., MD., MI., MN., MO., N.J., N.Y., N.C., N.D., OHIO, OKLA., OR., PA., RI., S.C., TEX., VA., W. VA., WIS., WY.
 7/ THE NONHIGHWAY ALLOCATIONS OF MOTOR-VEHICLE REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES, FINANCING, SEE "HIGHWAY FINANCE" IN ALA., ARIZ., CALIF., DEL., ILL., IND., IOWA, KAN., KY., LA., MD., MI., MN., MO., N.J., N.Y., N.C., N.D., OHIO, OKLA., OR., PA., RI., S.C., TEX., VA., W. VA., WIS., WY.
 8/ THE NONHIGHWAY ALLOCATIONS OF MOTOR-VEHICLE REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES, FINANCING, SEE "HIGHWAY FINANCE" IN ALA., ARIZ., CALIF., DEL., ILL., IND., IOWA, KAN., KY., LA., MD., MI., MN., MO., N.J., N.Y., N.C., N.D., OHIO, OKLA., OR., PA., RI., S.C., TEX., VA., W. VA., WIS., WY.
 9/ IN ALASKA, DEL., N.J., N.Y., AND R.I., MOST HIGHWAY-USER REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES, FINANCING, SEE "HIGHWAY FINANCE" IN ALA., ARIZ., CALIF., DEL., ILL., IND., IOWA, KAN., KY., LA., MD., MI., MN., MO., N.J., N.Y., N.C., N.D., OHIO, OKLA., OR., PA., RI., S.C., TEX., VA., W. VA., WIS., WY.
 10/ THE NONHIGHWAY ALLOCATIONS OF MOTOR-VEHICLE REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES, FINANCING, SEE "HIGHWAY FINANCE" IN ALA., ARIZ., CALIF., DEL., ILL., IND., IOWA, KAN., KY., LA., MD., MI., MN., MO., N.J., N.Y., N.C., N.D., OHIO, OKLA., OR., PA., RI., S.C., TEX., VA., W. VA., WIS., WY.
 11/ 1988 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR MASSACHUSETTS.
 SUCH AMOUNTS WERE NOT REPORTED.
 IN THE AMOUNTS SHOWN, AGAINST APPROPRIATIONS FOR HIGHWAYS OUT OF STATE GENERAL FUNDS, AND THE AMOUNTS SO OFFSET ARE INCLUDED WITH ALLOCATIONS FOR STATE GENERAL PURPOSES FROM HIGHWAYS REQUIRING A PENALTY UNDER THE PAYMENT OF REVENUE LAWS OF 1954. SUCH DIVERSIONS CAN BE DETERMINED ONLY AFTER ANALYSIS IN THE LIGHT OF STATE LAWS IN FORCE IN 1954.
 9/ IN ALASKA, DEL., N.J., N.Y., AND R.I., MOST HIGHWAY-USER REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES, FINANCING, SEE "HIGHWAY FINANCE" IN ALA., ARIZ., CALIF., DEL., ILL., IND., IOWA, KAN., KY., LA., MD., MI., MN., MO., N.J., N.Y., N.C., N.D., OHIO, OKLA., OR., PA., RI., S.C., TEX., VA., W. VA., WIS., WY.
 10/ THE NONHIGHWAY ALLOCATIONS OF MOTOR-VEHICLE REVENUES ARE PLACED IN THE STATE GENERAL FUND. FOR DISCUSSION OF GENERAL FUND STATES, FINANCING, SEE "HIGHWAY FINANCE" IN ALA., ARIZ., CALIF., DEL., ILL., IND., IOWA, KAN., KY., LA., MD., MI., MN., MO., N.J., N.Y., N.C., N.D., OHIO, OKLA., OR., PA., RI., S.C., TEX., VA., W. VA., WIS., WY.
 11/ 1988 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR MASSACHUSETTS.

STATE HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS - SUMMARY - 1988

TABLE SF-1
OCTOBER 1989

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	BALANCE BEGINNING OF YEAR 2/				CURRENT STATE INCOME 5/				PAYMENTS FROM OTHER GOVERNMENTS				ISSUE OF BONDS			TOTAL RECEIPTS
	RESERVES FOR HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL	TOTAL	ROAD AND CROSSING TOLLS	APPROPRIATIONS FROM GENERAL FUNDS	OTHER STATE IMPOSTS	MISCELLANEOUS RECEIPTS	TOTAL	FEDERAL FUNDS			FOR CAPITAL OUTLAY	FOR DEBT SERVICE INCLUDING REFINANCING		
										HIGHWAY-USER REVENUES 3/	MOTOR-FUEL TAXES	MOTOR-VEHICLE AND MOTOR-CARRIER TAXES			TOTAL	
ALABAMA	260,224	-	260,224	385,760	14,446	32,207	64,501	18,583	511,061	2,478	311,954	2,478	-	11,267	836,741	
ALASKA	608,158	-	608,158	5,707	-	212,035	47,014	64,568	672,043	5,104	205,752	5,104	-	4,007	1,093,421	
ARKANSAS	9,679	-	9,679	310,343	-	16,051	1,875	10,715	336,984	3,205	124,519	3,205	-	-	468,267	
CALIFORNIA	1,182,629	4,235	1,186,864	2,090,435	73,645	-	49,796	155,476	2,319,525	43,922	915,714	43,922	-	50,123	3,403,715	
CONNECTICUT	216,122	-	216,122	358,320	13,664	-	-	19,413	427,529	3,470	231,370	3,470	-	-	669,623	
DELAWARE	147,576	21,702	169,278	104,730	53,788	78,424	-	41,798	278,798	8,317	59,702	8,317	-	1,379	1,064,882	
DIST. OF COL.	-	-	-	72,570	-	50,316	-	37	122,923	382	82,208	382	-	49,270	290,665	
FLORIDA	816,134	141,568	957,702	622,044	233,714	-	31,604	94,572	1,161,934	55,769	552,769	55,769	-	-	1,752,467	
GEORGIA	130,959	-	130,959	377,755	1,376	13,132	89,245	53,953	522,229	3,658	48,666	3,658	-	-	1,020,979	
HAWAII	78,971	-	78,971	82,248	-	-	15,710	3,034	114,164	1,109	68,686	1,109	-	-	205,973	
IDaho	24,541	-	24,541	139,815	208,203	123,668	87,826	61	1,39,876	18,051	156,051	18,051	-	-	264,103	
ILLINOIS	813,359	27,382	840,741	707,477	37,608	37,608	110,386	56,134	1,761,975	3,513	286,459	3,513	-	26,595	2,427,167	
INDIANA	104,812	25,138	130,000	183,905	449,513	11	110,386	39,831	594,798	1,719	181,527	1,719	-	-	781,307	
KANSAS	111,958	107,964	219,922	266,379	35,130	7,424	39,845	13,130	332,987	3,701	153,985	3,701	-	39,042	505,122	
KENTUCKY	916,074	11,400	927,474	370,478	17,575	31,884	64,836	10,009	735,291	2,322	216,854	2,322	-	-	804,335	
LOUISIANA	94,520	1,535	96,055	107,090	163,427	22,889	22,932	10,009	200,809	4,974	64,386	4,974	-	-	287,133	
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND	152,637	59,787	212,424	420,476	877,893	57,382	-	22,050	957,325	1,951	389,372	1,951	-	61	1,365,871	
MASSACHUSETTS 6/	314,469	523	315,000	945,393	10,719	83,877	8,680	18,386	1,059,035	5,193	342,141	5,193	-	-	1,986,195	
MINNESOTA	460,953	40,041	501,000	682,937	-	33,475	8,651	50,630	775,703	11,510	282,509	11,510	-	4,000	1,124,971	
MISSISSIPPI	110,769	85,136	195,905	236,505	304,432	21,073	44,773	20,571	390,849	4,059	155,303	4,059	-	-	552,687	
MISSOURI	45,080	-	45,080	170,513	514,173	-	119,259	119,259	1,054,305	5,328	165,437	5,328	-	-	2,633,819	
MONTANA	122,574	-	122,574	45,535	212,374	-	56,948	5,714	286,786	2,256	119,211	2,256	-	-	420,268	
NEBRASKA	93,122	314	93,436	159,039	-	11,750	-	-	286,786	-	-	-	-	-	-	
NEVADA	51,526	-	51,526	125,729	52,708	-	-	9,981	188,449	1,199	71,854	1,199	-	-	280,268	
NEW HAMPSHIRE	2,037,457	389,382	2,426,839	239,972	158,600	-	-	159,564	398,572	1,291	290,771	1,291	-	-	1,560,369	
NEW JERSEY	-	-	-	138,507	347,428	-	58,502	-	345,097	-	113,725	-	-	-	482,371	
NEW MEXICO	-	-	-	808,076	553,716	-	5,545	-	1,510,884	6,911	684,220	6,911	-	-	2,410,802	
NEW YORK	169,203	165,873	335,076	477,235	323,135	-	-	800,370	800,370	-	309,987	-	-	687	1,883,985	
NORTH CAROLINA	314,894	-	314,894	601,984	1,242	-	-	49,703	853,021	3,100	4,684	3,100	-	-	1,183,985	
NORTH DAKOTA	30,861	-	30,861	65,885	37,512	-	3,347	49,751	107,495	1,011	84,450	1,011	-	-	245,205	
OHIO	354,952	106,226	461,178	759,130	81,605	-	-	41,650	1,275,774	4,880	493,553	4,880	-	81,674	1,860,427	
OKLAHOMA	104,142	26,018	130,160	303,604	48,866	-	28,321	6,028	464,501	1,983	255,571	1,983	-	-	724,744	
OREGON	170,847	59,619	230,466	349,440	25,012	12,913	-	52,970	1,325,345	7,624	766,045	7,624	-	609	2,813,419	
PENNSYLVANIA	1,108,309	59,619	1,167,928	1,573,073	6,682	7,233	13,942	1,124	1,573,073	1,154	88,541	1,154	-	9,140	2,191,167	
RHODE ISLAND	91,365	-	91,365	73,779	-	-	-	-	87,527	-	88,541	-	-	-	174,744	
SOUTH CAROLINA	214,085	-	214,085	283,424	-	-	-	2,701	355,951	2,367	189,752	2,367	-	-	527,768	
SPRINGFIELD	156,703	-	156,703	42,469	-	2,168	22,399	6,844	95,038	1,162	2,958	1,162	-	-	230,381	
TENNESSEE	1,055,695	25,565	1,081,260	898,373	31,898	-	-	606,067	1,687,368	9,868	263,603	9,868	-	-	2,589,444	
TEXAS	8,526	-	8,526	186,883	-	3,582	-	2,821	193,286	17,499	151,100	17,499	-	-	365,185	
UTAH	14,410	-	14,410	52,156	-	-	-	883	98,648	626	45,472	626	-	-	1,044,746	
VERMONT	362,627	14,043	376,670	595,530	80,123	64,805	199,504	29,759	1,308,970	3,508	354,053	3,508	-	3,383	1,950,038	
VIRGINIA	154,281	44,063	198,344	412,396	59,559	-	-	583,537	676,354	21,539	373,161	21,539	-	-	1,165,829	
WASHINGTON	154,281	44,063	198,344	412,396	59,559	-	-	583,537	676,354	21,539	373,161	21,539	-	-	1,165,829	
WEST VIRGINIA	160,034	53,987	214,021	110,302	152,143	18,094	62,973	22,155	401,245	8,781	146,945	8,781	-	21,424	557,571	
WISCONSIN	224,655	103,973	328,628	463,400	-	1,082	33,566	7,308	631,343	63,708	269,708	63,708	-	-	957,250	
WYOMING	74,736	-	74,736	35,564	-	-	-	61,387	116,244	-	69,708	-	-	-	231,736	
TOTAL 6/	13,698,225	1,750,093	15,448,318	16,042,620	8,559,592	24,602,212	2,343,551	977,376	30,881,076	1,683,235	13,053,523	1,683,235	279,294	232,348	47,119,366	

1/ SEE TABLE SF-2 FOR GENERAL NOTE ON SF SERIES. TABLES SF-1 AND 2 SUMMARIZE THE RECEIPTS AND DISBURSEMENTS OF (1) STATE HIGHWAY-USER REVENUE ALLOCATED FOR HIGHWAY PURPOSES (EXCLUSIVE OF COLLECTION COSTS, MASS TRANSPORTATION AND NONHIGHWAY ALLOCATIONS WHICH ARE SHOWN IN TABLE D), AND (2) ALL OTHER NET RECEIPTS AND DISBURSEMENTS OF THE STATE FOR HIGHWAYS AND NONHIGHWAY PURPOSES. PREVIOUS YEAR'S CLOSING BALANCES ARE THE RESULT OF ACCOUNTING ADJUSTMENTS INCLUDING THE BALANCE OF FUNDS NOT PREVIOUSLY REPORTED, ETC.

2/ THE ENTRIES IN THESE COLUMNS ARE IDENTICAL WITH THE COMBINED RECEIPTS ALLOCATED FOR

3/ THE ENTRIES IN THESE COLUMNS ARE IDENTICAL WITH THE COMBINED RECEIPTS ALLOCATED FOR

4/ STATE-ADMINISTERED HIGHWAYS AND FOR LOCAL ROADS AND STREETS SHOWN ON TABLES HF-3, HV-3, AND DF, RESPECTIVELY.

5/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPROPRIATIONS FOR HIGHWAYS OUT OF STATE GENERAL FUNDS APPEAR IN TABLE D.

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

DISBURSEMENTS FROM STATE HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS - SUMMARY - 1988

TABLE SF-21
OCTOBER, 1989

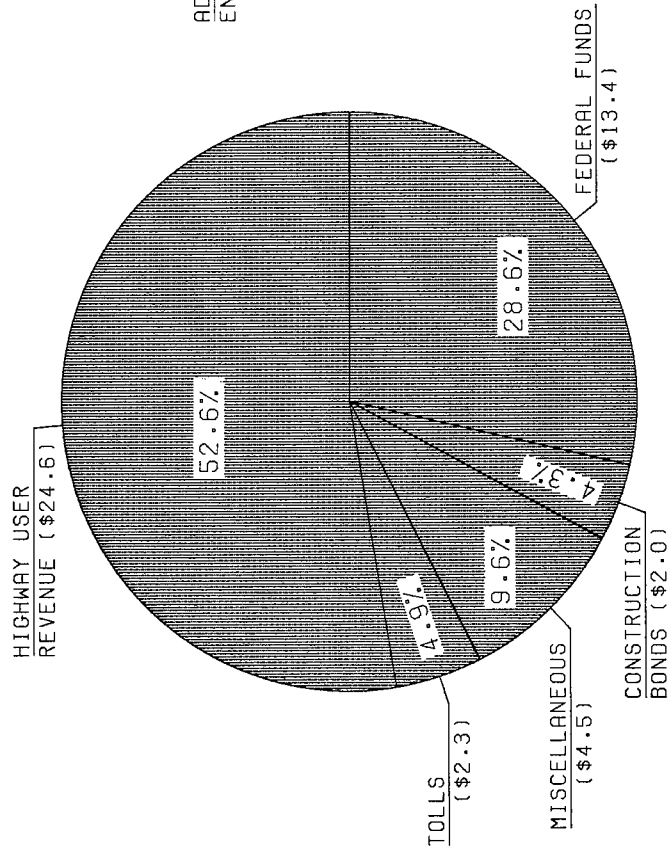
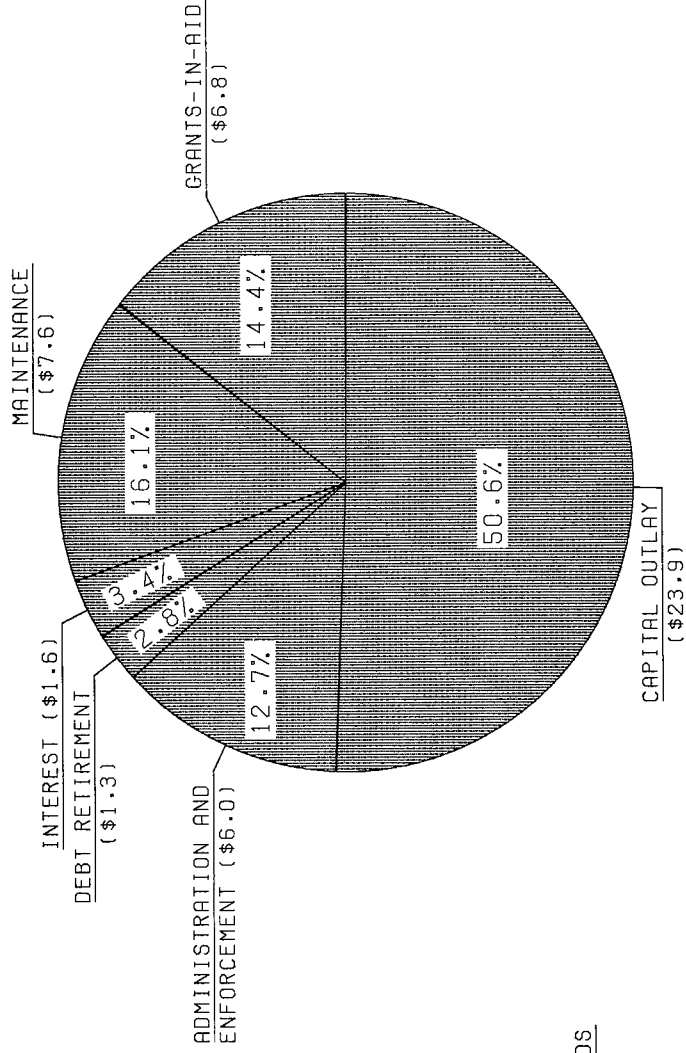
COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	CAPITAL OUTLAY FOR ROADS AND BRIDGES					MAINTENANCE AND TRAFFIC SERVICES					TOTAL	HIGHWAY ENFORCEMENT SAFETY	BOND INTEREST	GRANTS-IN-AID TO LOCAL GOVERNMENTS	SUBTOTAL CURRENT EXPENDITURES	BOND RETIREMENT	TOTAL DISBURSEMENTS	RESERVES FOR CURRENT HIGHWAY WORK		TOTAL
	STATE-MAINTAINED HIGHWAYS	COUNTY ROADS	LOCAL CAPITAL STREETS	TOTAL	STATE MAINTAINED HIGHWAYS	COUNTY SHIP ROADS	LOCAL MUNICIPAL STREETS	TOTAL	ADDITIONAL MISCELLANEOUS	HIGHWAY ENFORCEMENT SAFETY								BOND INTEREST	GRANTS-IN-AID TO LOCAL GOVERNMENTS	
ALABAMA	421,920	-	1,162	421,920	127,049	-	-	127,049	21,574	-	-	21,574	18,759	169,442	816,707	71,110	987,817	209,147	-	209,147
ALASKA	1,490	-	1,162	1,490	156,577	-	-	156,577	43,532	-	-	43,532	5,655	27,854	184,963	20,013	204,976	536,536	-	536,536
ARKANSAS	652,419	8,655	2,106	663,180	580,193	-	-	580,193	51,421	-	-	51,421	39,050	25,780	1,144,879	2,013	1,146,892	185,659	-	185,659
ARIZONA	224,286	11,665	3,149	239,100	238,117	-	-	238,117	95,604	-	-	95,604	1,355	84,385	459,406	1,013	460,419	18,533	-	18,533
CALIFORNIA	1,311,690	14,377	31,334	1,357,401	491,276	-	-	491,276	228,721	-	-	228,721	5,997	849,290	3,463,803	56,662	3,520,465	1,065,960	4,165	1,070,125
CONNECTICUT	510,269	10,141	4,066	524,476	190,352	-	-	190,352	27,592	-	-	27,592	2,597	140,464	854,244	59,201	913,445	45,741	-	462,523
DELAWARE	152,350	-	-	152,350	43,152	-	-	43,152	54,276	-	-	54,276	3,108	2,500	323,017	13,184	336,201	176,273	21,618	197,891
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	1,390,834	5,472	9,235	1,405,641	223,619	-	-	223,619	52,292	-	-	52,292	100,265	341,978	2,258,498	73,091	2,331,579	25,794	24,413	936,629
HAWAII	39,754	3,354	-	43,108	17,317	-	-	17,317	19,495	-	-	19,495	24,642	9,710	1,051,152	420	1,051,572	93,470	-	93,470
ILLINOIS	121,828	20,853	14,409	157,090	42,594	-	-	42,594	12,090	-	-	12,090	16,989	49,287	262,851	-	262,851	25,794	-	25,794
INDIANA	1,154,315	57,933	66,354	1,278,602	217,330	-	-	217,330	39,510	-	-	39,510	24,642	236,389	1,484,820	3,235	1,488,055	21,216	24,413	936,629
IOWA	381,145	365	282,872	664,382	106,383	-	-	106,383	1,064,120	-	-	1,064,120	9,540	231,312	752,366	3,235	755,601	119,099	-	119,099
KANSAS	222,899	27,805	18,537	269,241	77,371	-	-	77,371	47,866	-	-	47,866	30,258	79,453	517,843	11,005	528,848	109,674	-	109,674
KENTUCKY	526,899	36,803	11,305	574,997	141,993	-	-	141,993	35,825	-	-	35,825	56,528	104,793	994,243	14,657	1,008,896	47,820	-	47,820
LOUISIANA	42,404	-	891	43,295	43,373	-	-	43,373	45,373	-	-	45,373	95,593	44,011	760,195	47,565	807,760	9,462	-	9,462
MAINE	94,804	-	700	95,504	85,258	-	-	85,258	15,213	-	-	15,213	7,328	15,837	245,177	9,820	255,004	136,886	1,395	138,211
MARYLAND	716,356	-	-	716,356	144,937	-	-	144,937	79,052	-	-	79,052	103,669	324,533	1,397,985	11,693	1,409,678	96,774	61,843	158,617
MASSACHUSETTS	472,147	-	12,148	484,295	123,859	-	-	123,859	86,537	-	-	86,537	14,610	545,901	1,950,666	9,540	1,960,206	349,965	1,015	350,980
MICHIGAN	475,000	36,443	-	511,443	121,614	-	-	121,614	391,559	-	-	391,559	9,617	249,172	1,000,819	27,659	1,028,478	959,814	37,803	997,617
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI	233,598	77,097	3,708	314,383	46,753	-	-	46,753	21,940	-	-	21,940	17,535	55,558	488,835	14,657	503,492	137,913	-	137,913
MISSOURI	410,729	645	2,884	414,258	208,623	-	-	208,623	86,661	-	-	86,661	9,881	18,307	948,128	-	966,435	948,128	-	948,128
MONTANA	183,176	13,404	4,712	201,292	42,206	-	-	42,206	10,737	-	-	10,737	1,111	138,354	407,681	1,000	408,681	110,744	-	110,744
NEBRASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	155,063	47	5,683	160,793	44,299	-	-	44,299	89,697	-	-	89,697	3,390	32,585	274,720	12,260	286,980	44,815	-	44,815
NEW HAMPSHIRE	85,271	120	73,921	159,312	89,597	-	-	89,597	96,537	-	-	96,537	237,657	171,628	412,128	50,244	462,372	169,847	-	169,847
NEW JERSEY	518,143	31,681	-	549,824	237,657	-	-	237,657	35,894	-	-	35,894	5,251	32,959	1,994,907	360,981	2,355,888	1,994,907	-	1,994,907
NEW MEXICO	233,312	-	-	233,312	67,203	-	-	67,203	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	555,653	97,578	109,163	762,394	484,922	-	-	484,922	157,884	-	-	157,884	60,443	215,000	2,208,843	151,079	2,359,922	216,357	169,700	386,057
NORTH CAROLINA	545,853	972,280	-	1,518,133	372,280	-	-	372,280	71,157	-	-	71,157	14,008	66,660	1,193,468	24,020	1,217,488	291,401	-	291,401
NORTH DAKOTA	75,785	-	55,517	131,302	206,841	-	-	206,841	10,247	-	-	10,247	8,366	42,160	198,598	32,212	230,810	198,598	-	198,598
OHIO	757,895	19,722	55,517	833,134	206,841	-	-	206,841	159,372	-	-	159,372	26,634	378,553	1,567,828	77,250	1,645,078	483,279	112,187	595,466
OKLAHOMA	298,587	42,945	-	341,532	113,890	-	-	113,890	33,945	-	-	33,945	326	17,906	561,121	8,110	569,231	172,833	-	172,833
OREGON	217,234	30,711	19,833	267,778	98,315	-	-	98,315	50,368	-	-	50,368	1,741	19,635	223,995	9,320	233,315	26,751	-	26,751
PENNSYLVANIA	1,338,700	-	-	1,338,700	625,977	-	-	625,977	77,679	-	-	77,679	53,399	196,503	1,090,316	2,365	1,092,681	49,495	-	49,495
RHODE ISLAND	141,052	-	10,984	152,036	13,285	-	-	13,285	8,739	-	-	8,739	11,073	69,986	3,068,956	2,365	3,071,321	543,321	25,043	568,364
SOUTH CAROLINA	297,071	5,877	7,605	309,553	156,307	-	-	156,307	33,945	-	-	33,945	326	17,906	561,121	8,110	569,231	172,833	-	172,833
SOUTH DAKOTA	487,010	147,665	1,422	636,107	183,487	-	-	183,487	137,457	-	-	137,457	1,736	19,635	223,995	9,320	233,315	26,751	-	26,751
TENNESSEE	2,119,836	1,204	636	2,121,676	545,632	-	-	545,632	139,470	-	-	139,470	22,147	69,986	3,068,956	2,365	3,071,321	543,321	25,043	568,364
TEXAS	212,893	8,300	4,000	225,193	52,603	-	-	52,603	33,945	-	-	33,945	326	17,906	561,121	8,110	569,231	172,833	-	172,833
UTAH	49,354	5,599	11,464	66,417	37,064	-	-	37,064	11,559	-	-	11,559	1,741	19,635	223,995	9,320	233,315	26,751	-	26,751
VERMONT	983,702	-	-	983,702	422,202	-	-	422,202	89,026	-	-	89,026	99,749	136,174	1,027,644	65,285	1,092,929	49,495	-	49,495
WASHINGTON	423,239	5,763	3,019	432,021	438,021	-	-	438,021	64,589	-	-	64,589	61,938	171,938	1,093,129	1,013	1,094,142	218,594	62,348	271,043
WEST VIRGINIA	242,866	96,433	21,421	360,720	145,973	-	-	145,973	29,487	-	-	29,487	39,755	205,020	478,507	90,067	568,574	180,369	32,599	212,968
WISCONSIN	326,203	7,023	1,323	334,550	158,653	-	-	158,653	51,591	-	-	51,591	21,321	10,388	238,740	4,473	243,213	301,915	101,374	403,289
WYOMING	140,073	-	-	140,073	50,653	-	-	50,653	14,721	-	-	14,721	14,306	10,388	238,740	-	249,128	67,732	-	67,732
TOTAL	22,397,785	855,695	555,571	23,809,051	7,480,816	41,601	43,786	7,566,203	2,734,401	3,230,194	1,583,695	6,811,985	45,835,729	1,633,312	47,469,041	13,275,502	61,744,543	18,223,144	1,823,144	15,098,646

SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-1 AND 2 SUMMARIZE THE RECEIPTS AND DISBURSEMENTS BY THE STATE HIGHWAY USER REVENUE ALLOCATED FOR HIGHWAY PURPOSES, AND (2) ALL OTHER RECEIPTS AND DISBURSEMENTS BY THE STATE HIGHWAY USER REVENUE ALLOCATED FOR HIGHWAY PURPOSES. SEE TABLES SF-1, SF-2, SF-3, SF-4, SF-5, SF-6, SF-7, SF-8, SF-9, SF-10, SF-11, SF-12, SF-13, SF-14, SF-15, SF-16, SF-17, SF-18, SF-19, SF-20, SF-21, SF-22, SF-23, SF-24, SF-25, SF-26, SF-27, SF-28, SF-29, SF-30, SF-31, SF-32, SF-33, SF-34, SF-35, SF-36, SF-37, SF-38, SF-39, SF-40, SF-41, SF-42, SF-43, SF-44, SF-45, SF-46, SF-47, SF-48, SF-49, SF-50, SF-51, SF-52, SF-53, SF-54, SF-55, SF-56, SF-57, SF-58, SF-59, SF-60, SF-61, SF-62, SF-63, SF-64, SF-65, SF-66, SF-67, SF-68, SF-69, SF-70, SF-71, SF-72, SF-73, SF-74, SF-75, SF-76, SF-77, SF-78, SF-79, SF-80, SF-81, SF-82, SF-83, SF-84, SF-85, SF-86, SF-87, SF-88, SF-89, SF-90, SF-91, SF-92, SF-93, SF-94, SF-95, SF-96, SF-97, SF-98, SF-99, SF-100.

STATE RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS 1988 (BILLIONS OF DOLLARS)



DISBURSEMENTS

RECEIPTS

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1988

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

CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12
SHEET 2 OF 3
OCTOBER, 1989

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	CAPITAL OUTLAY						MAINTENANCE						TOTAL
	INTERSTATE	OTHER FEDERAL EXPRESSWAYS	OTHER PROVINCIAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	INTERSTATE	OTHER FEDERAL EXPRESSWAYS	OTHER PROVINCIAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	
ALABAMA	5,614	-	14,093	3,208	815	23,729	538	-	3,719	5,668	1,232	11,157	
ALASKA	19,129	-	17,669	18,818	12,041	67,657	-	-	-	-	-	-	
ARIZONA	4,349	4,205	20,973	3,972	4,164	37,662	532	652	1,740	1,694	517	5,136	
CALIFORNIA	31,100	12,334	5,664	760	-	49,858	2,739	6,122	8,915	688	197	18,641	
COLORADO	-	6	1,103	1,288	2,799	2,448	-	410	3,299	1,070	-	4,921	
CONNECTICUT	41	-	1,139	688	2,799	4,605	141	-	785	461	-	1,511	
DELAWARE	-	-	8,928	4,854	1,368	15,149	-	-	325	287	-	788	
DIST. OF COL.	-	-	23,686	13,161	-	36,847	-	-	3,987	7,561	-	10,948	
FLORIDA	16,128	915	22,683	8,010	290	48,027	688	234	4,825	3,506	-	13,148	
GEORGIA	3,506	2,514	2,392	301	-	8,713	110	1,141	4,095	-	-	1,690	
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	
IDAHO	798	2,446	1,579	4,206	2,371	7,194	430	127	356	182	-	981	
ILLINOIS	13,994	4,059	21,505	683	4,623	44,623	127	127	4,678	2,709	13	10,251	
INDIANA	1,078	5,479	9,431	6,499	3,143	25,629	434	693	6,992	1,427	-	9,545	
IOWA	-	-	6,705	6,705	-	6,705	-	-	7,758	-	-	7,758	
KANSAS	109	446	5,141	2,674	1,560	9,930	963	580	4,520	105	1	6,169	
KENTUCKY	1,084	37	2,480	10,458	5,735	19,794	997	2	3,005	2,452	302	6,759	
LOUISIANA	104	-	5,163	2,021	759	8,048	2,707	-	836	937	-	5,902	
MARYLAND	63,671	14,535	9,116	8,063	948	96,334	13,530	-	-	-	-	13,530	
MASSACHUSETTS	136,609	964	31,951	1,555	-	171,079	29,958	702	9,626	646	-	40,932	
MICHIGAN	-	1,000	12,985	1,575	-	15,559	330	527	4,914	283	19	6,073	
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	
MISSISSIPPI	6,481	3,614	11,624	2,086	3,382	23,806	281	229	800	238	23	1,572	
MISSOURI	8,456	18,517	5,767	1,319	3,382	37,441	2,637	962	4,851	2,532	441	11,423	
MONTANA	-	-	1,373	686	199	2,258	-	-	511	27	903	1,441	
NEBRASKA	-	84	4,897	1	3,116	8,057	15	170	3,235	41	1	3,462	
NEVADA	-	-	1,925	4,108	2,417	8,449	66	-	84	137	18	306	
NEW HAMPSHIRE	9,690	72	589	1,035	145	11,035	479	379	1,716	2,693	3,092	6,393	
NEW JERSEY	-	-	-	1,030	51	1,080	67	-	67	1,282	-	6,340	
NEW MEXICO	1,057	-	7,104	113	-	8,353	800	-	3,222	-	856	6,340	
NEW YORK	1,010	2,452	12,358	16,505	1,969	34,294	233	202	1,044	865	947	3,291	
NORTH CAROLINA	852	5,011	25,730	5,517	943	38,053	537	490	1,633	3,276	967	6,903	
NORTH DAKOTA	-	-	6,786	2,919	5	9,710	38	199	199	-	-	297	
NORTH DAKOTA	1,739	147	19,143	4,999	1,041	27,070	679	130	902	922	1,306	3,939	
OHIO	-	-	1,925	4,108	2,417	8,449	66	-	84	-	-	306	
OKLAHOMA	10,826	4,170	9,236	4,873	997	30,103	1,069	9	4,635	459	31	6,203	
OREGON	5,227	138	8,468	5,737	1,025	20,594	3,983	31,700	63,017	764	-	132,419	
PENNSYLVANIA	5,828	15,398	16,708	14,905	10,028	62,868	-	-	32,955	-	-	6,203	
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA	29,919	242	48,199	69,485	3,584	151,439	25	-	3,055	889	2,204	6,141	
SOUTH DAKOTA	-	-	7,862	1,653	3,576	13,093	291	-	1,095	6,780	-	1,431	
TEXAS	12,420	5,876	53,915	8,344	1,085	118,624	10,280	4,526	19,123	15,704	28,097	77,730	
UTAH	7,720	-	4,130	1,630	-	13,480	2,200	400	1,100	600	200	4,500	
VERMONT	1	2	3,692	252	2,099	6,046	177	111	72	31	-	391	
VIRGINIA	2,805	4,468	17,940	9,259	4,662	39,135	1,791	4,280	3,410	2,329	49	11,963	
WASHINGTON	470	994	2,069	4,099	322	7,954	431	350	11,807	2,470	-	15,107	
WEST VIRGINIA	-	1,459	4,020	10,139	1,429	17,047	366	462	1,050	793	374	3,045	
WISCONSIN	598	958	4,910	3,250	771	10,488	310	619	2,064	2,064	-	10,319	
WYOMING	474	-	5,124	2,402	424	8,424	450	-	2,035	1,055	60	3,600	
TOTAL 2/ 3/	402,887	110,096	509,181	278,122	81,638	1,381,924	82,295	52,177	181,615	139,832	52,485	508,409	
PERCENT 2/	29.15	7.97	36.85	20.13	5.91	100.00	16.19	10.26	35.72	27.50	10.32	100.00	

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1988

IN URBANIZED AREAS (50,000 OR MORE POPULATION)

CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12
SHEET 3 OF 3
OCTOBER 1989

STATE	CAPITAL OUTLAY						MAINTENANCE						TOTAL
	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	
ALABAMA	142,435	95	8,659	20,331	491	172,010	6,215	-	603	-	-	6,818	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	
ARIZONA	36,083	16,280	11,678	6,511	476	71,028	2,783	683	1,292	213	5,577		
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-		
CALIFORNIA	251,769	330,155	307,873	13,393	-	913,291	60,452	33,577	25,505	-	122,553		
COLORADO	54,020	27,361	75,285	14,522	-	141,222	6,634	1,259	3,706	-	12,633		
CONNECTICUT	184,816	88,142	62,237	49,358	24,526	409,078	4,052	6,123	1,439	1,709	30,803		
DELAWARE	38,495	88,142	26,675	14,384	5,301	85,455	20,864	6,123	10,666	343	22,237		
DIST. OF COL.	33,980	-	27,210	11,159	24,229	96,578	9,729	7,379	14,348	-	56,515		
FLORIDA	106,658	34,076	171,064	119,129	8,372	396,851	5,278	7,797	7,975	6,978	31,199		
GEORGIA	116,639	116,639	75,306	25,957	480	260,351	1,471	1,421	9,675	3	5,906		
HAWAII	34,565	6,099	12,947	790	-	54,881	2,329	1,591	557	-	5,483		
IDAHOO	7,103	269,078	200,180	359	4,976	12,618	60,417	-	764	100	1,601		
ILLINOIS	281,142	14,779	71,973	78,201	9,303	705,997	2,370	1,385	32,303	15,949	147,276		
INDIANA	192,242	14,779	13,403	12,441	6,303	20,288	2,007	-	15,005	-	17,052		
IOWA	6,875	-	-	-	-	-	-	-	-	-	-		
KANSAS	84,816	4,514	9,237	3,621	2,305	104,493	9,599	2,734	3,742	-	16,528		
KENTUCKY	84,704	1,800	9,549	32,208	17,623	145,883	3,837	647	3,181	711	10,979		
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-		
MAINE	6,338	-	5,149	2,621	876	14,985	262	129	1,113	2,048	5,329		
MARYLAND	193,782	32,969	47,582	7,502	5,209	287,044	-	-	-	-	-		
MASSACHUSETTS	141,109	6,410	10,167	897	-	158,574	24,118	1,530	3,207	339	29,235		
MICHIGAN	268,001	38,499	16,066	6,890	149	325,545	8,223	3,704	6,988	290	24,498		
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-		
MISSISSIPPI	16,672	54	6,917	10,238	443	34,323	463	112	631	19	1,277		
MISSOURI	44,524	56,577	33,811	7,939	2,558	145,408	9,741	575	1,577	54	12,621		
MONTANA	17,697	10,656	5,052	85	8,616	42,106	510	151	6,282	81	673		
NEBRASKA	-	-	-	-	-	-	-	-	-	-	-		
NEVADA	26,273	31,995	3,747	4,685	4,059	70,759	470	842	1,134	-	2,804		
NEW HAMPSHIRE	2,106	5,276	5,276	5,142	298	19,423	656	379	2,274	3,212	7,478		
NEW JERSEY	232,720	152,417	86,499	13,734	9,219	494,588	54,267	85,249	30,376	132	172,325		
NEW MEXICO	21,392	-	5,923	10,959	500	38,674	-	-	-	-	-		
NEW YORK	233,365	222,004	216,283	69,526	17,614	758,803	2,821	2,864	5,053	7,049	28,110		
NORTH CAROLINA	32,715	12,227	5,555	43,366	1,341	141,304	2,215	1,071	6,837	1,619	19,656		
NORTH DAKOTA	97	12,436	12,436	2,108	1,324	14,665	233	131	131	-	377		
OHIO	136,267	4,836	110,025	56,288	35,579	342,995	22,052	443	2,744	5,635	34,689		
OKLAHOMA	45,380	6,411	758	414	235	53,208	14,378	-	6,065	-	14,378		
OREGON	24,897	2,738	21,340	19,761	6,104	74,839	3,026	1,556	1,944	141	12,731		
PENNSYLVANIA	407,938	131,322	23,232	227,813	33,988	824,233	34,783	57,507	65,387	9,166	296,673		
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-		
SOUTH CAROLINA	140	-	3	132	1,057	1,191	-	-	-	389	688		
TEXAS	92,224	313,209	21,510	21,491	6,039	141,293	16,957	37,576	5,085	-	30,563		
TENNESSEE	313,209	319,743	200,563	45,711	9,030	868,316	55,473	-	38,280	20,895	184,040		
UTAH	47,534	4,280	15,030	7,100	4,650	78,594	10,500	500	3,103	400	16,403		
VERMONT	138	5,089	939	314	74	7,441	442	-	231	-	988		
VIRGINIA	186,741	33,476	152,895	57,885	8,701	439,688	20,047	4,263	21,474	11,069	78,635		
WASHINGTON	214,284	17,558	13,906	19,633	2,502	267,883	8,196	5,720	24,377	938	43,494		
WEST VIRGINIA	3,817	12,419	10,728	8,779	463	36,206	1,673	1,434	1,109	535	5,696		
WISCONSIN	18,550	26,394	34,566	36,309	1,000	116,938	8,307	4,450	14,537	-	29,666		
WYOMING	2,349	-	736	736	178	4,103	423	-	665	-	1,320		
TOTAL 2/3/	4,305,449	1,953,714	2,151,012	1,078,585	266,942	9,755,676	499,238	272,501	418,565	89,841	1,560,668		
PERCENT 2/	44.13	20.03	22.05	11.06	2.74	100.00	31.99	17.46	26.82	5.76	100.00		

1/ TABLE SF-12 SHOWS CAPITAL OUTLAY AND MAINTENANCE EXPENDITURES BY FUNCTIONAL SYSTEM AND AREA. THE DATA ARE NOT COMPLETE FOR ALL STATES, AND ENTRIES FOR SOME STATES MAY INCLUDE ESTIMATES. FOR THESE REASONS, THE TOTALS SHOWN ABOVE MAY NOT BE CONSISTENT WITH THOSE IN OTHER TABLES IN THE SF SERIES. THE STATES NOT SHOWN WERE UNABLE TO SECURE THE 1988 DATA BY FUNCTIONAL SYSTEM.
2/ THE TOTALS AND PERCENTAGES INCLUDING ONLY THE 47 STATES SHOWN.
3/ TOTALS MAY NOT ADD DUE TO ROUNDING. DIFFERENCES IN NATIONAL TOTALS BETWEEN TABLE SF-12 AND SF-12A ARE DUE TO ROUNDING.

STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1988
FOR ARTERIAL SYSTEMS IN URBAN AREAS
CLASSIFIED BY IMPROVEMENT TYPES

TABLE SF-12A
SHEET 2 OF 3
OCTOBER 1989

Table with columns for STATE, INTERSTATE, and OTHER ARTERIALS. Sub-columns include ROW AND ENGINEERING, NEW CONSTRUCTION, RECONSTRUCTION, MAJOR WIDENING, BRIDGE WORK, SAFETY AND OTHER, TOTAL, ROM AND ENGINEERING, NEW CONSTRUCTION, RECONSTRUCTION, MAJOR WIDENING, BRIDGE WORK, SAFETY AND OTHER, TOTAL.

