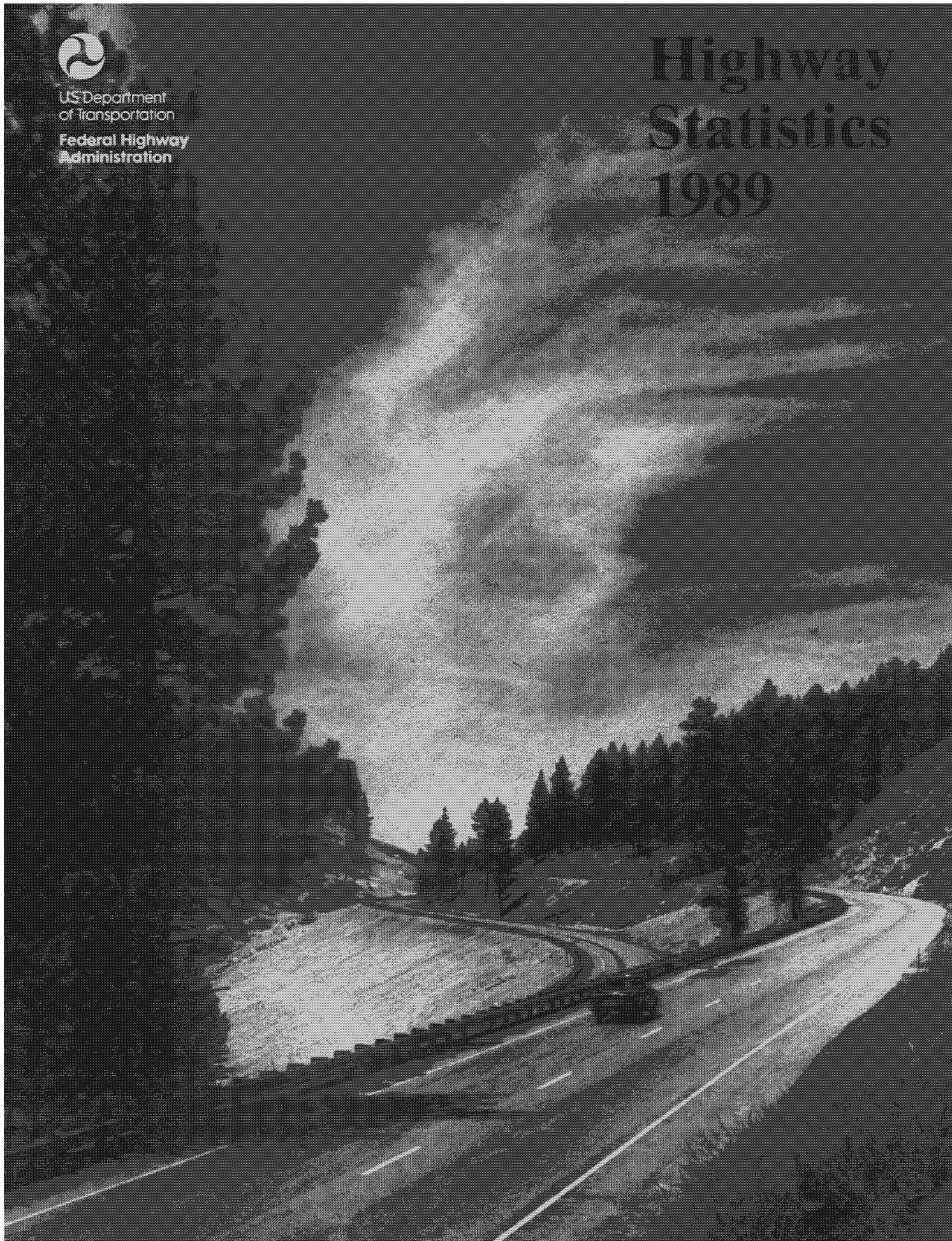




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Highway Statistics 1989



COVER PHOTOGRAPH

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



U.S. Department
of Transportation

**Federal Highway
Administration**

Highway Statistics 1989

Thomas D. Larson
Federal Highway Administrator

Preface

This publication was prepared by the Office of Highway Information Management, Federal Highway Administration. The 45th of an annual series, it presents the 1989 analyzed statistics of general interest on motor fuel, motor vehicles, driver licensing, highway-user taxation, State highway finance, highway mileage, and Federal aid for highways; and 1988 highway finance data for municipalities, counties, townships, and other units of local government. A listing of the data is given in the table of contents and a brief description is given in the text accompanying each section.

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

	<i>Stock Number</i>	<i>Cost per Copy</i>
Highway Statistics, 1985	050-001-00301-5	\$10.00
Highway Statistics, Summary to 1985	050-001-00303-1	\$11.00
Highway Statistics, 1988	050-001-00310-4	\$10.00

The annual Highway Statistics for years 1969-1988, and the Summary to 1985 are available on microfiche from the Department of Commerce, National Technical Information Service, Springfield, Virginia 22161. Following are the accession numbers and prices to be used when ordering. There is a handling charge of \$3.00 per order.

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

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

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

Contents

	<i>Table</i>	<i>Page</i>
Introduction		1

MOTOR FUEL

Discussion		3
Analysis of motor-fuel use:		
Motor-fuel gallonage taxed	MF-2	4
Motor-fuel use	MF-21	5
Total gasoline use	MF-21A	6
Nonhighway use of gasoline	MF-24	7
Highway use of special fuel by months	MF-25	8
Highway use of gasoline by months	MF-26	9
Monthly gasoline reported by States	MF-33GA	10
Monthly gasohol reported by States	MF-33GLA	11
Percent change in highway use of gasoline (map)		12
Special fuel as a percent of total highway use of motor fuel (map)		13
Gasohol as a percent of highway-use gasoline (chart)		14
Rates and revenues:		
State motor-fuel taxes and related receipts	MF-1	63
Disposition of State motor-fuel tax receipts	MF-3	64
State tax rates on motor fuel	MF-121T	65

MOTOR VEHICLES

Discussion		15
Vehicle registration:		
Automobiles per capita (map)		16
State motor-vehicle registrations	MV-1	17
Publicly owned vehicles	MV-7	18
Truck and truck-tractor registrations	MV-9	19
Bus registrations	MV-10	20
Trailer and semitrailer registrations	MV-11	21
Licensed drivers, vehicle registrations, and resident population (chart)		22
Vehicle registrations, fuel consumption, and vehicle-miles of travel (index chart)		23
Rates and revenues:		
State motor-vehicle and motor-carrier tax receipts	MV-2	67
Disposition of State motor-vehicle and motor-carrier tax receipts	MV-3	68

DRIVER LICENSING

Discussion		24
Motor-vehicle driver licenses	DL-1	25
Licensed drivers, by sex	DL-1A	30

	<i>Table</i>	<i>Page</i>
Ratio of licensed drivers to population	DL-1B	31
Licensed drivers, by sex and percentage in each age group	DL-20	32
Licensed drivers per motor vehicle (map)		33

HIGHWAY FINANCE

Discussion		34
Highway finance summaries:		
Total receipts and disbursements for highways, all units of government--summary	HF-10	39
Total receipts for highways, all units of government	HF-1	40
Total disbursements, all units of government	HF-2	41
Estimated long term highway obligations	HB-2	42
Federal highway finance:		
Status of the Federal Highway Trust Fund	FE-10	43
Status of the Federal Highway Trust Fund (chart)		44
Federal Highway Trust Fund receipts attributable to highway users in each State	FE-9	45
Comparison of Federal Highway Trust Fund receipts attributable to the States and Federal-aid apportionments	FE-221	47
Federal tax rates on motor vehicles and related products	FE-101	48
Net revenues to the Federal Highway Trust Fund	FE-201	50
Expenditure of Federal funds administered by the Federal Highway Administration		
Federal-aid highway fund apportionments	FA-3	53
Federal-aid highway fund apportionments	FA-4	54
Federal-aid highway apportionment formulas	FA-4A	55
Obligation of Federal-aid highway funds	FA-4B	56
Receipts and expenditures for highways by Federal agencies--summary	FA-5	57
Price trends for Federal-aid highway construction (and chart)	PT-1	58
Average distribution of costs on contracts completed (chart)		59
Usage factors for major highway construction materials and labor	PT-4	60
Cost trends for highway maintenance and operation (and chart)	PT-5	61
State highway finance:		
Disposition of receipts from State imposts on highway users	DF	62
State motor-fuel taxes and related receipts	MF-1	63
Disposition of State motor-fuel tax receipts	MF-3	64
State tax rates on motor fuel	MF-121T	65
State motor-vehicle and motor-carrier tax receipts	MV-2	67
Disposition of State motor-vehicle and motor-carrier tax receipts	MV-3	68
State receipts and disbursements for highways--summary	SF-21	69
State highway-user revenues and other receipts applicable to highways--summary	SF-1	70
Disbursements from State highway-user revenues and other receipts applicable to highways--summary	SF-2	71
State receipts and disbursements for highways (charts)		72
Receipts for State-administered highways	SF-3	73
Disbursements for State-administered highways	SF-4	74
Disbursements for State-administered, classified by function	SF-4C	75
State grants-in-aid for local roads and streets	SF-5A	76
State receipts applicable to local roads and streets	SF-5	77
State expenditures and grants-in-aid for local roads and streets	SF-6	78

	<i>Table</i>	<i>Page</i>
State highway agency capital outlay and maintenance, classified by functional system	SF-12	79
State highway agency capital outlay, classified by improvement type	SF-12A	82
State obligations for highways:		
Obligations, issued or assumed during year	SB-1	85
Change in indebtedness during year	SB-2	86
Receipts and disbursements for debt service	SB-3	88
State toll facility finance:		
Receipts for toll road and crossing facilities	SF-3B	90
Disbursements for toll road and crossing facilities	SF-4B	92
State receipts and disbursements for mass transportation	SMT	94
Local government highway finance:		
Receipts and disbursements for highways--summary	LGF-21	95
Receipts of counties and townships for highways	LF-1	96
Disbursements by counties and townships for highways	LF-2	97
Change in status of county and township highway obligations	LB-2	98
Receipts of municipalities for highways	UF-1	99
Disbursements by municipalities for highways	UF-2	100
Change in status of municipal highway obligations	UB-2	101
Receipts of county toll facilities	LF-32	102
Disbursements by county toll facilities	LF-42	103
Receipts of municipal toll facilities	UF-32	104
Disbursements by municipal toll facilities	UF-42	105

ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

Discussion		106
Public road mileage in the United States, classified by:		
type of surface and functional system	HM-12	111
Federal-aid and administrative system	HM-16	112
Federal-aid system and functional system	HM-18	113
jurisdiction	HM-10	114
Federal-aid system and jurisdiction	HM-14	115
Federal-aid system	HM-15	118
functional system	HM-20	119
Federal-aid data:		
Federal-aid highway systems mileage, classified by:		
type of surface	HM-31	120
lane width	HM-33	122
traffic lanes, access control, and States	HM-35	124
traffic lanes and access control	HM-36	126
average daily traffic volume	HM-37	127
lane width, access control, and average daily traffic volume	HM-39	130
Interstate System mileage	HM-45	133
National Network for Trucks	HM-43	134
Number of highway bridges	HM-41	135

	<i>Table</i>	<i>Page</i>
Functional system data:		
Rural and urban arterial and collector mileage, classified by:		
jurisdiction	HM-50	136
type of surface	HM-51	140
lane width	HM-53	144
traffic lanes and access control	HM-55	148
average daily traffic volume	HM-57	152
lane width, access control, and average daily traffic volume	HM-59	156
volume-service flow ratio	HM-61	160
volume-service flow ratio (chart)		164
pavement condition	HM-63	165
measured pavement roughness	HM-64	169
Rural and urban arterial and collector lane mileage	HM-60	172
Number of highway bridges	HM-65	173
Local functional system mileage, by average daily traffic volume and surface type	HM-67	174
Urbanized area summaries:		
Mileage and daily vehicle-miles of travel	HM-71	177
Selected characteristics	HM-72	179
Highway usage and performance:		
Vehicle-miles of travel, by highway category, vehicle type, and related data	VM-1	181
Vehicle-miles of travel, by State and functional system	VM-2	182
Vehicle-miles of travel, by State and Federal-aid system	VM-3	183
Monthly distribution of travel (chart)		184
Motor vehicle traffic fatalities and injuries	FI-1	185
All vehicle traffic speed data (miles-per-hour)	VS-1	186
All vehicle traffic speed data (percent exceeding m.p.h.)	VS-2	187
Speed trends on rural Interstate highways (chart)		188
Distribution of average daily traffic volumes and loadings on the rural		
Interstate System	TC-3	189
Growth in volumes and loadings on rural Interstate highways (chart)		190
Volume-service flow ratio	HM-61	160
Pavement condition	HM-63	165
Measured pavement roughness	HM-64	169
U.S. TERRITORIES		
Highway statistics for the Commonwealth of Puerto Rico	PR-1	191
Highway statistics for the U.S. Territories	TER-1	193

INTRODUCTION

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

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

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

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

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

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

FEDERAL AGENCIES

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

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

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

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

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

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

STATE AGENCIES

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

District of Columbia, although a municipal type of government, is treated as a State.

COUNTIES AND TOWNSHIPS

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

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

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

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

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

MUNICIPALITIES

A municipality is a political subdivision within which a municipal corporation has been established to provide

general local government for a specific population concentration in a specified area.

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

URBAN AREAS

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

INDIVIDUAL UNIT STATISTICS

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

DUPLICATIONS

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

MOTOR FUEL

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

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

MOTOR-FUEL TAX COLLECTIONS

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

Diesel fuel is the most widely used of the special fuels. At the end of 1989, eleven States reported higher tax rates on diesel fuel than on gasoline and five States reported lower rates.

As of December 31, 1989 State gasoline tax rates ranged from 7.5 to 22.3 cents per gallon with a majority of the States charging 15 cents or more per gallon. Tax rates in effect for 1989 for gasoline and other motor fuels are given in table MF-121T.

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

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

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

MOTOR-FUEL USE

Analyses of 1989 motor-fuel consumption are given in tables MF-2, MF-21, MF-21A, MF-24, MF-25, and MF-26. Table MF-2, intended primarily to provide tax data for revenue analysis, shows gallonage taxed, exempted, and refunded regardless of the use of the fuel. The amounts of motor fuel used for highway and nonhighway purposes are shown separately in tables MF-21, MF-21A, and MF-24. These tables do not include data on fuel purchased by the Federal Government for military use or fuel exported from the United States. In tables MF-21, MF-21A, and MF-24, adjustments have been made to allow for losses from destruction, evaporation, spillage, etc. Table MF-25 shows private and commercial highway use of special fuels by month for all States, and table MF-26 gives highway use of gasoline. Table MF-33GA shows, by month, for the calendar year, gasoline data which have been reported in the publication, *Monthly Motor Fuel Reported by States*. Since the data in this table are taken from monthly reports issued by State fuel-tax agencies, and no year-end adjustments have been made, the totals will not agree with those shown in table MF-21A. Adjustments are made in the annual data to exclude percentage losses in excess of 1 percent and to reflect usage rather than tax collections. Table MF-33GLA shows gasohol (ethanol blends) sales by month for those States that were able to report data separately from gasoline.

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

(THOUSANDS OF GALLONS)

TABLE MF-21A
SEPTEMBER 1990

STATE	HIGHWAY				NONHIGHWAY			TOTAL
	PRIVATE AND COMMERCIAL	PUBLIC		TOTAL	PRIVATE AND COMMERCIAL	STATE, COUNTY, MUNICIPAL	TOTAL	
		FEDERAL	STATE, COUNTY, MUNICIPAL					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ALABAMA	2,025,266	3,370	28,640	2,057,276	52,413	9,547	61,960	2,119,236
ALASKA	195,013	2,242	4,885	202,140	31,597	1,628	33,225	235,365
ARIZONA	1,677,140	6,083	16,469	1,699,692	39,370	5,490	44,860	1,744,552
ARKANSAS	1,205,031	1,893	13,833	1,220,757	34,976	4,611	39,587	1,260,344
CALIFORNIA	12,721,883	29,427	224,759	12,976,069	281,698	74,920	356,618	13,332,687
COLORADO	1,455,946	2,938	20,110	1,478,994	34,398	6,703	41,101	1,520,095
CONNECTICUT	1,323,383	3,000	19,273	1,345,656	28,266	6,424	34,690	1,380,346
DELAWARE	331,208	566	4,582	336,356	11,204	1,527	12,731	349,087
DIST. OF COL.	168,215	3,524	2,737	174,476	4,049	912	4,961	179,437
FLORIDA	5,654,516	9,882	156,317	5,820,715	239,930	52,106	292,036	6,112,751
GEORGIA	3,410,905	5,061	49,748	3,465,714	96,128	16,583	112,711	3,578,425
HAWAII	355,676	1,177	6,635	363,488	19,043	2,212	21,255	384,743
IDAHO	424,419	3,254	16,868	444,541	34,685	5,623	40,308	484,849
ILLINOIS	4,772,918	7,080	53,142	4,833,140	92,870	17,714	110,584	4,943,724
INDIANA	2,523,152	2,988	43,661	2,569,801	62,576	14,554	77,130	2,646,931
IOWA	1,282,643	2,027	29,090	1,313,760	72,395	9,697	82,092	1,395,852
KANSAS	1,206,924	1,981	16,909	1,225,814	49,812	5,636	55,448	1,281,262
KENTUCKY	1,738,629	3,265	50,340	1,792,234	48,447	16,780	65,227	1,857,461
LOUISIANA	1,880,624	3,293	28,424	1,912,341	85,661	9,475	95,136	2,007,477
MAINE	561,528	880	14,754	577,162	26,911	4,918	31,829	608,991
MARYLAND	2,005,954	4,926	20,350	2,031,230	63,865	6,783	70,648	2,101,878
MASSACHUSETTS	2,390,691	4,769	24,043	2,419,503	67,314	8,014	75,328	2,494,831
MICHIGAN	4,097,647	5,601	82,925	4,186,173	117,563	27,642	145,205	4,331,378
MINNESOTA	1,926,789	3,138	24,470	1,954,397	118,784	8,157	126,941	2,081,338
MISSISSIPPI	1,171,532	2,587	17,546	1,191,665	48,189	5,849	54,038	1,245,703
MISSOURI	2,635,200	3,902	19,733	2,658,835	64,288	6,578	70,866	2,729,701
MONTANA	395,334	3,131	9,841	408,306	32,434	3,280	35,714	444,020
NEBRASKA	714,725	1,869	16,124	732,718	52,667	5,375	58,042	790,760
NEVADA	595,185	4,421	10,421	610,027	13,434	3,474	16,908	626,935
NEW HAMPSHIRE	504,715	873	8,779	514,367	8,794	2,926	11,720	526,087
NEW JERSEY	3,302,991	6,073	83,309	3,392,373	62,651	27,770	90,421	3,482,794
NEW MEXICO	764,079	5,157	15,305	784,541	21,290	5,102	26,392	810,933
NEW YORK	5,456,140	13,592	71,185	5,540,917	141,737	23,728	165,465	5,706,382
NORTH CAROLINA	3,137,723	3,693	75,304	3,216,720	89,825	25,101	114,926	3,331,646
NORTH DAKOTA	309,912	1,445	7,813	319,170	38,196	2,604	40,800	359,970
OHIO	4,727,614	5,775	74,579	4,807,968	141,707	24,860	166,567	4,974,535
OKLAHOMA	1,548,065	3,370	40,054	1,591,489	62,840	13,351	76,191	1,667,680
OREGON	1,284,467	5,453	28,173	1,318,093	38,783	9,391	48,174	1,366,267
PENNSYLVANIA	4,487,960	8,704	57,976	4,554,640	85,940	19,325	105,265	4,659,905
RHODE ISLAND	360,762	651	4,854	366,267	12,958	1,618	14,576	380,843
SOUTH CAROLINA	1,707,586	3,525	26,374	1,737,485	80,310	8,791	89,101	1,826,586
SOUTH DAKOTA	347,994	1,842	9,260	359,096	31,019	3,087	34,106	393,202
TENNESSEE	2,446,407	6,769	41,997	2,495,173	63,566	13,999	77,565	2,572,738
TEXAS	8,055,805	14,268	260,474	8,330,547	308,532	86,825	395,357	8,725,904
UTAH	709,173	2,790	11,422	723,385	16,380	3,807	20,187	743,572
VERMONT	265,386	416	4,658	270,460	8,641	1,553	10,194	280,654
VIRGINIA	2,889,665	5,797	54,793	2,950,255	64,696	18,264	82,960	3,033,215
WASHINGTON	2,197,662	8,198	32,680	2,238,540	56,808	10,893	67,701	2,306,241
WEST VIRGINIA	763,767	1,503	39,664	804,934	15,744	13,221	28,965	833,899
WISCONSIN	1,977,544	2,954	34,120	2,014,618	77,881	11,373	89,254	2,103,872
WYOMING	288,536	1,744	8,155	298,435	23,310	2,718	26,028	324,463
TOTAL	108,382,029	232,867	2,017,557	110,632,453	3,376,575	672,519	4,049,094	114,681,547

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

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

(THOUSANDS OF GALLONS)

TABLE MF-24
SEPTEMBER 1990

STATE	AGRICULTURAL USE	AVIATION 2/	INDUSTRIAL AND COMMERCIAL	CONSTRUCTION	MARINE	MISCEL- LANEOUS 3/	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ALABAMA	9,593	4,871	6,602	5,023	26,324	-	52,413
ALASKA	288	18,364	1,564	874	9,920	587	31,597
ARIZONA	6,847	7,856	4,626	6,466	13,575	-	39,370
ARKANSAS	10,933	3,836	3,256	1,104	15,847	-	34,976
CALIFORNIA	47,027	48,690	50,828	40,251	93,638	1,264	281,698
COLORADO	15,551	6,757	2,758	3,274	5,761	297	34,398
CONNECTICUT	2,165	1,468	4,649	5,026	13,248	1,710	28,266
DELAWARE	1,517	666	228	1,015	7,656	122	11,204
DIST. OF COL.	-	-	990	2,201	858	-	4,049
FLORIDA	7,582	36,404	18,513	18,007	159,424	-	239,930
GEORGIA	14,167	7,832	31,535	9,809	32,114	671	96,128
HAWAII	1,764	10,729	1,516	2,218	2,816	-	19,043
IDAHO	15,525	1,964	2,148	823	4,627	9,598	34,685
ILLINOIS	40,630	7,148	7,617	12,346	22,806	2,323	92,870
INDIANA	19,954	10,748	5,474	6,915	15,697	3,788	62,576
IOWA	43,463	4,139	10,091	2,163	12,265	274	72,395
KANSAS	28,249	5,826	5,322	2,208	7,297	910	49,812
KENTUCKY	15,670	1,977	16,323	3,871	10,606	-	48,447
LOUISIANA	6,392	4,294	2,939	3,137	68,899	-	85,661
MAINE	3,620	2,551	1,378	981	18,362	19	26,911
MARYLAND	5,673	3,053	1,867	7,128	44,492	1,652	63,865
MASSACHUSETTS	2,709	4,402	7,414	10,183	42,606	-	67,314
MICHIGAN	24,407	10,023	8,796	12,668	60,670	999	117,563
MINNESOTA	43,797	5,908	4,221	5,520	59,338	-	118,784
MISSISSIPPI	9,443	5,690	12,634	1,934	17,515	973	48,189
MISSOURI	25,715	7,475	2,190	5,259	21,142	2,507	64,288
MONTANA	19,637	3,531	6,924	391	1,951	-	32,434
NEBRASKA	40,055	3,462	4,013	1,190	3,947	-	52,667
NEVADA	1,721	4,420	2,561	2,043	2,689	-	13,434
NEW HAMPSHIRE	1,070	1,225	603	2,201	1,145	2,550	8,794
NEW JERSEY	5,326	4,776	6,449	9,596	35,669	835	62,651
NEW MEXICO	4,326	3,569	8,929	1,594	2,872	-	21,290
NEW YORK	28,345	3,319	13,542	17,479	45,179	33,873	141,737
NORTH CAROLINA	20,870	8,621	4,988	9,919	43,808	1,619	89,825
NORTH DAKOTA	30,555	1,160	3,941	501	2,039	-	38,196
OHIO	20,973	9,306	8,244	14,198	25,856	63,130	141,707
OKLAHOMA	21,518	6,171	15,341	1,927	17,883	-	62,840
OREGON	12,796	3,796	5,024	2,613	14,529	25	38,783
PENNSYLVANIA	19,806	6,521	25,610	11,962	22,041	-	85,940
RHODE ISLAND	295	1,714	194	1,008	9,747	-	12,958
SOUTH CAROLINA	9,141	4,450	17,689	4,505	44,525	-	80,310
SOUTH DAKOTA	19,281	3,304	3,412	415	2,661	1,946	31,019
TENNESSEE	15,741	6,789	3,990	6,106	22,911	8,029	63,566
TEXAS	71,757	30,515	106,587	14,626	72,168	12,879	308,532
UTAH	4,750	3,957	1,838	1,745	4,090	-	16,380
VERMONT	3,790	613	1,058	590	2,590	-	8,641
VIRGINIA	8,280	2,736	12,987	11,544	25,898	3,251	64,696
WASHINGTON	13,856	7,034	11,065	4,879	19,752	222	56,808
WEST VIRGINIA	2,030	1,426	7,564	1,005	3,719	-	15,744
WISCONSIN	28,252	4,792	3,892	4,947	35,463	535	77,881
WYOMING	14,760	1,439	5,626	189	1,296	-	23,310
TOTAL	821,612	351,317	497,550	297,577	1,251,931	156,588	3,376,575
PERCENTAGE	24.33	10.40	14.74	8.81	37.08	4.64	100.00

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

2/ DOES NOT INCLUDE AVIATION JET FUEL.

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

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

MONTHLY GASOLINE REPORTED BY STATES - 1989

COMPILED FOR THE CALENDAR YEAR FROM STATE FUEL TAX REPORTS (THOUSANDS OF GALLONS) TABLE MF-3300 SEPTEMBER 1990

Table with columns: STATE, JANUARY, FEBRUARY, MARCH, APRIL, MAY, JUNE, JULY, AUGUST, SEPTEMBER, OCTOBER, NOVEMBER, DECEMBER, TOTAL, CHANGE FROM 1988 (GALLONS), PER-CENT. Rows list 50 states and U.S. TOTAL.

THIS TABLE SHOWS GROSS GALLONS OF GASOLINE REPORTED BY WHOLESALE DISTRIBUTORS IN EACH STATE. THE DATA ARE TAKEN FROM STATE TAXATION REPORTS AND MAY REFLECT TIME LAGS OF UP TO 6 WEEKS OR MORE BETWEEN THE WHOLESALE LEVEL AND RETAIL SALES. THE DATA INCLUDE HIGHWAY USE, NONHIGHWAY USE, AND LOSSES. SINCE THE DATA ARE TAKEN FROM MONTHLY REPORTS ISSUED BY STATE FUEL TAX AGENCIES, AND NO YEAR-END ADJUSTMENTS HAVE BEEN MADE, THE TOTALS WILL NOT AGREE WITH THOSE SHOWN IN TABLE MF-21A EXCEPT BY COINCIDENCE. ADJUSTMENTS ARE MADE IN THE ANNUAL DATA TO ELIMINATE "EXPORTS AND MILITARY FUEL" AND TO ESTABLISH A MAXIMUM OF ONE PERCENT FOR PERCENTAGE LOSSES. ADJUSTMENTS WERE ALSO MADE TO REPORTED DATA FOR SOME STATES TO EXCLUDE JET FUEL.

MONTHLY GASOHOL REPORTED BY STATES - 1989

TABLE MF-330LA
SEPTEMBER 1990

(THOUSANDS OF GALLONS)

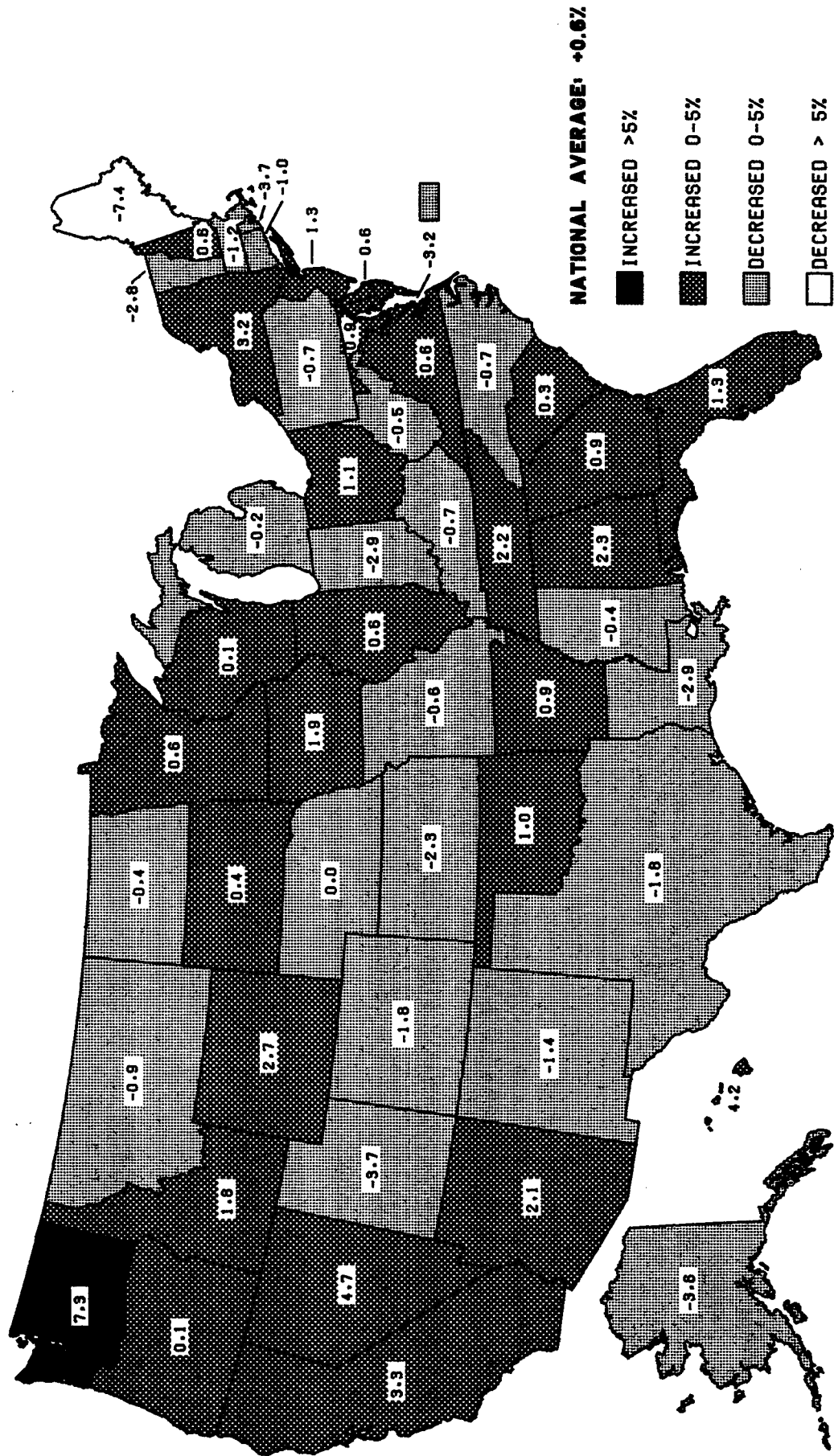
COMPILED FOR THE CALENDAR YEAR
FROM STATE FUEL TAX REPORTS

STATE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	1988 GALLONAGE
ALABAMA	29,892	27,949	14,590	16,629	13,945	11,532	12,237	13,149	12,538	14,986	13,996	14,272	195,725	416,308
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	12	215
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	37,316	30,512	33,507	28,644	30,799	27,268	31,649	31,985	32,335	31,484	25,895	27,790	368,185	489,235
COLORADO	5,024	5,613	6,336	4,695	5,377	4,613	4,106	5,763	3,135	14,689	1,822	9,337	70,522	50,707
CONNECTICUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	17	30	32	30	33	38	40	22	5,816	45	32	14	933	445
FLORIDA	7,485	6,799	6,592	8,359	7,226	7,022	6,431	5,928	2,686	5,242	5,503	5,954	77,957	76,312
GEORGIA	1,751	1,854	2,257	2,642	2,114	2,008	2,278	2,552	2,552	2,554	3,093	3,771	30,265	6,291
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	4,069	5,561	5,263	3,520	6,377	2,275	3,841	8,424	6,814	6,084	6,288	6,314	64,830	45,012
ILLINOIS	102,262	95,096	110,069	103,186	113,755	104,292	108,231	108,372	102,562	108,729	106,750	115,223	1,276,517	1,408,620
INDIANA	46,575	48,575	48,575	55,246	55,246	55,246	48,310	48,310	48,310	51,309	51,309	51,309	618,320	551,544
IOWA	36,460	27,468	31,942	31,831	33,302	31,726	32,626	33,028	29,085	31,985	30,408	35,930	368,391	402,844
KANSAS	11,507	10,714	9,889	8,965	8,462	7,584	7,044	7,232	6,567	6,634	6,657	7,589	98,844	120,763
KENTUCKY	36,067	36,893	42,228	39,063	32,479	28,526	33,485	31,966	33,016	32,067	31,944	24,125	403,859	656,845
LOUISIANA	3,303	4,252	3,506	4,192	4,034	10,525	3,245	3,384	3,787	2,870	5,633	3,967	52,698	79,635
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS	35,340	33,868	39,969	35,466	39,824	26,921	33,209	34,545	29,916	31,286	31,766	30,602	402,714	499,565
MICHIGAN	10,456	14,706	13,731	13,384	14,909	14,340	14,504	14,369	12,766	15,340	13,809	18,175	170,499	171,929
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	13,088	157,056	134,832
MISSOURI 2/	19,720	20,230	23,387	20,465	22,971	24,628	21,939	24,133	22,174	22,734	23,763	24,938	271,082	258,073
NEBRASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	3,932	3,499	3,375	3,184	2,966	2,897	2,511	2,632	2,443	2,495	2,559	4,849	37,342	56,716
NEW HAMPSHIRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	7,871	20,560	15,242	14,475	13,669	11,921	12,699	12,134	12,134	13,563	16,175	20,834	171,297	147,656
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA	2,221	4,024	3,219	3,156	3,277	3,727	3,153	3,146	2,860	3,156	2,604	3,223	37,966	44,317
OHIO	73,350	68,756	74,637	78,338	80,773	79,020	77,120	78,684	77,742	77,451	82,625	60,413	929,379	981,874
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	5,093	5,187	6,489	6,153	6,124	5,277	6,643	8,131	7,569	8,861	8,030	8,897	82,454	102,393
SOUTH DAKOTA	4,102	4,236	5,066	4,535	4,038	5,308	5,160	5,258	4,475	4,311	4,218	4,917	56,324	55,320
TENNESSEE	34,016	46,652	50,299	57,613	45,207	34,912	24,440	23,474	22,310	9,998	11,361	13,109	373,301	580,227
TEXAS	41,607	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	216,607	341,662
UTAH	69	35	60	43	-	48	-	41	50	42	42	42	472	358
VERMONT	22,352	18,211	21,654	21,077	19,920	24,139	20,742	20,904	19,446	21,044	20,115	22,189	251,793	282,181
VIRGINIA	3,945	4,420	5,423	5,301	5,118	5,405	5,180	5,417	5,256	5,008	5,512	8,184	64,169	54,519
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA	3,773	3,256	4,313	2,436	3,217	3,646	3,615	6,326	2,075	5,291	3,974	5,698	47,620	20,175
WISCONSIN	7	5	6	6	5	5	301	358	381	427	622	545	2,668	62
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U.S. TOTAL	606,672	577,078	609,752	600,808	604,259	562,944	553,032	568,366	536,241	558,204	550,002	584,513	6,911,871	8,137,693

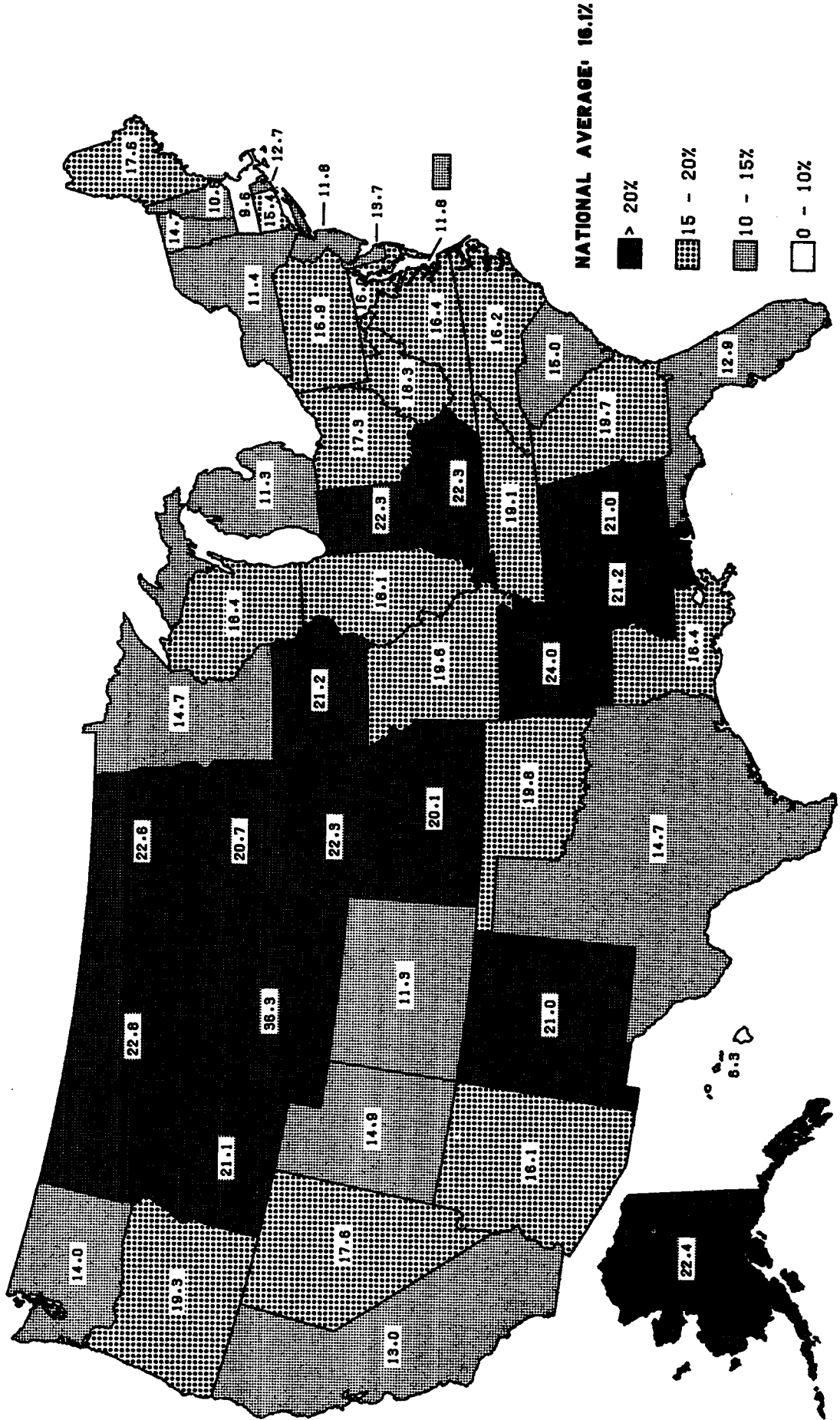
1/ THIS TABLE SHOWS GROSS GALLONS OF GASOHOL (ETHANOL BLENDS) REPORTED BY THE STATES. THE DATA ARE OBTAINED FROM STATE FUEL TAX REPORTS. IN STATES WHERE GASOHOL IS TAXED AT THE SAME RATE AS GASOLINE, SOME GASOHOL GALLONAGE MAY BE COMBINED WITH GASOLINE DATA.
2/ TOTAL GALLONAGE PROVIDED BY STATE AND DISTRIBUTED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

PERCENT CHANGE IN HIGHWAY USE OF GASOLINE

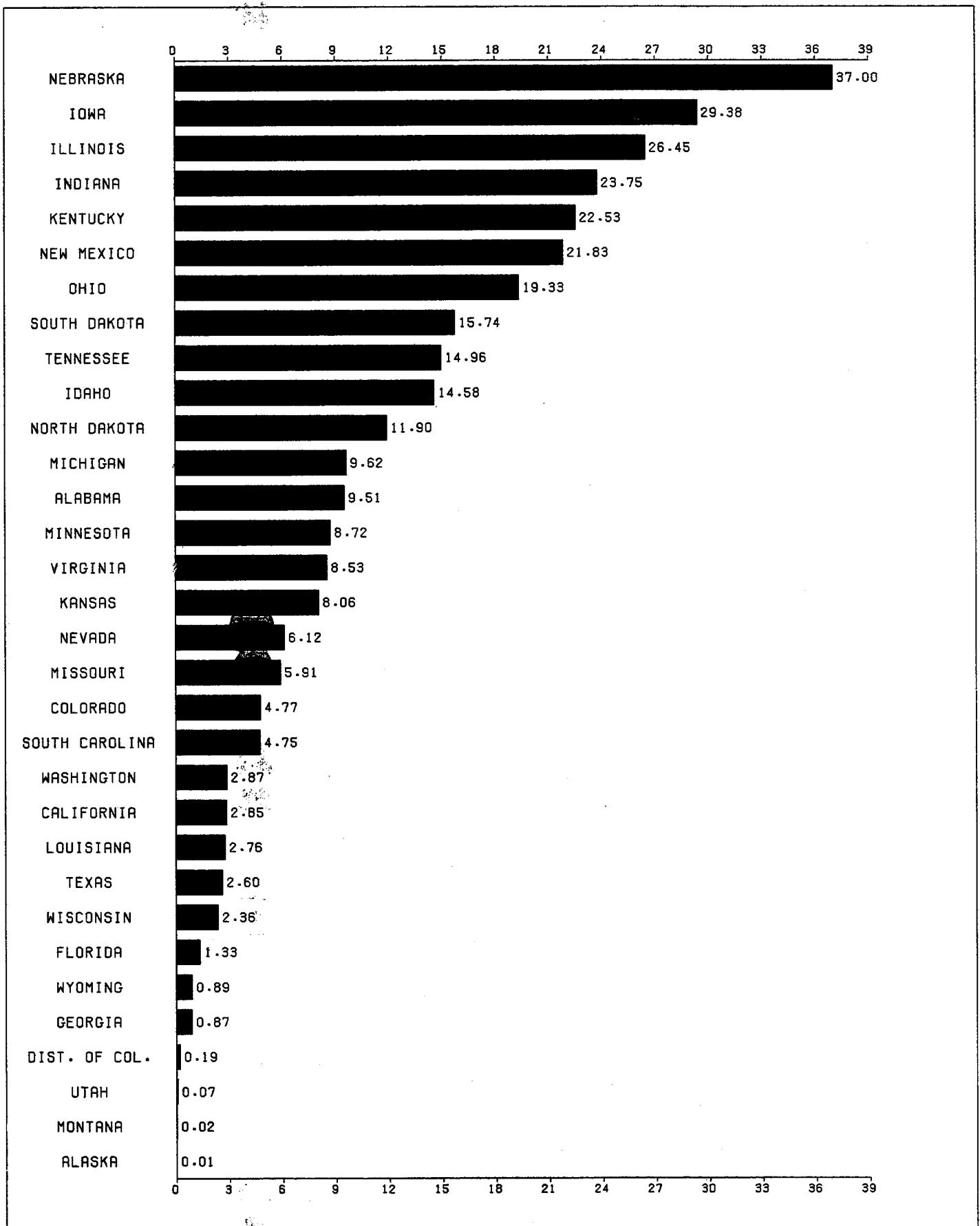
1988 - 1989



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



GASOLIN AS A PERCENT OF HIGHWAY USE GASOLINE - 1989



MOTOR VEHICLES

VEHICLE REGISTRATIONS

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

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

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

Motor-vehicle registrations are reported by major vehicle classes: automobiles, buses, trucks, and motorcycles. The truck category includes light trucks to the extent they can be identified and separated from automobiles. Data on trucks, buses, trailers, and semitrailers are given in tables MV-9, MV-10, and MV-11, respectively. Although the

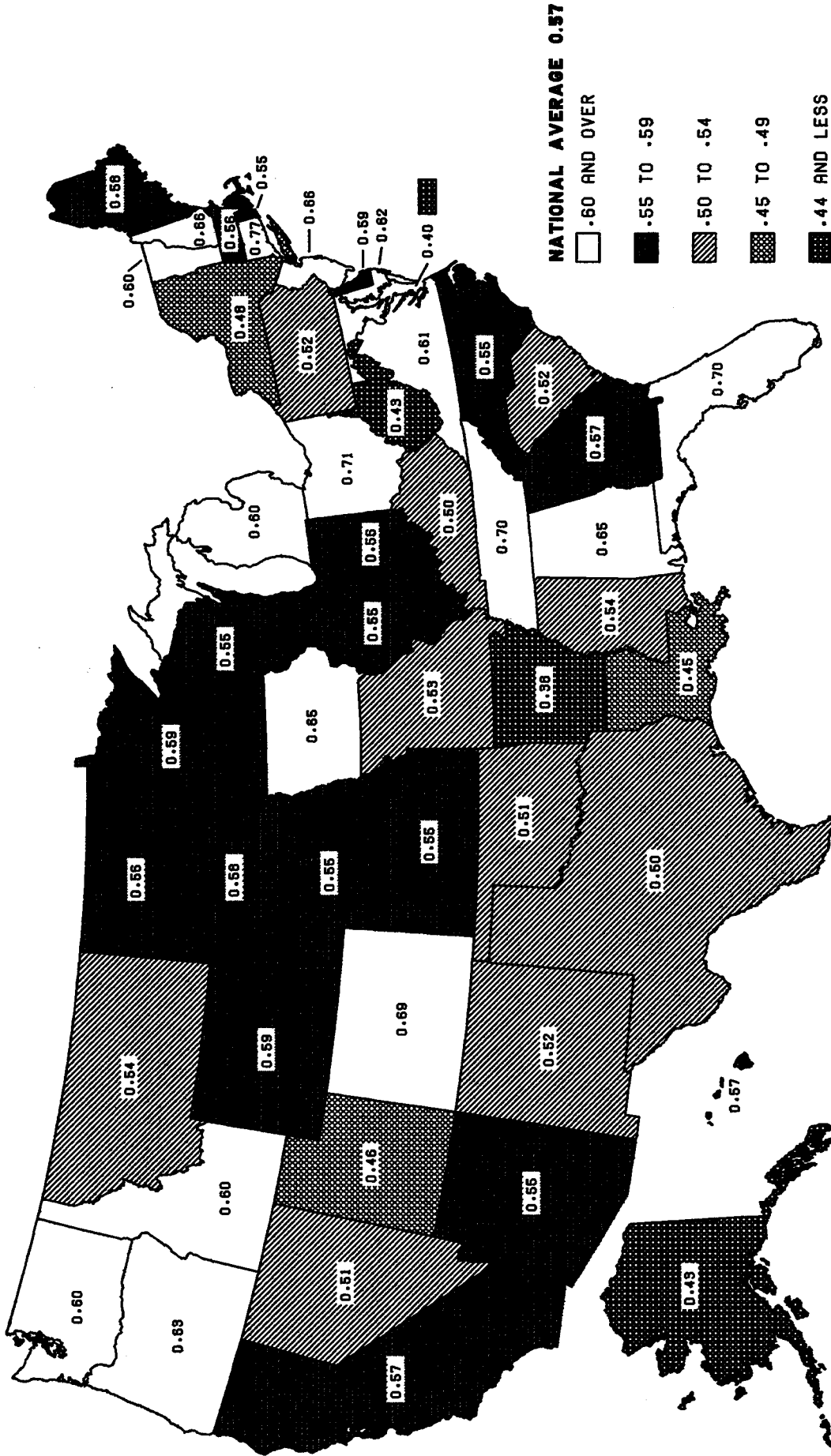
detail of motor-vehicle data has improved in recent years, it is not yet possible to obtain from all States separate data on single-unit trucks and combinations. Some States provide data for light trucks and truck tractors, but for many States, the FHWA estimates this information using other data sources,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

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

REGISTRATION TAXES AND FEES

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

PRIVATE AND COMMERCIAL AUTOMOBILES PER CAPITA - 1989



PUBLICLY OWNED VEHICLES - 1989

TABLE MV-7 SEPTEMBER 1989

Main data table with columns: STATE, FEDERAL 1/, MOTOR VEHICLES (AUTO-MOBILES, BUSES, TRUCKS AND TRUCK TRACTORS, TOTAL), TRAILERS AND SEMI-TRAILERS, MOTOR-CYCLES, STATE, COUNTY, AND MUNICIPAL 2/, MOTOR VEHICLES (AUTO-MOBILES, BUSES, TRUCKS AND TRUCK TRACTORS, TOTAL), TRAILERS AND SEMI-TRAILERS, MOTOR-CYCLES, ALL PUBLICLY OWNED VEHICLES (TOTAL MOTOR VEHICLES, TRAILERS, MOTOR-CYCLES, TOTAL MOTOR-CYCLES).

1/ VEHICLES OF THE CIVILIAN BRANCHES OF THE FEDERAL GOVERNMENT ARE GIVEN IN THIS TABLE. VEHICLES OF THE MILITARY SERVICES ARE NOT INCLUDED. DISTRIBUTION BY STATE IS ESTIMATED BY THE FEDERAL HIGHWAY ADMINISTRATION. REPORTS OF STATE AUTHORITIES. IS 2/ THIS INFORMATION, COMPILED CHIEFLY FROM STATE-OWNED VEHICLES ONLY. OTHERS EXCLUDE INCOMPLETE IN MANY CASES. SOME STATES GIVE STATE-OWNED VEHICLES DATA OR ESTIMATED. FROM REGISTRATION CERTAIN CLASSES, SUCH AS FIRE APPARATUS AND POLICE VEHICLES, FOR THE STATES NOT RECORDED BY STATE, COUNTY, AND MUNICIPAL VEHICLES SEPARATELY FROM PRIVATE AND

TRUCK AND TRUCK-TRACTOR REGISTRATIONS - 1989¹COMPILED FOR THE CALENDAR YEAR FROM REPORTS
OF STATE AUTHORITIES AND OTHER SOURCESTABLE MV-9
SEPTEMBER 1990

STATE	PRIVATE AND COMMERCIAL	FEDERAL	STATE. COUNTY. AND MUNICIPAL	TOTAL TRUCKS REGIS- TERED 1989	COMPARISON OF TOTAL TRUCK REGISTRATIONS, 1988-1989			PARTIAL CLASSIFICATION OF PRIVATE AND COMMERCIAL TRUCKS REGISTERED IN 1989 2/		
					TOTAL 1988 TRUCK REGIS- TRATIONS	INCREASE OR DECREASE 1989	PERCENT- AGE CHANGE	TRUCK TRACTORS 3/	LIGHT TRUCKS 3/	FARM TRUCKS 4/
ALABAMA	920,888	3,637	19,866	944,391	952,724	-8,333	-0.9	36,152	845,564	17,284
ALASKA	123,725	2,370	4,922	131,017	130,570	447	0.3	1,974	116,972	342
ARIZONA	797,787	6,835	7,998	812,620	773,133	39,487	5.1	11,502	764,239	-
ARKANSAS	493,755	2,035	7,953	503,743	576,982	-73,239	-12.7	13,099	475,382	15,081
CALIFORNIA	4,705,977	33,081	174,841	4,913,899	4,802,909	110,990	2.3	73,531	3,741,398	-
COLORADO	836,730	6,500	15,266	858,496	795,954	62,542	7.9	10,229	758,476	98,549
CONNECTICUT	128,760	3,236	18,097	150,093	153,030	-2,937	-1.9	3,425	119,208	4/
DELAWARE	114,360	572	2,278	117,210	112,858	4,352	3.9	6,516	99,911	3,352
DIST. OF COL.	8,774	2,799	2,352	13,925	14,082	-157	-1.1	103	7,340	-
FLORIDA	2,081,032	11,088	105,813	2,197,933	2,234,913	-36,980	-1.7	59,621	1,719,874	-
GEORGIA	1,498,394	5,405	36,293	1,540,092	1,487,407	52,685	3.5	54,227	1,373,622	5/
HAWAII	85,408	1,275	4,280	90,963	86,777	4,186	4.8	1,352	80,840	-
IDAHO	398,352	3,641	16,924	418,917	342,466	76,451	22.3	6,486	366,063	-
ILLINOIS	1,546,581	7,894	13,287	1,567,762	1,443,443	124,319	8.6	68,756	1,245,581	34,353
INDIANA	1,092,950	3,283	28,765	1,124,998	1,078,561	46,437	4.3	43,871	928,559	43,493
IOWA	704,885	2,432	21,616	728,933	741,968	-13,035	-1.8	33,523	562,630	24,150
KANSAS	575,681	2,343	14,099	592,123	682,923	-90,800	-13.3	18,574	472,749	70,866
KENTUCKY	906,586	3,234	42,340	952,160	923,606	28,554	3.1	17,073	817,799	102,105
LOUISIANA	952,614	3,572	13,784	969,970	947,584	22,386	2.4	24,011	886,215	64,778
MAINE	209,183	894	8,808	218,885	226,409	-7,524	-3.3	6,160	180,230	6,073
MARYLAND	595,424	5,079	13,999	614,502	599,396	15,106	2.5	16,737	538,528	10,035
MASSACHUSETTS	459,807	5,064	23,336	488,207	485,334	2,873	0.6	16,270	416,052	8,291
MICHIGAN	1,472,356	6,461	60,307	1,539,124	1,562,865	-23,741	-1.5	54,066	1,244,265	60,102
MINNESOTA	682,436	4,046	16,140	702,622	693,917	8,705	1.3	20,169	520,733	42,198
MISSISSIPPI	418,306	2,571	10,386	431,263	415,833	15,430	3.7	8,038	390,437	5/
MISSOURI	1,091,451	3,500	11,547	1,106,498	1,074,932	31,566	2.9	36,376	960,552	80,907
MONTANA	284,880	3,649	9,437	297,966	290,543	7,423	2.6	9,857	247,775	68,770
NEBRASKA	447,182	2,018	11,256	460,456	446,213	14,243	3.2	22,230	349,659	147,040
NEVADA	231,034	4,692	7,381	243,107	232,338	10,769	4.6	3,478	205,105	-
NEW HAMPSHIRE	184,259	803	9,563	194,625	192,945	1,680	0.9	4,658	167,666	4/ 1,804
NEW JERSEY	386,745	7,501	69,935	464,181	497,664	-33,483	-6.7	24,253	338,678	4/ 15,848
NEW MEXICO	468,425	4,955	12,115	485,495	474,729	10,766	2.3	3,825	437,778	4/ 15,232
NEW YORK	1,223,348	13,283	47,981	1,284,612	1,251,278	33,334	2.7	20,065	1,096,998	4/ 48,809
NORTH CAROLINA	1,380,478	3,919	47,858	1,432,255	1,391,956	40,299	2.9	56,914	1,220,589	96,700
NORTH DAKOTA	252,018	1,395	6,141	259,554	267,952	-8,398	-3.1	6,960	186,522	41,716
OHIO	1,659,393	6,570	48,030	1,713,993	1,574,578	139,415	8.9	74,381	1,452,956	34,988
OKLAHOMA	850,891	3,537	32,377	886,805	874,347	12,458	1.4	11,011	763,516	121,289
OREGON	556,112	6,566	15,238	577,916	556,547	21,369	3.8	15,212	471,698	16,500
PENNSYLVANIA	1,479,516	9,252	42,660	1,531,428	1,482,124	49,304	3.3	53,311	1,182,256	4/
RHODE ISLAND	108,036	806	4,515	113,357	113,964	-607	-0.5	3,087	94,860	4/
SOUTH CAROLINA	594,493	3,558	16,557	614,608	600,798	13,810	2.3	13,816	547,083	26,300
SOUTH DAKOTA	275,143	1,928	9,161	286,232	276,961	9,271	3.3	7,801	241,646	-
TENNESSEE	810,723	6,938	33,087	850,748	839,400	11,348	1.4	38,359	752,928	34,014
TEXAS	3,754,010	16,822	172,042	3,942,874	3,890,394	52,480	1.3	122,371	3,539,528	175,923
UTAH	365,821	3,232	8,548	377,602	371,338	6,264	1.7	9,438	340,642	6,000
VERMONT	114,705	348	3,739	118,792	116,996	1,796	1.5	2,096	105,307	3,264
VIRGINIA	1,074,481	6,411	25,546	1,106,438	1,028,983	77,455	7.5	29,352	960,853	20,843
WASHINGTON	1,172,264	9,122	24,725	1,206,111	1,126,375	79,736	7.1	26,618	1,059,688	27,008
WEST VIRGINIA	350,700	1,450	35,582	387,732	376,374	11,358	3.0	5,124	328,356	2,518
WISCONSIN	753,769	3,455	32,240	789,464	719,563	69,901	9.7	22,929	653,779	136,714
WYOMING	190,379	2,118	4,870	197,367	194,432	2,935	1.5	8,179	151,166	-
TOTAL	41,871,007	257,175	1,425,882	43,554,064	42,529,368	1,024,696	2.4	1,237,166	36,530,231	1,723,239

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

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

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

4/ EXCEPT FOR GEORGIA AND MISSISSIPPI (FOOTNOTE 5), FARM REGISTRATIONS ARE SHOWN FOR ALL STATES THAT HAVE A SPECIAL "FARM" CLASSIFICATION. THE NUMBERS OF VEHICLES SHOWN DO NOT NECESSARILY REPRESENT THE TOTAL NUMBER OF REGISTERED VEHICLES USED ON THE FARM. THE FOLLOWING FARM TRUCKS, REGISTERED AT A NOMINAL FEE AND RESTRICTED TO USE IN THE VICINITY OF THE OWNER'S FARM, ARE NOT INCLUDED IN THIS TABLE: CONNECTICUT, 7,646; NEW HAMPSHIRE, 3,068; NEW JERSEY, 5,768; NEW YORK, 25,386; PENNSYLVANIA, 22,279; AND RHODE ISLAND, 925.