STATE HIGHWAY AGENCY CAPITAL OUTLAY - 1988¹
FOR RURAL AND URBAN COLLECTORS
CLASSIFIED BY IMPROVEMENT TYPES

TABLE SF-12A
 OCTOBER 1989

COMPILED FROM REPORTS
 OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	RURAL COLLECTORS						URBAN COLLECTORS						TOTAL	
	ROAD AND ENGINEERING	NEW CONSTRUCTION	RECONSTRUCTION	MAJOR WIDENING	BRIDGE WORK	SAFETY AND OTHER	TOTAL	ROAD AND ENGINEERING	NEW CONSTRUCTION	RECONSTRUCTION	MAJOR WIDENING	BRIDGE WORK		SAFETY AND OTHER
ALABAMA	2,578	383	15,659	1,068	8,941	30,018	43,310	212	50	707	487	356	442	
ALASKA	11,407	581	14,001	-	3,148	33,863	53,869	6,427	2,819	-	-	1,048	401	
ARKANSAS	6,155	6,785	-	-	4,216	11,784	44,970	464	-	3,129	-	772	275	
CALIFORNIA	6,088	116	2,956	-	1,230	4,408	13,015	-	-	-	-	-	-	
COLORADO	5,514	-	-	1	11,537	2,036	23,800	-	-	-	-	9,825	286	
CONNECTICUT	1,008	-	256	-	1,891	26,560	30,720	2,380	-	-	-	130	379	
DELAWARE	3,160	-	-	115	11,409	5,921	21,359	509	-	-	1,338	4,013	-	
DIST. OF COL.	11,518	9,133	-	-	3,255	8,750	34,604	3,078	-	1,477	-	5,388	4,724	
FLORIDA	12,154	9,536	2,140	470	19,190	11,731	55,881	2,213	20	149	5,238	95	123	
HAWAII	1,111	-	-	-	1,584	1,170	6,578	60	-	-	-	420	-	
ILLINOIS	3,174	31	6,182	15	1,758	3,785	15,083	2,157	588	3,049	31	41	1,331	
INDIANA	1,748	-	5,558	9,247	4,131	9,462	22,286	4,164	2,394	3,730	1,154	1,085	258	
IOWA	1,488	-	10,571	-	10,547	10,097	49,179	-	-	-	-	2,278	3,438	
KANSAS	2,353	44	1,327	-	7,198	10,596	22,536	410	716	-	-	1,008	462	
KENTUCKY	27,450	33,456	16,460	7,191	42,219	9,214	136,489	4,063	7,710	4,658	4,321	1,054	568	
LOUISIANA	2,728	604	6,395	-	10,355	2,269	22,569	698	-	241	-	551	144	
MAINE	9,425	10,841	1,168	-	7,185	4,387	34,348	3,516	265	-	1,320	682	374	
MASSACHUSETTS	164	3,958	1,164	-	1,183	768	7,195	-	-	-	-	-	-	
MINNESOTA	770	-	-	-	4,682	780	6,483	18	-	-	-	-	131	
MISSISSIPPI	8,600	-	15,838	183	24,424	14,925	62,118	5	-	27	-	144	267	
MISSOURI	5,551	911	9,784	7,512	29,809	7,966	66,163	734	-	-	1,306	296	417	
MONTANA	1,000	911	3,520	-	3,804	706	9,182	1,755	2,197	5,140	-	537	534	
NEBRASKA	1,934	2,223	11,130	-	8,846	909	23,252	1,785	-	-	1,570	-	-	
NEVADA	4,267	18,834	2,620	-	812	2,462	26,917	3,068	837	-	-	2,362	209	
NEW HAMPSHIRE	3,366	-	-	-	47	4,414	11,392	57	-	94	-	261	31	
NEW JERSEY	270	-	3,956	-	12,870	3,310	15,681	-	-	-	-	8,758	461	
NEW MEXICO	9,066	6,725	-	2,142	25,542	3,543	52,773	287	-	-	217	17	9,219	
NEW YORK	10,924	416	7,259	13,048	21,403	26,735	69,791	2,173	-	88	-	3,275	66	
NORTH CAROLINA	10,924	12,716	7,084	-	9,640	10,528	60,867	2,292	9	26	651	607	159	
NORTH DAKOTA	1,521	20	99	-	5,825	3,981	19,715	4,237	88	26	-	3	29	
OHIO	14,547	376	99	-	40,303	32,065	92,116	4,237	88	9,793	340	11,092	3,136	
OKLAHOMA	8,244	2,627	19,340	1,066	19,820	20,976	72,112	911	107	44	4,795	41	277	
PENNSYLVANIA	12,268	7,132	5,630	2,203	2,793	6,991	37,658	8,791	9,895	7,811	3,056	9,659	890	
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA	3,212	37	2,213	9	4,737	5,155	15,673	1,714	-	1,088	72	1,055	402	
SOUTH DAKOTA	2,803	3,971	5,563	-	30,900	2,745	24,844	3,663	448	3,378	460	2,873	262	
TENNESSEE	80,124	151,272	12,319	2,332	116,088	29,213	388,682	1,264	5,415	-	-	2,618	846	
UTAH	1,989	6,660	-	-	3,680	1,690	14,349	700	-	-	-	1,170	2,280	
VERMONT	1,958	1,372	-	-	1,634	2,890	6,556	628	-	62	-	500	8	
VIRGINIA	29,616	6,409	19,037	1,121	9,812	7,413	77,163	5,667	1,896	1,757	1,063	2,152	450	
WASHINGTON	2,564	-	851	-	4,518	8,140	16,887	1,161	-	11	-	33	189	
WEST VIRGINIA	3,563	4,347	75	138	32,372	26,656	68,400	163	-	1,189	-	680	65	
WISCONSIN	3,141	-	9,003	-	11,089	7,857	31,763	210	-	4	-	-	-	
WYOMING	4,907	5,192	6,662	-	7,205	3,076	27,461	418	34	-	-	5	188	
TOTAL 3/ 4/	345,072	310,300	225,728	53,835	614,318	396,097	2,015,680	70,534	34,572	52,441	25,747	67,307	24,652	
PERCENT FEDERAL-FUND PLUS STATE MATCHING FUNDS 3/	17.1	15.4	11.2	2.7	30.5	19.7	100.0	20.2	9.9	15.0	7.4	19.3	7.1	
PERCENT SYSTEM 3/	36.3	37.4	62.6	53.5	28.0	63.8	43.2	68.9	71.3	79.6	62.7	79.8	78.3	

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

2/ THE SUBCATEGORIES, IN SOME INSTANCES, GROUP A NUMBER OF IMPROVEMENT TYPES. NEW AND SF-12A ARE DUE TO ROUNDING.

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

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

CONSTRUCTION INCLUDES NEW ROUTE AND RELOCATION. 3R INCLUDES MINOR WIDENING, RESTORATION, REHABILITATION, AND RESURFACING. BRIDGE WORK INCLUDES NEW BRIDGE, BRIDGE REPLACEMENT, MAJOR BRIDGE REHABILITATION, AND MINOR BRIDGE REHABILITATION. SAFETY AND OTHER INCLUDES SAFETY, TRAFFIC OPERATIONS, FISH AND WILDLIFE REPAIRS, AND REPAIRS TO BRIDGE AND ROAD STRUCTURES. SHOWN.

STATE OBLIGATIONS FOR HIGHWAYS - 1988
OBLIGATIONS ISSUED OR ASSUMED DURING YEAR¹

STATE	OBLIGATION 2/	DATED 3/	GROSS PROCEEDS OF SALES			POSTED INTEREST RATE 4/	COURSE OF FUNDS FOR DEBT SERVICE 5/
			PAR VALUE	PREMIUM OR DISCOUNT	RECEIVED INTEREST 4/		
ALABAMA	ALABAMA HIGHWAY AUTHORITY REFUNDING BONDS - 1986 SERIES B	10-01-85	11,287	-225	884	125,357	STARTE HIGHWAY FUNDS
		9-01-87	43,750		353	50,123	SALES TAX
ARIZONA	BRIDGE REPLACEMENT SERIES B HIGHWAY SYSTEM - SERIES E TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1988A TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1988B TOTAL	12-01-87	3,780		16	3,806	HIGHWAY-USER REVENUE
		6-01-88	343,188	-3,201	1,279	341,366	HIGHWAY-USER REVENUE
CALIFORNIA	SENIOR REVENUE BONDS - 1988 SERIES	8-15-88	66,505			66,505	MOTOR-FUEL TAX, TOLLS
		3-01-88	37,274			37,274	GENERAL REVENUE
DISTRICT OF COLUMBIA	GENERAL REVENUE (REFUNDING BONDS - SERIES 1988A) GENERAL REVENUE (REFUNDING BONDS - SERIES 1988B) TOTAL	3-01-88	31,988			31,988	GENERAL REVENUE
		7-15-88	75,153			75,153	GENERAL REVENUE
GEORGIA	DEVELOPMENTAL HIGHWAY CONSTRUCTION BONDS - SERIES 1988A THRUHOGE BRIDGE REPLACEMENT BONDS - SERIES 1988B TOTAL	4-01-88	45,000	11		45,011	GENERAL REVENUE
		3-01-87	8,561			8,561	GENERAL REVENUE
HAWAII	GENERAL OBLIGATION BONDS - SERIES B1 GENERAL OBLIGATION BONDS - SERIES B2 TOTAL	12-01-87	4,601			4,601	GENERAL REVENUE
		3-01-88	24,582			24,582	GENERAL REVENUE
ILLINOIS	TRANSPORTATION BOND SERIES A TRANSPORTATION BOND SERIES B TOTAL	1-01-88	30,000	-896		29,304	HIGHWAY-USER REVENUE
		10-01-88	48,000	-1,019		46,981	HIGHWAY-USER REVENUE
INDIANA	HIGHWAY REVENUE SERIES - 1988B TOTAL	9-01-88	62,915		295	63,210	HIGHWAY-USER REVENUE
		9-01-88	171,230		253	171,483	HIGHWAY-USER REVENUE
KENTUCKY	ECONOMIC DEVELOPMENT - ROAD REVENUE SERIES 1987A ECONOMIC DEVELOPMENT - ROAD REVENUE SERIES 1987B TOTAL	1-01-87	36,000	680		36,680	LEASE RENTALS
		1-01-88	81,910	-6,268		75,642	LEASE RENTALS
MAINE	HIGHWAY AND BRIDGE LOAN BONDS - SERIES 1988 TOTAL	12-15-88	20,000			20,000	HIGHWAY-USER REVENUE
		11-05-88	7,285	-71	9	7,223	HIGHWAY-USER REVENUE
MARYLAND	COUNTY TRANSPORTATION BONDS - ELEVENTH SERIES - 1988 TOTAL	12-01-88	10,950			10,950	HIGHWAY-USER REVENUE
		3-01-88	14,025			14,025	HIGHWAY-USER REVENUE
MASSACHUSETTS	HIGHWAY IMPROVEMENT LOAN ACT OF 1977 HIGHWAY IMPROVEMENT LOAN ACT OF 1981 HIGHWAY IMPROVEMENT LOAN ACT OF 1982 TOTAL	12-01-88	2,140			2,140	HIGHWAY-USER REVENUE
		3-01-88	340			340	HIGHWAY-USER REVENUE
MINNESOTA	STATE TRANSPORTATION BONDS - LAWS OF 1995 FRANK HIGHWAY REFUNDING BONDS TOTAL	7-01-88	1,800	1	2	1,801	GENERAL REVENUE
		4-01-88	14,555	2	21	14,578	HIGHWAY-USER REVENUE
NEVADA	HIGHWAY IMPROVEMENT BONDS - SERIES 1988 TOTAL	6-01-88	17,500	3		17,503	MOTOR-FUEL TAX
		12-01-88	15,000			15,000	HIGHWAY-USER REVENUE
NEW JERSEY	TRANSPORTATION SYSTEM REFUNDING BONDS - 1988 SERIES A GENERAL LEASING SYSTEM REVENUE REFUNDING BONDS - 1988 SERIES B BRIDGE SYSTEM REVENUE BONDS - 1988 SERIES C TOTAL	3-01-88	46,925	-588		46,337	TOLLS, MOTOR-FUEL TAX, COMM. VEHICLE TAX
		7-28-88	25,905			25,905	TOLLS
NEW YORK	TRANSPORTATION INFRASTRUCTURE GENERAL BONDS - 1988 TOTAL	6-15-88	288,439	-688		287,751	TOLLS
		6-15-88	198,000	272	194	198,266	GENERAL REVENUE
OHIO	HIGHWAY OBLIGATION CONSTRUCTION BONDS - SERIES O TOTAL	7-28-87	100,000	152		100,152	HIGHWAY-USER REVENUE
		3-01-88	49,000	-410	73	48,663	GENERAL REVENUE
PENNSYLVANIA	GENERAL OBLIGATION BONDS (BRIDGES), 1ST SERIES A-1988 GENERAL OBLIGATION BONDS (BRIDGES), 2ND SERIES A-1988 TOTAL	12-01-88	34,749			34,749	TOLLS, MOTOR-FUEL TAX, COMM. VEHICLE TAX
		12-01-88	33,000			33,000	TOLLS
RHODE ISLAND	GENERAL OBLIGATION BONDS - SERIES 1988A GENERAL OBLIGATION BONDS - SERIES 1988B TOTAL	6-15-88	13,500			13,500	GENERAL REVENUE
		6-01-88	9,295			9,295	GENERAL REVENUE
VIRGINIA	TRANSPORTATION CONTRACT REVENUE BONDS (RT281) - SERIES 1988 TOTAL	9-01-88	198,483	-510	667	198,640	REAL ESTATE TAX
		12-01-88	22,130	-150		21,980	MOTOR-FUEL TAX
WASHINGTON	HIGHWAY CONSTRUCTION BONDS (DO-10) HIGHWAY CONSTRUCTION (REFUNDING) BONDS SERIES 809E TOTAL	12-01-88	25,500	42	225	25,767	MOTOR-FUEL TAX
		12-01-88	10,100	15	88	10,104	MOTOR-FUEL TAX
WISCONSIN	TRANSPORTATION REVENUE BONDS - SERIES 1988A TRANSPORTATION REVENUE BONDS - SERIES 1988B TOTAL	4-15-88	51,475	-180		51,475	HIGHWAY-USER REVENUE
		4-01-88	72,844	-180	50	72,764	HIGHWAY-USER REVENUE
GRAND TOTAL	TOTAL		2,701,969	-17,109	5,809	2,580,669	

1/ THIS TABLE IS ONE OF 2 SERIES WHICH AVAILABLE INFORMATION CONCERNING STATE AND LOCAL STATE OBLIGATIONS ISSUED OR ASSUMED FOR HIGHWAY PURPOSES. THE OTHER TABLE IS TABLE SB-2, CHANGE IN INTERESTS DURING YEAR AND SB-3, DEBITS AND CREDITS TO DEBIT BALANCE IDENTIFIED AS REFUNDING BONDS WERE ISSUED PARTLY FOR HIGHWAY AND PARTLY FOR OTHER PURPOSES. SUCH ISSUES HAVE BEEN CHARGED TO STATE HIGHWAYS TO COUNTY OR MUNICIPALITY PURPOSES. WITH THE NONHIGHWAY PORTION BEING CHARGED FROM DATE OF ISSUE TO DATE OF SALE.
2/ ALL BONDS WITH CRI (CREDIT RISK) HAVE BEEN IDENTIFIED AS CRI BONDS UNLESS OTHERWISE IDENTIFIED AS REFUNDING.
3/ COLUMN WITH CRI BONDS BEING TO BE CRI BONDS UNLESS OTHERWISE IDENTIFIED AS REFUNDING.
4/ PAYMENT BY BOND PURCHASER FOR INTEREST ACCRUED FROM DATE OF ISSUE TO DATE OF SALE.
5/ WHEN AN APOSTROPH appears in this column, the BONDS ARE UNDERSTOOD TO BE SECURED BY THE FULL FAITH AND CREDIT OF THE STATE.
6/ IN ADDITION TO THE SPECIFIC REVENUES DESIGNATED BY LAW TO DEBT SERVICE.

STATE OBLIGATIONS FOR HIGHWAYS - 1988

CHANGE IN INDEBTEDNESS DURING YEAR¹

TABLE SB-2
SHEET 1 OF 2
OCTOBER 1989

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS		OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED 3/			OBLIGATIONS REDEEMED			OBLIGATIONS OUTSTANDING END OF YEAR	SINKING FUND AND OTHER REDEMPTION RESERVES 4/	NET INDEBTEDNESS
	ISSUE	CLASSIFICATION 2/		ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	WITH CURRENT REVENUE AND DEBT RESERVES	BY REFUNDING	TOTAL			
ALABAMA	STATE HIGHWAY BONDS	A	238,040	-	11,267	11,267	59,843	11,267	71,110	178,197	-	178,197
ALASKA	STATE HIGHWAY BONDS	A	102,978	-	-	-	22,080	-	22,080	80,899	-	80,899
	TOLL FACILITY BONDS	B	25,718	-	-	-	4,666	-	4,666	21,052	-	21,052
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	15,972	-	-	-	4,089	-	4,089	11,883	-	11,883
ARIZONA	STATE HIGHWAY BONDS	A	765,500	124,998	-	124,998	21,015	-	21,015	869,483	-	869,483
CALIFORNIA	TOLL FACILITY BONDS	B	89,860	-	49,760	49,760	2,650	45,975	48,625	90,995	3,175	87,820
	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	796,940 797,340	343,188 343,188	- -	343,188 343,188	57,840 58,240	- -	57,840 58,240	1,082,288 1,082,288	- -	1,082,288 1,082,288
DELAWARE	STATE HIGHWAY BONDS	A	279,870	66,505	-	66,505	27,953	-	27,953	318,423	-	318,423
	TOLL FACILITY BONDS TOTAL	B	138,090 417,960	133,090 66,505	- -	133,090 66,505	4,755 32,708	- -	4,755 32,708	133,335 451,758	- -	133,335 451,758
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	C	1,086,761	25,883	49,270	75,153	4,386	49,270	53,656	1,108,258	-	1,108,258
FLORIDA	STATE HIGHWAY BONDS	A	134,322	-	-	-	10,570	-	10,570	123,752	-	123,752
	TOLL FACILITY BONDS TOTAL	B	1,079,435 1,213,757	- -	- -	- -	35,584 46,154	- -	35,584 46,154	1,043,851 1,167,603	- -	1,043,851 1,167,603
GEORGIA	STATE HIGHWAY BONDS	A	623,219	67,000	-	67,000	58,154	-	58,154	632,064	-	632,064
HAWAII	STATE HIGHWAY BONDS	A	148,027	24,551	-	24,551	13,821	-	13,821	156,756	-	156,756
ILLINOIS	STATE HIGHWAY BONDS	A	1,118,195	111,000	-	111,000	64,125	-	64,125	1,185,070	-	1,185,070
	TOLL FACILITY BONDS TOTAL	B	587,295 1,705,490	111,000 111,000	- -	111,000 111,000	4,865 68,990	- -	4,865 68,990	582,430 1,747,500	- -	582,430 1,747,500
INDIANA	STATE HIGHWAY BONDS	A	297,465	127,230	-	127,230	420	-	420	127,230	-	127,230
	TOLL FACILITY BONDS TOTAL	B	297,465 297,465	127,230 127,230	- -	127,230 127,230	420 420	- -	420 420	297,045 424,275	- -	297,045 424,275
IOWA	TOLL FACILITY BONDS	B	3,235	-	-	-	3,235	-	3,235	-	-	-
KANSAS	STATE HIGHWAY BONDS	A	148,635	-	-	-	9,610	-	9,610	138,025	10,380	128,645
	TOLL FACILITY BONDS TOTAL	B	112,030 260,665	- -	- -	- -	1,385 11,005	- -	1,385 11,005	10,635 219,680	10,093 20,423	100,992 229,237
KENTUCKY	STATE HIGHWAY BONDS	A	1,013,476	36,000	45,910	81,910	27,835	45,910	73,745	1,021,641	86	1,021,555
	TOLL FACILITY BONDS TOTAL	B	951,857 1,368,327	36,000 36,000	45,910 45,910	81,910 81,910	32,056 59,891	45,910 45,910	32,056 105,801	319,795 1,341,436	4,715 4,801	315,080 1,336,635
LOUISIANA	STATE HIGHWAY BONDS	A	1,418,142	-	-	-	42,435	-	42,435	1,375,707	-	1,375,707
	TOLL FACILITY BONDS	B	16,432	-	-	-	3,605	-	3,605	12,827	-	12,827
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	15,917 1,440,491	- -	- -	- -	1,717 47,757	- -	1,717 47,757	4,200 1,392,733	- -	4,200 1,392,733
MAINE	STATE HIGHWAY BONDS	A	91,440	20,000	-	20,000	8,820	-	8,820	102,620	-	102,620
	TOLL FACILITY BONDS TOTAL	B	2,500 93,940	- -	- -	- -	1,000 9,820	- -	1,000 9,820	1,500 104,120	- -	1,500 104,120
MARYLAND	TOLL FACILITY BONDS	B	201,925	7,285	-	7,285	1,805	-	1,805	200,120	-	200,120
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	161,900 363,825	7,285 7,285	- -	7,285 7,285	9,895 11,700	- -	9,895 11,700	159,290 359,410	- -	159,290 359,410
MASSACHUSETTS	STATE HIGHWAY BONDS	A	910,523	386,055	-	386,055	79,683	-	79,683	1,216,895	-	1,216,895
	TOLL FACILITY BONDS 5/ TOTAL 5/	B	910,523 386,055	386,055 386,055	- -	386,055 386,055	79,683 79,683	- -	79,683 79,683	1,216,895 1,216,895	- -	1,216,895 1,216,895
MICHIGAN	STATE HIGHWAY BONDS	A	75,080	-	-	-	3,958	-	3,958	71,122	-	71,122
	TOLL FACILITY BONDS	B	7,850	-	-	-	7,850	-	7,850	100,688	-	100,688
	STATE ISSUES FOR LOCAL ROADS TOTAL	C	106,285 189,215	- -	- -	- -	5,597 9,555	- -	5,597 9,555	179,660 179,660	- -	179,660 179,660
MINNESOTA	STATE HIGHWAY BONDS	A	159,652	4,000	17,555	21,555	11,119	16,720	27,839	153,368	15,655	137,713

STATE OBLIGATIONS FOR HIGHWAYS - 1988
CHANGE IN INDEBTEDNESS DURING YEAR¹

TABLE SB-2
SHEET 2 OF 2
OCTOBER, 1989

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS		OBLIGATIONS ISSUED 3/				OBLIGATIONS REDEEMED			OBLIGATIONS OUTSTANDING END OF YEAR	SINKING FUND AND OTHER REDEMPTION RESERVES 3/	NET INDEBTEDNESS
	ISSUE	CLASSIFICATION 2/	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	CURRENT AND DEBT RESERVES	BY REFUNDING	TOTAL			
MISSISSIPPI	STATE HIGHWAY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A C	228,760 39,326 267,086	- - -	- - -	11,085 3,582 14,667	- - -	217,675 34,744 252,419	- - -	217,675 34,744 252,419		
MONTANA	STATE HIGHWAY BONDS	A	150,000	-	-	-	-	150,000	-	150,000		
NEBRASKA	STATE HIGHWAY BONDS	A	2,000	-	-	-	-	2,000	-	2,000		
NEVADA	STATE HIGHWAY BONDS	A	54,300	17,500	-	17,500	-	59,540	890	59,650		
NEW HAMPSHIRE	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	38,763 217,063 255,826	15,000 15,000 -	- -	6,213 10,238 16,451	- -	17,550 221,825 239,375	- -	17,550 221,825 239,375	47,550 17,276 221,825	
NEW JERSEY	STATE HIGHWAY BONDS TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A B C	882,068 2,960,560 73,800 3,916,428	78,075 128,590 206,765 -	46,925 34,749 81,674 -	62,373 5,590 1,760 69,723	46,925 30,990 77,915 -	109,298 36,590 147,638 -	- -	897,769 3,087,419 72,040 4,057,228	897,769 3,087,419 72,040 4,057,228	
NEW MEXICO	STATE HIGHWAY BONDS	A	63,189	-	-	50,244	-	113,433	-	113,433	12,945	
NEW YORK	STATE HIGHWAY BONDS TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A B C	602,400 583,508 52,006 1,237,914	228,200 - - 228,200	- -	100,720 41,264 10,000 151,984	- -	100,720 542,244 42,006 1,314,130	22,624 -	707,256 542,244 42,006 1,291,506	707,256 542,244 42,006 1,291,506	
NORTH CAROLINA	STATE HIGHWAY BONDS	A	226,750	-	-	24,020	-	250,770	-	250,770	202,730	
OHIO	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	414,650 4,810 419,460	100,000 100,000 -	- -	77,250 77,250 -	- -	437,400 442,210 -	111,981 -	325,419 4,810 330,229	325,419 4,810 330,229	
OKLAHOMA	TOLL FACILITY BONDS	B	166,915	-	-	6,840	-	173,755	-	173,755	160,075	
OREGON	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	102,250 6,000 108,250	- -	- -	2,500 800 3,300	- -	99,750 5,200 104,950	5,042 -	94,708 5,200 99,908	94,708 5,200 99,908	
PENNSYLVANIA	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	1,642,095 984,104 2,626,199	198,000 198,000 -	- -	132,005 2,938 134,943	- -	1,708,090 981,166 2,689,256	- -	1,708,090 981,166 2,689,256	1,708,090 981,166 2,689,256	
RHODE ISLAND	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	109,274 48,555 158,229	22,795 22,795 -	9,140 9,140 -	12,974 915 13,889	8,170 -	120,066 48,040 168,106	- -	120,066 48,040 168,106	120,066 48,040 168,106	
SOUTH CAROLINA	STATE HIGHWAY BONDS	A	8,110	-	-	8,110	-	8,110	-	8,110	-	
TENNESSEE	STATE HIGHWAY BONDS	A	57,990	-	-	9,920	-	67,910	-	67,910	48,070	
TEXAS	TOLL FACILITY BONDS	B	409,645	-	-	2,365	-	412,010	-	412,010	407,280	
UTAH	STATE HIGHWAY BONDS	A	4,000	-	-	4,000	-	4,000	-	4,000	-	
VERMONT	STATE HIGHWAY BONDS	A	37,765	-	-	6,305	-	44,070	-	44,070	31,480	
VIRGINIA	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	300,281 300,281 -	138,483 138,483 -	- -	15,954 15,954 -	- -	138,483 422,810 -	12,064 13,079 -	126,420 141,121 267,541	126,420 141,121 267,541	
WASHINGTON	STATE HIGHWAY BONDS TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS TOTAL	A B C	472,870 135,715 223,095 831,680	40,500 22,000 52,500 -	22,130 9,480 31,610 -	18,125 3,903 12,223 32,251	22,130 9,480 31,610 -	38,255 13,383 232,872 63,861	- -	497,245 131,812 232,872 861,929	497,245 131,812 232,872 861,929	
WEST VIRGINIA	STATE HIGHWAY BONDS TOLL FACILITY BONDS TOTAL	A B	636,484 65,103 701,587	- -	- -	59,557 20,560 80,117	- -	576,927 44,543 621,470	25,321 -	551,606 44,543 596,149	551,606 44,543 596,149	
WISCONSIN	STATE HIGHWAY BONDS	A	301,398	51,475	21,369	72,844	18,934	329,789	-	329,789	329,769	
SUMMARY	STATE HIGHWAY BONDS TOLL FACILITY BONDS STATE ISSUES FOR LOCAL ROADS GRAND TOTAL 5/	A B C	14,059,175 8,525,462 1,764,062 24,548,699	2,700,555 128,590 155,168 2,984,313	174,286 93,589 49,270 317,555	1,141,671 201,590 104,438 1,395,477	169,456 49,270 305,171 -	1,311,127 102,486 1,701,648 -	204,043 18,948 222,981 -	14,919,856 8,531,487 1,766,013 25,217,356	14,919,856 8,531,487 1,766,013 25,217,356	

1/ SEE TABLE SB-1 FOR GENERAL NOTE ON SB SERIES. THE FOLLOWING STATES REPORTED NO INDEBTEDNESS DURING 1988: ARKANSAS, COLORADO, IDAHO, MISSOURI, NORTH DAKOTA, SOUTH DAKOTA AND WYOMING. PURPOSES OF THIS ANALYSIS, BOND ISSUES HAVE BEEN CLASSIFIED IN ACCORDANCE WITH TYPES OF ISSUES SUMMARIZED ON SHEET 2.

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

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

STATE OBLIGATIONS FOR HIGHWAYS - 1988

RECEIPTS AND DISBURSEMENTS FOR DEBT SERVICE

TABLE 5B-3
SHEET 1 OF 2
OCTOBER 1989

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS		RECEIPTS APPLICABLE TO DEBT SERVICE										DISBURSEMENTS				BALANCE	
	ISSUE	CLASSIFICATION	ISSUE	STATE HIGHWAY REVENUES	TOLLS	PROCEEDS OF BONDS	NET EARNINGS OF INVESTMENTS	MISCELLANEOUS INCOME	TOTAL RECEIPTS	INTEREST	ADMINISTRATIVE FEES, ETC.	TOTAL INTEREST ADMINISTRATION	PAR VALUE	PREMIUM OR DISCOUNT	TOTAL DISBURSEMENTS	SINKING FUND OR DEBT BEG. YEAR	DEBT END OF YEAR	
ALABAMA	STATE HIGHWAY BONDS	A	78,601	-	-	11,267	-	-	89,868	18,191	567	18,758	71,110	-	71,110	89,868	-	
ALASKA	STATE HIGHWAY BONDS	A	-	-	-	-	-	28,877	6,787	-	6,787	22,080	-	-	22,080	28,877	-	
	STATE HIGHWAY BONDS	B	-	-	-	-	-	5,193	1,334	-	1,334	4,066	-	-	4,066	5,193	-	
	STATE ISSUES FOR LOCAL ROADS	C	-	-	-	-	-	40,127	9,313	-	9,313	30,812	-	-	30,812	40,125	-	
ARIZONA	STATE HIGHWAY BONDS	A	38,708	-	4,007	33,910	-	-	76,625	55,587	23	55,610	21,015	-	21,015	76,625	-	
CALIFORNIA	TOLL FACILITY BONDS	B	-	-	12,446	50,123	-	-	62,569	5,957	30	5,987	48,625	8,027	56,652	62,639	4,165	
CONNECTICUT	STATE HIGHWAY BONDS	A	129,598	-	1,379	-	-	130,977	71,563	613	72,176	57,840	-	961	58,801	130,977	-	
	TOLL FACILITY BONDS TOTAL	B	420	-	1,379	-	-	131,397	71,571	613	72,186	58,240	-	961	59,201	131,397	-	
DELAWARE	STATE HIGHWAY BONDS	A	48,113	-	1,505	1,505	-	49,618	21,665	-	21,665	27,953	-	-	27,953	49,618	-	
	TOLL FACILITY BONDS TOTAL	B	21,702	-	10,335	1,783	-	7,971	4,755	-	4,755	4,231	-	-	4,231	12,202	21,618	
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	C	-	-	49,270	-	-	49,270	122,462	973	68,807	53,656	-	-	53,656	122,463	-	
FLORIDA	STATE HIGHWAY BONDS	A	18,500	-	-	-	-	18,500	7,925	5	7,930	10,570	-	-	10,570	18,500	-	
	TOLL FACILITY BONDS TOTAL	B	141,568	-	144,009	18,112	-	231,381	67,663	32	67,715	35,584	-	-	35,584	269,850	269,850	
GEORGIA	STATE HIGHWAY BONDS	A	103,439	-	-	-	-	103,439	45,284	-	45,284	58,154	-	-	58,154	103,438	-	
HAWAII	STATE HIGHWAY BONDS	A	11,130	-	-	-	-	11,130	10,441	-	10,441	13,821	-	-	13,821	24,262	-	
ILLINOIS	STATE HIGHWAY BONDS	A	144,981	-	-	-	-	144,981	76,651	94	76,745	64,195	-	4,101	68,096	144,981	-	
	TOLL FACILITY BONDS TOTAL	B	27,382	-	23,692	1,714	-	23,510	23,510	94	23,604	4,865	-	-	4,865	28,375	24,413	
INDIANA	STATE HIGHWAY BONDS	A	25,29	-	26,595	2,465	-	29,000	2,417	192	2,609	420	-	-	420	2,609	25,291	
	TOLL FACILITY BONDS TOTAL	B	26,138	-	18,379	5,094	-	50,668	23,985	192	24,018	420	-	-	420	24,438	52,368	
IOWA	TOLL FACILITY BONDS	B	-	-	-	-	-	3,877	642	-	642	3,235	-	-	3,235	3,877	-	
KANSAS	STATE HIGHWAY BONDS	A	94,062	-	-	-	-	94,062	11,891	39	11,930	9,610	-	-	9,610	21,540	72,522	
	TOLL FACILITY BONDS TOTAL	B	13,802	-	8,863	857	-	9,700	8,328	39	8,367	1,395	-	-	1,395	9,763	13,799	
KENTUCKY	STATE HIGHWAY BONDS	A	60,411	-	39,042	31,785	-	128,810	68,195	3,842	72,037	73,745	-	-	73,745	145,782	159,857	
	TOLL FACILITY BONDS TOTAL	B	237,251	-	5,217	36,311	-	36,339	24,055	235	24,291	32,066	-	309	32,365	65,655	40,095	
LOUISIANA	STATE HIGHWAY BONDS	A	11,400	-	-	-	-	11,400	94,693	-	94,693	42,435	-	-	42,435	137,128	-	
	STATE ISSUES FOR LOCAL ROADS	C	11,400	-	-	-	-	11,400	1,967	-	1,967	3,605	-	-	3,605	3,963	9,404	
MAINE	STATE HIGHWAY BONDS	A	1,535	-	1,033	90	-	15,815	6,995	-	6,995	8,820	-	-	8,820	15,815	-	
	TOLL FACILITY BONDS TOTAL	B	1,535	-	1,033	90	-	1,123	7,327	-	7,327	1,000	-	-	1,000	1,325	1,325	
MARYLAND	STATE HIGHWAY BONDS	A	31,241	-	17,591	1,450	-	19,041	17,193	-	17,193	11,805	-	-	11,805	18,991	31,291	
	TOLL FACILITY BONDS TOTAL	B	25,545	-	61	3,330	-	24,023	12,069	52	12,121	9,885	-	-	9,885	30,552	30,552	
MASSACHUSETTS	STATE HIGHWAY BONDS	A	59,786	-	17,591	61	-	43,064	29,262	52	29,314	11,700	-	-	11,699	41,007	61,843	
MICHIGAN	STATE HIGHWAY BONDS	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	TOLL FACILITY BONDS	B	16	-	-	-	-	9,804	5,859	-	5,859	3,958	-	-	3,943	9,802	18	
	STATE ISSUES FOR LOCAL ROADS	C	507	-	1,233	16	-	1,249	7,758	-	7,758	5,597	-	-	5,597	13,890	997	
MINNESOTA	STATE HIGHWAY BONDS	A	-	-	-	-	-	13,890	8,293	-	8,293	5,540	-	-	5,540	13,890	-	
	TOLL FACILITY BONDS TOTAL	B	523	-	1,233	17	-	14,910	9,555	-	9,555	5,540	-	-	5,540	24,450	1,015	
STATE HIGHWAY BONDS	A	40,041	-	-	102	-	35,220	9,617	-	-	9,617	27,839	-	-	27,839	37,455	37,803	

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1988

TABLE SF-38
OCTOBER 1988
OCTOBER 1988

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BEGINNING OF YEAR 2/ RESERVES FOR CONSTRUCTION OPERATION ETC.	RESERVES FOR OPERATION SERVICE	HIGHWAY- USER REVENUES	ROAD CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INCOME AND INVEST- MENTS	CONCES- SIONS AND RENTALS	MISCEL- LANEOUS RECEIPTS	TOTAL RECEIPTS
ALASKA	ALASKA FERRY SYSTEM	ALASKA DEPARTMENT OF PUBLIC WORKS	-	-	-	14,446	-	-	7,216	3/ 48,878	70,340
CALIFORNIA	CARQUINEZ, BENICIA-MARTINEZ, AND ANTIPOCH BRIDGES RICHMOND-SAN RAFAEL BRIDGE SAN DIEGO-CORONADO BRIDGE SAN JOAQUIN-SAN FRANCISCO BRIDGE SAN PEDRO-TERMINAL ISLAND BRIDGE (VINCENT THOMAS)	CALIFORNIA TRANSPORTATION COMMISSION CALIFORNIA TRANSPORTATION COMMISSION CALIFORNIA TRANSPORTATION COMMISSION CALIFORNIA TRANSPORTATION COMMISSION CALIFORNIA TRANSPORTATION COMMISSION	58,981 19,569 7,910 108,543 3,934	950 - 3,285 - -	2,361 1,794 13,048 - -	18,164 8,652 8,150 4,254 2,152	- - 50,123 - -	5,027 1,842 916 5,474 324	130 - 1 2,614 -	24 53 22 211 13	25,706 12,341 8,341 15,889 1,283 2,839
CONNECTICUT	CHARTER OAK BRIDGE THAMES RIVER BRIDGE A/ HERRITT AND HILBUR CROSS PARKWAYS ROCKYHILL-GLASTONBURY AND CHESTER-HADLYME FERRIES	CONNECTICUT DEPARTMENT OF TRANSPORTATION CONNECTICUT DEPARTMENT OF TRANSPORTATION CONNECTICUT DEPARTMENT OF TRANSPORTATION CONNECTICUT DEPARTMENT OF TRANSPORTATION	- - - - -	- - - - -	- 420 - 225 645	2,170 - 11,278 117 13,665	- - - - -	- - - - -	- - 465 - 465	- - - - -	2,270 420 11,743 342 14,775
DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE MAY-LEWES FERRY JOHN F. KENNEDY MEMORIAL HIGHWAY	DELAWARE RIVER AND BAY AUTHORITY DELAWARE TRANSPORTATION AUTHORITY	15,975 8,252 24,227	7,241 14,461 21,702	- - -	35,410 24,602 60,012	- - -	1,489 1,970 3,459	1,284 1,284 -	606 28,575 -	31,505 55,825 93,330
FLORIDA	EMORY L. BENNETT CAUSEWAY JACKSONVILLE EXPRESSWAY SYSTEM PINECREST EXPRESSWAY BRIDGE ST. GEORGE ISLAND (BRYANT PATTON) BRIDGE SANTA ROSA (NAYAREE) BRIDGE SUNSHINE SKYWAY (LAKER TAMPA BAY BRIDGE) TAMPA EXPRESSWAY BULCRANE TRAIL ROAD CENTRAL FLORIDA EXPRESSWAY EVERGLADES PARKWAY HIGHLAND EXPRESSWAY (SOUTH CROSSTOWN) HILARIOUS EXPRESSWAY HIGHLAND COUNTY EXPRESSWAYS SAGGRASS-DEERFIELD EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF TRANSPORTATION	48,340 11,402 597 - 9 252,666 66,918 - 27 542 53,511 17,021 10,891 9,611 377,368	11,402 1,645 - - - 10,568 86,918 - 1,439 - 7,021 14,145 24,510 141,568	4,368 104 - - - 155,074 1,742 - - - 6,988 19,114 187,680	3,701 53,185 1,254 3,149 519 147 8,683 28,621 621 1,956 4,203 84,384 10,458 13,032 233,716	- - - - - - - - - - - - - - -	2,965 132 - - - 837 27,595 - 93 - 2,793 1,297 2,023 37,849	- - - - - - - - - - - - - - -	3,701 60,485 3,149 519 147 9,520 21,891 2,801 4,203 18,592 10,795 34,169 476,891	
GEORGIA	TORRAS CAUSEWAY	GEORGIA STATE TOLLWAY AUTHORITY	-	-	-	1,376	-	-	-	-	1,376
ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	ILLINOIS STATE TOLL HIGHWAY AUTHORITY	486,517	27,382	-	208,213	-	31,747	3,636	3,592	247,188
INDIANA	WARSH MEMORIAL, BRANDENBURG-MUNKPORT, AND HARVEYVILLE-CANNELTON BRIDGES INDIANA EAST-WEST TOLL ROAD	INDIANA TRANSPORTATION FINANCE AUTHORITY INDIANA TRANSPORTATION FINANCE AUTHORITY	602 50,882 51,484	- 26,138 26,138	- - -	1,637 51,964 53,601	- - -	- 5,445 5,445	- 2,825 2,825	5 602 607	1,642 60,836 62,478
IOWA	MUSCATINE TOLL BRIDGE SHANNON-SHOBLA BRIDGE	IOWA DEPARTMENT OF TRANSPORTATION IOWA DEPARTMENT OF TRANSPORTATION	520 289 809	- - -	3,877 - 3,877	6 5 11	- - -	80 27 107	- - -	- - -	3,963 32 3,995
KANSAS	KANSAS TURNPIKE SYSTEM	KANSAS TURNPIKE AUTHORITY	36,203	13,802	-	35,143	-	3,105	456	5/ 2,709	41,413
KENTUCKY	KENTUCKY PARKWAY SYSTEM	THE TURNPIKE AUTHORITY OF KENTUCKY	357	60,411	26,596	17,575	-	6,194	-	5	50,370
LOUISIANA	GREATER NEW ORLEANS BRIDGES	MISSISSIPPI RIVER BRIDGE AUTHORITY	11,074	11,400	5,457	-	-	1,003	-	3/ 6/ 100	6,560
MAINE	MAINE TURNPIKE ISLAND FERRY SERVICE	MAINE TURNPIKE AUTHORITY MAINE PORT AUTHORITY	29,915 555 30,510	1,535 - 1,535	- - -	31,250 1,040 32,290	- - -	2,260 259 2,319	1,420 - 1,420	49 1,685 1,734	34,979 2,784 37,763
MARYLAND	SUSQUEHANNA, POTOMAC, AND CHESAPEAKE BAY BRIDGES; BALTIMORE HARBOR TUNNEL AND BRIDGE; FT. McHENRY TUNNEL JOHN F. KENNEDY MEMORIAL HIGHWAY	MARYLAND TRANSPORTATION AUTHORITY MARYLAND TRANSPORTATION AUTHORITY	152,637 - 152,637	31,241 - 31,241	- - -	76,434 26,627 103,061	- - -	11,441 4,649 11,441	159 56 4,808	458 56 514	88,492 31,332 119,824
MASSACHUSETTS 2/	MAURICE J. TOBIN (MYSTIC RIVER) BRIDGE EAST BOSTON TUNNELS MASSACHUSETTS TURNPIKE SYSTEM	MASSACHUSETTS PORT AUTHORITY MASSACHUSETTS TURNPIKE AUTHORITY MASSACHUSETTS TURNPIKE AUTHORITY	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
MICHIGAN	BLUE WATER BRIDGE BLACK MAC BRIDGE SAULT STE. MARIE BRIDGE	MICHIGAN DEPARTMENT OF TRANSPORTATION MICHIGAN DEPARTMENT OF TRANSPORTATION INTERNATIONAL BRIDGE AUTHORITY OF MICHIGAN	9,308 677 9,985	507 507 -	- - -	2,407 2,800 3,453	- - -	274 61 335	115 115 -	- - -	2,407 5,137 3,629 11,170
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION	125,866	-	-	29,691	-	-	-	1,115	30,806