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

BUS REGISTRATIONS - 1989

TABLE MV-10
SEPTEMBER 1990

STATE	PRIVATE AND COMMERCIAL 1/			PUBLICLY OWNED			TOTAL BUSES		
	COMMERCIAL BUSES	SCHOOL AND OTHER 2/	TOTAL	FEDERAL	STATE, COUNTY, AND MUNICIPAL (SCHOOL) 3/	TOTAL	TOTAL SCHOOL AND OTHER 2/	TOTAL COMMERCIAL AND FEDERAL	GRAND TOTAL
ALABAMA	1,932	180	2,112	35	6,223	6,258	6,403	1,967	8,370
ALASKA	1,253	539	1,792	67	259	326	798	1,320	2,118
ARIZONA	1,164	215	1,379	337	2,593	2,930	2,808	1,501	4,309
ARKANSAS	42	1,106	1,148	26	4,088	4,114	5,194	66	5,262
CALIFORNIA	14,859	9,176	24,035	417	14,402	14,819	23,578	15,276	38,854
COLORADO	613	842	1,455	38	4,022	4,060	4,864	651	5,515
CONNECTICUT	2,593	5,498	8,091	11	710	721	6,208	2,604	8,812
DELAWARE	332	1,278	1,610	5	100	105	1,378	337	1,715
DIST. OF COL.	2,292	146	2,438	245	98	343	244	2,537	2,781
FLORIDA	3,736	1,142	4,878	185	31,184	31,369	32,326	3,921	36,247
GEORGIA	1,146	2,184	3,330	94	15,272	15,366	17,456	1,240	18,696
HAWAII	2,646	691	3,337	25	864	889	1,555	2,671	4,226
IDAHO	849	399	1,248	133	2,251	2,384	2,650	982	3,632
ILLINOIS	5,181	10,148	15,329	76	2,275	2,351	12,423	5,257	17,680
INDIANA	4,156	5,195	9,351	49	11,824	11,873	17,019	4,205	21,224
IOWA	1,099	271	1,370	12	7,680	7,692	7,951	1,111	9,062
KANSAS	381	1,177	1,558	11	2,191	2,202	3,368	392	3,760
KENTUCKY	1,147	728	1,875	141	7,800	7,941	8,528	1,288	9,816
LOUISIANA	838	14,101	14,939	22	4,605	4,627	18,706	860	19,566
MAINE	176	441	617	11	2,207	2,218	2,648	187	2,835
MARYLAND	2,618	4,008	6,626	135	4,252	4,387	8,260	2,753	11,013
MASSACHUSETTS	3,478	7,144	10,622	74	348	422	7,492	3,552	11,044
MICHIGAN	2,484	6,481	8,965	69	13,672	13,741	20,153	2,553	22,706
MINNESOTA	2,237	3,835	6,072	7	7,136	7,143	10,971	2,244	13,215
MISSISSIPPI	805	2,340	3,145	70	5,467	5,537	7,807	875	8,682
MISSOURI	1,076	2,976	4,052	32	7,492	7,524	10,468	1,108	11,576
MONTANA	405	677	1,082	17	868	885	1,545	422	1,967
NEBRASKA	530	579	1,109	9	3,810	3,819	4,389	539	4,928
NEVADA	1,342	161	1,503	126	115	241	276	1,468	1,744
NEW HAMPSHIRE	349	1,004	1,353	2	315	317	1,319	351	1,670
NEW JERSEY	5,291	9,442	14,733	51	3,000	3,051	12,442	5,342	17,784
NEW MEXICO	554	2,025	2,579	275	573	848	2,598	829	3,427
NEW YORK	12,449	6,855	19,304	197	10,592	10,789	17,447	12,646	30,093
NORTH CAROLINA	1,992	7,072	9,064	49	25,342	25,391	32,414	2,041	34,455
NORTH DAKOTA	102	448	550	59	1,574	1,633	2,022	161	2,183
OHIO	7,809	2,967	10,776	75	22,169	22,244	25,136	7,884	33,020
OKLAHOMA	348	1,467	1,815	122	11,021	11,143	12,488	470	12,958
OREGON	1,508	2,167	3,675	62	6,524	6,586	8,691	1,570	10,261
PENNSYLVANIA	8,318	15,911	24,229	110	6,479	6,589	22,390	8,428	30,818
RHODE ISLAND	290	1,253	1,543	5	6	11	1,259	295	1,554
SOUTH CAROLINA	862	3,728	4,590	29	9,234	9,263	12,962	891	13,853
SOUTH DAKOTA	294	395	689	106	1,254	1,360	1,649	400	2,049
TENNESSEE	1,742	1,392	3,134	71	9,986	10,057	11,378	1,813	13,191
TEXAS	3,057	12,366	15,423	224	44,764	44,988	57,130	3,281	60,411
UTAH	325	76	401	34	722	756	798	359	1,157
VERMONT	93	547	640	4	791	795	1,338	97	1,435
VIRGINIA	2,228	243	2,471	218	14,408	14,626	14,651	2,446	17,097
WASHINGTON	763	2,022	2,785	176	4,620	4,796	6,642	939	7,581
WEST VIRGINIA	900	65	965	40	2,818	2,858	2,883	940	3,823
WISCONSIN	1,504	6,814	8,318	21	4,145	4,166	10,959	1,525	12,484
WYOMING	806	128	934	9	1,438	1,447	1,566	815	2,381
TOTAL	112,994	162,045	275,039	4,418	345,583	350,001	507,628	117,412	625,040

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

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

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

TRAILER AND SEMITRAILER REGISTRATIONS - 1989¹

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

TABLE MV-11
SEPTEMBER 1990

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

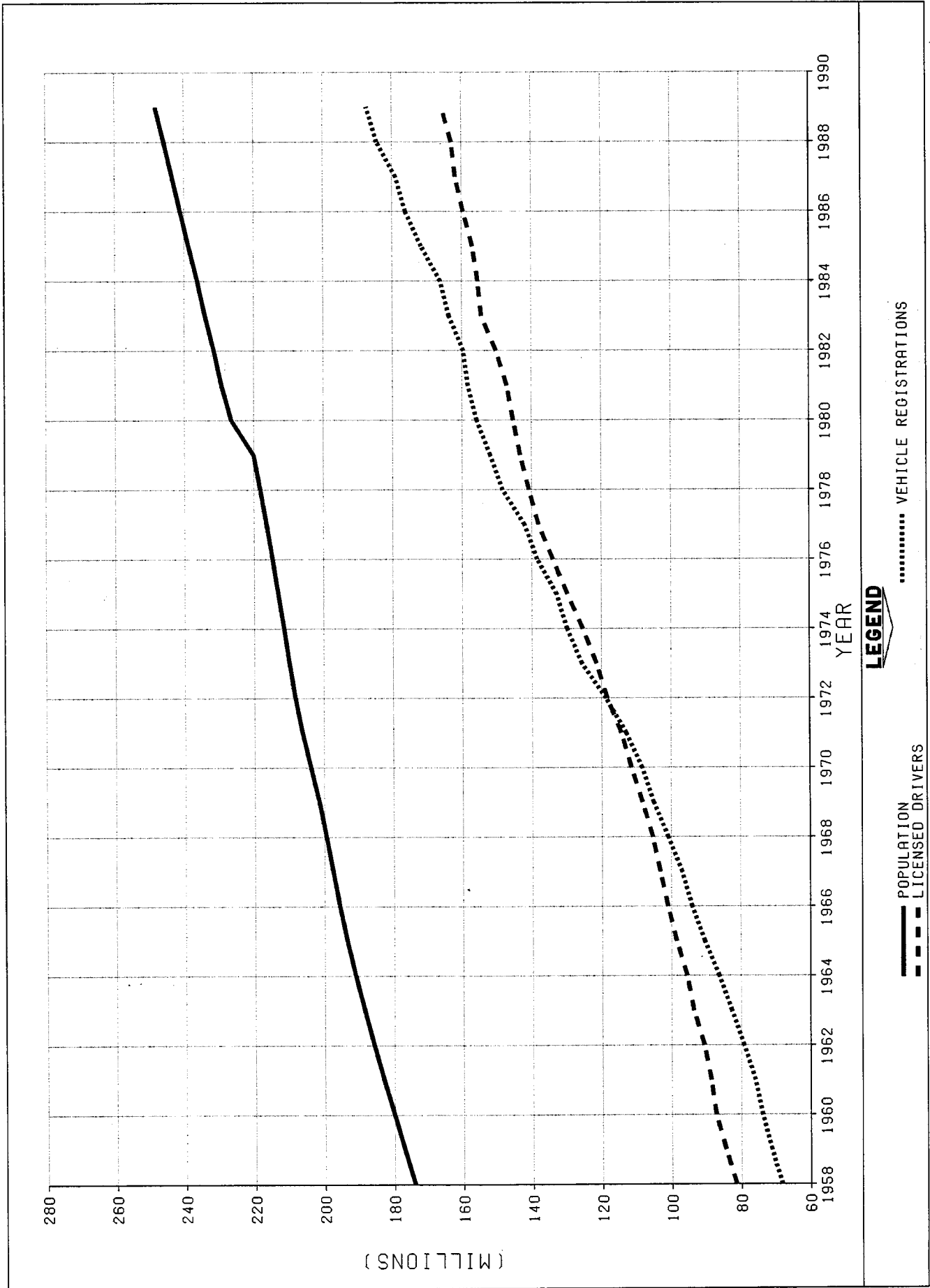
1/ THE COMPLETENESS OF DATA ON TRAILER REGISTRATIONS VARIES GREATLY. DATA ARE REPORTED TO THE EXTENT AVAILABLE AND IN SOME CASES ARE SUPPLEMENTED BY ESTIMATES OF THE FEDERAL HIGHWAY ADMINISTRATION.

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

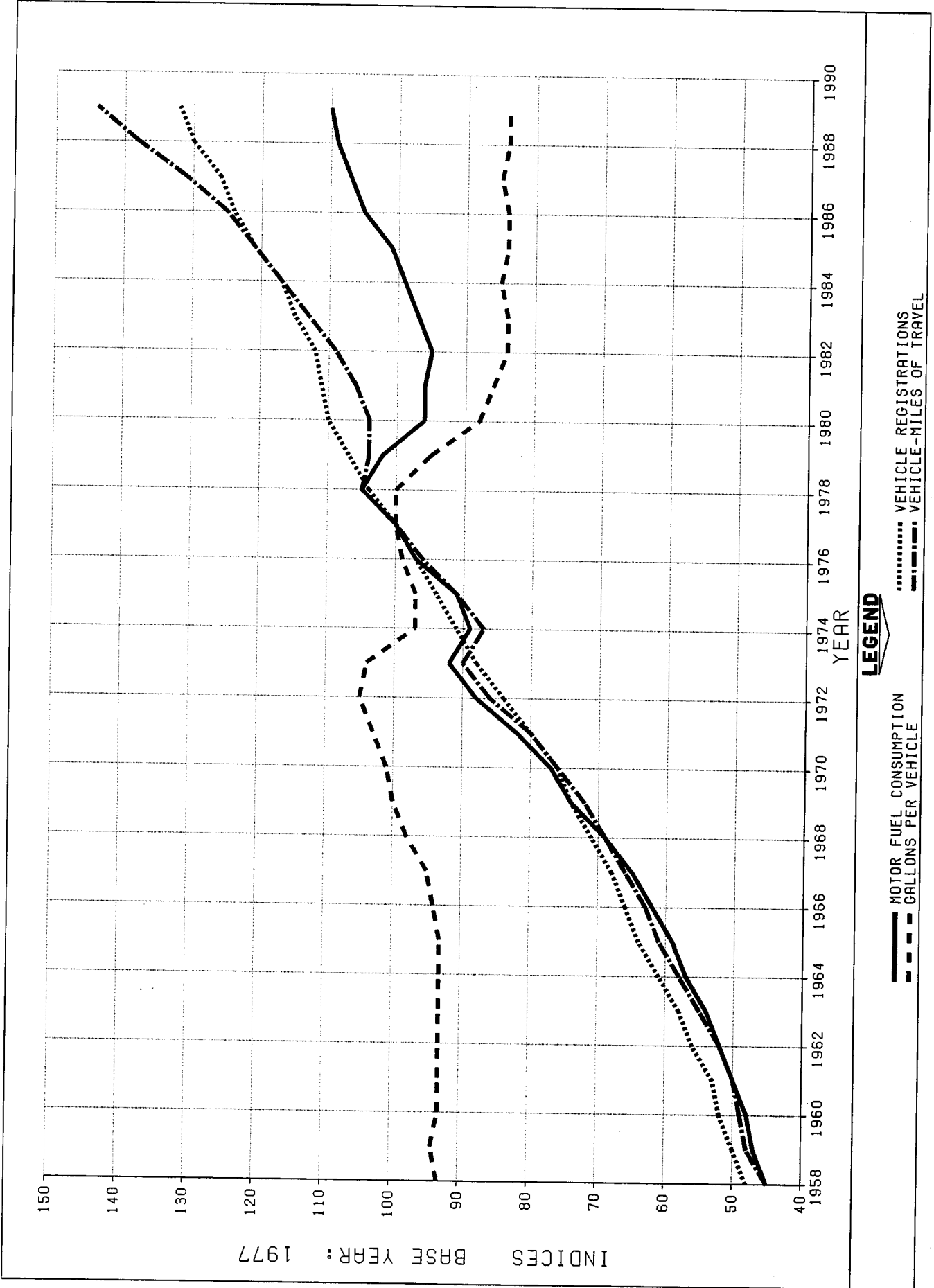
3/ SEVERAL STATES DO NOT REQUIRE THE REGISTRATION OF LIGHT FARM OR AUTOMOBILE TRAILERS.

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

LICENSED DRIVERS, VEHICLE REGISTRATIONS,
AND RESIDENT POPULATION



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



DRIVER LICENSING

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

LICENSES ISSUED AND IN FORCE

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

MALE-FEMALE DRIVER RATIOS

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

U.S. licensed drivers, by sex and age group, is shown in table DL-20.

LICENSED DRIVERS AND POPULATION

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

MOTOR-VEHICLE DRIVER LICENSES - 1989

TABLE DL-1
SHEET 1 OF 5
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/ }	NUMBER ISSUED	DRIVER LICENSES			AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (EXCEPT *MOTORCYCLE ONLY*) 3/
	NUMBER ISSUED	AMOUNT OF FEE	LENGTH OF TERM			RENEWAL DATE	NEW AND RENEWAL	DUPLICATE			
									CLASS OR TYPE OF LICENSE 2/ }	NUMBER ISSUED	
ALABAMA	62,268	\$15.00	4 YEARS 4 YEARS 4 YEARS	OPERATOR MOTORCYCLE MOTOR DRIVEN CYCLE	709,619	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	5/ 15.00 15.00	4/ \$5.00 4/ \$5.00	2,843,687	
ALASKA	9,959	3.00	5 YEARS 5 YEARS 5 YEARS 1 YEAR	OPERATOR MOTORCYCLE MOTOR SCOOTER SCHOOL BUS PERMIT	31,783 1,061 536		BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE	10.00 10.00 10.00 3.00	3.00 3.00 3.00 3.00	300,000 (10,000) 300,000	
ARIZONA	54,470	25.00 25.00 12.50 7.00	4 YEARS 4 YEARS 4 YEARS 4 YEARS	CLASS A (SEMI COMBINATIONS) CLASS B (SEMI COMBINATIONS) CLASS C (LIGHT TRUCK) CLASS D (OPERATOR) CLASS H (MOTORCYCLE)	574,706		BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	50.00 & 15.00 60.00 & 15.00 25.00 & 15.00 2/ 7.00	4.00 4.00 4.00 4.00	2,371,688	
ARKANSAS	3,418	NO FEE	4 YEARS 4 YEARS 4 YEARS 4 YEARS	CLASS A (SEMI) CLASS B (SEMI) CLASS C (LIGHT TRUCK) CLASS D (OPERATOR)	645,280		BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	62.25 62.25 62.25 14.25	5.00 5.00 5.00 5.00	1,710,953	
CALIFORNIA	N.R.	(8/)	4 YEARS 4 YEARS 4 YEARS	CLASS 1 (ANY VEHICLE EXCEPT CLASS 4) CLASS 2 (BUS, TRUCK) CLASS 3 (AUTOMOBILE) CLASS 4 (MOTORCYCLE, HOPED)	5,598,299		BIRTHDAY BIRTHDAY BIRTHDAY	10.00 10.00 10.00	10.00 10.00 10.00	19,569,795	
COLORADO	69,815	8/ 15.00	8/ 4 YEARS 4 YEARS 4 YEARS 4 YEARS	CLASS A (SEMI COMBINATIONS) CLASS B (SINGLE UNIT 3-RALE TRUCKS) CLASS C (AUTOMOBILE, LIGHT TRUCK) CLASS S (BUS) CLASS H (ENDORSEMENT) (MOTORCYCLE)	34,873 5,046 622,832 15,604 8,877		BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	15.00 15.00 15.00 4/ 6.50	4/ 5.00 4/ 5.00 4/ 5.00	103,892 16,293 1,917,241 46,973 31,562 2,116,926	
CONNECTICUT	10/	10/ 3.25	4 YEARS 4 YEARS 4 YEARS 1 YEAR	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.		BIRTHDAY BIRTHDAY BIRTHDAY JUNE 30	5/ 11/ 31.00 5/ 11/ 31.00 5/ 11/ 31.00	5.00 5.00 5.00 5.00	2,373,817	
DELAWARE	32,351	8/ 10.00	12/ 4 YEARS 4 YEARS LIFETIME	CLASS A (AUTOMOBILE) CLASS B (BUS, TRUCK) CLASS C (ANY VEHICLE EXCEPT MOTORCYCLE) MOTORCYCLE ENDORSEMENT TAXICAB ENDORSEMENT	92,897 6,718 10,146 270		BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	12/ 10.00 12/ 10.00 12/ 5.00 3.00	5.00 5.00 5.00 -	480,622	
DIST. OF COL.	32,893	7.00	4 YEARS 4 YEARS 1 YEAR	OPERATOR MOTORCYCLE MOTORCYCLE ENDORSEMENT SCHOOL BUS	79,959		ISSUANCE ISSUANCE ISSUANCE	15.00 15.00 NO FEE	5.00 5.00 -	394,344	
FLORIDA	N.R.	8/ 19.00	2/ 4 YEARS 4 YEARS	OPERATOR CHAUFFEUR	1,572,435 228,735		BIRTHDAY BIRTHDAY	7/ 15.00 7/ 15.00	5.00 5.00	1/ 9,006,249	
GEORGIA	158,281	1.00	4 YEARS 4 YEARS 4 YEARS 4 YEARS	CLASS C (NON-COMMERCIAL AUTO, LIGHT TRUCK) CLASS M (MOTORCYCLE) CLASS B (HEAVY TRUCK AND CLASSES C) CLASS A (HEAVY TRUCK AND CLASSES B & C) VETERANS (ALL CLASSES)	1,262,503 57,279 20,339 38,650 170,726		BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	4.00 4.00 8.00 NO FEE	- - - -	4,048,174 (162,486) 52,913 176,479 4,317,566	
HAWAII	89,013	13/ 3.00	13/ 2 & 4 YEARS	OPERATOR - TYPE 1 (SCOOTER) TYPE 2 (MOTORCYCLE) TYPE 3 (AUTOMOBILE, LIGHT BUS & TRUCK) TYPE 4 (BUS) TYPE 5 (TRUCK) TYPE 6 (TRACTOR/SEMI-TRAILER) TYPE 7 (TRUCK/TRAILER) TYPE 8 (TYPES 4 AND 5) TYPE 9 (TYPES 4 AND 6) TYPE 10 (TYPES 4 AND 7) SCHOOL BUS	319,086		BIRTHDAY	13/ 5.50 & 8.50	13/ 3.00	657,156	

MOTOR-VEHICLE DRIVER LICENSES - 1989

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

TABLE OI-1
SHEET 2 OF 5
SEPTEMBER 1990

STATE	LEARNER PERMITS		CLASS OR TYPE OF LICENSE 2/	NUMBER ISSUED	DRIVER LICENSES		AMOUNT OF FEE		ESTIMATED TOTAL LICENSES (EXCEPT MOTORCYCLE ONLY) 3/	
	NUMBER ISSUED	AMOUNT OF FEE			LENGTH OF TERM	RENEWAL DATE	NEW AND RENEWAL			
							NEW AND RENEWAL	DUPLICATE		
IDAHO	8/ 16,594	4.00	OPERATOR CHAUFFEUR	289,382 25,805		3 YEARS	BIRTHDAY BIRTHDAY	13.50 15.50	3.00 3.00	706,472
ILLINOIS*	162,035	B/ 20.00	CLASS A (AUTOMOBILE) CLASS B (LIGHT BUS, TRUCK) CLASS C (HEAVY VEHICLE EXCEPT CLASSES L AND M) CLASS L (HOPED) CLASS M (MOTORCYCLE) CLASS N (ENDORSEMENT) CLASS L (ENDORSEMENT) CLASS H (ENDORSEMENT)	1,545,364 56,484 76,700 51,859 54 7,323 124,654		14/ 3 4 4 YEARS 14/ 3 4 4 YEARS 14/ 3 4 4 YEARS 14/ 3 4 4 YEARS 14/ 3 4 4 YEARS 14/ 3 4 4 YEARS	BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/ BIRTHDAY 14/	15/ 8.00 4, 10.00 15/ 8.00 4, 10.00 15/ 8.00 4, 10.00 15/ 8.00 4, 10.00 15/ 8.00 4, 10.00 15/ 8.00 4, 10.00 NO FEE	5.00 5.00 5.00 5.00 5.00 5.00	7,205,156
INDIANA	130,808	B/ 2.00	OPERATOR CHAUFFEUR PUBLIC PASSENGER CHAUFFEUR MOTORCYCLE MOTORCYCLE ENDORSEMENT	900,457 72,926 17,343 1,902		15/ 4 YEARS 2 YEARS 4 YEARS 2 4 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH -	15/ 8.00 4.00 4.00 6.00 3.00	3.00 3.00 3.00	3,898,090
IOWA*	45,385 2,585	5.00 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 HOPED HOPED	214,253 19,284 3,850 49 6,920		16/ 2 4 4 YEARS 16/ 2 4 4 YEARS 18TH BIRTHDAY 18TH BIRTHDAY 2 YEARS	BIRTHDAY BIRTHDAY -	16/ 8.00 4, 16.00 16/ 15.00 4, 30.00 10.00 10.00 10.00	2.00 2.00 2.00	1,702,940 216,689 (100) (24) (1,921,629)
KANSAS*	22,589	2.00	CLASS A (TRUCK TRACTOR/COMBINATION) CLASS B (TRUCK, BUS) CLASS C (SMALL BUS, CARGO FOR-HIRE) CLASS D (MOTORCYCLE, LIGHT TRUCK) CLASS D (MOTORCYCLE) CLASS D ENDORSEMENT	27,229 10,077 500,947 75,189		4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 12.00 5/ 12.00 5/ 8.00 5/ 17.00	5.00 5.00 5.00	79,484 21,269 1,388,382 (226,289) 1,783,786
KENTUCKY	136,644	2.00	OPERATOR HOPED MOTORCYCLE MOTORCYCLE ENDORSEMENT	887,391 41,947 1,588 22,878		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	2,392,052
LOUISIANA*	N.A.	12.50	CLASS A (AUTOMOBILE) CLASS B (SMALL BUS) CLASS C (CARGO FOR-HIRE) CLASS D (ANY VEHICLE EXCEPT MOTORCYCLE) MOTORCYCLE MOTORCYCLE ENDORSEMENT	631,156 81,007		17/ 5 YEARS 17/ 5 YEARS 17/ 5 YEARS 17/ 5 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	17/ 12.50 17/ 27.50 17/ 12.50 17/ 8.00	5.00 5.00 5.00	2,573,954
MAINE*	N.A.	16/ 25.00 17/ 10.00 18/ 10.00	CLASS 1 (ANY VEHICLE EXCEPT SCHOOL BUS AND MOTORCYCLE) CLASS 2 (AUTOMOBILE, LIGHT TRUCK) MOTORCYCLE ENDORSEMENT SCHOOL BUS ENDORSEMENT	187,328		4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY	13/ 18.00 13/ 18.00 13/ 18.00	4.00 4.00	38,020 33,488 615,384
MARYLAND*	111,728	B/ 22.00	CLASS A (ANY VEHICLE EXCEPT MOTORCYCLE AND HOPED) CLASS B (HEAVY TRUCK) CLASS C (BUS) CLASS D (AUTOMOBILE, LIGHT TRUCK) CLASS E (MOTORCYCLE, LIGHT TRUCK) CLASSES E (ENDORSEMENT) HOPED	901,615		4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7/ 6.00 7/ 6.00 7/ 6.00 7/ 6.00 7/ 6.00	6.00 6.00 6.00 6.00	3,097,915
MASSACHUSETTS*	194,635	15.00	CLASS 1 (ANY VEHICLE EXCEPT SCHOOL BUS) CLASS 2 (TRUCK) CLASS 3 (AUTOMOBILE, LIGHT TRUCK) MOTORCYCLE ENDORSEMENT	1,621,832		4 YEARS 4 YEARS 1 YEAR	BIRTHDAY BIRTHDAY ISSUANCE	5/ 35.00 5/ 30.00 5/ 25.00 5/ 25.00	5.00 5.00 5.00	4,257,842
MICHIGAN*	68,555	B/ 12.00	UNCLASSIFIED: OPERATOR (AUTOMOBILE, LIGHT TRUCK) CHAUFFEUR (FOR-HIRE) CLASS 1 (AUTOMOBILE) CLASS 2 (ENDORSEMENT) (HEAVY TRUCK) CLASS 2 (ENDORSEMENT) (TRUCK/TRACTOR COMBINATION) CLASS 3 (ENDORSEMENT) (BUS OR SCHOOL BUS) MOTORCYCLE (ENDORSEMENT)	1,909,772 173,939 93,803		2/ 20/ 4 YEARS 2/ 20/ 4 YEARS 16TH BIRTHDAY 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	7/ 12.00 7/ 20.00 7/ 2.50 7/ 2.50 7/ 3.00	4.00 4.00	6,422,031
MINNESOTA*	91,097	21/ 5.00	CLASS A (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS B (BUS, TRUCK) CLASS C (AUTOMOBILE, LIGHT TRUCK) CLASS A & B PROVISIONAL (BUS, TRUCK) CLASS C PROVISIONAL (AUTOMOBILE) SCHOOL BUS ENDORSEMENT MOTORCYCLE ENDORSEMENT CLASS H (HOPED) (INCLUDES PROVISIONAL)	54,351 685,408 56,366 N.A. 79,778 101		4 YEARS 4 YEARS 4 YEARS 19TH BIRTHDAY 19TH BIRTHDAY 1 YEAR 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	21/ 29.00 21/ 21.00 21/ 14.00 21/ 14.00 21/ 2.50 7/ 6.00	4.50 4.50 4.50 4.50 4.50	2,429,261

MOTOR-VEHICLE DRIVER LICENSES - 1989

TABLE DL-1
SHEET 3 OF 5
SEPTEMBER 1990

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

STATE Z/	LEARNER PERMITS		CLASS OR TYPE OF LICENSE Z/ ENDORSEMENT	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (EXCEPT MOTORCYCLE ONLY ¹)
	NUMBER ISSUED	AMOUNT OF FEE					REG AND RENEWAL	DUPLICATE	
MISSISSIPPI	85-058	1-00	OPERATOR MOTORCYCLE MOTORCYCLE ENDORSEMENT	348-366 39,791 8,037	4 YEARS 4 YEARS 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH	13-00 5-00 2/ 1-00	1,841,840	
MISSOURI	B/ 107,470	1-00	OPERATOR CHAUFFEUR MOTORCYCLE	1-148,780 151,684 108	3 YEARS 3 YEARS 3 YEARS	ISSUANCE ISSUANCE ISSUANCE	7-50 15-00 7-50	3,536,684	
MONTANA	N.A.	B/ 12-00 6-00 2-00	BASIC TYPE 1 INTERSTATE TYPE 2 INTRASTATE MOTORCYCLE	135,483	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	12-00 25/ 12-00 25/ 6-00 2-00	597,638	
NEBRASKA	25-977	3-00	CLASS A (AUTOMOBILE, LIGHT TRUCK) CLASS B (OR ENDORSEMENT) (MOTORCYCLE) CLASS C (COMMERCIAL TRUCK OR COMBINATION) SCHOOL CEMENT TRUCK PERMIT FARM HUSBANDRY PERMIT SCHOOL BUS OPERATOR EMPLOYMENT DRIVING PERMIT	288,127 11,899 3,561 141 3,690 561	22/ 4 YEARS 22/ 4 YEARS 22/ 4 YEARS 6 MOS. OR 1 YEAR REVOCATION PERIOD	BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE ISSUANCE ISSUANCE	22/ 10-00 22/ 10-00 22/ 10-00 NO FEE 40-00	1,064,798	
NEVADA	27,333	B/ 15/ 9-00	CLASS 1 (ANY VEHICLE EXCEPT CLASSES 4 AND 6) CLASS 2 (BUS) CLASS 3 (MOTORCYCLE, LIGHT TRUCK) CLASS 4 (MOTORCYCLE) CLASS 5 (MOTORCYCLE) CLASS 6 (HOPED) MOTORCYCLE ENDORSEMENT	5,049 965 227,148 6	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	15/ 10-00 15/ 10-00 15/ 10-00 15/ 6-00	794,067	
NEW HAMPSHIRE	(10/1)	NO FEE	OPERATOR (AUTOMOBILE) COMMERCIAL OPERATOR, LIGHT (TRUCK) HEAVY (TRUCK) TRACTOR-TRAILER MOTORCYCLE HOPED	275,588	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	20-00 20-00 20-00 8-00	809,389	
NEW JERSEY	471,371	5-00 15-00 5-00 25-00 5-00	BASIC DRIVER (AUTOMOBILE, LIGHT TRUCK) ARTICULATED VEHICLE ENDORSEMENT (COMMERCIAL VEHICLE COMBINATION) BUS ENDORSEMENT MOTORCYCLE MOTORCYCLE AGRICULTURAL	1,207,630	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS	ISSUANCE ISSUANCE ISSUANCE ISSUANCE ISSUANCE	17-50 8-00 8-00 9-50 1-00	6,615,102	
NEW MEXICO	28,608	B/ 2-00	OPERATOR CHAUFFEUR MOTORCYCLE LIMITED	318,874	3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS	30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY 30 DAYS AFTER BIRTHDAY	9/ 10-00 9/ 10-00 48-00	1,062,808	
NEW YORK	913,500	B/ 9-00	CLASS 1 (ANY VEHICLE EXCEPT MOTORCYCLE AND BUS) CLASS 2 (BUS) CLASS 3 (TRACTOR/TRUCK) CLASS 4 (TAXICAB) CLASS 5 (MOTORCYCLE, LIGHT TRUCK) CLASS 6 (JUNIOR AUTOMOBILE, LIGHT TRUCK) CLASS 7 (MOTORCYCLE) CLASS 8 (JUNIOR) (MOTORCYCLE) UNCLASSIFIED CONDITIONAL	2,624,889	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS REVOCATION PERIOD	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	32-00 32-00 32-00 32-00 18-00 16-00 50-00 50-00	10,177,995	
NORTH CAROLINA	108,976	5-00	CLASS A (ANY VEHICLE OR COMBINATION EXCEPT MOTORCYCLE) CLASS B (HEAVY COMMERCIAL TRUCK OR BUS) CLASS C (AUTOMOBILE, PRIVATE LIGHT TRUCK OR BUS) MOTORCYCLE ENDORSEMENT	46,745 23,467 1,094,952	4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY	15-00 10-00 5-00	4,484,107	
NORTH DAKOTA	11,479	B/ 10-00	CLASS A (ANY VEHICLE EXCEPT CLASS M) CLASS B (TRUCK/COMBINATION) CLASS C (COMMERCIAL TRUCK OR BUS) CLASS D (ENDORSEMENT) CLASS M (ENDORSEMENT) (MOTORCYCLE)	103,753	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	5/ 10-00 5/ 10-00 NO FEE NO FEE	425,202	
OHIO	286,198	3-00	OPERATOR CHAUFFEUR RESTRICTED MOTORCYCLE ENDORSEMENT HOPED	1,529,594 153,627 2,263 11,840	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	2/ 6-00 2/ 5-00 2/ 5-00 2/ 4-00	7,369,821	

MOTOR-VEHICLE DRIVER LICENSES - 1989

TABLE DL-1
SHEET 4 OF 6
SEPTEMBER 1990

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

STATE 2/	LEARNER PERMITS			DRIVER LICENSES				AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (EXCEPT *MOTORCYCLE ONLY) 3/
	NUMBER ISSUED	AMOUNT OF FEE	CLASS OR TYPE OF LICENSE 2/ 3/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE			
							NEW AND RENEWAL	DUPLICATE		
OKLAHOMA	105,344	8/ 18.00	OPERATOR COMMERCIAL CHAUFFEUR MOTORCYCLE	454,098 12,027 69,811	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	2,292,867	
OREGON*	48,437	13.00	CLASS 1 (ANY VEHICLE EXCEPT MOTORCYCLE) CLASS 2 (BUS) CLASS 3 (3-WAXLE VEHICLE) CLASS 4 (2-WAXLE VEHICLE) CLASS 5 (POWERED MOTORCYCLE ENDORSEMENT) SPECIAL PERMIT	14,017 2,654 21,257 512,608 1,329 4,154	4 YEARS 4 YEARS 4 YEARS 4 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY -	7/ 15.00 7/ 15.00 7/ 15.00 7/ 15.00 7/ 11.00	10.00 10.00 10.00 10.00	2,189,654	
PENNSYLVANIA*	356,591	5.00	CLASS 1 (AUTOMOBILE) CLASS 2 (TRUCK/TRACTOR COMBINATION) CLASS 3 (SCHOOL BUS) CLASS 4 (MOTORCYCLE) CLASS 5 (MOTOR-DRIVEN CYCLE, MOPED)	2,016,084	3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS	BIRTH MONTH BIRTH MONTH BIRTH MONTH BIRTH MONTH	3/ 22.00 3/ 22.00 3/ 22.00 3/ 22.00	6.50 6.50 6.50 6.50	7,796,615	
RHODE ISLAND*	20,271	5.00	CLASS 0 (PASSENGER/PASSENGER (CHAUFFEUR) CHAUFFEUR 33 (CHAUFFEUR-JITNEY, BUS, SCHOOL BUS, TAXI) CHAUFFEUR 32 (CHAUFFEUR-TRUCKS, 5 TONS OR GREATER) CHAUFFEUR 31 (CHAUFFEUR-TRUCKS, TRACTOR, TRAILER, SEMI'S) CHAUFFEUR 34 (CHAUFFEUR-COMBINATIONS OF 31 & 32) CHAUFFEUR 35 (CHAUFFEUR-COMBINATIONS OF 31 & 32) MOTORCYCLE ENDORSEMENT MILITARY SERVICE	148,908 3,284 6,304 4,395 7,785 605 1,339 1,100	5 YEARS 5 YEARS 5 YEARS 5 YEARS 5 YEARS 5 YEARS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	20.00 7/ 20.00 7/ 20.00 7/ 20.00 7/ 20.00 7/ 11.00 NO FEE	1.00 1.00 1.00 1.00 1.00 1.00	609,544 93,940 25,769 17,985 3,129 2,472 4,482 675,701	
SOUTH CAROLINA*	138,287	2.00	CLASS 1 (AUTOMOBILE) CLASS 2 (TRUCK/TRACTOR COMBINATION) CLASS 3 (TRUCK/TRACTOR COMBINATION) CLASS 4 (MOTORCYCLE, SCOOTER) CLASS 5 (MOPED) PROVISIONAL TEMPORARY DRIVER PERMIT (DMT)	789,297	4 YEARS 4 YEARS 4 YEARS 4 YEARS 6 MONTHS	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY -	10.00 10.00 10.00 10.00 5.00	0.50 0.50 0.50 0.50	2,398,660	
SOUTH DAKOTA	3,720	6.00	OPERATOR RESTRICTED OPERATOR MOTORCYCLE	127,515 5,846 5,361	UNTIL AGE 18 4 YEARS	BIRTHDAY BIRTHDAY	6.00 6.00	3.00 3.00	484,641 7,825 492,466	
TENNESSEE	36,895	8/ 13.00	CLASS A CLASS B CLASS C CLASS D CLASS E CLASS F ALSO CLASS H DUI-RESTRICTED	817,247	4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS 4 YEARS N/A	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY -	32.00 28.00 28.00 13.00 14.00 65.00	6.00 6.00 6.00 6.00 6.00	3,432,019	
TEXAS*	206,116	5.00	CLASS A (TRUCK/TRACTOR COMBINATION) CLASS B (AUTOMOBILE) CLASS C (MOTORCYCLE) CLASS M (MOTORCYCLE) OCCUPATIONAL	541,791 2,607,395 1,180 5,303	3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS 3/ 4 YEARS VARIES	BIRTHDAY BIRTHDAY BIRTHDAY BIRTHDAY	3/ 16.00 3/ 16.00 3/ 16.00 3/ 10.00	5.00 5.00 5.00 5.00	11,103,511	
UTAH*	30,000	8/ 10.00	CLASS A (PRIVATE LIGHT VEHICLE) CLASS B (PRIVATE HEAVY VEHICLE) CLASS C (FOR-HIRE LIGHT VEHICLE) CLASS D (FOR-HIRE HEAVY VEHICLE) CLASS E (UNLIMITED) CLASS F (MOTORCYCLE) CLASS H (ENDORSEMENT)	209,500 19,600 40	4 YEARS 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	934,984 92,399 (191) 1,027,383	
VERMONT	15,515	5/ 2.00	OPERATOR JUNIOR OPERATOR	120,523 6,106	2 & 4 YEARS 2 & 4 YEARS	BIRTHDAY BIRTHDAY	5/ 10.00 5/ 10.00	2.00 2.00	399,852 10,045 409,897	
VIROINIA*	133,573	3.00	DRIVER (BASIC LICENSE) CLASS A (ENDORSEMENT) (BUS) CLASS B (ENDORSEMENT) (MOTORCYCLE, MOTORBIKE, SCOOTER) CLASS H (ENDORSEMENT) (FOR-HIRE COMMON OR PUBLIC CARRIER) CLASS S (ENDORSEMENT) (SCHOOL BUS)	1,071,075 34,260 7,893 25,457 4,826	14/ 5 YEARS - - - -	BIRTH MONTH - - - -	14/ 12.00 14/ 5.00 14/ 5.00 14/ 5.00 NO FEE	5.00 - - - -	4,233,574	

MOTOR-VEHICLE DRIVER LICENSES - 1989

TABLE DL-1
SHEET 5 OF 5
SEPTEMBER 1990

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

STATE 2/	LEARNER PERMITS		CLASS OR TYPE OF LICENSE 2/ 3/	NUMBER ISSUED	LENGTH OF TERM	RENEWAL DATE	AMOUNT OF FEE		ESTIMATED TOTAL LICENSES IN FORCE 12-31-89 (MOTORCYCLE ONLY) 3/
	NUMBER ISSUED	AMOUNT OF FEE					NEW AND RENEWAL	DUPLICATE	
WASHINGTON*	124,665	23/ 5.00	BASIC DRIVER (AUTOMOBILE) MOTORCYCLE ENDORSEMENT (LIGHT TRUCK, BUS) COMBINATION ENDORSEMENT (ANY COMBINATION OF VEHICLES) OCCUPATIONAL PERMIT AGRICULTURAL PERMIT	889,036 87,971 70,761 1,047 143	4 YEARS 4 YEARS 4 YEARS VARIES 1 YEAR OR 18TH BIRTHDAY	BIRTHDAY BIRTHDAY BIRTHDAY ISSUANCE	5/ 14.00 5/ 23/ 4.00 5/ 23/ 5.00 25.00 3.00	5.00 - - 5.00 6.00	3,272,941
WEST VIRGINIA	39,454	4.00	OPERATOR CHAUFFEUR JUNIOR OPERATOR	320,422 17,397 17,400	4 YEARS 4 YEARS 18TH BIRTHDAY	ISSUANCE	10.00 15.00 10.00	5.00 5.00 5.00	1,170,317 111,002 25,126 1,305,445
WISCONSIN	138,610	15.00	PROBATIONARY OPERATOR CHAUFFEUR SCHOOL BUS MOTORCYCLE ENDORSEMENT	85,646 848,581 138,733 7,524 10,131	2 & 4 YEARS LIFETIME	BIRTHDAY BIRTHDAY BIRTHDAY	5/ 9.00 4.00 4.00 23/ 4.00	4.00 4.00 4.00	3,294,057
WYOMING=	2,375	10.00	CLASS A (TRUCK/TRACTOR COMBINATION) CLASS B (AUTOMOBILE) CLASS M (MOTORCYCLE, MOPED) CLASS S (SCHOOL BUS)	103,119	4 YEARS	BIRTHDAY	24/ 5.00 24/ 5.00 24/ 5.00 24/ 5.00	5.00 5.00 5.00 5.00	333,493
TOTAL									165,555,295

1/ THE NUMBERS OF LEARNER PERMITS, AND DRIVER LICENSES ISSUED ARE NOT AVAILABLE IN STATES WHERE A REGISTRATION LICENSE IS IN FORCE IN DESIGNATED STATES WERE ESTIMATED BY THE FEDERAL BUREAU OF INVESTIGATION.

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 I TO TABLE DL-101 IN A SEPARATE PUBLICATION FOR DESCRIPTION OF VEHICLE TYPES IN THE VARIOUS STATES LISTED.

3/ ALLOWANCE HAS BEEN MADE FOR DEATHS, EMIGRATION, AND REVOCATIONS IN THE STATES THAT WERE ABLE TO DO SO. CHAUFFEUR LICENSES HAVE NOT BEEN ADDED TO OPERATOR LICENSES IN MISSOURI SINCE THEY REQUIRE AN OPERATOR LICENSE UNDER COMBINATION LICENSES. IN KENTUCKY, BOTH SEPARATE CHAUFFEUR AND OPERATOR LICENSES WERE ISSUED IN 1989, BUT WHEN THEY WERE COMBINED LICENSES BY ENDORSEMENT, THE LICENSE HAS BEEN COUNTED IN THE HIGHEST CLASS LICENSE THAT HE HOLDS. "MOTORCYCLE ONLY" OPERATOR LICENSES ARE NOT INCLUDED.

4/ FOR ALABAMA, INCLUDES LOCAL LICENSE FEE OF \$25 ON LEARNER PERMITS, \$50 ON DUPLICATES, \$1.50 ON DRIVER LICENSES, SECOND OR SUBSEQUENT DUPLICATE IS \$3.50 TO \$13.50. IN COLORADO, \$10 FOR SECOND AND SUBSEQUENT DUPLICATE; NO FEE FOR RENEWAL OF MOTORCYCLE ENDORSEMENT.

5/ THE FOLLOWING EXAMINATION FEES ARE IN ADDITION TO THE FEE SHOWN FOR AN ORIGINAL LICENSE: \$15 IN CONNECTICUT OR ALABAMA; MASSACHUSETTS, \$20 FOR PUBLIC SERVICE LICENSE; \$3 IN ARIZONA; \$5 IN NORTH DAKOTA. IN WASHINGTON, \$7 BASIC, \$6 MOTORCYCLE, AND \$3 CLASSIFIED ENDORSEMENTS. IN VERMONT, WRITTEN EXAMINATION FEE IS \$10 WITH ORIGINAL LEARNER PERMIT AND NO FURTHER EXAM FEE UNLESS DRIVING TEST IS FAILED, THEN \$5 ADDITIONAL WITH REGULAR PERMITS.

6/ THE FOLLOWING STUDENT TRAINING PERMITS ARE INCLUDED WITH REGULAR PERMITS: MISSOURI, 23-131. IN IDAHO 13,086 DRIVER TRAINING PERMITS ARE ISSUED \$25 ADDITIONAL FEE FOR 120 DAYS. ISSUED TO EVERY APPLICANT FOR AN INSTRUCTIONAL PERMIT OR OPERATOR LICENSE WHO IS REQUIRED, OR ELECTS, TO TAKE A DRIVER TRAINING COURSE IN A PUBLIC SCHOOL MOTORCYCLE ENDORSEMENT. IN MARYLAND, ORIGINAL LICENSE FEE IS \$5 AND RENEWAL FEE IS \$4 ANNUALLY. ORIGINAL CLASS B LICENSES ARE \$32; CLASS A, 5 OR MOTORCYCLE ENDORSEMENT IS \$25. IN OREGON, ORIGINAL LICENSE FEE IS \$25. IN MINNESOTA, ORIGINAL LICENSE FEE IS \$5. IN FLORIDA ORIGINAL LICENSE FEE IS \$7.50. IN MISSISSIPPI, ORIGINAL LICENSE FEE IS \$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 1-51. IN MASSACHUSETTS, ORIGINAL SCHOOL BUS LICENSE IS \$12.50.

7/ PERMIT FEE IS CREDITED TO OPERATOR LICENSE. IN CALIFORNIA, THE ORIGINAL LICENSE FEE COVERS THE COST OF A LEARNER PERMIT \$10. IS CREDITED TO OPERATOR LICENSE IN ILLINOIS AND THE \$8 FEE IN NEW YORK LEARNER PERMIT AND LICENSE APPLICATION FEE ARE INCLUDED IN OBTAINING THE ORIGINAL LICENSE.

8/ IN COLORADO, MINOR LICENSES EXPIRE 20 DAYS AFTER 18TH BIRTHDAY; PROVISIONAL LICENSES EXPIRE 20 DAYS AFTER 21ST BIRTHDAY. IN NEW MEXICO, PERSONS 76 YEARS OR OVER RENEW ANNUALLY AT \$2.50. IN PENNSYLVANIA, DRIVERS OVER 65 RENEW FOR 2 YEARS AT \$11.50. IN TEXAS, LICENSES ISSUED TO THOSE UNDER 18 EXPIRE ON 18TH BIRTHDAY; THE FEE IS PROMOTED WITH A \$5 MINIMUM.

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

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

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

12/ A DRIVER WHO HAS HAD A DELAWARE DRIVER LICENSE OR 3 CONSECUTIVE YEARS AND HAS A MOTOR-VEHICLE OPERATION RECORD THAT SHOWS NO PREVIOUS YEARS HE MUST BE REEXAMINED AND PERMANENT LICENSE FOR 1 YEAR IN CHARGE FOR A GENERAL MOTORCYCLE ENDORSEMENT INCLUDED IN THE RENEWAL PHOTO ISSUES SHOW ARE 4-7 ORIGINAL AND 25-298 RENEWAL PERMANENT DRIVER LICENSES. THERE IS A ONE-TIME FEE OF \$3 TO UPGRADE A LICENSE FROM CLASS A TO CLASS B OR C.

13/ LEARNER PERMIT FEE: \$4 IN HAWAII AND \$5 IN HAWAII COUNTY. LICENSES ISSUED FOR 2 YEARS TO PERSONS 15-24 YEARS OLD AND 65 YEARS OLD OR OLDER AT \$5.50 IN HONOLULU, \$6 IN KAUAI, \$5 IN MAUI, AND \$6 IN HAWAII COUNTY. TERM IS 4 YEARS FOR PERSONS 25-64 YEARS OLD AT \$8.50 IN HONOLULU, \$12 IN KAUAI, \$8 IN MAUI COUNTY, AND \$12 IN HAWAII COUNTY. ORIGINAL ISSUE IS \$12 IN KAUAI, \$9 IN MAUI, AND \$12 IN HAWAII COUNTY. DUPLICATE FEE IS \$4 IN MAUI AND \$5 IN HAWAII AND KAUAI FOR BOTH LICENSES AND 4-YEAR TERMS TO PHASE IN THE NEW 4-YEAR TERM. IN ILLINOIS, LICENSES ARE ISSUED EXPIRING 3 MONTHS AFTER 21ST BIRTHDAY. IN VIRGINIA, EFFECTIVE 1-1-89, LICENSES ARE ISSUED FOR TERMS VARYING FROM 3-7 YEARS AT \$2.40 PER YEAR FOR THE BASIC LICENSE AND \$1 PER YEAR FOR EACH ENDORSEMENT. THIS WILL PHASE IN A 5-YEAR TERM BOTH 2 AND 4-YEAR LICENSES ARE BEING ISSUED TO PHASE IN 4-YEAR TERM; FEES FOR 2-YEAR LICENSES ARE HALF THOSE SHOWN; THERE IS NO FEE FOR THOSE OVER 65 YEARS.

15/ IN ILLINOIS, LICENSES AND LEARNER PERMITS FOR PERSONS 69 YEARS OF AGE AND OVER ARE \$5 FOR 4 YEARS, AND LICENSES ISSUED TO MINORS UNDER 21 ARE \$5. IN NEVADA, FOR THOSE 70 AND OVER, \$4 FOR LEARNER PERMITS UNDER 18 OR OVER 70; OTHERS MAY CHOOSE 2 OR 4-YEAR TERM. IN LOUISIANA IS IMPLEMENTING A 5-YEAR TERM REPLACING A 4-YEAR TERM. PERSONS 65 AND OVER MUST OBTAIN A 2-YEAR LICENSE. FEES ARE: CLASS A, \$3.50; CLASSES B, C, AND D, \$9. EXCEPT IN NEW ORLEANS PARISH WHERE THE FEE IS \$11.

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

17/ SUBSEQUENT LEARNER PERMIT FEES, \$15 FOR CLASSES 1 AND 2, \$5 FOR CLASS 3 AND MOTORCYCLE LICENSE. PHOTO ON LICENSE OPTIONAL OR THOSE FOR 2-YEAR TERM AT \$6.

20/ DRIVERS WITH UNLICENSED PERSONS IN THEIR VEHICLES ARE SUBJECT TO A SERVICE CHARGE OF \$1 IN MINNESOTA IF ISSUED BY THE DEPARTMENT OF PUBLIC SAFETY. THERE IS A SERVICE CHARGE OF \$1 IN MINNESOTA IF EXAM FEE ARE CHARGED FOR LICENSES AND PERMITS.

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

23/ IN WASHINGTON, LEARNER PERMITS FOR MOTORCYCLES AND CLASSIFIED ENDORSEMENTS ARE \$2.50; ORIGINAL CLASSIFIED ENDORSEMENT AND RENEWAL FEE IS \$5 WHEN ISSUED WITH RENEWAL. OTHERWISE ORIGINAL IS \$7 AND RENEWAL IS \$3. IN OHIO, MOTORCYCLE ENDORSEMENT IS \$10.

24/ IN WISCONSIN, ORIGINAL SCHOOL BUS LICENSE IS \$6.50. IN WYOMING, ORIGINAL LICENSE IS \$25/ MONTANA: CHAUFFEUR LICENSE FEE--INTERSTATE \$24, INTRASTATE \$10.

LICENSED DRIVERS, BY SEX - 1989

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

TABLE DL-1A
SEPTEMBER 1990

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

1/ SEX SEGREGATION ESTIMATED BY FHWA.

2/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

RATIO OF LICENSED DRIVERS TO POPULATION - 1989

TABLE DL-18
SEPTEMBER 1990

STATE	TOTAL RESIDENT POPULATION 1/	PERSONS OF DRIVING AGE (16 AND OVER) 1/	LICENSED DRIVERS			STATE
			NUMBER	PER 1,000 TOTAL RESIDENT POPULATION	PER 1,000 DRIVING AGE POPULATION	
	(1,000)	(1,000)				
ALABAMA	4.118	3.140	2,843,587	691	906	ALABAMA
ALASKA	527	376	300,000	569	798	ALASKA
ARIZONA	3.556	2.672	2,371,588	667	888	ARIZONA
ARKANSAS	2.406	1.831	1,710,953	711	934	ARKANSAS
CALIFORNIA	29.063	22.081	19,569,735	673	886	CALIFORNIA
COLORADO	3.317	2.540	2,115,926	638	833	COLORADO
CONNECTICUT	3.239	2.564	2,373,817	733	926	CONNECTICUT
DELAWARE	673	522	480,622	714	921	DELAWARE
DIST. OF COL.	604	478	394,344	653	825	DIST. OF COL.
FLORIDA	12.671	10.113	2/ 9,006,249	711	891	FLORIDA
GEORGIA	6.436	4.842	4,317,566	671	892	GEORGIA
HAWAII	1.112	853	657,156	591	770	HAWAII
IDAHO	1.014	742	706,472	697	952	IDAHO
ILLINOIS	11.658	9.003	7,205,156	618	800	ILLINOIS
INDIANA	5.593	4.301	3,838,030	686	892	INDIANA
IOWA	2.840	2.209	1,921,629	677	870	IOWA
KANSAS	2.513	1.920	1,703,798	678	887	KANSAS
KENTUCKY	3.727	2.874	2,392,052	642	832	KENTUCKY
LOUISIANA	4.382	3.239	2,573,954	587	795	LOUISIANA
MAINE	1.222	953	886,912	726	931	MAINE
MARYLAND	4.694	3.658	3,097,915	660	847	MARYLAND
MASSACHUSETTS	5.913	4.726	4,257,842	720	901	MASSACHUSETTS
MICHIGAN	9.273	7.108	6,422,031	693	903	MICHIGAN
MINNESOTA	4.353	3.339	2,429,251	558	728	MINNESOTA
MISSISSIPPI	2.621	1.939	1,841,840	703	950	MISSISSIPPI
MISSOURI	5.159	3.998	3,536,684	686	885	MISSOURI
MONTANA	806	610	597,638	741	980	MONTANA
NEBRASKA	1.611	1.232	1,064,796	661	864	NEBRASKA
NEVADA	1.111	860	794,067	715	923	NEVADA
NEW HAMPSHIRE	1.107	858	809,389	731	943	NEW HAMPSHIRE
NEW JERSEY	7.336	6.112	5,615,102	765	919	NEW JERSEY
NEW MEXICO	1.528	1.120	1,062,806	696	949	NEW MEXICO
NEW YORK	17.950	14.071	10,177,995	567	723	NEW YORK
NORTH CAROLINA	6.571	5.122	4,484,107	682	875	NORTH CAROLINA
NORTH DAKOTA	660	499	425,202	644	852	NORTH DAKOTA
OHIO	10.907	8.407	7,369,821	676	877	OHIO
OKLAHOMA	3.224	2.464	2,292,867	711	931	OKLAHOMA
OREGON	2.820	2.197	2,189,654	776	997	OREGON
PENNSYLVANIA	12.040	9.525	7,796,615	648	819	PENNSYLVANIA
RHODE ISLAND	998	793	675,701	677	852	RHODE ISLAND
SOUTH CAROLINA	3.512	2.667	2,338,660	666	877	SOUTH CAROLINA
SOUTH DAKOTA	715	539	492,466	689	914	SOUTH DAKOTA
TENNESSEE	4.940	3.832	3,432,019	695	896	TENNESSEE
TEXAS	16.991	12.545	11,103,511	653	885	TEXAS
UTAH	1.707	1.131	1,027,363	602	908	UTAH
VERMONT	567	441	409,897	723	929	VERMONT
VIRGINIA	6.098	4.782	4,233,574	694	865	VIRGINIA
WASHINGTON	4.761	3.669	3,272,941	687	892	WASHINGTON
WEST VIRGINIA	1.857	1.452	1,306,445	704	900	WEST VIRGINIA
WISCONSIN	4.867	3.745	3,294,057	677	880	WISCONSIN
WYOMING	475	352	333,493	702	947	WYOMING
TOTAL	247.843	191.047	165,555,295	668	867	TOTAL

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

2/ NUMBER OF LICENSED DRIVERS ESTIMATED BY FHWA.