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1988

TABLE SF-38
SHEET 2 OF 2
OCTOBER 1989

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES		HIGHWAY-USER REVENUES	ROAD AND CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INVESTMENTS	CONCESSIONS AND RENTALS	MISCELLANEOUS RECEIPTS	TOTAL RECEIPTS
			RESERVES FOR CONSTRUCTION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE							
NEW JERSEY	VARIOUS TOLL BRIDGES	DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION	4,194	12,794	-	17,989	53,690	1,259	-	-	72,938
	ATLANTIC CITY EXPRESSWAY	NEW JERSEY EXPRESSWAY AUTHORITY	48,386	7,588	-	22,476	34,748	1,564	-	2,672	61,460
	DUKE UNIVERSITY	NEW JERSEY EXPRESSWAY AUTHORITY	55,386	121,933	-	121,933	75,000	11,800	9,358	2,201	219,399
	NEW JERSEY TURNPIKE SYSTEM	NEW JERSEY TURNPIKE AUTHORITY	1,761,323	309,634	-	185,931	-	161,284	11,842	3,329	362,386
	TOTAL		1,856,403	389,382	-	347,428	163,439	175,913	21,200	8,202	716,182
	NEW YORK	CORNWALL-HASSENA BRIDGE	ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION	362	-	-	1,612	-	13	67	7
	GEORGE WASHINGTON AND STATEN ISLAND BRIDGES:	PORT AUTHORITY OF NEW YORK AND NEW JERSEY	-	60,867	-	337,560	-	6,406	-	-	343,966
	KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEMOUGH-BEACON BRIDGES	NEW YORK STATE BRIDGE AUTHORITY	18,869	3,324	-	13,488	-	1,382	-	25	14,875
	DECATUR, WESCOTT BRIDGE	BUFFALO AND FT. ERIE PUBLIC BRIDGE AUTHORITY	-17,390	-	-	968	-	54	301	8	1,331
	PENE BRIDGE	ROCKVILLE BRIDGE AUTHORITY	10,757	285	-	6,826	-	990	2,088	363	10,267
	RAINBOW, LEWISTON-QUEENSTON, AND WHIRLPOOL RAPIDS BRIDGES	NIAGARA FALLS BRIDGE COMMISSION	7,397	3,182	-	5,600	-	500	2,172	-	9,272
	THOUSAND ISLANDS BRIDGES	THOUSAND ISLANDS BRIDGE AUTHORITY	1,138	1,387	-	4,313	-	15,512	7,148	1,149	29,362
	THOMAS E. DENEY THRUWAY	NEW YORK STATE THRUWAY AUTHORITY	147,567	73,649	-	269,807	-	24,857	11,776	8,919	686,705
TOTAL			168,720	143,294	-	641,154	-	-	-	-	14,807
NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	-	-	13,565	1,242	-	-	-	-	14,807
OHIO	OHIO TURNPIKE	OHIO TURNPIKE COMMISSION	48,698	206	2,034	81,605	-	3,549	5,748	1,015	93,951
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM	OKLAHOMA TURNPIKE AUTHORITY	44,020	26,018	-	48,866	-	2,611	1,004	-	52,481
OREGON	ASTORIA-PT. ELLICE BRIDGE	OREGON TRANSPORTATION COMMISSION	-	-	44	2,012	-	-	-	800	2,856
PENNSYLVANIA	DELAWARE RIVER BRIDGES	DELAWARE RIVER PORT AUTHORITY	89,282	35,351	-	81,724	-	7,347	25	-	89,096
	PENNSYLVANIA TURNPIKE SYSTEM	PENNSYLVANIA TURNPIKE COMMISSION	813,352	41,798	-	200,921	-	14,522	4,746	51	220,240
	TOTAL		902,634	77,149	-	282,645	-	21,869	4,771	51	309,336
	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY	13,945	-3,531	-	8,682	-	1,104	-	19	9,805
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	TENNESSEE DEPARTMENT OF TRANSPORTATION	-	-	294	37	-	-	-	-	331
TEXAS	MOUNTAIN CREEK LAKE BRIDGE	TEXAS TURNPIKE AUTHORITY	764	410	-	1,286	-	97	-	-	1,383
	HOUSTON SHIP CHANNEL BRIDGE	TEXAS TURNPIKE AUTHORITY	9,107	5,379	-	5,613	-	933	-	6	6,752
	DALLAS NORTH TOLLWAY	TEXAS TURNPIKE AUTHORITY	51,135	19,777	-	24,800	-	5,577	-	5/ 6,625	37,002
TOTAL		61,006	25,566	-	31,889	-	6,607	-	6,631	45,137	
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL	CHESAPEAKE BAY BRIDGE AND TUNNEL DISTRICT	26,390	5,242	382	27,252	-	2,128	-	376	30,138
	NORFOLK-VIRGINIA BEACH TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	20,625	1,582	-	10,617	-	55	-	1,140	11,812
	RICHMOND-PETERSBURG TURNPIKE	VIRGINIA DEPARTMENT OF TRANSPORTATION	39,429	-	-	24,910	-	2,244	-	6	27,160
	DULLES TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	8,597	2,381	-	15,792	-	114	-	-	16,976
	FAREWAY EXTENSION TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	35,352	4,898	2,425	1,501	-	-	-	2,224	42,977
	JAMESTOWN FERRY	VIRGINIA DEPARTMENT OF TRANSPORTATION	-	-	-	1,501	-	-	-	-	2,926
TOTAL		127,393	14,043	2,807	80,123	-	4,541	-	4,319	91,790	
WASHINGTON	HOOD CANAL BRIDGE, PUGET SOUND FERRY SYSTEM	WASHINGTON TOLL BRIDGE AUTHORITY	28,382	7,830	69,617	59,592	9,452	835	-	5/ 15,243	153,738
	MAPLE STREET (SPURNEY) BRIDGE	WASHINGTON TOLL BRIDGE AUTHORITY	1,085	147	-	1,087	-	71	-	-	1,138
TOTAL		30,067	7,977	69,617	59,659	9,452	906	-	15,243	154,876	
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	WEST VIRGINIA TURNPIKE COMMISSION	10,691	9,293	243	35,509	-	2,169	576	8/ 1,158	39,715
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES		631,787	211,634	101,492	858,974	113,265	55,061	7,672	19,541	1,156,005
	TOTAL ROAD FACILITIES		4,135,109	817,684	212,071	1,644,204	109,749	305,743	72,036	85,158	2,408,961
	TOTAL FERRY FACILITIES		595	-	16,509	17,383	-	59	7,216	50,363	91,530
	GRAND TOTAL		4,767,491	1,029,318	330,072	2,520,561	223,014	360,863	86,924	135,062	3,656,436

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-38 AND 48 ARE CONCERNED SOLELY WITH RECEIPTS FROM STATE AND QUASI-STATE TOLL FACILITIES, INCLUDING THE STATE-OWNED STATE AND (C) OTHER MAJOR FACILITIES THAT HAVE MORE THAN LOCAL IMPORTANCE. OTHER TOLL FACILITIES WHICH TOLL-FREE ARE INCLUDED WHERE BONDED INDEBTEDNESS IS STILL OUTSTANDING. MAINE (\$219,000 - UTAH), AND WASHINGTON (\$1,875,000 - COUNTIES). 5/ LOCAL TRANSFERS: KANSAS (\$2,213,000 - COUNTIES) AND TEXAS (\$4,765,000 - UTAH), AND WASHINGTON (\$1,875,000 - COUNTIES). 6/ FEDERAL FUNDS: LOUISIANA (\$67,000 - UTAH), MAINE (\$219,000 - UTAH), AND WASHINGTON (\$173,000 - UTAH). 7/ FEDERAL-FUND FACILITY DATA NOT REPORTED FOR MASSACHUSETTS. 8/ FEDERAL-AID FUNDS: NEW YORK (\$8,261,000) AND WEST VIRGINIA (\$1,149,000).

3/ GENERAL FUND APPROPRIATION: ALASKA (\$36,069,000), LOUISIANA (\$17,000), AND MAINE (\$219,000 - UTAH) FREED OCTOBER 1985.

Highway Statistics, 1988

LOCAL GOVERNMENT RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS - SUMMARY - 1987

TABLE LGF-21
AUGUST 1989

(THOUSANDS OF DOLLARS)

Table with columns: STATE, RECEIPTS (PROPERTY TAX, GENERAL FUND, LOCAL HIGHWAY-REVENUE, TOLLS, MISCELLANEOUS, BOND PROCEEDS (PAR), PAYMENTS FROM STATE GOVERNMENT, FEDERAL GOVERNMENT, TOTAL), DISBURSEMENTS (CAPITAL OUTLAY, MAINTENANCE, ADMINISTRATION AND POLICE, PAYMENTS TO STATES, BOND INTEREST, BOND RECEIPTION (PAR), TOTAL), and a final TOTAL column.

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

CHANGE IN INDEBTEDNESS DURING YEAR¹
COUNTY, TOWNSHIP OBLIGATIONS FOR HIGHWAYS - 1987

TABLE 1B-2
AUGUST 1988

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

STATE	TOTAL DEBT OUTSTANDING AT BEGINNING OF YEAR 2/	LONG TERM DEBT					SHORT TERM DEBT					TOTAL DEBT OUTSTANDING AT END OF YEAR
		AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		
			ORIGINAL	REFUNDING FUNDS SINKING NOTES	FROM CURRENT SINKING FUNDS	BY REFUNDING		FROM CURRENT SINKING FUNDS	EXTENSIONS	FROM CURRENT SINKING FUNDS	BY EXTENSIONS OR FUNDING	
ALABAMA 3/	54,948	7,760	-	19,428	-	3,219	924	-	2,387	-	1,756	41,817
ALASKA	106,084	-	-	4,001	-	102,083	-	-	-	-	-	102,083
ARIZONA 4/	41,890	-	-	2,095	-	39,795	-	-	-	-	-	39,795
ARKANSAS 4/	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	20,559	673	1,099	1,028	1,099	19,531	279	-	222	45	248	19,531
COLORADO	775,834	1,902	-	1,685	-	774,833	-	-	-	-	85	774,881
CONNECTICUT	280	-	-	329	-	1,683	-	-	-	-	-	1,948
DELAWARE 3/	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	481,356	9,956	-	39,272	-	430,740	2,187	-	12,879	-	10,610	441,350
GEORGIA	139,450	22,120	-	7,246	-	148,284	-	-	-	-	-	148,284
HAWAII	1,682	-	-	55	-	1,620	-	-	-	-	-	1,620
IOWA	8,813	-	-	14	-	8,827	-	-	-	-	-	8,827
ILLINOIS 4/	12,735	785	-	158	-	3,000	-	-	2,828	-	-	12,355
INDIANA	86,791	5,320	-	4,253	-	86,124	-	-	867	-	867	86,991
KANSAS 4/	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY	3,273	3,047	-	176	-	3,600	1,705	-	718	-	1,213	4,813
LOUISIANA 4/	168,783	1,251	-	6,922	-	163,112	189	-	95	-	94	163,206
MAINE	1,077	100	-	96,791	-	867	-	-	15	-	1,054	1,054
MARYLAND 3/	353,458	35,758	-	36,791	-	346,872	-	-	4,632	-	921	347,793
MASSACHUSETTS	3,807	2,666	-	511	-	2,239	2,132	-	2,019	-	1,254	3,493
MICHIGAN 4/	60,126	45,666	-	2,283	-	43,383	-	-	7,231	-	7,231	50,574
MINNESOTA 4/	42,958	41,999	-	4,075	-	41,297	437	-	480	-	724	42,958
MISSISSIPPI	60,876	60,057	-	9,683	-	64,982	-	-	532	-	-	65,706
MISSOURI	90,693	88,921	-	12,382	-	76,689	12,357	-	1,278	-	12,851	89,540
MONTANA	1,280	150	-	753	-	40,527	-	-	284	-	265	40,374
NEBRASKA	42,904	73,085	-	2,795	-	40,109	112	-	-	-	-	40,374
NEVADA	72,402	-	-	3,042	-	142,445	-	-	-	-	-	142,445
NEW HAMPSHIRE 4/	3,396	1,871	-	94	-	1,777	15,330	-	763	-	762	2,539
NEW JERSEY	16,722	8,552	-	2,460	-	10,644	-	-	-	-	-	34,144
NEW MEXICO	3,224	3,224	-	2,995	-	11,335	-	-	-	-	-	11,335
NEW YORK	497,327	418,445	-	59,313	-	356,132	-	-	18,924	-	62,958	419,090
NORTH CAROLINA 3/	20	20	-	20	-	-	-	-	-	-	-	1,019
NORTH DAKOTA	1,039	8,041	-	387	-	7,810	137	-	28	-	161	19,988
OHIO	17,819	2,228	98	2,746	98	9,491	6,618	2,532	4,721	2,532	11,386	
OKLAHOMA 5/	8,794	8,233	-	1,200	-	7,111	-	-	115	-	7,557	19,988
OREGON	27,240	17,795	-	3,225	-	41,810	-	-	-	-	-	41,810
PENNSYLVANIA 4/	45,595	45,595	-	2,280	-	43,215	-	-	-	-	-	43,215
RHODE ISLAND 4/	268	-	-	3,275	-	1,000	-	-	-	-	-	268
SOUTH CAROLINA	4,275	4,275	-	-	-	-	-	-	-	-	-	1,000
SOUTH DAKOTA	23,469	22,399	-	3,595	-	20,638	2,440	-	1,434	-	8,136	28,774
TENNESSEE	1,750,428	1,750,428	277,091	83,613	277,091	1,916,021	8	-	24	-	16	1,916,037
TEXAS	1,148	1,148	-	100	-	1,040	-	-	-	-	-	1,040
UTAH	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	1,929	1,853	-	982	-	2,965	284	-	1,777	-	183	3,148
VIRGINIA 3/ 4/	118,911	107,911	-	3,911	-	104,000	11,000	-	11,000	-	11,000	115,000
WASHINGTON	98,576	98,576	-	5,650	-	99,282	-	-	-	-	-	99,282
WEST VIRGINIA 3/	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	72,246	72,246	-	15,660	-	76,831	-	-	-	-	-	76,831
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5,385,158	5,187,427	450,733	278,288	349,067	278,288	56,139	18,582	73,698	18,582	160,172	5,449,265

1/ THIS TABLE SHOWS THE CHANGE IN STATUS OF THE HIGHWAY OBLIGATIONS OF COUNTY AND TOWNSHIP GOVERNMENTS INCLUDING TOLL AUTHORITIES. REFER TO NOTE 1 OF TABLE LF-1 FOR ADDITIONAL INFORMATION ON THE LOCAL HIGHWAY FINANCE SERIES.
2/ ANY DIFFERENCE BETWEEN AMOUNT OUTSTANDING AT THE BEGINNING OF THE YEAR AND THE AMOUNT OUTSTANDING AT THE END OF THE PREVIOUS YEAR MAY BE RESULTING FROM ONE OF THE FOLLOWING: CHANGES IN COUNTY-TOWNSHIP OR MUNICIPAL CLASSIFICATIONS, ACCOUNTING ADJUSTMENTS, CHANGE IN REPORTING YEAR, ETC.
3/ COUNTY ROADS ARE UNDER STATE CONTROL IN DELAWARE (EXCEPT TRANSACTIONS UNDER PROVISIONS OF THE 1945 SUBURBAN COMMUNITY ROAD ACT), NORTH CAROLINA, WEST VIRGINIA, TENNESSEE, AND TEXAS. COUNTY ROADS ARE UNDER STATE CONTROL IN ALABAMA, ALL BUT THREE COUNTIES IN VIRGINIA, AND IN WEST VIRGINIA. THE STATE HIGHWAY FINANCE SERIES.
4/ ESTIMATED BY FHWA.
5/ 1988 DATA.

CHANGE IN INDEBTEDNESS DURING YEAR¹
MUNICIPAL OBLIGATIONS FOR HIGHWAYS - 1987

TABLE UB-2
AUGUST 1988

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

STATE	TOTAL DEBT OUTSTANDING AT BEGINNING OF YEAR 2/				LONG TERM DEBT				SHORT TERM DEBT				TOTAL DEBT OUTSTANDING AT END OF YEAR
	AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED		REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR 2/	AMOUNT OUTSTANDING AT BEGINNING OF YEAR 2/	ISSUED	REDEEMED		AMOUNT OUTSTANDING AT END OF YEAR		
		ORIGINAL	REFUNDING BONDS, FUNDING NOTES	FROM CURRENT SINKING FUNDS	BY REFUNDING				FROM CURRENT SINKING FUNDS	BY EXTENSIONS OR FUNDING			
ALABAMA	33,786	4,360	-	15,334	-	337	-	-	304	-	33	22,508	
ALASKA	10,776	17,459	-	176,764	-	117	-	-	9	-	8	119,772	
ARIZONA 3/	27,769	258,206	-	7,377	-	12,553	-	-	6,282	-	6,281	336,227	
ARKANSAS 3/	10,820	83,700	-	12,960	-	10,279	-	-	-	-	-	10,279	
CALIFORNIA	348,462	133,181	-	17,423	25,507	4,600	530	-	3,521	-	1,609	484,220	
COLORADO	207,879	32,957	-	18,268	-	1,866	3,455	-	3,410	-	1,911	223,780	
CONNECTICUT	16,565	14,699	-	3,880	-	9,814	856	-	-	-	902	51,359	
DELAWARE 4/	7,866	7,820	-	1,593	-	46	-	-	-	-	-	10,716	
FLORIDA	104,845	58,229	-	22,169	-	2,370	6,550	-	2,428	-	6,492	145,027	
GEORGIA	24,343	2,400	-	1,691	-	-	-	-	-	-	-	25,142	
HAWAII	43,468	43,468	-	16,737	-	-	-	-	-	-	-	54,865	
IDAHO	1,818	29,315	-	1,827	-	-	-	-	-	-	-	1,727	
ILLINOIS 3/	178,534	7,750	-	10,989	-	680	-	-	340	-	340	174,955	
INDIANA	48,670	25,215	-	3,085	-	-	-	-	-	-	-	70,800	
IOWA	280,367	53,759	-	39,837	-	13,029	-	-	6,515	-	6,514	294,289	
KANSAS 3/	225,485	5,900	-	10,623	-	16	175	-	61	-	130	214,247	
KENTUCKY	6,150	39,986	-	11,327	-	4,807	-	-	2,023	-	2,023	4,937	
LOUISIANA 3/	239,809	17,729	-	11,789	-	4,025	-	-	2,023	-	2,023	269,832	
MARYLAND	34,998	4,910	-	3,054	-	968	127	-	21,283	-	968	49,776	
MASSACHUSETTS	55,186	22,513	-	8,334	-	6,175	4,876	-	7,611	-	3,440	66,570	
MICHIGAN 3/	51,752	43,360	-	2,588	-	92,524	-	-	-	-	-	92,524	
MINNESOTA	592,427	46,077	-	40,635	40,500	597,869	-	-	-	-	-	597,869	
MISSISSIPPI	100,163	22,053	-	112,473	-	-	-	-	-	-	-	112,473	
MISSOURI	97,818	-	-	11,455	-	-	-	-	-	-	-	86,363	
MONTANA	7,813	7,813	-	7,239	-	7,287	4,575	-	927	-	10,935	7,239	
NEBRASKA	208,224	200,937	-	32,386	-	207,864	-	-	-	-	-	219,259	
NEVADA	7,633	7,633	-	7,231	-	-	-	-	-	-	-	7,231	
NEW HAMPSHIRE 3/	25,112	2,208	-	1,237	-	23,509	-	-	183	-	183	23,692	
NEW JERSEY	10,076	13,632	-	2,202	-	97,444	98,752	-	-	-	196,196	199,834	
NEW MEXICO	13,966	13,966	-	1,170	-	12,790	-	-	-	-	-	12,790	
NEW YORK	1,902,249	1,788,691	160,416	109,243	187,620	113,558	5,358	-	29,888	-	89,028	1,928,892	
NORTH CAROLINA	66,640	34,462	-	5,565	-	360	-	-	110	-	250	95,427	
NORTH DAKOTA	140,244	298,150	-	17,051	-	19	-	-	19	-	90,203	388,828	
OHIO	372,348	9,421	-	7,946	2,576	74,198	34,805	10,196	18,800	10,196	-	56,460	
OKLAHOMA 3/	61,537	61,537	-	3,077	-	58,460	-	-	-	-	-	58,460	
OREGON	127,881	3,908	-	11,626	115	1,987	3,040	-	1,996	-	3,031	121,104	
PENNSYLVANIA 3/	116,797	-	-	5,940	-	118,073	-	-	-	-	-	110,104	
RHODE ISLAND 3/	66,536	4,047	-	3,215	-	60,256	-	-	-	-	-	63,266	
SOUTH CAROLINA	4,047	-	-	215	-	-	-	-	-	-	-	3,832	
SOUTH DAKOTA	14,962	1,793	-	2,859	-	628	242	-	341	-	-	13,836	
TENNESSEE	107,730	9,100	-	10,928	-	105,274	-	-	-	-	529	105,803	
TEXAS	2,156,051	337,216	-	119,777	82,221	2,413,490	-	-	-	-	-	2,413,490	
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	
VERMONT	411	64	-	78	-	-	-	-	-	-	-	387	
VIRGINIA 3/	284,654	53,620	-	9,315	-	328,989	-	-	-	-	-	328,989	
WASHINGTON	132,207	10,100	-	18,521	-	123,566	-	-	-	-	-	123,566	
WEST VIRGINIA	6,760	-	-	-	-	-	-	-	-	-	-	6,760	
WISCONSIN	426,981	73,173	-	60,732	-	439,422	-	-	-	-	9	439,422	
WYOMING	7,461	1,785	-	1,958	-	7,288	-	-	3	-	-	7,297	
TOTAL	9,648,797	1,423,803	350,602	711,314	346,502	10,001,661	163,353	185,697	106,074	185,697	421,004	10,422,665	

1/ THIS TABLE RECORDS THE CHANGE DURING THE YEAR IN HIGHWAY INDEBTEDNESS OF LOCAL MUNICIPAL GOVERNMENTS INCLUDING THAT OF MUNICIPAL UTILITIES. SEE TABLE LF-1, NOTE 1 FOR A SUMMARY OF LOCAL UTILITIES. 2/ AMOUNT OUTSTANDING AT THE BEGINNING OF THE YEAR AND THE 2 YEAR DIFFERENCE BETWEEN AMOUNT OUTSTANDING AT THE BEGINNING OF THE YEAR AND THE AMOUNT OUTSTANDING AT THE END OF THE PREVIOUS YEAR MAY HAVE RESULTED FROM: CHANGES IN COUNTY, TOWNSHIP AND MUNICIPAL CLASSIFICATIONS, ACCOUNTING ADJUSTMENTS, CHANGE IN REPORTING PROCEDURES, ETC. 3/ ESTIMATED BY FHWA. 4/ 1988 DATA.

LOCAL GOVERNMENT HIGHWAY CAPITAL OUTLAY - 1987¹

CLASSIFIED BY FUNCTIONAL SYSTEM

TABLE LDF-12
SEPTEMBER 1989

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

STATE	IN RURAL AREAS						IN URBAN AREAS 2/						TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	
ALABAMA	-	-	-	130	1,322	1,452	-	-	3,271	5,103	1,444	9,818	
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA 3/	-	-	-	33,500	16,356	49,856	2,796	1,692	211,331	147,850	58,027	420,004	
COLORADO	-	-	-	7,967	15,496	23,463	-	-	28,278	20,143	11,093	61,206	
CONNECTICUT	-	-	-	935	4,642	5,477	-	-	1,632	6,244	32,730	40,606	
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA	-	-	-	39,581	4,570	39,581	-	-	15	99,844	44,857	144,716	
GEORGIA	-	263	819	1,998	4,570	7,850	-	422	45,498	10,877	7,444	64,241	
HAWAII	-	-	824	1,077	264	2,165	-	-	3,198	3,244	5,817	12,259	
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS	-	-	34,370	19,668	1,811	55,849	240	-	338	39,582	22,945	63,106	
INDIANA	-	540	1,819	6,402	4,111	12,872	-	-	6,767	8,395	7,245	23,517	
IOWA	-	-	82,368	89,566	7,198	179,132	-	-	14,677	27,541	22,725	274,475	
KANSAS	-	148	28	3,329	310	4,415	-	22	2,336	590	928	3,876	
KENTUCKY	-	-	-	-	263	263	-	-	52	905	2,725	3,682	
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-	
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS	-	-	382	4,960	4,785	10,127	-	-	10,916	11,687	13,623	35,226	
MICHIGAN	-	-	-	33,100	65,333	98,433	-	-	10,648	59,398	94,400	162,231	
MINNESOTA	-	-	-	119,109	411	120,520	-	-	481	1,630	191,369	261,415	
MISSISSIPPI 3/	-	-	8	1,406	-	1,414	-	-	-	-	-	1,414	
MISSOURI	-	-	-	-	264	264	-	-	-	132	247	379	
MONTANA	-	-	96	480	10,192	29,786	-	3,115	7,679	18,824	6,494	36,112	
NEBRASKA	-	-	-	19,498	-	-	-	-	-	-	-	-	
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE	-	-	-	-	1,986	1,986	-	-	1,685	1,333	1,319	4,937	
NEW JERSEY	-	-	914	2,132	7,613	10,659	-	-	14,593	974	15,567	26,186	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK	-	1,240	1,995	34,240	58,117	95,592	11,242	49,397	60,088	199,804	87,735	428,266	
NORTH CAROLINA 3/	-	-	24	147	68	262	-	178	1,885	4,505	4,985	11,852	
NORTH DAKOTA	-	23	-	12,926	7,182	20,108	-	-	1,519	474	1,542	3,335	
OHIO	-	4,400	7,762	11,163	9,330	32,655	-	-	15,132	11,399	23,886	56,537	
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON	-	-	93	18,112	7,431	25,636	-	-	5,370	6,822	6,868	19,060	
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA	-	-	-	10,115	11,482	21,597	-	1,019	17,574	8,992	5,994	14,986	
TENNESSEE	-	-	-	-	44,220	44,220	-	-	4,839	11,214	11,214	34,646	
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH 3/	-	-	-	1,320	4,320	5,640	-	-	240	1,010	1,700	2,950	
VERMONT	-	-	52	1,818	2,284	4,168	-	14	317	591	958	1,880	
VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON	-	-	-	36,022	29,740	65,762	-	-	31,509	28,649	4,760	64,918	
WEST VIRGINIA	-	-	-	-	-	-	-	-	168	636	-	804	
WISCONSIN	-	-	-	-	3,315	3,315	-	-	1,865	2,022	1,986	5,873	
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	-	6,628	49,186	500,269	324,416	880,499	14,278	55,859	503,256	747,835	680,100	2,001,328	

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

2/ URBAN AREAS INCLUDE SMALL URBAN AND URBANIZED AREAS.

3/ 1988 DATA.

RECEIPTS OF COUNTY TOLL FACILITIES - 1987¹

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE LF-32
AUGUST 1989

STATE	NAME OF FACILITY	OPERATING AUTHORITY	ROAD AND CROSSING TOLLS	NET INVESTMENT INCOME	CONCESSIONS AND RENTALS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
CALIFORNIA	GOLDEN GATE BRIDGE	GOLDEN GATE BRIDGE AND HIGHWAY DISTRICT	26,841	-	-	1,180	-	28,021
COLORADO	E-470 BELTWAY	E-470 AUTHORITY	-	19	-	2/ 5,921	-	5,940
FLORIDA	BISCAYNE KEY (RICKENBACKER) CAUSEWAY	DADE COUNTY PORT AUTHORITY	4,314	293	-	95	-	4,702
	CARD SOUND TOLL BRIDGE	MONROE COUNTY	801	25	-	-	-	826
	SANIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY	LEE COUNTY	3,853	340	-	-	-	4,193
	VENETIAN CAUSEWAY 3/	DADE COUNTY PORT AUTHORITY	614	-	-	-	-	614
	TOTAL		9,582	658	-	95	-	10,335
ILLINOIS	NEW HARMONY BRIDGE	WHITE COUNTY BRIDGE COMMISSION	256	7	3	-	-	266
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	GREATER NEW ORLEANS EXPRESSWAY COMMISSION	5,980	183	-	4/ 6,802	-	12,965
MICHIGAN	DRUMMOND ISLAND FERRY 5/ IRONTON FERRY	CHIPPEWA COUNTY ROAD COMMISSION CHARLEVOIX COUNTY ROAD COMMISSION	508 66	- -	- -	475 19	- -	983 85
	TOTAL		574	-	-	494	-	1,068
MISSOURI	PLATTE PURCHASE BRIDGE ST. FRANCISVILLE BRIDGE	PLATTE COUNTY WAYLAND SPECIAL ROAD DISTRICT	449 230	14 2	18	-	-	481 232
	TOTAL		679	16	18	-	-	713
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	BURT COUNTY BRIDGE COMMISSION	190	12	8	-	-	210
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE TACONY-PALMYRA BRIDGE CAPE MAY COUNTY BRIDGES	BURLINGTON COUNTY BRIDGE COMMISSION BURLINGTON COUNTY BRIDGE COMMISSION CAPE MAY BRIDGE COMMISSION	2,825 6,795 2,548	- 625 205	- -	- 17 147	- -	2,825 7,437 2,900
	TOTAL		12,168	830	-	164	-	13,162
NEW YORK	ATLANTIC BEACH BRIDGE	NASSAU COUNTY BRIDGE AUTHORITY	2,984	141	-	-	-	3,125
PENNSYLVANIA	FREDERICKTOWN FERRY	FAYETTE/WASHINGTON COUNTY JOINT FERRY SERVICE	26	1	-	-	-	27
TENNESSEE	SALTILLO FERRY	HARDIN COUNTY HIGHWAY DEPARTMENT	11	-	-	58	-	69
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE SOUTH INTERNATIONAL TOLL BRIDGE SAN LUIS PASS-VACEK BRIDGE HARRIS COUNTY TOLL ROAD 5/	CAMERON COUNTY STARR COUNTY GALVESTON COUNTY HARRIS COUNTY TOLL ROAD AUTHORITY	2,875 497 382 709	- - - 5,576	- -	169 56 253	- -	3,044 553 635 254,810
	TOTAL		4,463	5,576	-	478	248,525	259,042
WASHINGTON	GUENES ISLAND FERRY LUMMI ISLAND-GOOSEBERRY POINT FERRY PUGET ISLAND FERRY STELLACOOM (TACOMA-MCNEIL-ANDERSON) FERRY	SKAGIT COUNTY WHATCOM COUNTY WARRIACUM COUNTY PIERCE COUNTY	199 275 77 240	- - - -	- -	396 340 159 625	- -	595 615 236 665
	TOTAL		791	-	-	1,520	-	2,311
GRAND TOTAL			64,545	7,443	29	16,712	248,525	337,254

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

2/ ARBITRAGE EARNINGS.
3/ RECEIPTS ESTIMATED BY FHWA.
4/ INCLUDES \$90 MILLION FROM STATE HIGHWAY FUND NUMBER 2.
5/ ESTIMATED BY FHWA IN 1987.
6/ OPENED TO TRAFFIC IN 1987.

DISBURSEMENTS FOR COUNTY TOLL FACILITIES - 1987¹

TABLE LF-42
AUGUST 1988

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

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	ADMINISTRATION AND MISCELLANEOUS	TRAFFIC POLICE	INTEREST	DEBT RETIREMENT	SUBTOTAL CURRENT DISBURSEMENTS	TRANSFERS Z/	TOTAL DISBURSEMENTS	DEBT OUTSTANDING	
											BEGINNING OF YEAR	AT END OF YEAR
CALIFORNIA	GOLDEN GATE BRIDGE	-	16,957	-	-	-	-	16,957	3/ 11,064	28,021	-	-
COLORADO	E-470 BELTWAY	4,527	-	1,213	-	-	-	5,740	-	5,740	4/ -	4/ -
FLORIDA	BISCAYNE KEY (RICKENBACKER) CAUSEWAY	1,362	879	542	-	1,566	360	4,749	-	4,749	18,924	18,544
	CARD SOUND TOLL BRIDGE	-	473	15	-	16	-	504	-	504	1,003	1,003
	SANIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY	-	497	263	-	457	258	1,475	460	1,935	6,966	6,710
	VENETIAN CAUSEWAY	3	403	208	-	-	-	614	-	614	-	-
	TOTAL	1,365	2,252	1,028	-	2,039	638	7,342	460	7,802	26,893	26,257
ILLINOIS	NEW HARMONY BRIDGE	7	106	100	-	-	-	213	-	213	-	-
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	1,314	3,117	1,324	356	5,627	1,601	13,339	-	13,339	88,641	87,040
MICHIGAN	DRUMMOND ISLAND FERRY 5/	-	775	150	-	-	-	925	-	925	-	-
	TRONTON FERRY	66	58	7	-	-	-	131	-	131	-	-
	TOTAL	66	833	157	-	-	-	1,056	-	1,056	-	-
MISSOURI	PLATTE PURCHASE BRIDGE	-	155	74	-	135	164	528	-	528	2,725	2,561
	ST. FRANCISVILLE BRIDGE	4	49	127	-	4	33	217	25	242	33	-
	TOTAL	4	204	201	-	139	197	745	25	770	2,758	2,561
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	-	87	17	-	88	291	483	-	483	1,403	1,112
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE	-	3,449	534	311	-	-	4,294	5	4,299	-	-
	TACONT-PALATRA BRIDGE	-	4,417	1,123	717	-	-	6,257	46	6,303	-	-
	CAPE MAY COUNTY BRIDGES	-	1,287	725	-	26	165	2,203	-	2,203	705	540
	TOTAL	-	9,153	2,382	1,028	26	165	12,754	51	12,805	705	540
NEW YORK	ATLANTIC BEACH BRIDGE	-	1,216	580	-	257	25	2,078	-	2,078	1,920	1,895
PENNSYLVANIA	FREDERICKTOWN FERRY	-	25	5	-	-	-	30	-	30	-	-
TENNESSEE	SALTILLO FERRY	-	66	3	-	-	-	69	-	69	-	-
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE	709	330	151	-	3	-	1,193	1,899	3,092	40	40
	ROMA INTERNATIONAL TOLL BRIDGE	-	121	95	-	75	20	311	259	570	1,005	985
	SAN LUIS PASS-VACEK BRIDGE	9	173	32	-	79	200	493	-	493	1,350	1,750
	HARRIS COUNTY TOLL ROAD	148,596	543	2,628	-	111,328	298,525	561,620	-	561,620	1,147,500	1,097,500
	TOTAL	149,314	1,167	2,906	-	111,485	298,745	563,617	2,158	565,775	1,150,495	1,100,275
WASHINGTON	GUEMES ISLAND FERRY	-	595	-	-	-	-	595	-	595	-	-
	LUMMI ISLAND-GOOSEBERRY POINT FERRY	-	527	-	-	-	-	515	-	515	-	-
	PUGET ISLAND FERRY	-	236	-	-	-	-	236	-	236	-	-
	STELLACOOM (TACOMA-MCNEIL-ANDERSON) FERRY	192	673	-	-	-	-	865	-	865	-	-
	TOTAL	290	2,031	-	-	-	-	2,311	-	2,311	-	-
GRAND TOTAL		156,897	37,214	9,916	1,364	119,661	301,662	626,734	13,758	640,492	1,272,815	1,219,660

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

2/ PAYMENTS TO COUNTY GENERAL FUNDS FOR HIGHWAY AND OTHER PURPOSES.
 3/ FOR MASS TRANSPORTATION PURPOSES.
 4/ OMMITS \$722 MILLION OF ARAPAHOE COUNTY BONDS HELD IN ESCROW.
 5/ ESTIMATED BY FHRR.

RECEIPTS OF MUNICIPAL TOLL FACILITIES - 1987¹

COMPILED FROM REPORTS OF STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

TABLE UF-32
AUGUST 1989

STATE	NAME OF FACILITY	OPERATING AUTHORITY	ROAD AND CROSSING TOLLS	NET INVESTMENT INCOME	CONCESSIONS AND RENTALS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
COLORADO	PIKES PEAK TOLL HIGHWAY	CITY OF COLORADO SPRINGS	784	48	31	16	-	879
FLORIDA	BROAD CAUSEWAY 2/ CLEARWATER TOLL BRIDGE TREASURE ISLAND CAUSEWAY TOTAL	TOWN OF BAY HARBOR ISLANDS CITY OF CLEARWATER CITY OF TREASURE ISLAND	1,642 940 1,093 3,675	95 138 206 439	55 - - 55	3 2 1 6	9 - - 9	1,804 1,080 1,300 4,184
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE CHESTER (MISSISSIPPI RIVER) BRIDGE MCKINLEY BRIDGE MARTIN LUTHER KING (VETERANS MEMORIAL) BRIDGE 3/ ROCK ISLAND CENTENNIAL BRIDGE TOTAL	CITY OF CHICAGO CITY OF CHESTER CITY OF VENICE CITY OF EAST ST. LOUIS CITY OF ROCK ISLAND	12,093 634 2,264 317 1,484 16,732	137 25 115 - 72 349	136 - 252 - - 388	- - 4/ 7,143 - 7,143	- - - - - -	12,306 659 2,631 7,460 1,556 24,612
IOWA	MACARTHUR (BURLINGTON) BRIDGE 5/	CITY OF BURLINGTON	828	192	-	5	-	1,025
MINNESOTA	BRUDETTE-RAINY RIVER INTERNATIONAL BRIDGE	VILLAGE OF BRUDETTE	253	5	14	11	-	283
MISSOURI	BROADWAY BRIDGE	CITY OF KANSAS CITY	1,731	364	-	-	-	2,095
NEBRASKA	BELLEVUE BRIDGE	BELLEVUE BRIDGE COMMISSION	377	13	1	1	-	392
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS 6/ BATTERY STATEN ISLAND FERRY TOTAL	TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY CITY OF NEW YORK	515,762 3,286 519,048	19,551 - 19,551	16,862 1,774 18,636	- 7/ 25,885 25,885	187,620 - 187,620	739,795 30,945 770,740
OREGON	CASCADE LOCKS BRIDGE HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE TOTAL	PORT OF CASCADE LOCKS COMMISSION PORT OF HOOD RIVER COMMISSION	430 1,055 1,485	- - -	- - -	- - -	81 115 196	511 1,170 1,681
TEXAS	DEL RIO INTERNATIONAL BRIDGE EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE LAREDO-NUEVO LAREDO INTERNATIONAL BRIDGE MCALLEN INTERNATIONAL TOLL BRIDGE EL PASO INTERNATIONAL BRIDGE TOTAL	CITY OF DEL RIO CITY OF EAGLE PASS CITY OF LAREDO CITY OF MCALLEN CITY OF EL PASO	686 1,187 5,663 2,212 1,403 11,151	- - - - - -	- - - - - -	187 109 262 722 - 1,280	3,700 - - 1,700 - 5,400	4,573 1,296 5,925 4,634 1,403 17,831
VIRGINIA	SOUTH NORFOLK BRIDGE 2/ RICHMOND EXPRESSWAY SYSTEM TOTAL	CITY OF CHESAPEAKE RICHMOND METROPOLITAN AUTHORITY	775 10,935 11,710	150 1,470 1,620	- - -	40 20 60	- 15,565 15,565	965 27,990 28,955
WEST VIRGINIA	PARKERSBURG BRIDGE 2/	CITY OF PARKERSBURG	875	42	-	235	-	1,152
GRAND TOTAL			568,649	22,623	19,125	34,642	208,790	853,829

1/ THIS TABLE IS CONCERNED WITH THE RECEIPTS FOR PUBLICLY OWNED TOLL FACILITIES OPERATED BY MUNICIPALITIES, LOCAL ROAD AND BRIDGE DISTRICTS AND SPECIALLY CREATED AUTHORITIES. FOR ADDITIONAL INFORMATION CONCERNING THE LOCAL HIGHWAY FINANCE SERIES, SEE NOTE 1 OF TABLE LF-1.
 2/ ESTIMATED BY FHWA.
 3/ MARTIN LUTHER KING BRIDGE WAS FREED AS OF MARCH 31, 1987.
 4/ PAID BY THE CITY OF EAST ST. LOUIS.
 5/ KEOKUK MUNICIPAL BRIDGE WAS FREED AS OF NOVEMBER 1985.
 6/ PARKING FEES FROM BATTERY AND COLISEUM GARAGES ARE INCLUDED WITH RENTALS.
 7/ THE \$25,885,730 IN THE MISCELLANEOUS COLUMN INCLUDES \$9,883,317 IN STATE AID AND \$16,002,413 AS A SUBSIDY FROM NEW YORK CITY.

DISBURSEMENTS FOR MUNICIPAL TOLL FACILITIES - 1987¹

TABLE UF-42
AUGUST 1989

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	ADMINIS- TRATION AND MISCELL- LANEUS	INTEREST	DEBT RETIRE- MENT	SUBTOTAL CURRENT DISBURSE- MENTS	TRANSFERS 2/	TOTAL DISBURSE- MENTS	DEBT OUTSTANDING	
										BEGINNING OF YEAR	AT END OF YEAR
COLORADO	PIKES PEAK TOLL HIGHWAY	-	672	264	2	28	966	-	966	28	-
FLORIDA	BROAD CAUSEWAY 3/ CLEARWATER TOLL BRIDGE TREASURE ISLAND CAUSEWAY	15	1,100 416 423	210 208 198	6 278 204	7 219 87	1,338 1,121 912	-	1,338 1,121 912	76 6,095 1,554	78 5,876 1,467
	TOTAL	15	1,939	616	488	313	3,371	-	3,371	7,725	7,421
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE CHESTER (MISSISSIPPI RIVER) BRIDGE MCKINLEY BRIDGE MARTIN LUTHER KING (VETERANS MEMORIAL) BRIDGE 4/ ROCK ISLAND CENTENNIAL BRIDGE	240	4,900 120 808 216 558	2,364 311 75 30 250	4,000 7 440 3,250 91	- 35 714 3,950 185	10,904 484 2,519 7,460 1,422	-	10,904 484 2,519 7,460 1,422	101,000 190 11,510 1,385	101,000 190 11,510 1,385
	TOTAL	1,085	6,002	3,030	7,788	4,884	22,789	-	22,789	122,259	114,050
IOWA	MACARTHUR (BURLINGTON) BRIDGE 5/	-	288	124	55	185	652	-	652	1,159	974
MINNESOTA	BAUDETTE-RAINY RIVER INTERNATIONAL BRIDGE	-	74	73	4	128	279	-	279	212	84
MISSOURI	BROADWAY BRIDGE	-	383	147	164	455	1,149	-	1,149	2,755	2,300
NEBRASKA	BELLEVUE BRIDGE	-	138	15	188	-	341	-	341	2,800	2,800
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS BATTERY-STATEN ISLAND FERRY	11,242	95,209 28,572	22,333 4,274	31,508 467	212,675	373,067 31,413	6/ 381,772	754,839 31,413	774,398 6,676	749,343 6,676
	TOTAL	11,242	121,881	26,607	32,075	212,675	404,480	381,772	786,252	781,074	756,019
OREGON	CASCADE LOCKS BRIDGE HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE	-	107 141	80 129	11 12	11 218	209 502	-	209 502	209 218	279 115
	TOTAL	2	248	209	23	229	711	-	711	427	394
TEXAS	DEL RIO INTERNATIONAL BRIDGE EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE LAREDO-NUUEVO LAREDO INTERNATIONAL BRIDGE MCALLEN INTERNATIONAL TOLL BRIDGE EL PASO INTERNATIONAL BRIDGE	2,209	99 188 501 289 224	255 165 435 329 197	- 8 790 424	- 1 220 850	2,563 362 2,039 2,943 421	300 690 3,590 1,015 982	2,863 1,052 5,629 3,958 1,403	- 171 9,440 4,930	3,700 170 9,220 5,780
	TOTAL	3,353	1,301	1,381	1,222	1,071	8,328	6,577	14,905	14,541	18,870
VIRGINIA	SOUTH NORFOLK BRIDGE 3/ RICHMOND EXPRESSWAY SYSTEM	-	575 1,938	100 1,408	6,746	1,079	675 12,042	-	675 12,042	122,996	137,482
	TOTAL	871	2,513	1,508	6,746	1,079	12,717	-	12,717	122,996	137,482
WEST VIRGINIA	PARKERSBURG BRIDGE 3/	-	190	175	338	-	703	-	703	6,760	6,760
GRAND TOTAL		16,568	135,629	34,149	49,093	221,047	456,486	388,349	844,835	1,062,736	1,047,154

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

3/ ESTIMATED BY FHWA.
4/ MARTIN LUTHER KING BRIDGE WAS FREED AS OF MARCH 31, 1987.
5/ KEOKUK MUNICIPAL BRIDGE WAS FREED AS OF NOVEMBER 1985.
6/ THE TRANSFERS COLUMN INCLUDES PAYMENTS TO NEW YORK CITY TRANSIT
AUTHORITY, METROPOLITAN TRANSPORTATION AUTHORITY, AND NEW YORK CITY OF
\$202,221,000, \$171,661,000, AND \$7,690,000 RESPECTIVELY.

ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

This section contains data on the extent, physical, operational and usage characteristics, and performance of public roads and streets existing in the United States as of December 31, 1988.

EFFECTS OF CHANGES IN DATA REPORTING PROCEDURES

The 1988 data are based on the Highway Performance Monitoring System (HPMS). The HPMS comprises a combination of sample data on performance and physical characteristics of facilities functionally classified as arterials and collectors, and system-type data for all public road and street facilities within each State. A few States were not able to report complete 1988 HPMS data. Where this is true, the States provided aggregate areawide totals, and the included tables have utilized these data to the extent possible. Footnotes have been included where appropriate to explain missing data or data which have been estimated from previously available data.

MODIFICATIONS TO TABLES

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

The tables have been organized into three general areas:

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

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

3. Mileage by functional system—tables HM-50, HM-51, HM-53, HM-55, HM-57, HM-59, HM-61, HM-63, and HM-67. Because of the importance of functional classification of highways, as demonstrated by the fact that Federal-aid system determination utilizes functional classification as a base, an entire series of tables containing public road mileage is included to provide the geometric and performance attributes of the highways included in the various functional systems.

The HPMS consists of sample data only on the arterial and collector functional systems, and therefore, highways functionally classified as local are included in only two tables (HM-50 and HM-67) in this series.

EXISTING MILEAGE

Table HM-10 shows the total mileage of roads and streets in the United States, classified by jurisdiction. It is comparable to table M-1 included in pre-1980 publications except for the replacement of rural-municipal breakdowns by rural and urban categories. Unlike the years prior to 1980, mileage not classified as public road mileage, in accordance with 23 U.S.C. 402, is excluded. All tables in this publication now exclude nonpublic road mileage. Table HM-12, replacing pre-1980 table M-2, lists nationwide aggregate mileages by surface type and functional system. Table HM-14 replaces pre-1980 table M-4 and lists mileage by State, Federal-aid system, and jurisdiction. Table HM-15 contains mileage by Federal-aid system, and is in the same format as its companion travel table, table VM-3. Table HM-16 is another nationwide aggregate table replacing pre-1980 table M-21. Again, the replacement of rural/municipal data by rural/urban is evident. Another nationwide aggregate table, HM-18, lists mileage by Federal-aid and functional system, and, except for expansion to include small urban and urbanized area summaries as well as total urban, is a direct replacement of pre-1980 table M-21A. Table HM-20, replacing pre-1980 table M-12, Total Road and Street Mileage Classified by Federal-aid System and Functional Classification, now lists all public road mileage by State and functional system. The table is in the same format as table VM-2 and provides the mileage that corresponds to the travel shown in that table.

The increase in total road and street mileage by construction is relatively small each year. Most construction is for the improvement of existing highways and streets, such as resurfacing those previously surfaced, widening pavements, reducing grades, minimizing curves, eliminating grade crossings, and other improvements that provide safer, more efficient highways having greater traffic and load-bearing capacities.

Roads in Federal parks, forests, and reservations are generally part of the State and local systems and are included with the mileages reported for those systems. Only the mileage directly under Federal control is reported in the column or line labeled as such in tables HM-10, HM-12, HM-14, HM-16, and HM-50.

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

Surface types

The classification used in the tables identifies only the visible surface types on existing streets and roadways. Many highways, either by original design or because of reconstruction, consist of more than one major type of construction material. No data relative to vertical composition are presented. Surface type classifications provide a brief description rather than an alphanumeric classification as was done in the past. Footnotes are provided in each applicable table to provide definitions in terms of previously used surface classifications.

Administrative categories

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

FEDERAL-AID SYSTEM MILEAGE

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

System realignment

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

Federal-aid Primary System

The Federal-aid Primary System was authorized by the Federal Highway Act of 1921. Originally, the system mileage in each State was limited to seven percent of the rural road mileage existing in the State at the time the 1921 Act was enacted but, under specified conditions, this proportion could be increased. The 1976 Federal-aid systems realignment legislation (1973 Act) removed this limitation.

Interstate System

The National System of Interstate and Defense Highways was originally established by the Federal-aid Highway Act of

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

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

National Network for Trucks

The National Network for Trucks was established by the Surface Transportation Assistance Act of 1982 dated January 6, 1983. The Network includes the Interstate System (with minor exceptions) plus approximately 50 percent, nationwide, of the non-Interstate portion of the Federal-aid Primary System. The Network allows the operation of truck-tractor and 48-foot trailer combinations and truck-tractor and 28-foot twin trailer combinations up to 102 inches wide, with no overall length limitations.

Federal-aid Secondary System

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

Federal-aid Urban System

The Federal-aid Urban System was first authorized by the Federal-aid Highway Act of 1970. Its definition was modified by the Federal-aid Highway Act of 1973. The Urban System was established in each urbanized area, as designated by the Bureau of the Census, and in such urban areas as the State highway departments may designate. The system serves major centers of activity and includes high traffic volume arterial and collector routes, including access roads to airports and other transportation terminals, so as to serve the goals and objectives of the community. Designation of the system is subject to the approval of the Federal Highway Administration.

Mileage characteristics

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

representation of the characteristics of each Federal-aid system.

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

Count of bridges

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

MILEAGE BY FUNCTIONAL SYSTEM

The functional systems used in tables HM-50 through HM-67 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 system mileages are listed by jurisdiction, surface type, lane width, traffic lanes, access control, and traffic volume in tables HM-50 through HM-59.

Volume-service flow ratio

Table HM-61 provides a listing by State of the mileage for each rural and urban arterial and collector functional system for various ranges of volume-service flow ratio. These data are expanded from peak service flow (capacity) data reported on or calculated from the 1988 HPMS sample sections, and are a useful measure of traffic congestion existing on the States' functionally classified facilities.

Pavement condition

Table HM-63 replaces 1979 table HP-1. The present serviceability rating (PSR), as reported in HPMS, is used to group the data into various categories of pavement condition. Because of higher standards, the ranges of PSR under the Interstate grouping vary slightly from the ranges for the other functional systems. PSR is a numerical value ranging from zero to five, reflecting poor pavement condition at the lower end of the scale and very good pavement condition at the higher values.

Lane mileage

Table HM-60 contains rural and urban arterial and collector lane mileage by functional system as well as lane mileage for the non-Interstate portion of the Federal-aid Primary System.

Count of bridges

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

Local functional system

Table HM-67 displays local functional system mileage by average daily traffic (ADT) category and surface type. These data are supplied by the States in the areawide (aggregate) data portion of their HPMS submittals.

Interstate functional system

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

HIGHWAY USAGE CHARACTERISTICS

Table VM-1 shows the estimated travel in 1988 and revised figures for 1987 by passenger cars, motorcycles, buses, and trucks on the rural Interstate System, other arterial rural roads, other rural roads, urban Interstate System and other urban streets. The rural road and urban street categories are based on a summary of highway functional systems contained in table VM-2. The other arterial rural 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.

In addition, table VM-1 shows the number of vehicles registered by type and total fuel consumption. Also included are the calculated average annual miles of travel, average miles traveled per gallon and average fuel consumption for each vehicle type. This highway use of motor fuel and the motor-vehicle registrations shown in table MF-21 and table MV-1 of this publication are used in obtaining the related items of average miles traveled per vehicle, average fuel consumption per vehicle, and average miles traveled per gallon of fuel consumed. Numerous factors are considered in estimating the fuel consumption of each major vehicle group. These include the number of vehicles of each type, the characteristics of equipment that affect fuel consumption, and the operating weight distribution of the vehicles.

Table VM-2 summarizes the States' estimated highway travel based on traffic counts taken along selected functional system highway sections which are grouped into categories, or systems, according to the character of service they provide. The functional systems are: (1) arterial highways, which generally handle the long trips, (2) collector facilities, which collect and disperse traffic between the arterials and the bottom level, and (3) local roads and streets, which serve the residential areas, individual farms, and other local areas.

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

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

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

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

Table TC-3 along with the graph, Comparison of Growth in Volumes and Loadings on the Rural Interstate System, shows the interrelationship between vehicle types and axle loadings. The data for each of the vehicle types are from the Truck Weight Study. Truck Weight Study data are collected for 1 day each year, normally in the summer, and are not adjusted to typify annual system averages.

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

PUBLIC ROAD AND STREET MILEAGE - 1988¹

CLASSIFIED BY FEDERAL-AID AND ADMINISTRATIVE SYSTEMS

TABLE HM-16
SEPTEMBER 1989

ADMINISTRATIVE SYSTEM	FEDERAL-AID SYSTEM						NON-FEDERAL-AID	TOTAL
	INTERSTATE 2/	PRIMARY 3/	URBAN	SECONDARY	TOTAL			
RURAL:								
STATE CONTROLLED ROADS 4/	33,303	224,171	-	196,414	453,888	229,017	682,905	
COUNTY ROADS	-	704	-	193,432	194,136	1,392,918	1,587,054	
TOWN AND TOWNSHIP ROADS	-	280	-	5,127	5,407	437,998	442,998	
OTHER LOCAL GOVERNMENTAL ROADS	-	82	-	4,144	4,226	214,595	218,821	
STATE PARK AND FOREST ROADS	-	40	-	38	78	16,052	16,130	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	447	-	926	1,373	182,388	183,761	
TOTAL RURAL	33,303	225,724	-	400,081	659,108	2,472,551	3,131,669	
PERCENT - RURAL	1.1	7.2	-	12.7	21.0	79.0	100.0	
SMALL URBAN AREAS:								
STATE CONTROLLED ROADS 4/	1,322	11,259	7,733	-	20,314	4,559	24,873	
COUNTY ROADS	-	54	4,488	-	4,542	9,254	13,796	
TOWN AND TOWNSHIP ROADS	-	9	2,373	-	2,382	8,411	10,793	
OTHER LOCAL GOVERNMENTAL ROADS	-	417	16,416	-	16,833	86,909	103,742	
STATE PARK AND FOREST ROADS	-	-	2	-	2	61	63	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	3	29	-	32	188	220	
TOTAL SMALL URBAN AREA	1,322	11,742	31,041	-	44,105	109,382	153,487	
PERCENT - SMALL URBAN	0.9	7.7	20.1	-	28.7	71.3	100.0	
URBANIZED AREAS:								
STATE CONTROLLED ROADS 4/	10,004	20,310	26,163	-	56,477	13,105	69,582	
COUNTY ROADS	-	203	22,938	-	23,141	53,026	76,167	
TOWN AND TOWNSHIP ROADS	-	52	5,749	-	5,801	33,644	39,445	
OTHER LOCAL GOVERNMENTAL ROADS	-	942	61,004	-	61,946	337,700	399,646	
STATE PARK AND FOREST ROADS	-	77	94	-	171	223	394	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	19	46	-	65	688	753	
TOTAL URBANIZED AREA	10,004	21,603	115,994	-	147,601	438,386	585,987	
PERCENT - URBANIZED	1.7	3.7	19.8	-	25.2	74.8	100.0	
TOTAL URBAN:								
STATE CONTROLLED ROADS 4/	11,326	31,569	33,896	-	76,791	17,664	94,455	
COUNTY ROADS	-	257	27,426	-	27,683	62,280	89,963	
TOWN AND TOWNSHIP ROADS	-	61	8,122	-	8,183	42,055	50,238	
OTHER LOCAL GOVERNMENTAL ROADS	-	1,359	77,420	-	78,779	424,609	503,388	
STATE PARK AND FOREST ROADS	-	77	96	-	173	284	457	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	22	75	-	97	876	973	
TOTAL URBAN	11,326	33,345	147,035	-	191,706	547,768	739,474	
PERCENT - URBAN	1.5	4.5	19.9	-	25.9	74.1	100.0	
TOTAL RURAL AND URBAN	44,629	259,069	147,035	400,081	850,814	3,020,329	3,871,143	
PERCENT - TOTAL	1.2	6.7	3.8	10.3	22.0	78.0	100.0	

1/ AS SUMMARIZED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) UNIVERSE DATA FROM REPORTS OF 51 STATES (48 FOR 1988 AND 3 FOR 1987). FACTORED TO NATIONWIDE 1988 LEVELS. BECAUSE OF THE FACTORING PROCEDURES USED, INDIVIDUAL DATA COMPONENTS FOR THIS TABLE MAY NOT BE COMPATIBLE AMONG THE VARIOUS MILEAGE TABLES.

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

3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

4/ DOES NOT INCLUDE STATE PARK AND FOREST ROADS.

PUBLIC ROAD AND STREET MILEAGE - 1988¹
CLASSIFIED BY FEDERAL-AID AND FUNCTIONAL SYSTEMS

MILEAGE AS OF DECEMBER 31, 1988
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-18
 SEPTEMBER 1989

FUNCTIONAL SYSTEM	FEDERAL-AID SYSTEM					NON-FEDERAL-AID	TOTAL
	INTERSTATE ^{2/}	PRIMARY ^{3/}	URBAN	SECONDARY	TOTAL		
RURAL:							
PRINCIPAL ARTERIAL:							
INTERSTATE	33,303	-	-	-	33,303	-	33,303
OTHER	-	80,068	-	-	80,068	710	80,778
SUBTOTAL	33,303	80,068	-	-	113,371	710	114,081
MINOR ARTERIAL	-	145,656	-	-	145,656	1,800	147,456
MAJOR COLLECTOR	-	-	-	400,081	400,081	36,186	436,267
MINOR COLLECTOR	-	-	-	-	-	294,072	294,072
SUBTOTAL	-	-	-	400,081	400,081	330,258	730,339
LOCAL	-	-	-	-	-	2,139,793	2,139,793
TOTAL - RURAL	33,303	225,724	-	400,081	659,108	2,472,561	3,131,669
SMALL URBAN:							
PRINCIPAL ARTERIAL:							
INTERSTATE	1,322	-	-	-	1,322	-	1,322
OTHER FREEWAYS AND EXPRESSWAYS	-	1,155	28	-	1,183	6	1,189
OTHER	-	9,932	2,974	-	12,906	297	13,203
SUBTOTAL	1,322	11,087	3,002	-	15,411	303	15,714
MINOR ARTERIAL	-	655	14,320	-	14,975	2,067	17,042
COLLECTOR	-	-	13,719	-	13,719	5,226	18,945
LOCAL	-	-	-	-	-	101,786	101,786
TOTAL - SMALL URBAN	1,322	11,742	31,041	-	44,105	109,382	153,487
URBANIZED:							
PRINCIPAL ARTERIAL:							
INTERSTATE	10,004	-	-	-	10,004	-	10,004
OTHER FREEWAYS AND EXPRESSWAYS	-	5,231	740	-	5,971	395	6,366
OTHER	-	15,290	21,936	-	37,226	526	37,752
SUBTOTAL	10,004	20,521	22,676	-	53,201	921	54,122
MINOR ARTERIAL	-	1,082	51,827	-	52,909	4,977	57,886
COLLECTOR	-	-	41,491	-	41,491	17,134	58,625
LOCAL	-	-	-	-	-	415,354	415,354
TOTAL - URBANIZED	10,004	21,603	115,994	-	147,601	438,386	585,987
TOTAL URBAN:							
PRINCIPAL ARTERIAL:							
INTERSTATE	11,326	-	-	-	11,326	-	11,326
OTHER FREEWAYS AND EXPRESSWAYS	-	6,386	768	-	7,154	401	7,555
OTHER	-	25,222	24,910	-	50,132	823	50,955
SUBTOTAL	11,326	31,608	25,678	-	68,612	1,224	69,836
MINOR ARTERIAL	-	1,737	66,147	-	67,884	7,044	74,928
COLLECTOR	-	-	55,210	-	55,210	22,360	77,570
LOCAL	-	-	-	-	-	517,140	517,140
TOTAL - URBAN	11,326	33,345	147,035	-	191,706	547,768	739,474
TOTAL - RURAL AND URBAN	44,629	259,069	147,035	400,081	850,814	3,020,329	3,871,143

1/ AS SUMMARIZED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) UNIVERSE DATA FROM REPORTS OF 51 STATES (48 FOR 1988 AND 3 FOR 1987). FACTORED TO NATIONWIDE 1988 LEVELS. BECAUSE OF THE FACTORING PROCEDURES USED, INDIVIDUAL DATA COMPONENTS FOR THIS TABLE MAY NOT BE COMPATIBLE AMONG THE VARIOUS MILEAGE TABLES.

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

3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

PUBLIC ROAD AND STREET MILEAGE - 1988
CLASSIFIED BY FEDERAL-AID SYSTEM AND JURISDICTION

TABLE HM-14
SHEET 1 OF 3
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	FEDERAL-AID PRIMARY HIGHWAY SYSTEM - RURAL						FEDERAL-AID PRIMARY HIGHWAY SYSTEM - URBAN						TOTAL FEDERAL- AID PRIMARY HIGHWAY MILEAGE
	UNDER STATE CONTROL	UNDER LOCAL CONTROL				TOTAL	UNDER STATE CONTROL	UNDER LOCAL CONTROL				TOTAL	
		COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS	TOTAL			COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS	TOTAL		
ALABAMA	6,420	-	3	45	6,509	1,100	1	-	15	1,116	7,625		
ALASKA 3/ 4/	1,986	-	-	-	1,986	1,986	-	-	-	2,074	2,074		
ARIZONA 5/	4,307	2	-	-	4,309	353	-	-	-	353	4,662		
ARKANSAS 3/	5,155	-	-	-	5,155	600	-	-	-	600	5,755		
CALIFORNIA	10,713	46	-	46	10,942	2,532	1	1	-	2,534	13,476		
COLORADO	4,625	-	-	-	4,625	597	-	-	-	5,222	5,222		
CONNECTICUT	7,997	-	-	-	7,997	910	-	-	-	810	1,602		
DELAWARE	333	-	-	-	334	142	-	-	-	142	476		
DIST. OF COL.	-	-	-	-	-	192	-	-	-	192	192		
FLORIDA	6,736	25	-	25	6,760	2,972	3	-	9	2,694	9,444		
GEORGIA	9,286	69	1	69	9,457	1,793	64	21	86	1,679	11,536		
HAWAII	388	5	-	5	393	156	1	-	1	158	551		
IDAHO	3,156	-	-	-	3,156	118	-	-	-	118	3,274		
ILLINOIS 3/ 6/	9,136	13	3	18	9,156	2,381	3	40	43	2,424	11,580		
INDIANA	5,048	1	-	1	5,049	1,036	1	1	1	1,040	6,089		
IOWA	8,573	164	15	179	8,752	795	6	36	42	837	9,589		
KANSAS	8,436	-	-	-	8,436	498	-	-	-	488	8,923		
KENTUCKY 3/	3,928	-	-	-	3,928	649	-	3	3	652	4,580		
LOUISIANA	3,217	-	-	-	3,217	678	-	-	-	678	3,895		
MAINE 3/	2,136	-	-	-	2,136	237	-	1	1	238	2,374		
MARYLAND	1,795	13	-	13	1,808	685	3	-	84	788	2,596		
MASSACHUSETTS	9,940	-	-	242	10,182	1,171	-	42	424	1,595	2,778		
MICHIGAN	7,007	3	2	5	7,012	1,401	23	3	26	1,427	8,439		
MINNESOTA	9,363	5	-	5	9,368	828	7	5	12	840	10,208		
MISSISSIPPI	5,959	14	7	21	5,980	464	-	-	2	466	6,446		
MISSOURI	7,288	-	1	1	7,289	867	-	11	14	881	8,170		
MONTANA	6,496	-	-	-	6,496	145	-	7	7	152	6,648		
NEBRASKA	7,370	-	1	-	7,371	300	-	4	4	304	7,675		
NEVADA	2,289	-	-	-	2,291	100	-	-	-	102	2,393		
NEW HAMPSHIRE	1,136	-	1	1	1,137	156	-	57	57	213	1,350		
NEW JERSEY	8,889	46	1	47	8,936	912	12	4	16	928	9,864		
NEW MEXICO	4,251	-	-	-	4,251	312	-	10	10	322	4,573		
NEW YORK 3/	7,116	121	19	146	7,262	2,229	83	318	402	2,631	9,893		
NORTH CAROLINA	4,442	-	-	-	4,459	882	-	-	-	882	5,341		
NORTH DAKOTA	5,932	-	1	-	5,932	177	3	9	177	1,177	6,109		
OHIO	5,845	-	-	1	5,846	2,287	-	-	-	2,299	8,145		
OKLAHOMA	5,598	-	-	-	5,598	642	-	-	-	642	6,240		
OREGON	5,264	-	-	-	5,264	512	-	13	525	5,789	6,301		
PENNSYLVANIA	8,922	-	15	15	8,937	2,521	-	9	28	2,549	11,486		
RHODE ISLAND	171	-	8	8	179	244	-	43	43	287	466		
SOUTH CAROLINA	5,632	-	-	-	5,632	826	1	-	3	829	6,461		
SOUTH DAKOTA	9,290	-	-	-	9,290	1,109	31	251	285	464	9,799		
TENNESSEE 3/	5,985	-	-	-	5,985	1,102	-	-	-	1,182	7,167		
TEXAS 3/	17,103	1	1	2	17,105	2,845	6	-	6	2,851	19,956		
UTAH 3/	3,261	-	-	29	3,261	246	-	-	-	246	3,507		
VERMONT 4/	1,318	-	-	3	1,347	59	-	24	93	1,440	1,440		
VIRGINIA	5,504	3	-	3	5,507	940	-	5	5	945	6,452		
WASHINGTON 3/	4,906	-	-	-	4,906	889	1	1	895	5,801	5,801		
WEST VIRGINIA 4/	2,677	3	3	3	2,680	280	6	1	1	281	2,961		
WISCONSIN	8,711	129	-	133	8,844	1,058	-	8	14	1,072	9,916		
WYOMING	3,669	-	-	-	3,669	175	-	-	-	175	3,905		
TOTAL 3/	257,514	704	280	1,066	259,027	42,941	257	1,387	1,707	44,671	303,698		

PUBLIC ROAD AND STREET MILEAGE - 1988 CLASSIFIED BY FEDERAL-AID SYSTEM

MILEAGE AS OF DECEMBER 31, 1988 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-15 SEPTEMBER 1989

Table with columns for STATE, FEDERAL-AID INTERSTATE 1/ (RURAL, URBAN, TOTAL), OTHER FEDERAL-AID PRIMARY 2/ (RURAL, URBAN, TOTAL), FEDERAL-AID URBAN, FEDERAL-AID SECONDARY, ALL FEDERAL-AID SYSTEMS (RURAL, URBAN, TOTAL), ALL NON-FEDERAL-AID SYSTEMS (RURAL, URBAN, TOTAL), and TOTAL.

1/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY. 2/ DOES NOT INCLUDE THE INTERSTATE SYSTEM. 3/ EXCLUDES FERRY ROUTE MILEAGE. ALASKA - 844 MILES OF RURAL PRIMARY AND 640 MILES OF SECONDARY; ARKANSAS - 1 MILE OF SECONDARY; ILLINOIS - 2 MILES OF SECONDARY; KENTUCKY - 1 MILE OF URBAN AND 1 MILE OF SECONDARY; MAINE - 3 MILES OF SECONDARY; KENTUCKY - 1 MILE OF URBAN AND 1 MILE OF SECONDARY; NEW YORK - 12 MILES OF RURAL PRIMARY AND 1 MILE OF SECONDARY; TEXAS - 2 MILES OF URBAN PRIMARY, 5 MILES OF URBAN AND 1 MILE OF SECONDARY; UTAH - 3 MILES OF RURAL PRIMARY AND 5 MILES OF SECONDARY; 60 MILES OF URBAN PRIMARY, 18 MILES OF URBAN SECONDARY AND 6 MILES OF SECONDARY; 5/ 1987 BASE DATA FACTORED TO 1988 LEVELS (1988 BASE DATA NOT AVAILABLE).

1/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY. 2/ DOES NOT INCLUDE THE INTERSTATE SYSTEM. 3/ EXCLUDES FERRY ROUTE MILEAGE. ALASKA - 844 MILES OF RURAL PRIMARY AND 640 MILES OF SECONDARY; ARKANSAS - 1 MILE OF SECONDARY; ILLINOIS - 2 MILES OF SECONDARY; KENTUCKY - 1 MILE OF URBAN AND 1 MILE OF SECONDARY; MAINE - 3 MILES OF SECONDARY; KENTUCKY - 1 MILE OF URBAN AND 1 MILE OF SECONDARY; NEW YORK - 12 MILES OF RURAL PRIMARY AND 1 MILE OF SECONDARY; TEXAS - 2 MILES OF URBAN PRIMARY, 5 MILES OF URBAN AND 1 MILE OF SECONDARY; UTAH - 3 MILES OF RURAL PRIMARY AND 5 MILES OF SECONDARY; 60 MILES OF URBAN PRIMARY, 18 MILES OF URBAN SECONDARY AND 6 MILES OF SECONDARY; 5/ 1987 BASE DATA FACTORED TO 1988 LEVELS (1988 BASE DATA NOT AVAILABLE).

FEDERAL-AID HIGHWAY SYSTEMS - 1988
MILEAGE CLASSIFIED BY TRAFFIC LANES, ACCESS CONTROL AND STATES

TABLE HM-35
SHEET 2 OF 2
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL, FEDERAL-AID URBAN HIGHWAY SYSTEM, and TOTAL. Rows list states from ALABAMA to WYOMING, plus a TOTAL row. Sub-headers include 2 LANES, DEGREE OF ACCESS CONTROL, and OTHER.

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES... THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES... 2/ INCLUDES 3-LANE ROADWAYS... 3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM... 4/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY...

FEDERAL-AID HIGHWAY SYSTEMS - 1988 ¹
MILEAGE CLASSIFIED BY TRAFFIC LANES AND ACCESS CONTROL

TABLE HM-36
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with 11 main columns: INTERSTATE 3/, PRIMARY 4/, URBAN, SECONDARY, and TOTAL. Each of these columns has sub-columns for MILEAGE and PERCENT. The table contains data for Rural, Small Urban Area, Total Small Urban Area, Urbanized Area, Total Urbanized Area, Total Urban, and Total Rural and Urban.

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES. (48 FOR 1988 AND 3 FOR 1987) FACTORED TO NATIONWIDE 1988 LEVELS.
2/ THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING AND TURNING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.
3/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
4/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
5/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING CONNECTIONS, PARTIAL ACCESS CONTROL - BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. IN ADDITION TO 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.

FEDERAL-AID HIGHWAY SYSTEMS - 1988¹

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

TABLE HM-39
SHEET 1 OF 3
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE SYSTEM - RURAL 2/						FEDERAL-AID PRIMARY HIGHWAY SYSTEM - RURAL 3/						RURAL FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE		
	AVERAGE DAILY TRAFFIC VOLUME						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:															
LESS THAN 9 FEET	-	-	-	-	66	221	116	72	-	6	2	1	2	420	420
9 FEET	66	-	-	-	38	1,149	1,555	685	453	107	300	33	2	4,284	4,350
10 FEET	38	-	-	-	85	5,295	6,934	3,941	2,433	1,135	1,730	239	97	21,804	21,842
11 FEET	83	-	-	-	25	8,790	9,509	7,731	4,305	2,230	4,667	839	213	35,369	35,369
12 FEET	982	24	-	-	1,087	28,623	32,375	24,024	16,127	9,824	18,850	2,667	1,048	133,538	134,625
GREATER THAN 12 FEET	-	-	-	-	-	1,317	2,593	1,272	984	712	1,162	308	93	8,441	8,441
TOTAL UNDIVIDED	1,169	26	56	25	1,276	42,395	53,082	37,725	24,302	14,014	26,711	4,087	1,455	203,771	205,047
DIVIDED:															
NO ACCESS CONTROL:															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	1	2	4	10	42	107	41	207	207
11 FEET	-	-	-	-	-	-	23	80	22	15	237	203	201	781	781
12 FEET	-	-	-	-	-	-	175	393	684	587	4,432	2,275	2,101	10,647	10,647
GREATER THAN 12 FEET	-	-	-	-	-	1	1	17	8	3	39	51	79	199	199
SUBTOTAL	-	-	-	-	-	1	200	492	718	615	4,755	2,636	2,422	11,839	11,839
PARTIAL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	15	-	-	22	2	190	374	302	266	2,116	1,140	43	5,266	5,288
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	15	2	5	22	16	190	378	333	271	2,170	1,192	922	5,472	5,494
FULL ACCESS CONTROL: 4/															
LESS THAN 9 FEET	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	5,471	6,198	12,004	8,126	31,799	-	3	149	244	338	1,826	909	1,105	4,574	36,373
GREATER THAN 12 FEET	51	16	80	57	184	-	-	-	-	1	2	17	7	27	211
SUBTOTAL	5,522	6,225	12,093	8,165	32,005	-	3	149	244	339	1,831	930	1,146	4,642	36,647
TOTAL DIVIDED	5,522	6,240	12,095	8,170	32,027	17	393	1,019	1,295	1,225	8,756	4,758	4,490	21,953	53,980
TOTAL	6,691	6,266	12,151	8,195	33,303	42,412	53,475	38,744	25,597	15,239	35,467	8,845	5,945	225,724	259,027

FEDERAL-AID HIGHWAY SYSTEMS - 1988¹
 MILEAGE CLASSIFIED BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-39
 SHEET 3 OF 3
 SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
 COMPILED FROM REPORTS OF STATE AUTHORITIES

LANE WIDTH AND DEGREE OF ACCESS CONTROL	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL											FEDERAL-AID URBAN HIGHWAY SYSTEM					TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	LESS THAN 100	100-499	500-999	1,000-4,999	5,000-9,999		10,000 AND OVER	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999		10,000-19,999	20,000 AND OVER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
UNDIVIDED:																						LESS THAN 9 FEET	2,658	5,720	1,857	554	-	10,789	947	926	335	137	89	1	2,435	9 FEET	3,378	15,911	10,260	12,152	2	41,945	2,310	3,312	1,237	1,031	465	62	8,417	10 FEET	6,903	48,805	28,546	37,267	262	123,765	3,648	8,790	5,249	5,249	3,523	951	26,896	11 FEET	9,789	29,154	18,462	30,975	349	90,633	1,672	5,713	3,490	3,490	3,353	959	21,084	12 FEET	9,638	35,710	22,375	40,767	2,503	117,833	3,434	9,996	14,556	11,753	2,984	51,922	GREATER THAN 12 FEET	2,054	4,111	1,573	3,934	209	12,518	1,385	3,975	3,127	5,335	3,590	443	17,855	TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035
LESS THAN 9 FEET	2,658	5,720	1,857	554	-	10,789	947	926	335	137	89	1	2,435	9 FEET	3,378	15,911	10,260	12,152	2	41,945	2,310	3,312	1,237	1,031	465	62	8,417	10 FEET	6,903	48,805	28,546	37,267	262	123,765	3,648	8,790	5,249	5,249	3,523	951	26,896	11 FEET	9,789	29,154	18,462	30,975	349	90,633	1,672	5,713	3,490	3,490	3,353	959	21,084	12 FEET	9,638	35,710	22,375	40,767	2,503	117,833	3,434	9,996	14,556	11,753	2,984	51,922	GREATER THAN 12 FEET	2,054	4,111	1,573	3,934	209	12,518	1,385	3,975	3,127	5,335	3,590	443	17,855	TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																						
9 FEET	3,378	15,911	10,260	12,152	2	41,945	2,310	3,312	1,237	1,031	465	62	8,417	10 FEET	6,903	48,805	28,546	37,267	262	123,765	3,648	8,790	5,249	5,249	3,523	951	26,896	11 FEET	9,789	29,154	18,462	30,975	349	90,633	1,672	5,713	3,490	3,490	3,353	959	21,084	12 FEET	9,638	35,710	22,375	40,767	2,503	117,833	3,434	9,996	14,556	11,753	2,984	51,922	GREATER THAN 12 FEET	2,054	4,111	1,573	3,934	209	12,518	1,385	3,975	3,127	5,335	3,590	443	17,855	TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																				
10 FEET	6,903	48,805	28,546	37,267	262	123,765	3,648	8,790	5,249	5,249	3,523	951	26,896	11 FEET	9,789	29,154	18,462	30,975	349	90,633	1,672	5,713	3,490	3,490	3,353	959	21,084	12 FEET	9,638	35,710	22,375	40,767	2,503	117,833	3,434	9,996	14,556	11,753	2,984	51,922	GREATER THAN 12 FEET	2,054	4,111	1,573	3,934	209	12,518	1,385	3,975	3,127	5,335	3,590	443	17,855	TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																		
11 FEET	9,789	29,154	18,462	30,975	349	90,633	1,672	5,713	3,490	3,490	3,353	959	21,084	12 FEET	9,638	35,710	22,375	40,767	2,503	117,833	3,434	9,996	14,556	11,753	2,984	51,922	GREATER THAN 12 FEET	2,054	4,111	1,573	3,934	209	12,518	1,385	3,975	3,127	5,335	3,590	443	17,855	TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																
12 FEET	9,638	35,710	22,375	40,767	2,503	117,833	3,434	9,996	14,556	11,753	2,984	51,922	GREATER THAN 12 FEET	2,054	4,111	1,573	3,934	209	12,518	1,385	3,975	3,127	5,335	3,590	443	17,855	TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																														
GREATER THAN 12 FEET	2,054	4,111	1,573	3,934	209	12,518	1,385	3,975	3,127	5,335	3,590	443	17,855	TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																											
TOTAL UNDIVIDED	34,420	139,411	83,073	125,649	11,605	387,483	13,396	32,712	22,123	32,205	22,773	5,400	128,609	DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																									
DIVIDED:																						NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																							
NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																													
LESS THAN 9 FEET	-	-	-	-	-	-	3	2	7	-	1	-	4	102	9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																			
9 FEET	-	-	-	-	-	-	4	45	63	188	325	17	186	10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																		
10 FEET	-	-	-	-	-	-	11	67	70	193	854	429	1,062	11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																
11 FEET	-	-	-	-	-	-	19	87	439	1,369	4,048	5,019	11,398	12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																														
12 FEET	-	-	-	-	-	-	66	197	88	252	361	304	1,083	GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																												
GREATER THAN 12 FEET	-	-	-	-	-	-	22	56	88	252	361	304	1,083	SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																										
SUBTOTAL	-	167	271	845	438	2,143	125	388	667	2,069	5,594	6,754	15,537	PARTIAL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	1	9	-	2	-	13	10 FEET	-	-	-	-	-	-	-	2	-	-	-	-	78	11 FEET	-	-	-	-	-	-	-	6	6	30	42	44	222	12 FEET	-	-	-	-	-	-	-	19	14	238	543	990	1,607	GREATER THAN 12 FEET	-	-	-	-	-	-	-	5	3	34	16	51	108	SUBTOTAL	-	167	271	272	92	389	5	24	32	337	603	1,227	2,228	FULL ACCESS CONTROL: 4/																						LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																																								
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10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
SUBTOTAL	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
TOTAL DIVIDED	-	167	287	1,153	537	2,598	130	416	703	2,477	6,308	8,392	18,426	TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
TOTAL	34,420	139,578	83,360	126,802	12,142	400,081	13,526	33,128	22,826	34,682	29,081	13,792	147,035																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (48 FOR 1988 AND 3 FOR 1987), FACTORED TO NATIONWIDE 1988 LEVELS.
 2/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
 3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
 4/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

INTERSTATE SYSTEM MILEAGE - 1988
FREE, TOLL AND OTHER DESIGNATED CATEGORIES
(UNADJUSTED DATA)

MILEAGE AS OF DECEMBER 31, 1988
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-45
 SEPTEMBER 1989

STATE	INTERSTATE SYSTEM												FEDERAL-AID PRIMARY SYSTEM DESIGNATED FUTURE INTERSTATE		
	COMPLETED AND OPEN TO TRAFFIC				INCOMPLETE OR NOT OPEN TO TRAFFIC				TOTAL				FREE	TOLL	TOTAL
	FREE	TOLL	TOTAL	TITLE 23 U.S.C., SECTIONS 103(E)(1) 1/, 103(E)(2) 2/ AND 139(C) 3/	FREE	TOLL	TOTAL	TITLE 23 U.S.C., SECTION 139(A) 4/	FREE	TOLL	TOTAL	TITLE 23 U.S.C., SECTIONS 103(E)(1) 1/, 103(E)(2) 2/ AND 139(C) 3/	FREE	TOLL	TOTAL
ALABAMA	882	-	882	-	-	-	-	24	-	24	-	-	-	-	2
ALASKA 6/	1,089	-	1,089	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA	1,157	-	1,157	-	-	-	-	38	-	38	-	-	-	-	-
ARKANSAS	526	-	526	-	-	-	-	-	-	-	-	-	-	-	99
CALIFORNIA	2,268	10	2,278	108	5	113	34	34	-	34	-	-	-	-	46
COLORADO	942	-	942	-	-	-	-	9	-	9	-	-	-	-	20
CONNECTICUT	199	88	287	55	-	55	4	4	-	4	-	-	-	-	-
DELAWARE	26	14	40	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	12	-	12	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	1,367	14	1,381	7	-	7	81	81	-	81	-	-	-	-	34
GEORGIA	1,208	-	1,208	36	-	36	-	-	-	-	-	-	-	-	6
HAWAII	40	-	40	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	605	-	605	117	107	224	-	-	-	-	-	-	-	-	-
ILLINOIS	1,560	155	1,715	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA	956	157	1,113	-	-	-	-	-	-	-	-	-	-	-	78
IOWA	782	-	782	-	-	-	-	-	-	-	-	-	-	-	65
KANSAS	633	187	820	-	50	50	-	-	-	-	-	-	-	-	-
KENTUCKY	741	-	741	21	-	21	-	-	-	-	-	-	-	-	-
LOUISIANA	730	-	730	26	-	26	-	-	-	-	-	-	-	-	-
MAINE	260	88	348	-	17	17	-	-	-	-	-	-	-	-	-
MARYLAND	334	56	390	4	-	4	-	-	-	-	-	-	-	-	-
MASSACHUSETTS	350	134	484	100	-	100	-	-	-	-	-	-	-	-	5
MICHIGAN	1,143	6	1,149	66	-	66	31	31	-	31	-	-	-	-	3
MINNESOTA	904	-	904	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI	684	-	684	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI	1,159	-	1,159	19	-	19	-	-	-	-	-	-	-	-	-
MONTANA	1,188	-	1,188	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA	1,481	-	1,481	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	544	-	544	1	-	1	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE	198	21	219	6	-	6	-	-	-	-	-	-	-	-	46
NEW JERSEY	304	88	392	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	906	493	1,399	69	34	103	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	822	-	822	14	-	14	-	-	-	-	-	-	-	-	91
NORTH DAKOTA	571	-	571	-	-	-	-	-	-	-	-	-	-	-	-
OHIO	1,323	206	1,529	-	35	35	-	-	-	-	-	-	-	-	-
OKLAHOMA	632	174	806	35	85	120	3	3	-	3	-	-	-	-	-
OREGON	721	362	1,083	7	-	7	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	1,138	-	1,138	29	-	29	62	62	-	62	-	-	-	-	-
RHODE ISLAND	70	-	70	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	754	-	754	36	-	36	-	-	-	-	-	-	-	-	110
SOUTH DAKOTA	678	-	678	24	-	24	-	-	-	-	-	-	-	-	-
TENNESSEE	1,038	-	1,038	70	-	70	-	-	-	-	-	-	-	-	-
TEXAS	3,138	-	3,138	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	911	-	911	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT 6/	320	-	320	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	1,039	5	1,044	-	25	25	-	-	-	-	-	-	-	-	-
WASHINGTON	762	-	762	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA 6/	393	87	480	61	-	61	-	-	-	-	-	-	-	-	16
WISCONSIN	579	-	579	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	914	-	914	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	40,955	2,345	43,300	932	358	1,290	503	506	3	506	644	3	3	647	

1/ ORIGINAL INTERSTATE SYSTEM DESIGNATION (42,500 MILES).
 2/ HOWARD CRAMER ADDITIONS (500 MILES).
 3/ ADDITIONS FOR ALASKA AND PUERTO RICO (FEDERAL-AID HIGHWAY ACT OF 1981).
 4/ ADDITIONS CONSTRUCTED WITH OTHER THAN INTERSTATE FUNDING.
 5/ PROPOSED FUTURE ADDITIONS WHICH ARE NOW PART OF THE FEDERAL-AID PRIMARY SYSTEM.
 6/ 1987 DATA (1988 DATA NOT AVAILABLE).