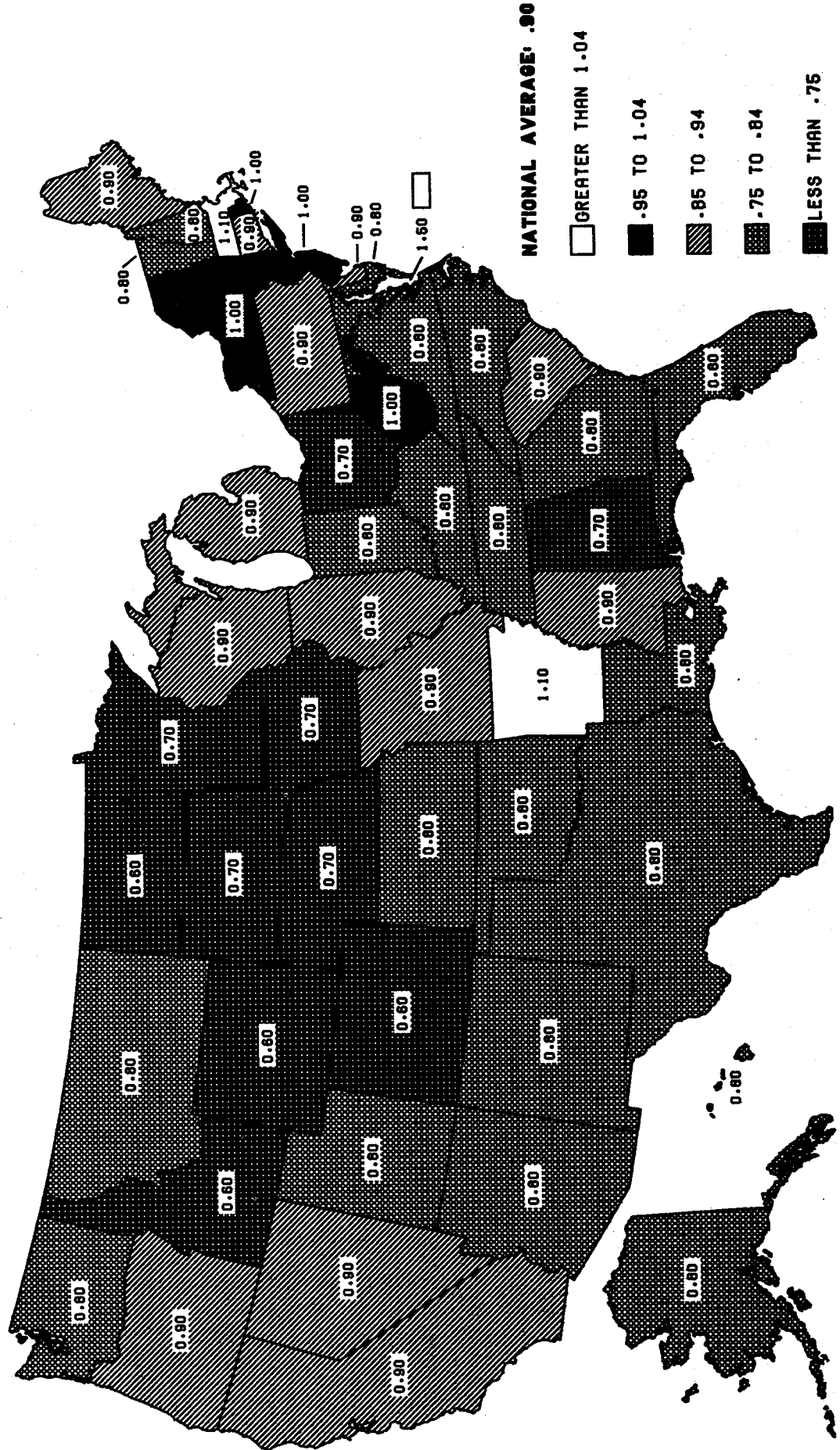
DISTRIBUTION OF LICENSED DRIVERS - 1989
BY SEX AND PERCENTAGE IN EACH AGE GROUP AND RELATION TO POPULATION

TABLE DL-20
 SEPTEMBER 1990

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

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

LICENSED DRIVERS PER PRIVATE AND COMMERCIAL MOTOR VEHICLE - 1989



HIGHWAY FINANCE

This section contains a series of tables reporting the highway receipts, disbursements, debt status, and other financial information of Federal, State and local agencies. Federal and State highway finance data are for calendar year 1989 with a few exceptions; but finance data for local governments are for various fiscal years ending in 1988.

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

INTERGOVERNMENTAL PAYMENTS

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

Federal aid for highways

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

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

improvements. Details of the different Federal assistance programs are given in table F-106, which appears in a separate FHWA publication entitled *Highway Taxes and Fees, How They Are Collected and Distributed*.

State aid to local governments

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

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

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

In 1989 the statutes of 48 States provided for the sharing of State-collected highway-user tax revenues with local governments for road and street purposes. This assistance is in the form of direct grants-in-aid and shared revenue. The two States that did not have such statutes are Alaska and West Virginia. Table SF-5A shows the sources and payments of the shared State funds.

In 1989, forty-three States provided aid from road-user taxes to municipalities including New England towns. Counties in 45 States received grants-in-aid. Many States provide aid to more than one type of local government.

Intergovernmental payments of local agencies

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

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

Combined finances

Table HF-10 combines, for all government units, receipts and expenditures for 1989 (with local government and some Federal data estimated) and identifies separately the intergovernmental payments. Tables HF-1 and HF-2 eliminate intergovernmental payments and show, by State, total receipts and expenditures for highways in 1988, the last year for which finance data for all governmental units are available. Table HB-2 summarizes highway debt for all governmental units. Bonds issued and redeemed and total debt outstanding are given for years 1986 through 1989.

Federal financing

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

Although Federal aid for highways began in the late 1800's it was not until 1916 that Federal assistance was provided uniformly to all States with the purpose of developing an integrated network of highways. An important step occurred in 1921 when the use of Federal aid

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

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

In recent years, increased attention has been directed to the preservation and reconstruction of the Nation's highways and bridges. Although regular Federal-aid funds may be used by the States for the rehabilitation and replacement of deficient bridges, a special bridge rehabilitation and replacement program with separate authorizations was begun in 1970. Since then, funding for this program has increased substantially and accounted for over 11 percent of total Federal-aid highway funds apportioned for FY 1990.

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

The Federal Highway Trust Fund (HTF) provides the means of financing for the Federal-aid highway program. The HTF was established by the Highway Revenue Act of 1956. Since then, changes in the tax structure have occurred periodically. The Surface Transportation Assistance Act of 1982 authorized a number of changes to the Federal excise tax structure, and more recently the Deficit

Reduction Act of 1984 made further changes. Table FE-101 provides a historical summary of the Federal excise tax rates, including rates currently in effect.

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

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

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

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

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

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

The actual payment of Federal funds administered by the Federal Highway Administration during calendar year

1989 is shown in table FA-3. Most of these payments were made to the States, but in addition to its own administrative costs, some funds were expended by FHWA directly on projects. These amounts, together with a summary of the finances of all other Federal assistance programs for highways are shown in table FA-5. Table FA-4 reports apportionments of Federal-aid funds to the States for fiscal year 1990, and table FA-4A shows the formulas used for apportioning the various Federal-aid funds. Obligations of Federal-aid highway funds for fiscal year 1989 are reported in table FA-4B.

State financing

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

Local financing

Highway finance of county and township governments is shown in the LF table series, and of municipalities in the UF series. Debt status for these two groups of local governments is given in the separate LB and UB series. Table LGF-21 consolidates and summarizes all highway receipts and disbursements of local governments. The local finance data are for various fiscal years ending in 1988. In many States, sampling is used to develop highway finance data for local governments.

CLASSIFICATION OF HIGHWAY RECEIPTS

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

Funds attributable to highway users

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

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

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

In many States, specific revenues or portions of revenues from each type of highway-user tax are dedicated to specific highway purposes. Most States place highway-user revenues or a portion of them in a general State fund that receives many types of revenues, including those from highway users. For the latter group of States, each appropriation or expenditure for highway purposes has been treated as if it had been made from motor-fuel taxes

and from motor-vehicle taxes in proportion to the revenue received by the general fund from each of the sources. Revenues are not earmarked for specific purposes and thus it is impossible to identify how funds from particular sources are used.

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

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

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

Other taxes and fees

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

Investment income and miscellaneous receipts

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

Income from sale of bonds and notes

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

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

CLASSIFICATION OF HIGHWAY EXPENDITURES

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

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

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

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

TOTAL RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS, ALL UNITS OF GOVERNMENT - 1989¹DATA COMPILED FROM REPORTS OF FEDERAL,
STATE AND LOCAL AUTHORITIES

(MILLIONS OF DOLLARS)

TABLE HF-10
OCTOBER 1990

ITEM	FEDERAL GOVERNMENT				STATE AGENCIES AND D.C.	COUNTIES AND TOWNSHIPS	MUNICI- PALITIES	TOTAL
	FEDERAL HIGHWAY ADMINISTRATION		OTHER FEDERAL AGENCIES	TOTAL FEDERAL				
	HIGHWAY TRUST FUND	OTHER FUNDS						
RECEIPTS BY COLLECTING AGENCIES								
IMPOSTS ON HIGHWAY USERS: 2/ MOTOR-FUEL AND VEHICLE TAXES	14.120	-	-	14.120	26.355	450	405	41.330
TOLLS	-	-	-	-	2,500	67	440	3,007
SUBTOTAL	14.120	-	-	14.120	28.855	517	845	44.337
OTHER TAXES AND FEES: PROPERTY TAXES AND ASSESSMENTS	-	-	-	-	-	2,140	2,400	4,540
GENERAL FUND APPROPRIATIONS	-	208	777	985	1,524	2,750	6,200	11,459
OTHER TAXES AND FEES	-	-	72	72	1,372	600	410	2,454
SUBTOTAL	-	208	849	1,057	2,896	5,490	9,010	18,453
INVESTMENT INCOME AND OTHER RECEIPTS	898	-	460	1,358	2,091	830	1,500	5,779
TOTAL CURRENT INCOME	15.018	208	1,309	16,535	33,842	6,837	11,355	68,569
BOND ISSUE PROCEEDS (PAR VALUE) 3/	-	-	-	-	3,064	650	1,350	5,064
GRAND TOTAL RECEIPTS	15.018	208	1,309	16,535	36,906	7,487	12,705	73,633
INTERGOVERNMENTAL PAYMENTS: FEDERAL GOVERNMENT: HIGHWAY TRUST FUND	-13.008	-	-	-13.008	12,734	115	159	-
ALL OTHER FUNDS:	-	-154	-783	-937	395	358	184	-
STATE AGENCIES: HIGHWAY-USER IMPOSTS	-	-	-	-	-6,708	4,083	2,625	-
ALL OTHER FUNDS	-	-	-	-	-825	450	375	-
COUNTIES AND TOWNSHIPS	-	-	-	-	500	-720	220	-
MUNICIPALITIES	-	-	-	-	255	28	-283	-
SUBTOTAL	-13.008	-154	-783	-13,945	6,351	4,314	3,280	-
FUNDS DRAWN FROM OR PLACED IN RESERVES 4/	-1,582	-	-	-1,582	-237	-290	-328	-2,437
TOTAL FUNDS AVAILABLE	428	54	526	1,008	43,020	11,511	15,657	71,196
DISBURSEMENTS BY EXPENDING AGENCIES								
CAPITAL OUTLAY: ON STATE-ADMINISTERED HIGHWAYS	-	-	-	-	23,036	-	-	23,036
ON LOCAL RURAL ROADS	-	-	-	-	786	3,600	-	4,386
ON LOCAL MUNICIPAL ROADS AND STREETS	-	-	-	-	699	-	4,700	5,399
NOT CLASSIFIED BY SYSTEM	201	33	280	514	-	-	-	514
SUBTOTAL	201	33	280	514	24,521	3,600	4,700	33,335
MAINTENANCE AND TRAFFIC SERVICES: ON STATE-ADMINISTERED HIGHWAYS	-	-	-	-	7,798	-	-	7,798
ON LOCAL RURAL ROADS	-	-	-	-	31	5,700	-	5,731
ON LOCAL MUNICIPAL ROADS AND STREETS	-	-	-	-	43	-	5,950	5,993
NOT CLASSIFIED BY SYSTEM	-	-	157	157	-	-	-	157
SUBTOTAL	-	-	157	157	7,872	5,700	5,950	19,679
ADMINISTRATION AND RESEARCH	227	21	89	337	6/ 3,263	810	970	5,380
HIGHWAY LAW ENFORCEMENT AND SAFETY	-	-	-	-	3,553	670	2,230	6,453
INTEREST ON DEBT	-	-	-	-	1,741	356	774	2,871
TOTAL CURRENT DISBURSEMENTS	428	54	526	1,008	40,950	11,136	14,624	67,718
DEBT RETIREMENT (PAR VALUE) 3/	-	-	-	-	2,070	375	1,033	3,478
GRAND TOTAL DISBURSEMENTS	428	54	526	1,008	43,020	11,511	15,657	71,196

1/ THIS TABLE SUMMARIZES AND CONSOLIDATES DATA REPORTED IN GREATER DETAIL IN THE FA, SF, SB, LF, UF, LB, AND UB TABLE SERIES. DATA FOR FEDERAL AND STATE AGENCIES ARE FINAL; THOSE FOR COUNTIES AND MUNICIPALITIES ARE ESTIMATES SUBJECT TO REVISION WHEN DATA FOR ALL LOCAL UNITS ARE AVAILABLE. TABLES HF-1 AND HF-2 FOR 1988 CONTAIN FINAL DATA FOR ALL UNITS OF GOVERNMENT.

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

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

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

5/ INCLUDES \$60.9 MILLION PAID TO TERRITORIES.

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

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

TABLE HB-2
OCTOBER 1990

(MILLIONS OF DOLLARS)

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

1/ STATE DATA ARE FOR CALENDAR YEAR; LOCAL DATA ARE FOR VARYING FISCAL YEARS.
2/ 1989 DATA ESTIMATED FOR LOCAL GOVERNMENTS.
3/ REFUNDING ISSUES ARE NOT INCLUDED.
4/ REDEMPTIONS BY REFUNDING ARE NOT INCLUDED.

STATUS OF THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEAR ENDED SEPTEMBER 30, 1989

TABLE FE-10
MARCH 1990

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

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

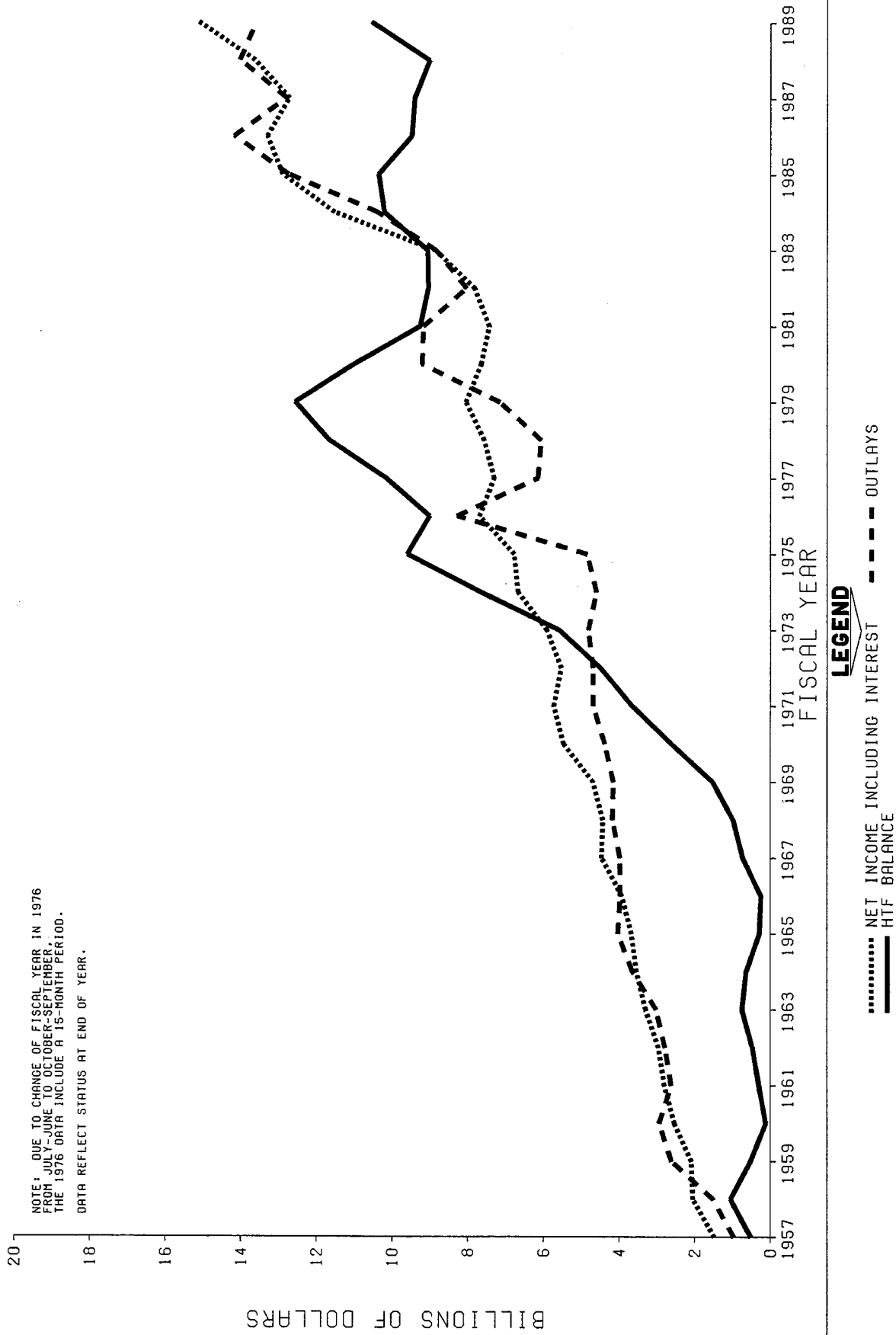
2/ THE MASS TRANSIT ACCOUNT WAS ESTABLISHED APRIL 1, 1983 WITH ENACTMENT OF THE SURFACE TRANSPORTATION ASSISTANCE ACT OF 1982. GASOLINE EXCLUDES PRIOR REFUNDS OF \$113,368,690.00 CHARGED TO THE MASS TRANSIT ACCOUNT.

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

4/ CERTIFICATES HELD SEPTEMBER 30, 1989 FOR \$380,197,000.00 BORE INTEREST AT 9 PERCENT AND \$15,597,746,000.00 BORE INTEREST AT 9.125 PERCENT.

STATUS OF THE FEDERAL HIGHWAY TRUST FUND

(EXCLUDES MASS TRANSIT ACCOUNT)



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

(THOUSANDS OF DOLLARS)

TABLE FE-9
SHEET 1 OF 2
MAY 1990

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

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

TABLE FE-9
SHEET 2 OF 2
MAY 1990

(THOUSANDS OF DOLLARS)

STATE	FEDERAL USE TAX	TRUCKS AND TRAILERS	TIRES	REPEALED TAXES 3/	TOTAL RECEIPTS	STATE
	(6)	(7)	(8)	(9)	(10)	
ALABAMA	14,731	30,017	7,653	-14	283,690	ALABAMA
ALASKA	1,313	2,675	682	-1	29,897	ALASKA
ARIZONA	9,200	18,746	4,780	-11	224,984	ARIZONA
ARKANSAS	11,142	22,705	5,789	-9	208,962	ARKANSAS
CALIFORNIA	53,980	109,990	28,044	-80	1,509,845	CALIFORNIA
COLORADO	5,794	11,806	3,010	-9	174,678	COLORADO
CONNECTICUT	6,293	12,824	3,270	-9	171,204	CONNECTICUT
DELAWARE	1,699	3,463	863	-2	43,652	DELAWARE
DIST. OF COL.	706	1,439	367	-1	21,371	DIST. OF COL.
FLORIDA	23,669	48,230	12,297	-36	689,446	FLORIDA
GEORGIA	25,494	51,949	13,245	-24	530,202	GEORGIA
HAWAII	696	1,419	362	-2	34,572	HAWAII
IDAHO	3,055	6,226	1,587	-3	62,853	IDAHO
ILLINOIS	23,709	48,310	12,318	-31	535,804	ILLINOIS
INDIANA	19,280	39,285	10,017	-18	366,001	INDIANA
IOWA	10,264	20,914	5,332	-9	182,072	IOWA
KANSAS	9,164	18,672	4,761	-9	185,002	KANSAS
KENTUCKY	15,095	30,758	7,842	-13	256,852	KENTUCKY
LOUISIANA	11,342	23,112	5,893	-13	266,022	LOUISIANA
MAINE	3,531	7,195	1,835	-4	85,091	MAINE
MARYLAND	9,989	20,353	5,189	-13	260,457	MARYLAND
MASSACHUSETTS	8,906	18,147	4,627	-15	283,571	MASSACHUSETTS
MICHIGAN	16,133	32,873	8,382	-26	465,038	MICHIGAN
MINNESOTA	10,173	20,729	5,285	-13	246,464	MINNESOTA
MISSISSIPPI	9,775	19,918	5,079	-8	193,956	MISSISSIPPI
MISSOURI	16,420	33,459	8,531	-18	370,116	MISSOURI
MONTANA	3,554	7,243	1,847	-3	68,702	MONTANA
NEBRASKA	6,164	12,560	3,202	-5	105,129	NEBRASKA
NEVADA	3,547	7,228	1,843	-4	78,675	NEVADA
NEW HAMPSHIRE	1,780	3,628	925	-3	58,410	NEW HAMPSHIRE
NEW JERSEY	15,700	31,992	8,157	-21	423,933	NEW JERSEY
NEW MEXICO	6,279	12,794	3,262	-6	117,868	NEW MEXICO
NEW YORK	22,803	46,466	11,847	-34	655,254	NEW YORK
NORTH CAROLINA	18,800	38,308	9,767	-21	446,751	NORTH CAROLINA
NORTH DAKOTA	2,792	5,689	1,451	-2	51,076	NORTH DAKOTA
OHIO	26,602	54,205	13,821	-31	587,133	OHIO
OKLAHOMA	11,867	24,181	6,166	-11	245,133	OKLAHOMA
OREGON	9,274	18,896	4,818	-9	198,254	OREGON
PENNSYLVANIA	28,465	58,003	14,789	-30	651,495	PENNSYLVANIA
RHODE ISLAND	1,336	2,723	694	-2	43,565	RHODE ISLAND
SOUTH CAROLINA	9,518	19,395	4,945	-10	209,305	SOUTH CAROLINA
SOUTH DAKOTA	2,897	5,903	1,505	-3	54,234	SOUTH DAKOTA
TENNESSEE	17,613	35,890	9,151	-17	337,205	TENNESSEE
TEXAS	40,765	83,063	21,178	-54	1,063,021	TEXAS
UTAH	4,573	9,318	2,376	-5	105,746	UTAH
VERMONT	1,394	2,841	724	-2	36,133	VERMONT
VIRGINIA	17,441	35,539	9,061	-19	392,016	VIRGINIA
WASHINGTON	10,414	21,219	5,410	-13	267,299	WASHINGTON
WEST VIRGINIA	5,695	11,604	2,959	-5	121,782	WEST VIRGINIA
WISCONSIN	12,847	26,178	6,675	-13	288,299	WISCONSIN
WYOMING	4,641	9,456	2,411	-2	70,238	WYOMING
TOTAL	608,314	1,239,536	316,044	-716	14,358,458	TOTAL

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

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

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

FEDERAL TAX RATES ON MOTOR VEHICLES AND RELATED PRODUCTS

TABLE FE-101
SHEET 1 OF 2

EFFECTIVE DATE OF NEW TAX OR EXISTING TAX	GASOLINE (CENTS PER GALLON)	DIESEL (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	TRAILERS	PARTS AND ACCESSORIES (MANUFACTURER'S SALES PRICE)	TIRES	TUBES	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	-	-	-	-	-	AUTOMOBILES FOR PASSENGER OR LESS. \$20 FOR OVER 7.
FEBRUARY 25, 1919	-	-	-	5 PERCENT	5 PERCENT	5 PERCENT	EXEMPTED TRUCK OR \$1,000 OR UNDER AND TRUCK BODIES FOR \$200 OR UNDER	-	5 PERCENT	5 PERCENT	5 PERCENT	-	V
JULY 3, 1924	-	-	-	V	V	V	-	-	2-5 PERCENT	2-5 PERCENT	2-5 PERCENT	-	V
FEBRUARY 26, 1928	-	-	-	V	V	V	REPEALED	-	REPEALED	REPEALED	REPEALED	-	V
MARCH 29, 1928	-	-	-	3 PERCENT	3 PERCENT	3 PERCENT	-	-	-	-	-	-	REPEALED
JUNE 30, 1928	-	-	-	REPEALED	REPEALED	REPEALED	-	-	-	-	-	-	REPEALED
MAY 29, 1928	-	-	-	REPEALED	REPEALED	REPEALED	-	-	-	-	-	-	REPEALED
JUNE 21, 1932	1 CENT	-	4 CENTS	3 PERCENT	3 PERCENT	3 PERCENT	2 PERCENT	-	2 PERCENT	2-25 CENTS	4 CENTS	-	-
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	4-5 CENTS	-	-
OCTOBER 1, 1941	V	-	V	7 PERCENT	7 PERCENT	5 PERCENT	HOUSE TRAILERS 7 PERCENT; OTHERS, 5 PERCENT	-	5 PERCENT	5 CENTS	9 CENTS	-	-
FEBRUARY 1, 1942	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
JUNE 30, 1946	V	-	V	V	V	V	V	-	V	V	V	-	REPEALED
NOVEMBER 1, 1951	2 CENTS	-	V	10 PERCENT	10 PERCENT	8 PERCENT	8 PERCENT	-	8 PERCENT	V	V	-	-
SEPTEMBER 1, 1955	V	V	CUTTING OIL, 3 PERCENT; OTHER, 6 CENTS	V	REPEALED	V	V	-	V	V	V	-	-
JULY 1, 1956	3 CENTS	3 CENTS	V	V	-	10 PERCENT	10 PERCENT	10 PERCENT	V	8 CENTS	8 CENTS	3 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT - \$1.60 PER 1,000 POUNDS ANNUAL TAX \$7
OCTOBER 1, 1956	4 CENTS	4 CENTS	V	V	-	V	V	V	V	V	V	V	V
JULY 1, 1961	V	V	V	V	-	V	V	V	V	10 CENTS	10 CENTS	5 CENTS	MOTOR VEHICLES OVER 26,000 POUNDS GROSS WEIGHT PER 1,000 POUNDS ANNUAL TAX \$7
JUNE 22, 1965	V	V	V	7 PERCENT	10 PERCENT	10 PERCENT	10 PERCENT	V	V	V	V	V	V
JANUARY 1, 1968	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	11 PERCENT	V	V	V	V
AUGUST 16, 1971	V	V	V	REPEALED	-	V	V	V	V	V	V	V	V
NOVEMBER 10, 1978	4 CENTS	4 CENTS	6 CENTS	-	-	REPEALED	REPEALED	V	8 PERCENT	10 CENTS	10 CENTS	5 CENTS	V
JANUARY 1, 1981	V	V	V	-	-	-	V	V	V	9-75 CENTS	9-75 CENTS	V	V
JANUARY 7, 1983	V	V	V	-	-	-	10 PERCENT	10 PERCENT	REPEALED	V	V	V	V
APRIL 1, 1983	9 CENTS	9 CENTS	-	-	-	-	12 PERCENT	12 PERCENT	-	V	V	V	V

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND

FISCAL YEARS 1957 - 1989

TABLE FF-201
SHEET 1 OF 3

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, 1983; 9 CENTS PER GALLON FOR GASOLINE THEREAFTER, AND FOR DIESEL FUEL THROUGH JULY 31, 1984 AND 15 CENTS THEREAFTER; 3 CENTS PER GALLON FOR MOTOR DIESEL BASE FUEL THROUGH JULY 31, 1984 AND 5 CENTS THEREAFTER; 9 CENTS PER GALLON FOR FUEL WITH 85 PERCENT MINIMUM ALCOHOL MADE FROM NATURAL GAS APRIL 1, 1983 THROUGH JULY 31, 1984; 4.5 CENTS THEREAFTER. EXCLUDES AVIATION FUEL TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	1,326	1,608	1,657	2,044	2,361	2,374	2,462	2,643	2,736	2,846	3,124	3,036	3,181
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1966 THROUGH JUNE 30, 1961; 10 CENTS PER POUND FOR HIGHWAY TIRES AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961 THROUGH DECEMBER 31, 1980; 9.75 CENTS PER POUND FOR HIGHWAY TIRES AND 4.875 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1981 THROUGH DECEMBER 31, 1982; 10 CENTS PER POUND OVER 40 TO 70 POUNDS, \$4.50 PLUS 30 CENTS PER 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 DECEMBER 31, 1957. ALL TAXES ACCRUED TO THE TRUST FUND EXCLUDES AVIATION TIRE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	82	244	247	281	246	327	366	359	382	442	482	468	551
INNER TUBES	9 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 10 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984. NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957, JULY 1, 1957 THROUGH JUNE 30, 1970 ALL INNER TUBE TAX ACCRUED TO THE TRUST FUND. EXCLUDES AVIATION INNER TUBE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	-	17	15	19	15	17	19	22	24	30	33	19	28
TREAD RUBBER	3 CENTS PER POUND JULY 1, 1956 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	11	13	14	15	14	15	142	142	142	25	26	25	30
TRUCKS, BUSES AND TRAILERS	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1966 THROUGH MARCH 31, 1983; EFFECTIVE APRIL 1, 1977. DURING FISCAL YEAR 1957, ONE FIFTH OF THE TAX ACCRUED TO THE TRUST FUND, ONE HALF OF THE TAX ACCRUED TO THE TRUST FUND DURING THE PERIOD JULY 1, 1957 THROUGH JUNE 30, 1962; ALL THEREAFTER.	34	111	107	142	115	128	311	357	393	442	525	510	541
FEDERAL USE	\$1.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 10,000 POUNDS, \$2.00 PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH 10,000 POUNDS OR LESS, \$1.00 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, 1965. TAX REPEALED EFFECTIVE JANUARY 7, 1985.	-	-	-	-	-	-	-	-	23	68	82	83	
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS ACCESSORIES ARE EXCEPTED FROM TAX EFFECTIVE DECEMBER 1, 1978. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	-	-	-	-	-	-	-	-	7	69	81	94	
TOTAL FROM EXCISES		1,479	2,026	2,074	2,539	2,798	2,948	3,279	3,519	3,656	3,917	4,441	4,379	4,637
INTEREST ON INVESTMENTS		3	18	13	-3	1	7	14	20	11	7	14	33	53
GRAND TOTAL		1,482	2,044	2,087	2,536	2,799	2,956	3,293	3,539	3,669	3,924	4,455	4,412	4,690

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND

FISCAL YEARS 1957 - 1989

TABLE FF-201
SHEET 2 OF 3

(MILLIONS OF DOLLARS)

ITEM	TAX RATE 2/	1970	1971	1972	1973	1974	1975	1976	TRANSITION QUARTER 3/	1977	1978	1979	1980	1981	1982
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1955 THROUGH SEPTEMBER 30, 1958; 4 CENTS PER GALLON OCTOBER 1, 1958 THROUGH JULY 31, 1959; 5 CENTS PER GALLON AUGUST 1, 1959 THROUGH APRIL 1, 1961; 6 CENTS PER GALLON MAY 1, 1961 THROUGH APRIL 1, 1963; 7 CENTS PER GALLON FOR GASOLINE THEREAFTER, 4 CENTS PER GALLON FOR DIESEL FUEL THROUGH APRIL 1, 1983; THROUGH DECEMBER 31, 1984, 3 CENTS (9 CENTS FOR DIESEL-BASED FUEL) THROUGH APRIL 1, 1983; 5 CENTS PER GALLON THROUGH APRIL 1, 1983 THROUGH APRIL 1, 1983; 4.5 CENTS THEREAFTER.	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" JULY 1, 1955 THROUGH JUNE 30, 1961; 10 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" JULY 1, 1961 THROUGH DECEMBER 31, 1980; 9.75 CENTS PER POUND FOR HIGHWAY TIRES AND 4.875 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1981 THROUGH DECEMBER 31, 1981; 10 CENTS PER POUND FOR HIGHWAY TIRES AND 5 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1982 THROUGH DECEMBER 31, 1982; 10.50 CENTS PER POUND FOR HIGHWAY TIRES AND 5.25 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1983 THROUGH DECEMBER 31, 1983; 11.00 CENTS PER POUND FOR HIGHWAY TIRES AND 5.50 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1984 THROUGH DECEMBER 31, 1984; 11.50 CENTS PER POUND FOR HIGHWAY TIRES AND 5.75 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1985 THROUGH DECEMBER 31, 1985; 12.00 CENTS PER POUND FOR HIGHWAY TIRES AND 6.00 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1986 THROUGH DECEMBER 31, 1986; 12.50 CENTS PER POUND FOR HIGHWAY TIRES AND 6.25 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1987 THROUGH DECEMBER 31, 1987; 13.00 CENTS PER POUND FOR HIGHWAY TIRES AND 6.50 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1988 THROUGH DECEMBER 31, 1988; 13.50 CENTS PER POUND FOR HIGHWAY TIRES AND 6.75 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1989 THROUGH DECEMBER 31, 1989.	588	576	632	721	838	744	546	210	759	762	809	633	559	626
INNER TUBES	FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND, 1.50 CENTS PER POUND ON "OTHER TIRES" ACCRUED TO THE TRUST FUND, 4.50 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND, 2.25 CENTS PER POUND ON "OTHER TIRES" ACCRUED TO THE TRUST FUND, 1.50 ALL YEAR TAX ACCRUED TO THE TRUST FUND, 1980 AND AFTER AUGUST 31, 1982.	26	23	24	29	33	33	25	8	30	31	38	26	26	23
TREAD RUBBER	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, 1964.	28	30	27	31	24	20	23	7	25	25	20	21	19	23
TRUCKS, BUSES AND TRAILERS	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.	700	693	436	380	614	602	219	50	708	851	944	912	664	725
FEDERAL USE	3 CENTS PER POUND JULY 1, 1955 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JULY 1, 1961 THROUGH DECEMBER 31, 1963; REPEALED EFFECTIVE JANUARY 1, 1984.	137	148	150	161	225	222	209	110	240	248	235	277	237	333
LUBRICATING OIL	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1956 THROUGH MARCH 31, 1959; 12 PERCENT OF RETAILER'S SALES PRICE THEREAFTER. BUSES ARE EXEMPT. DURING FISCAL YEAR 1957, ONE SIXTH 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.	95	62	73	80	94	84	56	26	76	80	84	77	76	76
PARTS AND ACCESSORIES	31.50 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 26,000 POUNDS WHEN LOADED. JULY 1, 1955 THROUGH JUNE 30, 1961, 43.00 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT JULY 1, 1961 THROUGH JUNE 30, 1984. JULY 1, 1984 THROUGH DECEMBER 31, 1984, 46.00 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT OVER 26,000 POUNDS GROSS WEIGHT PER 1,000 POUNDS OVER 55,000 POUNDS TO 75,000 POUNDS GROSS WEIGHT, \$550.00 ANNUALLY OVER 75,000 POUNDS GROSS WEIGHT THEREAFTER.	87	85	87	104	131	143	116	39	165	188	225	263	234	224
TOTAL FROM EXCISES	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1968. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	5,354	5,541	5,322	5,665	6,280	6,188	5,413	1,676	6,709	6,905	7,189	6,620	6,305	6,744
INTEREST ON INVESTMENTS	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS PARTS AND ACCESSORIES EFFECTIVE JANUARY 1, 1966. BUS PARTS AND ACCESSORIES EXEMPT FROM TAX EFFECTIVE DECEMBER 1, 1978. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	115	184	206	247	415	586	587	13	593	682	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	7,587	8,046	7,647	7,434	7,822

NET REVENUES TO THE FEDERAL HIGHWAY TRUST FUND¹

FISCAL YEARS 1957 - 1989

TABLE FE-201
SHEET 3 OF 3

ITEM	TAX RATE 2/	(MILLIONS OF DOLLARS)										
		HIGHWAYS/ MASS TRANSIT ACCOUNT 1/	1983	1984	1985	1986	1987	1988	1989			
MOTOR FUEL	3 CENTS PER GALLON JULY 1, 1957 THROUGH SEPTEMBER 30, 1959; 4 CENTS PER GALLON OCTOBER 1959 THROUGH MARCH 31, 1961; 5 CENTS PER GALLON FOR GASOLINE THEREAFTER, AND FOR DIESEL FUEL THROUGH APRIL 30, 1964 AND 15 CENTS PER GALLON FOR GASOLINE THROUGH APRIL 30, 1965; 16 CENTS PER GALLON THEREAFTER, 9 CENTS PER GALLON FOR FUEL WITH 85 PERCENT MINIMUM ALCOHOL MADE FROM NATURAL GAS APRIL 1, 1983 THROUGH JULY 31, 1984; 4.5 CENTS THEREAFTER. EXCLUDES AVIATION FUEL TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	6,530 820 7,050	9,169 1,236 10,405	9,812 1,214 11,026	10,254 1,115 11,367	10,168 1,239 11,397	10,647 1,276 11,925	12,195 1,270 13,465			
TIRES	8 CENTS PER POUND FOR HIGHWAY TIRES, AND 5 CENTS PER POUND FOR "OTHER TIRES" (OTHER THAN HIGHWAY TIRES) THROUGH JULY 31, 1981; 9 CENTS PER POUND FOR HIGHWAY TIRES AND 4 CENTS PER POUND FOR "OTHER TIRES" THROUGH DECEMBER 31, 1981; 9.75 CENTS PER POUND FOR HIGHWAY TIRES AND 4.875 CENTS PER POUND FOR "OTHER TIRES" JANUARY 1, 1981 THROUGH DECEMBER 31, 1982; 16 CENTS A POUND THROUGH JANUARY 1, 1983; \$10.50 PLUS 50 CENTS A POUND OVER 50 POUNDS THEREAFTER. FOR FISCAL YEAR 1957 ONLY, 3 CENTS PER POUND ON HIGHWAY TIRES ACCRUED TO THE TRUST FUND, EXCLUDES AVIATION TIRE TAX JULY 1, 1970 THROUGH SEPTEMBER 30, 1980 AND AFTER AUGUST 31, 1982.	HIGHWAYS	577	320	224	320	292	334	316			
INNER TUBES	9 CENTS PER POUND JULY 1, 1955 THROUGH JUNE 30, 1961; 10 CENTS PER POUND JANUARY 1, 1964 THROUGH DECEMBER 31, 1965; REPEALED EFFECTIVE JANUARY 1, 1984. NONE OF THE REVENUES ACCRUED TO THE TRUST FUND IN FISCAL YEAR 1957, JULY 1, 1957 THROUGH DECEMBER 31, 1957, AND FISCAL YEAR 1960, JULY 1, 1960 THROUGH DECEMBER 31, 1960, AND AFTER AUGUST 31, 1982.	HIGHWAYS	20	8	-1	-	-	-	-			
TREAD RUBBER	3 CENTS PER POUND JULY 1, 1955 THROUGH JUNE 30, 1961; 5 CENTS PER POUND JANUARY 1, 1965 THROUGH DECEMBER 31, 1983; REPEALED EFFECTIVE JANUARY 1, 1984.	HIGHWAYS	19	4	-1	-	-	-	-			
TRUCKS, BUSES AND TRAILERS	10 PERCENT OF MANUFACTURER'S WHOLESALE PRICE JULY 1, 1956 THROUGH MARCH 31, 1983; 12 PERCENT OF RETAILER'S SALES PRICE THEREAFTER. BUSES ARE EXEMPT FROM TAX EFFECTIVE APRIL 20, 1977. DURING FISCAL YEAR 1957, ONE FIFTH OF THE TAX ACCRUED TO THE TRUST FUND, ONE HALF OF THE TAX ACCRUED TO THE TRUST FUND DURING THE PERIOD JULY 1, 1957 THROUGH JUNE 30, 1962; ALL THEREAFTER.	HIGHWAYS	338	684	1,396	1,144	724	1,277	1,240			
FEDERAL USE	9 1/2 CENTS ANNUALLY PER 1,000 POUNDS GROSS WEIGHT FOR VEHICLES THAT WEIGH MORE THAN 75,000 POUNDS WHEN LOADED JULY 1, 1955 THROUGH JUNE 30, 1961; 13 CENTS ANNUALLY PER 1,000 POUNDS GROSS WEIGHT JULY 1, 1961 THROUGH JUNE 30, 1984 (1985 FOR OWNERS OF 5 OR LESS TRUCKS) 1 \$100.00 PLUS \$22.00 ANNUALLY PER 1,000 POUNDS GROSS WEIGHT THROUGH JUNE 30, 1985; 15 CENTS ANNUALLY PER 1,000 POUNDS GROSS WEIGHT THEREAFTER.	HIGHWAYS	236	180	379	533	620	581	608			
LUBRICATING OIL	6 CENTS PER GALLON EFFECTIVE JANUARY 1, 1966. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	HIGHWAYS	9	-10	-10	-1	-	-	-			
PARTS AND ACCESSORIES	8 PERCENT OF MANUFACTURER'S WHOLESALE PRICE OF TRUCK, TRUCK TRAILER AND BUS ACCESSORIES ARE EXEMPT FROM TAX EFFECTIVE DECEMBER 1, 1978. TAX REPEALED EFFECTIVE JANUARY 7, 1983.	HIGHWAYS	48	-28	1	1	-1	5/-	-1			
TOTAL FROM EXCISES		HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	7,777 820 8,297	10,507 1,236 11,743	11,900 1,214 13,014	12,251 1,115 13,364	11,793 1,239 13,032	12,836 1,278 14,114	14,368 1,270 15,628			
INTEREST ON INVESTMENTS		HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	1,076 2 1,078	1,026 89 1,115	1,106 206 1,312	1,054 283 1,337	994 344 1,338	809 384 1,193	778 469 1,246			
GRAND TOTAL		HIGHWAYS MASS TRANSIT ACCOUNT SUBTOTAL	8,852 822 9,375	11,533 1,325 12,858	12,906 1,420 14,326	13,305 1,386 14,701	12,278 1,563 14,310	13,645 1,662 15,307	15,134 1,739 16,873			

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

EXPENDITURE OF FEDERAL FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION DURING CALENDAR YEAR 1989

TABLE FR-3
MAY 1990

(THOUSANDS OF DOLLARS)

Table with columns: STATE, PRIMARY, SECONDARY, URBAN, INTERSTATE, INTERSTATE RESURFACING, EIGHTY-FIVE PERCENT MINIMUM ALLOCATION FUNDS, PLANNING AND RESEARCH, HIGHWAY SAFETY, BRIDGE REPLACEMENT, EMERGENCY RELIEF, OTHER Z/, FEDERAL-AID TOTAL, OTHER FUNDS 3/, TOTAL.

1/ EXCLUDES FOREIGN PROGRAMS AND THE COSTS OF OTHER FEDERAL AGENCIES' PROJECTS SUPERVISED BY FHWA BUT PAID BY THE OTHER AGENCIES. 2/ INCLUDES FEDERAL LANDS HIGHWAYS, ECONOMIC GROWTH CENTER AND OTHER CATEGORICAL PROGRAMS ADMINISTERED BY FHWA. 3/ INCLUDES BENEFICIATION, INTERSTATE SUBSTITUTION, AND OTHER MISCELLANEOUS FUNDS ADMINISTERED DIRECTLY BY FHWA AND EXPENDITURE OF FUNDS TRANSFERRED TO FHWA BY THE FOREST SERVICE, NATIONAL PARK SERVICE, APPALACHIAN DEVELOPMENT COMMISSION, BUREAU OF LAND MANAGEMENT, UMTRA, NATSEA, FRA, AND OTHERS. 4/ EXPENDITURES INVOLVING THE OR MORE STATES THAT CANNOT BE SEPARATED. 5/ INCLUDES ADMINISTRATION COSTS FOR FHWA INCLUDING THE OFFICE OF MOTOR CARRIERS.

GRAND TOTAL 2,169,287 408,181 823,972 4,057,004 2,548,807 805,723 214,941 308,944 67,669 730,196 13,420,068 207,340 13,627,408

APPORTIONMENT OF FEDERAL-AID HIGHWAY FUNDS AND OTHER FUNDS ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION FOR FISCAL YEAR 1990 (FY 1991 INTERSTATE)

TABLE FG-4 SEPTEMBER 1990

(THOUSANDS OF DOLLARS)

Table with columns: STATE, CONSOLIDATED PRIMARY, RURAL SECONDARY, URBAN SYSTEM, INTERSTATE, INTERSTATE 4R, TOTAL, INTERSTATE SUBSTITUTE FUNDS, EIGHTY-FIVE PERCENT MINIMUM ALLOCATION FUNDS, HAZARD ELIMINATION FUNDS, ELIMINATION OF HAZARDS AT RAIL-HIGHWAY CROSSINGS, BRIDGE REPLACEMENT AND REHABILITATION FUNDS, HIGHWAY SAFETY PROGRAMS, METRO-POLITAN PLANNING, TOTAL 4/.

1/ APPORTIONED PURSUANT TO THE SURFACE TRANSPORTATION AND INTERSTATE RELOCATION ASSISTANCE ACT OF 1987... 2/ INCLUDING REPAIRS TO BRIDGES, TRANSPORTATION... 3/ INCLUDING REHABILITATION, RESTORATION AND RECONSTRUCTION... 4/ INCLUDES \$9.7 MILLION ADMINISTERED BY THE FEDERAL HIGHWAY ADMINISTRATION... 5/ DOES NOT INCLUDE \$4.5 MILLION SET ASIDE FOR COMMERCIAL VEHICLE DRIVER LICENSING PROGRAMS... 6/ DOES NOT INCLUDE FUNDS FROM THE FOLLOWING PROGRAMS: EMERGENCY RELIEF, FOREST HIGHWAYS...

APPORTIONMENT FORMULAS - FEDERAL-AID HIGHWAY PROGRAM¹

FISCAL YEAR 1990

 LEGISLATION AND STRATEGIC PLANNING DIVISION
 OFFICE OF POLICY DEVELOPMENT

 TABLE FA-4A
 MAY 1990

FUND	FACTORS	WEIGHT	STATUTE 2/	MINIMUM APPOINTMENT
INTERSTATE SYSTEM (FOR COMPLETION ONLY)	RELATIVE FEDERAL SHARE OF COST TO COMPLETE THE SYSTEM 3/	1	104(b)(5)(A)	1/2 PERCENT (INCLUDING ALASKA)
INTERSTATE RESURFACING, RESTORATION, REHABILITATION AND RECONSTRUCTION (4R)	INTERSTATE SYSTEM LANE MILES VEHICLE MILES TRAVELED ON INTERSTATE SYSTEM	55% 45%	104(b)(5)(B)	1/2 PERCENT
INTERSTATE SUBSTITUTE HIGHWAY PROJECTS	RELATIVE FEDERAL SHARE OF COST TO COMPLETE THE PROJECTS 4/	1	103(e)(4)	NO MINIMUM
PRIMARY SYSTEM	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 APPOINTMENT EQUALS: A OR B X TOTAL PRIMARY AUTHORIZATION SUM OF ALL STATES' A OR B EXCEPT THAT: THE APPOINTMENT 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 APPOINTMENTS IN EACH FISCAL YEAR AND ALLOCATIONS FROM THE PRIOR FISCAL YEAR FOR FEDERAL-AID HIGHWAY PROGRAMS SHALL NOT BE LESS THAN 85 PERCENT OF THE PERCENTAGE OF ESTIMATED TAX CONTRIBUTIONS TO THE HIGHWAY TRUST FUND, NOT INCLUDING THE MASS TRANSIT ACCOUNT (23 U.S.C. 157).

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

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

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

5/ PLACES OF 5,000 OR MORE PERSONS.

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

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

RECEIPTS AND EXPENDITURES FOR HIGHWAYS BY FEDERAL AGENCIES - SUMMARY - 1989

TABLE FAS-5
OCTOBER 1990

(MILLIONS OF DOLLARS)

AGENCY AND FUND	RECEIPTS					EXPENDITURES FOR HIGHWAYS							GRAND EXPENDITURES						
	AUTO-MAINTENANCE EXCISES	GENERAL APPROPRIATIONS	TIMBER SALES	OTHER	TOTAL	PAYMENTS TO STATES AND D.C.			DIRECT EXPENDITURES										
						FEDERAL- AID AND OTHER REIMBURSEMENTS	FOR STATE AND LOCAL GOVERNMENTS	TOTAL 2/	PAYMENTS TO FEDERAL GOVERNMENTS	CAPITAL OUTLAY	MAINTENANCE	ADMINISTRATION AND RESEARCH		TOTAL DIRECT					
FEDERAL HIGHWAY ADMINISTRATION																			
HIGHWAY TRUST FUND	14,120.1	-	-	3/ 897.9	3/ 15,018.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INTERSTATE AND FAP, FAS, FAU FUNDS	-	-	-	-	-	9,530.1	274.2	9,804.3	49.9	-	-	-	-	209.2	-	-	-	-	10,053.4
BRIDGE REPLACEMENT FUNDS	-	-	-	-	-	1,490.1	-	1,490.1	2.4	-	-	-	-	0.9	-	-	-	-	1,493.4
OTHER FEDERAL-AID FUNDS 4/	-	-	-	-	-	5/ 1,672.7	-	1,672.7	6.2	-	-	-	-	16.0	-	-	-	-	1,705.1
FEDERAL LANDS HIGHWAYS	-	-	-	-	-	40.7	274.2	314.9	23.7	8.4	10.2	-	-	0.6	-	-	-	-	168.1
TOTAL	-	-	-	-	-	12,733.6	274.2	13,007.8	58.5	101.5	127.0	-	226.7	-	-	-	-	-	13,420.0
GENERAL FUND																			
RAILROAD CROSSING DEMONSTRATION	-	9.7	-	-	9.7	9.7	-	9.7	-	-	-	-	-	-	-	-	-	-	9.7
OTHER FEDERAL FUNDS 6/	-	64.0	-	-	64.0	43.2	-	43.2	1.7	-	0.7	-	18.4	-	-	-	-	-	64.0
INTERSTATE SUBSTITUTION	-	16.7	-	-	16.7	16.7	-	16.7	-	-	-	-	-	-	-	-	-	-	16.7
TOTAL	-	90.4	-	-	90.4	69.6	-	69.6	1.7	0.6	0.7	-	18.4	-	-	-	-	-	90.4
FUNDS TRANSFERRED FROM OTHER AGENCIES:																			
FOREST SERVICE	-	1.9	-	-	1.9	-	-	-	-	-	0.7	-	0.1	-	-	-	-	-	1.9
PARK SERVICE	-	25.6	-	-	25.6	-	-	-	-	-	10.7	-	14.0	-	-	-	-	-	25.6
APPALACHIAN DEVELOPMENT	-	64.7	-	-	64.7	63.4	-	63.4	-	-	-	-	-	-	-	-	-	-	64.7
DEPARTMENT OF DEFENSE 7/	-	18.5	-	-	18.5	14.0	-	14.0	-	-	0.8	-	3.4	-	-	-	-	-	18.5
BUREAU OF LAND MANAGEMENT	-	1.4	-	-	1.4	-	-	-	-	-	0.3	-	1.1	-	-	-	-	-	1.4
OTHER 8/	-	5.0	-	-	5.0	5.0	-	5.0	-	-	-	-	-	-	-	-	-	-	5.0
TOTAL TRANSFERRED FUNDS	-	117.1	-	-	117.1	82.4	-	82.4	-	-	12.5	-	19.6	-	-	-	-	-	117.1
TOTAL FUNDS ADMINISTERED BY FHWA	14,120.1	207.5	-	897.9	15,225.5	12,885.6	274.2	13,159.8	60.2	121.7	159.8	-	247.7	-	-	-	-	-	13,627.5
FOREST SERVICE 10/																			
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION 11/	-	-	439.5	-	439.5	1.0	180.5	181.5	3.0	191.0	191.0	-	64.0	-	-	-	-	-	439.5
NATIONAL PARK SERVICE	-	94.4	-	-	94.4	109.7	2.9	112.6	0.7	-	-	-	-	88.8	-	-	-	-	202.1
BUREAU OF INDIAN AFFAIRS	-	59.0	-	-	59.0	-	-	-	-	-	-	-	59.0	-	-	-	-	-	59.0
BUREAU OF RECLAMATION	-	22.1	-	-	22.1	0.1	-	0.1	-	-	-	-	22.0	-	-	-	-	-	22.1
U.S. CORPS OF ENGINEERS	-	122.7	-	-	122.7	58.7	-	58.7	-	-	-	-	84.0	-	-	-	-	-	122.7
BUREAU OF LAND MANAGEMENT	-	-	-	19.9	19.9	3.5	-	3.5	0.4	-	-	-	16.0	-	-	-	-	-	19.9
HOUSING AND URBAN DEVELOPMENT, COBDO	-	168.0	-	12/ 71.4	71.4	50.1	4.0	54.1	5.0	0.3	0.3	-	12.0	-	-	-	-	-	71.4
ALL OTHERS 13/	-	204.5	-	-	204.5	20.4	10.7	31.1	168.0	-	-	-	-	-	-	-	-	-	168.0
TOTAL, OTHER AGENCY FUNDS	-	670.7	439.5	91.3	1,201.5	243.5	198.1	441.6	341.5	280.3	280.3	-	157.0	-	-	-	-	-	1,309.2
GRAND TOTAL, ALL FUNDS	14,120.1	878.2	439.5	989.2	16,427.0	13,129.1	472.3	13,601.4	401.7	402.0	440.1	-	157.0	-	-	-	-	-	14,936.7

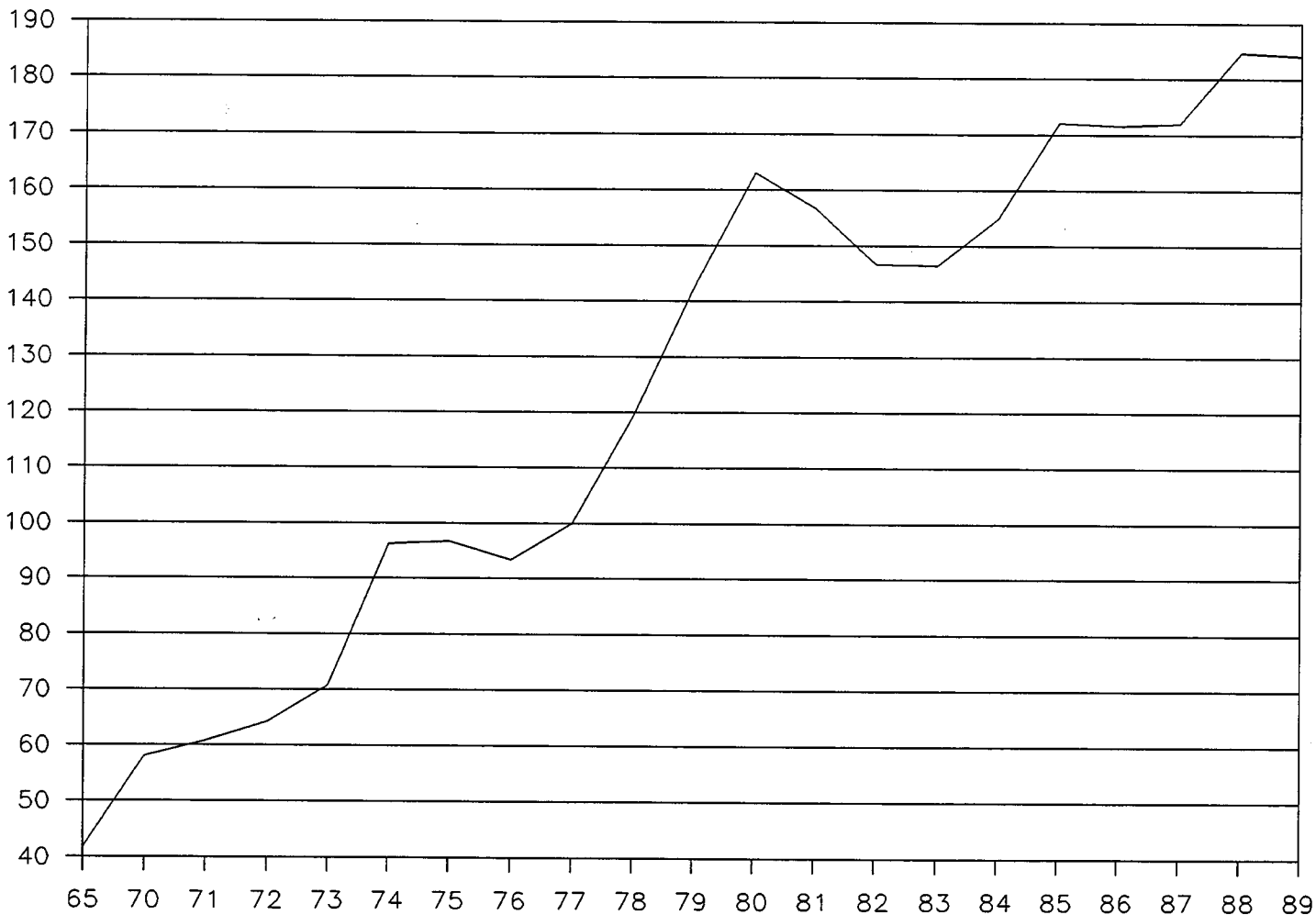
1/ FHWA AND NHTSA EXPENDITURES ARE FOR CALENDAR YEAR. ALL OTHER AGENCY EXPENDITURES ARE FOR FISCAL YEAR 1989.
 2/ DIFFERENCES BETWEEN AMOUNTS IN THIS COLUMN AND THOSE SHOWN ON TABLE SF-21 ARE DUE TO FUNDS IN TRANSIT.
 3/ INCLUDES FROM TRUST FUND INVESTMENTS. TRUST FUND EXCLUDES MASS TRANSIT ACCOUNT.
 4/ INCLUDES EMERGENCY RELIEF, HIGHWAY SAFETY, 85% MINIMUM ALLOCATION, SPECIFIC DEMONSTRATION PROJECTS, AND OTHER PROGRAM FUNDS ADMINISTERED BY FHWA RESEARCH AND PLANNING.
 5/ INCLUDES FEDERAL LANDS HIGHWAYS TO PUBLIC RECREATION AREAS, TERRITORIAL HIGHWAYS TO PUBLIC RECREATION AREAS, AND OTHER PROGRAMS.
 6/ INCLUDES FEDERAL LANDS HIGHWAYS TO PUBLIC RECREATION AREAS, TERRITORIAL HIGHWAYS PROJECTS, RURAL PUBLIC TRANSPORTATION, MOTOR CARRIER SAFETY PROGRAMS, WASTE ISOLATION PILOT PROGRAM, ETC.
 7/ DOES NOT INCLUDE WORK PERFORMED WITHIN THE CONFINES OF MILITARY RESERVATIONS.
 8/ INCLUDES NORTHEAST CORRIDOR, COMMERCIAL DRIVER LICENSE GRANTS, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION.
 9/ INCLUDES TO AMERICAN SAVOR, GUAM, PUERTO RICO, VIRGIN ISLANDS AND NORTHERN MARIANAS.
 10/ EXCLUDES FOREST DEVELOPMENT TRAILS PROGRAM CONSIDERED TO BE FOR TIMBER ACCESS AND FOREST MANAGEMENT TRAILS NOT PROVIDING AN UNRESTRICTED PUBLIC FACILITY.
 11/ THESE HIGHWAY SAFETY FUNDS ARE ADMINISTERED PARTLY BY THE FEDERAL HIGHWAY ADMINISTRATION AND PARTLY BY OTHER AGENCIES.
 12/ INCOME FROM OIL AND MINERAL ROYALTIES.
 13/ INCLUDES FEDERAL EMERGENCY MANAGEMENT AGENCY, UMTRA, AND OTHER AGENCIES.

PRICE TRENDS FOR FEDERAL-AID HIGHWAY CONSTRUCTION¹

1977 BASE YEAR = 100

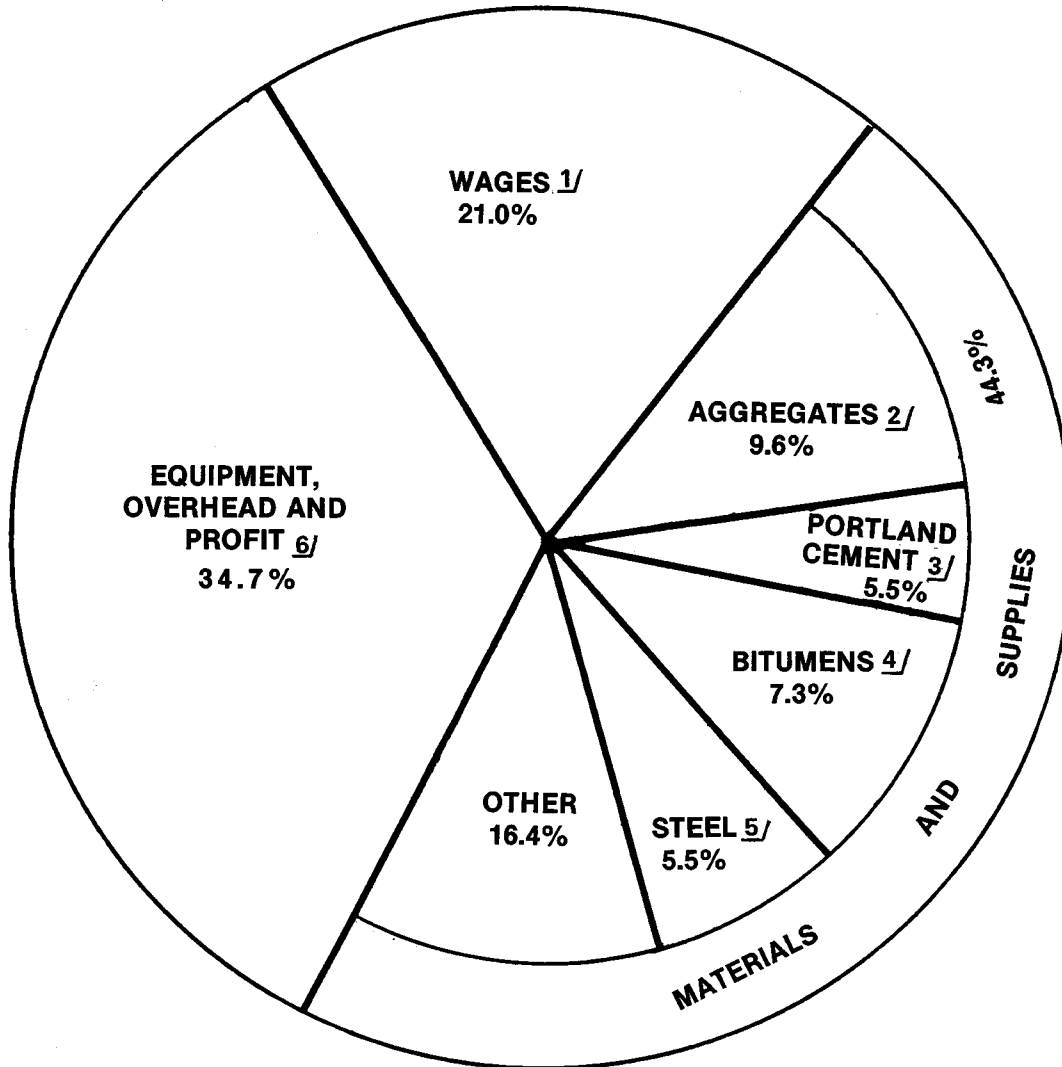
TABLE PT-1
SEPTEMBER 1990

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
1989	206.1	154.6	198.0	184.2



^{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 AND DESIGN DIVISION, OFFICE OF ENGINEERING.

DISTRIBUTION OF COSTS ON FEDERAL AID HIGHWAY CONSTRUCTION CONTRACTS OVER \$1,000,000 EXCLUDING ALL SECONDARY PROJECTS REPORTED DURING CALENDAR YEAR 1989 AS COMPLETED



- 1) Gross earnings of contractors' employees in the following classifications: Administrative and Supervisory, Skilled, Intermediate, and Unskilled labor.
 - 2) Aggregates consist of sand, gravel, slag, crushed stone, etc., for use in bases, portland cement concrete and bituminous surfaces, and portland cement concrete structures.
 - 3) For both roadway and structures.
 - 4) For various types of bituminous surfaces and bases.
 - 5) Includes structural, reinforcing, culvert and miscellaneous steel.
 - 6) Equipment includes fuel and lubricants 2.1%, but excludes operator's and mechanics' wages.
- Overhead includes contractors' on-site expenses such as mobilization, office rental, taxes, licenses, insurance, etc.

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

USAGE FACTORS FOR MAJOR HIGHWAY CONSTRUCTION MATERIALS AND LABOR¹

**U.S. WEIGHTED AVERAGES FOR ALL FEDERAL-AID HIGHWAY CONSTRUCTION
CONTRACTS OVER \$500,000. EXCLUDING ALL SECONDARY PROJECTS.
REPORTED AS COMPLETED DURING CALENDAR YEARS 1987, 1988, 1989**

FEDERAL-AID AND DESIGN DIVISION
OFFICE OF ENGINEERING, FHWA

TABLE PT-4
SEPTEMBER 1990

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

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

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

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

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

COST TRENDS

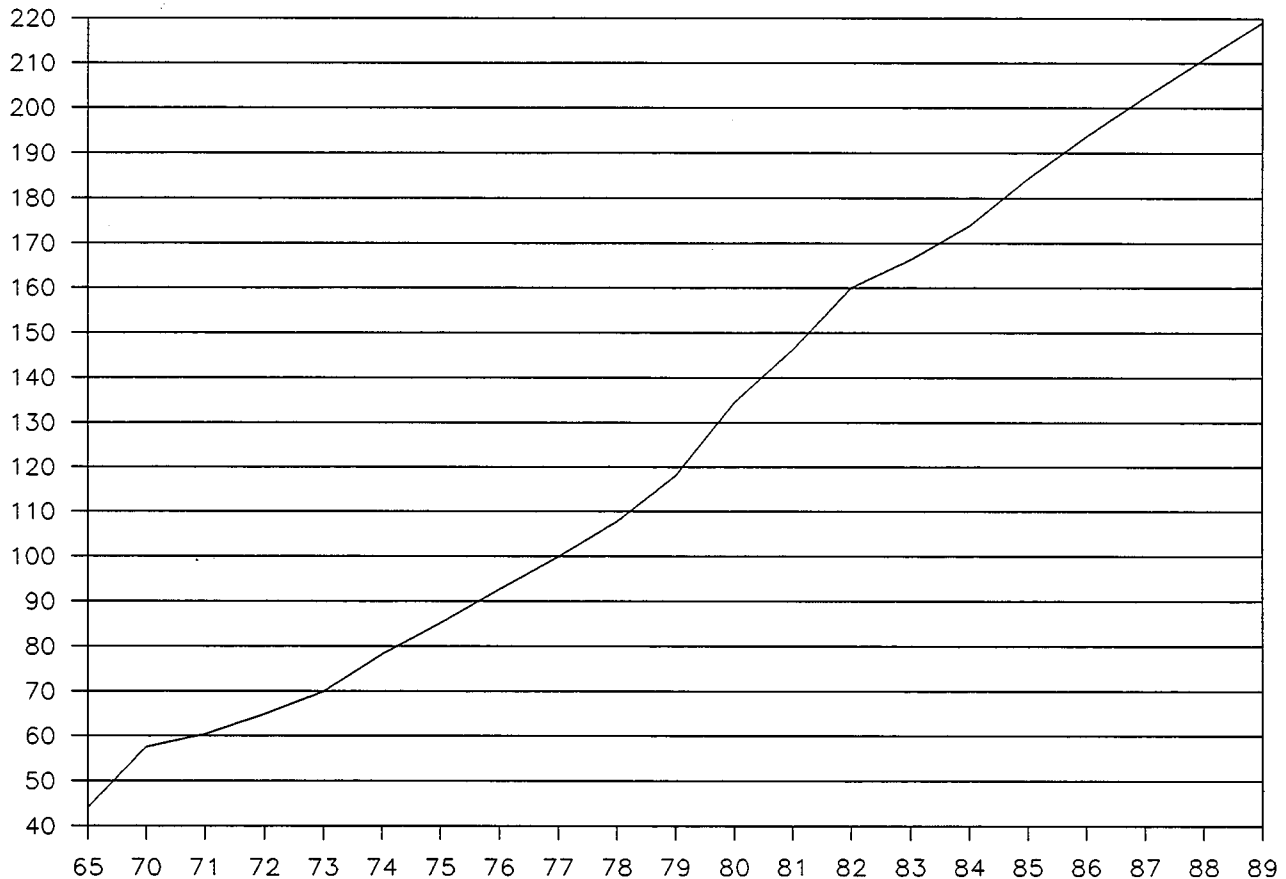
HIGHWAY MAINTENANCE AND OPERATION¹

CONSTRUCTION AND MAINTENANCE DIV.
OFFICE OF HIGHWAY OPERATIONS

1977 BASE YEAR = 100

TABLE PT-5
SEPTEMBER 1990

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	69.87	64.35	68.86	84.95	69.86
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
1989	209.63	177.59	254.43	256.10	219.09



^{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.

STATE MOTOR-FUEL TAXES AND RELATED RECEIPTS - 1989

TABLE NF-1
SEPTEMBER 1990

COMPILED FOR THE CALENDAR YEAR FROM REPORTS OF STATE AUTHORITIES AND OTHER SOURCES (THOUSANDS OF DOLLARS)

STATE	TAX RATE ON DECEMBER 31 IN CENTS PER GALLON 2/		RECEIPTS FROM TAXATION OF MOTOR FUEL										OTHER RELATED RECEIPTS					ADJUSTED NET TOTAL RECEIPTS (15)
	ORASOLINE	SPECIAL FUELS (DIESEL, BUTANE, ETC.) 3/	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
ALABAMA	13	14 4 12																
ALASKA	19	9 4 0																
ARIZONA	13-5	12-5 4 11-5																
CALIFORNIA	9	9 4 6																
COLORADO	20	20 5																
CONNECTICUT	20	20 8																
DELAWARE	16	16 8																
DIST. OF COL.	9-7	9 7 4																
FLORIDA	7-5	11 4 7																
GEORGIA	18	18 5 4 16																
HAITI	11	11 4 7																
IOWA	18	18 5 4 16																
ILLINOIS	20	22-5 4 20																
INDIANA	15	15 4 16																
KANSAS	15	17 4 14																
KENTUCKY 2/	15	12 4 15																
LOUISIANA	17	16																
MAINE	16	16 11 14																
MARYLAND	18-5	18 5 4																
MASSACHUSETTS	11	11 4 5																
MICHIGAN	15	15 4																
MINNESOTA	20	20																
MISSISSIPPI	11	11 4 17																
MISSOURI	11	11 4																
MONTANA	20	20 4 0																
NEBRASKA	22	22																
NEVADA	18	20 4 11-22																
NEW HAMPSHIRE	16	13-5 4 5-25																
NEW JERSEY	10-5	10-5																
NEW MEXICO	16	16																
NEW YORK	8	10 4 8																
NORTH CAROLINA	20-9	20 9																
NORTH DAKOTA	16	16																
OHIO	16	16																
OKLAHOMA	16	13 4 16																
OREGON	16	16																
PENNSYLVANIA	16	16																
RHODE ISLAND	20	20																
SOUTH CAROLINA	16	16																
SOUTH DAKOTA	21	21																
TENNESSEE	15	15																
TEXAS	19	19																
UTAH	19	19																
VERMONT	15	15 4 0																
VIRGINIA 2/	17-7	17 7																
WASHINGTON	15	15 4 0																
WEST VIRGINIA	15-5	15 5																
WISCONSIN	20-8	20 8																
WYOMING	9	9 4 0																
TOTAL	B/ 14-19	B/ 14-76																
PERCENTAGE					100-00	0-46		99-54	1-04	0-62								

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

2/ FOR TAX RATES AS OF JANUARY 1, 1989, AND RATE CHANGES DURING THE YEAR SEE TABLE NF-1211.

3/ WHERE THE TAX RATES ARE SHOWN FOR A STATE IN THE FIRST APPLICABLE TO DIESEL FUEL AND THE SECOND TO LIQUEFIED PETROLEUM GASES, SOME STATES IMPOSE ADDITIONAL FEES IN LIEU OF GALLONAGE TAXES FOR VEHICLES REGISTERED USING SPECIAL FUELS. SUCH ADDITIONAL FEES ARE IN LIEU OF GALLONAGE TAXES FOR VEHICLES REGISTERED BY THE PUBLIC UTILITIES COMMISSION IN OREGON.

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

5/ THESE ARE PROCEEDS FROM TAXES ON NONHIGHWAY USES OF GASOLINE DEDICATED FOR THE IMPROVEMENT OF FACILITIES OTHER THAN HIGHWAYS. THEY ARE GENERALLY REVENUES FROM TAXES ON GASOLINE FOR AVIATION AND MARINE USE, BUT IN SOME STATES, INCLUDE TAXES ON GASOLINE USED IN OFF-HIGHWAY RECREATIONAL VEHICLES AND SHOWROOMS. IN CALIFORNIA, REVENUES FROM THE TAX ON GASOLINE USED FOR AGRICULTURAL PURPOSES ARE SEPARATE. THESE ARE FEES FOR INSPECTION OF MOTOR-VEHICLE FUEL. INSOFAR AS POSSIBLE, FEES FOR INSPECTION OF FUELS NOT USED ON HIGHWAYS HAVE BEEN ELIMINATED.

6/ A 2 PERCENT SURTAX IS IMPOSED ON GASOLINE AND 4.7 PERCENT ON SPECIAL FUELS PURCHASED FOR ANY VEHICLE WITH 3 OR MORE AXLES IN KENTUCKY. MOTOR FUEL USED BY MOTOR CARRIERS IN VIRGINIA IS TAXED AT 19.4 CENTS PER GALLON.

7/ 15-59 CENTS PER GALLON.

8/ THE WEIGHTED AVERAGE TAX RATE. THE WEIGHTED AVERAGE TAX RATE FOR GASOLINE WAS 15-59 CENTS PER GALLON.

STATE TAX RATES ON MOTOR FUEL - 1989¹

TABLE MF-121T
SHEET 1 OF 2
SEPTEMBER 1990

(CENTS PER GALLON)

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

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

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

- 1/ RATES IN EFFECT AS OF DECEMBER 31, 1989.
2/ INCLUDES 2 CENTS PER GALLON INSPECTION FEE.
3/ OWNERS OF VEHICLES REGISTERED IN THE STATE PAY AN ANNUAL DECAL FEE IN LIEU OF A GALLONAGE TAX.
4/ EXEMPTION FROM STATE MOTOR-FUEL TAX PROVIDED ALCOHOL WAS MADE IN THE STATE FROM AGRICULTURAL COMMODITIES PRODUCED WITHIN THE STATE. IN NEW JERSEY, THE ALCOHOL MUST BE GRAIN-DERIVED ETHYL ALCOHOL PRODUCED WITHIN THE STATE.
5/ EXCISE TAX ON ALCOHOL FUELS (ETHANOL OR METHANOL) CONTAINING NOT MORE THAN 15% GASOLINE OR DIESEL FUEL IS ONE-HALF THE RATE OF THE USE FUEL TAX FROM JANUARY 1, 1982 UNTIL JANUARY 1, 1994.
6/ A "GROSS RECEIPTS TAX" IS ASSESSED IN CONNECTICUT (2%), NEW YORK (2.75%), AND PENNSYLVANIA (6%).
7/ RATE CONSISTS OF A FIXED RATE OF 4 CENTS PER GALLON PLUS A 5 PERCENT SALES TAX APPLIED TO THE AVERAGE RETAIL PRICE OF MOTOR FUEL ESTABLISHED ANNUALLY BUT THE TAX CANNOT GO BELOW 5.7 CENTS PER GALLON.
8/ COUNTY TAX OF 4 TO 6.5 CENTS PER GALLON IS ALSO ADDED.
9/ COUNTY TAX OF 3.5 CENTS PER GALLON IS ALSO ADDED BUT EXEMPTED FROM SALES TAX.
10/ THERE IS AN ADDITIONAL 11 CENTS PER GALLON TAX ON DIESEL FUEL FOR MOTOR CARRIERS IN INDIANA AND AN ADDITIONAL 6 CENTS PER GALLON TAX ON DIESEL FUEL FOR MOTOR CARRIERS IN PENNSYLVANIA.
11/ "VARIABLE TAX." RATES ARE DETERMINED AT VARIOUS TIMES OF THE YEAR.
12/ A 2% SURTAX IS IMPOSED ON GASOLINE AND 4.7% ON SPECIAL FUELS FOR ANY VEHICLE WITH 3 OR MORE AXLES IN KENTUCKY. AN ADDITIONAL 2 CENTS PER GALLON SURTAX ON VEHICLES WITH A COMBINED LICENSED WEIGHT IN EXCESS OF 59,999 POUNDS IS IMPOSED. MOTOR FUEL USED BY MOTOR CARRIERS IS TAXED AT 19.5 CENTS PER GALLON IN VIRGINIA.
13/ LOUISIANA HAS A PRODUCER'S INCENTIVE CREDIT OF \$1.40 PER GALLON OF ETHANOL. MISSOURI HAS A PRODUCER'S INCENTIVE CREDIT OF 20 CENTS PER GALLON OF ETHANOL. IN OHIO, THE DEALER IS REFUNDED 20 CENTS PER GALLON OF EACH QUALIFIED FUEL (ETHANOL AND METHANOL) THAT IS BLENDED WITH UNLEADED GASOLINE. VIRGINIA HAS A PRODUCER'S INCENTIVE CREDIT OF 60 CENTS PER GALLON OF ETHANOL, NOT TO EXCEED \$6.5 MILLION IN ANY FISCAL YEAR.
14/ THERE IS A 6 CENTS PER GALLON DISCOUNT IF DIESEL FUEL IS DELIVERED INTO THE FUEL SUPPLY TANK OF A COMMERCIAL VEHICLE WHICH IS LICENSED (DECAL) AT THE RATE OF \$92 FOR A RESIDENT VEHICLE AND \$25 FOR A NONRESIDENT VEHICLE.
15/ A \$20.00 DECAL IS REQUIRED FOR ALL DIESEL VEHICLES.
16/ DIESEL FUEL BLENDED WITH RECOVERED OIL OR AGRICULTURALLY DERIVED ALCOHOL IS TAXED AT 13 CENTS PER GALLON.
17/ INCLUDES INSPECTION FEE OF 0.08 CENT PER GALLON.
18/ TAX IS PAID BY USERS FOR VEHICLES NOT UNDER THE JURISDICTION OF PUBLIC UTILITY COMMISSIONER. VEHICLES UNDER JURISDICTION OF PUBLIC UTILITY COMMISSIONER AND PAYING MOTOR-CARRIER FEES ARE EXEMPT FROM PAYMENT OF THE MOTOR-FUEL TAX.
19/ INCLUDES 1 CENT PER GALLON INSPECTION FEE.
20/ EXEMPTION FOR ETHANOL PRODUCED IN STATE IS A VARIABLE RATE WITH A MAXIMUM OF 4 CENTS PER GALLON. THE VARIABLE RATE IS SET QUARTERLY TO LIMIT THE TOTAL YEARLY EXEMPTION TO \$10,850,000.

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

TABLE SF-1 OCTOBER 1990

(THOUSANDS OF DOLLARS)

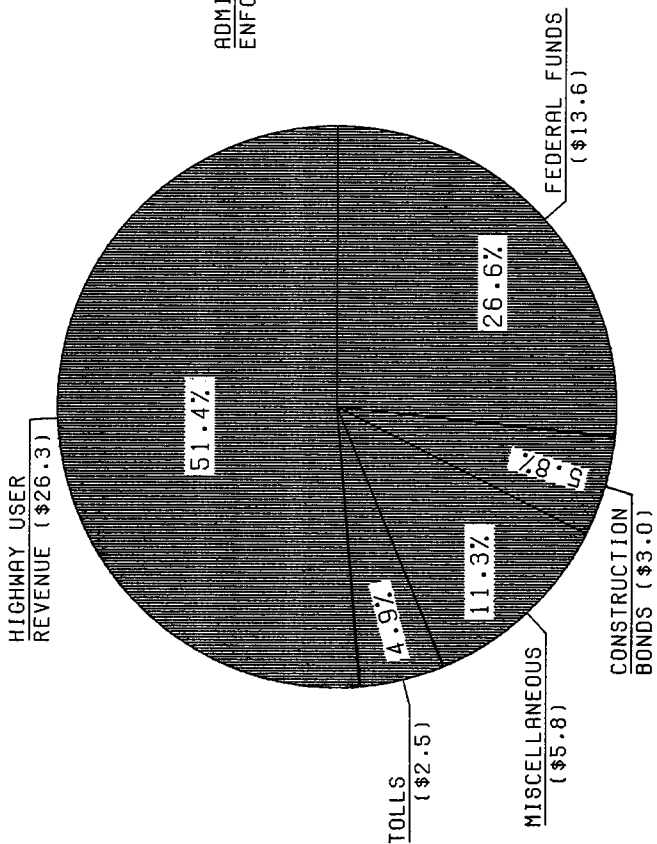
COMPILED FROM REPORTS OF STATE AUTHORITIES

Table with columns: STATE, BALANCE BEGINNING OF YEAR 2/, RESERVES CURRENT HIGHWAY WORK, RESERVES FOR DEBT SERVICE, TOTAL, HIGHWAY-USER REVENUES 3/, ROAD AND CROSSING TOLLS, APPROPRIATIONS FROM GENERAL FUNDS, OTHER STATE IMPOSTS, MISCELLANEOUS RECEIPTS, TOTAL, PAYMENTS FROM OTHER GOVERNMENTS (FEDERAL FUNDS, FROM COUNTIES AND TOWNSHIPS, FROM STATE AND LOCAL AGENCIES), ISSUE OF BONDS (FOR CAPITAL OUTLAY, FOR DEBT SERVICE AND REFUNDING), TOTAL RECEIPTS.

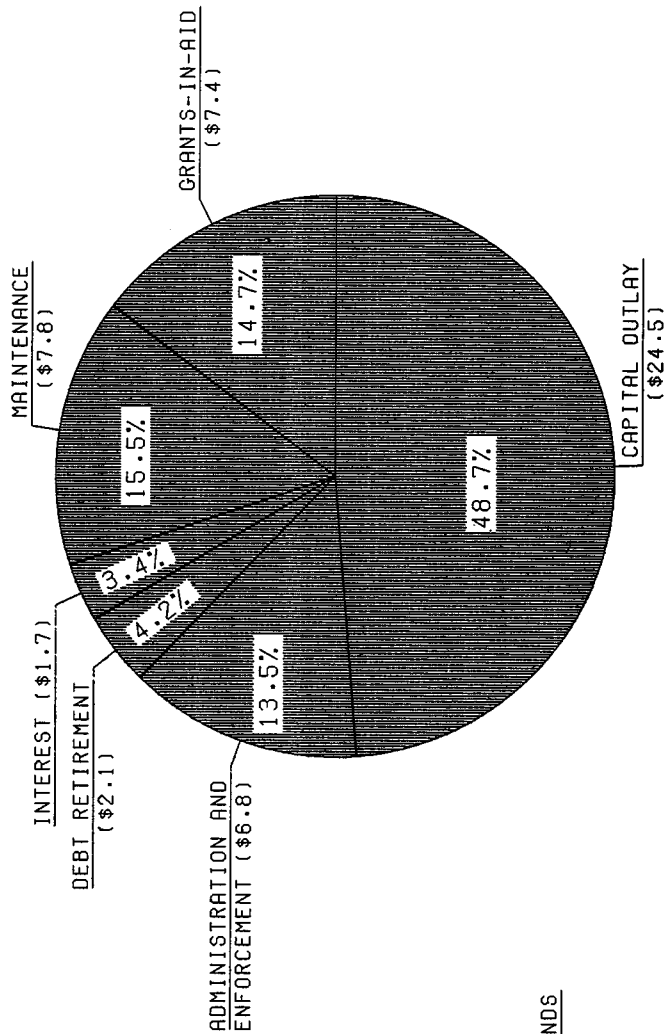
1/ SEE TABLE SF-2 FOR GENERAL NOTE ON SE SERIES. TABLES SF-1 AND 2 SUMMARIZE THE RECEIPTS AND DISBURSEMENTS OF (1) STATE HIGHWAY-USER REVENUES ALLOCATED FOR HIGHWAY PURPOSES EXCLUDING LOCAL COLLECTIONS, MASS TRANSPORTATION AND NONHIGHWAY ALLOCATIONS WHICH ARE SHOWN IN TABLE OF 1, AND (2) ALL OTHER NET RECEIPTS AND DISBURSEMENTS BY THE STATE FOR HIGHWAYS. 2/ CLOSING BALANCES ARE THE RESULT OF ACCOUNTING ADJUSTMENTS, INCLUDING OF FUNDS NOT PREVIOUSLY REPORTED. 3/ THE ENTRIES IN THESE COLUMNS ARE IDENTICAL WITH THE COMBINED RECEIPTS ALLOCATED FOR

STATE-ADMINISTERED HIGHWAYS AND FOR LOCAL ROADS AND STREETS SHOWN ON TABLES NF-3, MV-3, AND OF. 1/ TOTAL RECEIPTS USED FOR NONHIGHWAY PURPOSES HAVE BEEN OMITTED FROM TABLES SF-1 AND 2. FOR ADDITIONAL DETAIL, SEE TABLES SF-3B AND 4B. 2/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPROPRIATIONS FOR HIGHWAYS STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT. 3/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

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



RECEIPTS



DISBURSEMENTS

RECEIPTS FOR STATE-ADMINISTERED HIGHWAYS - 1989

TABLE SF-3
OCTOBER 1990

(THOUSANDS OF DOLLARS)

Table with columns: STATE, BALANCE BEGINNING OF YEAR Z/, RESERVES FOR DEBT SERVICE, TOTAL, HIGHWAY-USER REVENUES 3/, ROAD CROSSING TOLLS, APPROPRIATIONS FROM FEDERAL FUNDS, OTHER STATE IMPOSITIONS, MISCELLANEOUS RECEIPTS, TOTAL, PAYMENTS FROM OTHER GOVERNMENTS, FEDERAL FUNDS, FROM COUNTIES TOWNSHIPS, FROM PRIVATE UTILITIES, ISSUE OF BONDS (FOR DEBT SERVICE, CAPITAL OUTLAY, REFUNDING), TOTAL RECEIPTS. Rows include states like ALABAMA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, CONNECTICUT, DELAWARE, FLORIDA, GEORGIA, HAWAII, ILLINOIS, 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, OREGON, PENNSYLVANIA, RHODE ISLAND, SOUTH CAROLINA, SOUTH DAKOTA, TENNESSEE, TEXAS, UTAH, VERMONT, VIRGINIA, WASHINGTON, WEST VIRGINIA, WISCONSIN, WYOMING, TOTAL B/.

1/ SEE TABLE SF-2 FOR GENERAL NOTE ON USE SERIES. TABLES SF-3 AND 4 ARE CONCERNED SOLELY WITH RECEIPTS AND DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS AND BRIDGES. TABLES SF-5 AND 6 ARE CONCERNED SOLELY WITH DISBURSEMENTS OF THE STATE HIGHWAY DEPARTMENT FOR PRIMARY AND SECONDARY STATE HIGHWAYS AND COUNTY ROADS UNDER STATE CONTROL. THESE TABLES ALSO INCLUDE STATE HIGHWAY DEBT SERVICE TRANSACTIONS AND THE RECEIPTS AND DISBURSEMENTS FOR ROADS AND BRIDGES OF OTHER STATE AGENCIES. SUCH AS STATE PARK BORDERS AND SPECIAL STATE AND JOINT VENTURE PROJECTS. IN THE CASE OF THE STATES OF CALIFORNIA AND TEXAS, ONLY THE RECEIPTS AND DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS AND BRIDGES ARE REPORTED. IN THE CASE OF VERMONT, ONLY THE RECEIPTS AND DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS AND BRIDGES ARE REPORTED. IN THE CASE OF WYOMING, ONLY THE RECEIPTS AND DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS AND BRIDGES ARE REPORTED. 2/ THE BALANCE BEGINNING OF YEAR Z/ IS THE CLOSING BALANCE FROM THE PREVIOUS YEAR AS REPORTED IN THE ACCOUNTING ADJUSTMENTS, INCLUDING OF FUNDS NOT PREVIOUSLY REPORTED, ETC. 3/ THE ENTRIES IN THESE COLUMNS ARE IDENTICAL WITH THE TOTALS FOR STATE HIGHWAY PURPOSES ON TABLES MF-3, HV-3, AND OF, RESPECTIVELY. 4/ GROSS NONHIGHWAY ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST APPROPRIATIONS OUT OF THE STATE GENERAL FUNDS APPEAR IN TABLE D/ AND USE TAX, OIL ROYALTIES, MINERAL LEASES, USE (SALES) TAX ON MOTOR VEHICLES, INSPECTION FEES, NONHIGHWAY FUEL USE, GROSS RECEIPTS TAX ON MOTOR CARRIERS, C/TOBACCO TAX, SPECIAL FUELS TAX, AND NONHIGHWAY FUEL USE. 5/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS - 1989

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-4 OCTOBER 1990

Table with columns: STATE, CAPITAL OUTLAY FOR ROADS AND BRIDGES, MAINTENANCE AND TRAFFIC SERVICES, ADMINISTRATION AND MISCELLANEOUS, HIGHWAY ENFORCEMENT AND SAFETY, BOND INTEREST, SUBTOTAL CURRENT EXPENDITURES, BOND RETIREMENT, TOTAL DISBURSEMENTS, RESERVES CURRENT HIGHWAY WORK, RESERVES DEER SERVICE, TOTAL, and STATE.

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-3 AND 4 ARE CONCERNED SOLELY WITH RECEIPTS AND DISBURSEMENTS FOR STATE-ADMINISTERED ROADS AND BRIDGES. THE GENERAL NOTE ON TABLE SF-3 FOR EXTENT OF COVERAGE. 2/ THE GENERAL NOTE ON TABLE SF-4 FOR EXTENT OF COVERAGE. 3/ INCLUDES REDEMPTION BY REFUNDING. SEE TABLE SB-2 FOR STATES AND AMOUNTS. 4/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

DISBURSEMENTS FOR STATE-ADMINISTERED HIGHWAYS - 1989
CLASSIFIED BY FUNCTION

TABLE SF-4C
OCTOBER 1990

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

Main data table with columns: STATE, CAPITAL OUTLAY 2/, MAINTENANCE 2/, ADMINISTRATION AND RESEARCH, HIGHWAY LAW ENFORCEMENT AND SAFETY, and TOTAL. Rows list states from Alabama to Wisconsin, plus a TOTAL 4/ row.

1/ THIS TABLE GIVES A FURTHER SEGREGATION OF EXPENDITURES SHOWN ON TABLE SF-4, EXCLUSIVE OF EXPENDITURES FOR INTEREST AND RETIREMENT OF DEBT. 2/ TYPE OF IMPROVEMENT, HIGHWAY BEAUTIFICATION AND OTHER MISCELLANEOUS COSTS WHICH CANNOT BE PROPERLY CLASSIFIED AS CAPITAL OUTLAY OR MAINTENANCE COSTS. 3/ SEE TABLE SF-12 FOR EXPENDITURES BY FUNCTIONAL SYSTEMS AND TABLE SF-12A FOR EXPENDITURES BY TYPE OF IMPROVEMENT. 4/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE RECEIPTS APPLICABLE TO LOCAL ROADS AND STREETS - 1989¹

TABLE SF-5
OCTOBER 1990

(THOUSANDS OF DOLLARS)

STATE	BALANCE BEGINNING OF YEAR 2/		HIGHWAY-USER REVENUES 3/			CURRENT STATE INCOME 4/				PAYMENTS FROM OTHER GOVERNMENTS				ISSUE UP BONDS	TOTAL RECEIPTS
	RESERVES FOR HIGHWAY WORK	RESERVES FOR DEBT SERVICE	TOTAL	MOTOR-FUEL TAXES	MOTOR-VEHICLE AND CARRIER TAXES	TOTAL	APPROPRIATIONS FROM GENERAL FUNDS	OTHER STATE IMPOSTS 5/	MISCELLANEOUS RECEIPTS	TOTAL	FEDERAL HIGHWAY ADMINISTRATION	OTHER AGENCIES	FROM COUNTIES AND TOWNSHIPS		
ALABAMA 6/	-	-	-	128,500	38,023	166,523	60,388	11,560	1,347	179,430	-	802	-	-	180,232
ALASKA	14,127	-	14,127	200,251	127,936	328,187	-	-	2,391	330,578	8,761	2,893	-	-	341,732
ARIZONA	6,421	-	6,421	76,979	33,745	110,724	-	2,125	1,782	114,031	-	4,166	2,615	637	119,197
ARKANSAS	-	-	-	625,567	25,692	651,159	-	-	-	651,159	103,671	-	24,712	37,068	850,106
CALIFORNIA	-	-	-	34,800	149,985	184,785	-	18,583	-	203,368	17,800	-	2,904	5,987	230,957
COLORADO	-	-	-	19,675	10,217	29,892	-	-	-	29,892	-	-	-	-	29,892
CONNECTICUT	-	-	-	1,821	1,179	3,000	-	-	-	3,000	-	-	-	-	3,000
DELAWARE 6/	-	-	-	17,272	24,236	41,508	-	-	35	41,543	70,661	389	5,120	2,481	242,593
FLORIDA	4,509	-	4,509	238,129	4,379	242,508	-	-	4,842	247,350	-	1,433	-	-	248,783
GEORGIA	9,986	-	9,986	31,743	7,402	39,145	-	-	-	39,145	-	-	-	-	39,145
HAWAII	-	-	-	40,158	23,042	63,200	-	-	-	63,200	-	6,165	688	-	70,053
IDAHO	4,509	-	4,509	57,785	67,785	125,570	-	39,277	-	164,847	-	-	7,489	12,706	187,042
ILLINOIS	9,986	-	9,986	283,806	65,989	349,795	10,999	41,930	81	391,815	6,828	40	-	-	401,683
IOWA	-	-	-	183,618	100,722	284,340	-	-	-	284,340	18,986	-	-	-	303,326
KANSAS	18,351	-	18,351	77,416	39,188	116,604	-	12,093	-	128,697	39,618	-	5,253	4,458	158,026
KENTUCKY	-	-	-	112,986	57,579	170,565	-	22,778	-	193,343	-	1,325	604	241	195,513
LOUISIANA	-	-	-	19,678	18,093	37,771	-	-	-	37,771	-	16	-	-	37,787
MAINE	-	-	-	18,093	6,657	24,750	-	-	-	24,750	-	-	-	-	24,750
MARYLAND	-	-	-	240,617	2,488	243,105	-	-	3,527	246,632	27,091	-	8	-	274,723
MASSACHUSETTS	-	-	-	108,528	2,488	111,016	-	3,650	-	114,666	-	1,029	62	361	118,133
MICHIGAN	-	-	-	364,007	25,005	389,012	-	21,104	36,089	425,205	46,315	988	15,091	5,030	492,633
MINNESOTA	355,425	-	355,425	170,008	107,418	277,426	1,725	21,104	-	299,250	-	-	-	-	299,250
MISSISSIPPI	44,299	2,239	46,538	74,075	21,136	95,211	-	50,020	20	145,231	10,984	2,239	-	1,432	169,900
MISSOURI	1,982	-	1,982	90,436	20,966	111,402	-	30,482	234	142,118	22,853	1,316	364	3,685	157,030
MONTANA	-	-	-	20,133	2,278	22,411	-	-	-	22,411	-	3,791	795	933	27,939
NEBRASKA	-	-	-	67,398	19,019	86,417	-	28,359	-	114,774	23,636	21	2,292	2,679	143,604
NEVADA	-	-	-	37,565	37,565	75,130	-	-	-	75,130	-	190	-	-	76,030
NEW HAMPSHIRE	-	-	-	4,252	2,488	6,740	-	-	-	6,740	-	268	-	-	7,008
NEW JERSEY	-	-	-	16,086	12,909	28,995	-	-	-	28,995	75,785	-	-	-	104,780
NEW MEXICO	-	-	-	11,448	25,955	37,403	-	-	-	37,403	-	1,183	1,122	-	39,710
NEW YORK	-	-	-	207,242	176,653	383,895	-	-	-	383,895	-	10	-	-	393,905
NORTH CAROLINA 6/	-	-	-	51,448	16,225	67,673	-	-	-	67,673	-	-	929	-	68,602
NORTH DAKOTA	-	-	-	35,223	17,493	52,716	-	1,330	124	54,170	3,782	98	4,842	4,066	62,858
OHIO	-	-	-	281,447	369,751	651,198	-	-	-	651,198	-	86	-	10,569	661,767
OKLAHOMA	68,021	-	68,021	107,383	40,852	148,235	-	23,745	-	171,980	26,572	601	1,953	-	174,513
OREGON	-	-	-	101,974	77,376	179,350	-	-	-	179,350	-	82,078	3,751	4,994	265,173
PENNSYLVANIA	-	-	-	178,532	48,534	227,066	-	-	-	227,066	29,894	2,666	-	-	239,626
RHODE ISLAND	-	-	-	1,126	1,126	2,252	-	-	-	2,252	-	-	-	-	2,252
SOUTH CAROLINA	-	-	-	20,008	4,229	24,237	-	-	-	24,237	-	1,166	-	-	25,403
SOUTH DAKOTA	-	-	-	4,462	18,673	23,135	-	1,141	-	24,276	12,074	849	2,486	-	27,685
TENNESSEE	-	-	-	247,639	6,900	254,539	-	12,017	-	266,556	-	219	-	2,770	269,545
TEXAS	-	-	-	7,639	72,681	80,320	-	-	-	80,320	-	1,008	-	-	81,328
UTAH	-	-	-	44,549	5,934	50,483	2,981	-	-	53,464	343	7,373	1,400	-	62,580
VIRGINIA 6/	-	-	-	104,708	60,795	165,503	-	-	-	165,503	-	213	-	-	165,716
WASHINGTON	27,273	-	27,273	196,187	3,788	200,000	-	-	1,637	201,637	40,676	23,857	-	-	266,170
WEST VIRGINIA 6/	-	-	-	174,875	43,293	218,168	-	-	-	218,168	-	384	10,101	-	228,653
WISCONSIN	14,661	-	14,661	17,524	8,921	26,485	-	-	177	26,662	39,219	4,701	13,779	-	45,351
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL 7/	565,035	32,791	597,826	5,350,930	2,307,774	7,658,704	66,093	319,594	52,187	8,096,578	645,027	192,616	121,092	116,695	9,338,827

1/ SEE TABLE SF-2 FOR GENERAL NOTE ON SF SERIES. TABLES SF-5 AND 6 ARE CONCERNED SOLELY WITH STATE RECEIPTS AND DISBURSEMENTS APPLICABLE TO COUNTY AND OTHER LOCAL ROADS AND STREETS 2/ ANY DIFFERENCES BETWEEN BEGINNING BALANCES AND PREVIOUS YEAR'S CLOSING BALANCES ARE THE RESULT OF ACCOUNTING ADJUSTMENTS. INCLUSION OF FUNDS NOT PREVIOUSLY REPORTED, ETC. 3/ THE ENTRIES IN THESE COLUMNS ARE IDENTICAL WITH THE TOTALS FOR LOCAL ROADS AND STREETS ON TABLES HF-3, HV-3, AND DF, RESPECTIVELY. 4/ APPROXIMATE ALLOCATIONS OF HIGHWAY-USER REVENUES THAT WERE OFFSET AGAINST SALES TAX, GAME AND FISH LICENSES, LICENSING OF MOTOR VEHICLES, AIRCRAFT TAX, AND TAX ON SPECIAL FUELS. 5/ COUNTY ROADS ARE UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WV. 6/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

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

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

TABLE SF-6
OCTOBER 1990

Table with columns: STATE, COUNTY AND TOWNSHIP ROADS 2/, MUNICIPAL STREETS 2/, SUMMARY OF STATE DISBURSEMENTS FOR LOCAL ROADS AND STREETS, and BALANCE END OF YEAR. Rows include states like ALABAMA, ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, CONNECTICUT, DELAWARE, DIST. OF COL., FLORIDA, GEORGIA, HAWAII, IOWA, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MAINE, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, MONTANA, NEBRASKA, NEVADA, NEW JERSEY, NEW MEXICO, NEW YORK, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, RHODE ISLAND, SOUTH CAROLINA, SOUTH DAKOTA, TENNESSEE, TEXAS, UTAH, VERMONT, VIRGINIA, WASHINGTON, WEST VIRGINIA, WISCONSIN, WYOMING, and TOTAL. Each row contains multiple columns of financial data.

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-5 AND 6 ARE CONCERNED SOLELY WITH STATE RECEIPTS AND DISBURSEMENTS APPLICABLE TO COUNTY AND OTHER LOCAL ROADS AND STREETS UNDER STATE CONTROL. 2/ FOR PURPOSES OF THIS TABLE THE FOLLOWING COUNTIES ARE CLASSIFIED AS MUNICIPALITIES: SAN FRANCISCO, CO. (2); ALBUQUERQUE, N.M. (1); BROWARD, FLA. (1); BUTTE, WY. (1); BROWN, N.Y. (1); KINGS, N.Y. (1); NEW YORK, N.Y. (QUEENS, NY; SUTHERLAND, NY); PHILADELPHIA, PA. (1); WASHINGTON, D.C. (1); WYOMING, WY. (1). 3/ FOR EXTENDitures ON ROADS UNDER STATE CONTROL IN AL (TEN COUNTIES), DE, NC, VA (ALL BUT TWO COUNTIES), AND WV. 4/ INCLUDES EXPENDITURES ON FEDERAL-AID PROJECTS THAT ARE LOCATED OFF THE STATE SYSTEM. 5/ IN MANY STATES, THE GRANT TO COUNTY LOCAL TO COMPLETION OF LOCAL ROAD BONDS. SEE TABLE SF-5 FOR MORE INFORMATION. 6/ EXPENDITURES ON STREETS OR SERVICE FORING MUNICIPAL EXTENSIONS OF THE STATE SYSTEMS ARE INCLUDED UNDER THIS CATEGORY. 7/ THIS COLUMN INCLUDES THE FOLLOWING: (A) STATE-ADMINISTERED HIGHWAYS (TABLE SF-4); (B) STATE-ADMINISTERED LOCAL STREETS (TABLE SF-4); (C) OTHER, WHICH INCLUDES THE FOLLOWING: (1) ADMINISTRATION, ENGINEERING AND SURVEILLANCE (\$1,377,000); (2) POLICE AND SAFETY (\$9,279,000); (3) HIGHWAY BOND INTEREST (\$7,207,035); AND (4) HIGHWAY BOND REDEMPTION (\$3,333,000). 8/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1989

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

CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12
SHEET 2 OF 3
OCTOBER, 1990

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	CAPITAL OUTLAY					MAINTENANCE					TOTAL	
	INTERSTATE	OTHER FREWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	TOTAL	INTERSTATE	OTHER FREWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL		COLLECTOR
ALABAMA	11,875	-	2,405	1,722	290	14,541	640	-	4,267	6,400	1,600	12,906
ALASKA	1,789	-	9,891	8,126	5,654	25,460	-	-	-	-	-	-
ARIZONA	24,152	-	7,451	23,088	10,836	65,507	495	-	356	229	186	1,205
ARKANSAS	3,785	3,743	18,271	3,436	3,593	32,808	543	669	1,771	1,725	529	5,227
CALIFORNIA	10,946	-	9,073	7,342	-	27,360	2,840	-	9,243	682	204	12,979
COLORADO	521	1	4,347	196	3	4,865	34	425	1,052	1,052	-	4,780
CONNECTICUT	-	-	4,579	162	882	5,623	-	-	359	317	1,147	1,863
DELAWARE	-	-	6,153	10,261	7,668	24,081	-	-	-	-	183	869
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	2,429	973	19,491	11,051	1,705	30,542	764	238	4,416	4,416	3,529	8,081
GEORGIA	226	3,417	23,595	5,026	-	33,728	130	1,075	4,155	4,155	-	14,136
HAWAII	-	-	3,899	603	-	8,146	-	-	335	153	-	1,633
IDAHO	1,442	3,983	1,113	1,943	2,332	6,830	453	-	375	192	14	1,034
ILLINOIS	4,235	3,463	43,462	3,598	2,872	55,760	637	133	4,318	2,848	2,181	10,777
IOWA	5,079	-	26,156	150	-	37,222	574	900	1,667	-	-	12,606
IOWA	-	-	58,126	-	-	58,126	-	-	8,361	-	-	8,361
KANSAS	187	201	5,296	4,955	3,429	14,067	897	585	4,459	119	1	6,001
KENTUCKY	604	153	1,367	7,257	7,068	16,355	3,319	76,522	4,179	58	479	84,586
LOUISIANA	92	-	9,579	1,548	1,660	10,430	38	121	889	904	1,265	3,216
MAINE	2,169	-	4,055	1,938	1,660	9,882	-	-	-	-	-	-
MARYLAND	27,715	26,260	4,010	2,397	18	60,400	728	-	-	-	34	4,249
MASSACHUSETTS	223	3,665	2,356	922	86	7,451	37,122	1,146	1,795	546	-	45,813
MICHIGAN	140,878	1,738	30,260	974	-	173,849	458	774	7,976	257	-	181,212
MINNESOTA	-	118	4,169	831	-	5,119	-	-	5,471	375	20	7,012
MISSISSIPPI	313	7,836	7,096	2,895	745	18,886	324	264	264	275	27	1,154
MISSOURI	1,956	19,548	1,865	2,157	1,293	28,797	2,462	938	4,867	2,600	493	11,300
MONTANA	-	-	1,607	1,258	143	3,467	15	173	530	21	525	1,075
NEBRASKA	-	3	8,602	1,258	44	8,863	-	-	3,292	41	1	3,522
NEVADA	1,754	22	10,229	4,560	2,693	17,482	76	368	1,666	158	204	438
NEW HAMPSHIRE	3,093	-	182	943	319	3,220	465	-	2,809	2,809	3,002	8,300
NEW JERSEY	2,012	-	11,927	1,160	-	4,253	198	-	2,611	1,038	856	5,439
NEW MEXICO	-	-	-	821	51	14,811	933	-	-	-	-	-
NEW YORK	115	9,231	17,037	19,130	3,596	49,109	294	254	1,314	1,098	1,190	4,140
NORTH CAROLINA	469	7,076	23,052	14,961	1,501	47,058	545	3,291	3,475	2,237	790	10,338
NORTH DAKOTA	-	-	1,839	294	83	2,216	100	-	213	-	-	313
OHIO	8,226	3	4,974	6,677	1,328	21,208	725	171	1,196	1,181	1,709	4,981
OKLAHOMA	2,800	1,334	7,057	4,453	4,412	20,066	-	-	-	-	-	-
OREGON	13,322	1,116	24,797	5,633	4,412	68,553	4,226	33,631	34,963	66,858	810	140,488
PENNSYLVANIA	5,461	-	15,734	13,949	9,565	53,313	-	-	-	-	-	-
RHODE ISLAND	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	13,626	4	52,203	13,782	6,870	86,485	472	-	6,781	1,440	1,512	10,205
SOUTH DAKOTA	-	-	2,729	808	1,735	5,272	315	-	1,111	56	-	1,482
TENNESSEE	16,871	5,495	4,781	6,313	3,181	14,275	-	-	5,298	7,064	-	12,362
TEXAS	-	-	55,507	6,233	1,091	65,257	11,902	3,295	13,923	13,855	25,866	68,642
UTAH	4,780	200	5,450	3,870	-	14,300	2,200	400	1,100	600	200	4,500
VERMONT	405	1,895	25,550	13,335	4,180	46,336	2,245	269	4,745	3,698	2,569	13,526
VIRGINIA	1,105	1,828	3,078	6,361	234	12,424	466	-	12,714	2,661	51	16,262
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA	61	2,092	1,649	3,750	139	7,701	875	430	1,163	816	263	3,647
WISCONSIN	1,458	1,986	7,982	2,893	2,089	14,565	304	608	2,840	2,840	-	10,150
WYOMING	1,757	-	3,475	1,508	2,089	8,829	721	-	3,597	544	953	8,815
TOTAL 2/ 3/	317,720	120,999	598,686	233,297	95,391	1,366,089	79,493	127,969	188,925	137,467	52,513	586,362
PERCENT 2/	23.26	8.86	43.82	17.08	6.98	100.00	13.56	21.82	32.22	23.44	8.96	100.00

STATE HIGHWAY AGENCY CAPITAL OUTLAY AND MAINTENANCE - 1989

IN URBANIZED AREAS (50,000 OR MORE POPULATION)

CLASSIFIED BY FUNCTIONAL SYSTEMS

TABLE SF-12
SHEET 3 OF 3
OCTOBER 1990

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

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
ALABAMA	139,464	93	17,028	15,232	1,099	171,916	6,933	-	693	160	-	7,786
ALASKA	21,368	181	21,992	8,348	7,937	47,849	-	-	-	-	-	1,956
ARIZONA	16,368	276,016	20,306	9,975	7,937	431,193	290	-	676	161	153	5,670
ARKANSAS	31,282	14,477	10,346	82,345	436	127,486	2,838	-	1,314	637	213	5,670
CALIFORNIA	380,126	285,451	322,469	4,028	2,081	994,166	57,885	34,848	27,107	3,127	-	122,967
COLORADO	50,286	21,726	30,809	9,783	1,868	114,563	6,585	5,161	11,885	3,081	-	27,514
CONNECTICUT	263,946	153,694	59,185	54,949	38,375	570,563	2,157	2,616	6,054	8,452	16,271	35,677
DELAWARE	21,262	1,179	1,179	18,344	17,768	58,553	22,557	-	734	401	-	24,071
DIST. OF COL.	17,725	-	20,325	9,714	13,266	61,031	10,006	-	22,181	15,527	-	56,924
FLORIDA	108,152	92,506	122,234	103,138	426,030	725,847	5,533	1,494	9,963	7,100	-	35,729
GEORGIA	98,991	48,958	103,065	18,722	6,109	275,847	2,331	1,273	1,684	3	-	5,312
HAWAII	73,381	7,625	6,238	131	16	87,390	-	-	-	-	-	-
IDAHO	5,572	201,657	68	20	6,604	12,264	439	805	339	105	-	1,889
ILLINOIS	247,352	7,017	283,799	81,416	8,042	822,267	81,748	1,456	34,245	38,476	16,766	172,691
INDIANA	5,641	1,115	9,115	19,654	11,314	150,745	5,076	1,227	12,146	1,715	62	20,225
IOWA	3,461	-	12,068	-	17,537	171,537	2,164	-	16,215	-	-	18,378
KANSAS	84,836	1,333	5,548	6,746	3,076	101,540	10,364	3,047	3,761	608	-	17,770
KENTUCKY	60,210	1,670	6,187	14,774	17,433	100,274	10,364	2,013	2,857	-	-	12,228
LOUISIANA	134,152	1,390	27,643	11,680	2,973	177,839	444	121	1,070	1,702	-	6,858
MAINE	3,969	-	5,433	4,998	1,726	16,126	429	-	-	-	-	5,468
MARYLAND	320,484	50,939	84,164	17,635	3,004	476,226	16,604	10,873	12,121	3,236	-	16,604
MASSACHUSETTS	130,420	9,578	83,417	26,202	5,230	254,848	22,929	1,622	8,291	434	-	49,593
MICHIGAN	75,987	6,465	6,987	1,236	-	190,676	48,403	3,964	7,842	102	105	52,074
MINNESOTA	222,936	29,210	33,419	24,647	-	309,811	9,353	3,964	7,824	6,005	369	27,515
MISSISSIPPI	10,843	18	9,078	12,933	1,094	33,966	534	129	728	59	22	1,472
MISSOURI	39,452	73,629	20,072	11,564	4,386	149,106	9,826	637	1,474	629	50	12,616
MONTANA	-	372	372	81	13	436	516	-	265	257	62	584
NEBRASKA	23,730	7,324	3,231	81	-	34,366	-	-	6,393	100	20	7,182
NEVADA	35,794	27,339	27,339	9,421	2,136	74,690	540	987	-	412	-	1,919
NEW HAMPSHIRE	5,017	7,251	10,192	615	46	23,120	699	368	930	2,206	-	7,322
NEW JERSEY	372,412	122,242	189,053	15,467	10,382	709,555	60,147	94,410	42,406	2,910	167	200,041
NEW MEXICO	16,090	5,876	5,876	4,827	634	27,627	-	-	-	-	-	-
NEW YORK	497,143	275,610	111,272	152,399	30,254	1,066,678	72,056	3,610	8,291	11,694	8,866	104,518
NORTH CAROLINA	18,942	14,147	32,613	14,482	4,733	84,916	2,861	1,071	2,383	5,561	1,636	13,512
NORTH DAKOTA	5,150	4,800	4,800	1,027	2,552	10,329	246	-	119	9	-	374
OHIO	127,107	13,408	99,784	33,749	22,840	296,888	23,665	619	3,566	5,006	7,426	40,282
OKLAHOMA	42,769	14,805	9,701	10,113	3,307	80,695	15,546	-	-	-	-	15,546
OREGON	82,909	220	17,564	1,705	3,707	104,705	40,369	-	-	-	-	318,161
PENNSYLVANIA	375,621	122,083	21,803	213,688	31,813	729,152	-	61,011	90,391	116,464	9,725	1,038
RHODE ISLAND	5,236	1,130	18,229	1,841	1,648	28,084	-	-	-	-	-	-
SOUTH CAROLINA	-	-	74	459	1,010	1,543	-	-	15	151	109	276
SOUTH DAKOTA	963	-	1,753	1,552	2,704	6,972	374	-	443	-	-	31,717
TENNESSEE	85,729	36,239	36,239	19,350	11,282	152,599	17,660	-	5,298	6,830	-	138,682
TEXAS	348,615	277,961	202,946	25,076	77,562	929,160	42,171	35,478	29,215	10,812	21,009	17,625
UTAH	35,379	550	19,471	11,500	6,700	73,600	11,322	500	3,300	2,100	403	16,625
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	187,913	26,387	125,155	82,806	8,902	431,144	35,342	13,542	23,882	23,996	12,310	109,073
WASHINGTON	219,142	18,335	18,702	19,460	849	276,487	8,672	5,909	4,554	1,001	-	50,130
WEST VIRGINIA	18,984	7,198	6,154	1,024	608	33,968	3,077	1,393	1,196	1,092	590	7,288
WISCONSIN	23,658	29,876	60,082	35,259	1,646	135,926	8,335	4,368	14,271	2,330	-	29,124
WYOMING	307	-	3,952	2,628	175	7,060	333	-	603	153	27	1,116
TOTAL 2/ 3/	5,333,317	2,249,381	2,372,987	1,153,292	379,688	11,488,655	689,345	307,487	439,473	293,559	112,151	1,822,017
PERCENT 2/	46.42	19.58	20.66	10.04	3.30	100.00	36.74	16.88	24.12	16.11	6.16	100.00

SECRETARY OF THE STATE HIGHWAY DEPARTMENT
1/ TABLE SF-12 SHOWS CAPITAL OUTLAY AND MAINTENANCE EXPENDITURES BY FUNCTIONAL SYSTEM, AND PERCENTAGE OF TOTAL CAPITAL OUTLAY AND MAINTENANCE EXPENDITURES FOR EACH STATE.
2/ THE TOTALS AND PERCENTAGES INCLUDE ONLY THE STATES SHOWN.
3/ TOTALS MAY NOT ADD DUE TO ROUNDING.
DIFFERENCES IN NATIONAL TOTALS BETWEEN THOSE IN OTHER TABLES IN THE SF SERIES, THE STATES NOT SHOWN WERE UNABLE TO REPORT DATA FOR THESE CATEGORIES.
TABLE SF-12 AND SF-12A ARE DUE TO ROUNDING.