NATIONAL NETWORK FOR TRUCKS - 1988¹

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

MILEAGE COMPILED IN COOPERATION
WITH STATE AUTHORITIESTABLE HM-43
SEPTEMBER 1989

STATE	OPEN-TO-TRAFFIC MILEAGE				NON- INTERSTATE FAP DESIGNATED TRUCK ROUTE MILEAGE	TRUCK ROUTE MILEAGE INCLUDING NON- INTERSTATE FAP AND INTERSTATE	ANALYSIS		
	INTERSTATE	NON- INTERSTATE FEDERAL-AID PRIMARY	TOTAL FEDERAL-AID PRIMARY INCLUDING INTERSTATE	TOTAL PUBLIC ROAD MILEAGE			DESIGNATED FAP MILEAGE AS PERCENT OF NON- INTERSTATE PRIMARY	TRUCK ROUTE MILEAGE	
								AS PERCENT OF TOTAL PRIMARY INCLUDING INTERSTATE	AS PERCENT OF TOTAL PUBLIC ROAD MILEAGE
ALABAMA 2/ ALASKA 2/ 3/ ARIZONA 2/ ARKANSAS 4/	883 1,089 1,162 542	6,742 985 3,500 5,213	7,625 2,074 4,662 5,755	90,418 12,189 70,282 77,094	850 - 3,455 5,209	1,733 485 4,617 5,751	12.61 0.00 98.71 99.92	22.73 23.38 99.03 99.93	1.92 3.98 6.57 7.46
CALIFORNIA 2/ COLORADO 4/ CONNECTICUT 2/ DELAWARE 2/	2,390 941 342 41	11,086 4,281 1,265 435	13,476 5,222 1,607 476	162,562 77,149 19,798 5,387	1,792 4,024 130 184	4,182 4,965 472 225	16.16 94.00 10.28 42.30	31.03 95.08 29.37 47.27	2.57 6.44 2.38 4.18
DIST. OF COL. 2/ FLORIDA 2/ GEORGIA 2/ HAWAII 2/	12 1,389 1,244 39	180 8,055 10,092 512	192 9,444 11,336 551	1,102 104,589 107,388 4,081	4 320 614 500	16 1,709 1,858 539	2.22 3.97 6.08 97.66	8.33 18.10 16.39 97.82	1.45 1.63 1.73 13.21
IDAHO 2/ ILLINOIS 2/ INDIANA 4/ IOWA 2/	605 1,939 1,117 782	2,669 9,641 4,972 8,807	3,274 11,580 6,089 9,589	60,663 135,506 91,588 112,488	1,825 117 4,965 6,886	2,430 2,056 6,082 7,668	68.38 1.21 99.86 78.19	74.22 17.75 99.89 79.97	4.01 1.52 6.64 6.82
KANSAS 4/ KENTUCKY 2/ LOUISIANA 5/ MAINE 2/	870 763 751 366	8,053 3,817 3,144 2,008	8,923 4,580 3,895 2,374	132,965 69,848 58,422 21,966	8,052 1,936 3,144 14	8,922 2,699 3,895 380	99.99 50.72 100.00 0.70	99.99 58.93 100.00 16.01	6.71 3.86 6.67 1.73
MARYLAND 2/ MASSACHUSETTS 2/ MICHIGAN 2/ MINNESOTA 2/	393 564 1,211 905	2,203 2,214 7,228 9,303	2,596 2,778 8,439 10,208	28,233 33,809 117,895 129,644	389 88 4,692 3,929	782 652 5,903 4,834	17.66 3.97 64.91 42.23	30.12 23.47 69.95 47.36	2.77 1.93 5.01 3.73
MISSISSIPPI 4/ MISSOURI 2/ MONTANA 4/ NEBRASKA 4/	684 1,177 1,191 481	5,762 6,993 5,457 7,194	6,446 8,170 6,648 7,675	72,169 119,888 71,471 92,495	5,757 2,399 5,411 7,182	6,441 3,576 6,602 7,663	99.91 34.31 99.16 99.83	99.92 43.77 99.31 99.84	8.92 2.98 9.24 8.28
NEVADA 4/ NEW HAMPSHIRE 2/ NEW JERSEY 2/ NEW MEXICO 2/	545 224 392 999	1,848 1,126 1,472 3,574	2,393 1,350 1,864 4,573	44,833 14,711 34,197 53,938	1,817 14 23 2,584	2,362 238 415 3,583	98.32 1.24 1.56 72.30	98.70 17.63 22.26 78.35	5.27 1.62 1.21 6.64
NEW YORK 2/ NORTH CAROLINA 2/ NORTH DAKOTA 2/ OHIO 4/	1,501 836 570 1,565	8,392 4,505 5,539 6,580	9,893 5,341 6,109 8,145	110,613 93,813 86,311 113,340	1,396 2,391 1,669 6,571	2,897 3,227 2,239 8,136	16.63 53.07 30.13 99.86	29.28 60.42 36.65 99.89	2.62 3.44 2.59 7.18
OKLAHOMA 4/ OREGON 2/ PENNSYLVANIA 2/ RHODE ISLAND 5/	927 727 1,528 70	5,313 5,062 9,958 396	6,240 5,789 11,486 466	111,403 93,595 116,084 5,646	5,313 4,031 1,756 16	6,240 4,758 3,284 86	100.00 79.63 17.63 4.04	100.00 82.19 28.59 18.45	5.60 5.08 2.83 1.47
SOUTH CAROLINA 2/ SOUTH DAKOTA 4/ TENNESSEE 2/ TEXAS 4/	790 677 1,062 3,207	5,671 6,122 6,105 16,749	6,461 6,799 7,167 19,956	63,702 73,420 83,638 300,444	1,118 6,118 3,540 16,747	1,908 6,795 4,602 19,954	19.71 99.93 57.99 99.99	29.53 99.94 64.21 99.99	3.00 9.25 5.50 6.64
UTAH 5/ VERMONT 2/ 3/ VIRGINIA 2/ WASHINGTON 4/	911 320 1,069 763	2,596 1,120 5,383 5,038	3,507 1,440 6,452 5,801	42,935 14,089 66,892 81,546	2,518 29 1,856 5,033	3,429 349 2,925 5,796	97.00 2.59 34.48 99.90	97.78 24.24 45.33 99.91	7.99 2.48 4.37 7.11
WEST VIRGINIA 2/ 3/ WISCONSIN 2/ WYOMING 4/	519 640 914	2,442 9,276 2,991	2,961 9,916 3,905	34,573 109,629 40,502	241 3,250 2,952	760 3,890 3,866	9.87 35.04 98.70	25.67 39.23 99.00	2.20 3.55 9.55
U.S. TOTAL	44,629	259,069	303,698	3,871,143	144,851	188,876	55.91	62.19	4.88
PUERTO RICO 2/	198	518	716	9,829	81	277	15.64	38.69	2.82
GRAND TOTAL	44,827	259,587	304,414	3,880,972	144,932	189,153	55.83	62.14	4.87

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

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

3/ 1987 BASE DATA FACTORED TO 1988 LEVELS (1988 BASE DATA NOT AVAILABLE).

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

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

JURISDICTION - RURAL - 1988
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-50
SHEET 1 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE			OTHER PRINCIPAL ARTERIAL						MINOR ARTERIAL						TOTAL
	UNDER STATE CONTROL	UNDER STATE CONTROL	TOTAL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL	UNDER LOCAL CONTROL			UNDER FEDERAL CONTROL 2/	TOTAL			
				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/			COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/					
ALABAMA	625	1,987	1,987	-	-	-	-	3,809	42	-	-	3	44	3,898		
ALASKA 3/	1,039	53	53	-	-	-	-	894	-	-	-	-	-	894		
ARIZONA 4/	1,039	1,932	1,932	-	-	-	-	2,233	-	-	-	-	-	2,248		
ARKANSAS	419	1,932	1,932	-	-	-	-	3,167	-	-	-	-	-	3,167		
CALIFORNIA	1,412	2,847	2,847	2	-	-	86	6,456	62	-	-	-	96	6,614		
COLORADO	789	1,892	1,892	-	-	-	-	1,944	5	-	-	-	-	1,949		
CONNECTICUT	109	225	225	-	-	-	-	464	-	-	-	-	-	472		
DELAWARE	-	151	151	-	-	-	-	182	-	-	-	-	-	182		
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA	993	2,532	2,532	12	-	-	-	5,542	38	-	-	-	-	5,581		
GEORGIA	884	2,669	2,669	12	-	-	15	5,743	56	-	-	-	78	5,878		
HAWAII	5	13	13	-	-	-	-	380	5	-	-	-	-	385		
IDAHO	534	1,650	1,650	-	-	-	-	972	13	-	-	-	-	972		
ILLINOIS 5/	1,417	1,208	1,208	-	-	-	-	7,516	2	-	-	-	-	7,534		
INDIANA	651	1,093	1,093	-	-	-	-	3,108	2	-	-	-	-	3,115		
IOWA	650	3,115	3,115	29	-	1	-	4,808	135	-	-	14	-	4,957		
KANSAS	711	3,253	3,253	-	-	-	-	4,461	-	-	-	-	-	4,461		
KENTUCKY	579	1,578	1,578	-	-	-	-	1,771	-	-	-	-	-	1,771		
LOUISIANA	571	1,076	1,076	-	-	-	-	1,580	-	-	-	-	-	1,580		
MAINE	313	736	736	-	-	-	-	1,088	-	-	-	-	-	1,088		
MARYLAND	169	495	495	-	-	-	-	1,131	13	-	-	-	-	1,144		
MASSACHUSETTS	170	231	231	-	-	-	-	539	-	-	-	-	-	539		
MICHIGAN	766	2,364	2,364	-	-	-	-	3,877	3	-	-	-	-	3,882		
MINNESOTA	688	3,353	3,353	4	-	-	-	5,321	2	-	-	-	-	5,323		
MISSISSIPPI	560	1,562	1,562	-	-	-	-	3,838	14	-	-	-	267	4,125		
MISSOURI	645	2,712	2,712	-	-	-	-	3,733	-	-	-	-	-	3,733		
MONTANA	1,144	2,099	2,099	-	-	-	-	3,253	-	-	-	-	-	3,253		
NEBRASKA	444	2,714	2,714	-	-	-	-	4,212	-	-	-	-	-	4,212		
NEVADA	503	609	609	-	-	-	-	1,177	-	-	-	-	-	1,177		
NEW HAMPSHIRE	180	320	320	-	-	-	-	655	-	-	-	-	-	655		
NEW JERSEY	125	266	266	-	-	-	-	619	46	-	-	-	-	666		
NEW MEXICO	904	1,195	1,195	-	-	-	-	2,152	-	-	-	-	-	2,152		
NEW YORK	855	1,753	1,753	24	-	-	-	4,508	97	-	-	13	-	4,624		
NORTH CAROLINA	615	2,047	2,047	-	-	-	-	1,780	-	-	-	-	-	2,054		
NORTH DAKOTA	530	1,207	1,207	-	-	-	-	4,197	-	-	-	-	-	4,197		
OHIO	847	1,692	1,692	-	-	-	-	3,306	-	-	-	-	-	3,307		
OKLAHOMA	723	1,879	1,879	-	-	-	-	3,220	-	-	-	-	-	3,220		
OREGON	595	2,271	2,271	-	-	-	-	2,409	157	-	-	-	-	2,567		
PENNSYLVANIA	1,142	1,773	1,773	-	-	-	-	6,005	-	-	-	-	-	6,021		
RHODE ISLAND	21	73	73	-	-	-	-	80	-	-	-	-	-	88		
SOUTH CAROLINA	673	1,520	1,520	-	-	-	-	3,439	-	-	-	-	-	3,439		
SOUTH DAKOTA	631	2,311	2,311	-	-	-	-	3,348	-	-	-	-	-	3,387		
TENNESSEE	787	1,044	1,044	-	-	-	-	4,154	-	-	-	-	-	4,154		
TEXAS	2,277	7,906	7,906	-	-	-	-	6,925	1	-	-	-	-	6,927		
UTAH	771	650	650	-	-	-	-	1,840	-	-	-	-	-	1,863		
VERMONT 3/	300	279	279	-	-	-	-	739	-	-	-	-	-	762		
VIRGINIA	771	1,503	1,503	-	-	-	-	3,230	3	-	-	-	-	3,541		
WASHINGTON	519	1,801	1,801	-	-	-	-	2,585	-	-	-	-	-	2,586		
WEST VIRGINIA 3/	429	520	520	3	-	-	-	1,728	-	-	-	-	-	1,728		
WISCONSIN	517	3,316	3,316	22	-	-	-	4,879	108	-	-	3	-	4,991		
WYOMING	864	1,008	1,008	-	-	-	-	1,802	-	-	-	-	-	2,111		
TOTAL	33,303	80,516	80,516	108	13	17	124	144,802	802	275	74	1,503	1,503	147,456		
PERCENT/SYSTEM	100.0	99.6	99.6	0.2	0.0	0.0	0.2	100.0	0.5	0.2	0.1	1.0	1.0	100.0		

LANE WIDTH - RURAL - 1988
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 2 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MAJOR COLLECTOR										MINOR COLLECTOR										TOTAL
	LANE WIDTH IN FEET					TOTAL	LANE WIDTH IN FEET					TOTAL	LANE WIDTH IN FEET					TOTAL			
	< 9	9	10	11	12		> 12	< 9	9	10	11		12	> 12							
ALABAMA	-	4,246	5,393	1,042	734	69	11,484	279	4,704	1,869	144	-	6,996								
ALASKA 2/	-	4	135	146	925	782	1,992	23	49	212	165	350	6,896								
ARIZONA	64	1,864	202	182	3,027	219	3,878	308	207	308	351	2,019	3,241								
ARKANSAS	402	1,864	7,164	2,005	957	-	12,392	1,838	1,962	2,130	317	310	6,560								
CALIFORNIA	57	295	982	2,354	7,825	1,307	12,821	813	600	1,718	1,562	4,304	9,904								
COLORADO	75	-	1,366	2,494	3,265	90	7,290	1,592	957	1,871	2,133	5,374	12,028								
CONNECTICUT	-	31	81	365	480	3	960	157	168	284	225	236	1,136								
DELAWARE	-	89	180	164	151	22	606	1	87	43	7	16	1,154								
DIST. OF COL.	-	1,180	1,991	595	803	-	4,684	405	1,756	2,194	412	281	5,199								
FLORIDA	356	1,852	6,021	1,927	2,775	1,098	14,029	4	841	4,864	781	773	7,341								
GEORGIA	93	123	115	43	102	4	460	20	40	40	6	1	7,113								
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-								
IOWA	264	416	1,557	318	2,370	1	4,926	739	925	1,240	246	633	3,816								
ILLINOIS	629	1,626	4,592	4,958	2,292	275	14,262	723	737	1,553	504	202	3,537								
INDIANA	24	2,112	3,383	919	3,045	150	9,633	2,670	5,037	2,179	402	77	10,370								
INDIANA	-	147	882	8,903	2,626	948	13,506	66	296	1,106	6,089	4,521	16,398								
KANSAS	-	407	3,108	8,768	8,916	1,480	22,679	369	1,613	2,725	2,700	1,837	9,332								
KENTUCKY	416	3,971	1,810	933	214	11	7,355	3,700	4,560	582	390	23	9,316								
LOUISIANA	-	37	3,483	1,745	2,088	-	7,353	55	650	3,109	229	263	9,306								
MAINE	29	896	1,485	656	196	16	3,278	326	734	1,101	32	44	2,254								
MARYLAND	91	211	671	496	423	15	1,907	269	527	609	254	222	1,894								
MASSACHUSETTS	116	183	423	585	399	301	2,007	316	187	484	267	316	1,950								
MICHIGAN	-	822	6,758	4,929	4,142	510	17,161	237	1,047	2,942	2,518	664	7,529								
MINNESOTA	-	132	834	4,238	11,283	132	16,619	157	190	2,572	2,704	7,302	11,995								
MISSISSIPPI	392	852	7,484	1,167	1,823	-	11,718	436	557	1,764	55	122	2,934								
MISSOURI	-	291	14,581	2,598	646	-	18,116	-	118	4,944	345	4	5,411								
MONTANA	75	241	500	730	5,073	38	6,658	669	976	3,024	1,936	2,832	9,437								
NEBRASKA	775	663	1,496	2,940	4,168	1,399	11,449	1,795	1,780	1,516	2,012	1,609	9,236								
NEVADA	-	3	138	30	2,160	-	2,328	990	125	182	139	1,015	2,451								
NEW HAMPSHIRE	-	90	358	313	485	18	1,237	177	291	397	225	177	1,237								
NEW JERSEY	-	9	402	78	892	389	1,770	9	68	425	244	427	1,238								
NEW MEXICO	9	21	646	202	2,824	849	4,551	-	141	578	169	887	2,023								
NEW YORK	-	227	2,269	2,459	1,287	66	6,308	745	2,411	4,749	1,962	867	10,795								
NORTH CAROLINA	141	1,576	4,617	1,379	2,767	-	10,480	542	4,455	2,521	1,252	352	9,122								
NORTH DAKOTA	-	743	1,994	3,221	4,389	765	11,112	1,060	1,079	2,486	2,443	135	7,475								
OHIO	174	4,260	5,142	525	1,528	20	11,649	1,219	3,730	1,817	266	151	7,293								
OKLAHOMA	1,020	3,273	3,855	4,836	8,362	48	21,394	362	1,120	659	717	247	3,105								
OREGON	138	928	3,538	2,346	2,613	81	9,644	1,936	842	1,949	914	1,445	7,087								
PENNSYLVANIA	1,181	1,998	2,038	1,988	640	133	7,978	3,467	3,358	1,102	351	85	8,418								
RHODE ISLAND	10	10	45	64	60	17	205	11	30	43	20	30	137								
SOUTH CAROLINA	46	523	2,406	3,930	1,425	189	8,519	723	574	2,957	401	66	4,005								
SOUTH CAROLINA	262	767	2,509	2,309	6,560	71	11,478	1,809	1,809	1,809	1,809	1,535	6,874								
TEXAS	119	1,492	1,708	1,851	280	280	5,450	2,360	6,358	1,423	483	1,116	10,760								
TEXAS	-	2,526	14,399	4,335	15,091	1,585	37,916	58	3,095	10,958	1,646	2,728	16,552								
UTAH	190	87	168	260	2,328	-	3,033	905	844	785	514	1,162	4,299								
VERMONT 2/	-	179	618	830	301	18	1,946	366	335	366	21	-	1,019								
VIRGINIA	2,949	2,171	3,853	1,141	61	33	10,208	1,195	921	255	30	2	2,403								
WASHINGTON	85	404	2,720	1,613	2,201	273	7,296	1,250	608	1,668	1,668	947	6,513								
WEST VIRGINIA 2/	1,791	2,603	1,028	706	243	-	6,371	1,791	335	37	5	1	2,169								
WISCONSIN	-	42	4,114	7,409	2,092	-	13,657	83	1,341	4,455	320	-	6,462								
WYOMING	-	-	340	575	1,578	-	2,493	1,643	1,487	2,000	992	1,180	7,459								
TOTAL	12,092	46,805	134,482	98,600	130,893	13,395	436,267	37,624	66,183	85,367	47,495	48,352	294,072								
PERCENT/SYSTEM	2.8	10.7	30.8	22.6	30.0	3.1	100.0	12.8	22.5	29.0	16.2	16.4	100.0								

LANE WIDTH - URBAN - 1988
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 3 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						TOTAL
	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET			TOTAL	LANE WIDTH IN FEET			TOTAL			
	< 12	12	> 12		< 9	9	10		11	12	> 12		< 9	9	10		11	12	
ALABAMA	-	258	-	258	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,012
ALASKA 2/	-	49	1	50	-	-	6	-	-	-	-	1	-	-	2	-	23	2	61
ARIZONA	-	123	-	123	-	-	-	41	-	-	-	99	-	-	-	87	57	2	884
ARKANSAS	-	123	-	123	-	-	-	-	-	-	-	-	-	-	-	33	58	12	1,014
CALIFORNIA	30	948	-	978	-	-	2	26	1,217	8	4	47	28	28	193	881	4,527	269	5,991
COLORADO	-	148	4	152	-	-	-	5	137	5	-	-	-	-	105	631	61	51	922
CONNECTICUT	-	233	-	233	-	-	-	4	182	1	-	-	-	-	74	593	5	711	1,014
DELAWARE	-	39	-	41	-	-	-	-	-	-	-	-	-	-	12	27	66	30	135
DIST. OF COL.	-	12	-	12	-	-	2	2	15	3	-	-	-	-	45	21	20	-	99
FLORIDA	-	379	17	396	-	-	-	10	271	1	9	15	13	13	110	164	1,406	203	1,897
GEORGIA	-	344	16	360	-	-	-	1	121	20	-	-	-	-	97	155	754	434	1,447
HAWAII	2	32	-	34	-	-	2	6	46	3	-	-	-	-	26	31	31	5	94
IDAHO	-	71	-	71	-	-	-	-	-	-	-	-	-	-	7	169	8	8	186
ILLINOIS	-	521	1	522	-	-	-	-	73	1	-	-	-	-	174	266	1,313	225	1,993
INDIANA	-	266	-	266	-	-	-	-	114	-	-	-	-	-	89	196	861	238	1,399
IOWA	-	106	26	132	-	-	-	-	-	-	-	-	-	-	17	651	207	897	1,399
KANSAS	2	157	-	159	-	-	5	-	81	-	-	-	-	-	18	442	-	-	561
KENTUCKY	-	184	-	184	-	-	-	4	80	3	-	-	-	-	108	279	81	14	888
LOUISIANA	-	180	-	180	-	-	-	1	51	-	-	-	-	-	81	770	141	1	988
MAINE	-	53	-	53	-	-	-	-	16	-	-	-	-	-	15	102	74	74	217
MARYLAND	-	219	5	224	-	-	-	2	176	10	-	-	-	-	91	167	492	111	881
MASSACHUSETTS	-	392	2	394	-	-	-	5	245	17	-	-	-	-	165	99	869	863	1,844
MICHIGAN	1	444	-	445	-	-	-	6	195	-	-	-	-	-	507	507	1,164	36	2,002
MINNESOTA	-	217	-	217	-	-	-	-	133	-	-	-	-	-	5	29	541	12	587
MISSISSIPPI	-	124	-	124	-	-	-	-	31	-	-	-	-	-	47	87	436	36	606
MISSOURI	-	334	-	334	-	-	-	-	246	-	-	-	-	-	155	274	592	15	1,036
MONTANA	-	47	-	47	-	-	-	-	3	-	-	-	-	-	2	160	7	172	376
NEBRASKA	1	35	1	37	-	-	-	-	10	1	-	-	-	-	30	24	252	70	376
NEVADA	-	42	-	42	-	-	-	-	27	-	-	-	-	-	-	2	159	-	172
NEW HAMPSHIRE	-	43	1	44	-	-	-	-	34	-	-	-	-	-	6	5	145	33	189
NEW JERSEY	2	262	3	267	-	-	-	-	280	-	-	-	-	-	208	114	706	307	1,336
NEW MEXICO	-	95	-	95	-	-	-	-	87	-	-	-	-	-	87	36	292	52	467
NEW YORK	-	609	37	646	-	-	25	65	637	12	-	-	-	-	377	243	1,483	280	2,404
NORTH CAROLINA	-	221	-	221	-	-	-	3	204	-	-	-	-	-	91	278	1,306	-	1,890
NORTH DAKOTA	-	40	-	40	-	-	-	-	1	-	-	-	-	-	331	245	1,096	2	1,455
OHIO	-	714	4	718	-	-	-	-	348	6	-	-	-	-	33	245	1,096	422	2,148
OKLAHOMA	-	204	-	204	-	-	-	-	165	29	-	-	-	-	86	96	335	196	749
OREGON	-	132	-	132	-	-	-	-	54	1	-	-	-	-	28	61	432	29	553
PENNSYLVANIA	5	375	6	386	-	-	-	20	334	3	-	-	-	-	538	713	1,268	261	2,838
RHODE ISLAND	-	49	-	49	-	-	-	8	55	-	-	-	-	-	15	33	112	76	236
SOUTH CAROLINA	6	111	-	117	-	-	-	-	34	-	-	-	-	-	40	64	529	52	686
SOUTH DAKOTA	-	46	-	46	-	-	-	-	3	-	-	-	-	-	8	9	152	2	171
TENNESSEE	1	274	-	275	-	-	-	-	785	8	-	-	-	-	98	263	848	77	1,298
TEXAS	-	930	-	930	-	-	10	12	795	8	-	-	-	-	173	462	2,729	373	3,768
UTAH	-	140	-	140	-	-	-	-	13	-	-	-	-	-	3	4	239	-	246
VERMONT 2/	-	20	-	20	-	-	-	-	9	3	-	-	-	-	13	13	48	15	91
VIRGINIA	1	294	3	298	-	-	4	11	124	34	-	-	-	-	263	408	154	154	1,005
WASHINGTON	1	243	-	244	-	-	-	6	188	2	-	-	-	-	106	384	691	36	1,241
WEST VIRGINIA 2/	-	90	-	90	-	-	-	5	52	1	-	-	-	-	40	35	121	-	199
WISCONSIN	-	123	3	123	-	-	-	-	163	-	-	-	-	-	59	159	795	-	1,020
WYOMING	-	47	-	50	-	-	-	-	3	-	-	-	-	-	1	16	121	-	165
TOTAL	52	11,142	132	11,326	-	-	11	72	7,057	177	238	93.4	2.3	-	4,667	7,165	33,189	5,376	50,955
PERCENT/SYSTEM	0.4	98.4	1.2	100.0	-	-	0.1	1.0	3.2	93.4	3.2	2.3	-	-	9.2	14.1	65.0	10.6	100.0

LANE WIDTH - URBAN - 1988¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 4 OF 4
SEPTEMBER 1989MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL							COLLECTOR						
	LANE WIDTH IN FEET						TOTAL	LANE WIDTH IN FEET						TOTAL
	< 9	9	10	11	12	> 12		< 9	9	10	11	12	> 12	
ALABAMA	-	114	640	242	459	148	1,603	26	260	705	160	332	230	1,713
ALASKA 2/	-	-	-	8	66	-	74	4	-	13	34	136	17	204
ARIZONA	3	-	40	127	1,267	70	1,507	-	5	66	69	862	29	1,031
ARKANSAS	26	62	414	147	286	54	989	73	191	333	64	229	114	1,004
CALIFORNIA	39	18	645	702	6,054	805	8,263	228	354	815	531	5,051	706	7,685
COLORADO	-	7	125	209	694	108	1,143	9	36	188	256	517	154	1,160
CONNECTICUT	5	11	62	98	691	80	947	177	194	281	261	408	597	1,918
DELAWARE	9	11	23	13	37	39	132	9	28	56	4	34	41	172
DIST. OF COL.	2	19	91	27	12	1	152	-	40	74	18	22	2	156
FLORIDA	-	11	202	237	1,682	288	2,420	26	253	1,514	655	1,841	495	4,784
GEORGIA	-	71	527	321	691	480	2,090	-	126	459	323	434	478	1,820
HAWAII	-	9	53	17	14	23	116	8	12	77	14	24	45	180
IDAHO	-	5	24	47	278	2	356	1	18	40	47	278	1	385
ILLINOIS	13	117	967	701	1,422	316	3,536	83	265	724	545	1,278	383	3,278
INDIANA	41	201	708	404	634	271	2,259	50	451	726	231	283	184	1,925
IOWA	2	22	33	127	420	686	1,290	5	15	51	94	300	575	1,040
KANSAS	-	156	28	161	649	-	994	-	229	116	181	252	-	778
KENTUCKY	20	162	313	203	250	70	1,018	89	250	243	152	107	60	901
LOUISIANA	1	38	348	136	579	-	1,102	-	169	559	106	277	25	1,136
MAINE	3	10	68	42	103	70	296	2	29	131	56	68	106	392
MARYLAND	9	44	172	156	367	201	949	96	101	340	132	354	151	1,174
MASSACHUSETTS	7	12	240	382	682	1,099	2,422	83	95	710	232	850	755	2,725
MICHIGAN	14	36	782	1,134	1,186	557	3,709	42	119	655	996	761	312	2,885
MINNESOTA	-	-	62	90	1,310	13	1,475	1	2	78	118	1,615	20	1,834
MISSISSIPPI	1	46	235	119	195	84	680	7	80	373	72	158	72	762
MISSOURI	-	101	482	460	460	106	1,609	24	117	463	281	430	118	1,433
MONTANA	-	-	6	29	159	17	211	1	10	35	18	160	5	229
NEBRASKA	13	11	53	84	287	84	532	60	22	64	46	141	70	403
NEVADA	-	2	8	2	334	-	346	2	-	44	-	392	-	438
NEW HAMPSHIRE	4	16	26	73	195	40	354	37	23	60	60	136	25	341
NEW JERSEY	-	29	509	338	1,197	792	2,865	94	46	349	355	251	807	1,902
NEW MEXICO	-	8	64	33	186	71	362	3	2	27	59	162	86	339
NEW YORK	-	20	617	755	2,294	463	4,149	167	435	931	998	879	527	3,937
NORTH CAROLINA	33	381	320	264	1,147	-	2,145	36	302	268	120	634	-	1,360
NORTH DAKOTA	3	1	4	14	240	3	265	-	-	18	19	189	-	226
OHIO	6	289	797	302	1,090	309	2,793	125	686	1,221	394	1,040	659	4,125
OKLAHOMA	37	156	407	244	696	343	1,883	10	106	206	178	198	507	1,205
OREGON	-	17	159	245	436	56	913	27	102	245	208	463	98	1,143
PENNSYLVANIA	54	236	806	731	740	260	2,827	273	558	1,119	541	540	146	3,177
RHODE ISLAND	-	8	51	70	185	119	433	17	65	101	67	88	110	448
SOUTH CAROLINA	-	11	176	173	460	74	894	17	85	508	142	299	103	1,154
SOUTH DAKOTA	4	4	8	33	192	3	244	8	1	8	44	101	-	162
TENNESSEE	1	26	122	234	556	18	957	46	246	454	369	616	67	1,798
TEXAS	23	57	896	813	3,324	260	5,373	164	354	1,185	944	3,034	1,130	6,811
UTAH	-	1	3	5	406	6	421	-	4	16	67	392	-	479
VERMONT 2/	1	10	14	45	31	15	116	3	16	44	24	24	21	132
VIRGINIA	17	153	446	337	458	207	1,618	65	303	510	149	188	177	1,392
WASHINGTON	9	81	365	448	613	155	1,671	70	162	562	407	456	119	1,776
WEST VIRGINIA 2/	19	68	81	47	99	-	314	59	131	76	33	101	-	400
WISCONSIN	19	16	197	576	1,102	-	1,910	16	62	421	350	573	-	1,422
WYOMING	-	6	9	26	127	33	201	-	3	45	63	161	24	296
TOTAL	438	2,890	13,428	12,231	37,042	8,899	74,928	2,343	7,163	18,307	11,287	28,119	10,351	77,570
PERCENT/SYSTEM	0.6	3.9	17.9	16.3	49.4	11.9	100.0	3.0	9.2	23.6	14.6	36.3	13.3	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
2/ 1987 BASE DATA FACTORED TO 1988 LEVELS (1988 BASE DATA NOT AVAILABLE).

TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1988
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55
SHEET 1 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, INTERSTATE, OTHER PRINCIPAL ARTERIAL, and MINOR ARTERIAL. Each section includes sub-columns for 4 Lanes, 2 Lanes, and Degree of Access Control (None, Partial, Full). Rows list various states and a final 'TOTAL' row.

TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1988¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55
SHEET 2 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MAJOR COLLECTOR										MINOR COLLECTOR									
	2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL	2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES				TOTAL	OTHER 2/	TOTAL			
	NONE	PARTIAL	DEGREE OF ACCESS CONTROL 3/		TOTAL	NONE			PARTIAL	DEGREE OF ACCESS CONTROL 3/		TOTAL								
			NONE	FULL			NONE	FULL												
ALABAMA	11,392	83	-	-	83	9	11,484	6,996	-	-	-	-	-	-	6,996					
ALASKA 4/	1,992	-	-	-	-	-	1,992	799	-	-	-	-	-	-	799					
ARIZONA	3,840	102	-	-	102	136	3,976	3,168	2	-	-	-	-	71	3,241					
ARKANSAS	12,378	7	-	-	7	7	12,392	6,573	-	-	-	-	-	-	6,580					
CALIFORNIA	12,698	27	39	-	66	57	12,821	9,896	6	-	-	-	-	2	9,904					
COLORADO	7,220	-	30	-	30	40	7,290	11,626	1	-	-	-	-	401	12,028					
CONNECTICUT	960	-	-	-	-	-	960	1,135	-	-	-	-	-	-	1,136					
DELAWARE	596	10	-	-	10	-	606	154	-	-	-	-	-	-	154					
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
FLORIDA	4,648	36	-	-	36	-	4,684	4,976	46	-	-	-	-	177	5,199					
GEORGIA	14,018	-	-	-	-	11	14,029	7,324	-	-	-	-	-	17	7,341					
HAWAII	480	-	-	-	-	-	480	113	-	-	-	-	-	-	113					
IDAHO	4,544	1	15	-	16	363	4,925	3,401	-	-	-	-	-	415	3,816					
ILLINOIS	14,174	14	62	3	79	12	14,262	3,595	-	-	-	-	-	2	3,597					
INDIANA	9,117	53	-	-	53	483	9,633	10,370	-	-	-	-	-	-	10,370					
IOWA	13,443	-	-	-	-	63	13,506	16,319	-	-	-	-	-	79	16,398					
KANSAS	22,633	36	-	-	36	10	22,679	9,331	-	-	-	-	-	-	9,332					
KENTUCKY	7,320	18	-	17	35	-	7,365	9,315	-	-	-	-	-	-	9,316					
LOUISIANA	7,057	286	-	-	286	10	7,353	4,506	-	-	-	-	-	-	3,849					
MAINE	3,278	-	-	-	-	-	3,278	2,254	-	-	-	-	-	-	2,254					
MARYLAND	1,880	-	23	-	23	4	1,907	1,894	-	-	-	-	-	-	1,894					
MASSACHUSETTS	1,959	-	-	-	-	38	2,007	1,950	-	-	-	-	-	-	1,950					
MICHIGAN	17,059	36	-	-	36	92	17,161	7,517	-	-	-	-	-	12	7,529					
MINNESOTA	16,581	-	-	-	-	2	16,619	11,905	-	-	-	-	-	-	11,905					
MISSISSIPPI	11,703	-	15	-	15	-	11,718	2,933	-	-	-	-	-	-	2,934					
MISSOURI	18,088	8	7	-	15	13	18,116	5,411	-	-	-	-	-	-	5,411					
MONTANA	6,658	-	-	-	-	-	6,658	9,064	-	-	-	-	-	373	9,437					
NEBRASKA	11,447	-	2	-	2	-	11,449	9,236	-	-	-	-	-	-	9,236					
NEVADA	2,314	14	-	-	14	-	2,328	2,446	-	-	-	-	-	5	2,451					
NEW HAMPSHIRE	1,233	4	-	-	4	-	1,237	1,235	-	-	-	-	-	2	1,237					
NEW JERSEY	1,662	41	-	-	41	67	1,770	1,238	-	-	-	-	-	-	1,238					
NEW MEXICO	4,418	104	-	-	104	29	4,551	2,011	-	-	-	-	-	2	2,023					
NEW YORK	6,299	3	-	-	3	6	6,308	10,795	-	-	-	-	-	-	10,795					
NORTH CAROLINA	10,192	4	-	-	4	284	10,480	9,121	-	-	-	-	-	1	9,122					
NORTH DAKOTA	11,112	-	-	-	-	-	11,112	7,475	-	-	-	-	-	-	7,475					
OHIO	11,137	-	203	-	203	260	11,649	7,293	-	-	-	-	-	-	7,293					
OKLAHOMA	21,294	73	19	1	93	7	21,394	3,105	-	-	-	-	-	-	3,105					
OREGON	9,579	12	-	-	12	53	9,644	7,087	-	-	-	-	-	-	7,087					
PENNSYLVANIA	7,435	-	-	-	-	543	7,978	8,403	-	-	-	-	-	15	8,418					
RHODE ISLAND	192	4	-	-	4	10	206	134	-	-	-	-	-	-	137					
SOUTH CAROLINA	8,320	100	-	-	100	99	8,519	4,005	-	-	-	-	-	-	4,005					
SOUTH DAKOTA	11,478	-	-	-	-	-	11,478	6,873	-	-	-	-	-	-	6,874					
TENNESSEE	5,420	9	-	-	9	21	5,450	10,636	30	-	-	-	-	94	10,760					
TEXAS	37,118	437	27	44	508	290	37,916	18,501	7	-	-	-	-	44	18,552					
UTAH	2,969	30	-	-	30	34	3,033	4,284	-	-	-	-	-	15	4,299					
VERMONT 4/	1,945	1	-	-	1	-	1,946	1,019	-	-	-	-	-	-	1,019					
VIRGINIA	10,049	106	-	-	106	53	10,208	2,403	-	-	-	-	-	-	2,403					
WASHINGTON	7,191	42	-	-	42	63	7,296	6,513	-	-	-	-	-	-	6,513					
WEST VIRGINIA 4/	6,368	-	-	-	-	3	6,371	2,169	-	-	-	-	-	-	2,169					
WISCONSIN	13,653	-	-	-	-	-	13,653	6,462	-	-	-	-	-	-	6,462					
WYOMING	2,466	-	-	-	-	-	2,466	7,369	-	-	-	-	-	90	7,459					
TOTAL	430,827	1,754	442	65	2,261	3,179	436,267	292,138	107	1	-	-	108	1,826	294,072					
PERCENT/SYSTEM	98.8	0.4	0.1	0.0	0.5	0.7	100.0	99.4	0.0	-	-	-	0.0	0.6	100.0					

TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1988¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55
SHEET 4 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL						COLLECTOR					
	2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES				2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES			
		TOTAL	DEGREE OF ACCESS CONTROL 3/			OTHER Z/	TOTAL		DEGREE OF ACCESS CONTROL 3/			TOTAL
			NONE	PARTIAL	FULL				NONE	PARTIAL	FULL	
ALABAMA	1,193	68	-	6	342	1,603	1,646	6	-	6	61	1,713
ALASKA 4/	151	10	4	-	13	174	199	-	-	-	62	234
ARIZONA	883	332	63	-	225	1,507	941	10	-	28	92	1,031
ARKANSAS	874	-	-	-	115	989	990	-	-	1	13	1,004
CALIFORNIA	4,865	1,771	73	-	1,603	8,263	6,881	321	-	321	373	7,685
COLORADO	659	107	52	4	221	1,413	9,017	21	-	21	122	1,180
CONNECTICUT	89	14	-	-	22	143	1,854	-	-	-	64	1,918
DELAWARE	97	13	-	-	22	132	163	2	-	2	7	172
DIST. OF COL.	94	6	-	-	52	152	138	3	-	3	15	156
FLORIDA	1,088	1,051	16	-	265	2,420	4,315	305	3	308	161	4,784
GEORGIA	1,681	18	-	-	391	2,090	1,714	7	-	7	99	1,820
HAWAII	663	24	-	-	29	116	170	-	-	-	10	180
IDAHO	295	15	4	3	39	356	380	-	1	1	4	385
ILLINOIS	2,257	342	26	1	910	3,536	2,909	69	1	70	299	3,278
INDIANA	1,968	51	-	-	240	2,259	1,868	6	-	6	51	1,925
IOWA	894	29	-	-	367	1,290	879	2	-	2	159	1,040
KANSAS	856	110	11	3	14	994	754	9	12	21	3	778
KENTUCKY	851	63	18	-	86	1,018	882	7	-	7	12	901
LOUISIANA	790	212	19	-	81	1,102	1,016	48	-	48	72	1,186
MAINE	278	-	-	-	18	286	387	-	-	-	5	392
MARYLAND	661	154	18	-	116	949	872	62	-	62	240	1,174
MASSACHUSETTS	2,415	4	-	-	3	2,422	2,723	-	-	-	2	2,725
MICHIGAN	2,751	126	9	-	823	3,709	2,656	57	-	57	132	3,838
MINNESOTA	1,007	224	16	-	228	1,475	1,824	55	3	58	152	1,934
MISSISSIPPI	608	1	3	-	68	680	726	4	-	4	29	762
MISSOURI	1,425	2	18	-	164	1,600	1,378	-	-	-	55	1,433
MONTANA	455	5	2	-	44	532	388	9	-	9	6	403
NEBRASKA	435	33	-	-	44	532	388	9	-	9	6	403
NEVADA	152	36	-	-	158	346	352	36	-	36	50	438
NEW HAMPSHIRE	335	15	1	-	33	341	341	-	-	-	341	1,902
NEW JERSEY	2,620	4	-	-	241	2,865	1,784	9	-	9	109	1,902
NEW MEXICO	2,217	51	-	-	94	3,622	2,984	-	-	-	41	3,339
NEW YORK	3,355	323	68	21	382	4,149	3,711	43	5	48	178	3,937
NORTH CAROLINA	1,870	18	-	-	257	2,145	1,347	-	-	-	13	1,360
NORTH DAKOTA	231	1	7	-	26	265	221	-	-	-	5	226
OHIO	2,039	217	14	10	513	2,793	3,911	32	-	32	182	4,125
OKLAHOMA	1,409	107	2	-	365	1,883	1,137	6	-	6	62	1,205
OREGON	1,736	17	-	-	160	1,913	1,084	-	-	-	59	1,143
PENNSYLVANIA	2,419	127	-	24	257	2,827	3,088	6	-	6	83	3,177
RHODE ISLAND	346	2	7	-	78	433	448	-	-	-	-	448
SOUTH CAROLINA	670	163	-	-	61	894	1,041	68	-	68	45	1,154
SOUTH DAKOTA	232	1	1	-	11	244	161	-	-	-	71	1,796
TENNESSEE	630	92	1	4	250	977	1,666	59	-	59	452	2,118
TEXAS	3,584	563	16	-	1,210	5,373	6,129	227	3	230	75	6,811
UTAH	270	100	14	1	36	421	371	55	-	55	53	479
VERMONT 4/	134	-	-	-	2	136	132	-	-	-	-	132
VIRGINIA	1,134	270	6	15	192	1,618	1,293	46	2	48	51	1,392
WASHINGTON	1,216	53	-	-	402	1,671	1,691	10	-	10	75	1,776
WEST VIRGINIA 4/	291	8	13	-	14	314	383	10	5	10	7	400
WISCONSIN	1,489	214	3	-	227	1,910	1,340	56	-	61	21	1,422
WYOMING	172	3	-	-	23	201	295	-	-	-	1	296
TOTAL	55,765	7,114	508	90	11,451	74,928	72,031	1,676	48	1,724	3,815	77,570
PERCENT/SYSTEM	74.4	9.5	0.7	0.1	15.3	100.0	92.9	2.1	0.1	2.2	4.9	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.
 2/ INCLUDES 3 LANE ROADWAYS, ONE-WAY STREETS, UNDIVIDED 4 LANE HIGHWAYS, ETC.
 3/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS.
 4/ 1987 BASE DATA FACTORED TO 1988 LEVELS (1988 BASE DATA NOT AVAILABLE).
 BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS, 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.

AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1988
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-57
SHEET 2 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MAJOR COLLECTOR						MINOR COLLECTOR						TOTAL
	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	LESS THAN 100	100-499	500-999	1,000-4,999	5,000-9,999	10,000 AND OVER	
ALABAMA	259	3,401	4,201	3,420	155	48	357	4,486	1,869	279	-	5	6,996
ALASKA 2/	687	594	289	364	53	5	1,992	185	184	61	9	-	7,799
ARIZONA	489	744	535	1,629	328	93	1,735	1,081	122	122	-	-	3,241
ARKANSAS	858	4,771	3,859	2,819	71	14	3,328	2,855	318	79	-	-	6,580
CALIFORNIA	324	2,510	2,913	5,625	993	456	891	4,175	1,946	2,993	92	7	9,904
COLORADO	397	2,539	3,143	1,088	106	17	6,684	4,003	986	339	14	2	12,028
CONNECTICUT	-	-	23	674	199	64	-	355	346	418	16	1	1,136
DELAWARE	-	13	83	441	59	10	8	20	55	67	4	-	154
DIST. OF COL	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	513	922	1,362	2,021	299	80	4,684	2,852	1,087	1,108	53	14	5,199
GEORGIA	-	5,199	2,423	5,530	287	77	14,029	2,678	1,097	493	21	-	7,341
HAWAII	-	8	148	233	59	30	480	21	18	53	18	3	113
IDAHO	1,047	2,130	919	769	54	7	4,926	954	170	46	-	-	3,816
ILLINOIS	280	5,593	2,504	5,647	219	19	14,262	2,429	490	207	1	-	3,597
INDIANA	90	1,670	2,234	4,136	374	1,069	9,633	7,109	1,105	84	-	-	10,370
IOWA	1,107	7,429	3,159	1,792	9	-	13,506	4,998	662	1	-	-	16,398
KANSAS	7,812	11,434	2,415	973	36	9	22,679	7,965	152	53	-	-	9,332
KENTUCKY	-	1,044	1,316	4,660	308	27	7,355	6,343	1,576	1,146	15	3	9,316
LOUISIANA	-	674	2,150	4,039	384	106	2,268	2,568	807	978	42	-	4,306
MAINE	-	247	923	1,991	106	11	3,278	769	848	606	5	-	2,254
MARYLAND	-	55	159	1,357	265	71	1,907	664	618	568	31	6	1,894
MASSACHUSETTS	-	373	273	1,212	128	22	2,007	1,165	224	356	5	-	1,950
MICHIGAN	504	3,817	3,083	8,828	803	126	17,161	9,939	1,740	1,121	11	-	7,529
MINNESOTA	1,296	7,390	4,848	3,006	67	12	16,619	7,303	683	306	10	-	11,905
MISSISSIPPI	737	5,830	2,589	2,350	212	-	11,718	1,813	387	134	7	-	2,934
MISSOURI	588	10,198	3,028	4,095	176	33	18,116	6,424	972	73	-	-	5,411
MONTANA	2,209	3,327	4,423	562	15	2	6,658	2,853	160	-	-	-	9,437
NEBRASKA	3,503	6,264	1,244	430	4	4	11,449	2,168	23	27	-	-	9,236
NEVADA	171	1,521	276	309	37	14	2,328	745	135	50	2	-	2,451
NEW HAMPSHIRE	-	-	165	891	116	24	1,237	490	413	307	15	-	1,237
NEW JERSEY	18	-	102	1,071	473	95	1,770	107	154	929	41	3	1,237
NEW MEXICO	774	1,789	1,000	901	69	18	4,551	757	152	112	-	-	2,023
NEW YORK	-	178	1,678	3,935	466	51	6,308	4,023	3,889	2,844	120	43	10,795
NORTH CAROLINA	6	575	1,570	7,086	1,183	280	10,480	2,225	3,889	140	24	-	9,122
NORTH DAKOTA	5,533	4,857	708	14	-	-	11,412	6,617	-	-	-	-	7,475
OHIO	-	1,596	2,715	6,635	603	100	11,849	3,243	1,826	1,665	47	-	7,293
OKLAHOMA	6,210	6,996	3,931	4,017	200	40	21,394	920	45	35	1	-	3,105
OREGON	1,372	3,612	2,359	2,165	109	27	9,844	2,145	951	2,036	-	-	7,087
PENNSYLVANIA	428	922	1,723	4,354	453	98	7,978	3,398	2,529	60	9	-	8,418
RHODE ISLAND	-	51	18	126	11	-	208	44	48	45	-	-	6,137
SOUTH CAROLINA	46	2,287	2,517	3,286	326	57	8,519	2,765	608	275	5	-	4,005
SOUTH DAKOTA	3,938	6,854	547	109	5	25	11,478	1,241	511	-	-	-	6,874
TENNESSEE	-	1,944	712	2,522	224	48	5,450	6,779	1,725	35	6	-	10,760
TEXAS	1,074	14,406	10,033	11,330	834	239	37,916	11,965	1,987	869	26	3	18,552
UTAH	322	1,641	622	385	57	6	3,033	1,300	107	78	-	-	4,299
VERMONT 2/	-	235	41	1,187	41	2	1,946	730	295	18	1	-	1,019
VIRGINIA	-	3,468	634	3,977	485	114	10,208	1,635	541	251	5	-	2,403
WASHINGTON	1,208	2,570	634	2,186	560	138	7,296	2,809	617	187	-	-	6,513
WEST VIRGINIA 2/	109	1,459	1,320	3,194	265	24	6,371	1,292	476	155	-	-	2,189
WISCONSIN	-	5,017	4,771	3,754	101	14	13,657	3,724	1,355	276	-	-	7,462
WYOMING	191	1,654	348	293	107	-	2,493	3,744	-	65	-	-	7,469
TOTAL	44,102	151,859	90,569	133,558	12,374	3,805	436,267	129,873	36,873	29,901	1,127	131	294,072
PERCENT/SYSTEM	10.1	34.8	20.8	30.6	2.8	0.9	100.0	44.2	12.5	10.2	0.4	0.0	100.0

AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1988¹ MILEAGE BY FUNCTIONAL SYSTEM

TABLE HH-57
SHEET 4 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL								COLLECTOR							
	AVERAGE DAILY TRAFFIC VOLUME								AVERAGE DAILY TRAFFIC VOLUME							
	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	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		
ALABAMA	63	608	284	358	230	60	1,603	266	914	255	232	45	1	1,713		
ALASKA 2/	-	136	294	362	369	136	1,507	36	42	64	34	15	-	204		
ARIZONA	183	340	197	187	80	2	989	526	324	120	137	67	-	1,031		
ARKANSAS	309	1,050	963	2,245	2,694	1,002	8,263	1,048	3,170	1,412	1,508	506	41	7,685		
CALIFORNIA	130	308	234	307	156	8	1,143	1,143	592	1,136	1,128	17	-	1,660		
CONNECTICUT	23	139	69	389	278	28	947	333	756	379	355	70	3	1,918		
DELAWARE	1	21	40	26	53	10	132	26	48	19	53	24	2	172		
DIST. OF COL.	-	114	34	564	101	15	152	-	20	50	73	13	-	156		
FLORIDA	3	434	271	585	917	669	2,420	385	1,350	1,085	1,266	592	106	4,784		
GEORGIA	2	6	6	27	496	166	2,090	661	576	191	258	91	43	1,820		
HAWAII	34	86	75	106	53	2	356	102	177	68	32	6	-	385		
IDaho	43	503	450	896	1,166	478	3,536	526	476	476	628	674	28	3,278		
ILLINOIS	113	810	336	517	384	99	2,259	806	680	197	806	42	9	1,925		
INDIANA	230	421	259	299	79	2	1,290	436	449	98	52	5	-	1,040		
IOWA	82	287	209	261	139	16	994	253	317	125	76	7	-	778		
KANSAS	10	136	167	356	279	123	1,018	229	353	135	240	49	1	901		
KENTUCKY	44	234	180	331	220	93	1,102	257	301	301	238	25	14	1,136		
LOUISIANA	4	50	57	122	53	4	296	58	197	88	46	3	-	392		
MAINE	21	116	128	280	305	99	949	235	367	195	281	84	22	1,174		
MARYLAND	11	208	512	1,661	28	2	2,422	102	1,624	972	102	3	-	2,725		
MASSACHUSETTS	165	573	669	1,163	912	237	3,709	529	562	463	663	161	27	2,885		
MICHIGAN	101	285	194	368	408	139	1,475	495	638	216	361	104	20	1,834		
MINNESOTA	38	235	158	190	55	4	680	222	333	110	84	13	-	762		
MISSISSIPPI	172	636	422	224	114	41	1,609	463	595	112	202	61	-	1,433		
MISSOURI	27	171	41	150	122	-	211	86	107	17	229	2	-	403		
NEBRASKA	14	143	89	155	107	13	532	75	191	52	69	16	-	438		
NEVADA	25	94	52	94	100	49	346	216	69	16	98	39	-	438		
NEW HAMPSHIRE	26	44	82	124	81	10	354	158	158	84	341	159	2	1,302		
NEW JERSEY	60	260	425	974	1,093	66	2,865	110	646	365	590	20	6	3,339		
NEW MEXICO	32	77	45	93	73	38	362	104	82	60	67	13	-	537		
NEW YORK	18	191	516	1,541	1,430	453	4,149	576	1,503	848	766	244	-	3,937		
NORTH CAROLINA	59	500	539	636	365	46	2,145	585	368	245	137	13	-	1,926		
NORTH DAKOTA	58	85	42	80	21	-	265	30	90	34	21	418	-	4,125		
OHIO	24	314	482	1,243	639	91	2,793	382	1,330	1,038	944	418	13	4,125		
OKLAHOMA	350	527	295	439	270	62	1,883	470	416	206	89	19	5	1,205		
OREGON	40	195	153	260	242	23	913	224	446	231	182	53	7	1,143		
PENNSYLVANIA	78	478	559	1,020	647	45	2,827	551	1,126	702	635	173	10	3,177		
RHODE ISLAND	27	55	57	134	135	25	433	220	145	46	28	7	2	448		
SOUTH CAROLINA	27	183	136	270	220	58	894	296	460	180	160	51	7	1,154		
SOUTH DAKOTA	70	66	44	53	10	1	244	41	47	41	41	1	-	1,162		
TENNESSEE	11	80	146	336	295	146	697	406	314	269	269	100	12	1,798		
TEXAS	404	1,032	845	1,590	1,262	240	5,373	1,889	2,313	1,358	943	244	64	6,811		
UTAH	34	76	27	81	124	79	421	76	136	84	103	76	4	479		
VERMONT 2/	7	32	30	27	20	-	116	38	56	24	12	2	-	132		
VIRGINIA	18	153	201	531	509	208	1,618	191	473	338	309	77	4	1,392		
WASHINGTON	115	315	241	523	352	125	1,671	441	641	296	330	61	7	1,776		
WEST VIRGINIA 2/	15	61	45	116	66	11	314	100	164	49	67	17	3	400		
WISCONSIN	11	505	362	590	386	56	1,910	416	583	126	111	1	-	1,422		
WYOMING	28	77	38	48	8	2	201	116	116	37	26	1	-	296		
TOTAL	3,722	13,270	11,756	22,892	18,086	5,202	74,928	16,311	28,704	14,477	13,070	4,526	482	77,570		
PERCENT/SYSTEM	5.0	17.7	15.7	30.6	24.1	6.9	100.0	21.0	37.1	18.7	16.8	5.8	0.6	100.0		

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS)
2/ 1987 BASE DATA FACTORED TO 1988 LEVELS (1988 BASE DATA NOT AVAILABLE).

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1988

MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1988
 COMPILLED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 1 OF 4
 SEPTEMBER 1989

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE					OTHER PRINCIPAL ARTERIAL					MINOR ARTERIAL							
	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME		TOTAL						
	LESS THAN 6,000	6,000-9,999		10,000-19,999	20,000 AND OVER		LESS THAN 1,000	1,000-1,999		2,000-2,999	3,000-9,999		10,000-14,999	15,000 AND OVER	LESS THAN 1,000	1,000-1,999	2,000-2,999	3,000-9,999
UNDIVIDED:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LESS THAN 9 FEET	66	-	66	-	-	39	4	18	56	11	112	72	2	222	2	410	2	410
9 FEET	38	-	38	-	-	166	82	585	1,014	197	1,516	670	806	1,114	33	4,139	33	4,139
10 FEET	83	-	83	-	-	410	600	1,783	3,711	2,466	6,441	3,432	4,366	5,257	165	19,225	165	19,225
11 FEET	982	24	1,006	25	85	3,799	1,860	9,570	22,707	7,903	8,115	6,116	7,548	5,512	610	28,010	610	28,010
12 FEET	-	-	-	-	-	483	672	315	1,454	49,265	21,164	14,508	22,570	25,040	1,279	85,181	1,279	85,181
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	22	1,874	958	1,415	3,038	217	5,377	217	5,377
TOTAL UNDIVIDED	1,169	26	1,195	25	56	4,897	14,360	12,241	28,948	618	39,222	25,756	36,727	37,984	849	142,842	849	142,842
DIVIDED:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LESS THAN 9 FEET	-	-	-	-	-	-	1	2	54	5	56	56	6	171	-	36	-	36
9 FEET	-	-	-	-	-	-	119	239	3,822	401	124	131	127	401	74	75	383	383
10 FEET	-	-	-	-	-	-	120	5	35	1,613	3,822	1,838	1,915	7,631	448	3,081	448	3,081
11 FEET	-	-	-	-	-	-	-	5	35	99	5	9	16	99	43	104	43	104
12 FEET	-	-	-	-	-	-	-	5	35	99	5	9	16	99	43	104	43	104
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	-	-	-	-	120	265	4,040	2,086	1,796	2,086	2,081	8,307	645	3,604	645	3,604
PARTIAL ACCESS CONTROL: 2/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	16	16	16	16	16	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	17	17	17	17	17	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	22	22	22	22	22	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	24	24	24	24	24	-	-	-	-
12 FEET	-	15	15	5	22	15	175	302	2,329	809	809	72	366	226	19	739	61	739
GREATER THAN 12 FEET	-	-	-	-	-	-	-	1	53	11	11	14	14	14	4	18	4	18
SUBTOTAL	-	15	15	5	22	15	175	306	2,405	844	844	72	380	226	84	778	84	778
FULL ACCESS CONTROL: 2/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	1	4	4	4	4	4	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	2	2	2	2	2	2	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	34	34	34	34	34	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	912	912	912	912	912	-	-	-	-
12 FEET	5,471	6,198	11,669	8,126	31,799	5,471	50	222	2,430	1,196	1,196	154	154	4,810	48	225	48	225
GREATER THAN 12 FEET	51	16	67	37	184	51	50	222	2,436	17	17	20	20	20	7	7	7	7
SUBTOTAL	5,522	6,225	11,736	8,165	32,005	5,522	50	222	2,436	1,230	1,230	154	154	4,871	55	232	55	232
TOTAL DIVIDED	5,522	6,240	11,736	8,170	32,027	15	345	793	8,881	3,870	3,870	302	2,615	814	784	4,614	784	4,614
TOTAL	6,691	6,266	12,151	8,195	33,303	4,912	14,705	13,034	37,829	5,810	4,488	39,342	3,118	147,456	1,633	147,456	1,633	147,456

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1988
MILEAGE BY FUNCTIONAL SYSTEM

MILEAGE AS OF DECEMBER 31, 1988
 COMPILED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-59
 SHEET 2 OF 4
 SEPTEMBER 1989

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MAJOR COLLECTOR						MINOR COLLECTOR						TOTAL					
	AVERAGE DAILY TRAFFIC VOLUME			TOTAL	AVERAGE DAILY TRAFFIC VOLUME			TOTAL										
	LESS THAN 100	100- 499	500- 999		1,000- 4,999	5,000- 9,999	10,000 AND OVER		LESS THAN 100	100- 499	500- 999	1,000- 4,999		5,000- 9,999	10,000 AND OVER			
UNDIVIDED:																		
LESS THAN 9 FEET	3,611	6,042	1,886	555	-	12,094	16,497	16,139	3,535	1,456	1	-	-	-	-	-	-	37,628
9 FEET	4,586	17,187	10,983	13,816	252	46,826	15,887	34,260	9,590	6,386	35	17	-	-	-	-	-	66,175
10 FEET	9,467	53,973	30,245	38,415	1,959	134,524	23,216	39,715	12,022	9,935	365	3	-	-	-	-	-	85,256
11 FEET	11,805	31,870	20,417	32,113	1,961	98,518	15,735	19,778	5,781	5,823	317	63	-	-	-	-	-	47,497
12 FEET	12,468	38,366	25,066	43,064	7,043	128,503	19,821	17,216	5,284	5,565	350	42	-	-	-	-	-	48,278
GREATER THAN 12 FEET	2,165	4,247	1,650	4,367	620	13,261	5,004	2,673	648	640	51	3	-	-	-	-	-	9,019
TOTAL UNDIVIDED	44,102	151,685	90,247	132,330	11,835	433,526	96,160	129,781	36,860	29,805	1,119	128	-	-	-	-	-	293,853
DIVIDED:																		
NO ACCESS CONTROL:																		
LESS THAN 9 FEET	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	4
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	166	15	189	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	95	6	105	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	174	275	585	348	1,797	-	-	7	-	-	-	-	-	-	-	-	68
GREATER THAN 12 FEET	-	-	-	11	72	98	-	26	6	-	7	3	-	-	-	-	-	32
SUBTOTAL	-	174	275	857	441	2,189	-	92	13	95	7	3	-	-	-	-	-	210
PARTIAL ACCESS CONTROL: 2/																		
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	-	335	91	446	-	-	-	-	-	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	-	335	91	452	-	-	-	-	-	-	-	-	-	-	-	-
FULL ACCESS CONTROL: 2/																		
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	47	36	7	100	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	47	36	7	100	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DIVIDED	-	174	322	1,228	539	2,741	7	92	13	96	8	3	-	-	-	-	-	219
TOTAL	44,102	151,859	90,569	133,558	12,374	436,267	96,167	129,873	36,873	29,901	1,127	131	-	-	-	-	-	294,072

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1988¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-59
SHEET 4 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
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	
UNDIVIDED:	97	148	87	58	42	3	435	1,203	825	252	70	3	2,353
LESS THAN 9 FEET	416	995	446	641	269	49	2,816	2,651	3,028	944	428	68	7,128
9 FEET	1,011	3,417	2,132	3,471	2,409	497	12,937	4,930	7,643	3,340	1,999	511	17,926
10 FEET	468	2,446	2,052	3,767	2,067	371	11,171	1,883	4,127	1,876	2,439	562	10,975
11 FEET	1,395	4,800	5,350	10,107	7,386	1,382	30,420	4,474	9,115	5,599	5,236	1,991	26,566
12 FEET	263	1,257	1,440	3,099	2,071	231	8,361	1,642	3,678	1,981	2,070	661	10,063
GREATER THAN 12 FEET													
TOTAL UNDIVIDED	3,650	13,063	11,507	21,143	14,244	2,533	66,140	16,243	28,416	13,992	12,242	3,796	75,011
DIVIDED:													
NO ACCESS CONTROL:													
LESS THAN 9 FEET	-	-	-	-	1	-	1	3	-	-	-	-	3
9 FEET	-	-	-	63	5	-	75	4	2	5	1	-	12
10 FEET	7	9	4	100	139	200	459	11	61	60	94	72	313
11 FEET	20	9	28	92	622	212	983	-	76	40	109	72	318
12 FEET	38	175	174	1,155	2,557	1,934	6,013	31	83	281	498	548	1,546
GREATER THAN 12 FEET	6	4	29	148	209	129	525	13	64	83	115	30	315
SUBTOTAL	71	197	235	1,538	3,533	2,482	8,056	62	286	469	817	722	2,507
PARTIAL ACCESS CONTROL: 2/													
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	33	-	-	33	-	2	9	-	-	10
11 FEET	-	-	7	20	13	14	54	-	-	-	-	-	3
12 FEET	-	3	6	127	246	147	530	5	-	4	11	8	36
GREATER THAN 12 FEET	-	2	-	7	6	3	18	-	-	3	-	-	3
SUBTOTAL	1	5	13	187	265	164	635	6	2	16	11	8	52
FULL ACCESS CONTROL:													
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	5	1	4	44	23	77	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	5	1	24	44	23	97	-	-	-	-	-	-
TOTAL DIVIDED	72	207	249	1,749	3,842	2,669	8,788	68	288	485	828	730	2,559
TOTAL	3,722	13,270	11,756	22,892	18,086	5,202	74,928	16,311	28,704	14,477	13,070	4,526	77,570

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (48 FOR 1988 AND 3 FOR 1987). FACTORED TO NATIONWIDE 1988 LEVELS.
2/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND DIRECT PRIVATE DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

VOLUME-SERVICE FLOW RATIO - RURAL - 1988
MILEAGE BY FUNCTIONAL SYSTEM

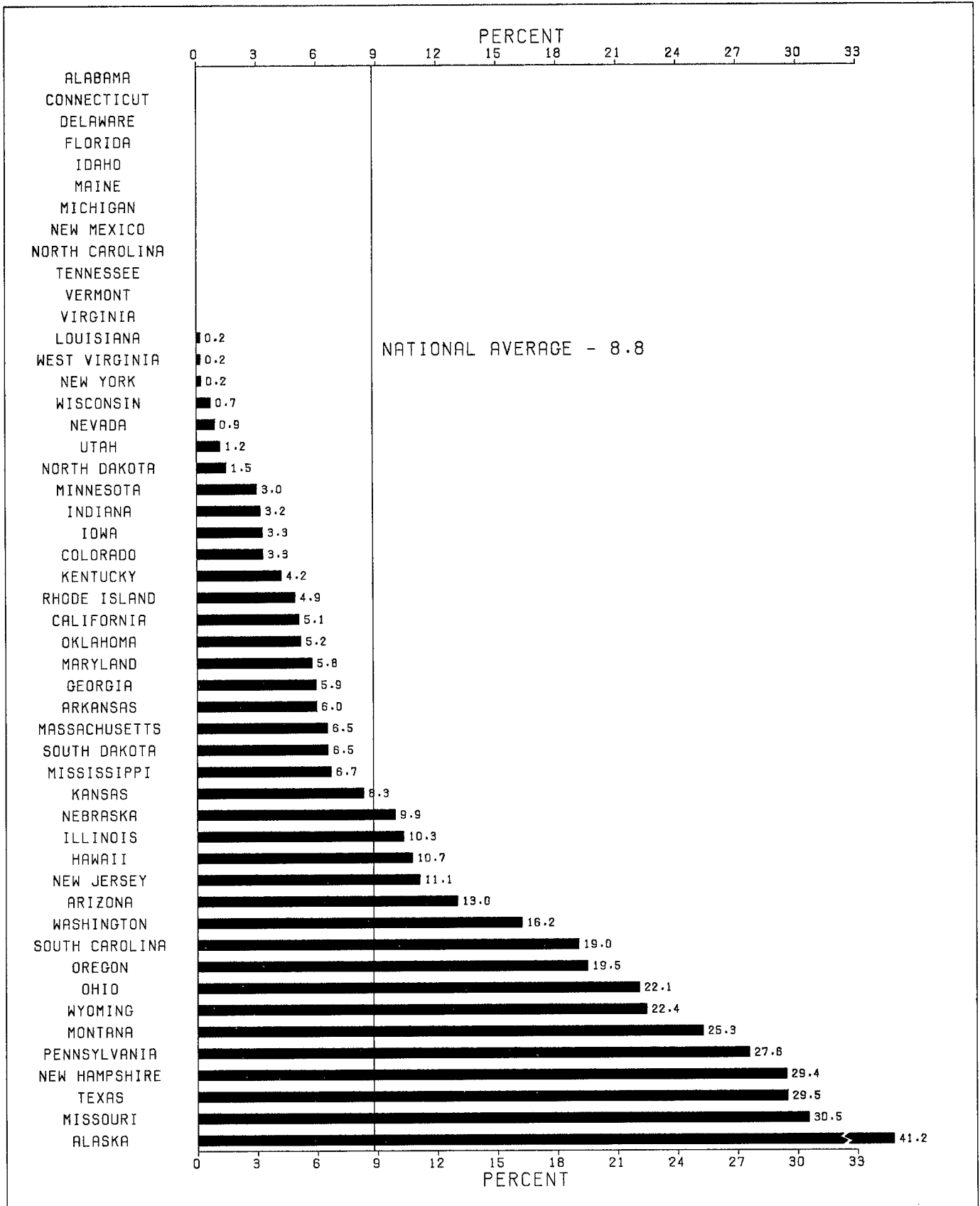
TABLE HM-61
SHEET 2 OF 4
SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with 23 columns: STATE, MAJOR COLLECTOR (LESS THAN .21, .21-.30, .31-.40, .41-.70, .71-.95, GREATER THAN .95, TOTAL), MINOR COLLECTOR (LESS THAN .21, .21-.30, .31-.40, .41-.70, .71-.95, GREATER THAN .95, TOTAL), and PERCENT/SYSTEM. Rows include states from Alabama to Wyoming and a TOTAL row.

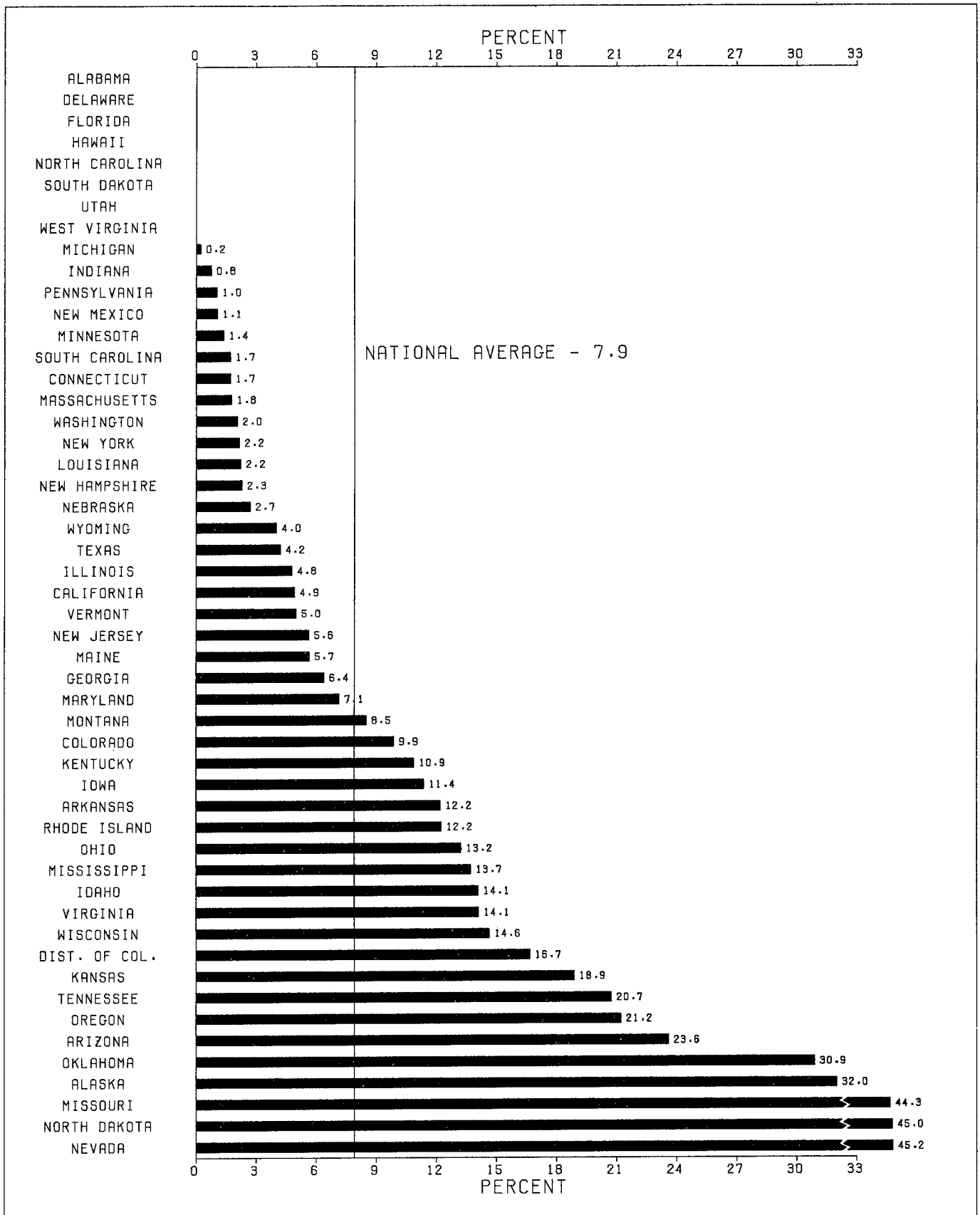
RURAL INTERSTATE PAVEMENT CONDITION - 1988

PERCENT MILES WITH PSR < 2.5



URBAN INTERSTATE PAVEMENT CONDITION - 1988

PERCENT MILES WITH PSR < 2.5



PAVEMENT CONDITION - RURAL - 1988
 MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
 SHEET 1 OF 4
 SEPTEMBER 1989

MILEAGE AS OF DECEMBER 31, 1988
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE								OTHER PRINCIPAL ARTERIAL								MINOR ARTERIAL							
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL						
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL						
ALABAMA																								
ALASKA 2/																								
ARIZONA																								
ARKANSAS																								
CALIFORNIA																								
COLORADO																								
CONNECTICUT																								
DELAWARE																								
DIST. OF COL.																								
FLORIDA 2/																								
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 2/																								
VIRGINIA																								
WASHINGTON																								
WEST VIRGINIA 2/																								
WISCONSIN																								
WYOMING																								
TOTAL	2,905	939	10,160	19,299	-	33,303	2,083	1,875	35,061	41,759	-	80,778	4,786	5,212	71,803	65,535	120	147,456						
PERCENT/SYSTEM	8.8	2.9	30.6	57.7	-	100.0	2.6	2.4	43.5	51.5	-	100.0	3.3	3.6	48.5	44.5	0.1	100.0						

PAVEMENT CONDITION - RURAL - 1988¹

MILEAGE BY FUNCTIONAL SYSTEM

 TABLE HM-63
 SHEET 2 OF 4
 SEPTEMBER 1989

 MILEAGE AS OF DECEMBER 31, 1988
 COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MAJOR COLLECTOR						MINOR COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	528	1,452	6,013	3,165	326	11,484	1,096	1,388	3,789	468	255	6,996
ALASKA 2/	244	10	494	120	1,124	1,992	86	-	106	71	536	799
ARIZONA	399	745	947	1,080	707	3,878	253	184	725	564	1,515	3,241
ARKANSAS	176	1,740	7,628	1,559	1,289	12,392	892	175	1,121	291	4,101	6,580
CALIFORNIA	595	306	6,283	4,762	875	12,821	1,119	505	5,143	1,945	1,192	9,904
COLORADO	618	-	3,694	2,114	864	7,290	337	20	1,448	638	9,585	12,028
CONNECTICUT	68	78	494	320	-	960	64	104	487	476	5	1,136
DELAWARE	-	76	297	233	-	606	-	42	55	57	-	154
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 2/	12	801	2,907	861	103	4,684	399	637	3,272	689	202	5,199
GEORGIA	1,213	469	4,617	7,382	348	14,029	932	386	1,965	2,613	1,445	7,341
HAWAII	74	24	275	107	-	480	21	-	73	19	-	113
IDAHO	643	240	2,168	641	1,234	4,926	621	-	766	172	2,257	3,816
ILLINOIS	268	538	6,326	6,267	863	14,262	102	-	1,313	1,357	825	3,597
INDIANA	16	491	4,624	4,502	-	9,633	1,483	1,445	4,221	1,902	1,319	10,370
IOWA	113	-	5,345	6,632	1,416	13,506	13	109	2,363	1,830	12,083	16,398
KANSAS	1,391	1,075	3,794	4,562	11,857	22,679	97	104	382	175	8,574	9,332
KENTUCKY	289	151	6,449	466	-	7,355	1,235	198	7,827	28	28	9,316
LOUISIANA	665	70	3,016	3,602	-	7,353	763	86	1,935	1,278	244	4,306
MAINE	406	92	1,757	1,023	-	3,278	349	73	1,115	638	79	2,254
MARYLAND	87	1	818	1,001	-	1,907	35	84	759	987	29	1,894
MASSACHUSETTS	263	14	1,224	468	38	2,007	440	45	928	279	258	1,950
MICHIGAN	1,027	934	6,184	7,162	1,854	17,161	674	344	3,284	1,635	1,592	7,529
MINNESOTA	5	282	7,776	6,950	1,606	16,619	39	6	3,075	3,921	4,864	11,905
MISSISSIPPI	4,215	-	3,840	2,832	831	11,718	1,071	-	762	445	656	2,934
MISSOURI	590	826	12,309	4,391	-	18,116	288	556	4,155	412	-	5,411
MONTANA	642	-	1,146	1,939	2,931	6,658	22	-	218	488	8,709	9,437
NEBRASKA	351	561	2,390	3,546	4,601	11,449	310	20	526	201	8,179	9,236
NEVADA	100	105	1,887	184	52	2,328	5	48	1,126	-	1,272	2,451
NEW HAMPSHIRE	230	64	841	102	-	1,237	449	35	731	20	2	1,237
NEW JERSEY	104	17	879	70	-	1,770	75	132	489	541	1	1,238
NEW MEXICO	298	182	3,347	408	316	4,551	34	3	1,798	-	188	2,023
NEW YORK	-	40	2,940	3,328	-	6,308	18	592	4,991	5,125	69	10,795
NORTH CAROLINA	-	132	1,412	8,857	-	10,480	530	417	1,783	6,392	-	9,122
NORTH DAKOTA	-	-	1,919	2,903	6,290	11,112	-	-	224	71	7,180	7,475
OHIO	50	980	6,838	3,781	-	11,649	758	690	4,756	393	696	7,293
OKLAHOMA	651	3,555	4,579	6,283	6,326	21,394	52	203	298	154	2,398	3,105
OREGON	138	973	2,995	4,938	600	9,644	-	254	1,544	1,919	3,370	7,087
PENNSYLVANIA	859	227	5,389	1,082	421	7,978	3,540	418	4,176	254	30	8,418
RHODE ISLAND	38	45	76	47	-	206	39	33	41	22	2	137
SOUTH CAROLINA	93	14	3,889	4,523	-	8,519	410	115	2,153	1,234	93	4,005
SOUTH DAKOTA	1,148	160	3,492	2,441	4,237	11,478	156	-	589	191	5,938	6,874
TENNESSEE	1,511	493	1,337	2,109	-	5,450	5,787	1,032	2,260	851	830	10,760
TEXAS	1,162	400	25,933	10,421	-	37,916	1,192	167	13,895	3,243	55	18,552
UTAH	20	58	1,521	1,009	425	3,033	142	54	713	471	2,919	4,299
VERMONT 2/	75	52	984	764	71	1,946	25	38	391	175	390	1,019
VIRGINIA	837	540	4,175	4,656	-	10,208	94	175	1,466	668	-	2,403
WASHINGTON	52	-	4,727	1,854	663	7,296	269	37	3,714	1,243	1,250	6,513
WEST VIRGINIA 2/	1,191	121	3,298	1,761	-	6,371	899	51	810	264	145	2,169
WISCONSIN	926	967	7,031	4,733	-	13,657	460	220	2,789	2,798	195	6,462
WYOMING	-	-	1,062	1,350	81	2,493	148	242	750	301	6,018	7,459
TOTAL	24,460	20,101	193,366	145,991	52,349	436,267	27,823	11,467	103,300	49,909	101,573	294,072
PERCENT/SYSTEM	5.7	4.7	44.1	33.5	12.0	100.0	9.5	3.9	35.1	17.0	34.5	100.0

PAVEMENT CONDITION - URBAN - 1988
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
SHEET 3 OF 4
SEPTEMBER 1988

MILEAGE AS OF DECEMBER 31, 1988
COMPILLED FROM REPORTS OF STATE AUTHORITIES

Table with columns for STATE, INTERSTATE (PSR < 2.5, PSR 2.5-2.5, PSR 2.6-3.4, PSR 3.5-5.0, UNPAVED, TOTAL), OTHER FREEWAYS AND EXPRESSWAYS (PSR < 2.0, PSR 2.0, PSR 2.1-3.4, PSR 3.5-5.0, UNPAVED, TOTAL), OTHER PRINCIPAL ARTERIAL (PSR < 2.0, PSR 2.0, PSR 2.1-3.4, PSR 3.5-5.0, UNPAVED, TOTAL), and PERCENT/SYSTEM (7.9, 3.6, 33.5, 55.0, 6.249, 6.249, 111, 144, 3.906, 3.994, 43.8, 52.7, 2.0, 2.0, 1.5, 1.5, 2.0, 4.0, 4.0, 2.9, 2.9, 50.9, 50.9, 25.023, 21.419, 61, 61, 42.1, 42.1, 0.1, 0.1, 100.0, 100.0).