STATE OBLIGATIONS FOR HIGHWAYS - 1989
OBLIGATIONS ISSUED OR ASSUMED DURING YEAR

TABLE 98-1
OCTOBER 1990

COMPILED FROM REPORTS OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATION 2/	DATED 3/	GROSS PROCEEDS OF SALES			POSTED INTEREST RATE %	SOURCE OF FUNDS FOR DEBT SERVICE 6/
			PAR VALUE	PREMIUM OR DISCOUNT	ACCRUED INTEREST 4/		
ALABAMA	ALABAMA CAPITAL IMPROVEMENT BONDS - 1989	10-01-88	14,200	-	-	6.4-6.5	STATE HIGHWAY FUNDS
CONNECTICUT	HIGHWAY RESURFACING - SERIES A	12-30-88	84	-	1	7.4	HIGHWAY-USER REVENUE
	HIGHWAY RESURFACING - SERIES B	6-19-88	3,000	-	9	6.5	HIGHWAY-USER REVENUE
	TRANSPORTATION IMPROVEMENT BONDS - SERIES A	8-18-88	3,400	-	9	6.5	HIGHWAY-USER REVENUE
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1988C	5-15-88	150,000	-1,379	543	7.15	HIGHWAY-USER REVENUE
	TRANSPORTATION INFRASTRUCTURE BONDS - SERIES 1989A	2-01-89	150,000	-1,413	465	7.08	HIGHWAY-USER REVENUE
	TOTAL	311,744	-2,792	1,044			
DELAWARE	JUNIOR REVENUE (REFUNDING) BONDS - 1988 SERIES	9-15-88	152,100	1,240	-	5.5-7.75	MOTOR-FUEL TAX, TOLLS
DISTRICT OF COLUMBIA	GENERAL REVENUE BONDS - SERIES 1989A	5-01-89	25,258	-	-	7.0-8.5	GENERAL REVENUE
	GENERAL REVENUE BONDS - SERIES 1989B	6-01-89	67,058	-	-	6.0-6.75	GENERAL REVENUE
	GENERAL REVENUE BONDS - SERIES 1989B	6-01-89	129,243	-	-	6.0-6.75	GENERAL REVENUE
FLORIDA	DADE COUNTY EXPRESSWAY BONDS - 1989	2-01-89	18,550	-1,350	627	7.3	TOLLS, MOTOR-FUEL TAX
	TURNPIKE REVENUE BONDS - 1989	4-01-89	219,250	-6,748	1913	7.3	TOLLS, MOTOR-FUEL TAX
	SEMI-ANNUAL COUNTY ROAD BONDS - 1989	5-01-89	18,980	-	-	5.2-7.7	TOLLS, MOTOR-FUEL TAX
	TOTAL		325,177	-6,498	1,440		
	GENERAL OBLIGATION (REFUNDING) BONDS - SERIES 80	6-01-89	12,744	-	-	7.0-7.1	GENERAL REVENUE
ILLINOIS	TRANSPORTATION BONDS - SERIES A - 1989	4-01-89	15,000	-84	-	7.2	HIGHWAY-USER REVENUE
	TRANSPORTATION BONDS - SERIES B - 1989	4-01-89	31,700	-981	-	6.5-6.6	GENERAL REVENUE
	TRANSPORTATION REFUNDING BONDS - 1989	11-01-89	97,700	-1048	-	6.97	LEASE RENTALS
	PARISH ROAD FUND - 1989	6-01-88	5,760	-	-	6.97	LEASE RENTALS
	PARISH ROAD FUND - 1989	6-01-88	6,700	-	-	6.97	LEASE RENTALS
	TOTAL	15,000	-	-	6.21	HIGHWAY-USER REVENUE	
MAINE	HIGHWAY AND BRIDGE LOAN BONDS - SERIES 1987	12-15-88	15,000	-	-	6.21	HIGHWAY-USER REVENUE
MARYLAND	COUNTY TRANSPORTATION BONDS - TELLTH SERIES - 1989	12-15-88	9,850	-93	7	6.0-6.625	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT LOAN ACT OF 1972	2-89 TO 6-89	7,455	-	-	6.6-7.5	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT LOAN ACT OF 1977	2-89 TO 6-89	160	-	-	6.4-7.5	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT LOAN ACT OF 1979	2-89 TO 6-89	310	-	-	6.4-7.5	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT LOAN ACT OF 1980	2-89 TO 6-89	630	-	-	6.6-7.5	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT LOAN ACT OF 1981	2-89 TO 6-89	9,120	-	-	6.6-7.5	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT LOAN ACT OF 1982	2-89 TO 6-89	9,120	-	-	6.6-7.5	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1983	4-89 TO 6-89	9,335	-	-	6.8-7.4	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1984	4-89 TO 6-89	1,160	-	-	6.8-7.4	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1987	4-89 TO 6-89	1,450	-	-	6.8-7.4	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT AND REPAIR LOAN ACT OF 1988	4-89 TO 6-89	380	-	-	6.8-7.4	HIGHWAY-USER REVENUE
	SUPPLEMENTARY HIGHWAY IMPROVEMENT LOAN ACT OF 1987	2-89 TO 6-89	62,315	-	-	6.9-7.15	HIGHWAY-USER REVENUE
	HIGHWAY IMPROVEMENT LOAN ACT OF 1988	2-89 TO 6-89	4,000	-	-	6.9-7.15	HIGHWAY-USER REVENUE
	TOWN AND COUNTYWAYS IMPROVEMENT LOAN ACT OF 1988	6-01-89	153,140	-	-	6.9-7.15	HIGHWAY-USER REVENUE
		TOTAL	198,780	-5,617	464		
MICHIGAN	STATE TRUNK LINE FUND BONDS - SERIES 1989A	12-01-89	145,070	-5,566	433	6.25-6.95	HIGHWAY-USER REVENUE
	TOTAL	145,070	-5,566	437			
MINNESOTA	STATE TRANSPORTATION BONDS - LANS OF 1989	8-01-89	2,000	-	5	6.5-7.25	GENERAL REVENUE
NEW JERSEY	BRIDGE REHABILITATION AND IMPROVEMENT BONDS - SERIES F	2-05-89	40,000	-	-	7.1-7.3	GENERAL REVENUE
	SENIOR PRIMARY REVENUE BONDS (REFUNDING) BONDS - SERIES 1989	5-01-89	152,405	-	-	8.0-7.3	TOLLS
	SENIOR PRIMARY REVENUE BONDS (REFUNDING) BONDS - SERIES 1989	9-01-89	75,000	-	-	8.0-7.3	TOLLS
	TOTAL	277,405	-	-			
NEW YORK	TRANSPORTATION INFRASTRUCTURE REVENUE BONDS - 1989	2-01-89	39,870	-	-	7.2-6.8	GENERAL REVENUE
	TRANSPORTATION INFRASTRUCTURE REVENUE BONDS - 1989	11-01-89	150,000	-	-	6.75-7.0	GENERAL REVENUE
	TRANSPORTATION INFRASTRUCTURE REVENUE BONDS - 1989	6-15-89	48,000	-	-	6.75-7.0	GENERAL REVENUE
	TRANSPORTATION INFRASTRUCTURE REVENUE BONDS - 1989	1-17-89	130,000	-537	-	6.875-7.0	GENERAL REVENUE
	BRIDGE SYSTEM REVENUE BONDS - 1989	1-17-89	400,720	-537	-	6.2-7.0	TOLLS
	TOTAL		808,690	-1,074	-		
OKLAHOMA	TURNPIKE AUTHORITY FIRST SENIOR REVENUE BONDS - SERIES 1989	2-01-89	395,400	-8,608	-	6.0-7.875	TOLLS, MOTOR-FUEL TAX
	TURNPIKE AUTHORITY SUBORDINATE REVENUE BONDS - SERIES 1989	2-01-89	171,000	-9,867	-	6.0-7.875	TOLLS, MOTOR-FUEL TAX
	TOTAL		566,400	-18,475	-		
PENNSYLVANIA	GENERAL OBLIGATION BONDS (BRIDGES), 1ST SERIES 81-1989	6-01-89	34,000	-	-	6.5-6.6	GENERAL REVENUE
	GENERAL OBLIGATION BONDS (BRIDGES), 2ND SERIES 81-1989	6-01-89	39,000	-397	130	6.5	GENERAL REVENUE
	GENERAL OBLIGATION BONDS (BRIDGES), 3RD SERIES 81-1989	11-01-89	38,693	-455	148	6.5	GENERAL REVENUE
	TURNPIKE BONDS - SERIES 1989A	2-01-89	241,487	-2,795	-	6.5-7.375	TOLLS
	TURNPIKE BONDS - SERIES 1989B	7-01-89	120,542	-52,465	-	7.199	TOLLS
	TOTAL	434,927	-3,657	416			
RHODE ISLAND	GENERAL OBLIGATION BONDS - SERIES 1989D	6-01-89	1,599	-	-	7.2-8.7	GENERAL REVENUE
	GENERAL OBLIGATION BONDS - SERIES 1989D	6-01-89	26,239	-	-	7.2-8.7	GENERAL REVENUE
	GENERAL OBLIGATION BONDS - SERIES 1989C	6-01-89	23,867	-	-	7.2-8.7	GENERAL REVENUE
	TOTAL	29,715	-	-			
TEXAS	DALLAS NORTH TOLLWAY REVENUE (REFUNDING) BONDS - SERIES 1989	7-01-89	237,695	-11,988	-	7.199	TOLLS
	TRANSPORTATION FACILITIES BONDS - SERIES 1989	6-01-89	34,348	-433	61	6.0-6.9	GENERAL REVENUE
	TRANSPORTATION REVENUE BONDS - SERIES 1989	11-15-89	200,000	-12,033	952	6.0-6.9	GENERAL REVENUE
	TOTAL	234,348	-12,466	1,053			
WASHINGTON	HIGHWAY CONSTRUCTION BONDS SERIES 80-11	5-01-89	54,100	-	192	7.0-10.0	MOTOR-FUEL TAX
	HIGHWAY CONSTRUCTION (REFUNDING) BONDS SERIES 8908	5-01-89	16,000	-	57	7.0-10.0	MOTOR-FUEL TAX
	HIGHWAY CONSTRUCTION (REFUNDING) BONDS SERIES 8909	5-01-89	16,000	-	57	6.0-6.75	MOTOR-FUEL TAX
	TOTAL		86,100	-	288		
WISCONSIN	TRANSPORTATION REVENUE BONDS - SERIES 1989A	3-31-89	51,300	-	-	7.0-7.5	HIGHWAY-USER REVENUE
TOTAL		3,775,089	-79,074	4,750			

2/ ALL BONDS ARE CONSIDERED TO BE FOR CONSTRUCTION OF HIGHWAYS UNLESS OTHERWISE IDENTIFIED AS REVENUE.
3/ COINCIDES WITH DATE BONDS BEGAN TO BEAR INTEREST, UNLESS NOTED OTHERWISE.
4/ POSTED INTEREST RATE APPLICABLE TO THE BONDS FROM DATE OF ISSUE TO DATE OF SALE.
5/ POSTED RATES DELIVERED FROM DATE OF ISSUE TO DATE OF SALE.
6/ WHEN AN ASTERISK APPEARS IN THIS COLUMN, THE BONDS ARE UNDERSTOOD TO BE SECURED BY THE FULL FAITH AND CREDIT OF THE STATE. IN ADDITION TO THE SPECIFIC REVENUES DESIGNATED BY LAW TO DEBT SERVICE.

STATE OBLIGATIONS FOR HIGHWAYS - 1989
CHANGE IN INDEBTEDNESS DURING YEAR¹

TABLE SB-2
SHEET 1 OF 2
OCTOBER 1990

COMPILED FROM REPORTS
OF STATE AUTHORITIES

(THOUSANDS OF DOLLARS)

STATE	OBLIGATIONS		CLASSIFICATION 2/	OBLIGATIONS OUTSTANDING BEGINNING OF YEAR	OBLIGATIONS ISSUED 3/			OBLIGATIONS REDEEMED			OBLIGATIONS OUTSTANDING END OF YEAR	SINKING FUND AND OTHER RESERVES 4/	NET INDEBTEDNESS
	ISSUE	ISSUE			ORIGINAL ISSUES	REFUNDING ISSUES	TOTAL	WITH CURRENT REVENUE AND DEBT RESERVES	BY REFUNDING	TOTAL			
ALABAMA	STATE HIGHWAY BONDS		A	178,197	14,200	-	14,200	93,875	-	93,875	98,522	-	98,522
ALASKA	STATE HIGHWAY BONDS		A	80,889	-	-	-	19,985	-	19,985	60,904	-	60,904
	TOLL FACILITY BONDS		B	21,052	-	-	-	4,214	-	4,214	16,838	-	16,838
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	113,915	-	-	-	3,748	-	3,748	8,167	-	8,167
				113,856	-	-	-	27,947	-	27,947	85,909	-	85,909
ARIZONA	STATE HIGHWAY BONDS		A	869,483	-	-	-	40,360	-	40,360	829,123	-	829,123
CALIFORNIA	TOLL FACILITY BONDS		B	90,995	-	-	-	3,445	-	3,445	87,550	-	87,550
CONNECTICUT	STATE HIGHWAY BONDS		A	1,082,288	311,744	-	311,744	122,185	-	122,185	1,271,847	-	1,271,847
DELAWARE	STATE HIGHWAY BONDS		A	318,423	-	-	-	31,992	-	31,992	360,275	-	360,275
	TOLL FACILITY BONDS		B	133,335	-	-	-	4,635	-	4,635	78,480	-	78,480
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	451,758	-	-	-	36,627	-	36,627	415,130	-	415,130
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS		C	1,108,258	92,316	37,333	129,649	-	-	37,333	1,200,574	-	1,200,574
FLORIDA	STATE HIGHWAY BONDS		A	123,752	329,177	-	329,177	11,183	-	11,183	112,569	-	112,569
	TOLL FACILITY BONDS		B	1,248,472	329,177	-	329,177	204,652	-	204,652	1,372,997	-	1,372,997
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	1,372,224	-	-	-	215,835	-	215,835	1,485,566	-	1,485,566
GEORGIA	STATE HIGHWAY BONDS		A	632,084	-	-	-	74,402	-	74,402	557,662	-	557,662
HAWAII	STATE HIGHWAY BONDS		A	158,756	12,744	5,481	18,225	13,985	-	13,985	157,515	-	157,515
ILLINOIS	STATE HIGHWAY BONDS		A	1,174,629	66,000	31,700	97,700	62,339	-	62,339	1,176,230	-	1,176,230
	TOLL FACILITY BONDS		B	578,465	66,000	31,700	97,700	4,285	-	4,285	574,120	-	574,120
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	1,753,094	66,000	31,700	97,700	66,624	-	66,624	1,752,350	-	1,752,350
INDIANA	STATE HIGHWAY BONDS		A	127,230	-	-	-	1,150	-	1,150	127,230	-	127,230
	TOLL FACILITY BONDS		B	297,045	-	-	-	1,150	-	1,150	295,895	-	295,895
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	424,275	-	-	-	2,300	-	2,300	423,125	-	423,125
KANSAS	STATE HIGHWAY BONDS		A	139,025	-	-	-	10,380	-	10,380	128,645	-	128,645
	TOLL FACILITY BONDS		B	110,635	-	-	-	1,470	-	1,470	109,165	-	109,165
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	249,660	-	-	-	11,850	-	11,850	237,810	-	237,810
KENTUCKY	STATE HIGHWAY BONDS		A	1,021,641	-	-	-	33,940	-	33,940	987,701	-	987,701
	TOLL FACILITY BONDS		B	319,795	-	-	-	15,760	-	15,760	304,035	-	304,035
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	1,341,436	-	-	-	49,700	-	49,700	1,291,736	-	1,291,736
LOUISIANA	STATE HIGHWAY BONDS		A	1,340,438	-	-	-	335,741	-	335,741	1,004,697	-	1,004,697
	TOLL FACILITY BONDS		B	30,622	-	-	-	4,399	-	4,399	26,223	-	26,223
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	4,200	5,760	940	6,700	610	940	1,550	9,350	-	9,350
				1,375,260	5,760	940	6,700	340,750	940	341,690	1,040,270	-	1,040,270
MAINE	STATE HIGHWAY BONDS		A	102,620	16,000	-	16,000	11,240	-	11,240	107,380	-	107,380
	TOLL FACILITY BONDS		B	1,500	-	-	-	1,500	-	1,500	-	-	-
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	104,120	16,000	-	16,000	12,740	-	12,740	107,380	-	107,380
MARYLAND	TOLL FACILITY BONDS		B	200,120	9,950	-	9,950	1,905	-	1,905	198,215	-	198,215
	STATE ISSUES FOR LOCAL ROADS		C	159,290	9,950	-	9,950	11,535	-	11,535	157,705	-	157,705
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	359,410	9,950	-	9,950	13,440	-	13,440	355,920	-	355,920
MASSACHUSETTS	STATE HIGHWAY BONDS		A	1,228,304	163,140	-	163,140	80,615	-	80,615	1,310,829	-	1,310,829
	TOLL FACILITY BONDS		B	192,254	163,140	-	163,140	11,737	-	11,737	180,517	-	180,517
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	1,420,558	163,140	-	163,140	92,352	-	92,352	1,491,346	-	1,491,346
MICHIGAN	STATE HIGHWAY BONDS		A	71,122	139,747	3,967	139,747	3,636	-	3,636	202,986	-	202,986
	TOLL FACILITY BONDS		B	7,680	-	-	-	7,850	-	7,850	7,850	-	7,850
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	100,806	139,747	3,967	139,747	5,198	-	5,198	95,130	-	95,130
				179,686	139,747	3,967	139,747	8,634	-	8,634	305,966	-	305,966
MINNESOTA	STATE HIGHWAY BONDS		A	153,368	2,000	-	2,000	14,650	-	14,650	140,718	-	140,718
	STATE ISSUES FOR LOCAL ROADS		C	217,675	-	-	-	12,300	-	12,300	205,375	-	205,375
	STATE ISSUES FOR LOCAL ROADS TOTAL		C	34,744	-	-	-	3,846	-	3,846	31,199	-	31,199
				252,419	-	-	-	15,846	-	15,846	236,573	-	236,573

STATE OBLIGATIONS FOR HIGHWAYS - 1989

CHANGE IN INDEBTEDNESS DURING YEAR¹

TABLE SB-2
SHEET 2 OF 2
OCTOBER 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS
OF STATE AUTHORITIES

STATE	OBLIGATIONS		CLASSIFICATION Z/	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	ISSUE		ISSUE	ORIGINAL ISSUES	REFUNDING ISSUES	TOTL	WITH CURRENT REVENUE AND DEBT RESERVES	BY REFUNDING	TOTAL					
MONTANA	STATE HIGHWAY BONDS	150,000	A	-	-	-	-	-	-	-	-	150,000	-	-	150,000
NEBRASKA	STATE HIGHWAY BONDS	1,000	A	-	-	-	-	-	-	-	-	1,000	-	-	-
NEVADA	STATE HIGHWAY BONDS	59,540	A	-	-	-	-	-	-	-	-	15,760	-	-	43,780
NEW HAMPSHIRE	STATE HIGHWAY BONDS	47,550	A	-	-	-	-	-	-	-	-	7,006	-	-	40,544
	TOLL FACILITY BONDS	174,275	B	-	-	-	-	-	-	-	-	4,160	-	-	170,115
	TOTAL	221,825		-	-	-	-	-	-	-	-	11,166	-	-	210,660
NEW JERSEY	STATE HIGHWAY BONDS	897,769	A	40,000	-	-	64,893	-	-	-	-	82,215	-	-	872,876
	TOLL FACILITY BONDS	3,087,419	B	182,405	-	-	7,215	-	-	-	-	3,242,609	-	-	3,242,609
	STATE ISSUES FOR LOCAL ROADS	72,040	C	237,405	-	-	3,895	-	-	-	-	68,145	-	-	68,145
	TOTAL	4,057,228		202,405	75,000	277,405	76,003	75,000	151,003	-	-	4,183,630	-	-	4,183,630
NEW MEXICO	STATE HIGHWAY BONDS	12,945	A	-	-	-	-	-	-	-	-	4,085	-	-	8,860
NEW YORK	STATE HIGHWAY BONDS	729,880	A	370,720	-	-	115,610	-	-	-	-	984,990	22,622	-	962,368
	TOLL FACILITY BONDS	34,002	B	30,000	-	-	37,857	-	-	-	-	314,325	-	-	314,325
	STATE ISSUES FOR LOCAL ROADS	1,033,868	C	400,720	-	-	169,267	-	-	-	-	1,931,321	22,622	-	32,006
	TOTAL	1,797,750		771,440	-	-	322,734	-	-	-	-	2,230,636	45,244	-	1,306,689
NORTH CAROLINA	STATE HIGHWAY BONDS	202,730	A	-	-	-	-	-	-	-	-	26,765	-	-	175,965
OHIO	STATE HIGHWAY BONDS	447,400	A	-	-	-	82,775	-	-	-	-	82,775	-	-	364,625
	TOLL FACILITY BONDS	452,210	B	-	-	-	-	-	-	-	-	-	-	-	4,810
	TOTAL	899,610		-	-	-	82,775	-	-	-	-	82,775	-	-	894,835
OKLAHOMA	TOLL FACILITY BONDS	160,075	B	558,400	-	-	-	-	-	-	-	160,075	-	-	558,400
OREGON	STATE HIGHWAY BONDS	99,750	A	-	-	-	8,480	-	-	-	-	8,480	-	-	91,270
	TOLL FACILITY BONDS	5,200	B	-	-	-	800	-	-	-	-	4,400	-	-	4,400
	TOTAL	104,950		-	-	-	9,280	-	-	-	-	9,280	-	-	95,670
PENNSYLVANIA	STATE HIGHWAY BONDS	1,708,090	A	112,000	-	-	180,815	-	-	-	-	1,639,275	-	-	1,639,275
	TOLL FACILITY BONDS	981,166	B	241,467	-	-	4,070	-	-	-	-	1,251,004	-	-	1,251,004
	TOTAL	2,689,256		353,467	-	-	184,885	-	-	-	-	2,890,279	-	-	2,890,279
RHODE ISLAND	STATE HIGHWAY BONDS	120,066	A	29,867	-	-	13,052	-	-	-	-	135,879	-	-	136,879
	TOLL FACILITY BONDS	48,046	B	29,867	-	-	13,908	-	-	-	-	184,084	-	-	184,084
	TOTAL	168,112		59,734	-	-	26,960	-	-	-	-	319,963	-	-	320,963
TENNESSEE	STATE HIGHWAY BONDS	48,070	A	-	-	-	-	-	-	-	-	39,250	-	-	39,250
TEXAS	TOLL FACILITY BONDS	407,280	B	-	-	-	-	-	-	-	-	208,060	-	-	436,915
VERMONT 5/	STATE HIGHWAY BONDS	-	A	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA	STATE HIGHWAY BONDS	138,483	A	200,000	-	-	14,115	-	-	-	-	338,483	13,690	-	324,794
	TOLL FACILITY BONDS	284,327	B	34,348	-	-	14,115	-	-	-	-	308,500	15,183	-	323,683
	TOTAL	422,810		234,348	-	-	28,230	-	-	-	-	646,983	28,873	-	625,856
WASHINGTON	STATE HIGHWAY BONDS	497,245	A	70,100	-	-	19,225	-	-	-	-	548,120	-	-	548,120
	TOLL FACILITY BONDS	131,813	B	-	-	-	5,843	-	-	-	-	125,970	-	-	125,970
	STATE ISSUES FOR LOCAL ROADS	232,873	C	-	-	-	13,468	-	-	-	-	219,405	-	-	219,405
	TOTAL	861,931		70,100	-	-	38,536	-	-	-	-	893,495	-	-	893,495
WEST VIRGINIA	STATE HIGHWAY BONDS	576,927	A	-	-	-	79,762	-	-	-	-	497,165	-	-	497,165
	TOLL FACILITY BONDS	44,543	B	-	-	-	79,762	-	-	-	-	147,545	-	-	147,545
	TOTAL	621,470		-	-	-	159,524	-	-	-	-	644,710	-	-	644,710
WISCONSIN	STATE HIGHWAY BONDS	329,769	A	51,300	-	-	76,128	-	-	-	-	304,941	32,045	-	272,896
SUMMARY	STATE HIGHWAY BONDS	15,087,118	A	1,595,595	216,383	1,811,978	1,677,045	142,618	1,819,663	-	-	15,079,232	209,110	-	14,870,123
	TOLL FACILITY BONDS	8,883,010	B	1,355,797	465,682	1,811,489	333,867	627,536	961,403	-	-	9,739,096	16,529	-	9,717,147
	STATE ISSUES FOR LOCAL ROADS	1,768,014	C	108,026	43,596	151,622	52,000	43,956	95,956	-	-	1,821,680	225,639	-	1,821,680
	GRAND TOTAL 5/	25,738,142		3,059,418	716,671	3,776,089	2,062,912	814,310	2,877,222	-	-	26,634,008	451,278	-	26,408,950

1/ SEE TABLE SB-1 FOR GENERAL NOTE ON SB SERIES. THE FOLLOWING STATES REPORTED NO INDEBTEDNESS DURING 1989: ARKANSAS, COLORADO, IOWA, MISSOURI, NORTH DAKOTA, SOUTH CAROLINA, SOUTH DAKOTA AND WYOMING.
2/ BALANCES IN THIS COLUMN INCLUDE AMOUNTS KNOWN TO BE RESERVED SOLELY FOR BOND REDEMPTION.
3/ SEE TABLE SB-1 FOR ADDITIONAL INFORMATION.
4/ BALANCES IN THIS COLUMN INCLUDE AMOUNTS KNOWN TO BE RESERVED SOLELY FOR BOND REDEMPTION.
5/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

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

TABLE SB-3
 SHEET 1 OF 2
 OCTOBER 1990

STATE	OBLIGATIONS		RECEIPTS APPLICABLE TO DEBT SERVICE (THOUSANDS OF DOLLARS)										DISBURSEMENTS			BALANCE IN SINKING FUND OR RESERVE END OF YEAR	
	ISSUE	CLASSIFICATION 1/ 2/ 3/	BALANCE IN SINKING FUND OR RESERVE BEGINNING OF YEAR	HIGHWAY- REVENUES	TOLLS	PROCEEDS SALE OF BONDS	NET EARNINGS FROM INVEST- MENTS	MISCEL- LANEOUS INCOME	TOTAL RECEIPTS	INTEREST	ADMINIS- TRATION FEES, ETC.	TOTAL INTEREST AND ADMINIS- TRATION	PAR VALUE	PREMIUM OR DISCOUNT	TOTAL DISBURSE- MENTS		
																	3/
ALABAMA	STATE HIGHWAY BONDS	A	-	93,504	-	14,200	-	-	107,704	12,870	958	13,828	93,876	-	107,703	-	
ALASKA	STATE HIGHWAY BONDS	A	-	-	-	-	-	25,262	25,262	5,267	-	5,267	19,995	-	19,995	25,262	
	TOLL FACILITY BONDS	B	-	-	-	-	-	4,236	4,236	1,124	-	1,124	4,236	-	4,236	4,236	
	STATE ISSUES FOR LOCAL ROADS	C	-	-	-	-	-	4,589	4,589	841	-	841	3,748	-	3,748	4,589	
	TOTAL		-	-	-	-	4/ 35,179	35,179	7,232	-	7,232	27,947	-	27,947	35,179	-	
ARIZONA	STATE HIGHWAY BONDS	A	22,865	86,563	-	-	3,496	-	90,959	57,596	25	57,621	40,360	-	40,360	97,981	14,943
CALIFORNIA	TOLL FACILITY BONDS	B	4,165	-	-	-	5,990	-	9,989	6,325	-	6,325	3,445	-	3,445	9,770	4,385
CONNECTICUT	STATE HIGHWAY BONDS	A	-	214,031	-	1,044	-	-	215,075	91,175	710	91,885	122,185	1,006	123,191	215,076	-
DELAWARE	STATE HIGHWAY BONDS	A	21,618	44,266	1,921	134,348	667	-	134,348	15,544	6,103	21,647	110,247	2,453	112,700	134,347	7,361
	TOLL FACILITY BONDS	B	21,818	44,266	1,921	133,340	667	-	200,194	17,667	6,109	23,796	188,727	1,927	190,654	214,450	7,361
DIST. OF COL.	STATE ISSUES FOR LOCAL ROADS	C	-	9,504	-	105,036	-	-	114,540	74,274	2,833	77,207	37,333	-	37,333	114,540	-
FLORIDA	STATE HIGHWAY BONDS	A	282,734	18,500	11,644	25,584	36,907	164,304	18,500	7,312	5	7,317	11,183	-	11,183	18,500	218,082
	TOLL FACILITY BONDS	B	282,734	18,500	11,644	25,584	36,907	164,304	259,949	103,956	4,764	108,720	204,652	-	204,652	305,039	218,082
GEORGIA	STATE HIGHWAY BONDS	A	-	-	-	-	-	119,853	119,853	45,451	-	45,451	74,402	-	74,402	119,853	-
HAWAII	STATE HIGHWAY BONDS	A	-	-	-	5,481	-	-	29,866	10,200	-	10,200	19,466	-	19,466	29,866	-
ILLINOIS	STATE HIGHWAY BONDS	A	78,853	145,652	11,100	31,700	6,227	-	177,352	72,601	22	72,623	94,059	10,631	104,730	177,353	79,319
	TOLL FACILITY BONDS	B	78,853	145,652	11,100	31,700	6,227	-	177,352	72,601	22	72,623	94,059	10,631	104,730	177,353	79,319
INDIANA	STATE HIGHWAY BONDS	A	26,391	-	20,009	-	9,804	-	9,804	10,991	101	11,092	1,150	-	1,150	22,531	26,344
	TOLL FACILITY BONDS	B	32,358	-	20,009	-	12,632	-	32,701	32,372	101	32,473	1,150	-	1,150	33,623	51,448
KANSAS	STATE HIGHWAY BONDS	A	63,935	10,834	6,022	-	7,911	-	18,750	11,282	48	11,330	10,360	-	10,360	21,710	60,975
	TOLL FACILITY BONDS	B	13,799	10,834	6,022	-	9,831	-	9,831	6,369	-	6,369	1,470	-	1,470	9,829	13,600
KENTUCKY	STATE HIGHWAY BONDS	A	159,867	132,695	5,090	-	4,506	-	137,201	61,285	321	61,606	33,940	3,025	36,965	98,551	198,517
	TOLL FACILITY BONDS	B	199,354	161,642	5,090	-	4,668	-	176,105	22,244	179	22,423	15,760	-	15,760	15,718	40,851
LOUISIANA	STATE HIGHWAY BONDS	A	9,404	291,341	5,957	-	889	-	408,237	70,436	-	70,436	335,741	-	335,741	408,237	17,940
	TOLL FACILITY BONDS	B	9,404	291,341	5,957	-	889	-	408,237	70,436	-	70,436	335,741	-	335,741	408,237	17,940
MAINE	STATE HIGHWAY BONDS	A	1,325	18,626	571	-	58	-	18,828	7,588	-	7,588	11,240	-	11,240	18,826	-
	TOLL FACILITY BONDS	B	1,325	18,626	571	-	58	-	18,828	7,588	-	7,588	11,240	-	11,240	18,826	-
MARYLAND	STATE HIGHWAY BONDS	A	31,291	10,379	17,224	9,858	1,813	-	19,927	17,022	48	17,070	1,905	57	1,952	18,984	31,344
	TOLL FACILITY BONDS	B	61,845	10,379	17,224	9,858	5,333	7	42,601	28,883	48	28,931	13,440	-	13,437	42,378	62,265
MASSACHUSETTS	STATE HIGHWAY BONDS	A	24,476	168,046	20,248	-	3,172	-	168,218	97,015	-	97,015	90,615	588	97,603	168,218	22,818
	TOLL FACILITY BONDS	B	24,476	168,046	20,248	-	3,172	-	168,218	97,015	-	97,015	90,615	588	97,603	168,218	22,818
MICHIGAN	STATE HIGHWAY BONDS	A	18	132,841	1,284	9,254	3	2,395	6,033	6,310	277	6,587	7,883	287	8,180	14,450	130,021
	TOLL FACILITY BONDS	B	997	18,174	1,284	-	24	-	1,308	1,266	-	1,266	10,981	-	10,981	1,266	1,039
	STATE ISSUES FOR LOCAL ROADS	C	1,015	152,015	1,284	9,254	-	27	161,975	15,181	285	15,470	18,764	896	19,360	341,320	131,080
MINNESOTA	STATE HIGHWAY BONDS	A	37,803	9,729	-	5	691	4/ 13,052	23,677	8,818	-	8,818	14,850	-	14,850	23,468	38,013
MISSISSIPPI	STATE HIGHWAY BONDS	A	105,128	25,374	-	-	2,024	-	27,398	14,217	361	14,578	12,300	4	12,304	26,882	105,644
	TOLL FACILITY BONDS	B	2,339	25,374	-	-	2,024	-	5,701	2,194	-	2,194	3,646	-	3,646	5,740	6,200
	TOTAL		107,367	25,374	-	-	2,024	4/ 5,701	33,099	16,411	361	16,772	16,846	-	16,850	32,622	107,844

COMPILED FROM REPORTS OF STATE AUTHORITIES

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1989

TABLE SF-38
SHEET 1 OF 2
OCTOBER 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS
OF STATE AUTHORITIES

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES BEGINNING OF YEAR 2/		HIGHWAY-USER REVENUES	ROAD AND CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INCOME INVESTMENTS	CONCESSIONS AND RENTALS	MISCELLANEOUS RECEIPTS	TOTAL RECEIPTS	
			RESERVES FOR CONSTRUCTION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE								
ALASKA	ALASKA FERRY SYSTEM	ALASKA DEPARTMENT OF PUBLIC WORKS	-	-	-	14,351	-	-	7,313	3/ 50,301	71,965	
CALIFORNIA	CARQUINEZ, BENICIA-MARTINEZ, AND ANTIPOCH BRIDGES	CALIFORNIA TRANSPORTATION COMMISSION	66,916	1,063	1,615	27,486	-	6,272	128	19	95,511	
	RICHMOND-SAN RAFAEL BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	22,794	-	1,459	9,382	-	2,070	158	19	33,006	
	SAN DIEGO-CORONADO BRIDGE	CALIFORNIA TRANSPORTATION COMMISSION	13,567	-	481	5,747	-	1,322	-	11	19,107	
	SAN PEDRO-TERRAZAS ISLAND BRIDGE (VINCENT THOMAS)	CALIFORNIA TRANSPORTATION COMMISSION	120,616	3,102	11,268	59,239	-	11,783	2,697	18	85,001	
	TOTAL		4,470	-	35	2,645	-	447	-	-	3,127	
	CHARTER ORK BRIDGE 4/	CONNECTICUT DEPARTMENT OF TRANSPORTATION	228,363	-	14,886	104,459	-	21,694	-	2,874	54	144,227
	HERRITT AND HILBUR CROSS PARKWAYS 5/	CONNECTICUT DEPARTMENT OF TRANSPORTATION	-	-	-	1,943	-	-	-	-	-	1,943
	ROCKYHILL-GLASTONBURY AND CHESTER-HADLYNE FERRIES	CONNECTICUT DEPARTMENT OF TRANSPORTATION	-	-	272	104	-	-	-	-	-	376
	TOTAL		-	-	272	2,149	-	-	-	-	-	2,421
	DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE HAY-LEMES FERRY JOHN F. KENNEDY MEMORIAL HIGHWAY	DELAWARE RIVER AND BAY AUTHORITY DELAWARE TRANSPORTATION AUTHORITY	20,050	7,618	44,266	36,195	-	2,121	-	62	38,378
TOTAL			29,050	21,618	44,266	62,393	-	2,636	1,538	164	110,937	
FLORIDA	EMORY L. BENNETT CAUSEWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	-	18,586	-	3,888	-	-	-	2/ 164,156	3,888	
	JACKSONVILLE EXPRESSWAY SYSTEM 6/	FLORIDA DEPARTMENT OF TRANSPORTATION	-	2,009	-	675	-	275	-	-	164,156	
	PENSACOLA BEACH BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	272	-	-	3,284	-	-	-	-	3,284	
	PINEHILLS BAYWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	866	-	-	568	-	-	-	-	568	
	SANTA ROSA (MARVERLE) BRIDGE	FLORIDA DEPARTMENT OF TRANSPORTATION	-	-	-	8,428	-	-	-	-	8,428	
	SUNSHINE SKYWAY (LOWER TAMPA BAY BRIDGE)	FLORIDA DEPARTMENT OF TRANSPORTATION	180,363	13,232	57,368	35,232	-	1,015	-	37,712	186,102	
	ORLANDO EXPRESSWAY SYSTEM	FLORIDA DEPARTMENT OF TRANSPORTATION	709	188,196	-	478	-	-	-	-	1,101	
	CECILE HALL ROAD	FLORIDA DEPARTMENT OF TRANSPORTATION	-	2,372	66	1,376	-	174	-	-	1,606	
	EVERGLADES PARKWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	10,950	18,981	-	113,379	215,663	145	5,864	-	332,083	
	FLORIDA'S TURNPIKE	FLORIDA DEPARTMENT OF TRANSPORTATION	1,849	8,222	-	10,842	782	-	-	573	12,187	
	HILLSBOROUGH EXPRESSWAY (SOUTH CROSSTOWN)	FLORIDA DEPARTMENT OF TRANSPORTATION	1,527	8,222	-	12,149	89,477	930	-	-	102,566	
	INTERSTATE 75 EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	13,746	31,134	-	9,657	18,980	-	-	-	21,391	
	SEMINOLE EXPRESSWAY	FLORIDA DEPARTMENT OF TRANSPORTATION	210,884	282,734	-	1,185	-	185	-	-	21,034	
	TOTAL			210,884	282,734	60,475	204,892	324,120	39,206	5,864	203,211	837,788
	GEORGIA	TORRAS CAUSEWAY	GEORGIA STATE TOLLWAY AUTHORITY	-	-	-	1,355	-	118	-	-	1,473
	ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	ILLINOIS STATE TOLL HIGHWAY AUTHORITY	349,032	76,963	-	212,781	-	33,788	6,209	3,040	255,810
INDIANA	WARDASH MEMORIAL, BRANDENBURG-MAUKPORT, AND TIMESVILLE-CAMERON BRIDGES	INDIANA TRANSPORTATION FINANCE AUTHORITY	1,220	-	-	1,703	-	-	-	12	1,715	
	INDIANA EAST-WEST TOLL ROAD	INDIANA TRANSPORTATION FINANCE AUTHORITY	45,539	25,977	-	54,018	-	6,188	2,883	631	63,720	
	TOTAL		46,759	25,977	-	55,721	-	6,188	2,883	643	65,435	
KANSAS	KANSAS TURNPIKE SYSTEM	KANSAS TURNPIKE AUTHORITY	36,727	13,799	-	36,914	-	4,086	456	460	41,916	
KENTUCKY	KENTUCKY PARKWAY SYSTEM	THE TURNPIKE AUTHORITY OF KENTUCKY	1,850	40,087	28,947	18,774	-	5,042	-	-	52,763	
LOUISIANA	GREATER NEW ORLEANS BRIDGES	CRESCENT CITY CONNECTION DIVISION	2,488	9,404	5,135	16,200	-	1,124	-	-	22,459	
	ASCENSION BRIDGE (SUNSHINE) AND ST. JAMES FERRY	ASCENSION-ST. JAMES BRIDGE AND FERRY AUTHORITY	1,287	-	1,678	1,868	-	1,186	-	-	2,742	
TOTAL			3,775	9,404	6,813	17,168	-	1,220	-	-	25,201	
MAINE	MAINE TURNPIKE ISLAND FERRY SERVICE	MAINE TURNPIKE AUTHORITY	35,165	1,325	-	36,057	-	3,110	1,893	195	41,255	
	TOTAL		35,857	1,325	-	37,105	-	3,188	1,893	3/ 2,956	4,080	
MARYLAND	SUSQUEHANNA, POTOMAC, AND CHESAPEAKE BAY BRIDGES; BALTIMORE HARBOR TUNNEL AND BRIDGE; FT. MCHEERY TUNNEL JOHN F. KENNEDY MEMORIAL HIGHWAY	MARYLAND TRANSPORTATION AUTHORITY	96,753	31,291	-	78,718	-	8,414	68	1,097	88,317	
	TOTAL		96,753	31,291	-	106,371	-	8,414	4,563	1,187	120,535	
	MAJORICE J. UDWIN (MYSTIC RIVER) BRIDGE EAST BOSTON TUNNEL MASSACHUSETTS TURNPIKE SYSTEM	MASSACHUSETTS PORT AUTHORITY MASSACHUSETTS TURNPIKE AUTHORITY	73,637	4,068	-	12,215	-	478	-	-	7,899	
TOTAL			75,773	24,476	-	114,606	-	5,662	7,043	149	127,539	
MICHIGAN	BLUE WATER BRIDGE	MICHIGAN DEPARTMENT OF TRANSPORTATION	11,543	-	-	6,206	-	683	-	1,454	7,089	
	HACKINAC STRAITS BRIDGE SAULT STE. MARIE BRIDGE	HACKINAC BRIDGE AUTHORITY INTERNATIONAL BRIDGE AUTHORITY OF MICHIGAN	12,436	997	-	3,070	-	89	231	-	3,390	
TOTAL			12,436	997	-	11,803	-	972	231	-	14,560	
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION	124,546	-	-	36,922	-	-	-	5,426	42,348	

RECEIPTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1989

Highway Finance

TABLE SF-3B
SHEET 2 OF 2
OCTOBER 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS
OF STATE AUTHORITIES

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES		HIGHWAY- USER REVENUES	ROAD AND CROSSING TOLLS	RECEIPTS FROM ISSUE OF BONDS	NET INCOME FROM INVEST- MENTS	CONCES- SIONS AND RENTALS	MISCEL- LANEOUS RECEIPTS	TOTAL RECEIPTS	
			RESERVES FOR CONSTRUC- TION, OPERATION E.T.C.	RESERVES FOR DEBT SERVICE								
NEW JERSEY	VARIOUS TOLL BRIDGES	DELWARE RIVER JOINT TOLL BRIDGE COMMISSION	51,859	5,829	-	22,485	-	4,465	-	-	26,957	
	ATLANTIC CITY EXPRESSWAY	NEW JERSEY EXPRESSWAY AUTHORITY	23,148	2,397	-	22,977	-	1,854	-	2,866	27,697	
	NEW JERSEY TURNPIKE SYSTEM	NEW JERSEY TURNPIKE AUTHORITY	1,773,019	286,974	-	1,877,001	237,405	15,750	9,868	3,321	968,950	
	TOTAL		1,880,210	353,121	-	376,001	237,405	183,114	22,357	7,908	826,765	
NEW YORK	CORNWALL-HASSENA BRIDGE	ST. LAWRENCE SEAWAY DEVELOPMENT PORT AUTHORITY OF NEW YORK AND NEW JERSEY	157	-	-	1,954	-	35	67	-	2,061	
	GEORGE WASHINGTON AND STATEN ISLAND BRIDGES; HOLLAND AND LINCOLN TUNNELS	NEW YORK STATE BRIDGE AUTHORITY	11,767	4,161	-	335,460	-	-	-	-	335,460	
	KINGSTON, RIP VAN WINKLE, MID-HUDSON, BEAR MOUNTAIN AND NEBOROH-BERCON BRIDGES	NEW YORK STATE BRIDGE AUTHORITY	-	-	-	17,016	29,463	3,302	-	37	49,818	
	PEARLE BRIDGE	BUFFALO AND ERIE PUBLIC BRIDGE AUTHORITY	-17,296	285	-	1,033	-	67	381	-	1,557	
	RAHMOND, LEWISTON-QUEENSTON, AND WHIRLPOOL RAPIDS BRIDGES	NIAGARA FALLS BRIDGE COMMISSION	7,868	3,498	-	7,497	-	635	3,660	-	11,792	
	THOUSAND ISLANDS BRIDGES	THOUSAND ISLANDS BRIDGE AUTHORITY	8,261	864	-	4,746	-	4,746	-	-	4,746	
	THOMAS E. DEWEY THRUWAY	NEW YORK STATE THRUWAY AUTHORITY	199,380	73,651	-	291,530	-	20,748	7,386	9/ 13,259	332,923	
	TOTAL		221,198	82,459	-	666,344	29,463	25,961	14,059	13,307	749,134	
	NORTH CAROLINA	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	-	-	14,546	1,260	-	-	-	-	15,806
	OHIO	OHIO TURNPIKE	OHIO TURNPIKE COMMISSION	50,692	206	2,010	82,326	-	4,249	5,861	793	95,239
OKLAHOMA	OKLAHOMA TURNPIKE SYSTEM	OKLAHOMA TURNPIKE AUTHORITY	15,107	55,907	6,000	50,925	545,925	38,131	1,038	1,603	643,622	
OREGON	ASTORIA-PT. ELLICE BRIDGE	OREGON TRANSPORTATION COMMISSION	-	-	-	2,204	-	-	-	-	2,204	
PENNSYLVANIA	DELAWARE RIVER BRIDGES	DELAWARE RIVER PORT AUTHORITY	98,435	37,625	-	86,655	120,542	11,446	44	-	217,687	
	PENNSYLVANIA TURNPIKE SYSTEM	PENNSYLVANIA TURNPIKE COMMISSION	764,022	43,122	-	215,514	238,672	78,607	4,678	491	537,962	
TOTAL			862,457	80,747	-	301,169	359,214	90,053	4,722	491	755,649	
RHODE ISLAND	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY	15,126	-3,182	-	8,935	-	902	-	88	9,925	
TENNESSEE	CUMBERLAND CITY AND CLIFTON FERRIES	TENNESSEE DEPARTMENT OF TRANSPORTATION	-	-	304	42	-	-	-	-	346	
TEXAS	MOUNTAIN CREEK LAKE BRIDGE	TEXAS TURNPIKE AUTHORITY	514	708	-	1,311	-	114	-	-	1,425	
	HOUSTON SHIP CHANNEL BRIDGE	TEXAS TURNPIKE AUTHORITY	94,650	20,220	-	27,035	225,707	6,697	-	3	9,754	
	DALLAS NORTH TOLLWAY	TEXAS TURNPIKE AUTHORITY	-	-	-	36,098	225,707	8,332	-	7/ 846	260,285	
TOTAL			94,650	20,220	-	36,098	225,707	8,332	-	849	270,986	
VIRGINIA	CHESAPEAKE BAY BRIDGE AND TUNNEL SYSTEM	CHESAPEAKE BAY BRIDGE AND TUNNEL DISTRICT	29,386	5,130	384	27,030	-	2,520	-	361	31,105	
	NORFOLK-VIRGINIA BEACH TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	25,939	-	-	11,053	-	1,763	-	26	12,842	
	RICHMOND-PETERSBURG TURNPIKE	VIRGINIA DEPARTMENT OF TRANSPORTATION	8,662	-	-	33,559	-	906	-	4	34,469	
	DULLES TOLL ROAD	VIRGINIA DEPARTMENT OF TRANSPORTATION	14,137	-	-	18,562	33,976	2,966	-	-	55,513	
	POWELL-PARKWAY EXTENSION TOLL ROAD JAMESTOWN FERRY	VIRGINIA DEPARTMENT OF TRANSPORTATION	4,593	-	2,698	5,285	-	-	-	-	7,984	
TOTAL			82,739	5,130	3,092	96,699	33,976	8,155	400	-	142,322	
WASHINGTON	HOOD CANAL BRIDGE, PUGET SOUND FERRY SYSTEM	WASHINGTON TOLL BRIDGE AUTHORITY	46,157	8,450	79,479	61,160	-	2,110	8/ 9,121	-	151,870	
	MAPLE STREET (SPORANEY) BRIDGE	WASHINGTON TOLL BRIDGE AUTHORITY	1,351	186	-	1,083	-	95	-	-	1,178	
TOTAL			47,508	8,636	79,479	62,243	-	2,205	9,121	-	153,048	
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	WEST VIRGINIA PARKWAYS, ECONOMIC DEVELOPMENT, TOURISM AUTHORITY	12,740	7,277	810	36,558	-	2,006	604	14	41,992	
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES		641,523	160,039	101,572	882,674	150,005	64,775	9,989	176,612	1,385,627	
	TOTAL ROAD FACILITIES		3,862,017	991,141	1,452,206	1,860,800	1,605,805	430,669	72,285	73,945	4,188,710	
	TOTAL FERRY FACILITIES		692	692	15,122	17,234	-	56	7,313	53,257	92,982	
GRAND TOTAL			4,504,232	1,151,180	281,900	2,760,708	1,755,810	495,500	89,587	303,814	5,667,319	

1/ SEE TABLE SF-21 FOR GENERAL NOTE ON SF SERIES. TABLES SF-3B AND 4B ARE CONCERNED SOLELY WITH RECEIPTS FROM STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES WHICH ARE OWNED OR OPERATED BY STATE HIGHWAY AGENCIES. TABLES SF-3C AND 4C ARE CONCERNED WITH RECEIPTS FROM STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES WHICH ARE OWNED OR OPERATED BY LOCAL AUTHORITIES. TABLES SF-3D AND 4D ARE CONCERNED WITH RECEIPTS FROM STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES WHICH ARE OWNED OR OPERATED BY OTHER MAJOR FACILITIES THAT HAVE MORE THAN LOCAL IMPORTANCE. OTHER TOLL FACILITIES, NOW TOLL-FREE, ARE INCLUDED WHERE BONDED INDEBTEDNESS IS STILL OUTSTANDING. OTHER FACILITIES FOR WHICH NO TOLLS ARE SHOWN WERE UNDER CONSTRUCTION, OR PRELIMINARY COSTS HAD BEEN INCURRED DURING THE YEAR. TOLL FACILITIES WHICH WERE RECEIVED BY ONE OF THE STATES OR FEDERAL AGENCIES DURING THE YEAR ARE SHOWN AS FEDERAL FUNDS. LOCAL TOLL FACILITIES ARE SHOWN AS LOCAL ROAD AND BRIDGE DISTRICTS AND TUNNEL FACILITIES ARE SHOWN AS TUNNEL FACILITIES. TOLL FACILITIES ARE SHOWN AS SPECIAL TOLL FACILITIES AS WELL AS STATE HIGHWAY AGENCY FUNDS DEDICATED TO TOLL FACILITY CONSTRUCTION, MAINTENANCE, OPERATION, AND DEBT SERVICE.

2/ FEDERAL-AID FUNDS: ALASKA (\$32,236,511) AND ARIZONA (\$1,440,316).

3/ FREED MAY 1989.

4/ FREED JULY 1989.

5/ FREED AUGUST 1989.

6/ LOCAL TRANSFERS: FLORIDA (\$164,156,224 - COUNTIES) AND TEXAS (\$845,000 - COUNTIES).

7/ FEDERAL FUNDS: ARIZONA (\$1,390,000 - STATE) AND WASHINGTON (\$5,829,760 - UNITAI).

8/ FEDERAL-AID FUNDS: NEW YORK (\$11,690,320).

DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1989

TABLE SF-4B
SHEET 1 OF 2
OCTOBER 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS
OF STATE AUTHORITIES

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE OPERATIONS	ADMINISTRATION MISCELLANEOUS	HIGHWAY ENFORCEMENT	INTEREST OPERATIONS	RETIREMENT OPERATIONS	SUBTOTAL DIRECT EXPENDITURES	TRANSFERS TO STATE OR OTHER PURPOSES	TOTAL DISBURSEMENTS	BALANCES END OF YEAR 4/	
											RESERVES FOR OPERATION, ETC.	RESERVES FOR DEBT SERVICE
ALASKA	ALASKA FERRY SYSTEM	-	61,376	5,282	-	1,124	4,214	71,986	-	71,986	-	-
CALIFORNIA	ARQUINEZ, BENICIO-MARTINEZ, AND ANTOCH BRIDGES	9,371	9,983	1,451	-	2,775	1,250	24,830	-	24,830	77,821	1,037
	RICHMOND-SAN RAFAEL BRIDGE	5,313	3,107	347	-	-	-	8,787	-	8,787	27,033	-
	SAN DIEGO-CORONADO BRIDGE	113	2,895	269	-	-	-	3,277	-	3,277	17,852	-
	SAN FRANCISCO-OKLAND BRIDGE	12,194	24,098	3,857	-	3,550	2,195	45,884	11,769	57,653	147,707	3,348
	SAN PEDRO-TERMINAL ISLAND BRIDGE (VINCENT THOMAS)	184	1,343	190	-	-	-	1,683	-	1,683	6,903	-
	TOTAL	27,145	41,432	6,114	-	-	6,325	3,445	84,461	11,769	96,230	276,116
CONNECTICUT	CHARTER OAK BRIDGE	-	1,102	10	-	-	-	1,112	892	1,944	-	-
	HERRITT AND MILBOR CROSS PARKWAYS ROCKHILL-OLSTONBURY AND CHESTER-HADLYE FERRIES	-	376	-	-	-	-	376	18	103	-	-
TOTAL	-	1,563	10	-	-	-	-	1,573	850	2,423	-	-
DELAWARE	DELAWARE MEMORIAL BRIDGE AND CAPE MAY-LEMES FERRY	10,450	17,709	711	2,771	2,143	4,109	37,893	5,801	43,694	20,793	7,361
	JOHN F. KENNEDY MEMORIAL HIGHWAY	8,341	4,848	1,169	-	6	73,845	84,030	-	94,030	1,568	-
TOTAL	18,791	22,557	1,900	2,771	2,149	77,954	126,122	126,122	5,801	131,923	22,361	7,361
FLORIDA	EMORY L. BENNETT CAUSEWAY	-	1,588	-	-	-	182,742	182,742	2,270	3,858	-	-
	JACKSONVILLE EXPRESSWAY SYSTEM	-	326	-	-	616	550	1,492	461	1,953	-	99
	PENSACOLA BEACH BRIDGE	-	1,067	-	-	-	-	1,067	3,082	4,149	-	1,178
	SMITHS BAY BRIDGE	-	185	-	-	-	-	185	416	601	-	-
	SUNSHINE SKYWAY (BRYANT PATTON) BRIDGE	-	185	-	-	-	-	185	416	601	-	-
	SUNSHINE SKYWAY (LOWER TAMPA BAY BRIDGE)	-	1,608	-	596	-	2,839	2,715	7,183	7,183	15,913	-
	ORLANDO EXPRESSWAY SYSTEM	92,506	1,645	-	-	46,884	2,010	149,441	75,182	224,623	174,895	135,343
	BUCCANEER TRAIL ROAD	-	1,101	-	-	-	1,555	1,101	1,101	1,101	174	1,262
	GENERAL FLORIDA EXPRESSWAY	-	535	-	-	-	1,161	3,261	3,261	3,261	158,542	22,782
	FLORIDA'S TURNPIKE	42,776	37,557	-	-	20,382	3,470	103,392	163,768	163,768	22,085	6,076
	HILLSBOROUGH EXPRESSWAY (SOUTH CROSSTOWN)	45,443	37,557	-	-	2,826	9,256	15,586	24,842	40,328	10,398	10,398
	MIAMI-DADE COUNTY EXPRESSWAYS	46,497	2,640	181	-	2,214	6,754	12,431	12,431	89,477	21,880	21,880
	SAFARI-DEERFIELD EXPRESSWAY	-	2,326	-	-	16,840	3,805	22,971	34,392	34,392	15,673	3,276
	SENTINOLE EXPRESSWAY	-	100	-	-	-	1,890	95	2,085	11,421	15,673	21,880
	TOTAL	141,222	81,449	747	-	101,404	203,896	508,518	671,982	163,464	835,446	441,320
GEORGIA	TORRAS CAUSEWAY	40	630	52	-	-	-	722	-	722	751	-
ILLINOIS	ILLINOIS TOLL HIGHWAY SYSTEM	185,951	47,061	20,543	9,833	12,697	4,295	280,370	-	280,370	324,125	79,319
INDIANA	WARREN MEMORIAL, BRANDENBURG-HAUKPORT, AND HAMESVILLE-CANNELTON BRIDGES	-	1,078	-	-	-	-	1,078	-	1,078	1,857	-
	INDIANA EAST-WEST TOLL ROAD	498	34,056	5,294	2,120	21,381	1,150	64,499	-	64,499	44,383	26,344
TOTAL	498	35,134	5,294	2,120	2,120	21,381	1,150	65,577	-	65,577	46,250	26,344
KANSAS	KANSAS TURNPIKE SYSTEM	13,894	10,584	4,931	1,983	8,359	1,470	41,231	-	41,231	36,410	13,800
KENTUCKY	KENTUCKY PARKWAY SYSTEM	-	13,621	241	-	22,423	15,718	52,003	-	52,003	1,846	40,851
LOUISIANA	GREATER NEW ORLEANS BRIDGES ASCENSION BRIDGE (SUNSHINE) AND ST. JAMES FERRY	-	2,013	-	-	313	3,089	5,415	9,256	14,671	1,763	17,917
	TOTAL	-	339	-	-	764	956	2,069	2,069	2,069	1,946	24
MAINE	MAINE TURNPIKE SERVICE ISLAND FERRY SERVICE	6,883	14,142	2,071	1,750	454	1,500	26,800	8,991	35,791	41,956	-
	TOTAL	6,883	16,114	2,071	1,750	454	1,500	30,425	8,991	39,416	43,083	-
MARYLAND	SUSQUEHANNA, POTOMAC, AND CHESAPEAKE BAY BRIDGES; BALTIMORE HARBOR TUNNEL AND BRIDGE; FT. MCHEERY TUNNEL JOHN F. KENNEDY MEMORIAL HIGHWAY	28,797	18,025	7,739	8,484	17,022	1,962	82,029	51,821	133,850	51,166	31,344
	TOTAL	43,192	23,555	7,976	1,321	17,022	1,962	103,512	62,556	166,068	51,166	31,344
MASSACHUSETTS	MURICE J. TOBIN (HYSTIC RIVER) BRIDGE EAST BOSTON TUNNELS MASSACHUSETTS TURNPIKE SYSTEM	3,276	2,639	1,984	-	-	3,939	12,497	-	12,497	7,890	-
	TOTAL	35,369	37,045	5,511	-	9,625	11,984	99,534	-	99,534	78,060	22,818
MICHIGAN	BLUE WATER BRIDGE MCKINAC STRAITS BRIDGE SAULT STE. MARIE BRIDGE	3,264	818	1,064	-	-	-	4,082	-	4,082	14,170	-
	TOTAL	3,264	1,956	1,600	-	1,266	-	3,818	-	3,818	422	1,039
TOTAL	3,264	6,152	1,600	-	-	1,266	-	12,362	-	12,362	14,592	1,039

DISBURSEMENTS FOR STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1989

TABLE SF-4B
SUMMARY OF
OCTOBER 1990

COMPILED FROM REPORTS OF STATE AUTHORITIES (THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATIONS	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT	INTEREST ON OBLIGATIONS	RETIREMENT OF OBLIGATIONS	SUBTOTAL DIRECT EXPENDITURES	TRANSFERS TO STATE OR OTHER PURPOSES	TOTAL DISBURSEMENTS	BALANCES END OF YEAR 4/	
											RESERVES FOR CONSTRUCTION OPERATION, ETC.	RESERVES FOR DEBT SERVICE
NEW HAMPSHIRE	NEW HAMPSHIRE TURNPIKE SYSTEM	32,855	12,407	10,508	1,680	12,986	4,160	74,596	-	74,596	92,302	-
NEW JERSEY	VARIOUS TOLL BRIDGES	12,016	7,199	8,094	-	4,063	280	31,641	2,500	34,141	46,947	6,957
	ATLANTIC CITY EXPRESSWAY	28,957	12,994	22,509	3,190	36,006	79,749	133,287	10,000	248,287	16,856	8,930
	GARDNER STATE TURNPIKE	176,235	79,269	36,831	16,484	187,016	-	498,819	12,000	508,819	232,287	80,773
	NEW JERSEY TURNPIKE SYSTEM	216,208	154,628	72,461	33,323	229,686	82,215	789,721	24,500	813,221	1,560,631	299,461
NEW YORK	CORNWALL-HASSENA BRIDGE	7	1,490	166	-	-	-	1,653	55	1,718	-	-
	GEORGE WASHINGTON AND STATEN ISLAND BRIDGES	198,100	61,342	-	-	-	-	199,442	136,018	335,460	-	-
	HOLTS AND VAN KILL TUNNELS	8,560	7,936	2,495	-	1,311	4,441	24,743	-	24,743	35,272	5,731
	KINGBURGH-BRECON BRIDGES	2,011	716	205	-	-	-	921	284	1,205	-16,945	-
	PERCE BRIDGE	2,910	8,145	1,183	-	37	250	11,826	200	12,026	10,022	295
	RAINBOW, LEWISTON-QUEENSTON, AND WHIRLPOOL RAPIDS BRIDGES	126,442	2,522	623	-	406	707	11,867	-	12,574	7,566	3,734
THOUSAND ISLANDS BRIDGES	280,030	186,752	27,219	22,346	10,923	36,904	564,174	136,557	700,731	284,937	87,120	
THOMAS E. DEWEY THRUWAY	-	15,806	-	-	-	-	-	15,806	-	15,806	-	-
TOTAL	CEDAR ISLAND AND SOUTHPORT-FT. FISHER FERRIES	-	15,806	-	-	-	-	15,806	-	15,806	-	-
NORTH CAROLINA	OHIO TURNPIKE	51,900	24,096	12,679	6,826	409	-	95,910	-	95,910	50,020	206
OHIO	OKLAHOMA TURNPIKE SYSTEM	8,945	15,546	1,017	4,122	35,683	175,866	241,171	-	241,171	415,680	57,565
OKLAHOMA	ASTORIA-PT. ELLICE BRIDGE	943	314	-	-	148	800	2,205	-	2,205	-	-
OREGON	DELAWARE RIVER BRIDGES	12,563	32,671	11,337	17,762	109,747	184,100	205,677	21,577	227,254	120,588	27,482
PENNSYLVANIA	PENNSYLVANIA TURNPIKE SYSTEM	89,010	55,493	35,769	10,898	56,124	5,136	246,430	-	246,430	1,013,136	86,157
	TOTAL	95,593	88,164	47,106	10,898	73,886	114,893	430,530	21,577	452,107	1,133,726	113,019
RHODE ISLAND	MT. HOPE AND JAMESTOWN-NEWPORT BRIDGES	3,161	1,038	941	-	2,138	750	8,028	-	8,028	16,661	-2,818
RHODE ISLAND	CUMBERLAND CITY AND CLIFTON FERRIES	-	346	-	-	-	-	346	-	346	-	-
TENNESSEE	MOUNTAIN CREEK LAKE BRIDGE	-	257	150	-	269	-	676	-	676	10,732	1,309
TEXAS	HOUSTON SHIP CHANNEL BRIDGE	6,160	1,147	1,226	-	354	-	1,863	-	1,863	59,620	26,726
	DALLAS NORTH TOLLWAY	6,163	7,201	1,781	-	10,296	225,331	246,809	-	246,809	59,620	26,726
VIRGINIA	TOTAL	1,248	5,481	1,148	-	10,898	225,331	251,374	-	251,374	70,529	39,773
	CHESAPEAKE BAY BRIDGE AND TUNNEL SYSTEM	7,364	2,408	1,148	-	7,690	11,785	27,232	-	27,232	32,166	6,234
	NORFOLK-VIRGINIA BEACH TOLL ROAD	19,993	10,196	-	-	613	642	11,027	-	11,027	27,764	-
	RICHMOND-PETERSBURG TURNPIKE	-	2,387	-	-	3,375	1,640	30,189	-	30,189	42,368	-
	DULLES TOLL ROAD	-	822	-	-	7,917	-	8,739	-	8,739	6,154	-
	JAMESTOWN FERRY	-	429	-	-	-	-	11,043	-	11,043	1,514	-
TOTAL	HOOD CANAL BRIDGE; PUGET SOUND FERRY SYSTEM	29,127	24,485	1,148	-	19,495	14,047	68,302	-	68,302	135,655	6,234
WASHINGTON	MAPLE STREET (SPOKANE) BRIDGE	31,946	60,891	420	-	8,671	5,523	127,991	-	127,991	70,739	8,349
WASHINGTON	TOTAL	31,946	81,176	420	-	8,794	5,843	128,179	-	128,179	72,509	8,505
WEST VIRGINIA	WEST VIRGINIA TURNPIKE	4,847	9,786	1,532	1,065	1,660	-	19,090	-	19,090	35,642	7,277
SUMMARY	TOTAL BRIDGE AND TUNNEL FACILITIES	286,962	320,091	47,642	11,255	74,576	398,545	1,079,971	238,041	1,317,912	791,565	148,977
	TOTAL ROAD FACILITIES	954,823	610,223	199,574	97,267	556,921	893,924	3,020,569	207,280	3,227,849	4,772,580	1,018,127
	TOTAL FERRY FACILITIES	869	81,289	9,252	-	1,124	4,214	92,548	-	92,548	1,127	366
GRAND TOTAL	1,242,454	1,012,309	242,889	108,522	612,291	956,213	4,214,678	4,859,999	445,321	5,495,320	5,495,323	1,167,404

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

STATE RECEIPTS AND DISBURSEMENTS FOR MASS TRANSPORTATION - 1989

TABLE SMT
OCTOBER 1990

(THOUSANDS OF DOLLARS)

STATE	RECEIPTS										DISBURSEMENTS						
	HIGHWAY- USER TAX REVENUES 1/	ROAD CROSSING TOLLS	OTHER IMPOSTS, GENERAL FUND REVENUES	FEDERAL FUNDS	TRANSFERS FROM LOCAL GOVERN- MENTS	BOND PROCEEDS	MISCEL- LANEOUS	TOTAL RECEIPTS	CAPITAL OUTLAY	OPERATING ASSISTANCE	ADMINIS- TRATION	DEBT SERVICE	TRANSFER	OTHER	TOTAL DISBURSE- MENTS		
ALABAMA	-	-	21	350	-	-	-	371	350	-	-	-	-	-	371		
ALASKA	-	-	1,237	931	-	-	-	1,237	440	94	-	-	-	-	1,237		
ARIZONA	-	-	-	2,638	-	-	2/ 20,735	2,638	1,145	694	-	-	-	-	21,597		
ARKANSAS	-	-	241	-	-	-	-	241	-	-	-	-	-	-	2,879		
CALIFORNIA	332,012	11,769	110,000	121,708	-	-	14,601	590,472	163,247	392,577	4,728	-	-	41,491	602,043		
COLORADO	9,227	-	-	-	362	-	-	9,227	13,022	9,073	155	-	-	-	9,228		
CONNECTICUT	68,763	5,801	35,035	39,298	-	-	167	143,263	13,022	100,297	8,663	-	-	-	134,243		
DELAWARE	-	-	2,091	-	-	-	317	2,091	2,865	5,217	145	-	-	-	8,227		
DIST. OF COL.	28,717	-	73,940	330	-	4,415	10,463	117,885	8,387	105,876	600	-	3,003	-	117,866		
FLORIDA	81,020	-	5,458	-	-	-	-	86,478	75,008	7,045	4,425	-	-	-	86,478		
GEORGIA	-	-	171,754	5,925	-	-	-	177,679	914	90	2,738	-	-	-	177,680		
IDAHO	-	-	1,525	-	-	-	-	1,525	75	1,200	250	-	-	-	1,525		
ILLINOIS	5	-	-	500	-	-	-	500	-	500	5	-	-	-	505		
INDIANA	-	-	114,276	7,367	-	49,252	140	171,035	6,970	168,846	1,094	-	-	-	176,860		
IOWA	-	-	18,568	3,392	-	-	-	21,960	21,046	2,472	-	-	-	-	21,960		
KANSAS	-	-	4,160	5,685	-	-	-	9,845	210	4,384	1,643	-	3,400	-	9,845		
KENTUCKY	-	-	-	1,018	211	-	-	211	-	-	223	-	-	-	223		
LOUISIANA	-	-	451	1,533	64	-	-	1,533	162	234	222	-	-	-	618		
MAINE	-	-	3,781	5,224	-	-	-	9,005	2,653	5,613	16	-	-	-	9,005		
MARYLAND	-	-	400	2,352	-	-	-	2,752	1,448	1,067	102	-	-	-	2,617		
MASSACHUSETTS	1,031	-	131,863	44,812	-	-	63,361	241,067	103,220	125,696	12,152	-	-	-	241,068		
MICHIGAN	125,746	-	190,066	3,871	-	-	357	320,040	1,872	214,530	3,139	-	-	-	320,040		
MINNESOTA	104,177	-	44,446	4,159	-	-	11,063	163,845	24,860	115,300	7,114	-	-	-	167,834		
MISSISSIPPI	32	-	15,003	2,647	-	-	-	20,162	1,910	16,619	1,634	-	-	-	20,163		
MISSOURI	-	-	-	30	-	-	-	30	-	1,471	62	-	-	-	62		
MONTANA	146	-	1,556	-	-	-	-	1,556	55	71	85	-	-	-	1,556		
NEBRASKA	1,000	-	-	1,433	-	-	-	2,433	146	1,760	140	-	-	-	2,433		
NEVADA	384	-	-	317	-	-	-	701	441	172	87	-	-	-	700		
NEW HAMPSHIRE	22	-	-	1,610	-	-	-	1,632	-	1,610	22	-	-	-	1,632		
NEW JERSEY	-	-	87,373	2,196	-	-	-	90,569	74,678	211,484	62,601	-	-	-	361,780		
NEW MEXICO	353	-	-	-	-	-	-	353	72	280	-	-	-	-	352		
NEW YORK	7,675	61,415	1,092,572	13,491	-	17,800	2/ 129,240	1,314,518	178,685	1,057,691	-	65,320	12,842	-	1,314,518		
NORTH CAROLINA	214	-	-	770	-	-	-	984	4,328	57	2,933	-	-	-	7,862		
NORTH DAKOTA	25,466	-	-	6,460	-	-	-	31,926	7,834	23,663	430	-	-	-	31,927		
OKLAHOMA	-	-	2,170	-	-	-	-	2,170	-	1,977	-	-	-	-	1,977		
OREGON	238	-	11,279	1,924	-	-	-	13,203	5,721	6,919	563	-	-	-	13,203		
PENNSYLVANIA	12,880	18,379	245,656	2,715	-	30,741	2/ 146,465	444,134	11,518	396,031	4,067	-	-	-	444,133		
RHODE ISLAND	-	-	-	1,243	-	-	-	1,243	2,759	9,572	122	-	-	-	14,123		
SOUTH CAROLINA	425	-	-	3,909	-	-	2,830	7,165	4,620	2,246	299	-	-	-	7,165		
SOUTH DAKOTA	-	-	60	1,037	429	-	-	1,526	414	645	467	-	-	-	1,526		
TENNESSEE	9,860	-	-	3,183	-	-	-	13,043	2,393	7,559	2,994	-	-	-	12,946		
TEXAS	-	-	-	12,676	-	-	-	12,676	12,973	216	250	-	-	-	13,439		
UTAH	-	-	25,703	5,243	-	-	2/ 5,934	36,880	5,000	25,880	6,000	-	-	-	36,880		
VERMONT 3/	-	-	76,346	3,501	-	-	1,657	81,504	29,762	49,746	1,716	-	409	-	75,633		
VIRGINIA	158,908	-	-	2,840	66	-	356	162,170	56,875	863	893	-	-	-	159,400		
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST VIRGINIA	47,728	-	1,179	2,976	-	-	-	50,706	695	484	1,948	-	-	-	50,706		
WISCONSIN	-	-	58	1,747	324	-	78	2,207	889	611	447	-	-	-	1,947		
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL 3/	1,018,542	97,364	2,460,660	329,138	1,476	102,208	679,976	4,689,364	810,411	3,140,820	136,229	245,039	317,083	42,623	4,692,205		

1/ HIGHWAY-USER TAX REVENUES INCLUDE MOTOR-FUEL AND MOTOR-VEHICLE REVENUE.
 2/ IN MARYLAND, NEW JERSEY, NEW YORK, AND UTAH, INCLUDES \$63,361,000, \$272,212,000, \$129,240,000, AND \$5,934,000, RESPECTIVELY, FROM FARES. IN DISTRICT OF COLUMBIA, INCLUDES \$10,463,000 FROM PARKING METERS. IN ARIZONA, INCLUDES \$20,700,000 FROM THE LOTTERY FUND. IN PENNSYLVANIA, INCLUDES \$131,757,000 FROM THE LOTTERY FUND AND \$14,708,000 FROM FARES.
 3/ 1989 STATE HIGHWAY FINANCE DATA NOT REPORTED FOR VERMONT.

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

TABLE 1B-2
AUGUST 1990

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 BEGINNING OF YEAR 2/	ISSUED	REDEEMED			
			ORIGINAL	REFUNDING BONDS, FUNDING NOTES	FROM CURRENT OR SINKING FUNDS	BY REFUNDING			EXTENSIONS		FROM CURRENT SINKING FUNDS	BY EXTENSIONS OR FUNDING
ALABAMA 3/	41,817	22,717	-	9,602	54,176	1,756	1,843	-	1,278	-	2,021	58,197
ALASKA 4/	102,963	61,323	-	7,000	96,083	-	-	-	-	-	-	96,083
ARIZONA 5/	39,796	-	-	5,940	95,178	-	-	-	-	-	-	95,178
ARKANSAS 4/	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	19,531	7,453	10,449	8,977	26,007	248	-	-	120	-	128	26,007
COLORADO	774,633	102,367	-	8,343	878,506	96	-	-	25	-	70	878,734
CONNECTICUT 4/	1,948	-	-	300	1,563	-	-	-	-	-	-	1,623
DELAWARE 3/	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 4/	441,350	80,000	-	42,625	468,115	10,610	2,500	-	5,305	-	7,805	475,920
GEORGIA 4/	148,284	10,000	-	7,600	150,484	-	-	-	-	-	-	150,484
HAWAII	1,620	-	-	57	1,563	-	-	-	-	-	-	1,563
IDAHO	68	-	-	3	65	-	-	-	-	-	-	68
ILLINOIS 4/	5,827	3,000	-	300	3,700	2,627	6,500	-	1,414	-	7,913	11,613
INDIANA	12,356	1,000	-	950	11,405	867	-	-	-	-	-	11,405
IOWA	86,991	86,124	-	8,612	77,512	-	-	-	434	-	433	77,945
KANSAS 4/	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY 4/	4,813	3,600	-	180	3,420	1,213	-	-	607	-	606	4,026
LOUISIANA	163,206	163,112	-	33,421	160,951	187	12	-	48	-	58	161,009
MARYLAND 3/ 4/	1,054	138	-	287	718	187	31	-	187	-	31	749
MARYLAND 3/ 4/	347,793	346,872	30,000	35,000	341,872	921	-	-	461	-	460	342,332
MASSACHUSETTS 4/	2,239	150	-	224	2,165	1,254	1,500	-	627	-	2,127	4,292
MINNESOTA 4/	43,363	6,000	-	10,000	39,363	7,231	2,500	-	3,615	-	6,127	45,889
MISSISSIPPI 4/	61,706	12,014	-	5,947	47,364	479	6,789	-	781	-	6,489	53,853
MISSISSIPPI 4/	65,706	9,000	-	6,498	67,484	724	400	-	362	-	762	69,246
MISSOURI 4/	86,979	74,128	-	7,419	67,215	12,851	750	-	1,285	-	12,316	79,531
MONTANA 5/	40,474	40,474	-	2,707	37,407	265	-	-	-	-	-	427
NEBRASKA 4/	113,145	113,145	-	5,657	110,488	-	-	-	125	-	165	110,488
NEVADA 4/	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE 4/	16,166	5,091	-	509	4,582	11,075	-	-	1,108	-	9,967	14,549
NEW JERSEY 4/	33,604	10,104	-	1,010	11,094	23,500	10,000	-	2,350	-	31,150	42,244
NEW MEXICO 4/	11,336	11,336	-	1,134	10,201	-	-	-	-	-	-	10,201
NEW YORK 4/	419,090	356,132	60,000	64,025	352,107	62,958	25,000	-	31,500	-	56,458	408,566
NORTH CAROLINA 3/ 4/	1,018	-	-	-	703	161	150	-	80	-	231	934
NORTH DAKOTA 4/	19,198	7,510	-	2,537	8,423	11,388	10,799	-	11,266	-	13,578	22,001
OKLAHOMA	8,233	8,233	-	1,200	7,111	-	561	-	115	-	7,557	8,233
OREGON	40,827	683	-	4,625	36,885	-	-	-	-	-	-	38,210
PENNSYLVANIA 4/	43,315	6,000	-	8,030	41,315	-	-	-	-	-	-	41,315
RHODE ISLAND 4/	255	-	-	50	205	-	-	-	-	-	-	215
SOUTH CAROLINA	1,000	1,000	-	50	950	-	-	-	16	-	34	984
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE	28,775	20,539	-	2,747	21,293	8,136	3,184	-	2,430	-	8,890	30,189
TEXAS	1,916,037	1,916,021	81,412	37,382	1,960,051	-	-	-	-	-	-	1,960,059
UTAH	1,040	1,040	-	100	940	-	-	-	8	-	8	940
VERMONT 4/	3,148	1,000	-	300	3,665	193	250	-	216	-	217	3,882
VIRGINIA 3/ 4/	115,000	10,000	-	10,400	103,600	11,000	-	-	11,000	-	-	103,600
WASHINGTON	99,282	3,584	-	4,478	98,368	-	-	-	-	-	-	98,368
WEST VIRGINIA 3/	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN	76,831	19,028	-	14,705	61,154	-	-	-	-	-	-	81,154
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5,430,132	5,260,093	567,189	352,903	5,484,992	170,039	73,869	2,657	76,793	-	169,802	5,654,794

1/ THIS TABLE SHOWS THE CHANGE IN STATUS OF THE HIGHWAY OBLIGATIONS OF COUNTY AND TOWNSHIP GOVERNMENTS INCLUDING TOLL AUTHORITIES. REFER TO NOTE 1 OF TABLE LF-1 FOR ADDITIONAL INFORMATION ON LOCAL HIGHWAY FINANCE SERIES.
 2/ ANY DIFFERENCE BETWEEN LOCAL HIGHWAY FINANCE SERIES AND THE TOTAL DEBT OUTSTANDING AT THE BEGINNING OF THE YEAR AND THE AMOUNT OUTSTANDING AT THE END OF THE YEAR IS THE RESULT OF THE PREVIOUS YEAR'S 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 MARYLAND. THE STATE PERFORMS THE HIGHWAY FUNCTION IN SIX COUNTIES. DATA FOR THESE SYSTEMS ARE INCLUDED IN THE STATE HIGHWAY FINANCE SERIES.
 4/ ESTIMATED BY FHWA.
 5/ 1989 DATA.

DISBURSEMENTS BY MUNICIPALITIES FOR HIGHWAYS - 1988

Table with columns: STATE, CAPITAL OUTLAY, MAINTENANCE, TRAFFIC POLICE, ADMINISTRATION AND MISCELLANEOUS, INTEREST, SUBTOTAL CURRENT DISBURSEMENTS, DEBT RETIREMENT, TRANSFERS TO STATE GOVERNMENTS, LOCAL GOVERNMENTS, NON-HIGHWAY, TOTAL. Includes a footer with explanatory notes for various symbols and a reference to Table LF-1.

CHANGE IN INDEBTEDNESS DURING YEAR¹
MUNICIPAL OBLIGATIONS FOR HIGHWAYS - 1988

TABLE UB-2
AUGUST 1990

(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 BEGINNING OF YEAR 2/	ISSUED	REDEEMED				
				REFUNDING BONDS, FUNDING NOTES	ORIGINAL			FROM CURRENT SINKING FUNDS	BY EXTENSIONS OR FUNDING		EXTENSIONS	FROM CURRENT SINKING FUNDS
ALABAMA	22,508	10,016	-	-	-	33	257	-	-	194	31,361	
ALASKA 3/	119,764	14,000	-	-	-	8	-	-	-	4	125,268	
ARIZONA 4/	329,227	143,167	-	-	-	6,281	421	-	-	6,423	456,892	
ARKANSAS 3/	10,279	-	-	-	-	-	-	-	-	-	8,184	
CALIFORNIA	484,220	154,037	-	-	-	-	7,430	-	-	7,430	580,067	
COLORADO	223,754	222,171	1,707	-	-	1,583	9,800	-	-	8,260	220,893	
CONNECTICUT 3/	51,369	49,448	-	-	-	1,939	1,000	-	-	2,111	55,559	
DELAWARE	7,866	8,000	-	-	-	46	856	-	-	902	10,716	
FLORIDA 3/	145,027	198,535	-	-	-	6,492	2,000	-	-	5,246	198,393	
GEORGIA 3/	25,142	25,142	-	-	-	-	-	-	-	-	25,842	
HAWAII	54,665	54,665	-	-	-	-	-	-	-	-	59,892	
IDAHO	1,727	1,727	-	-	-	-	-	-	-	-	1,641	
ILLINOIS 3/	174,955	174,615	-	-	-	340	500	-	-	670	167,540	
INDIANA	70,800	70,800	-	-	-	-	-	-	-	-	67,470	
IOWA	294,289	294,289	-	-	-	6,514	-	-	-	-	279,493	
KANSAS 3/	214,247	207,733	-	-	-	-	-	-	-	3,257	190,217	
KENTUCKY 3/	4,937	4,907	-	-	-	-	-	-	-	70	4,936	
KYENTUCKY 3/	259,983	257,981	-	-	-	130	630	-	-	810	323,797	
LOUISIANA	269,776	46,808	-	-	-	968	-	-	-	788	34,379	
MARYLAND 3/	128,354	128,354	-	-	-	-	-	-	-	-	123,354	
MASSACHUSETTS 3/	66,570	63,130	-	-	-	3,440	2,000	-	-	1,720	70,597	
MICHIGAN 3/	92,524	92,524	-	-	-	-	-	-	-	-	67,524	
MINNESOTA	597,869	597,869	-	-	-	-	-	-	-	-	633,801	
MISSISSIPPI 3/	112,473	112,473	-	-	-	-	-	-	-	-	111,226	
MISSOURI 3/	96,363	96,363	-	-	-	-	-	-	-	-	84,457	
MONTANA 4/	218,539	207,669	-	-	-	10,935	3,925	-	-	4,534	22,549	
NEBRASKA	7,251	7,251	-	-	-	-	-	-	-	-	633,801	
NEVADA 3/	23,892	23,509	-	-	-	183	-	-	-	91	198,566	
NEW HAMPSHIRE 3/	199,834	3,638	-	-	-	196,196	40,000	-	-	216,576	220,800	
NEW JERSEY 3/	12,790	12,790	-	-	-	89,028	40,000	-	-	84,528	1,913,442	
NEW MEXICO 3/	1,928,892	1,839,864	-	-	-	1,828,917	40,000	-	-	44,500	1,913,442	
NEW YORK 3/	94,318	94,099	-	-	-	249	-	-	-	200	127,158	
NORTH CAROLINA	123,174	123,174	-	-	-	117,174	-	-	-	-	117,174	
NORTH DAKOTA 3/	389,826	289,826	-	-	-	90,209	29,251	-	-	32,683	257,375	
OHIO	61,557	61,557	-	-	-	-	-	-	-	-	80,317	
OKLAHOMA 3/	121,104	118,073	-	-	-	3,031	4,081	-	-	1,723	110,908	
OREGON	110,957	110,957	-	-	-	-	-	-	-	-	100,457	
PENNSYLVANIA 3/	63,266	63,266	-	-	-	-	-	-	-	-	54,409	
RHODE ISLAND 3/	3,832	3,832	-	-	-	-	-	-	-	2	3,678	
SOUTH CAROLINA	13,836	13,836	-	-	-	-	-	-	-	-	13,337	
SOUTH DAKOTA	105,803	105,274	-	-	-	529	-	-	-	391	94,845	
TENNESSEE	2,413,490	2,413,490	-	-	-	2,564,997	-	-	-	-	2,564,997	
TEXAS	-	-	-	-	-	-	-	-	-	-	-	
UTAH	397	397	-	-	-	-	-	-	-	-	369	
VIRGINIA 3/	328,959	328,959	-	-	-	369	-	-	-	-	327,438	
WASHINGTON	123,386	123,386	-	-	-	143,577	-	-	-	-	143,577	
WEST VIRGINIA 3/	6,760	6,760	-	-	-	5,363	-	-	-	-	5,363	
WISCONSIN	439,422	439,422	-	-	-	459,387	-	-	-	5	453,387	
WYOMING	7,297	7,297	-	-	-	6,218	-	-	-	-	6,222	
TOTAL	10,421,757	10,001,636	4,924	1,309,634	985,982	28,567	10,301,645	420,121	139,289	20,419	122,547	10,758,927

1/ THIS TABLE RECORDS THE CHANGE DURING THE YEAR IN HIGHWAY INDEBTEDNESS OF LOCAL MUNICIPAL GOVERNMENTS INCLUDING THAT OF MUNICIPAL TOLL AUTHORITIES. SEE TABLE LF-1. NOTE 1. FOR ADDITIONAL INFORMATION ON THE LOCAL HIGHWAY FINANCE SERIES.

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

3/ ESTIMATED BY FHMA.

4/ 1989 DATA.

RECEIPTS OF COUNTY TOLL FACILITIES - 1988¹

TABLE LF-32
AUGUST 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

STATE	NAME OF FACILITY	OPERATING AUTHORITY	ROAD AND CROSSING TOLLS	NET INVESTMENT INCOME	CONCESSIONS AND RENTALS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
CALIFORNIA	GOLDEN GATE BRIDGE	GOLDEN GATE BRIDGE AND HIGHWAY DISTRICT	28,033	1,411	-	602	-	30,046
COLORADO	E-470 BELTWAY 2/	E-470 AUTHORITY	-	5,578	-	23,996	64,710	94,284
FLORIDA	BISCAYNE KEY (RICKENBACKER) CAUSEWAY 3/ CARD SOUND TOLL BRIDGE 3/ SARIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY 3/ VENETIAN CAUSEWAY 3/ TOTAL	DADE COUNTY PORT AUTHORITY MONROE COUNTY LEE COUNTY DADE COUNTY PORT AUTHORITY	4,475 900 4,400 569	350 20 330 -	-	200 - - -	-	5,025 920 4,730 569 11,244
ILLINOIS	NEW HARMONY BRIDGE	WHITE COUNTY BRIDGE COMMISSION	268	10	5	-	-	283
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	GREATER NEW ORLEANS EXPRESSWAY COMMISSION	5,984	3,530	-	4/ 6,105	-	15,619
MICHIGAN	DRUMMOND ISLAND FERRY IRONTON FERRY TOTAL	CHIREWA COUNTY ROAD COMMISSION CHARLEVOIX COUNTY ROAD COMMISSION	564 84 648	- -	-	487 54 541	-	1,051 138 1,189
MISSOURI	PLATTE PURCHASE BRIDGE ST. FRANCISVILLE BRIDGE TOTAL	PLATTE COUNTY WAYLAND SPECIAL ROAD DISTRICT	385 265 640	14 7 21	8 -	- 6 6	-	407 268 675
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	BURT COUNTY BRIDGE COMMISSION	202	9	8	-	-	219
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE TACONY-PALMYRA BRIDGE CAPE MAY COUNTY BRIDGES TOTAL	BURLINGTON COUNTY BRIDGE COMMISSION BURLINGTON COUNTY BRIDGE COMMISSION CAPE MAY BRIDGE COMMISSION	2,883 6,799 2,579 12,261	- 603 240 843	- -	- 23 57 80	-	2,883 7,425 2,876 13,184
NEW YORK	ATLANTIC BEACH BRIDGE	NASSAU COUNTY BRIDGE AUTHORITY	2,921	196	-	-	-	3,117
OREGON	BUENA VISTA FERRY WHEATLAND FERRY TOTAL	POLK COUNTY ROAD DEPARTMENT MARION COUNTY ROAD DEPARTMENT	1 108 109	- -	-	17 61 78	-	18 169 187
PENNSYLVANIA	FREDERICKTOWN FERRY	FAYETTE/WASHINGTON COUNTY JOINT FERRY SERVICE	23	1	-	-	-	24
TENNESSEE	SALTILLO FERRY	HARROLD COUNTY HIGHWAY DEPARTMENT	13	-	-	35	-	48
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE ROMA INTERNATIONAL TOLL BRIDGE SAN LUIS PASS-VACEK BRIDGE HARRIS COUNTY TOLL ROAD TOTAL	CAMERON COUNTY STARR COUNTY GALVESTON COUNTY HARRIS COUNTY TOLL ROAD AUTHORITY	3,152 708 387 13,249 17,496	- - 19,332 19,332	-	168 64 135 - 367	- - 19,843 13,843	3,320 772 522 46,424 51,038
WASHINGTON	GUEMES ISLAND FERRY LUMMI ISLAND-GODSEBERRY POINT FERRY PUGET ISLAND FERRY STIELLACOOM (TACOMA-MCNEIL-ANDERSON) FERRY TOTAL	SKAGIT COUNTY WHATCOM COUNTY HAKTACUM COUNTY PIERCE COUNTY	208 38 54 311 671	- - - -	-	299 443 220 384 1,346	-	507 541 274 695 2,017
GRAND TOTAL			79,613	31,631	21	33,356	78,553	223,174

1/ THIS TABLE IS CONCERNED WITH THE RECEIPTS FOR PUBLICLY OWNED TOLL FACILITIES OPERATED BY COUNTY GOVERNMENTS, LOCAL ROAD AND BRIDGE DISTRICTS AND SPECIALLY CREATED AUTHORITIES. FACILITIES OWNED BY COUNTIES BUT LOCATED IN URBAN AREAS ARE ALSO INCLUDED. FOR ADDITIONAL INFORMATION ON LOCAL HIGHWAY FINANCE SERIES, SEE NOTE 1 OF TABLE LF-1.
2/ 1989 DATA BY FHWA.
3/ ESTIMATED.
4/ INCLUDES \$6.5 MILLION FROM STATE HIGHWAY FUND NUMBER 2.

DISBURSEMENTS FOR COUNTY TOLL FACILITIES - 1988¹

TABLE LF-42
AUGUST 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	ADMINIS- TRATION MISCELL- LANEUS	TRAFFIC POLICE	INTEREST	DEBT REPAY- MENT	SUBTOTAL CURRENT DISBURSE- MENTS	TRANSFERS 2/	TOTAL DISBURSE- MENTS	DEBT OUTSTANDING	
											BEGINNING OF YEAR	AT END OF YEAR
CALIFORNIA	GOLDEN GATE BRIDGE	1,179	17,527	-	-	-	-	18,706	3/ 12,028	30,734	-	-
COLORADO	E-470 BELTWAY 4/	28,539	-	1,974	-	7,364	-	37,877	-	37,877	-	64,710
FLORIDA	BISCAYNE KEY (TRICKENBACKER) CAUSEWAY 5/ CARD SOUND TOLL BRIDGE 5/ SANIBEL-CAPTIVA TOLL BRIDGE AND CAUSEWAY 5/ VENETIAN CAUSEWAY 5/	600 - - 5	1,000 600 550 430	720 25 230 220	- - - -	1,484 50 436 -	1,854 100 671 -	5,658 775 1,887 655	- - 475 -	5,658 2,362 6,710 655	18,544 1,003 6,710 -	16,690 903 6,039 -
	TOTAL	605	2,590	1,195	-	1,970	2,625	8,975	475	9,450	26,257	23,632
ILLINOIS	NEW HARMONY BRIDGE	2	138	100	-	-	-	240	-	240	-	-
LOUISIANA	GREATER NEW ORLEANS EXPRESSWAY	7,175	4,116	1,003	697	5,307	24,640	42,938	-	42,938	87,040	62,400
MICHIGAN	DRUMMOND ISLAND FERRY IRONTON FERRY	- 69	773 59	194 7	- -	- -	- -	967 136	- -	967 136	- -	- -
	TOTAL	69	832	201	-	-	-	1,102	-	1,102	-	-
MISSOURI	PLATTE PURCHASE BRIDGE ST. FRANCISVILLE BRIDGE	- -	148 67	51 111	- -	128 -	154 -	481 176	- 100	481 276	2,561 -	2,407 -
	TOTAL	-	215	162	-	128	154	659	100	759	2,561	2,407
NEBRASKA	BURT COUNTY MISSOURI RIVER (DECATUR) BRIDGE	-	101	13	-	-	19	133	-	133	1,112	1,093
NEW JERSEY	BURLINGTON-BRISTOL BRIDGE TACONY-PALMYRA BRIDGE CAPE MAY COUNTY BRIDGES	- 250 -	2,712 5,714 1,432	433 1,085 551	363 722 -	- 20 -	- 175 -	3,508 7,521 2,428	5 46 -	3,513 7,567 2,428	- - 540	- 365 365
	TOTAL	250	9,858	2,069	1,085	20	175	13,457	51	13,508	540	365
NEW YORK	ATLANTIC BEACH BRIDGE	-	1,182	593	-	256	25	2,056	-	2,056	1,895	1,870
OREGON	BUENA VISTA FERRY WHEATLAND FERRY	- -	14 145	3 24	- -	- -	- -	17 169	- -	17 169	- -	- -
	TOTAL	-	159	27	-	-	-	186	-	186	-	-
PENNSYLVANIA	FREDERICKTOWN FERRY	-	24	4	-	-	-	28	-	28	-	-
TENNESSEE	SALTILLO FERRY	-	46	2	-	-	-	48	-	48	-	-
TEXAS	CAMERON COUNTY INTERNATIONAL TOLL BRIDGE ROMA INTERNATIONAL TOLL BRIDGE SAN LUIS PASS-VACEK BRIDGE HARRIS COUNTY TOLL ROAD	417 - 24 119,803	401 115 181 13,837	155 101 96 3,285	- - - -	3 74 77 56,747	- 20 200 -	976 310 518 193,672	2,200 461 -	3,176 771 518 193,672	40 985 1,750 1,097,500	40 965 1,550 1,111,343
	TOTAL	120,244	14,534	3,577	-	56,901	220	195,476	2,661	198,137	1,100,275	1,113,898
WASHINGTON	QUEMES ISLAND FERRY LUMMI ISLAND-GOOSEBERRY POINT FERRY PUGET ISLAND FERRY STEILACOOH (TACOMA-MCNEIL-ANDERSON) FERRY	- - - 10	507 541 274 684	- - - -	- - - -	- - - -	- - - -	507 541 274 694	- - - -	507 541 274 694	- - - -	- - - -
	TOTAL	10	2,006	-	-	-	-	2,016	-	2,016	-	-
GRAND TOTAL		158,073	53,318	10,920	1,782	71,946	27,858	323,897	15,315	339,212	1,219,660	1,270,375

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

2/ PAYMENTS TO COUNTY GENERAL FUNDS FOR HIGHWAY AND OTHER PURPOSES.
3/ FOR PARS TRANSPORTATION PURPOSES.
4/ 1989 DATA.
5/ ESTIMATED BY FHWA.

RECEIPTS OF MUNICIPAL TOLL FACILITIES - 1988¹

(THOUSANDS OF DOLLARS)

TABLE UF-32
AUGUST 1990

STATE	NAME OF FACILITY	OPERATING AUTHORITY	ROAD AND CROSSING TOLLS	NET INVESTMENT INCOME	CONCESSIONS AND RENTALS	MISCELLANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
COLORADO	PIKES PEAK TOLL HIGHWAY	CITY OF COLORADO SPRINGS	824	40	205	-	-	1,069
FLORIDA	BROAD CAUSEWAY 2/ CLEARWATER TOLL BRIDGE 2/ TREASURE ISLAND CAUSEWAY 2/ TOTAL	TOWN OF BAY HARBOR ISLANDS CITY OF CLEARWATER CITY OF TREASURE ISLAND	1,700 930 1,225 3,855	105 125 220 450	60 - - 60	3 60 1 54	-	1,868 1,105 1,446 4,419
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE CHESTER (MISSISSIPPI RIVER) BRIDGE MCKINLEY BRIDGE ROCK ISLAND CENTENNIAL BRIDGE TOTAL	CITY OF CHICAGO CITY OF CHESTER CITY OF VENICE CITY OF ROCK ISLAND	13,476 615 2,887 1,590 18,568	333 35 86 85 539	- - 251 251	36 - 19 55	-	13,845 650 3,243 1,675 19,413
IOWA	MACARTHUR (BURLINGTON) BRIDGE	CITY OF BURLINGTON	853	190	-	1	-	1,044
MINNESOTA	BAUDETTE-RAINY RIVER INTERNATIONAL BRIDGE	VILLAGE OF BAUDETTE	260	7	14	7	-	288
MISSOURI	BROADWAY BRIDGE 2/	CITY OF KANSAS CITY	1,825	375	-	-	-	2,200
NEBRASKA	BELLEVUE BRIDGE	BELLEVUE BRIDGE COMMISSION	407	7	2	-	-	416
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS 3/ BATTERY STATEN ISLAND FERRY TOTAL	TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY CITY OF NEW YORK	546,605 3,190 549,795	21,920 - 21,920	15,901 1,359 17,260	- 4/ 29,720 29,720	-	584,426 34,269 618,695
OREGON	CASCADE LOCKS BRIDGE HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE TOTAL	PORT OF CASCADE LOCKS COMMISSION PORT OF HOOD RIVER COMMISSION	475 1,123 1,598	- - -	- - -	- - -	-	475 1,123 1,598
TEXAS	DEL RIO INTERNATIONAL BRIDGE EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE LAREDO-NUEVO LAREDO INTERNATIONAL BRIDGE MCALLEN INTERNATIONAL TOLL BRIDGE EL PASO INTERNATIONAL BRIDGE TOTAL	CITY OF DEL RIO CITY OF EAGLE PASS CITY OF LAREDO CITY OF MCALLEN CITY OF EL PASO	735 1,663 6,463 2,559 1,560 12,980	- - - - -	- - - - -	146 139 391 691 - 1,366	-	880 1,802 6,854 3,250 1,560 14,346
VIRGINIA	SOUTH NORFOLK BRIDGE RICHMOND EXPRESSWAY SYSTEM TOTAL	CITY OF CHESAPEAKE RICHMOND METROPOLITAN AUTHORITY	543 12,211 12,754	19 1,480 1,499	- - -	- 41 41	-	562 13,792 14,294
WEST VIRGINIA	PARKERSBURG BRIDGE	CITY OF PARKERSBURG	975	61	-	-	-	1,036
WISCONSIN	CASSVILLE CAR FERRY	CASSVILLE HARBOR COMMISSION	51	-	1	3	-	55
GRAND TOTAL			604,745	25,088	17,793	31,247	-	678,873

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

^{2/} ESTIMATED BY FHWA.

^{3/} PARKING FEES FROM BATTERY AND COLISEUM GARAGES ARE INCLUDED WITH RENTALS.

^{4/} THE \$29,720,543 IN THE MISCELLANEOUS COLUMN INCLUDES \$11,315,250 IN STATE AID AND \$18,405,293 AS A SUBSIDY FROM NEW YORK CITY.

DISBURSEMENTS FOR MUNICIPAL TOLL FACILITIES - 1988¹

TABLE UF-42
AUGUST 1990

(THOUSANDS OF DOLLARS)

COMPILED FROM REPORTS OF
STATE AND LOCAL GOVERNMENTS

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE AND OPERATION	ADMINISTRATION AND MISCELLANEOUS	INTEREST	DEBT RETIREMENT	SUBTOTAL CURRENT DISBURSEMENTS	TRANSFERS 2/	TOTAL DISBURSEMENTS	DEBT OUTSTANDING	
										BEGINNING OF YEAR	AT END OF YEAR
COLORADO	PIKES PEAK TOLL HIGHWAY	-	630	296	-	-	926	-	926	-	-
FLORIDA	BROAD CAUSEWAY 3/ CLEARWATER TOLL BRIDGE 3/ TREASURE ISLAND CAUSEWAY 3/ TOTAL	16	1,150 350 450	195 200 140	5 294 103	7 294 147	1,373 1,138 840	-	1,373 1,138 840	78 5,676 1,467	71 5,562 1,320
ILLINOIS	CHICAGO SKYWAY TOLL BRIDGE CHESTER (MISSISSIPPI RIVER) BRIDGE MCKINLEY BRIDGE ROCK ISLAND CENTENNIAL BRIDGE TOTAL	257	6,017 419 900 746	457 89 131 109	11,371 10 806 82	- 155 385 205	18,102 697 2,714 1,252	-	18,102 697 2,714 1,252	101,000 155 11,510 1,385	101,000 - 11,125 1,180
IOWA	MACARTHUR (BURLINGTON) BRIDGE	-	302	1,172	45	200	1,719	-	1,719	974	774
MINNESOTA	BRUNETTE-RAINY RIVER INTERNATIONAL BRIDGE	-	74	64	2	-	140	-	140	84	84
MISSOURI	BROADWAY BRIDGE 3/	-	475	80	138	500	1,193	-	1,193	2,300	1,800
NEBRASKA	BELLEVUE BRIDGE	-	116	20	188	-	324	-	324	2,800	2,800
NEW YORK	TRIBOROUGH BRIDGES AND TUNNELS BATTERY STATEN ISLAND FERRY TOTAL	13,320	101,025 29,025	23,697 5,244	39,360 467	23,435 -	194,837 34,736	4/ 182,848	377,685 34,736	749,343 6,676	725,393 6,676
OREGON	CASCADE LOCKS BRIDGE HOOD RIVER, ORE.-WHITE SALMON, WASH. BRIDGE TOTAL	-	115 159	78 123	19 10	20 -	232 292	-	232 292	279 115	259 115
TEXAS	DEL RIO INTERNATIONAL BRIDGE EAGLE PASS-PIEDRAS NEGRAS INTERNATIONAL BRIDGE LAREDO-NUOVO LAREDO INTERNATIONAL BRIDGE MCALLEN INTERNATIONAL TOLL BRIDGE EL PASO INTERNATIONAL BRIDGE TOTAL	735	148 204 533 291 224	200 184 438 380 224	296 7 773 998 -	- 40 235 425 -	1,379 415 1,979 2,480 448	375 859 5,426 1,869 1,112	1,754 1,274 7,405 4,349 1,560	3,700 1,170 9,220 5,780 -	3,700 1,170 8,955 5,355 -
VIRGINIA	SOUTH NORFOLK BRIDGE RICHMOND EXPRESSWAY SYSTEM TOTAL	-	623 2,385	74 1,126	6,676	1,947	697 12,134	-	697 12,134	137,482	135,535
WEST VIRGINIA	PARKERSBURG BRIDGE	-	3,008	1,200	6,676	1,947	12,831	-	12,831	137,482	135,535
WISCONSIN	CASSVILLE CAR FERRY	-	263	205	222	1,397	2,087	-	2,087	6,760	5,363
GRAND TOTAL		15,940	146,659	34,929	55,272	29,392	282,192	192,489	474,681	1,047,154	1,017,247

1/ THIS TABLE IS CONCERNED WITH DISBURSEMENTS FOR PUBLICLY OWNED TOLL FACILITIES OPERATED BY MUNICIPALITIES, LOCAL ROAD/BRIDGE DISTRICTS AND SPECIAL AUTHORITIES. REFER TO TABLE UF-32 FOR NAMES OF OPERATING AUTHORITIES. FOR ADDITIONAL INFORMATION ON LOCAL HIGHWAY FINANCE SERIES, SEE TABLE UF-1, NOTE 1.
2/ PAYMENTS TO MUNICIPAL GENERAL FUNDS FOR HIGHWAY AND OTHER PURPOSES.
3/ THE TRANSFERS COLUMN INCLUDES PAYMENTS TO NEW YORK CITY TRANSIT AUTHORITY, METROPOLITAN TRANSPORTATION AUTHORITY AND NEW YORK CITY OF \$80,636,000, \$96,555,000, AND \$3,667,000 RESPECTIVELY.

ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

This section contains data on the extent, physical, operational, and usage characteristics, and the performance of public roads existing in the United States as of December 31, 1989.

EFFECTS OF CHANGES IN DATA REPORTING PROCEDURES

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

Modifications to tables

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

The tables have been organized into three general areas:

1. Total road and street mileage--tables HM-10, HM-12, HM-14, HM-15, HM-16, HM-18, and HM-20.
2. Mileage on Federal-aid highway systems--tables HM-31, HM-33, HM-35, HM-36, HM-37, HM-39, HM-43, and HM-45.

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

EXISTING MILEAGE

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

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

bearing capacities. Most new mileage falls in the local functional system category that serves residential use. Decreases in public road mileage do occur. In recent years, this has been due to the removal of some timber and forest access roads from public use.

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

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

Surface types

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

Administrative categories

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

FEDERAL-AID SYSTEM MILEAGE

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

State and local systems. All highways on the Federal-aid systems are selected by the State and local governments, subject to the approval of the FHWA.

System realignment

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

Federal-aid Primary System

The Federal-aid Primary System was authorized by the Federal Highway Act of 1921. Originally, the System mileage in each State was limited to 7 percent of the rural road mileage existing in the State at the time the 1921 Act was enacted but, under specified conditions, this proportion could be increased. The 1976 Federal-aid systems realignment legislation (1973 Act) removed this limitation.

Interstate System

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

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

National Network for Trucks

The National Network for Trucks was established by the Surface Transportation Assistance Act of 1982 dated January 6, 1983. The Network includes the Interstate System (with minor exceptions) plus approximately 50 percent, nationwide, of the non-Interstate portion of the Federal-aid Primary System. The Network allows the operation of truck-tractor and 48-foot twin trailer combi-

nations up to 102 inches wide, with no overall length limitations. This mileage is summarized in table HM-43.

Federal-aid Secondary System

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

Federal-aid Urban System

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

Mileage characteristics

The Federal-aid mileages are classified according to system, surface type, lane width, traffic lanes, access control, and traffic volume in tables HM-31 through HM-39. The categories for a given data item vary within each table to provide representation of the characteristics of each Federal-aid system. The tables in this section replace the pre-1980 FM and INT series.

Count of bridges

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

MILEAGE BY FUNCTIONAL SYSTEM

The functional systems used in tables HM-50 through HM-71 result from the assignment of streets and highways into groups according to the character of service they are intended to provide. Because most travel involves movement through a network of roads, individual roads and streets do not serve travel independently in any major way. Functional classification defines the role that a particular road or street plays in serving the flow of trips through a highway network. The functional systems are: (1) arterial highways, which generally handle the long trips, (2) collector facilities, which collect and disperse

traffic between the arterials and the bottom level, and (3) local roads and streets, which serve the residential areas, individual farms, and other local areas. The functional system mileages are listed by jurisdiction, surface type, lane width, traffic lanes, access control, and traffic volume in tables HM-50 through HM-59.

Volume-service flow ratio

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

Pavement condition

Table HM-63 replaces 1979 table HP-1. The present serviceability rating (PSR), as reported in HPMS, is used to group the data into various categories of pavement condition. Because of higher standards, the ranges of PSR under the Interstate grouping vary slightly from the ranges for the other functional systems. PSR is a numerical value ranging from zero to five, reflecting poor pavement condition at the lower end of the scale and very good pavement condition at the higher values. If PSR has been carefully monitored, it should provide a useful basis for relatively rating roadways within a State. However, some States use a subjective rating scheme, while others use a mechanical means to collect PSR data; a few States use a combination of these two methods. Because of the various methodologies, PSR may not be consistent or comparable among the States.

Measured pavement roughness

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

Lane mileage

Table HM-60 contains rural and urban arterial and collector lane mileage by functional system as well as lane

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

Count of bridges

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

Local functional system

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

Urbanized area mileage, travel, and other characteristics

Table HM-71 contains mileage and travel data by functional system for Federal-aid urbanized areas having a population of 200,000 or more. Table HM-72 contains other rates and characteristics based on the State reported mileage, travel, population, and net land area aggregate data for the same urbanized areas. An estimate of freeway (including the Interstate System) lane mileage in each urbanized area is also provided; it is based primarily on the HPMS universe data. Where urbanized areas cross State boundaries, the tables show information for the entire area without regard to State boundaries.

Interstate functional system

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

HIGHWAY USAGE CHARACTERISTICS

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

collector and local functional systems. All urban systems except the urban Interstate System are included within the other urban category.

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

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

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

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

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

The graphs showing speed trends on rural Interstate highways reflect only those highways where the 55 miles-

per-hour speed limit remained in effect after the enactment of P.L. 100-17. This law gave States the option to increase the speed limit to 65 miles per hour on rural Interstate highways.