PAVEMENT CONDITION - URBAN - 1988¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
SHEET 4 OF 4
SEPTEMBER 1989MILEAGE AS OF DECEMBER 31, 1988
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	MINOR ARTERIAL						COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	49	118	831	605	-	1,603	108	155	944	506	-	1,713
ALASKA 2/	20	-	34	20	-	74	38	9	111	23	23	204
ARIZONA	71	90	621	720	5	1,507	79	108	443	333	68	1,031
ARKANSAS	34	94	509	317	35	989	45	129	546	229	55	1,004
CALIFORNIA	415	351	4,123	3,348	26	8,263	697	387	4,256	2,340	5	7,685
COLORADO	92	5	548	462	36	1,143	130	-	570	414	46	1,160
CONNECTICUT	55	4	221	667	-	947	36	19	528	1,330	5	1,918
DELAWARE	-	5	110	17	-	132	-	15	120	37	-	172
DIST. OF COL.	8	7	76	61	-	152	9	8	84	55	-	156
FLORIDA 2/	54	41	840	1,485	-	2,420	128	359	3,574	673	50	4,784
GEORGIA	223	31	659	1,171	6	2,090	206	42	668	886	18	1,820
HAWAII	7	7	65	37	-	116	8	13	102	57	-	180
IDAHO	37	-	223	96	-	356	100	9	232	35	9	385
ILLINOIS	82	31	1,833	1,563	27	3,536	242	5	1,840	1,166	25	3,278
INDIANA	64	162	980	1,034	19	2,259	77	185	806	831	26	1,925
IOWA	43	15	922	262	48	1,290	61	23	642	179	135	1,040
KANSAS	72	173	343	396	10	994	74	157	298	211	38	778
KENTUCKY	85	24	850	59	-	1,018	222	20	655	3	1	901
LOUISIANA	206	23	390	483	-	1,102	332	33	395	376	-	1,136
MAINE	22	14	130	130	-	296	29	4	179	179	1	392
MARYLAND	16	42	268	623	-	949	37	37	366	734	-	1,174
MASSACHUSETTS	97	17	1,895	413	-	2,422	183	32	2,122	368	20	2,725
MICHIGAN	133	130	1,398	2,011	37	3,709	188	107	1,024	1,455	111	2,885
MINNESOTA	68	36	937	427	7	1,475	207	29	1,166	414	18	1,834
MISSISSIPPI	130	-	264	285	1	680	75	-	308	349	30	762
MISSOURI	272	76	908	353	-	1,609	358	27	752	204	92	1,433
MONTANA	22	12	142	24	11	211	16	8	132	62	11	229
NEBRASKA	22	12	292	197	9	532	10	20	225	139	9	403
NEVADA	26	14	278	25	3	346	26	54	353	4	1	438
NEW HAMPSHIRE	48	15	241	50	-	354	104	11	209	17	-	341
NEW JERSEY	39	572	1,351	903	-	2,865	192	127	1,219	363	1	1,902
NEW MEXICO	16	5	336	1	4	362	13	8	313	-	5	339
NEW YORK	-	7	1,181	2,961	-	4,149	-	29	1,252	2,656	-	3,937
NORTH CAROLINA	64	9	510	1,561	1	2,145	244	12	407	687	10	1,360
NORTH DAKOTA	6	4	205	26	24	265	20	2	156	24	24	226
OHIO	147	139	2,101	404	2	2,793	100	303	3,302	420	-	4,125
OKLAHOMA	224	214	467	927	51	1,883	184	106	292	585	38	1,205
OREGON	5	50	364	492	2	913	21	103	442	573	4	1,143
PENNSYLVANIA	222	69	2,110	395	31	2,827	402	134	2,056	554	31	3,177
RHODE ISLAND	32	41	215	145	-	433	40	112	224	72	-	448
SOUTH CAROLINA	11	-	475	405	3	894	14	16	679	440	5	1,154
SOUTH DAKOTA	22	-	141	62	19	244	14	3	89	45	11	162
TENNESSEE	14	96	398	449	-	957	54	64	991	689	-	1,798
TEXAS	440	98	3,131	1,697	7	5,373	1,040	173	4,121	1,419	58	6,811
UTAH	1	2	297	120	1	421	2	1	317	158	1	479
VERMONT 2/	-	3	81	30	2	116	-	7	97	28	-	132
VIRGINIA	91	36	491	1,000	-	1,618	43	75	559	715	-	1,392
WASHINGTON	68	21	895	679	8	1,671	51	27	1,151	527	20	1,776
WEST VIRGINIA 2/	23	11	198	81	1	314	76	35	203	86	-	400
WISCONSIN	152	97	949	712	-	1,910	180	68	782	378	14	1,422
WYOMING	-	12	115	67	7	201	6	2	202	56	30	296
TOTAL	4,050	3,035	36,942	30,458	443	74,928	6,521	3,412	42,504	24,084	1,049	77,570
PERCENT/SYSTEM	5.5	4.1	49.1	40.7	0.6	100.0	8.5	4.4	54.6	31.1	1.4	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. PAVEMENT CONDITION IS STRATIFIED USING THE "PRESENT SERVICEABILITY RATING" (PSR) - A STANDARD MEASURE OF PAVEMENT CONDITION ADOPTED FROM THE "AASHO 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 EXCELLANT CONDITION WHILE 0.1 DENOTES PAVEMENTS IN EXTREMELY POOR CONDITION. VARIOUS STAGES OF PAVEMENT DETERIORATION ARE REPRESENTED BY VALUES BETWEEN THESE LIMITS.

2/ 1987 BASE DATA FACTORED TO 1988 LEVELS (1988 BASE DATA NOT AVAILABLE OR INCOMPLETE).

Highway Statistics, 1988

HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1988¹ COUNT BY FUNCTIONAL SYSTEM

TABLE HM-65
SEPTEMBER 1989

DATA SOURCE: STRUCTURE INVENTORY OF NATION'S BRIDGES,
BUREAU OF ENGINEERING, FHWA

STATE	RURAL						URBAN						TOTAL	UN-CLASSIFIED ^{3/}	TOTAL BRIDGES	
	INTERSTATE ^{2/}	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR ^{2/}	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE ^{2/}	OTHER FREeways AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR				LOCAL
ALABAMA	571	685	1,454	3,057	2,872	4,582	13,421	569	-	555	269	148	566	2,107	10	15,538
ALASKA	25	92	59	274	47	106	667	17	2	46	18	2	29	114	-	801
ARIZONA	1,573	631	593	703	194	194	4,322	148	37	4,322	140	227	260	1,059	206	5,627
ARKANSAS	1,370	536	1,285	3,811	1,212	4,141	11,755	221	112	303	272	146	205	1,259	-	13,014
CALIFORNIA	1,721	2,462	2,888	5,100	937	1,148	13,657	1,800	1,584	1,230	2,476	26	1,397	6,513	147	22,317
COLORADO	667	540	448	3,329	179	3,329	5,837	235	190	380	318	145	264	1,592	1	7,430
CONNECTICUT	124	163	134	238	170	203	1,352	650	467	278	274	282	230	2,191	277	3,789
DELAWARE	-	49	31	85	25	202	352	51	-	104	56	61	34	346	-	738
DIST. OF COL.	-	-	-	-	-	-	-	70	28	92	23	11	13	227	-	237
FLORIDA	709	1,186	893	625	641	1,807	5,861	874	348	1,136	573	385	1,111	4,567	1	10,229
GEORGIA	619	800	1,874	2,894	793	4,836	11,607	515	105	589	498	406	481	2,382	189	14,207
HAWAII	8	11	41	155	41	71	470	82	102	92	28	20	81	385	-	1,044
IDaho	345	265	164	703	197	1,660	3,334	87	-	70	70	53	133	413	-	3,747
ILLINOIS	1,017	1,776	2,478	3,865	1,771	12,863	21,170	1,030	105	846	1,004	608	665	4,258	-	25,428
INDIANA	1,010	398	863	2,630	2,108	7,400	14,409	813	228	512	499	474	583	3,109	-	17,518
IOWA	432	1,011	1,351	3,244	4,173	14,173	24,384	282	-	415	324	170	280	1,471	-	25,855
KANSAS	601	1,407	1,421	6,347	2,122	12,108	24,006	410	182	386	194	144	324	1,640	2	25,648
KENTUCKY	409	785	601	4,612	2,813	11,635	23,191	291	60	197	208	131	69	956	1	12,591
LOUISIANA	994	490	731	2,724	1,233	5,968	12,040	478	15	225	95	8	702	1,523	614	14,177
MAINE	177	147	195	497	243	932	2,191	91	17	83	82	68	45	386	8	2,585
MARYLAND	227	215	399	571	319	1,009	2,680	455	228	368	290	220	248	1,809	100	4,589
MASSACHUSETTS	250	173	328	820	577	1,802	3,826	836	408	529	448	290	466	2,977	189	4,968
MICHIGAN	304	455	582	2,365	533	3,040	7,425	725	243	644	575	565	404	3,156	-	10,082
MINNESOTA	304	531	886	2,110	1,436	5,897	11,284	371	130	219	427	302	292	1,741	-	13,005
MISSISSIPPI	562	959	1,267	7,074	950	5,181	15,993	186	24	222	146	79	416	1,093	7	17,083
MISSOURI	515	668	1,516	4,988	496	13,205	20,956	530	13	434	182	386	268	1,873	863	23,682
MONTANA	734	434	1,471	4,201	162	9,407	15,289	129	-	152	129	14	30	197	-	4,633
NEBRASKA	231	731	1,288	2,358	1,234	5,407	10,870	103	26	186	149	60	80	574	-	15,843
NEVADA	309	155	36	106	19	136	761	113	23	108	18	15	35	313	-	1,074
NEW HAMPSHIRE	163	153	191	231	210	1,021	2,129	111	60	75	55	50	65	443	-	2,572
NEW JERSEY	260	377	106	462	234	843	2,182	736	506	750	659	575	605	3,958	-	6,009
NEW MEXICO	710	675	413	233	320	470	2,891	236	33	92	50	72	75	366	-	3,439
NEW YORK	660	792	1,170	1,598	1,927	5,278	11,425	1,178	827	1,098	1,158	673	952	5,986	1	17,312
NORTH CAROLINA	452	745	426	2,258	1,865	7,442	13,198	303	307	674	525	168	781	2,798	183	16,156
NORTH DAKOTA	314	185	427	2,788	456	2,946	5,116	476	6	26	29	14	18	169	-	5,288
OHIO	992	1,024	1,136	4,336	3,659	12,133	23,270	1,253	650	867	984	1,080	1,076	5,910	-	29,180
OKLAHOMA	687	996	1,444	6,655	150	10,449	20,361	497	342	288	371	325	133	1,956	460	22,797
OREGON	487	706	852	1,278	1,850	429	5,602	278	194	176	94	210	44	1,896	10	6,608
PENNSYLVANIA	1,165	1,038	2,146	2,325	2,730	7,501	16,905	784	527	1,456	959	620	1,129	5,475	171	22,551
RHODE ISLAND	19	15	22	22	25	48	144	133	8	184	127	55	51	558	1	703
SOUTH CAROLINA	435	476	819	1,869	896	3,472	7,987	138	30	234	257	110	150	919	-	8,886
SOUTH DAKOTA	367	571	581	1,216	145	3,865	6,571	69	3	40	36	24	43	251	-	6,822
TENNESSEE	87	800	600	1,809	1,809	5,865	15,352	584	1	1,877	152	480	1,484	3,188	-	18,540
TEXAS	2,788	4,192	2,649	8,428	4,056	3,480	25,603	2,305	1,506	1,497	1,535	980	1,420	9,723	9,357	44,683
UTAH	449	148	202	578	120	675	1,856	301	6	88	65	40	230	750	-	2,586
VERMONT	275	93	271	252	108	1,764	2,502	40	11	21	32	39	20	163	-	2,665
VIRGINIA	523	616	585	2,516	596	10,333	18,334	646	134	395	615	225	380	2,395	2	12,730
WASHINGTON	346	549	487	1,198	807	1,787	3,194	521	8	598	227	152	145	1,651	136	6,951
WEST VIRGINIA	382	166	476	1,674	499	2,558	5,755	226	82	87	118	87	81	681	7	6,443
WISCONSIN	567	866	1,035	2,073	728	5,347	10,617	374	392	549	473	194	424	2,950	-	12,967
WYOMING	868	177	292	3,346	68	825	2,576	33	-	42	53	34	28	230	-	2,826
TOTAL	28,869	33,021	40,558	3,746	50,002	204,428	460,624	23,200	10,306	20,789	18,234	11,596	19,039	3,164	12,914	576,702
PERCENT - TOTAL	5.0	5.8	7.1	18.0	8.7	35.3	79.9	4.0	1.8	3.6	3.2	2.0	3.3	17.9	2.2	100.0

^{1/} DATA CONTAINS POSSIBLE ERRORS IN THE FUNCTIONAL SYSTEM CODE BASED ON REVIEW OF OTHER INCLUDED INFORMATION.
^{2/} INCLUDES A SMALL NUMBER OF BRIDGES WITH UNUSABLE FUNCTIONAL SYSTEM CODES. OTHER INFORMATION USED TO DETERMINE THE SYSTEM TYPE.
^{3/} FUNCTIONAL SYSTEM CODES NOT REPORTED OR UNUSABLE. SOME OF THE UNUSABLE CODES ARE DUE TO THE USE OF AN ALTERNATE CODING/REPORTING FORM FOR NON-FEDERAL-AID BRIDGES WHERE FUNCTIONAL SYSTEM CODES ARE NOT REQUIRED.

LOCAL FUNCTIONAL SYSTEM - 1988¹

MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME AND SURFACE TYPE

MILEAGE AS OF DECEMBER 31, 1988
ESTIMATED FROM REPORTS OF STATE AUTHORITIES

TABLE HM-67
SEPTEMBER 1989

SURFACE TYPE	RURAL MILEAGE				
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL
	LESS THAN 50	50-199	200-499	500 AND OVER	
RURAL:					
PAVED	108,674	306,520	171,305	79,424	665,923
GRAVEL/SOIL	713,544	334,777	54,796	13,506	1,116,623
UNIMPROVED	246,001	96,285	14,290	671	357,247
TOTAL RURAL	1,068,219	737,582	240,391	93,601	2,139,793
	URBAN MILEAGE				
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL
	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	
SMALL URBAN:					
PAVED	25,032	27,004	30,375	5,195	87,606
GRAVEL/SOIL	4,862	2,797	3,504	126	11,289
UNIMPROVED	753	1,161	945	32	2,891
TOTAL SMALL URBAN	30,647	30,962	34,824	5,353	101,786
URBANIZED:					
PAVED	85,408	96,270	163,113	42,643	387,434
GRAVEL/SOIL	9,308	3,536	10,607	759	24,210
UNIMPROVED	1,785	370	1,371	184	3,710
TOTAL URBANIZED	96,501	100,176	175,091	43,586	415,354
TOTAL URBAN:					
PAVED	110,440	123,274	193,488	47,838	475,040
GRAVEL/SOIL	14,170	6,333	14,111	885	35,499
UNIMPROVED	2,538	1,531	2,316	216	6,601
TOTAL URBAN	127,148	131,138	209,915	48,939	517,140
TOTAL	-	-	-	-	2,656,933

^{1/} DATA EXPANDED TO NATIONWIDE 1988 TOTALS. 1988 HPMS LOCAL AREA WIDE DATA SUBMITTED BY 48 STATES (INCLUDING PARTIAL DATA FROM OKLAHOMA) USED AS A BASE. ARIZONA, FLORIDA AND OHIO ARE NOT INCLUDED IN BASE DATA.

ANNUAL VEHICLE-MILES OF TRAVEL AND RELATED DATA - 1988¹
 BY HIGHWAY CATEGORY AND VEHICLE TYPE

OFFICE OF HIGHWAY
 INFORMATION MANAGEMENT

TABLE VM-1
 OCTOBER 1989

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 2/	MOTOR-CYCLES 2/				2-AXLE 4-TIRE	OTHER	ALL SINGLE-UNIT				
	MOTOR-VEHICLE TRAVEL: (MILLIONS OF VEHICLE-MILES)												
1988	INTERSTATE RURAL	-	-	116,079	509	116,588	31,056	5,472	36,528	28,169	64,696	181,284	
1987		-	-	108,867	492	109,359	28,584	5,257	33,841	27,293	61,134	170,493	
1988	OTHER ARTERIAL RURAL	-	-	204,932	892	205,824	75,633	10,640	86,273	18,939	106,212	312,036	
1987		-	-	197,610	865	198,479	73,862	10,305	84,167	19,343	103,510	301,989	
1988	OTHER RURAL	-	-	206,068	1,700	207,768	94,579	11,944	106,523	9,946	116,469	324,237	
1987		-	-	194,582	1,657	196,239	90,818	11,569	102,387	9,342	111,729	307,968	
1988	ALL RURAL	-	-	527,079	3,101	530,180	201,267	28,056	229,323	58,054	287,377	817,557	
1987		-	-	501,059	3,018	504,077	193,264	27,131	220,395	55,978	276,373	780,450	
1988	INTERSTATE URBAN	-	-	195,942	466	196,408	40,644	5,866	46,511	15,743	62,254	258,662	
1987		-	-	183,562	453	184,015	40,398	5,669	46,067	14,754	60,821	244,836	
1988	OTHER URBAN	-	-	716,297	1,898	718,196	197,511	17,309	214,820	16,351	231,171	949,367	
1987		-	-	680,215	1,847	682,062	181,787	16,737	198,524	15,332	213,856	895,918	
1988	ALL URBAN 3/	-	-	912,240	2,364	914,604	238,156	23,175	261,331	32,094	293,425	1,208,029	
1987		-	-	863,777	2,300	866,077	222,185	22,406	244,591	30,086	274,677	1,140,754	
1988	TOTAL RURAL AND URBAN	1,429,297	10,022	1,439,319	5,465	1,444,784	439,423	51,231	490,654	90,149	580,802	2,025,586	
1987		1,355,350	9,506	1,364,856	5,318	1,370,154	415,449	49,537	464,986	86,064	551,050	1,921,204	
1988	NUMBER OF MOTOR VEHICLES REGISTERED 4/	141,251,695	4,584,284	145,835,979	615,669	146,451,648	37,095,808	3,957,319	41,053,127	1,476,241	42,529,368	188,981,016	
1987		137,208,090	4,917,131	142,125,221	602,055	142,727,276	35,841,360	3,883,694	39,725,054	1,419,400	41,144,454	183,871,730	
1988	AVERAGE MILES TRAVELED PER VEHICLE	10,119	2,186	9,869	8,877	9,865	11,846	12,946	11,952	61,066	13,656	10,718	
1987		9,878	1,933	9,603	8,833	9,600	11,591	12,765	11,705	60,634	13,399	10,449	
1988	FUEL CONSUMED (THOUSAND GALLONS)	71,654,199	200,440	71,854,639	920,056	72,774,695	32,760,043	7,250,176	40,010,219	17,100,966	57,111,185	129,885,880	
1987		70,572,636	190,120	70,762,758	902,886	71,665,644	32,265,557	7,090,683	39,356,240	16,493,469	55,849,709	127,515,353	
1988	AVERAGE FUEL CONSUMPTION PER VEHICLE (GALLONS)	507	44	493	1,494	497	883	1,832	975	11,584	1,343	687	
1987		514	39	498	1,500	502	900	1,826	991	11,620	1,357	694	
1988	AVERAGE MILES TRAVELED PER GALLON OF FUEL CONSUMED	19.95	50.00	20.03	5.94	19.85	13.41	7.07	12.26	5.27	10.17	15.60	
1987		19.20	50.00	19.29	5.89	19.12	12.68	6.99	11.81	5.22	9.87	15.07	

1/ THE 50 STATES AND THE DISTRICT OF COLUMBIA REPORT TRAVEL BY HIGHWAY CATEGORY, NUMBER OF MOTOR VEHICLES REGISTERED, AND TOTAL FUEL CONSUMED. THE TRAVEL AND FUEL DATA BY VEHICLE TYPE AND STRATIFICATION OF TRUCKS, AS WELL AS RELATED DATA ARE CALCULATED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA). ENTRIES FOR 1987 HAVE BEEN REVISED BASED ON THE AVAILABILITY OF MORE CURRENT DATA.
 2/ SEPARATE ESTIMATES OF PASSENGER CAR AND MOTORCYCLE TRAVEL ARE NOT AVAILABLE BY HIGHWAY CATEGORY.
 3/ URBAN CONSISTS OF TRAVEL ON ALL ROADS AND STREETS IN URBAN PLACES OF 5,000 OR GREATER POPULATION.
 4/ STRATIFICATION OF THE TRUCK FIGURES IS MADE BY FHWA BASED ON THE 1982 CENSUS OF TRANSPORTATION TRUCK INVENTORY AND USE SURVEY (TIUS). THE COMBINATIONS REPRESENT APPROXIMATELY THE NUMBER OF TRUCK-TRACTORS WITH SEMI-TRAILER(S) AND A MAJORITY OF THE HEAVY SINGLE-UNIT TRUCKS USED REGULARLY IN COMBINATION WITH FULL TRAILER(S). ALL THESE TRUCK VEHICLE FIGURES MAY BE REGARDED AS PRELIMINARY AND MAY BE REVISED PENDING FURTHER ANALYSIS OF THE TIUS DATA.

ANNUAL VEHICLE-MILES OF TRAVEL - 1988 BY STATE AND FUNCTIONAL SYSTEM

TABLE VM-2
SEPTEMBER 1989

(MILLIONS)

OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

STATE	RURAL										URBAN							TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE EXPRESSWAYS	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL				
ALABAMA	3,951	4,302	3,675	4,305	1,148	3,556	20,937	3,321		5,605	3,588	1,814	4,422	18,747	39,684			
ALASKA 2/	655		417	491	133	388	2,091	384	56	8,062	5,052	267	466	750	3,841			
ARIZONA 3/	4,449	1,552	2,434	2,630	282	2,481	13,646	2,511	40	8,064	5,052	1,259	3,575	20,598	34,247			
ARKANSAS	2,445	2,768	2,489	3,108	395	1,951	12,636	1,552	592	2,320	1,445	512	622	6,983	19,219			
CALIFORNIA	12,630	12,451	8,863	10,639	3,159	3,434	51,076	47,821	36,798	51,739	31,095	11,102	11,944	190,499	241,575			
CONNECTICUT	3,922	2,941	1,606	2,200	3,338	3,320	10,957	1,528	1,528	5,058	2,195	3,506	3,506	16,708	27,665			
DELAWARE	1,369	1,222	1,170	1,468	474	944	6,548	6,381	2,331	3,796	2,905	1,732	1,932	19,514	26,062			
DIST. OF COL.		1,127	619	628	69	461	2,904	902		1,268	475	345	509	3,500	6,404			
FLORIDA 3/								429	453	1,113	738	339	339	3,405	3,405			
GEORGIA	7,836	8,586	5,718	2,965	1,481	2,903	29,489	9,391	4,383	18,418	13,921	9,111	20,506	75,880	105,319			
HAWAII	7,954	4,682	5,596	5,734	920	3,441	29,327	9,092	1,311	7,985	6,527	5,722	5,022	32,935	62,262			
ILLINOIS	1,381	1,425	499	1,251	1,110	530	2,330	1,176	886	834	613	443	1,137	5,069	7,419			
INDIANA 3/	6,866	4,476	8,589	4,925	448	3,334	24,638	12,149	546	13,453	14,195	6,509	175	2,525	6,127			
IOWA	5,511	3,967	5,126	10,360	1,635	1,913	28,512	4,479	852	6,908	1,603	3,432	3,432	22,612	51,124			
KANSAS	1,602	3,488	2,817	2,370	1,714	1,492	14,000	1,251		2,948	1,874	686	1,148	7,902	21,907			
KENTUCKY	2,285	3,590	1,963	2,645	276	1,237	11,996	1,820	609	2,480	2,061	660	1,535	9,165	21,161			
LOUISIANA 2/	4,271	3,989	2,187	4,898	1,874	1,842	18,571	3,230	505	2,838	3,361	1,325	1,284	13,043	31,664			
MAINE	4,061	2,379	2,346	4,876	1,371	2,153	17,186	3,142	707	4,594	3,379	1,289	1,749	17,438	34,682			
MARYLAND 2/	1,602	1,498	1,599	1,991	684	964	8,338	1,118	118	1,077	786	401	228	3,083	11,401			
MASSACHUSETTS 3/	2,571	3,289	2,950	2,135	748	1,071	12,765	7,301	2,587	7,555	3,658	1,919	1,702	24,733	37,498			
MICHIGAN	2,127	1,407	1,788	1,657	351	462	7,932	10,688	4,582	3,577	2,832	2,812	2,912	35,502	43,334			
MINNESOTA	5,342	5,840	5,935	3,862	1,509	2,355	30,752	10,445	3,562	1,751	1,288	3,948	3,948	47,132	77,899			
MISSISSIPPI	2,556	4,301	3,158	3,602	1,088	2,439	17,124	4,441	1,916	2,781	2,503	2,503	2,552	19,333	36,447			
MISSOURI	2,443	2,783	3,151	3,417	333	2,710	14,837	1,113	86	2,520	1,198	694	1,595	23,206	22,043			
NEBRASKA	1,691	1,442	1,957	1,915	341	3,195	21,885	7,707	2,014	6,612	4,369	1,741	1,242	23,685	45,570			
NEVADA	1,751	2,183	1,813	1,235	277	1,224	8,483	583	64	1,895	1,262	468	651	4,924	8,138			
NEW HAMPSHIRE	1,421	780	505	725	157	300	3,888	798	306	1,498	1,360	544	595	5,101	8,989			
NEW JERSEY 3/	1,277	1,050	1,421	1,188	382	542	5,860	622	460	1,031	956	319	259	6,647	9,507			
NORTH CAROLINA	1,848	1,942	2,283	3,027	869	867	10,836	8,548	5,200	10,864	9,199	3,261	10,763	47,835	58,671			
NORTH DAKOTA	3,085	1,261	1,483	1,222	185	2,076	9,312	1,019		2,725	1,092	456	679	5,971	15,283			
OHIO	5,323	4,208	6,465	5,232	5,586	3,343	30,157	13,235		16,851	17,162	5,663	8,151	73,535	103,692			
OKLAHOMA	842	5,011	3,227	10,273	3,387	4,190	31,809	12,473	2,011	8,447	5,001	1,074	6,768	26,134	57,943			
OREGON	7,550	4,557	5,335	8,376	2,218	6,887	35,023	13,971	2,883	9,499	6,524	3,689	10,401	46,957	81,990			
PENNSYLVANIA	3,615	2,899	3,000	4,741	153	1,796	16,204	3,050	1,773	3,344	3,948	965	3,104	16,184	32,380			
RHODE ISLAND 3/	3,248	8,819	8,774	5,773	2,604	5,614	36,728	6,424	855	3,003	2,473	1,411	5,046	11,366	25,704			
SOUTH CAROLINA	220		167	163	51	105	905	988		1,269	1,231	383	510	4,318	6,569			
SOUTH DAKOTA	5,217	3,599	4,450	4,419	609	2,075	20,369	1,976	395	4,376	2,756	1,300	645	11,390	31,759			
TENNESSEE	1,700	1,331	828	4,914	161	880	3,099	5,264	20	4,600	3,323	1,127	253	11,535	6,634			
TEXAS 3/	6,272	2,581	6,342	14,639	2,201	1,954	53,714	21,276	13,225	19,606	15,320	7,943	25,374	102,744	156,458			
UTAH	1,921	899	757	762	216	516	5,071	2,343	122	1,512	1,748	918	1,549	8,192	13,263			
VIRGINIA 3/	6,518	5,110	5,447	5,924	1,480	3,125	26,584	7,558	55	7,650	6,068	2,089	2,62	1,275	5,553			
WASHINGTON 3/	3,131	2,821	2,112	4,415	1,584	1,070	15,293	6,808	1,922	6,908	5,228	2,391	2,917	30,869	57,453			
WEST VIRGINIA 3/	2,324	1,408	2,080	3,111	317	756	9,996	966	371	969	819	454	309	3,888	13,884			
WISCONSIN	3,504	6,110	4,410	4,396	468	3,050	22,418	2,366	1,736	4,714	5,026	1,256	4,842	20,040	42,458			
WYOMING	1,543	658	894	468	408	360	4,331	147	9	498	221	156	156	1,327	5,658			
TOTAL	181,284	160,253	151,783	183,507	46,985	93,745	817,557	258,662	116,965	319,286	231,786	99,245	182,085	1,208,029	2,025,586			
PERCENT - AREA	22.2	19.7	18.6	22.5	5.8	11.5	100.0	21.5	9.7	26.5	19.2	8.3	15.1	100.0	-			
PERCENT - TOTAL	9.0	8.0	7.5	9.1	2.4	4.7	40.4	12.8	5.8	15.8	11.5	4.9	9.0	59.7	100.0			

1/ DATA ARE BASED ON STATE HIGHWAY AGENCY ESTIMATES REPORTED FOR THE VARIOUS FUNCTIONAL SYSTEMS.
2/ FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR SOME HIGHWAY SYSTEMS.
3/ STATE HIGHWAY AGENCY ESTIMATE SUBJECT TO REVISION PENDING FURTHER FEDERAL HIGHWAY ADMINISTRATION REVIEW.

ANNUAL VEHICLE-MILES OF TRAVEL - 1988
BY STATE AND FEDERAL-AID SYSTEM

OFFICE OF HIGHWAY INFORMATION MANAGEMENT

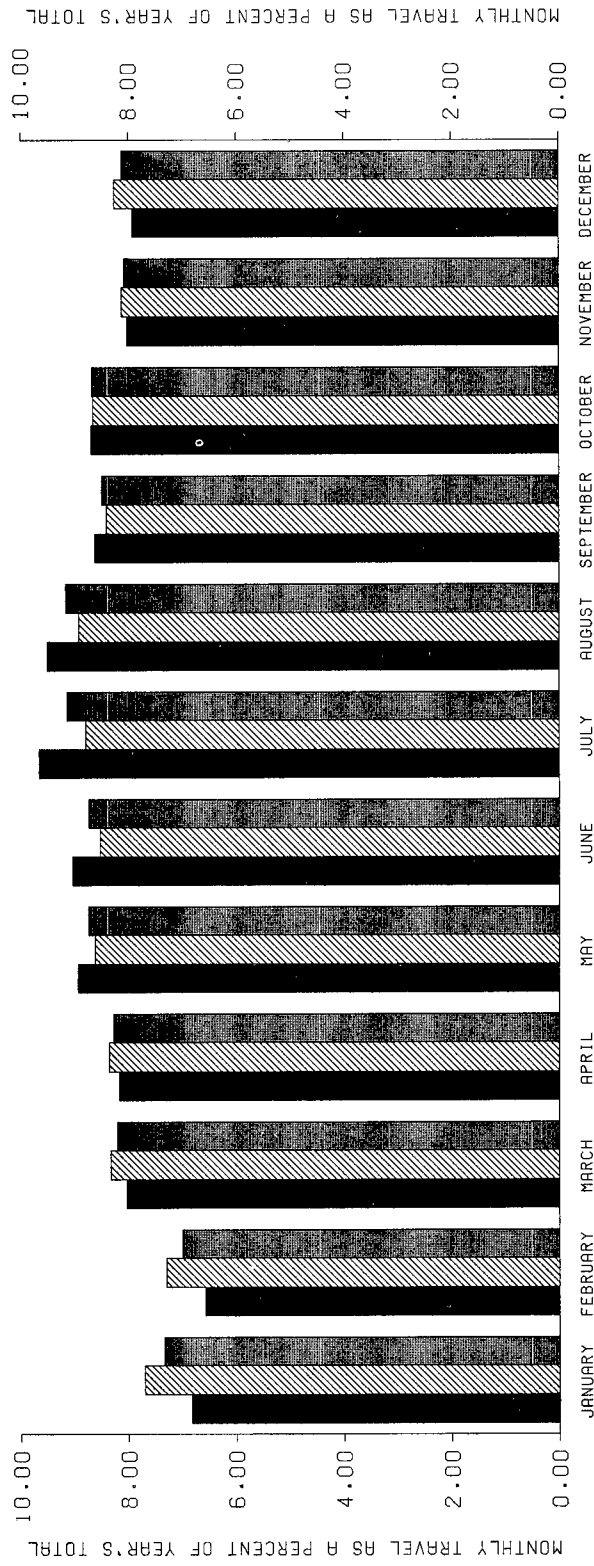
(MILLIONS)

TABLE VM-3 SEPTEMBER 1989

STATE	FEDERAL-AID INTERSTATE			OTHER FEDERAL-AID PRIMARY			FEDERAL-AID URBAN SECONDARY RURAL			ALL FEDERAL-AID SYSTEMS			ALL NON-FEDERAL-AID SYSTEMS			TOTAL
	RURAL		TOTAL	RURAL		TOTAL	RURAL		TOTAL	RURAL		TOTAL	RURAL		TOTAL	
	URBAN	TOTAL	URBAN	TOTAL	URBAN	TOTAL	URBAN	TOTAL	URBAN	TOTAL	URBAN	TOTAL	URBAN	TOTAL		
ALABAMA	3,321	7,272	7,973	4,722	12,695	4,305	16,229	13,693	29,922	4,708	9,762	5,054	9,762	39,684		
ALASKA	655	1,039	1,424	1,778	6,027	1,481	1,223	1,223	2,783	531	1,058	527	1,058	3,841		
ARIZONA	4,449	6,840	3,868	1,715	5,583	2,522	10,839	16,764	17,603	2,809	6,644	3,835	6,644	34,247		
ARKANSAS	2,425	3,947	5,069	2,071	7,140	1,989	9,483	5,595	15,078	2,753	4,141	1,388	4,141	19,219		
CALIFORNIA	47,821	60,351	21,296	39,651	60,947	9,788	43,614	169,025	212,639	7,462	28,936	21,474	28,936	241,575		
COLORADO	3,082	6,410	3,941	3,610	7,551	1,430	8,453	12,561	21,014	2,504	6,651	4,147	6,651	27,665		
CONNECTICUT	1,369	7,750	2,270	4,792	7,062	1,439	5,078	17,411	22,469	1,470	3,573	2,103	3,573	26,062		
DELAWARE	-	902	1,737	889	2,626	625	2,362	2,970	5,332	542	1,072	530	1,072	6,404		
DIST. OF COL.	-	429	-	1,772	788	2,728	23,580	49,805	2,989	416	-	416	-	3,405		
FLORIDA	9,391	17,227	13,016	19,399	32,415	21,015	23,580	49,805	73,395	5,909	31,934	26,025	31,934	105,319		
GEORGIA	7,954	17,046	11,278	8,890	20,168	5,723	24,955	27,133	52,138	4,372	10,124	5,752	10,124	62,262		
HAWAII	82	1,258	1,065	1,457	2,522	445	1,592	3,949	5,541	738	1,878	1,140	1,878	7,419		
IDaho	1,381	1,849	1,924	180	2,104	1,143	4,448	2,126	6,574	1,154	1,553	399	1,553	8,127		
ILLINOIS	6,866	9,015	9,065	12,854	17,719	3,398	19,329	46,615	65,944	5,309	12,539	7,230	12,539	78,483		
INDIANA	5,311	4,479	4,088	4,222	13,310	10,308	24,907	18,780	43,687	3,605	7,437	3,605	7,437	51,124		
IOWA	3,119	4,370	6,303	2,271	8,576	3,182	11,794	6,704	18,458	2,206	3,409	1,203	3,409	21,907		
KANSAS	2,285	4,105	5,553	1,490	7,043	2,637	10,475	6,820	17,295	1,521	3,865	2,345	3,865	21,161		
KENTUCKY	4,271	7,501	5,586	8,260	11,140	4,878	14,735	11,140	25,625	3,836	5,739	1,903	5,739	31,614		
LOUISIANA	4,061	7,201	4,729	3,846	9,571	4,876	13,662	11,524	23,166	3,524	9,496	5,972	9,496	34,682		
MAINE	1,602	2,075	3,099	886	3,981	1,450	6,429	2,809	9,238	1,909	2,163	254	2,163	11,401		
MARYLAND	2,571	9,872	6,239	5,625	11,864	9,500	10,945	22,426	33,372	1,819	4,126	2,307	4,126	37,498		
MASSACHUSETTS	1,275	12,782	3,195	11,175	14,368	10,866	8,379	32,524	38,503	3,831	3,831	2,978	3,831	43,334		
MICHIGAN	5,392	16,867	11,412	10,570	21,962	26,801	26,801	41,866	58,106	4,166	9,913	5,547	9,913	77,899		
MINNESOTA	2,586	4,441	7,439	3,684	11,123	3,602	13,937	14,894	28,143	3,527	7,956	4,429	7,956	36,447		
MISSISSIPPI	2,443	3,556	5,839	1,548	7,387	3,417	11,699	5,587	17,286	3,138	4,757	1,619	4,757	22,043		
MISSOURI	4,689	12,396	8,646	3,805	12,451	8,668	10,316	20,200	36,516	3,589	7,651	3,485	7,651	48,570		
MONTANA	1,651	1,804	2,389	395	2,784	605	4,845	1,241	6,086	1,280	2,052	802	2,052	8,136		
NEBRASKA	1,751	2,334	3,996	1,277	5,273	2,413	6,982	4,273	11,255	1,501	2,152	651	2,152	13,407		
NEVADA	1,421	2,219	1,285	488	1,773	2,676	3,427	3,962	7,389	451	1,600	1,139	1,600	8,989		
NEW HAMPSHIRE	1,277	1,899	2,524	1,097	3,421	1,187	4,768	3,253	8,023	1,072	1,484	412	1,484	9,507		
NEW JERSEY	1,848	10,396	10,085	10,085	13,533	16,352	8,232	34,985	43,217	2,604	15,454	12,850	15,454	58,671		
NEW MEXICO	3,085	4,104	2,744	1,074	3,818	2,361	6,990	4,454	11,444	2,322	3,639	1,517	3,639	15,283		
NEW YORK	5,323	18,558	10,673	20,699	31,372	30,369	21,228	64,309	85,531	8,929	18,161	9,232	18,161	109,692		
NORTH CAROLINA	5,221	8,054	6,609	4,897	13,446	9,155	24,000	16,825	40,825	7,809	17,118	9,309	17,118	57,943		
NORTH DAKOTA	842	994	1,708	445	2,153	638	3,310	1,235	3,066	914	1,220	306	1,220	5,765		
OHIO	7,550	21,521	9,892	8,301	18,193	14,294	25,818	36,566	62,384	9,205	19,606	10,401	19,606	81,990		
OKLAHOMA	3,615	6,665	5,551	2,724	8,275	7,001	3,878	12,775	25,819	3,160	6,569	3,409	6,569	32,388		
OREGON	3,248	5,826	5,531	2,706	6,342	4,676	11,478	9,960	21,438	2,360	3,766	1,406	3,766	25,204		
PENNSYLVANIA	7,244	13,668	15,593	15,227	30,620	17,662	28,610	39,313	67,925	8,118	13,913	5,195	13,913	91,238		
RHODE ISLAND	1,199	1,187	587	1,542	1,929	1,882	748	4,412	5,160	157	693	536	693	5,853		
SOUTH CAROLINA	5,217	7,195	6,049	4,439	12,488	4,419	17,695	9,604	27,489	2,684	4,270	1,586	4,270	31,759		
SOUTH DAKOTA	1,275	1,479	2,159	951	3,110	1,083	4,348	1,282	5,630	751	1,004	253	1,004	6,634		
TENNESSEE	6,227	11,486	8,431	5,786	14,217	8,524	3,027	19,569	37,254	3,761	3,178	3,178	3,178	44,193		
TEXAS	10,962	32,238	21,605	18,525	40,130	25,465	46,474	65,266	111,740	7,240	44,718	37,478	44,718	166,458		
UTAH	1,921	4,264	1,645	593	2,238	3,626	4,320	6,562	10,882	751	2,381	1,630	2,381	13,263		
VERMONT	1,000	1,131	1,523	300	1,823	1,083	3,606	1,013	4,619	672	934	262	934	5,553		
VIRGINIA	6,518	14,076	10,334	5,452	15,786	12,010	5,918	22,770	47,790	3,814	9,663	5,849	9,663	57,453		
WASHINGTON	3,311	6,808	4,933	4,676	9,609	11,754	12,557	23,238	35,795	2,736	6,018	3,282	6,018	41,813		
WEST VIRGINIA	3,224	3,290	3,488	970	4,458	3,095	8,907	3,579	12,486	1,089	1,398	309	1,398	13,884		
WISCONSIN	3,504	5,870	10,518	5,605	16,123	6,407	4,176	14,378	32,576	4,220	9,862	5,662	9,862	42,458		
WYOMING	1,543	1,690	1,445	392	1,837	621	3,414	1,160	4,574	917	1,084	1,167	1,084	5,658		
TOTAL	181,284	258,562	439,946	308,413	580,573	444,492	665,126	975,314	1,640,440	152,431	385,146	292,715	385,146	2,025,566		
PERCENT - TOTAL	8.9	12.8	21.7	15.2	28.7	21.9	32.8	48.1	81.0	7.5	19.0	11.5	19.0	100.0		

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

MONTHLY DISTRIBUTION OF 1988 TRAVEL



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

LEGEND TOTAL TRAVEL ■ RURAL TRAVEL ▨ URBAN TRAVEL ■

MOTOR-VEHICLE TRAFFIC FATALITIES AND INJURIES - 1988

1988 DATA AS REPORTED
BY STATE AUTHORITIESTABLE FI-1
SEPTEMBER 1989

STATE	VEHICLE- MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES		NONFATAL INJURED PERSONS	
		NUMBER 1/	RATE 2/	NUMBER	RATE 2/	NUMBER 1/	RATE 2/	NUMBER	RATE 2/
ALABAMA	39,684	921	2.32	29,993	75.58	1,023	2.58	44,081	111.08
ALASKA	3,841	86	2.24	3,500	91.12	97	2.53	5,215	135.77
ARIZONA	34,247	844	2.46	38,639	112.82	944	2.76	61,832	180.55
ARKANSAS	19,219	532	2.77	11,200	58.28	610	3.17	20,591	107.14
CALIFORNIA	241,575	4,873	2.02	235,491	97.48	5,390	2.23	356,945	147.76
COLORADO	27,665	450	1.63	25,620	92.61	497	1.80	38,795	140.23
CONNECTICUT	26,062	446	1.71	33,073	126.90	484	1.86	46,398	178.03
DELAWARE	6,404	143	2.23	5,748	89.76	160	2.50	9,026	140.94
DIST. OF COL.	3,405	55	1.62	9,236	271.25	60	1.76	13,330	391.48
FLORIDA	105,319	2,758	2.62	142,284	135.10	3,078	2.92	230,367	218.73
GEORGIA	62,262	1,487	2.39	63,372	101.78	1,653	2.65	97,073	155.91
HAWAII	7,419	128	1.73	8,709	117.39	148	1.99	12,236	164.93
IDAHO	8,127	228	2.81	7,134	87.78	257	3.16	11,172	137.47
ILLINOIS	78,483	1,666	2.12	122,972	156.69	1,837	2.34	182,121	232.05
INDIANA	51,124	959	1.88	50,578	98.93	1,101	2.15	75,360	147.41
IOWA	21,907	494	2.25	19,123	87.29	557	2.54	27,577	125.88
KANSAS	21,161	406	1.92	21,461	101.42	483	2.28	32,067	151.54
KENTUCKY	31,614	717	2.27	34,164	108.07	838	2.65	52,158	164.98
LOUISIANA	34,682	822	2.37	39,244	113.15	925	2.67	76,925	221.80
MAINE	11,401	230	2.02	12,667	111.10	255	2.24	18,618	163.30
MARYLAND	37,498	711	1.90	51,416	137.12	782	2.09	84,928	226.49
MASSACHUSETTS	43,334	673	1.55	66,442	153.33	725	1.67	86,388	199.35
MICHIGAN	77,899	1,522	1.95	105,067	134.88	1,704	2.19	159,932	205.31
MINNESOTA	36,447	543	1.49	30,743	84.35	612	1.68	44,415	121.86
MISSISSIPPI	22,043	631	2.86	12,992	58.94	722	3.28	24,235	109.94
MISSOURI	45,570	978	2.15	44,431	97.50	1,103	2.42	69,173	151.80
MONTANA	8,138	183	2.25	5,495	67.52	198	2.43	8,232	101.16
NEBRASKA	13,407	234	1.75	14,892	111.08	261	1.95	22,214	165.69
NEVADA	8,989	256	2.85	10,167	113.10	286	3.18	15,496	172.39
NEW HAMPSHIRE	9,507	151	1.59	7,741	81.42	166	1.75	10,892	114.57
NEW JERSEY	58,671	966	1.65	96,193	163.95	1,051	1.79	151,569	258.34
NEW MEXICO	15,283	433	2.83	17,133	112.10	487	3.19	26,829	175.55
NEW YORK	103,692	2,063	1.81	196,719	189.71	2,255	2.17	288,780	278.50
NORTH CAROLINA	57,943	1,401	2.42	31,886	55.03	1,573	2.72	52,643	90.85
NORTH DAKOTA	5,765	92	1.60	3,417	59.27	104	1.80	4,818	83.57
OHIO	81,990	1,584	1.93	126,496	154.28	1,763	2.15	208,414	254.19
OKLAHOMA	32,388	557	1.72	20,134	62.16	634	1.96	31,532	97.36
OREGON	25,204	569	2.26	21,577	85.61	677	2.69	34,866	138.34
PENNSYLVANIA	81,238	1,770	2.18	100,241	123.39	1,931	2.38	154,018	189.59
RHODE ISLAND	5,853	118	2.02	8,532	145.77	125	2.14	10,845	185.29
SOUTH CAROLINA	31,759	910	2.87	31,065	97.81	1,034	3.26	50,713	159.68
SOUTH DAKOTA	6,634	127	1.91	4,455	67.15	147	2.22	6,579	99.17
TENNESSEE	44,193	1,116	2.53	3/	4/	1,266	2.86	3/	4/
TEXAS	156,458	3,002	1.92	152,004	97.15	3,393	2.17	238,845	152.66
UTAH	13,263	258	1.95	14,658	110.52	297	2.24	22,081	166.49
VERMONT	5,553	117	2.11	4,869	87.68	129	2.32	7,324	131.89
VIRGINIA	57,453	971	1.69	51,970	90.46	1,071	1.86	77,735	135.30
WASHINGTON	41,813	700	1.67	49,482	118.34	778	1.86	72,449	173.27
WEST VIRGINIA	13,884	405	2.92	18,440	132.81	460	3.31	28,357	204.24
WISCONSIN	42,458	704	1.66	40,769	96.02	807	1.90	58,929	138.79
WYOMING	5,658	129	2.28	3,348	59.17	155	2.74	5,158	91.16
TOTAL 5/	2,025,586	42,119	2.08	2,256,982	116.08	47,093	2.32	3,470,276	178.48
U. S. TOTAL (EST.) 6/	2,025,586	42,119	2.08	2,303,400	113.72	47,093	2.32	3,541,000	174.81

1/ FATAL ACCIDENT AND FATALITY NUMBERS HAVE BEEN ADJUSTED TO AGREE WITH STATE TOTALS FROM THE FATAL ACCIDENT REPORTING SYSTEM (FARS) AS OF MAY 19, 1989.