Table TC-3 along with the graph, Comparison of Growth in Volumes and Loadings on the Rural Interstate System, shows the interrelationship between vehicle types and axle loadings. The data for each of the vehicle types are from the Truck Weight Study. Truck Weight Study data are

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

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

PUBLIC ROAD AND STREET MILEAGE - 1989¹
CLASSIFIED BY TYPE OF SURFACE AND FUNCTIONAL SYSTEM

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

TABLE HM-12
 SEPTEMBER 1990

JURISDICTION/FUNCTIONAL SYSTEM	UNPAVED MILEAGE 2/				PAVED MILEAGE 3/					TOTAL	TOTAL MILEAGE
	UNIM-PROVED	GRADED AND DRAINED	GRAVEL OR STONE	TOTAL	LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE				
							FLEXIBLE	COMPOSITE	RIGID		
RURAL:											
UNDER STATE CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	1,041	15,219	5,262	11,856	33,378	33,378
OTHER	-	-	-	-	426	3,630	54,346	12,830	9,460	80,692	80,692
MINOR ARTERIAL	-	-	107	107	2,671	17,065	99,443	18,962	8,445	144,586	144,586
MAJOR COLLECTOR	35	381	2,486	2,902	24,778	38,273	125,404	13,911	3,538	205,904	208,806
MINOR COLLECTOR	27	410	1,033	1,470	12,962	19,642	34,408	1,588	193	68,793	70,263
SUBTOTAL	62	791	3,626	4,479	40,837	79,651	328,820	52,553	31,492	533,353	537,832
NOT UNDER STATE OR FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	125	1	-	127	127
MINOR ARTERIAL	-	-	-	-	3	182	701	5	131	1,112	1,112
MAJOR COLLECTOR	677	2,500	45,697	48,874	36,654	55,021	74,588	2,127	5,934	174,324	223,198
MINOR COLLECTOR	991	8,982	84,121	94,094	23,822	47,617	43,697	921	1,779	117,836	211,930
SUBTOTAL	1,668	11,482	129,818	142,968	60,479	102,821	119,201	3,054	7,844	293,399	436,367
UNDER FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	132	-	-	132	132
MINOR ARTERIAL	-	-	-	-	46	536	940	-	-	1,522	1,522
MAJOR COLLECTOR	-	420	546	966	662	967	1,565	-	-	3,214	4,180
MINOR COLLECTOR	394	2,405	5,342	8,141	500	2,083	1,507	-	-	4,090	12,231
SUBTOTAL	394	2,825	5,888	9,107	1,208	3,586	4,164	-	-	8,958	18,065
LOCAL 4/	132,090	213,245	1,074,035	1,419,370	312,039	156,020	212,490	14,795	15,746	711,090	2,130,460
TOTAL RURAL	134,214	228,343	1,213,367	1,575,924	414,563	342,078	664,675	70,402	55,082	1,546,800	3,122,724
PERCENT - RURAL	4.3	7.3	38.9	50.5	13.3	11.0	21.1	2.3	1.8	49.5	100.0
URBAN:											
UNDER STATE CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	56	3,025	3,178	5,184	11,443	11,443
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	3	23	2,861	1,326	2,978	7,191	7,191
OTHER	-	-	7	7	60	1,312	19,837	9,728	4,445	35,382	35,389
MINOR ARTERIAL	12	1	3	16	425	1,947	11,964	4,072	1,361	19,789	19,785
COLLECTOR	16	-	53	69	460	2,250	4,252	780	214	7,956	8,025
SUBTOTAL	28	1	63	92	948	5,588	41,939	19,084	14,182	81,741	81,833
NOT UNDER STATE OR FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	-	-	2	11	14	27	27
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	2	-	183	58	89	332	332
OTHER	-	-	-	28	243	1,895	11,284	1,401	1,155	15,978	16,006
MINOR ARTERIAL	20	33	358	411	2,359	9,790	34,620	3,807	3,910	54,486	54,897
COLLECTOR	18	143	871	1,032	4,673	16,618	41,735	2,848	3,495	69,369	70,401
SUBTOTAL	38	176	1,257	1,471	7,277	28,303	87,824	8,125	8,663	140,192	141,663
UNDER FEDERAL CONTROL:											
PRINCIPAL ARTERIAL:											
INTERSTATE	-	-	-	-	1	-	-	-	-	1	1
OTHER FREEWAYS AND EXPRESSWAYS	-	-	-	-	-	-	59	-	-	59	59
OTHER	-	-	-	-	-	-	94	-	-	94	94
MINOR ARTERIAL	-	-	-	-	-	-	45	16	3	64	64
COLLECTOR	-	-	-	-	-	6	39	3	-	48	48
SUBTOTAL	-	-	-	-	1	6	237	19	3	266	266
LOCAL 4/	1,297	5,402	35,480	42,179	77,817	155,635	194,407	13,195	46,782	487,836	530,015
TOTAL URBAN	1,363	5,579	36,800	43,742	86,043	189,532	324,407	40,423	69,630	710,035	753,777
PERCENT - URBAN	0.2	0.7	4.9	5.8	11.5	25.2	42.8	5.4	9.3	94.2	100.0
TOTAL RURAL AND URBAN	135,577	233,922	1,250,167	1,619,666	500,606	531,610	989,082	110,825	124,712	2,256,835	3,876,501
PERCENT - TOTAL	3.5	6.1	32.2	41.8	12.9	13.7	25.5	2.9	3.2	58.2	100.0

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988), FACTORED TO NATIONWIDE 1989 LEVELS.
 2/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL SURFACE AND MAINTAINED TO PERMIT PASSABILITY (ROAD TYPE B); GRADED AND DRAINED ROADWAYS OF NATURAL EARTH ALIGNED AND GRADED TO PERMIT REASONABLY CONVENIENT USE BY MOTOR VEHICLES AND WHICH HAVE ADEQUATE DRAINAGE TO PREVENT SERIOUS IMPAIRMENT OF THE ROAD BY NORMAL SURFACE WATER - SURFACE MAY BE STABILIZED (ROAD TYPE C); AND SOIL, GRAVEL, OR STONE, A GRADED AND DRAINED ROAD WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAG, SHELL, ETC. - SURFACE MAY BE STABILIZED (ROAD TYPES D AND E).
 3/ PAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: LOW TYPE, AN EARTH, GRAVEL OR STONE ROADWAY WHICH HAS A BITUMINOUS SURFACE COURSE LESS THAN 1" THICK - SUITABLE FOR OCCASIONAL HEAVY LOADS (ROAD TYPE F); INTERMEDIATE TYPE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROAD ON A FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7" (ROAD TYPES G-1 AND H-1); HIGH-TYPE FLEXIBLE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY ON A FLEXIBLE BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE (ROAD TYPES G-2, H-2 AND I) - ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS (ROAD TYPES K, L AND M); HIGH-TYPE COMPOSITE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY OF MORE THAN 1" COMPACTED MATERIAL ON A RIGID BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE (ROAD TYPES G-3, G-4, H-3, H-4, I-3 AND I-4); HIGH-TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS WEARING SURFACE OF LESS THAN 1" (ROAD TYPES J, J-3 AND J-4).
 4/ LIMITED SURFACE-TYPE AREA-WIDE DATA REPORTED FOR LOCAL FUNCTIONAL SYSTEM AND FACTORED TO TOTAL MILEAGE OBTAINED FROM 1989 HPMS AREA-WIDE DATA. DISTRIBUTION OF LOCAL FUNCTIONAL SYSTEM SURFACE TYPES ESTIMATED BY FHWA.

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

TABLE HM-16
 FEDERAL-ROAD MILEAGE
 SEPTEMBER 1990

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

ADMINISTRATIVE SYSTEM	FEDERAL-AID SYSTEM						NON-FEDERAL-AID	TOTAL
	INTERSTATE 2/	PRIMARY 3/	URBAN	SECONDARY	TOTAL	TOTAL		
RURAL:								
STATE CONTROLLED ROADS 4/	33,378	224,208	-	196,383	453,969	236,876	690,845	
COUNTY ROADS	-	652	-	193,252	193,904	1,421,725	1,615,629	
TOWN AND TOWNSHIP ROADS	-	274	-	4,896	5,172	433,161	438,353	
OTHER LOCAL GOVERNMENTAL ROADS	-	92	-	4,425	4,517	178,840	183,357	
STATE PARK AND FOREST ROADS	-	40	-	39	79	16,265	16,344	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	475	-	759	1,234	176,962	178,196	
TOTAL RURAL	33,378	225,741	-	399,756	658,875	2,463,849	3,122,724	
PERCENT - RURAL	1.1	7.2	-	12.8	21.1	78.9	100.0	
SMALL URBAN AREAS:								
STATE CONTROLLED ROADS 4/	1,345	11,379	7,816	-	20,540	5,104	25,644	
COUNTY ROADS	-	48	4,479	-	4,527	11,346	15,873	
TOWN AND TOWNSHIP ROADS	-	19	1,723	-	1,742	5,430	7,172	
OTHER LOCAL GOVERNMENTAL ROADS	-	346	17,519	-	17,865	92,742	110,607	
STATE PARK AND FOREST ROADS	-	-	2	-	2	60	62	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	3	45	-	48	210	258	
TOTAL SMALL URBAN AREA	1,345	11,795	31,584	-	44,724	114,892	159,616	
PERCENT - SMALL URBAN	0.9	7.4	19.7	-	28.0	72.0	100.0	
URBANIZED AREAS:								
STATE CONTROLLED ROADS 4/	10,126	20,428	26,157	-	56,711	14,071	70,782	
COUNTY ROADS	-	179	23,065	-	23,244	54,696	77,939	
TOWN AND TOWNSHIP ROADS	-	64	5,242	-	5,306	31,017	36,323	
OTHER LOCAL GOVERNMENTAL ROADS	-	903	61,717	-	62,620	345,365	407,985	
STATE PARK AND FOREST ROADS	-	76	94	-	170	195	365	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	19	45	-	64	703	767	
TOTAL URBANIZED AREA	10,126	21,669	116,320	-	148,115	446,046	594,161	
PERCENT - URBANIZED	1.7	3.7	19.5	-	24.9	75.1	100.0	
TOTAL URBAN:								
STATE CONTROLLED ROADS 4/	11,471	31,807	33,973	-	77,251	19,175	96,426	
COUNTY ROADS	-	227	27,544	-	27,771	66,041	93,812	
TOWN AND TOWNSHIP ROADS	-	63	6,965	-	7,048	36,447	43,495	
OTHER LOCAL GOVERNMENTAL ROADS	-	1,249	79,236	-	80,485	438,107	518,592	
STATE PARK AND FOREST ROADS	-	76	96	-	172	255	427	
NATIONAL PARK, FOREST, AND OTHER ROADS	-	22	90	-	112	913	1,025	
TOTAL URBAN	11,471	33,464	147,904	-	192,639	560,938	753,777	
PERCENT - URBAN	1.5	4.5	19.6	-	25.6	74.4	100.0	
TOTAL RURAL AND URBAN	44,849	259,205	147,904	399,756	851,714	3,024,787	3,876,501	
PERCENT - TOTAL	1.2	6.7	3.8	10.3	22.0	78.0	100.0	

1/ AS SUMMARIZED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) UNIVERSE DATA FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS. BECAUSE OF THE FACTORING PROCEDURES USED, INDIVIDUAL DATA COMPONENTS FOR THIS TABLE MAY NOT BE COMPATIBLE AMONG THE

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

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

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

TABLE HM-18
 SEPTEMBER 1990

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

1/ AS SUMMARIZED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) UNIVERSE DATA FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS. BECAUSE OF THE FACTORING PROCEDURES USED, INDIVIDUAL DATA COMPONENTS FOR THIS TABLE MAY NOT BE COMPATIBLE AMONG THE VARIOUS MILEAGE TABLES.
 2/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM ITS MILEAGE IS SHOWN SEPARATELY.
 3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.

PUBLIC ROAD AND STREET MILEAGE - 1989
CLASSIFIED BY JURISDICTION

TABLE HM-10
SEPTEMBER 1990

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

STATE	RURAL MILEAGE				URBAN MILEAGE				TOTAL RURAL AND URBAN MILEAGE	
	UNDER LOCAL CONTROL		TOTAL	UNDER FEDERAL CONTROL ^{3/}	UNDER LOCAL CONTROL		TOTAL	UNDER FEDERAL CONTROL ^{3/}		
	COUNTY ROADS	TOWN AND TOWNSHIP ROADS			OTHER LOCAL ROADS	TOTAL				
ALABAMA	9,413	58,367	4,973	63,340	998	73,691	1,575	15,269	16,844	90,535
ALASKA	10,462	24,472	1,124	25,596	12,595	10,462	1,771	39	1,810	12,272
ARIZONA	5,726	49,098	3,893	52,991	1,515	43,919	524	584	13,970	57,398
ARKANSAS	14,560	48,457	2,874	58,847	17,824	69,466	1,218	6,438	7,656	77,122
CALIFORNIA	14,907	55,973	2,321	60,779	6,866	66,132	890	11,543	69,298	164,298
COLORADO	8,487	48,457	6,841	60,779	4	9,045	1,688	2,189	11,229	77,361
CONNECTICUT	2,200	6,841	228	6,841	3	3,828	1,224	365	9,181	19,914
DELAWARE	3,597	6,841	228	6,841	3	3,828	1,224	365	1,569	5,417
DIST. OF COL.	7,616	51,513	176	51,689	-	59,305	1,081	43,107	1,102	1,102
FLORIDA	15,480	67,130	3,799	70,929	936	87,345	4,175	8,726	48,650	107,965
GEORGIA	15,869	1,759	1,759	1,759	35	2,663	2,310	6,726	20,665	108,010
HAWAII	4,856	13,894	13,359	27,253	26,802	58,911	256	806	2,406	61,317
IOWA	13,054	15,041	68,591	90,612	291	103,957	4,386	23,169	31,921	136,770
ILLINOIS	9,715	61,190	2,455	64,226	116	73,941	1,551	10,008	17,953	91,544
INDIANA	9,237	88,801	5,624	94,425	116	103,778	925	7,843	8,773	112,551
KANSAS	10,085	111,440	2,644	114,084	307	124,169	582	8,395	8,987	133,156
KENTUCKY	26,557	34,677	1,567	36,234	307	62,098	1,997	7,440	7,747	69,711
KENTUCKY	14,911	28,459	1,186	30,777	186	46,277	1,644	7,565	12,244	58,521
MAINE	7,769	11,206	640	11,846	186	19,781	771	1,673	2,459	22,240
MARYLAND	3,937	11,547	547	12,094	302	15,333	1,438	3,572	10,599	28,495
MASSACHUSETTS	7,761	79,961	3,306	83,267	87	19,200	1,875	18,702	20,606	33,807
MICHIGAN	7,701	43,486	53,272	101,648	1,635	115,468	1,183	16,486	21,028	137,996
MINNESOTA	12,175	11,547	11,547	11,547	302	15,333	1,438	10,899	14,095	129,553
MISSISSIPPI	8,689	52,344	2,622	54,969	330	64,988	733	5,658	7,324	72,017
MISSOURI	30,952	15,041	6,063	21,014	593	104,230	1,546	12,355	15,847	120,077
MISSOURI	8,047	45,657	1,092	46,749	14,296	69,092	1,551	1,604	2,268	71,360
MONTANA	9,966	60,442	3,202	63,644	125	87,509	325	4,183	4,950	92,459
NEBRASKA	4,916	22,719	465	23,185	13,679	41,780	290	1,178	3,076	44,856
NEBRASKA	3,729	2,449	2,449	2,449	136	8,328	328	1,992	2,416	14,803
NEW HAMPSHIRE	1,603	3,471	4,247	10,167	21	11,791	1,619	3,750	22,455	34,246
NEW JERSEY	11,209	38,158	38,158	38,158	21	49,367	773	3,474	5,440	54,807
NEW MEXICO	12,276	17,321	41,368	60,987	-	73,263	4,047	15,887	37,701	110,964
NEW YORK	65,959	1,763	3,461	3,461	1,745	75,165	7,480	11,363	19,063	94,228
NORTH CAROLINA	7,181	65,392	2,248	76,787	611	84,579	2,050	1,424	1,805	86,384
NORTH DAKOTA	16,570	27,327	35,079	65,527	29	82,126	3,910	20,161	31,313	113,439
OHIO	11,958	86,937	596	87,533	87	99,578	989	10,620	11,669	111,669
OKLAHOMA	10,288	32,206	221	32,427	42,234	86,325	778	6,536	9,105	95,430
OREGON	37,597	37,350	1,134	38,731	982	86,447	7,223	19,397	27,890	116,277
PENNSYLVANIA	35,370	18,195	536	18,731	598	54,699	6,036	1,545	3,369	64,104
RHODE ISLAND	7,748	30,890	29,258	61,911	598	71,622	1,824	1,473	9,405	73,736
SOUTH CAROLINA	11,168	52,136	3,665	55,801	595	68,854	2,090	11,565	15,259	85,068
TENNESSEE	68,614	133,187	14,281	147,468	982	217,044	7,933	75,853	86,748	305,692
UTAH	5,113	20,113	2,145	22,258	10,059	37,430	674	3,869	5,541	42,971
VERMONT	441	10,060	130	10,190	71	12,523	150	4,866	1,170	14,093
VIRGINIA	49,593	441	380	821	1,814	52,228	6,134	7,795	15,054	67,282
WASHINGTON	17,254	35,602	2,074	37,676	10,061	55,011	1,059	7,724	16,428	81,439
WEST VIRGINIA ^{4/}	29,423	19,519	622	666	1,375	31,425	1,239	1,813	3,052	34,477
WISCONSIN	11,168	13,815	15	13,830	832	27,350	1,241	10,904	14,366	109,813
WYOMING	6,341	13,815	15	13,830	832	27,350	1,241	1,494	1,917	39,541
TOTAL	706,404	1,616,266	438,521	2,238,108	178,212	3,122,724	96,782	518,644	655,967	3,876,501

^{1/} THIS TABLE NO LONGER INCLUDES NONPUBLIC ROAD MILEAGE.
^{2/} INCLUDES MILEAGE NOT IDENTIFIED BY ADMINISTRATIVE AUTHORITY.
^{3/} MILEAGE IN FEDERAL PARKS, FORESTS, AND RESERVATIONS THAT ARE NOT A PART OF THE STATE AND LOCAL HIGHWAY SYSTEMS.
^{4/} 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

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

TABLE HM-14
 SHEET 1 OF 3
 SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
 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 LOCAL CONTROL					TOTAL	UNDER FEDERAL CONTROL 2/					TOTAL	UNDER LOCAL CONTROL					TOTAL	
	UNDER STATE CONTROL	COUNTY ROADS	TOWNSHIP ROADS	OTHER LOCAL ROADS 1/	TOTAL		COUNTY ROADS	TOWNSHIP ROADS	OTHER LOCAL ROADS 1/	TOTAL	UNDER STATE CONTROL		COUNTY ROADS	TOWNSHIP ROADS	OTHER LOCAL ROADS 1/		TOTAL		
ALABAMA	6,440	25	-	3	28	6,520	44	-	-	44	1,098	-	-	15	16	1,114	7,634		
ALASKA 3/	1,994	-	-	-	-	1,994	-	-	-	-	116	-	-	-	-	116	2,110		
ARIZONA	4,271	-	-	-	-	4,271	30	-	-	30	366	-	-	-	-	366	4,667		
ARKANSAS 3/	5,152	-	-	-	-	5,152	-	-	-	-	600	-	-	-	-	600	5,752		
CALIFORNIA	10,708	44	-	-	44	10,933	181	-	-	181	2,550	-	1	-	2	2,552	13,485		
COLORADO	4,639	-	-	-	-	4,639	-	-	-	-	636	-	-	-	-	636	5,275		
CONNECTICUT	798	-	-	-	-	798	-	-	-	-	813	-	-	-	-	813	1,611		
DELAWARE	333	-	-	-	-	333	1	-	-	1	142	-	-	-	-	142	476		
DIST. OF COL.	6,703	24	-	-	24	6,727	-	-	-	-	190	-	-	-	-	190	6,917		
FLORIDA	9,295	65	-	2	67	9,455	93	-	-	93	1,822	62	15	77	1,900	11,355	11,551		
HAWAII	388	5	-	-	5	393	-	-	-	-	156	-	-	1	157	1,036	1,429		
IOWA	3,189	-	13	-	13	3,189	-	-	-	-	137	-	-	-	-	137	3,326		
ILLINOIS 3/	9,150	4	-	4	19	9,169	-	-	-	-	1,402	3	39	60	2,462	11,631	11,755		
INDIANA	5,050	13	-	5	18	5,069	-	-	-	-	1,034	-	-	-	-	1,034	6,103		
IOWA	8,561	137	-	14	151	8,712	-	-	-	-	803	7	44	51	854	9,566	9,566		
KANSAS	8,425	-	-	-	-	8,425	-	-	-	-	492	-	-	-	-	492	8,917		
KENTUCKY 3/	3,914	-	-	-	-	3,914	-	-	-	-	655	-	-	-	-	655	4,570		
LOUISIANA	3,301	-	-	-	-	3,301	-	-	-	-	555	-	-	-	-	555	3,856		
MAINE 3/	2,136	-	-	-	-	2,136	-	-	-	-	237	-	-	-	-	237	2,374		
MARYLAND	1,798	13	-	-	13	1,811	-	-	-	-	689	-	-	-	-	689	1,900		
MASSACHUSETTS	7,315	-	241	-	242	7,557	1	-	-	1	1,171	-	-	81	84	2,778	2,603		
MICHIGAN	7,000	8	-	1	9	7,009	-	-	-	-	1,405	-	-	424	424	1,405	8,414		
MINNESOTA	9,366	-	1	-	1	9,372	-	-	-	-	822	6	-	6	12	834	10,206		
MISSISSIPPI	5,980	13	-	6	19	5,999	-	-	-	-	472	-	-	2	2	474	6,473		
MISSOURI	7,315	-	-	-	-	7,315	-	-	-	-	869	-	-	11	11	880	8,195		
MONTANA	6,495	-	-	-	-	6,495	-	-	-	-	147	-	-	2	2	149	6,644		
NEBRASKA	7,374	-	-	1	1	7,375	-	-	-	-	297	-	-	3	3	300	7,675		
NEVADA	2,285	-	-	-	-	2,285	-	-	-	-	113	-	-	-	-	113	2,402		
NEW HAMPSHIRE	1,144	-	-	-	-	1,144	2	-	-	2	155	-	-	-	-	157	1,301		
NEW JERSEY	900	46	-	1	47	947	-	-	-	-	920	12	-	5	17	1,884	2,278		
NEW MEXICO	4,257	-	-	-	-	4,257	-	-	-	-	309	-	-	10	10	319	4,576		
NEW YORK 3/	7,124	121	6	19	146	7,270	-	-	-	-	2,229	83	1	315	399	2,628	9,898		
NORTH CAROLINA	4,456	-	-	-	-	4,456	17	-	-	17	893	-	-	-	-	893	5,366		
NORTH DAKOTA	5,932	-	-	-	-	5,932	-	-	-	-	177	-	-	-	-	177	6,109		
OHIO	5,827	-	-	1	1	5,828	-	-	-	-	2,295	3	-	10	13	2,308	8,136		
OKLAHOMA	5,598	-	-	-	-	5,598	-	-	-	-	637	-	-	-	-	637	6,235		
OREGON	5,264	-	-	-	-	5,264	-	-	-	-	515	-	-	13	13	528	5,792		
PENNSYLVANIA	8,699	-	15	-	15	8,714	-	-	-	-	2,544	-	-	19	28	2,572	11,286		
RHODE ISLAND	176	-	8	-	8	184	-	-	-	-	260	-	-	53	313	497	497		
SOUTH CAROLINA	5,630	-	-	-	-	5,630	-	-	-	-	838	1	-	2	3	841	6,471		
SOUTH DAKOTA	6,276	-	-	-	-	6,276	45	-	-	45	173	28	3	149	190	353	6,629		
TENNESSEE 3/	5,595	-	-	-	-	5,595	-	-	-	-	1,212	-	-	-	-	1,212	6,807		
TEXAS 3/	17,096	1	-	1	2	17,098	-	-	-	-	2,681	6	-	6	2,687	19,785	19,785		
UTAH 3/	3,289	-	-	-	-	3,289	-	-	-	-	255	-	-	-	-	255	3,544		
VERMONT	1,294	-	-	29	29	1,323	-	-	-	-	94	-	-	24	24	118	1,441		
VIRGINIA	5,506	3	-	-	3	5,511	-	-	-	-	945	-	-	5	5	950	6,461		
WASHINGTON 3/	4,892	-	-	-	-	4,892	-	-	-	-	898	1	-	1	899	5,791	5,791		
WEST VIRGINIA 4/	2,661	3	-	-	3	2,664	-	-	-	-	302	-	-	1	1	303	2,967		
WISCONSIN	8,733	122	-	3	126	8,859	61	-	-	61	1,057	-	-	8	14	1,071	9,930		
WYOMING	3,667	-	-	-	-	3,667	-	-	-	-	174	-	-	-	-	174	3,841		
TOTAL 3/	257,626	652	274	92	1,018	259,119	475	-	-	475	43,325	227	85	1,275	1,567	44,935	304,054		

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

TABLE HR-14
 SHEET 2 OF 3
 SEPTEMBER 1990

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

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL						FEDERAL-AID URBAN HIGHWAY SYSTEM						
	UNDER LOCAL CONTROL			TOTAL	UNDER FEDERAL CONTROL 2/	TOTAL	UNDER LOCAL CONTROL			TOTAL	UNDER FEDERAL CONTROL 2/	TOTAL	
	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 1/				COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER LOCAL ROADS 1/				
ALABAMA	2,741	8,406	409	8,815	-	11,556	464	11	2,317	-	2,328	-	2,792
ALASKA 3/	1,771	-	-	1,771	-	1,771	192	-	36	-	228	-	2,529
ARIZONA	1,201	1,958	64	2,834	11	3,171	119	62	2,322	16	2,400	16	2,529
ARKANSAS 3/	4,454	2,770	-	7,330	42	7,330	407	62	684	-	746	-	1,153
CALIFORNIA	973	9,964	182	10,146	46	11,165	857	2,922	13,945	-	16,867	2	17,726
COLORADO	3,410	-	-	3,410	-	3,410	251	542	1,594	-	2,137	-	2,368
CONNECTICUT	875	-	-	875	-	875	814	-	-	-	2,957	-	2,957
DELAWARE	600	-	-	600	2	602	311	-	2,143	-	311	-	311
DIST. OF COL.	-	-	-	-	-	-	233	-	-	-	233	-	233
FLORIDA	558	3,746	73	3,819	-	4,377	1,328	863	2,376	-	3,259	-	4,567
GEORGIA	6,025	7,810	27	7,837	138	14,000	470	-	1,364	-	3,514	3	3,967
HAWAII	368	67	-	67	-	435	22	301	-	-	301	-	323
IDAHO	1,496	1,636	1,021	2,657	-	4,153	115	-	436	-	622	-	737
ILLINOIS 3/	1,761	10,223	227	11,201	9	12,971	1,666	1,268	3,478	-	5,099	1	6,766
INDIANA	4,548	4,985	17	5,117	-	9,665	504	1,505	2,461	-	4,147	-	4,651
IOWA	391	12,606	538	13,144	-	13,535	12	303	2,127	-	2,430	-	2,442
KANSAS	1,644	20,959	5	20,964	-	22,608	99	-	1,508	-	1,508	-	1,601
KENTUCKY 3/	7,306	3	-	7,312	3	7,312	1,171	145	568	-	713	44	1,928
LOUISIANA	7,336	-	-	7,336	17	7,353	776	401	987	-	1,388	-	2,164
MAINE 3/	2,741	-	1	-	-	2,742	474	-	228	-	231	-	2,705
MARYLAND	1,363	526	17	543	-	1,906	615	902	605	-	1,507	25	2,147
MASSACHUSETTS	364	1,615	-	1,615	8	2,007	575	-	5,329	-	5,329	-	5,904
MICHIGAN	677	15,946	423	16,369	-	17,046	439	2,822	2,415	-	5,237	-	5,676
MINNESOTA	1,531	14,853	18	14,979	126	16,636	333	1,071	822	-	1,913	-	2,246
MISSISSIPPI	3,520	8,011	180	8,193	-	11,713	208	193	1,311	1	1,505	-	1,713
MISSOURI	18,091	-	2	18,091	-	16,091	656	361	1,436	6	1,603	-	2,459
MONTANA	89	4,659	-	4,659	-	4,748	10	90	242	-	332	-	422
MONTANA	9,018	-	164	9,182	23	11,449	25	129	910	-	1,039	-	1,064
NEBRASKA	2,244	184	-	185	47	2,317	177	136	240	-	376	-	553
NEVADA	2,085	1,489	75	1,631	-	1,233	144	-	555	-	579	-	723
NEW HAMPSHIRE	1,232	-	67	1,631	-	1,723	518	2,993	1,779	-	4,842	-	5,260
NEW JERSEY	3,930	-	-	-	-	3,930	398	15	153	-	166	-	564
NEW YORK 3/	4,181	1,826	59	2,116	-	6,297	1,406	2,289	3,651	1,406	7,346	-	8,752
NORTH CAROLINA	10,234	-	231	9,368	5	10,500	2,895	-	84	-	2,960	-	2,960
NORTH DAKOTA	1,158	9,147	221	9,368	33	10,599	725	-	389	-	463	-	468
OHIO	8,489	2,952	110	3,231	-	11,700	1,598	1,553	4,457	230	6,240	-	7,638
OKLAHOMA	5,319	6,191	220	6,411	-	11,730	347	382	2,264	-	2,646	-	2,993
OREGON	1,558	6,112	41	6,153	-	7,611	82	320	1,492	-	1,612	-	1,894
PENNSYLVANIA	7,806	-	168	195	-	6,001	4,251	275	1,626	926	2,627	-	7,058
RHODE ISLAND	134	21	67	67	-	201	519	-	9	-	419	-	938
SOUTH CAROLINA	8,385	145	1	146	-	8,531	1,128	17	21	-	38	-	1,166
SOUTH DAKOTA	1,397	9,020	50	9,372	226	10,395	851	316	239	1	261	-	268
TENNESSEE 3/	5,455	-	-	-	-	5,455	857	276	1,966	-	2,282	-	3,133
TEXAS 3/	32,448	133	-	136	16	32,602	3,248	276	4,836	-	4,836	-	8,084
UTAH 3/	1,675	917	54	971	-	2,646	385	116	426	-	542	-	927
VERMONT	1,141	-	28	772	-	1,913	185	-	185	-	291	-	348
VIRGINIA	10,121	46	38	84	-	10,205	1,841	220	1,578	-	1,598	-	3,439
WASHINGTON 3/	1,066	6,078	159	6,237	-	7,323	97	1,763	1,964	411	4,138	-	4,235
WEST VIRGINIA 4/	6,352	10,677	3	3	-	6,355	528	-	273	-	273	-	801
WISCONSIN	7,507	166	432	11,182	7	12,979	274	645	1,915	149	2,709	-	2,983
WYOMING	2,067	186	6	172	-	2,266	86	98	367	-	465	-	550
TOTAL 3/	196,423	193,250	4,698	202,574	759	399,756	34,074	27,548	79,223	6,968	113,739	91	147,904

FEDERAL-AID HIGHWAY SYSTEMS - 1989

MILEAGE CLASSIFIED BY LANE WIDTH

TABLE HM-33 SHEET 1 OF 2 SEPTEMBER 1990

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

Table with columns for STATE, INTERSTATE SYSTEM 2/, RURAL MILEAGE, URBAN MILEAGE, FEDERAL-AID PRIMARY SYSTEM 3/, RURAL MILEAGE, URBAN MILEAGE, and TOTAL FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE. Sub-columns include lane width categories (< 9, 9-12, > 12 feet) and total mileage.

FEDERAL-AID HIGHWAY SYSTEMS - 1989
MILEAGE CLASSIFIED BY LANE WIDTH

TABLE HM-33
SHEET 2 OF 2
SEPTEMBER 1990

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

STATE	FEDERAL-AID SECONDARY SYSTEM - RURAL											FEDERAL-AID URBAN SYSTEM												
	LANE WIDTH IN FEET											TOTAL	LANE WIDTH IN FEET											TOTAL
	< 9	9	10	11	12	> 12	> 12	< 9	9	10	11		12	> 12										
ALABAMA	-	3,664	5,576	1,473	841	2	11,556	8	160	1,092	459	795	278	2,792										
ALASKA	-	4	91	186	827	663	1,771	7	-	19	17	160	25	228										
ARIZONA	-	212	130	138	2,393	298	3,171	8	5	142	285	2,009	80	2,159										
ARKANSAS	124	507	4,281	1,722	696	-	7,330	28	82	434	204	279	126	1,153										
CALIFORNIA	16	329	345	2,245	7,317	913	11,165	114	354	1,507	1,649	12,818	1,284	17,726										
COLORADO	-	30	908	647	1,804	51	3,410	7	33	282	349	1,444	273	2,388										
CONNECTICUT	-	67	176	326	479	-	902	90	225	405	374	1,588	275	2,957										
DELAWARE	-	87	176	163	153	23	602	21	25	78	28	82	61	233										
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
FLORIDA	110	1,086	1,848	501	932	-	4,377	34	150	1,923	592	2,268	502	4,597										
GEORGIA	561	1,907	6,133	1,808	3,021	380	14,007	27	170	923	644	1,208	1,002	8,997										
HAWAII	89	107	106	38	94	3	435	21	21	148	43	40	65	323										
IDAHO	-	277	1,081	193	2,435	1	4,153	2	2	50	52	577	54	737										
ILLINOIS	498	668	4,837	5,227	1,336	205	12,971	91	324	1,656	1,103	2,805	787	6,766										
INDIANA	24	2,179	3,261	957	3,105	139	9,665	98	605	1,359	691	1,304	554	4,651										
IOWA	-	147	879	8,933	2,623	953	13,535	7	40	69	233	809	1,284	2,442										
KANSAS	-	392	3,101	8,746	8,892	1,477	22,608	-	284	102	285	930	-	1,601										
KENTUCKY	416	3,873	1,918	890	205	10	7,312	93	369	580	378	1,928	136	2,154										
LOUISIANA	-	94	3,366	1,592	2,281	-	7,353	-	64	750	263	1,087	-	2,164										
MARINE	27	792	1,089	573	246	15	2,742	6	41	181	103	180	194	705										
MARYLAND	102	245	688	465	393	13	1,906	91	71	404	329	936	316	2,147										
MASSACHUSETTS	112	170	423	605	418	279	2,007	97	93	1,005	643	1,764	2,302	5,904										
MICHIGAN	-	735	6,988	5,203	3,674	446	17,046	28	51	1,123	1,838	531	2,006	5,671										
MINNESOTA	-	135	774	4,369	11,223	135	16,636	2	2	106	164	1,935	38	2,246										
MISSISSIPPI	288	852	7,533	1,162	1,878	-	11,713	9	133	599	268	550	154	1,713										
MISSOURI	-	1,448	13,273	2,717	640	13	18,091	-	91	485	623	1,020	240	2,459										
MONTANA	69	39	190	245	4,110	35	4,748	1	1	6	18	512	342	1,094										
NEBRASKA	777	349	1,520	2,946	4,566	1,291	11,449	78	32	144	143	505	164	1,084										
NEVADA	-	-	134	28	154	-	2,317	-	10	19	5	519	-	533										
NEW HAMPSHIRE	-	92	364	320	2,138	16	2,933	45	34	90	73	352	72	723										
NEW JERSEY	-	65	497	123	755	349	1,723	95	54	859	750	1,650	1,946	5,380										
NEW MEXICO	-	-	646	208	2,336	675	3,930	1	6	76	38	323	120	584										
NEW YORK	-	230	2,169	2,459	1,383	56	6,297	173	470	1,682	1,817	3,469	1,141	8,752										
NORTH CAROLINA	141	1,547	4,758	1,213	2,641	-	10,300	51	412	362	468	1,667	-	2,950										
NORTH DAKOTA	-	307	826	1,413	7,775	278	10,599	3	1	19	36	426	3	7,068										
OHIO	562	3,686	4,506	1,744	1,169	13	11,700	292	1,093	2,094	951	2,808	600	7,838										
OKLAHOMA	454	1,566	1,349	2,451	5,856	52	11,730	66	203	607	396	940	781	2,993										
OREGON	75	702	3,071	1,779	2,109	75	7,811	21	102	347	435	1,342	148	1,994										
PENNSYLVANIA	1,171	2,029	2,085	1,914	601	201	8,001	335	820	2,229	1,503	1,683	488	7,058										
RHODE ISLAND	-	11	60	59	44	18	201	16	70	129	135	275	313	938										
SOUTH CAROLINA	46	518	2,349	3,918	1,519	181	8,531	-	29	305	205	527	100	1,166										
SOUTH DAKOTA	291	779	1,190	6,579	6,579	75	10,985	7	5	11	39	193	3	258										
TENNESSEE	118	1,511	1,718	1,819	269	-	6,455	42	172	1,342	791	1,342	99	3,133										
TEXAS	-	1,971	12,106	3,790	13,347	1,386	32,602	121	121	893	1,282	5,038	731	8,084										
UTAH	167	68	152	197	2,052	-	2,846	-	29	13	51	857	6	927										
VERMONT	-	211	868	784	306	24	1,513	5	29	83	50	385	6	385										
VIRGINIA	2,841	2,220	3,903	1,751	83	34	10,205	89	46	1,051	521	1,594	486	3,285										
WASHINGTON	90	334	2,437	1,751	2,148	443	7,323	251	251	1,091	1,091	1,594	298	4,235										
WEST VIRGINIA 4/	1,725	2,543	1,035	783	269	-	6,355	82	202	169	101	247	-	801										
WISCONSIN	-	39	3,462	7,522	1,556	-	12,979	35	44	400	781	1,723	-	2,993										
WYOMING	-	-	307	539	1,420	-	2,266	-	10	57	98	316	-	550										
TOTAL	10,862	41,086	120,354	92,108	124,123	11,223	399,756	2,386	8,129	27,907	23,602	67,662	18,218	147,904										
PERCENT/SYSTEM	2.7	10.3	30.1	23.0	31.1	2.8	100.0	1.6	5.5	18.9	16.0	45.7	12.3	100.0										

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 2/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
 3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
 4/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

FEDERAL-AID HIGHWAY SYSTEMS - 1989

MILEAGE CLASSIFIED BY TRAFFIC LANES, ACCESS CONTROL AND STATES

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

Table with columns for STATE, INTERSTATE SYSTEM 3/, RURAL MILEAGE, FEDERAL-AID PRIMARY HIGHWAY SYSTEM 5/, and URBAN MILEAGE. Each category is further divided into DIVIDED HIGHWAYS - 4 OR MORE LANES and OTHER 2/. The table lists various states and their corresponding mileage statistics.

TABLE HM-35 SHEET 1 OF 2 SEPTEMBER 1990

FEDERAL-AID HIGHWAY SYSTEMS - 1989
 MILEAGE CLASSIFIED BY TRAFFIC LANES, ACCESS CONTROL AND STATES

TABLE HM-35
 SHEET 2 OF 2
 SEPTEMBER 1990

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

STATE	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL						FEDERAL-AID URBAN HIGHWAY SYSTEM						TOTAL
	2 LANES		DEGREE OF ACCESS CONTROL 3/		OTHER 2/	TOTAL	2 LANES		DEGREE OF ACCESS CONTROL 3/		OTHER 2/	TOTAL	
	NONE	PARTIAL	FULL	TOTAL			NONE	PARTIAL	FULL	TOTAL			
ALABAMA	11,443	-	108	-	5	11,556	2,169	167	3	-	453	2,792	
ALASKA	1,771	-	-	-	-	1,771	181	4	2	-	41	258	
ARIZONA	2,964	-	29	-	188	3,171	1,350	521	113	-	186	2,959	
ARKANSAS	7,318	-	6	-	6	7,330	1,980	18	-	-	18	1,998	
CALIFORNIA	11,006	-	77	-	47	11,165	9,614	4,679	705	-	2,649	17,726	
COLORADO	3,350	-	24	-	36	3,410	1,673	196	164	-	368	2,358	
CONNECTICUT	902	-	5	-	-	902	2,722	22	2	-	207	2,957	
DELAWARE	597	-	-	-	-	602	238	27	-	-	45	311	
DIST. OF COL.	-	-	-	-	-	-	184	2	-	-	47	233	
FLORIDA	4,348	-	29	-	19	4,377	3,141	1,038	56	-	316	4,587	
GEORGIA	19,981	-	-	-	-	14,000	3,394	54	-	-	539	3,997	
HAWAII	435	-	-	-	-	435	228	25	-	-	25	323	
IDAHO	3,841	-	12	-	200	4,153	601	32	14	-	48	737	
ILLINOIS	12,848	-	12	-	11	12,971	4,994	605	21	-	88	6,766	
INDIANA	6,979	-	53	-	633	9,565	3,973	189	31	-	455	4,661	
IOWA	13,472	-	-	-	63	13,535	1,767	82	-	-	593	2,442	
KANSAS	22,564	-	34	-	10	22,608	1,412	98	55	-	29	1,601	
KENTUCKY	7,287	-	10	-	-	7,312	1,671	102	21	-	133	1,928	
LOUISIANA	7,008	-	319	-	26	7,353	1,541	360	13	-	250	2,164	
MAINE	2,742	-	-	-	-	2,742	658	3	2	-	35	705	
MARYLAND	1,871	-	-	-	6	1,906	1,267	365	59	-	406	2,147	
MASSACHUSETTS	1,661	-	-	-	36	2,307	5,257	38	16	-	74	5,904	
MICHIGAN	16,894	-	-	-	52	17,046	3,963	24	11	-	24	5,076	
MINNESOTA	18,612	-	23	-	1	16,836	1,668	203	51	-	289	2,246	
MISSISSIPPI	11,695	-	4	-	13	11,713	1,470	20	16	-	207	1,713	
MISSOURI	16,056	-	7	-	-	16,091	1,591	114	115	-	632	2,459	
MONTANA	4,748	-	-	-	-	4,748	272	34	5	-	30	342	
NEBRASKA	11,447	-	2	-	-	11,449	904	76	3	-	81	1,064	
NEVADA	2,303	-	14	-	-	2,317	163	177	-	-	213	553	
NEW HAMPSHIRE	1,240	-	5	-	-	1,245	498	67	3	-	68	1,373	
NEW JERSEY	3,789	-	114	-	27	3,930	4,336	120	14	-	522	5,260	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK	6,288	-	3	-	6	6,297	7,031	715	220	-	748	8,752	
NORTH CAROLINA	10,071	-	3	-	226	10,300	2,156	133	26	-	26	2,960	
NORTH DAKOTA	10,599	-	-	-	-	10,599	450	8	-	-	28	488	
OHIO	11,201	-	4	-	258	11,700	6,334	145	123	-	1,212	7,838	
OKLAHOMA	11,560	-	198	-	18	11,750	2,219	126	2	-	619	2,993	
OREGON	7,779	-	11	-	21	7,811	1,654	34	6	-	236	1,894	
PENNSYLVANIA	7,457	-	-	-	544	8,001	6,160	229	7	-	286	7,038	
RHODE ISLAND	191	-	4	-	6	201	842	9	10	-	74	927	
SOUTH CAROLINA	8,322	-	92	-	117	8,531	860	234	-	-	72	1,166	
SOUTH DAKOTA	10,385	-	-	-	-	10,385	2,418	161	-	-	514	3,133	
TENNESSEE	5,424	-	11	-	20	5,455	2,418	161	-	-	11	2,568	
TEXAS	31,863	-	367	-	305	32,602	4,795	1,134	119	-	1,984	6,084	
UTAH	2,599	-	26	-	31	2,646	569	228	36	-	95	927	
VERMONT	1,910	-	3	-	-	1,913	340	-	-	-	8	348	
VIRGINIA	10,039	-	109	-	57	10,205	2,598	452	21	-	372	4,439	
WASHINGTON	7,203	-	64	-	56	7,323	3,213	117	10	-	695	4,235	
WEST VIRGINIA B/	6,352	-	-	-	3	6,355	712	49	8	-	31	801	
WISCONSIN	12,975	-	4	-	-	12,979	2,433	244	23	-	283	2,983	
WYOMING	2,266	-	-	-	-	2,266	500	6	8	-	36	2,860	
TOTAL	394,468	-	1,688	-	3,126	399,756	110,808	13,738	2,122	-	20,665	147,904	
PERCENT/SYSTEM	98.7	-	0.4	-	0.8	100.0	74.9	9.3	1.4	-	14.0	100.0	

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES EXCLUDING PARKING AND TURNING LANES. CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD. UNDIVIDED, 4 LANE HIGHWAYS, ETC.
 2/ ALTHOUGH THE MONITORING SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY
 3/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS IN ADDITION TO POSSIBLE INTERCHANGES WHERE PUBLIC CROSSINGS AT GRADE WITH
 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 MOVEMENTS IN ADDITION TO POSSIBLE INTERCHANGES WHERE PUBLIC CROSSINGS AT GRADE WITH
 5/ ALTHOUGH THE MONITORING SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY - 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 MOVEMENTS IN ADDITION TO POSSIBLE INTERCHANGES WHERE PUBLIC CROSSINGS AT GRADE WITH

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹
MILEAGE CLASSIFIED BY TRAFFIC LANES AND ACCESS CONTROL

TABLE HM-36
 SEPTEMBER 1990

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

	FEDERAL-AID SYSTEM													
	INTERSTATE 3/			PRIMARY 4/			URBAN			SECONDARY			TOTAL	
	MILEAGE	PERCENT		MILEAGE	PERCENT		MILEAGE	PERCENT		MILEAGE	PERCENT		MILEAGE	PERCENT
TRAFFIC LANES AND ACCESS CONTROL 2/														
RURAL:														
1 ONE-WAY STREETS	1,081	3.2	109	0.0	-	-	-	-	525	0.1	634	0.1	592,214	89.8
2 LANES	18	0.1	196,668	87.2	-	-	-	394,465	98.7	-	592,214	89.8	2,376	0.4
3 LANES	73	0.2	2,039	0.9	-	-	-	319	0.1	-	2,376	0.4	6,506	1.0
4 OR MORE LANES - UNDIVIDED			4,694	2.1	-	-	-	1,739	0.4	-	6,506	1.0		
DIVIDED HIGHWAYS - 4 OR MORE LANES:														
DEGREE OF ACCESS CONTROL: 5/														
NONE	28	0.1	12,110	5.4	-	-	-	2,223	0.6	-	14,333	2.2	5,943	0.9
PARTIAL	32,178	96.4	5,506	2.4	-	-	-	409	0.1	-	5,943	0.9	36,869	5.6
FULL	33,378	100.0	4,615	2.0	-	-	-	399,756	100.0	-	658,875	100.0		
TOTAL RURAL			225,741	100.0										
SMALL URBAN AREA:														
1 ONE-WAY STREETS	2	0.1	204	1.7	367	1.2	367	86.6	-	-	571	1.3	33,863	75.8
2 LANES	-	-	5,832	49.5	28,029	86.6	28,029	69.6	-	-	33,863	75.8	499	1.1
3 LANES	-	-	216	1.8	263	0.9	263	6.1	-	-	499	1.1	3,950	8.8
4 OR MORE LANES - UNDIVIDED			2,025	17.2	1,925	6.1	1,925	4.9	-	-	3,950	8.8		
DIVIDED HIGHWAYS - 4 OR MORE LANES:														
DEGREE OF ACCESS CONTROL: 5/														
NONE	7	0.5	1,901	16.1	841	2.7	841	2.7	-	-	2,742	6.1	1,048	2.3
PARTIAL	1,336	99.4	929	7.9	112	0.4	112	0.4	-	-	1,048	2.3	2,051	4.6
FULL	1,345	100.0	688	5.8	27	0.1	27	0.1	-	-	2,051	4.6		
TOTAL SMALL URBAN AREA			11,795	100.0	31,584	100.0	31,584	100.0			44,724	100.0		
URBANIZED AREA:														
1 ONE-WAY STREETS	9	0.1	546	2.5	3,341	2.9	3,341	69.6	-	-	3,896	2.6	87,357	59.1
2 LANES	18	0.2	6,184	28.5	81,155	69.6	81,155	1.0	-	-	87,357	59.1	1,369	0.9
3 LANES	3	0.0	258	1.2	1,108	1.0	1,108	13.1	-	-	1,369	0.9	18,412	12.4
4 OR MORE LANES - UNDIVIDED			3,197	14.8	15,190	13.1	15,190	11.2	-	-	18,684	12.6	4,117	2.8
DIVIDED HIGHWAYS - 4 OR MORE LANES:														
DEGREE OF ACCESS CONTROL: 5/														
NONE	2	0.0	5,649	26.1	13,033	11.2	13,033	1.7	-	-	18,684	12.6	14,280	9.6
PARTIAL	11	0.1	2,148	9.9	1,958	1.7	1,958	0.5	-	-	4,117	2.8	14,280	9.6
FULL	10,058	99.4	3,687	17.0	535	0.5	535	0.5	-	-	14,280	9.6		
TOTAL URBANIZED AREA			21,669	100.0	116,320	100.0	116,320	100.0			148,115	100.0		
TOTAL URBAN:														
1 ONE-WAY STREETS	9	0.1	750	2.2	3,708	2.5	3,708	73.8	-	-	4,467	2.3	121,220	62.8
2 LANES	20	0.2	12,016	35.9	109,184	73.8	109,184	0.9	-	-	121,220	62.8	1,668	1.0
3 LANES	3	0.0	474	1.4	1,391	1.6	1,391	11.6	-	-	1,668	1.0	22,562	11.6
4 OR MORE LANES - UNDIVIDED			5,222	15.6	17,115	11.6	17,115	9.4	-	-	21,426	11.1	5,165	2.7
DIVIDED HIGHWAYS - 4 OR MORE LANES:														
DEGREE OF ACCESS CONTROL: 5/														
NONE	2	0.0	7,550	22.6	19,874	9.4	19,874	1.4	-	-	21,426	11.1	16,331	8.5
PARTIAL	18	0.2	3,077	9.2	2,070	1.4	2,070	0.4	-	-	5,165	2.7	192,839	100.0
FULL	11,394	99.3	4,375	13.1	562	0.4	562	0.4	-	-	16,331	8.5		
TOTAL URBAN			33,464	100.0	147,904	100.0	147,904	100.0			192,839	100.0		
TOTAL RURAL AND URBAN			259,205	-	147,904	-	147,904	-			399,756	-	851,714	-

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES. (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS.
 2/ THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING AND TURNING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.
 3/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
 4/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
 5/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO POSSIBLE INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS. BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

FEDERAL-AID HIGHWAY SYSTEMS - 1989
MILEAGE CLASSIFIED BY AVERAGE DAILY TRAFFIC VOLUME

TABLE HR-37
SHEET 2 OF 3
SEPTEMBER 1990

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

STATE	FEDERAL-AID PRIMARY SYSTEM - URBAN 3/													URBAN- FEDERAL- AID PRIMARY SYSTEM INCLUDING INTERSTATE
	INTERSTATE SYSTEM - URBAN 2/						AVERAGE DAILY TRAFFIC VOLUME							
	LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER	TOTAL	LESS THAN 5,000	5,000- 9,999	10,000- 14,999	15,000- 19,999	20,000- 29,999	30,000- 39,999	40,000 AND OVER	
ALABAMA	26	114	69	24	9	242	134	261	156	125	115	46	35	872
ALASKA	9	30	11	-	-	50	35	10	7	10	3	-	116	66
ARIZONA	27	38	19	18	24	127	54	76	128	15	25	21	239	368
ARKANSAS	15	64	26	19	-	123	54	165	72	72	44	5	477	600
CALIFORNIA	14	42	96	175	660	987	61	145	136	136	207	668	1,565	2,552
COLORADO	16	36	29	37	28	146	33	54	116	106	76	59	886	836
CONNECTICUT	2	22	54	93	62	233	6	70	130	124	106	47	580	615
DELAWARE	-	10	10	16	5	41	2	14	21	12	18	17	101	142
DIST. OF COL.	-	-	1	5	6	12	2	15	30	48	31	23	178	190
FLORIDA	8	103	130	76	97	414	77	257	373	613	314	222	2,272	2,686
GEORGIA	8	107	93	67	97	372	178	342	203	271	92	70	1,900	1,900
HAWAII	4	-	7	9	14	34	-	10	8	37	21	37	158	158
IDAHO	29	36	11	-	-	76	10	18	5	10	2	-	61	137
ILLINOIS	61	171	76	85	132	524	136	423	212	463	150	126	1,938	2,462
INDIANA	8	118	61	214	11	266	49	164	122	154	43	24	1,770	1,854
IOWA	25	81	24	7	-	137	198	285	118	74	2	-	717	854
KANSAS	45	60	34	17	3	159	60	118	38	55	2	14	333	492
KENTUCKY	1	72	58	46	7	184	48	106	70	61	32	15	472	556
LOUISIANA	20	71	52	28	16	187	74	105	50	81	37	27	469	656
MAINE	15	26	12	-	-	53	12	58	34	24	4	-	185	238
MARYLAND	1	19	35	64	105	224	19	27	108	131	90	137	568	792
MASSACHUSETTS	3	56	134	124	105	394	38	163	519	95	62	106	1,201	1,595
MICHIGAN	13	114	131	101	96	455	26	182	191	152	131	129	950	1,405
MINNESOTA	19	140	79	51	28	217	111	156	113	83	66	35	617	834
MISSISSIPPI	14	94	9	7	-	124	51	120	83	41	14	-	350	474
MISSOURI	27	62	71	92	84	336	58	101	113	108	44	-	544	660
MONTANA	47	-	-	-	-	47	25	34	21	12	1	1	102	149
NEBRASKA	5	15	5	9	3	37	47	78	29	43	15	4	283	300
NEVADA	7	16	5	12	6	46	-	28	3	10	7	7	69	115
NEW HAMPSHIRE	-	19	20	5	-	44	2	31	23	30	5	10	188	212
NEW JERSEY	4	30	60	97	81	272	67	21	67	191	54	214	859	937
NEW MEXICO	46	21	11	9	7	94	34	56	47	38	13	4	225	319
NEW YORK	34	221	159	126	105	645	135	354	339	275	151	384	1,983	2,628
NORTH CAROLINA	1	93	96	56	2	226	36	103	146	137	81	53	667	893
NORTH DAKOTA	31	194	251	182	81	719	46	40	29	10	1	-	177	177
OHIO	11	194	251	182	81	719	124	329	435	295	86	45	1,589	2,308
OKLAHOMA	33	66	45	59	4	207	61	144	110	56	14	32	430	637
OREGON	23	125	38	34	14	132	37	79	93	72	17	31	386	528
PENNSYLVANIA	23	166	123	78	180	414	180	463	352	410	166	192	2,158	2,572
RHODE ISLAND	-	15	12	6	16	49	46	44	55	41	66	-	264	313
SOUTH CAROLINA	6	41	34	34	2	117	65	159	116	121	68	28	724	841
SOUTH DAKOTA	28	18	-	-	-	46	80	98	47	25	8	-	307	353
TENNESSEE	106	77	92	93	237	281	57	210	236	203	42	51	1,212	1,212
TEXAS	106	212	218	237	177	950	204	390	345	270	154	321	1,937	2,687
UTAH	17	33	60	24	12	146	18	25	30	11	22	3	109	255
VERMONT	14	19	2	-	-	35	32	20	20	9	1	-	83	118
VIRGINIA	7	77	54	86	74	298	27	158	96	115	114	47	652	950
WASHINGTON	9	48	54	43	89	243	57	98	111	131	112	102	656	899
WEST VIRGINIA 4/	6	64	14	6	-	90	11	57	70	15	7	-	213	303
WISCONSIN	8	50	18	23	25	124	11	305	119	91	55	38	947	1,071
WYOMING	48	2	-	-	-	50	28	57	10	3	-	-	124	174
TOTAL	925	3,117	2,701	2,427	2,301	11,471	3,003	6,920	4,884	5,679	2,761	3,413	39,464	44,936
PERCENT/SYSTEM	8.1	27.1	23.5	21.2	20.1	100.0	9.0	20.6	14.6	17.0	8.3	10.2	100.0	-

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹
MILEAGE CLASSIFIED BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-99
 SHEET 1 OF 3
 SEPTEMBER 1990

MILEAGE AS OF DECEMBER 31, 1989
 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			TOTAL	AVERAGE DAILY TRAFFIC VOLUME			TOTAL								
	LESS THAN 6,000	6,000-9,999	10,000-19,999 AND OVER		LESS THAN 1,000	1,000-1,999	2,000-2,999		3,000-3,999	4,000-4,999	5,000-9,999	10,000-14,999		15,000 AND OVER		
UNDIVIDED:																
LESS THAN 9 FEET	-	64	-	-	-	64	224	117	73	-	5	-	-	1	422	422
9 FEET	-	42	-	-	-	42	1,121	1,619	619	-	194	-	-	187	4,194	4,258
10 FEET	-	83	-	-	-	83	4,610	5,608	3,703	-	1,055	-	-	1,986	19,587	19,629
11 FEET	-	892	-	-	29	986	5,820	8,983	7,346	-	2,498	-	-	4,749	35,020	35,103
12 FEET	-	-	-	-	-	-	28,376	31,977	25,029	-	9,670	-	-	19,894	135,931	136,927
GREATER THAN 12 FEET	-	-	-	-	-	-	1,295	2,154	1,203	-	659	-	-	1,190	8,117	8,117
TOTAL UNDIVIDED	1,081	24	51	29	1,185	1,185	41,446	50,458	37,973	24,969	14,081	28,007	4,697	26,007	203,271	204,456
DIVIDED:																
NO ACCESS CONTROL:																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARTIAL ACCESS CONTROL: 4/																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FULL ACCESS CONTROL: 4/																
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DIVIDED	4,782	6,238	11,933	9,240	32,193	32,193	13	365	1,055	1,369	1,253	8,611	4,953	8,611	22,470	54,663
TOTAL	5,863	6,262	11,984	9,269	33,378	33,378	41,459	50,823	39,028	26,338	15,334	36,618	9,650	6,491	225,741	259,119

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹

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

TABLE HM-39
SHEET 2 OF 3
SEPTEMBER 1990

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

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE SYSTEM - URBAN 2/										FEDERAL-AID PRIMARY HIGHWAY SYSTEM - URBAN 3/										URBAN FEDERAL-AID PRIMARY SYSTEM INCLUDING INTERSTATE
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL									
	LESS THAN 15,000	15,000-34,999	35,000-59,999	60,000-99,999	100,000 AND OVER		LESS THAN 5,000	5,000-9,999	10,000-14,999	15,000-19,999	20,000-29,999		30,000-39,999	40,000 AND OVER							
UNDIVIDED:	-	-	-	-	-	-	4	8	2	-	-	-	16	169	18	-	-	16			
LESS THAN 9 FEET	-	-	-	-	-	-	32	57	34	29	17	-	169	169	18	-	-	169			
10 FEET	1	-	-	-	-	1	290	412	382	301	354	155	1,913	1,913	41	-	-	1,913			
11 FEET	-	-	-	1	13	36	452	762	487	389	314	76	2,521	2,521	130	-	-	2,521			
12 FEET	10	5	2	-	-	1	1,713	3,472	2,851	1,573	1,162	432	11,333	11,333	3	-	-	11,333			
GREATER THAN 12 FEET	-	1	-	-	-	1	212	601	756	461	242	42	2,319	2,319	-	-	-	2,319			
TOTAL UNDIVIDED	11	6	2	7	14	40	2,703	5,312	4,514	2,755	2,089	705	18,270	18,270	192	-	-	18,310			
DIVIDED:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NO ACCESS CONTROL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 FEET	-	-	-	-	-	-	1	35	31	39	94	84	5	5	56	-	-	5			
11 FEET	-	-	-	-	-	-	1	78	96	88	168	113	5	5	147	-	-	5			
12 FEET	-	-	-	-	-	3	130	718	1,046	1,027	1,827	756	691	691	688	-	-	691			
GREATER THAN 12 FEET	-	1	2	-	-	-	10	60	80	66	163	70	6,214	6,214	28	-	-	6,217			
SUBTOTAL	-	1	2	-	-	3	142	891	1,254	1,242	2,257	1,027	7,732	7,732	919	-	-	7,735			
PARTIAL ACCESS CONTROL: 4/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
11 FEET	-	-	-	-	-	-	2	9	22	40	34	6	45	45	29	-	-	45			
12 FEET	1	12	3	-	-	16	73	412	615	487	642	280	136	136	23	-	-	136			
GREATER THAN 12 FEET	-	1	-	-	-	1	1	15	19	9	14	10	71	71	3	-	-	72			
SUBTOTAL	1	13	3	-	-	17	76	436	657	544	692	301	3,101	3,101	395	-	-	3,118			
FULL ACCESS CONTROL: 4/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
12 FEET	904	3,035	2,645	5	41	52	80	272	369	327	10	43	120	120	44	-	-	172			
GREATER THAN 12 FEET	9	60	44	20	2	135	1	4	3	4	14	21	48	48	1	-	-	183			
SUBTOTAL	913	3,097	2,694	2,420	2,287	11,411	82	281	379	343	641	728	4,361	4,361	1,907	-	-	15,772			
TOTAL DIVIDED	914	3,111	2,699	2,420	2,287	11,431	300	1,608	2,290	2,129	3,590	2,056	15,194	15,194	3,221	-	-	26,625			
TOTAL	925	3,117	2,701	2,427	2,301	11,471	3,003	6,920	6,804	4,884	5,679	2,761	33,464	33,464	3,413	-	-	44,935			