2/ PER 100 MILLION VEHICLE-MILES OF TRAVEL.

3/ DATA NOT REPORTED BY STATE.

4/ RATE CANNOT BE COMPUTED.

5/ THE TOTAL IS BASED ONLY ON THE DATA SHOWN IN THE TABLE. IT DOES NOT REPRESENT A NATIONAL TOTAL BECAUSE OF MISSING DATA. THE TOTAL FATAL ACCIDENT AND FATALITY RATES ARE BASED ON THE TOTAL TRAVEL SHOWN ON THE TABLE. THE TOTAL NONFATAL INJURY ACCIDENT AND NONFATAL INJURY RATES ARE BASED ON A TOTAL TRAVEL OF 1,981,393 MILLION VEHICLE-MILES FOR THE STATES REPORTING THIS DATA.

6/ ESTIMATES OF TRAVEL, NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE MADE BY FHWA.

SPEED DATA 1
IN MILES PER HOUR
BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1988

TABLE VS-1
AUGUST 1989

Table with columns: STATE, INTERSTATE, URBAN, INTERSTATE, RURAL, and STATEWIDE. Each column contains Average, Median, and 85th Percentile values. Includes footnotes 1/ through 5/ at the bottom.

TRAVEL MONITORING DIVISION
OFFICE OF HIGHWAY INFORMATION MANAGEMENT
(OCTOBER 1987 - SEPTEMBER 1988)

1/ SPEED DATA ARE FOR ALL VEHICLES RATHER THAN FREE FLOWING VEHICLES AS IN VS-1 TABLES
2/ DATA HAVE NOT BEEN ADJUSTED FOR SPEEDOMETER OR EQUIPMENT ERRORS. DATA IN THIS TABLE ARE ONLY FOR HIGHWAYS WITH A SPEED AT OR BELOW WHICH 50 PERCENT OF THE VEHICLES ARE TRAVELING.
3/ MEDIAN PERCENTILE SPEED IS THE SPEED AT OR BELOW WHICH 85 PERCENT OF THE VEHICLES ARE TRAVELING.
4/ NO MILLEAGE IN THIS HIGHWAY CATEGORY WHERE THE 55 MPH SPEED LIMIT IS THE PRIMARY CONSTRAINT ON VEHICLE SPEEDS.
5/ WILSON BRIDGE ONLY SECTION WITH 55 MPH SPEED LIMIT. MARYLAND MONITORS NEAR BRIDGE.

SPEED DATA¹
IN PERCENT EXCEEDING INDICATED MILES-PER-HOUR INCREMENTS
BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1988

TABLE VS-2
 AUGUST 1989

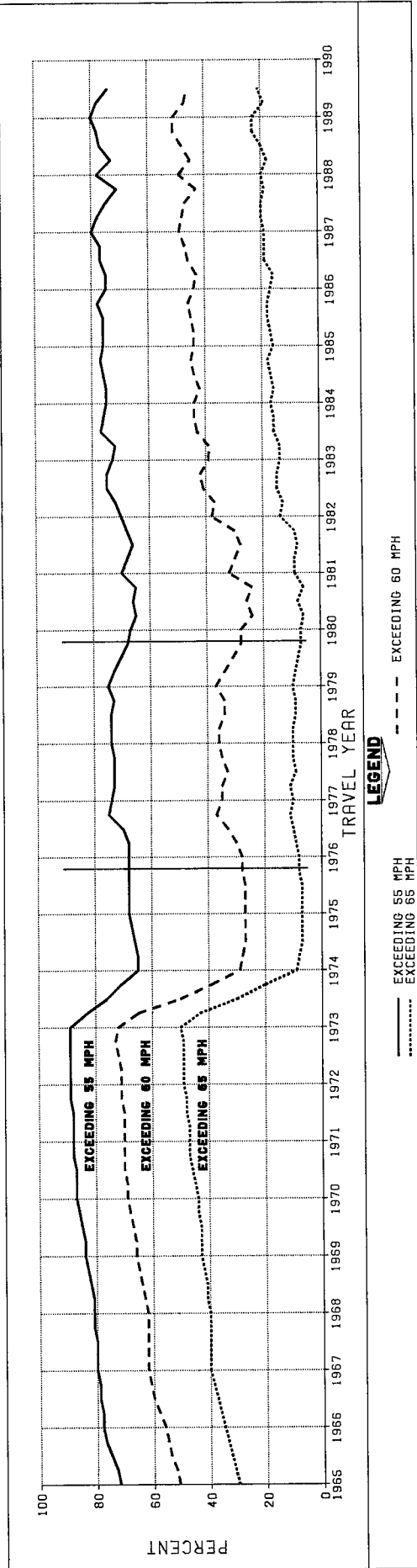
OCTOBER 1987 - SEPTEMBER 1988)

TRAVEL MONITORING DIVISION
 OFFICE OF HIGHWAY INFORMATION MANAGEMENT

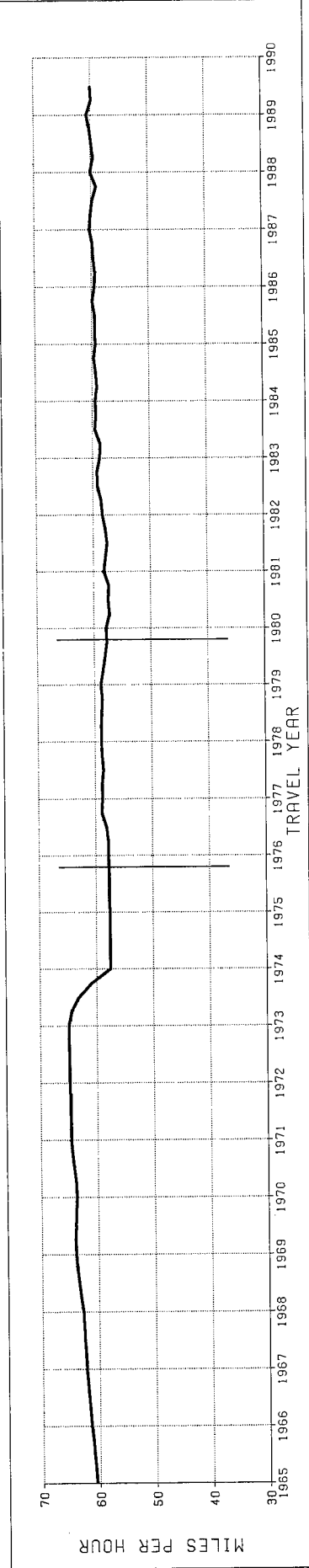
STATE	URBAN												RURAL						STATEWIDE					
	INTERSTATE			OTHER FREEWAYS AND EXPRESSWAYS			OTHER PRINCIPAL AND MINOR ARTERIALS			INTERSTATE			OTHER PRINCIPAL AND MINOR ARTERIALS			COLLECTIONS			STATEWIDE					
	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH	55 MPH	60 MPH	65 MPH			
ALABAMA	75.5	46.8	21.7	(2/1)	(2/1)	(2/1)	50.4	20.4	5.0	(2/1)	(2/1)	(2/1)	61.1	27.8	8.8	43.2	15.8	4.6	58.0	27.5	9.7			
ALASKA	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)			
ARIZONA	56.7	27.2	7.4	(2/1)	(2/1)	(2/1)	55.1	36.8	12.5	(2/1)	(2/1)	(2/1)	63.8	33.3	20.9	43.3	18.5	2.9	63.0	38.0	16.4			
ARKANSAS	77.5	43.9	15.8	(2/1)	(2/1)	(2/1)	41.1	13.3	(2/1)	(2/1)	(2/1)	47.9	19.9	6.1	41.7	21.7	8.7	31.6	51.6	24.3	10.2			
CALIFORNIA	65.9	36.8	14.9	66.4	44.9	16.7	33.1	13.0	4.1	83.9	41.5	16.8	67.7	48.2	17.7	70.0	32.1	11.7	65.4	39.5	15.1			
COLORADO	58.2	28.5	9.0	66.5	38.0	15.6	38.0	11.7	4.1	52.5	22.2	7.4	54.7	24.3	3.4	34.5	10.9	3.4	56.5	27.2	8.8			
CONNECTICUT	61.2	34.4	14.1	66.0	39.0	14.2	40.3	15.6	4.1	52.5	22.2	7.4	54.7	24.3	3.4	34.5	10.9	3.4	56.5	27.2	8.8			
DELAWARE	66.7	37.4	18.2	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	49.5	20.1	6.0	(2/1)	(2/1)	(2/1)	56.8	31.8	12.6			
DIST. OF COL.	(3/1)	(3/1)	(3/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)			
FLORIDA	74.3	45.1	18.0	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	67.7	48.2	17.7	70.0	32.1	11.7	65.4	39.5	15.1			
GEORGIA	74.3	45.1	18.0	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	67.7	48.2	17.7	70.0	32.1	11.7	65.4	39.5	15.1			
IDAHO	63.6	31.0	8.5	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	33.7	11.0	2.4	27.0	8.6	3.6	55.8	30.1	11.8			
ILLINOIS	59.7	32.7	12.6	68.5	38.0	11.7	38.0	11.7	4.1	52.5	22.2	7.4	54.7	24.3	3.4	34.5	10.9	3.4	56.5	27.2	8.8			
INDIANA	88.5	61.1	27.8	73.3	40.0	0.0	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	50.5	17.0	3.8	43.9	21.9	7.2	49.9	13.7	3.7			
INDIAN	81.2	49.2	19.2	3.3	0.0	0.0	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	50.5	17.0	3.8	43.9	21.9	7.2	49.9	13.7	3.7			
IOWA	84.6	56.5	26.3	26.5	44.5	15.7	54.9	18.5	3.9	(2/1)	(2/1)	(2/1)	60.7	27.0	8.9	46.8	23.9	10.5	63.0	32.5	12.7			
KANSAS	73.4	39.5	19.7	72.1	44.5	17.2	44.5	17.2	4.1	52.5	22.2	7.4	54.7	24.3	3.4	34.5	10.9	3.4	56.5	27.2	8.8			
KENTUCKY	74.3	44.3	16.0	61.1	35.2	6.5	31.0	18.2	1.7	(2/1)	(2/1)	(2/1)	58.0	17.0	3.8	61.0	27.0	7.1	59.9	26.5	9.3			
LOUISIANA	69.6	39.4	15.0	54.8	23.2	5.4	75.9	43.1	7.4	(2/1)	(2/1)	(2/1)	53.4	20.9	5.4	42.5	15.0	4.6	58.6	26.8	8.2			
MAINE	71.9	42.6	15.4	47.9	21.9	6.4	36.3	10.8	2.4	63.8	38.5	16.2	62.1	31.9	17.5	27.0	8.6	2.7	49.9	13.7	3.7			
MARYLAND	52.0	26.3	8.9	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1			
MASSACHUSETTS	72.0	41.5	15.3	54.8	23.2	5.4	75.9	43.1	7.4	(2/1)	(2/1)	(2/1)	53.4	20.9	5.4	42.5	15.0	4.6	58.6	26.8	8.2			
MINNESOTA	76.4	43.4	16.0	61.1	35.2	6.5	31.0	18.2	1.7	(2/1)	(2/1)	(2/1)	58.0	17.0	3.8	61.0	27.0	7.1	59.9	26.5	9.3			
MISSISSIPPI	67.1	42.3	17.0	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	60.7	27.0	8.9	46.8	23.9	10.5	63.0	32.5	12.7			
MISSOURI	65.9	29.7	8.3	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	60.7	27.0	8.9	46.8	23.9	10.5	63.0	32.5	12.7			
MONTANA	70.6	36.4	7.8	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	60.7	27.0	8.9	46.8	23.9	10.5	63.0	32.5	12.7			
NEBRASKA	66.4	34.3	10.9	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1			
NEVADA	79.7	54.3	21.5	71.9	44.1	17.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1	60.6	31.6	11.1			
NEW HAMPSHIRE	73.3	43.6	18.6	61.1	35.2	6.5	31.0	18.2	1.7	(2/1)	(2/1)	(2/1)	58.0	17.0	3.8	61.0	27.0	7.1	59.9	26.5	9.3			
NEW JERSEY	62.2	35.4	11.5	54.8	23.2	5.4	75.9	43.1	7.4	(2/1)	(2/1)	(2/1)	53.4	20.9	5.4	42.5	15.0	4.6	58.6	26.8	8.2			
NEW MEXICO	73.3	43.6	18.6	61.1	35.2	6.5	31.0	18.2	1.7	(2/1)	(2/1)	(2/1)	58.0	17.0	3.8	61.0	27.0	7.1	59.9	26.5	9.3			
NEW YORK	82.2	59.4	29.4	73.1	46.3	18.3	39.4	18.2	6.7	91.3	34.4	3.4	36.9	13.7	2.7	26.0	9.0	2.7	59.6	37.1	16.2			
NORTH CAROLINA	54.0	28.3	6.0	64.6	25.2	5.4	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	63.8	26.9	8.6	53.8	25.5	9.3	61.9	26.9	8.6			
NORTH DAKOTA	76.2	34.4	11.5	52.6	21.2	4.9	65.0	27.1	6.8	84.9	45.9	14.0	63.0	23.4	5.6	27.4	20.1	5.6	59.8	28.8	8.7			
OHIO	76.4	43.4	16.0	61.1	35.2	6.5	31.0	18.2	1.7	(2/1)	(2/1)	(2/1)	58.0	17.0	3.8	61.0	27.0	7.1	59.9	26.5	9.3			
OKLAHOMA	63.8	35.9	6.6	54.2	21.6	4.9	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
OREGON	60.9	35.6	16.8	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6			
PENNSYLVANIA	62.7	49.5	14.0	68.4	37.1	13.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6			
RHODE ISLAND	68.3	38.7	18.6	61.2	36.7	16.9	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
SOUTH CAROLINA	88.5	59.3	29.7	61.4	26.3	9.5	17.9	9.9	0.3	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
SOUTH DAKOTA	74.2	42.6	16.2	61.1	35.2	6.5	31.0	18.2	1.7	(2/1)	(2/1)	(2/1)	58.0	17.0	3.8	61.0	27.0	7.1	59.9	26.5	9.3			
TENNESSEE	71.6	46.6	22.8	69.3	36.6	13.6	41.5	19.9	7.5	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
TEXAS	66.7	37.4	18.2	66.0	39.0	14.2	40.3	15.6	4.1	52.5	22.2	7.4	54.7	24.3	3.4	34.5	10.9	3.4	56.5	27.2	8.8			
UTAH	74.8	36.8	16.8	55.9	13.3	5.7	32.6	8.5	3.1	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
VERMONT	51.5	28.9	9.1	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
WASHINGTON	68.2	26.6	18.6	40.9	14.5	4.8	44.2	11.7	1.9	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
WEST VIRGINIA	74.3	40.2	13.4	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	61.5	22.2	7.7	59.5	34.8	10.1	61.5	33.7	8.0			
WISCONSIN	79.8	43.4	17.0	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6	66.5	37.1	10.6			
WYOMING	69.9	39.9	15.9	64.7	33.0	11.1	42.6	17.5	5.0	74.0	45.5	18.8	54.9	24.9	8.5	42.8	18.4	6.6	57.2	28.6	10.7			
AVERAGE	69.7	39.9	15.9	64.7	33.0	11.1	42.6	17.5	5.0	74.0	45.5	18.8	54.9	24.9	8.5	42.8	18.4	6.6	57.2	28.6	10.7			

^{1/} SPEED DATA FOR ALL VEHICLES RATHER THAN FREE-FLOWING VEHICLES AS IN VS-2 TABLES
 PRIOR TO 1980. DATA HAVE NOT BEEN ADJUSTED FOR SPEEDMETER OR EQUIPMENT ERRORS. DATA IN THIS
 TABLE ARE ONLY FOR HIGHWAYS WITH A 55 MPH SPEED LIMIT.
^{2/} NO MILEAGE IN THIS HIGHWAY CATEGORY WHERE THE 55 MPH SPEED LIMIT IS THE PRIMARY
 CONSTRAINT ON VEHICLE SPEED.
^{3/} HILSON BRIDGE ONLY SECTION WITH 55 MPH SPEED LIMIT. MARYLAND MONITORS NEAR BRIDGE.

SPEED TRENDS ON RURAL INTERSTATE HIGHWAYS
PERCENTAGE OF VEHICLES EXCEEDING 55, 60 AND 65 MILES PER HOUR



AVERAGE SPEED OF VEHICLES ON RURAL INTERSTATE HIGHWAYS



The data from 1965 to 1979 represents free-moving traffic on level, straight, non-congested sections of Rural Interstate Highways. Beginning with fiscal year 1980, the data shows all vehicle travel on Rural Interstate Highways. 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 m.p.h. speed limit monitoring program. Since April of 1987, most of the Rural Interstate Highway System has been exempted from the 55 m.p.h. speed limit pursuant to Section 174 of Public Law 100-17, 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.

The data from 1965 to 1979 represents free-moving traffic on level, straight, non-congested sections of Rural Interstate Highways. Beginning with fiscal year 1980, the data shows all vehicle travel on Rural Interstate Highways. 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,

PERCENTAGE DISTRIBUTION OF AVERAGE DAILY TRAFFIC VOLUMES AND LOADINGS ON THE RURAL INTERSTATE SYSTEM¹

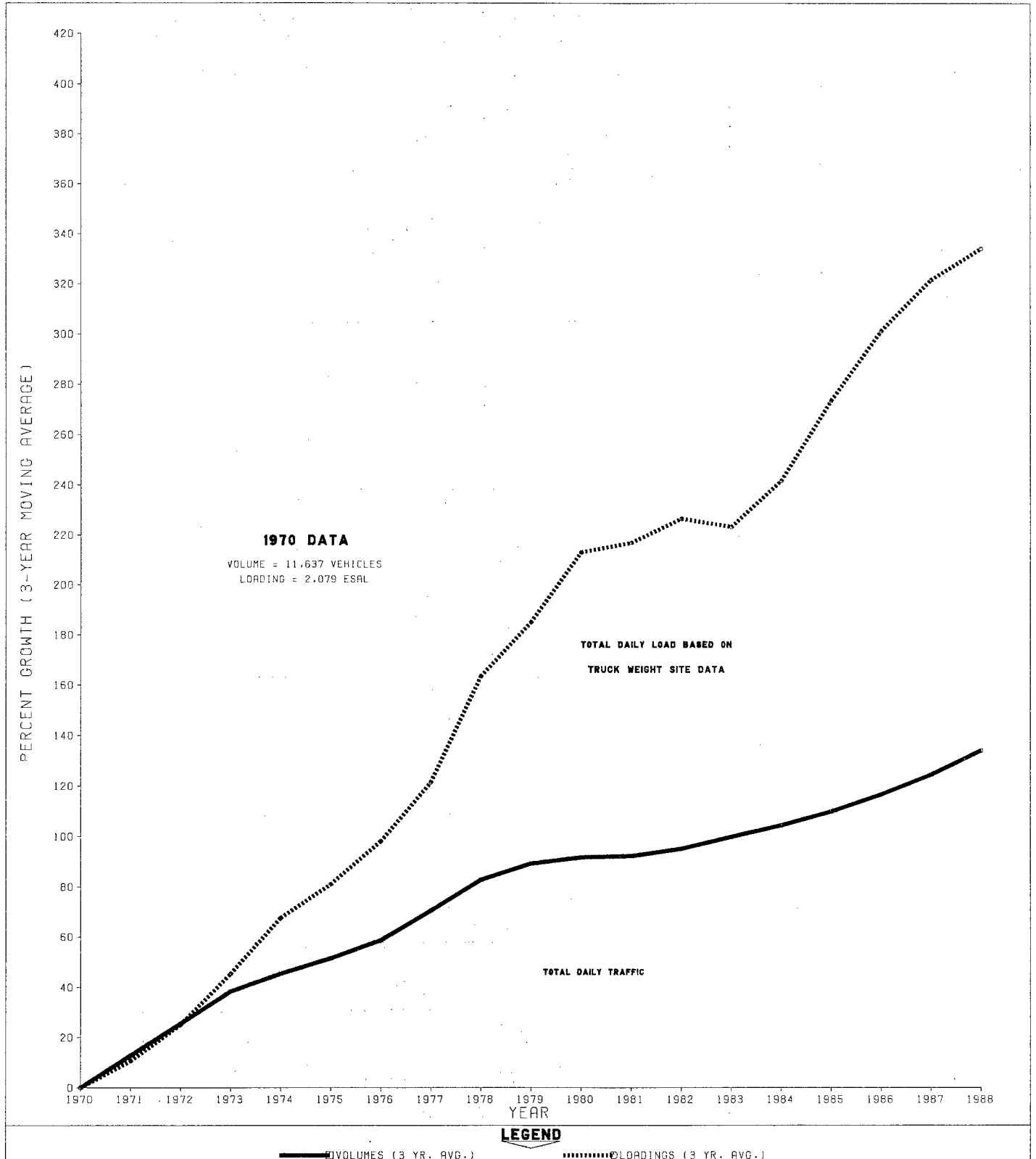
TABLE TC-3
SEPTEMBER 1989

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

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

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

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



HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS - 1987¹

COMPILED FOR THE CALENDAR YEAR FROM
REPORTS OF TERRITORIAL AUTHORITIES

TABLE TER-1
SHEET 1 OF 2
OCTOBER 1989

MOTOR FUEL, MOTOR VEHICLES, DRIVER LICENSES AND HIGHWAY FINANCE	AMERICAN SAMOA 2/	GUAM 3/	NORTHERN MARIANAS	VIRGIN ISLANDS 2/
I. MOTOR-FUEL CONSUMPTION				
A. TERRITORIAL TAX RATE PER GALLON ON DECEMBER 31:				
1. GASOLINE	\$0.115	\$0.11	NA	\$0.12
2. DIESEL AND LPG	-	NA	NA	\$0.12
B. NET GALLONS TAXED (1,000)				
1. AT PREVAILING RATES	3,695	47,411	NA	23,970
2. AT OTHER RATES	-	NA	NA	-
3. TOTAL	3,695	47,411	NA	23,970
II. MOTOR-FUEL TAX RECEIPTS (\$1,000)				
A. GROSS GALLONAGE RECEIPTS	425	NA	2,018	2,700
B. LESS:				
1. REFUNDS PAID	-	-	-	8
2. DEDICATED GALLONAGE TAX	-	NA	-	-
C. OTHER RECEIPTS	-	NA	-	922
D. NET TOTAL RECEIPTS	425	4,164	2,018	3,614
III. MOTOR-VEHICLE REGISTRATIONS 4/				
A. AUTOMOBILES	990	52,923	7,686	36,993
B. BUSES	28	264	65	793
C. TRUCKS	71	15,490	1,753	7,682
D. TOTAL	1,089	68,677	9,504	45,468
E. TRAILERS	2	1,134	-	448
F. MOTORCYCLES	13	2,578	275	493
IV. DRIVER LICENSES				
A. LEARNER PERMITS ISSUED	229	-	235	4,562
B. OPERATOR LICENSES ISSUED	1,959	24,794	4,760	14,739
C. CHAUFFEUR LICENSES ISSUED	603	1,863	-	-
D. MOTORCYCLE LICENSES ISSUED	-	357	-	492
E. DRIVER LICENSES IN FORCE	6,256	5/ 70,026	5/ 11,935	NA
V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)				
A. REGISTRATION FEES	57	2,510	264	1,881
B. DRIVER LICENSES	14	107	NA	235
C. MOTOR CARRIERS	-	-	-	34
D. OTHER	-	NA	-	590
E. TOTAL	71	2,617	264	2,740
VI. HIGHWAY RECEIPTS (\$1,000)				
A. HIGHWAY-USER REVENUE	496	6,574	2,231	6,354
B. GENERAL FUNDS	-	-	-	-
C. FHWA FUNDS	1,983	2,839	706	7,341
D. OTHER FEDERAL FUNDS	138	183	170	216
E. TOTAL RECEIPTS	2,617	9,596	3,107	13,911
VII. HIGHWAY DISBURSEMENTS (\$1,000)				
A. CAPITAL OUTLAY	1,843	1,233	441	10,971
B. MAINTENANCE	763	2,476	291	1,954
C. ADMINISTRATION	22	828	-	770
D. HIGHWAY LAW ENFORCEMENT	267	459	1,183	216
E. TOTAL DISBURSEMENTS	2,895	4,996	1,915	13,911

**HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM,
VIRGIN ISLANDS AND THE NORTHERN MARIANAS - 1987¹**

COMPILED FOR THE CALENDAR YEAR FROM
REPORTS OF TERRITORIAL AUTHORITIES

TABLE TER-1
SHEET 2 OF 2
OCTOBER 1989

MILEAGE AND TRAVEL	AMERICAN SAMOA 6/			GUAM 7/			NORTHERN MARIANAS 8/		
	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL
MILEAGE BY SURFACE TYPE									
SURFACE TYPE:									
A, B, C	-	-	-	-	13	13	41	-	41
D, E	19	10	29	-	140	140	34	-	34
F, G-1, H-1	99	15	114	-	612	612	-	-	-
G-2, H-2, I	-	-	-	140	-	140	56	-	56
UNCLASSIFIED BY SURFACE TYPE	-	-	-	-	5	5	-	176	176
TOTAL MILEAGE	118	25	143	140	770	910	131	176	307
MILEAGE BY SYSTEMS									
PRIMARY:									
RURAL	107	-	107	61	-	61	62	-	62
MUNICIPAL	11	-	11	61	-	61	-	-	-
SECONDARY:									
MUNICIPAL	-	-	-	18	4	22	69	128	197
RURAL COUNTY ROADS	-	-	-	-	-	-	-	-	-
LOCAL ROADS UNDER STATE CONTROL	-	5	5	-	346	346	-	48	48
OTHER	-	20	20	-	420	420	-	-	-
TOTAL MILEAGE	118	25	143	140	770	910	131	176	307
MILEAGE BY ROADWAY WIDTH									
LESS THAN 20 FEET	53	19	72	-	-	-	10	-	10
20-21	42	2	44	2	-	2	-	-	-
22-23	-	-	-	72	-	72	11	-	11
24-26	-	-	-	14	-	14	32	-	32
27-35	-	-	-	2	-	2	4	-	4
36-43	-	-	-	5	-	5	-	-	-
44-47	-	-	-	7	-	7	-	-	-
48 AND OVER	-	-	-	20	-	20	5	-	5
UNCLASSIFIED BY WIDTH	23	4	27	18	770	788	69	176	245
TOTAL MILEAGE	118	25	143	140	770	910	131	176	307
MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME									
VEHICLES PER DAY:									
LESS THAN 400	66	-	66	-	-	-	25	-	25
400 - 999	6	-	6	-	-	-	8	-	8
1,000 - 1,999	23	-	23	24	-	24	1	-	1
2,000 - 2,999	-	-	-	23	-	23	7	-	7
3,000 - 3,999	-	-	-	10	-	10	4	-	4
4,000 - 4,999	-	-	-	2	-	2	3	-	3
5,000 - 9,999	-	-	-	12	-	12	10	-	10
10,000 - 14,999	-	-	-	19	-	19	2	-	2
15,000 - 19,999	-	-	-	15	-	15	-	-	-
20,000 - 29,999	-	-	-	5	-	5	2	-	2
30,000 - 39,999	-	-	-	2	-	2	-	-	-
40,000 AND OVER	-	-	-	9	-	9	-	-	-
UNCLASSIFIED BY ADT	23	25	48	19	770	789	69	176	245
TOTAL MILEAGE	118	25	143	140	770	910	131	176	307
MILEAGE BY LANES AND ACCESS CONTROL									
2 LANES	-	-	-	92	-	92	126	176	302
3 LANES	-	-	-	5	-	5	5	-	5
ONE-WAY STREETS	-	-	-	-	-	-	-	-	-
UNDIVIDED 4 OR MORE LANES	-	-	-	10	-	10	-	-	-
DIVIDED 4 OR MORE LANES:									
NO ACCESS CONTROL	-	-	-	-	-	-	-	-	-
PARTIAL ACCESS CONTROL	-	-	-	-	-	-	-	-	-
FULL ACCESS CONTROL	-	-	-	33	-	33	-	-	-
UNCLASSIFIED	118	25	143	-	770	770	-	-	-
TOTAL MILEAGE	118	25	143	140	770	910	131	176	307
VEHICLE MILES OF TRAVEL (MILLIONS)	66	NA	NA	409	66	475	74	20	94

1/ NA MEANS NOT AVAILABLE. NO MILEAGE OR TRAVEL DATA AVAILABLE FOR THE VIRGIN ISLANDS.
 2/ DATA FOR AMERICAN SAMOA AND THE VIRGIN ISLANDS ARE FOR 1986.
 3/ DATA FOR GUAM ARE FOR 1986, EXCEPT MOTOR-FUEL TAX RECEIPTS, HIGHWAY RECEIPTS, AND HIGHWAY DISBURSEMENTS WHICH ARE FOR 1984, AND DRIVER LICENSES, WHICH ARE FOR 1987.
 4/ PRIVATE AND COMMERCIAL VEHICLES ONLY.
 5/ ESTIMATED BY FEDERAL HIGHWAY ADMINISTRATION.
 6/ ROADWAY WIDTH AND DAILY TRAFFIC VOLUME DATA ARE ESTIMATED BASED ON 1984 INFORMATION; SYSTEMS AND LANES AND ACCESS CONTROL ARE ESTIMATED BASED ON 1985 INFORMATION. 118 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U. S. C. 402(C)).
 7/ 490 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U. S. C. 402(C)). TRAVEL FIGURES EXCLUDE THE 420 MILES OF NONPUBLIC ROADWAY AND ARE 1984 DATA.
 8/ 167 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U. S. C. 402(C)).

HIGHWAY STATISTICS FOR THE COMMONWEALTH OF PUERTO RICO - 1988

TABLE PR-1
SHEET 1 OF 2
OCTOBER 1989

COMPILED FOR THE CALENDAR YEAR FROM
REPORTS OF COMMONWEALTH AUTHORITIES

MOTOR FUEL, MOTOR VEHICLES, AND DRIVER LICENSES	COMMON- HEALTH	HIGHWAY AND MASS TRANSPORTATION	COMMON- HEALTH	LOCAL AUTHORITIES 1/
			(THOUSANDS OF DOLLARS)	
I. MOTOR-FUEL CONSUMPTION 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 889,686 2. AT OTHER RATES (AVIATION) 2,399 3. TOTAL 812,085		VI. HIGHWAY USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS A. NET HIGHWAY-USER REVENUES: 1. MOTOR-FUEL TAXES 121,378 2. MOTOR-VEHICLE AND CARRIER TAXES 59,958 3. SUBTOTAL 181,336 B. TOLL RECEIPTS 35,718 C. OTHER STATE TAXES 20,420 D. GENERAL FUND APPROPRIATION 24,212 E. FEDERAL HIGHWAY ADMINISTRATION FUNDS 39,369 F. OTHER FEDERAL FUNDS 60,790 G. PARKING FUNDS 18,735 H. INTERAGENCY PAYMENTS - I. PROCEEDS FROM BONDS - J. PROCEEDS FROM NOTES - K. MISCELLANEOUS RECEIPTS - L. TOTAL RECEIPTS 5,855 M. RESERVES AT BEGINNING OF YEAR 341,803 N. TOTAL FUNDS AVAILABLE 136,016 44,632		
II. MOTOR-FUEL TAX RECEIPTS (\$1,000) A. GROSS GALLONAGE RECEIPTS 124,798 B. LESS: 1. REFUNDS PAID 578 2. DEDICATED GASOLINE TAX (AVIATION) 47 C. OTHER RECEIPTS 698 D. NET TOTAL RECEIPTS 124,871		VII. DISBURSEMENTS FROM HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS A. EXPENSES OF COLLECTING AND ADMINISTERING HIGHWAY-USER REVENUES 5,942 B. CAPITAL OUTLAY: 1. RURAL ARTERIAL 51,590 2. RURAL COLLECTOR 18,574 3. URBAN ARTERIAL 41,313 4. URBAN COLLECTOR 8,347 5. LOCAL ROADS AND STREETS 33,884 6. SUBTOTAL 153,708 C. MAINTENANCE 23,325 D. ADMINISTRATION 27,981 E. HIGHWAY POLICE AND SAFETY 12,718 F. BOND INTEREST 47,178 G. BOND RETIREMENT 19,180 H. NOTE INTEREST - I. NOTE RETIREMENT - J. MASS TRANSPORTATION 60,858 K. NONHIGHWAY EXPENDITURES - L. TOTAL DISBURSEMENTS 350,890 M. RESERVES AT END OF YEAR 126,929 N. TOTAL FUNDS ACCOUNTED FOR 477,819 43,946		
III. MOTOR-VEHICLE REGISTRATIONS A. AUTOMOBILES 1,294,904 B. TRUCKS 222,067 C. BUSES 1,573 D. TOTAL 1,518,544 E. TRAILERS 20,162 F. MOTORCYCLES 24,225		VIII. BONDED INDEBTEDNESS A. AMOUNT OUTSTANDING BEGINNING OF YEAR 52,242 B. OBLIGATIONS ISSUED (PAR VALUE) 4,256 C. OBLIGATIONS REDEEMED (PAR VALUE) 130 3,216 D. AMOUNT OUTSTANDING END OF YEAR 59,844		
IV. DRIVER LICENSES A. LEARNER PERMITS ISSUED 77,925 B. OPERATOR LICENSES ISSUED 284,999 C. CHAUFFEUR LICENSES ISSUED 82,610 D. MOTORCYCLE OPERATOR LICENSES 66 E. DRIVER LICENSES IN FORCE 1,361,426		V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000) A. REGISTRATION FEES 52,242 B. DRIVER LICENSES 4,256 C. MOTOR CARRIERS 130 D. OTHER 3,216 E. TOTAL 59,844		
1/ COMPILED FOR THE 1987 FISCAL YEAR. 2/ INCLUDES SHORT TERM NOTES OF \$1,530,000 OUTSTANDING AT THE BEGINNING OF FISCAL 1987, \$566,000 REDEEMED, AND \$964,000 OUTSTANDING AT THE END OF THE 1987 FISCAL YEAR.				

HIGHWAY MILEAGE AND TRAVEL FOR THE COMMONWEALTH OF PUERTO RICO - 1988
BY FUNCTIONAL SYSTEM

COMPILED IN COOPERATION WITH THE COMMONWEALTH AUTHORITIES

TABLE PR-1
 SHEET 2 OF 2
 OCTOBER 1989

ACCESS CONTROL, FEDERAL-AID SYSTEMS, LANE WIDTH AND VEHICLE-MILES	RURAL					URBAN					TOTAL			
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL		MINOR ARTERIAL	COLLECTOR	LOCAL
NO ACCESS CONTROL UNDIVIDED: LESS THAN 4 LANES 4 OR MORE LANES	-	51	219	1,006	521	-	1,797	-	2	167	321	427	-	915
DIVIDED: LESS THAN 4 LANES 4 OR MORE LANES	24	10	5	-	-	-	24	18	19	53	5	15	-	23
PARTIAL ACCESS CONTROL UNDIVIDED: LESS THAN 4 LANES 4 OR MORE LANES	-	1	-	4	-	-	5	-	-	2	-	1	-	3
DIVIDED: LESS THAN 4 LANES 4 OR MORE LANES	3	-	-	-	-	-	3	1	9	5	-	1	-	20
FULL ACCESS CONTROL UNDIVIDED: LESS THAN 4 LANES 4 OR MORE LANES	-	17	-	2	-	-	2	41	37	-	-	-	-	78
TOTAL MILEAGE	83	79	227	1,012	521	-	1,922	115	67	245	372	467	-	1,266
MILEAGE BY FEDERAL-AID SYSTEM 2/														
RURAL: PRIMARY SECONDARY	83	79	227	851	-	-	389	-	-	-	-	-	-	389
TOTAL RURAL FEDERAL-AID	83	79	227	851	-	-	1,240	-	-	-	-	-	-	851
URBAN: PRIMARY URBAN	-	-	-	-	-	-	115	115	35	158	17	171	-	325
TOTAL URBAN FEDERAL-AID	-	-	-	-	-	-	115	115	55	244	330	171	-	589
NON-FEDERAL-AID	-	-	-	161	521	3,692	4,374	-	12	1	42	296	2,949	914
TOTAL MILEAGE	83	79	227	1,012	521	3,692	5,614	115	67	245	372	467	2,949	9,829
MILEAGE BY LANE WIDTH 1/														
8 FEET OR LESS	-	6	13	378	229	-	626	-	1	21	43	88	-	153
9 FEET	-	15	46	343	229	-	633	-	-	27	67	89	-	177
10 FEET	-	12	61	227	41	-	341	6	2	45	71	73	-	197
11 FEET	5	11	22	6	22	-	66	14	28	42	52	70	-	238
12 FEET OR MORE	78	35	85	58	-	-	256	95	36	110	139	144	-	524
TOTAL MILEAGE	83	79	227	1,012	521	-	1,922	115	67	245	372	467	-	1,266
VEHICLE-MILES OF TRAVEL (MILLIONS)														
VEHICLE-MILES OF TRAVEL	726	395	553	960	402	507	3,543	2,301	740	1,869	1,407	1,090	691	8,098
1/ AS EXPANDED FROM THE 1988 HPMS SAMPLE DATA. DATA ON LOCAL FUNCTIONAL SYSTEM NOT AVAILABLE.														
2/ DOES NOT INCLUDE 32 MILES OF FEDERAL-AID SECONDARY FERRYBOAT MILEAGE.														



VEHICLES, DRIVERS, AND FUELS

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■ Motor Vehicles

■ Driver Licensing

HIGHWAY FINANCE

■ Summary for All Units of Government

■ Federal Highway Finance

■ State Highway Finance

■ Local Road and Street Finance

ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

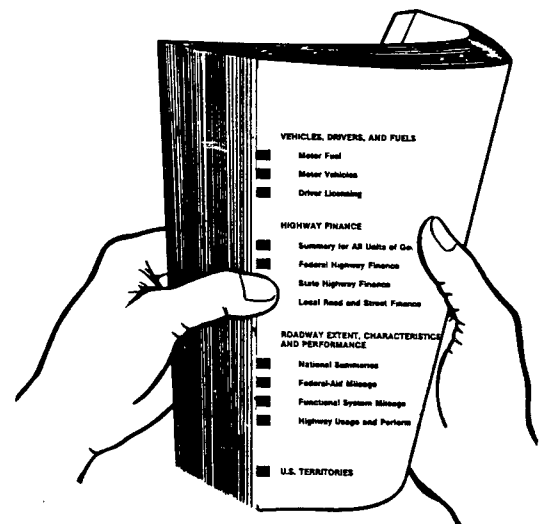
■ National Summaries

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