FEDERAL-AID HIGHWAY SYSTEMS - 1989¹
MILEAGE CLASSIFIED BY LANE WIDTH, ACCESS CONTROL, AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-39
SHEET 3 OF 3
SEPTEMBER 1990

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

LANE WIDTH AND DEGREE OF ACCESS CONTROL	FEDERAL-AID SECONDARY HIGHWAY SYSTEM - RURAL										FEDERAL-AID URBAN HIGHWAY SYSTEM					
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL				
	LESS THAN 100	100-499	500-999	1,000-4,999	5,000-9,999		10,000 AND OVER	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999		10,000-19,999	20,000 AND OVER		
UNDIVIDED:	2,580	5,577	2,003	586	-	10,746	912	791	425	175	76	17	2,396			
LESS THAN 9 FEET	2,986	15,526	9,265	12,721	-	40,925	2,197	3,324	1,237	902	389	78	8,127			
9 FEET	6,902	48,142	26,174	37,035	2	120,451	3,493	8,896	4,582	5,636	3,191	1,113	26,851			
10 FEET	9,324	26,730	21,492	31,378	339	91,599	1,656	5,419	3,605	5,705	3,686	1,278	21,349			
11 FEET	10,957	37,801	21,765	42,775	2,518	122,665	3,206	10,395	9,377	15,142	12,609	3,039	53,768			
GREATER THAN 12 FEET	1,957	3,420	1,230	3,503	181	10,936	1,224	3,633	3,239	5,215	3,456	444	17,211			
TOTAL UNDIVIDED	34,706	135,196	83,929	127,998	12,062	397,322	12,688	32,398	22,465	32,775	23,407	5,969	129,702			
DIVIDED:	-	-	-	-	-	-	4	-	-	-	-	3	7			
NO ACCESS CONTROL:	-	-	-	-	-	-	2	3	7	32	-	14	58			
LESS THAN 9 FEET	-	-	-	168	2	178	14	61	56	203	289	486	1,109			
9 FEET	-	-	-	97	2	100	65	73	48	192	731	1,078	2,187			
10 FEET	-	-	107	841	181	1,507	82	214	364	1,357	3,733	5,252	11,002			
11 FEET	-	-	-	11	128	153	6	67	53	244	357	257	984			
12 FEET	-	-	-	1,117	313	1,938	173	418	528	2,028	5,110	7,090	15,347			
GREATER THAN 12 FEET	-	-	107	274	110	417	2	32	339	602	1,252	2,259	-			
SUBTOTAL	-	-	107	274	110	417	2	32	339	602	1,252	2,259	-			
PARTIAL ACCESS CONTROL: 4/	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	-	-	-	-	-	-	-	1	9	2	-	-	13			
9 FEET	-	-	-	-	-	-	-	2	4	3	-	-	89			
10 FEET	-	-	-	-	-	-	-	-	-	50	-	-	234			
11 FEET	-	-	-	-	-	-	-	25	16	518	-	-	1,832			
12 FEET	-	-	-	274	110	404	2	4	12	29	-	-	91			
GREATER THAN 12 FEET	-	-	-	-	-	-	-	3	3	29	-	-	43			
SUBTOTAL	-	-	-	274	110	417	2	32	339	602	1,252	2,259	-			
FULL ACCESS CONTROL: 4/	-	-	-	-	-	-	-	-	-	-	-	-	-			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-			
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-			
11 FEET	-	-	-	-	-	-	-	3	-	-	-	-	54			
12 FEET	-	-	15	48	2	79	-	-	5	15	-	16	522			
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	1	140	-	19	20			
SUBTOTAL	-	-	15	48	2	79	-	3	5	155	-	366	596			
TOTAL DIVIDED	-	-	122	1,439	425	2,434	175	453	565	2,434	5,867	8,708	18,202			
TOTAL	34,706	135,196	84,051	129,437	12,487	399,756	12,863	32,851	23,030	35,209	29,274	14,677	147,904			

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLE DATA FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS.
2/ ALTHOUGH THE INTERSTATE SYSTEM IS PART OF THE FEDERAL-AID PRIMARY SYSTEM, ITS MILEAGE IS SHOWN SEPARATELY.
3/ DOES NOT INCLUDE THE INTERSTATE SYSTEM.
4/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO POSSIBLE INTERCHANGES, THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS. BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

NATIONAL NETWORK FOR TRUCKS - 1989¹

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

MILEAGE COMPILED IN COOPERATION
WITH STATE AUTHORITIESTABLE HM-43
SEPTEMBER 1990

STATE	OPEN-TO-TRAFFIC MILEAGE				NON-INTERSTATE FAP DESIGNATED TRUCK ROUTE MILEAGE	TRUCK ROUTE MILEAGE INCLUDING NON-INTERSTATE 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/	882	6,752	7,634	90,535	1,287	2,169	19.06	28.41	2.40
ALASKA 2/	1,089	1,021	2,110	12,272	-	486	0.00	23.03	3.96
ARIZONA 2/	1,166	3,501	4,667	57,398	3,329	4,495	95.09	96.31	7.83
ARKANSAS 3/	542	5,210	5,752	77,122	5,210	5,752	100.00	100.00	7.46
CALIFORNIA 2/	2,403	11,082	13,485	164,298	6,747	9,150	60.88	67.85	5.57
COLORADO 3/	939	4,336	5,275	77,361	4,330	5,269	99.86	99.89	6.81
CONNECTICUT 2/	342	1,269	1,611	19,914	130	472	10.24	29.30	2.37
DELAWARE 2/	41	435	476	5,417	185	226	42.53	47.48	4.17
DIST. OF COL. 2/	12	178	190	1,102	4	16	2.25	8.42	1.45
FLORIDA 2/	1,396	8,017	9,413	107,955	534	1,930	6.66	20.50	1.79
GEORGIA 2/	1,245	10,110	11,355	108,010	602	1,847	5.95	16.27	1.71
HAWAII 2/	39	512	551	4,082	502	541	98.05	98.19	13.25
IDAHO 4/	606	2,720	3,326	61,317	1,825	2,431	67.10	73.09	3.96
ILLINOIS 2/	1,941	9,690	11,631	135,878	142	2,083	1.47	17.91	1.53
INDIANA 3/	1,117	4,978	6,095	91,744	4,978	6,095	100.00	100.00	6.64
IOWA 2/	782	8,784	9,566	112,551	7,161	7,943	81.52	83.03	7.06
KANSAS 3/	871	8,046	8,917	133,156	8,045	8,916	99.99	99.99	6.70
KENTUCKY 2/	763	3,807	4,570	69,711	1,944	2,707	51.06	59.23	3.88
LOUISIANA 2/	840	3,117	3,957	58,521	3,130	3,970	100.42	100.33	6.78
MAINE 2/	366	2,008	2,374	22,240	12	378	0.60	15.92	1.70
MARYLAND 2/	393	2,210	2,603	28,495	391	784	17.69	30.12	2.75
MASSACHUSETTS 2/	564	2,214	2,778	33,807	90	654	4.07	23.54	1.93
MICHIGAN 2/	1,220	7,194	8,414	117,996	5,191	6,411	72.16	76.19	5.43
MINNESOTA 2/	905	9,301	10,206	129,553	3,934	4,839	42.30	47.41	3.74
MISSISSIPPI 3/	684	5,789	6,473	72,312	5,778	6,462	99.81	99.83	8.94
MISSOURI 2/	1,177	7,018	8,195	120,077	2,397	3,574	34.16	43.61	2.98
MONTANA 4/	1,191	5,453	6,644	71,360	5,453	6,644	100.00	100.00	9.31
NEBRASKA 3/	481	7,194	7,675	92,459	7,187	7,668	99.90	99.91	8.29
NEVADA 3/	545	1,857	2,402	44,856	1,815	2,360	97.74	98.25	5.26
NEW HAMPSHIRE 2/	225	1,132	1,357	14,803	14	239	1.24	17.61	1.61
NEW JERSEY 2/	398	1,486	1,884	34,246	23	421	1.55	22.35	1.23
NEW MEXICO 2/	1,000	3,576	4,576	54,807	2,584	3,584	72.26	78.32	6.54
NEW YORK 2/	1,500	8,398	9,898	110,964	1,643	3,143	19.56	31.75	2.83
NORTH CAROLINA 2/	846	4,520	5,366	94,228	2,406	3,252	53.23	60.60	3.45
NORTH DAKOTA 2/	570	5,539	6,109	86,384	1,669	2,239	30.13	36.65	2.59
OHIO 3/	1,566	6,570	8,136	113,439	6,558	8,124	99.82	99.85	7.16
OKLAHOMA 3/	930	5,305	6,235	111,669	5,305	6,235	100.00	100.00	5.58
OREGON 2/	727	5,065	5,792	95,430	4,031	4,758	79.59	82.15	4.99
PENNSYLVANIA 2/	1,569	9,917	11,486	116,277	1,705	3,274	17.19	28.50	2.82
RHODE ISLAND 2/	70	427	497	5,884	25	95	5.85	19.11	1.61
SOUTH CAROLINA 2/	790	5,681	6,471	64,104	1,118	1,908	19.68	29.49	2.98
SOUTH DAKOTA 3/	677	5,997	6,674	73,378	5,996	6,673	99.98	99.99	9.09
TENNESSEE 2/	1,062	6,145	7,207	84,081	1,541	2,603	25.08	36.12	3.10
TEXAS 3/	3,228	16,757	19,985	305,692	16,757	19,985	100.00	100.00	6.54
UTAH 3/	924	2,620	3,544	42,971	2,620	3,544	100.00	100.00	8.25
VERMONT 2/	321	1,120	1,441	14,093	30	351	2.68	24.36	2.49
VIRGINIA 2/	1,069	5,392	6,461	67,282	1,967	3,036	36.48	46.99	4.51
WASHINGTON 3/	762	5,029	5,791	81,439	5,028	5,790	99.98	99.98	7.11
WEST VIRGINIA 2/ 5/	519	2,448	2,967	34,477	242	761	9.89	25.65	2.21
WISCONSIN 2/	640	9,290	9,930	109,813	5,494	6,134	59.14	61.77	5.59
WYOMING 3/	914	2,988	3,902	39,541	2,951	3,865	98.76	99.05	9.77
U.S. TOTAL	44,849	259,205	304,054	3,876,501	152,040	196,286	58.66	64.56	5.06
PUERTO RICO 2/	198	518	716	13,185	71	269	13.71	37.57	2.04
GRAND TOTAL	45,047	259,723	304,770	3,889,686	152,111	196,555	58.57	64.49	5.05

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

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

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

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

5/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1989
COUNT BY FEDERAL-AID SYSTEM

TABLE HN-41
SEPTEMBER 1990

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

STATE	RURAL						URBAN						UN-CLASSIFIED 1/	TOTAL BRIDGES
	INTERSTATE	FEDERAL-AID PRIMARY	FEDERAL-AID SECONDARY	TOTAL FEDERAL-AID	NON-FEDERAL-AID	TOTAL	INTERSTATE	FEDERAL-AID PRIMARY	FEDERAL-AID URBAN	TOTAL FEDERAL-AID	NON-FEDERAL-AID	TOTAL		
ALABAMA	604	2,259	3,151	6,014	7,085	13,099	554	454	698	1,696	642	2,338	15,437	
ALASKA	129	113	113	502	182	684	20	17	43	80	37	117	6,669	
ARIZONA	1,513	1,406	786	3,705	841	4,546	164	137	860	860	327	1,207	18,611	
ARKANSAS	393	2,083	2,221	4,697	8,864	11,561	230	318	724	1,272	152	1,424	26,722	
CALIFORNIA	1,719	3,097	2,288	7,104	5,973	13,077	1,832	1,690	4,375	7,897	1,447	9,344	79,917	
COLORADO	658	992	856	3,410	3,410	5,716	322	355	829	1,306	491	1,797	12,463	
CONNECTICUT	122	279	231	632	809	1,441	643	598	783	2,024	2,403	4,427	3,738	
DELAWARE		81	81	162	224	386	91	58	165	314	96	382	22,432	
DIST. OF COL.														
FLORIDA	717	1,643	774	3,134	2,644	5,778	897	996	42	210	27	237	10,336	
GEORGIA	616	2,471	2,878	5,965	5,812	11,777	514	645	1,168	3,061	1,497	4,558	14,206	
HAWAII	8	190	143	341	250	531	82	172	72	326	126	452	1,044	
IDAHO	345	423	641	1,409	1,896	3,305	87	21	164	272	142	414	3,719	
ILLINOIS	1,024	2,698	3,485	7,207	14,075	21,282	1,037	871	1,645	3,553	737	4,290	25,152	
INDIANA	1,011	1,262	2,568	4,841	9,552	14,393	813	533	1,645	2,470	662	3,132	17,825	
IOWA	430	2,354	3,260	6,044	17,897	23,941	282	350	547	1,179	572	1,751	26,682	
KANSAS	604	2,761	6,265	9,630	14,315	23,945	395	283	479	1,157	530	1,687	25,632	
KENTUCKY	423	1,330	2,341	4,094	7,588	11,682	333	257	309	899	103	1,002	12,684	
LOUISIANA	871	1,228	2,698	4,797	6,992	11,789	473	198	1,169	1,227	959	2,186	14,063	
MAINE	179	341	940	1,280	1,253	2,193	93	80	169	342	51	393	2,586	
MARYLAND	237	516	527	1,280	1,489	2,769	456	405	584	1,445	386	1,831	4,694	
MASSACHUSETTS	386	357	1,460	1,205	899	2,104	703	627	1,244	2,574	296	2,869	4,375	
MICHIGAN	407	1,084	4,845	3,336	4,144	7,480	729	608	1,214	2,551	603	3,154	10,634	
MINNESOTA	289	1,471	2,070	3,830	7,287	11,117	404	304	661	1,369	555	1,924	13,101	
MISSISSIPPI	571	2,239	4,171	6,981	8,917	15,898	206	227	210	643	462	1,105	17,013	
MISSOURI	554	2,082	4,272	6,908	13,643	20,551	601	464	847	1,912	952	2,864	23,418	
MONTANA	724	1,017	2,281	2,281	2,154	4,435	89	271	70	218	53	271	4,706	
NEBRASKA	231	2,015	2,339	4,585	10,370	14,955	108	159	250	517	210	727	15,662	
NEVADA	310	125	105	540	220	760	115	38	120	273	54	327	1,087	
NEW HAMPSHIRE	268	443	292	1,229	1,241	2,129	101	95	163	369	82	441	2,670	
NEW JERSEY	155	438	430	1,028	1,154	2,182	739	981	1,495	3,215	639	3,854	6,036	
NEW MEXICO	654	875	480	2,009	867	2,876	196	105	66	367	205	572	3,448	
NEW YORK	660	1,957	1,566	4,183	7,248	11,431	1,181	1,404	2,066	4,651	1,234	5,885	17,324	
NORTH CAROLINA	458	1,184	2,242	3,884	9,542	13,426	354	509	901	1,782	1,109	2,871	16,501	
NORTH DAKOTA	313	609	707	1,629	3,407	5,036	76	29	48	153	181	271	6,217	
OHIO	980	2,207	4,300	7,487	15,781	23,268	1,260	1,220	2,368	4,848	1,106	5,954	29,222	
OKLAHOMA	763	2,310	3,786	6,859	13,823	20,682	495	438	937	1,870	196	2,066	22,752	
OREGON	474	839	1,736	3,049	2,544	5,593	241	225	250	716	286	1,002	6,597	
PENNSYLVANIA	1,228	3,034	2,485	6,807	10,323	17,130	834	1,528	1,783	4,145	1,385	5,530	22,670	
RHODE ISLAND	18	30	21	69	73	142	127	148	217	492	63	585	698	
SOUTH CAROLINA	435	1,293	1,868	3,596	4,371	7,967	172	279	236	687	263	950	8,917	
SOUTH DAKOTA	385	1,208	1,208	2,538	3,941	6,479	68	53	81	202	88	290	6,469	
TENNESSEE	790	2,399	2,120	5,309	10,021	15,330	595	650	992	2,237	1,044	3,281	18,611	
TEXAS	3,434	7,033	8,254	18,721	14,172	32,893	2,604	2,594	3,078	8,276	3,855	12,131	45,025	
UTAH	445	343	288	1,077	706	1,783	320	35	167	522	299	821	2,604	
VERMONT	275	363	517	1,345	1,155	2,500	38	18	87	143	20	206	2,663	
VIRGINIA	624	1,582	2,527	4,933	5,390	10,323	641	385	960	1,986	420	2,406	12,730	
WASHINGTON	345	1,066	1,200	2,611	2,694	5,305	535	480	419	1,434	202	1,636	6,956	
WEST VIRGINIA	404	639	1,669	2,712	3,027	5,739	232	149	228	609	104	713	6,453	
WISCONSIN	569	1,917	1,917	4,434	6,172	10,606	434	738	778	1,966	437	2,393	12,999	
WYOMING	661	471	338	1,670	876	2,546	93	41	93	227	54	281	2,827	
TOTAL	29,816	69,844	91,458	191,118	275,503	466,621	23,685	23,124	37,822	84,631	25,929	110,560	577,296	
PERCENT - TOTAL	5.2	12.1	15.8	33.1	47.7	80.8	4.1	4.0	6.6	14.7	4.5	19.2	100.0	

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

JURISDICTION - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-50
SHEET 1 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL				MINOR ARTERIAL				TOTAL
	UNDER STATE CONTROL	UNDER STATE CONTROL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS	UNDER FEDERAL CONTROL	TOTAL	UNDER STATE CONTROL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS	UNDER FEDERAL CONTROL	
ALABAMA	640	1,992	-	-	-	-	1,992	3,817	25	-	3	44	3,889
ALASKA	1,039	53	-	-	-	-	1,037	902	-	-	-	-	902
ARIZONA	1,039	1,037	-	-	-	-	1,930	2,196	-	-	-	30	2,226
ARKANSAS	1,419	1,930	-	-	-	-	1,930	3,166	-	-	-	-	3,166
CALIFORNIA	1,416	2,644	2	-	-	94	2,938	6,449	60	-	-	87	6,596
COLORADO	1,901	1,901	-	-	-	-	1,903	1,947	5	-	-	-	1,952
CONNECTICUT	109	226	-	-	-	-	226	464	-	8	-	-	472
DELAWARE	-	151	-	-	1	1	153	182	-	-	-	-	182
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	982	2,589	12	-	-	-	2,601	3,457	37	-	1	-	3,495
GEORGIA	873	2,681	10	-	-	15	2,706	5,741	55	-	2	-	5,876
HAWAII	5	13	-	-	-	-	13	380	5	-	-	-	385
IDaho	530	1,633	-	-	-	-	1,633	1,026	-	-	-	-	1,026
ILLINOIS	1,417	225	-	-	-	-	225	7,508	13	2	4	-	7,527
INDIANA	851	1,083	-	-	-	-	1,083	3,117	5	-	5	-	3,127
IOWA	645	3,122	20	-	1	-	3,143	4,794	117	-	13	-	4,924
KANSAS	712	3,250	-	-	-	-	3,250	4,463	-	-	-	-	4,463
KENTUCKY	579	1,577	-	-	-	-	1,577	1,758	-	-	-	-	1,758
LOUISIANA	653	1,079	-	-	-	-	1,079	1,579	-	-	-	-	1,579
MAINE	313	736	-	-	-	-	736	1,088	-	-	-	-	1,088
MARYLAND	169	499	-	-	-	-	499	1,130	13	-	-	-	1,143
MASSACHUSETTS	170	231	-	12	-	-	244	539	-	229	1	-	769
MICHIGAN	765	2,362	-	-	-	1	2,362	3,873	8	-	-	-	3,882
MINNESOTA	688	3,355	4	1	-	-	3,360	5,323	1	-	1	-	5,324
MISSISSIPPI	560	1,579	-	-	-	-	1,579	3,841	13	-	6	279	4,139
MISSOURI	841	2,768	-	-	-	-	2,768	3,706	-	-	-	-	3,706
MONTANA	1,144	2,102	-	-	-	-	2,102	3,260	-	-	-	-	3,260
NEBRASKA	1,444	2,718	-	-	-	-	2,718	4,212	-	-	1	-	4,213
NEVADA	499	609	-	-	-	-	611	1,177	-	-	-	-	1,177
NEW HAMPSHIRE	181	318	-	-	1	-	319	664	-	-	-	-	664
NEW JERSEY	126	279	-	-	-	-	279	616	46	-	-	-	663
NEW MEXICO	906	1,217	-	-	-	-	1,217	2,141	5	-	1	-	2,146
NEW YORK	855	1,759	24	-	6	-	1,789	4,510	97	6	13	-	4,626
NORTH CAROLINA	620	2,059	-	-	-	-	2,059	1,777	-	-	-	274	2,051
NORTH DAKOTA	530	1,207	-	-	-	-	1,207	4,197	-	-	-	-	4,197
OHIO	847	1,672	-	-	-	-	1,672	3,308	-	-	1	-	3,309
OKLAHOMA	723	1,879	-	-	-	-	1,879	3,220	-	-	-	-	3,220
OREGON	595	2,271	-	-	-	-	2,271	2,409	156	-	1	-	2,565
PENNSYLVANIA	1,155	1,786	-	-	-	-	1,787	5,957	-	15	-	-	5,972
RHODE ISLAND	21	74	-	1	-	-	74	84	-	8	-	-	92
SOUTH CAROLINA	673	1,517	-	-	-	-	1,517	3,440	-	-	-	-	3,440
SOUTH DAKOTA	631	2,311	-	-	-	-	2,311	3,348	-	-	-	39	3,387
TENNESSEE	781	1,051	-	-	-	6	1,051	4,163	-	-	-	-	4,163
TEXAS	2,278	7,903	-	-	1	-	7,904	6,918	1	-	-	-	6,919
UTAH	778	671	-	-	-	11	682	1,840	-	-	-	23	1,863
VERMONT	286	282	-	-	7	-	289	726	-	-	22	-	748
VIRGINIA	771	1,507	-	-	-	2	1,509	3,231	3	-	-	-	3,234
WASHINGTON	519	1,796	-	-	-	-	1,796	2,577	-	-	-	-	2,577
WEST VIRGINIA 3/	429	515	3	-	-	-	518	1,717	-	1	-	-	1,717
WISCONSIN	516	3,249	22	-	-	-	3,271	4,969	102	-	3	-	5,075
WYOMING	864	1,023	-	-	-	-	1,023	1,785	-	-	-	309	2,094
TOTAL	33,378	80,691	97	14	17	132	80,951	144,692	766	269	78	1,522	147,327
PERCENT/SYSTEM	100.0	99.6	0.2	0.0	0.0	0.2	100.0	98.2	0.5	0.2	0.1	1.0	100.0

JURISDICTION - RURAL - 1989

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HN-50
SHEET 2 OF 4
SEPTEMBER 1990

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

STATE	MAJOR COLLECTOR				MINOR COLLECTOR				LOCAL				TOTAL		
	UNDER LOCAL CONTROL		UNDER STATE CONTROL	TOTAL	UNDER LOCAL CONTROL		UNDER STATE CONTROL	TOTAL	UNDER LOCAL CONTROL		UNDER STATE CONTROL	TOTAL			
	COUNTY ROADS	TOWN AND TOWNSHIP ROADS			COUNTY ROADS	TOWN AND TOWNSHIP ROADS			COUNTY ROADS	TOWN AND TOWNSHIP ROADS				COUNTY ROADS	TOWN AND TOWNSHIP ROADS
ALABAMA	2,741	8,406	409	11,556	48	6,778	166	6,992	176	43,158	4,394	895	48,622		
ALASKA	1,856	1,982	3	3,856	256	484	22	2,373	5,702	22,005	1,099	9,715	5,702		
ARIZONA	1,201	3,299	75	12,416	236	6,075	126	6,566	209	39,725	3,692	44,369	32,819		
ARKANSAS	8,999													48,622	
CALIFORNIA	1,023	11,376	253	12,916	128	9,437	393	9,887	3,047	35,100	2,420	17,958	57,825		
COLORADO	3,532	3,101	91	7,296	228	9,787	840	12,032	1,156	36,562	1,637	4,671	46,169		
CONNECTICUT	913			960	296			1,156	192				4,671	46,169	
DELAWARE	603		1	606	153			154	2,507		226		2,733	2,733	
DIST. OF COL.	576	4,020	78	4,674	12	5,085	98	5,195		42,358			42,358	42,358	
FLORIDA	6,026	7,830	26	14,023	27	7,173	14	7,276	133	52,062		643	56,593	56,593	
HAWAII	379	79		458	9	104		113	70	1,584	3,755	35	1,689	1,689	
IDaho	1,492	1,968	1,331	4,896	15	1,599	1,285	3,895	155	10,326	10,743	25,707	46,931	46,931	
ILLINOIS	2,756	10,275	17	14,275	106	2,132	1,288	3,580	1,032	2,481	66,452	6,702	76,933	76,933	
INDIANA	4,598	5,027	115	9,707	28	10,181	27	10,348	88	45,977	532		48,825	48,825	
IOWA	4,391	12,806	558	13,535	1	16,124	271	16,396	284	59,933	4,802	116	65,135	65,135	
KANSAS	1,647	21,028	5	22,680	7	9,315		9,322	6	81,097	2,639		83,742	83,742	
KENTUCKY	7,312			7,352	9,194	44		9,272	5,137	34,630	1,556	237	41,560	41,560	
KENTUCKY	7,336	3		7,352	4,305			4,305	28,422	2,316	596	570	31,308	31,308	
LOUISIANA	3,247		1	3,278	1,596		607	2,255	789	10,569		167	12,111	12,111	
MARYLAND	1,362	527	17	1,906	378	1,486	29	1,893	399	9,520	502	302	10,723	10,723	
MASSACHUSETTS	384	1,615	442	2,007	46	7,063	469	1,951	390	56,856	2,394	11	59,299	59,299	
MICHIGAN	689	16,034	18	17,165	31	11,290	35	11,870	1,246	17,337	52,744	1,416	77,580	77,580	
MINNESOTA	1,531	14,853	108	16,636	126	11,290	35	11,870	1,246	17,337	52,744	1,416	77,580	77,580	
MISSISSIPPI	3,520	8,012	2	11,714	53	2,835	1	2,826	135	41,485	2,400	50	44,070	44,070	
MISSOURI	18,100	5,925	184	18,100	5,430	7,457	20	9,385	961	32,276	5,408	563	79,385	79,385	
MONTANA	334	9,018	5	6,968	244	8,739	53	9,385	348	42,684	13,391	53	46,482	46,482	
NEBRASKA	2,244			11,449				9,235						59,450	59,450
NEVADA	2,086	195	2	6,297	354	1,989	27	2,450	197	20,531	437	13,548	34,713	34,713	
NEW HAMPSHIRE	1,227	1,533	77	1,570	869	895	20	1,226	468	997	6,082	6,762	7,712	7,712	
NEW JERSEY	92			4,485	2,460			1,241	482	38,153		21	38,113	38,113	
NEW MEXICO	4,465							2,460							
NEW YORK	4,181	1,826	59	6,297	614	8,673	174	10,794	357	6,702	2,046		48,902	48,902	
NORTH CAROLINA	10,471	9,148	226	10,480	9,057			9,058	45,971	3,459	3,459	1,467	50,897	50,897	
NORTH CAROLINA	1,199	355	189	11,107	179	7,344	62	7,492	47	57,693	1,960	346	60,046	60,046	
NORTH DAKOTA	8,468	2,953	110	11,700	1,245	5,443	159	7,188	1,030	18,929	2,792	29	57,410	57,410	
OHIO	5,904	14,939	571	21,414	194	3,064	25	3,089	233	68,933		87	69,253	69,253	
OKLAHOMA	1,676	6,843	93	9,646	194	3,658	30	3,145	3,145	21,549	1,473	37,769	63,936	63,936	
OREGON	7,805	21	67	8,001	8,344			6,402	12,549	49,589			63,130	63,130	
RHODE ISLAND	134			201	40			153			943		943	943	
SOUTH CAROLINA	8,385	145	1	8,531	3,822	180	3	4,005	17,591	17,871	53	508	36,533	36,533	
TENNESSEE	1,387	9,197	59	11,461	13	6,073	6	6,857	99	15,639	28,280	1,533	46,939	46,939	
TENNESSEE	5,457	37,905	28	5,457	31	10,454	312	10,799	93	4,869	3,352	1,503	46,603	46,603	
TEXAS	36,770	1,083		37,905	14,452	4,026	48	18,534	293	128,078	14,203	930	143,504	143,504	
UTAH	1,683	1,143	56	3,036	127	9,530	189	4,277	14	15,441	1,920	9,419	26,794	26,794	
VERMONT	1,141	744	28	1,913	19	896	71	4,586	209	8,419	342	1,505	33,736	33,736	
VIRGINIA	10,126	46	36	10,210	2,400			2,400	31,557	392		9,936	46,033	46,033	
WASHINGTON	1,086	6,104	159	7,349		6,426	107	6,877	11,277	23,072	1,808		61,135	61,135	
WEST VIRGINIA 2/														20,248	20,248
WISCONSIN	6,353	10,934	100	6,356	2,156	4,229	1	2,157	18,278	4,233	611	1,359	56,453	56,453	
WYOMING	2,134	310	8	2,480	299	6,037	349	7,422	283	7,485	14	2,884	23,741	23,741	
TOTAL	208,806	211,929	5,425	436,164	4,180	187,866	18,918	294,424	168,677	1,215,597	413,475	160,124	2,130,460	2,130,460	
PERCENT/SYSTEM	47.8	48.5	1.3	100.0	23.8	63.7	6.5	100.0	7.9	57.0	19.5	7.5	100.0	100.0	

JURISDICTION - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-50
SHEET 3 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS				OTHER LOCAL CONTROL				OTHER PRINCIPAL ARTERIAL				TOTAL		
	UNDER STATE CONTROL	UNDER STATE CONTROL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/	UNDER FEDERAL CONTROL 2/	TOTAL	UNDER STATE CONTROL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS	OTHER ROADS 1/	UNDER FEDERAL CONTROL 2/	TOTAL	UNDER STATE CONTROL	COUNTY ROADS	TOWN AND TOWNSHIP ROADS		OTHER ROADS 1/	UNDER FEDERAL CONTROL 2/
ALABAMA	242	-	-	-	-	-	-	970	1	-	-	-	-	970	1	-	-	-	-
ALASKA	50	-	-	-	-	-	-	97	-	-	-	-	-	97	-	-	-	-	-
ARIZONA	127	26	-	-	3	-	29	128	41	-	-	-	103	128	41	-	-	-	-
ARKANSAS	123	103	-	-	-	-	103	578	2	-	-	-	103	578	2	-	-	-	-
CALIFORNIA	987	1,187	61	-	15	-	1,263	1,077	764	-	-	-	1,263	1,077	764	-	-	-	-
COLORADO	148	140	8	-	4	-	152	533	8	-	-	-	152	533	8	-	-	-	-
CONNECTICUT	233	191	-	-	-	-	191	629	-	-	-	-	191	629	-	-	-	-	-
DELAWARE	41	1	-	-	-	-	1	135	-	-	-	-	1	135	-	-	-	-	-
DIST. OF COL.	12	18	-	-	-	6	24	99	-	-	-	-	24	99	-	-	-	-	-
FLORIDA	414	251	6	-	-	-	251	1,906	-	-	-	-	251	1,906	-	-	-	-	-
GEORGIA	372	135	-	-	2	-	143	1,344	-	-	-	-	143	1,344	-	-	-	-	-
HAWAII	34	57	-	-	-	-	57	69	-	-	-	-	57	69	-	-	-	-	-
IDAHO	76	-	-	-	-	-	-	129	-	-	-	-	-	129	-	-	-	-	-
ILLINOIS	524	73	1	18	2	-	94	1,948	7	18	2	-	94	1,948	7	18	2	-	-
INDIANA	266	99	7	-	7	-	113	1,008	-	-	-	-	113	1,008	-	-	-	-	-
IOWA	137	-	-	-	-	-	-	656	-	-	-	-	-	656	-	-	-	-	-
KANSAS	159	75	-	-	14	-	89	324	-	-	-	-	89	324	-	-	-	-	-
KENTUCKY	184	87	-	-	-	-	87	479	-	-	-	-	87	479	-	-	-	-	-
LOUISIANA	187	25	-	-	1	-	26	884	-	-	-	-	26	884	-	-	-	-	-
MAINE	53	19	-	-	-	-	19	216	-	-	-	-	19	216	-	-	-	-	-
MARYLAND	224	168	-	-	6	24	198	601	-	-	-	-	198	601	-	-	-	-	-
MASSACHUSETTS	394	275	-	-	-	-	275	711	-	-	-	-	275	711	-	-	-	-	-
MICHIGAN	455	200	-	-	-	-	200	1,107	-	-	-	-	200	1,107	-	-	-	-	-
MINNESOTA	217	134	-	-	-	-	134	528	-	-	-	-	134	528	-	-	-	-	-
MISSISSIPPI	124	32	-	-	-	-	32	428	-	-	-	-	32	428	-	-	-	-	-
MISSOURI	356	246	-	-	11	-	257	645	-	-	-	-	257	645	-	-	-	-	-
MONTANA	47	-	-	-	-	-	-	101	-	-	-	-	-	101	-	-	-	-	-
NEBRASKA	37	9	-	-	1	-	10	272	-	-	-	-	10	272	-	-	-	-	-
NEVADA	46	36	-	-	-	-	36	116	-	-	-	-	36	116	-	-	-	-	-
NEW HAMPSHIRE	44	34	-	-	-	-	34	104	-	-	-	-	34	104	-	-	-	-	-
NEW JERSEY	272	270	-	-	1	-	271	878	-	-	-	-	271	878	-	-	-	-	-
NEW MEXICO	94	-	-	-	-	-	-	318	-	-	-	-	-	318	-	-	-	-	-
NEW YORK	645	524	41	-	77	-	742	1,369	185	-	-	-	742	1,369	185	-	-	-	-
NORTH CAROLINA	226	210	-	-	-	-	210	1,675	-	-	-	-	210	1,675	-	-	-	-	-
NORTH DAKOTA	40	-	-	-	-	-	-	148	-	-	-	-	-	148	-	-	-	-	-
OHIO	719	354	4	-	6	-	364	1,691	71	-	-	-	364	1,691	71	-	-	-	-
OKLAHOMA	207	184	-	-	3	-	187	426	-	-	-	-	187	426	-	-	-	-	-
OREGON	132	50	-	-	3	-	55	413	-	-	-	-	55	413	-	-	-	-	-
PENNSYLVANIA	414	360	-	-	1	-	362	2,578	17	-	-	-	362	2,578	17	-	-	-	-
RHODE ISLAND	49	60	-	-	-	-	64	251	-	-	-	-	64	251	-	-	-	-	-
SOUTH CAROLINA	117	34	-	-	-	-	34	683	-	-	-	-	34	683	-	-	-	-	-
SOUTH DAKOTA	46	2	-	-	1	-	3	126	-	-	-	-	3	126	-	-	-	-	-
TENNESSEE	281	795	6	-	6	-	807	2,897	16	-	-	-	807	2,897	16	-	-	-	-
TEXAS	950	13	-	-	-	-	13	225	7	-	-	-	13	225	7	-	-	-	-
UTAH	146	9	-	-	-	-	9	63	-	-	-	-	9	63	-	-	-	-	-
VERMONT	35	149	-	-	6	-	15	901	-	-	-	-	15	901	-	-	-	-	-
VIRGINIA	298	197	-	-	-	29	178	901	23	-	-	-	178	901	23	-	-	-	-
WASHINGTON	243	197	-	-	-	-	197	432	254	-	-	-	197	432	254	-	-	-	-
WEST VIRGINIA 3/	90	74	-	-	1	-	75	213	-	-	-	-	75	213	-	-	-	-	-
WISCONSIN	124	165	-	-	-	-	166	885	61	-	-	-	166	885	61	-	-	-	-
WYOMING	50	3	-	-	-	-	3	146	-	-	-	-	3	146	-	-	-	-	-
TOTAL	11,471	7,192	136	23	172	59	7,582	35,393	3,126	305	12,571	94	7,582	35,393	3,126	305	12,571	94	51,489
PERCENT/SYSTEM	100.0	94.8	1.8	0.3	2.3	0.8	0.0	68.7	6.1	0.6	24.4	0.2	0.0	68.7	6.1	0.6	24.4	0.2	100.0

TYPE OF SURFACE - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-51
SHEET 1 OF 4
SEPTEMBER 1990

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

STATE	MINOR ARTERIAL															
	INTERSTATE							OTHER PRINCIPAL ARTERIAL								
	PAVED 3/							PAVED 3/								
	HIGH TYPE		RIGID	TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	TOTAL	HIGH TYPE		RIGID	TOTAL	LOW TYPE 4/	INTER-MEDIATE TYPE	HIGH TYPE		RIGID
FLEXIBLE 2/	COMPOS-ITE	FLEXIBLE						COMPOS-ITE	FLEXIBLE					COMPOS-ITE	FLEXIBLE	
ALABAMA	460	23	157	640	16	1,948	28	1,992	-	1,992	71	44	3,779	66	-	3,889
ALASKA	1,039	-	-	1,039	53	556	-	1,039	-	1,039	144	831	792	-	-	902
ARIZONA	1,039	-	324	419	481	1,784	54	1,930	86	1,930	61	1,279	2,930	88	-	2,226
ARKANSAS	95	-	-	-	6	-	-	-	-	-	-	-	-	-	-	3,166
CALIFORNIA	514	61	841	1,416	19	2,323	216	2,938	380	2,938	-	416	5,926	223	31	6,596
COLORADO	495	20	276	791	-	1,866	17	1,903	10	1,903	-	-	1,947	-	5	1,952
CONNECTICUT	68	6	35	109	38	88	82	226	18	226	-	-	364	46	14	4,472
DELAWARE	-	-	-	-	-	2	107	153	44	153	-	5	11	151	15	182
DIST. OF COL.	718	-	264	982	-	2,526	-	2,501	-	2,501	-	-	3,351	-	45	3,495
FLORIDA	136	199	536	873	-	2,696	-	2,706	10	2,706	266	212	5,398	-	-	5,876
HAWAII	-	-	-	-	-	13	-	13	-	13	-	-	385	-	-	385
IDAHO	410	-	120	530	68	1,484	-	1,632	31	1,632	148	198	715	25	-	1,026
ILLINOIS	87	738	679	1,417	-	216	33	1,625	182	1,625	-	-	2,012	6,527	870	7,627
INDIANA	63	602	162	851	-	310	698	1,063	159	1,063	-	629	2,338	59	427	9,127
IONA	63	147	435	645	-	1,449	-	3,143	1,384	3,143	-	-	-	1,377	1,209	4,924
KANSAS	438	161	113	712	119	2,317	491	3,250	323	3,250	-	2,018	2,033	343	69	4,483
KENTUCKY	169	201	209	579	5	640	315	1,677	373	1,677	-	113	1,238	346	61	1,768
LOUISIANA	132	-	521	653	-	808	184	1,979	87	1,979	-	-	1,111	311	157	1,579
MAINE	301	-	12	313	185	520	-	736	1	736	221	229	625	13	-	1,088
MARYLAND	157	3	9	169	-	488	1	499	10	499	-	-	1,139	-	4	1,143
MASSACHUSETTS	166	1	4	170	-	244	-	244	4	244	3	200	561	-	5	769
MICHIGAN	149	93	523	765	746	1,115	1,222	2,382	279	2,382	-	2,562	10	1,031	279	3,862
MINNESOTA	95	93	584	688	928	1,026	307	3,360	499	3,360	93	675	4,077	18	461	5,324
MISSISSIPPI	213	81	266	560	-	710	710	1,579	159	1,579	-	809	3,293	7	30	4,139
MISSOURI	1,027	487	354	841	136	1,897	780	2,766	786	2,766	231	1,673	975	540	287	3,706
MONTANA	1,027	29	117	1,144	117	1,897	-	2,102	3	2,102	206	379	2,726	-	-	3,311
NEBRASKA	29	28	387	444	84	1,927	59	2,716	648	2,716	-	394	3,004	414	401	4,213
NEVADA	417	-	82	499	-	611	-	611	-	611	138	-	1,177	-	-	1,177
NEW HAMPSHIRE	161	5	33	181	10	263	22	319	7	319	9	69	463	4	-	564
NEW JERSEY	88	78	49	126	-	202	70	279	9	279	144	9	336	37	281	663
NEW MEXICO	779	-	-	906	-	1,193	-	1,217	-	1,217	-	670	1,332	-	-	2,146
NEW YORK	251	376	228	855	-	453	887	1,789	449	1,789	-	90	2,112	2,177	247	4,626
NORTH CAROLINA	221	11	368	620	-	1,993	-	2,069	93	2,069	3	-	2,022	23	3	2,051
NORTH DAKOTA	20	31	479	530	-	1,192	13	1,207	41	1,207	34	258	3,905	-	-	4,197
OHIO	69	677	101	847	-	1,829	632	1,672	215	1,672	-	-	2,043	1,127	139	3,309
OKLAHOMA	410	39	274	723	-	1,090	242	1,879	425	1,879	452	-	2,267	343	158	3,220
OREGON	401	19	175	595	75	2,177	796	2,271	15	2,271	-	183	2,361	-	41	2,566
PENNSYLVANIA	65	439	651	1,155	51	2,333	4	1,767	647	1,767	13	626	2,206	2,617	523	5,972
RHODE ISLAND	-	21	-	21	29	36	-	74	-	74	-	38	25	-	16	92
SOUTH CAROLINA	413	-	260	673	441	628	448	1,517	-	1,517	-	1,739	1,688	-	13	3,440
SOUTH DAKOTA	47	2	582	631	-	1,768	20	2,317	521	2,317	242	208	2,721	12	204	3,367
TENNESSEE	724	48	35	781	-	1,896	202	1,061	4	1,061	3	-	4,069	91	-	4,163
TEXAS	1,458	319	501	2,278	18	6,277	1,240	7,904	353	7,904	236	354	6,087	238	5	6,919
UTAH	694	-	84	778	-	682	-	682	-	682	-	-	1,863	-	-	1,863
VERMONT	286	-	-	286	-	287	-	287	2	287	16	13	3,389	-	-	748
VIRGINIA	575	-	130	711	-	1,527	-	1,509	74	1,509	5	38	2,510	110	-	3,542
WASHINGTON	389	-	130	519	-	1,722	-	1,736	74	1,736	-	-	-	-	67	2,577
WEST VIRGINIA 5/	-	112	317	429	-	393	8	518	107	518	-	-	1,663	-	54	1,717
WISCONSIN	12	146	356	516	-	1,568	828	3,271	91	3,271	40	528	3,390	616	541	5,075
WYOMING	743	1	120	864	-	1,020	-	1,023	-	1,023	-	42	2,012	-	-	2,094
TOTAL	16,242	5,252	11,884	33,378	426	54,579	12,838	80,951	9,472	80,951	2,817	17,638	101,211	19,036	6,625	147,327
PERCENT/SYSTEM	48.7	15.7	35.6	100.0	0.5	67.3	15.9	100.0	11.8	100.0	1.9	12.0	68.6	13.0	4.5	100.0

TYPE OF SURFACE - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-51
 SHEET 3 OF 4
 SEPTEMBER 1990

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

STATE	INTERSTATE							OTHER FREEWAYS AND EXPRESSWAYS							OTHER PRINCIPAL ARTERIAL						
	PAVED 3/							PAVED 3/							PAVED 3/						
	HIGH TYPE			TOTAL	LOW TYPE			TOTAL	HIGH TYPE			TOTAL	LOW TYPE			TOTAL	HIGH TYPE			TOTAL	
	FLEXIBLE 2/	COMPOS-ITE.	RIGID		INTER-MEDIATE TYPE	COMPOS-ITE	RIGID		INTER-MEDIATE TYPE	COMPOS-ITE	RIGID		INTER-MEDIATE TYPE	COMPOS-ITE	RIGID		INTER-MEDIATE TYPE	COMPOS-ITE	RIGID		
ALABAMA	117	8	117	242	-	-	-	16	907	-	86	10	-	1,019							
ALASKA	50	-	-	50	-	-	-	99	-	-	-	-	-	105							
ARIZONA	61	7	59	127	-	-	-	337	586	-	-	-	-	946							
ARKANSAS	11	6	106	123	-	-	-	1	571	-	30	19	-	634							
CALIFORNIA	112	140	735	987	-	-	-	317	5,149	385	385	83	-	5,934							
COLORADO	97	1	50	148	-	-	-	3	885	38	38	26	-	965							
CONNECTICUT	48	142	43	233	-	-	-	236	132	322	322	20	-	710							
DELAWARE	-	17	24	41	-	-	-	5	16	78	78	36	-	135							
DIST. OF COL.	3	9	-	12	-	-	-	-	2	-	88	9	-	99							
FLORIDA	259	38	117	414	-	-	-	3	1,757	102	102	82	-	1,941							
GEORGIA	117	92	163	372	-	-	-	-	1,437	-	-	15	-	1,457							
HAWAII	21	-	13	34	-	-	-	-	93	-	-	-	-	93							
IOWA	46	-	30	76	-	-	-	12	152	3	3	7	-	186							
ILLINOIS	2	327	195	524	-	-	-	178	76	1,333	1,333	596	-	2,009							
INDIANA	12	199	55	266	-	-	-	-	402	554	554	204	-	1,338							
IOWA	4	20	113	137	-	-	-	-	90	318	318	502	-	917							
KANSAS	36	36	87	159	-	-	-	57	230	111	111	174	-	572							
KENTUCKY	45	31	108	184	-	-	-	6	297	136	136	50	-	485							
LOUISIANA	34	-	153	187	-	-	-	33	464	271	271	260	-	998							
MAINE	53	-	-	53	-	-	-	-	178	3	3	-	-	217							
MARYLAND	133	24	67	224	-	-	-	11	799	30	30	48	-	888							
MASSACHUSETTS	381	9	4	394	-	-	-	340	1,494	5	5	1	-	1,845							
MICHIGAN	3	147	305	455	-	-	-	185	422	996	996	427	-	2,059							
MINNESOTA	11	59	147	217	-	-	-	133	168	156	156	124	-	581							
MISSISSIPPI	24	38	62	124	-	-	-	63	428	37	37	79	-	608							
MISSOURI	-	236	100	336	-	-	-	25	486	306	306	220	-	1,037							
MONTANA	21	47	31	97	-	-	-	7	155	-	-	9	-	171							
NEBRASKA	3	1	29	37	-	-	-	2	109	-	-	227	-	375							
NEVADA	8	-	38	46	-	-	-	12	160	-	-	-	-	172							
NEW HAMPSHIRE	44	7	44	94	-	-	-	1	155	20	20	5	-	186							
NEW JERSEY	152	10	113	272	-	-	-	155	1,099	118	118	120	-	1,338							
NEW MEXICO	65	10	19	94	-	-	-	155	259	4	4	16	-	454							
NEW YORK	33	299	313	645	-	-	-	1	344	1,855	1,855	197	-	2,397							
NORTH CAROLINA	102	4	120	226	-	-	-	3	1,691	13	13	41	-	1,729							
NORTH DAKOTA	2	8	30	40	-	-	-	6	95	4	4	31	-	1,155							
OHIO	22	535	162	719	-	-	-	12	1,054	913	913	171	-	2,150							
OKLAHOMA	110	8	89	207	-	-	-	-	393	105	105	170	-	783							
OREGON	43	5	84	132	-	-	-	3	512	24	24	19	-	558							
PENNSYLVANIA	35	176	203	414	-	-	-	344	894	1,278	1,278	299	-	2,815							
RHODE ISLAND	3	46	-	49	-	-	-	147	197	3	3	1	-	348							
SOUTH CAROLINA	64	-	53	117	-	-	-	103	411	171	171	105	-	687							
SOUTH DAKOTA	-	114	46	160	-	-	-	9	36	11	11	105	-	171							
TENNESSEE	300	228	422	950	-	-	-	76	2,449	403	403	535	-	3,318							
TEXAS	54	-	92	146	-	-	-	8	237	-	-	2	-	247							
UTAH	35	-	35	70	-	-	-	-	107	-	-	2	-	109							
VERMONT	103	43	152	298	-	-	-	4	784	159	159	59	-	1,006							
VIRGINIA	117	-	126	243	-	-	-	77	981	9	9	192	-	1,261							
WASHINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
WEST VIRGINIA 5/	-	38	52	90	-	-	-	-	175	-	-	39	-	214							
WISCONSIN	-	70	54	124	-	-	-	-	345	258	258	423	-	1,026							
WYOMING	14	-	36	50	-	-	-	3	145	-	-	13	-	161							
TOTAL	3,089	3,178	5,204	11,471	4	25	3,098	7,582	30,865	11,541	11,541	5,744	51,489								
PERCENT/SYSTEM	26.9	27.7	45.4	100.0	0.1	0.4	40.4	18.4	59.8	22.5	22.5	11.2	100.0								

TYPE OF SURFACE - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HH-51
SHEET 4 OF 4
SEPTEMBER 1990

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

STATE	MINOR ARTERIAL							COLLECTOR							TOTAL
	UNPAVED 5/	PAVED 3/					TOTAL	UNPAVED 5/	PAVED 3/					TOTAL	
		LOW TYPE	INTER- MEDIATE TYPE	FLEXIBLE	COMPOSITE	RIGID			FLEXIBLE	COMPOSITE	RIGID	INTER- MEDIATE TYPE	FLEXIBLE		
ALABAMA		59	631	881	28	12	1,611		218	766	727		5	1,716	1,716
ALASKA		1	81				82		1	117				118	185
ARIZONA	6	66	542	394	69	23	1,017	99	312	1,101	218		19	1,799	1,799
ARKANSAS	28	120	61	690		9	963	53	321	1,088	497		22	1,680	1,680
CALIFORNIA	13	18	1,046	6,870	282	80	8,275	9	142	1,794	5,460		216	7,714	7,723
CONNECTICUT	28	7	8	1,118		8	1,144	61	297	1,277	1,452		24	1,087	1,148
DELAWARE		82	29	10	62	29	132	4	9	1,075	1,452		16	1,913	1,917
DIST. OF COL.				5	131	16	152		127	232	4,340		144	4,709	155
FLORIDA	6	27	159	2,168	9	25	2,113	15	158	252	1,480		10	1,800	1,815
GEORGIA		73	147	1,117		27	1,117		17	282	1,175		16	1,800	1,815
IOWA				285	1,838	2	375	5	4	65	318		1	388	383
ILLINOIS	47	127	80	936	19	509	3,490	26	484	1,135	1,112		276	3,229	3,229
INDIANA	10	16	1,398	815	83	2,271	2,281	139	32	1,426	145		31	1,622	1,622
IOWA	51	19	7	127	496	1,237	1,237	135	43	1	142		380	812	1,047
KANSAS	10		275	418	132	583	983	38		309	281		35	741	779
KENTUCKY			175	583	184	60	1,012	1		279	535		18	907	908
LOUISIANA			39	671	87	307	1,104			151	761		142	1,137	1,137
MAINE		81	42	155	2	16	296	1	184	22	182		3	391	391
MARYLAND			8	939		8	955			104	1,056		3	1,173	1,173
MASSACHUSETTS			640	1,773			2,419			891	1,817			2,710	2,710
MICHIGAN	35	177	721	2,084	325	3,644	3,650	132	203	455	1,752		132	2,719	2,851
MINNESOTA	7		933	399	51	1,27	1,517	38		1,450	266		77	1,807	1,845
MISSISSIPPI		73	178	363	35	31	680	28	48	297	342		43	780	785
MISSOURI	1	42	509	621	162	1,223	1,273	86	202	746	1,171		40	1,480	1,480
MONTANA			27	281	1	203	527	9		28	188		174	224	228
NEBRASKA	10		27	281	16	203	527	9		28	188		174	396	405
NEVADA			34	305		1	340	1		91	340			431	432
NEW HAMPSHIRE		80	1	256	5	13	355		172	2	161		4	339	339
NEW JERSEY		20	148	2,598	8	187	2,865	3		277	1,015		15	1,302	1,302
NEW MEXICO	3		148	151	3	335	335			176	103		15	299	299
NEW YORK	2	137	188	1,429	2,205	328	4,150	9	24	1,495	1,432		246	3,945	3,945
NORTH CAROLINA	23	15	76	119	4	27	241	21	233	104	1,119		3	1,369	1,368
NORTH DAKOTA	1		4	2,061	551	172	2,788		8	16	3,672		300	207	228
OHIO														4,124	4,124
OKLAHOMA	51	1,018	58	89	95	184	1,810	33	841	79	79		249	1,171	1,204
PENNSYLVANIA	11	5	796	1,177	702	148	2,823	18		1,397	1,562		39	1,096	1,099
RHODE ISLAND		16	145	123		7	291		108	1381	1,10		10	3,167	3,185
SOUTH CAROLINA	3		574	312	3	4	890	6		994	157		2	1,153	1,159
SOUTH DAKOTA	21	117	52	29	21	21	521	11	55	49	1,716		17	1,783	1,783
TEXAS	7	211	738	3,712	274	661	5,538	45	666	1,484	3,958		665	6,840	6,885
UTAH	1		137	283		8	428	1		283	186		6	475	476
VERMONT	2	21		109		3	127		58	14	104		2	178	178
VIRGINIA	9	29	14	1,482	70	34	1,629	18	106	85	1,265		5	1,783	1,783
WASHINGTON		12	441	1,108	14	123	1,878			687	347		100	1,760	1,760
WEST VIRGINIA 5/	1	19	88	296		23	327		15	9	343		33	400	400
WISCONSIN	8	1	61	1,278	85	435	1,805	13	18	252	832		5	1,428	1,428
WYOMING				120	2	16	200		15	96	172		5	288	288
TOTAL	402	2,709	11,425	46,524	8,409	5,277	74,344	1,093	5,126	18,876	45,978		3,715	77,981	78,474
PERCENT/SYSTEM	0.5	3.7	15.3	62.1	11.3	7.1	99.5	1.4	6.5	24.1	58.4		4.7	98.6	100.0

AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 1/ INCLUDES A MINOR AMOUNT OF INTERMEDIATE TYPE PAVEMENT IN A FEW STATES.
 2/ PAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: 1) LOW TYPE SURFACE, BRICK OR STONE ROADWAY BASE; 2) BITUMINOUS SURFACE TYPE OR THICKNESS OF LESS THAN 7" (ROAD TYPES 0-1 AND FLEXIBLE BASE HAVING A COMBINED SURFACE AND BASE THICKNESS OF LESS THAN 7" (ROAD TYPES 0-1 AND H-1)); HIGH-TYPE FLEXIBLE, A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY ON A FLEXIBLE BASE WITH A COMBINED SURFACE AND BASE THICKNESS OF 7" OR MORE (ROAD TYPES 0-2, H-2 AND 1); ALSO INCLUDES BRICK, BLOCK, OR COMBINATION ROADWAYS (ROAD TYPES K, L AND M); HIGH-TYPE COMPOSITE; A MIXED BITUMINOUS OR BITUMINOUS PENETRATION ROADWAY OF SOME TYPE (ROAD TYPES 0-1 AND H-1); AND A RIGID BASE WITH A COMBINED TYPE RIGID, A PORTLAND CEMENT CONCRETE ROADWAY WITH OR WITHOUT A BITUMINOUS SURFACE OF LESS THAN 1" (ROAD TYPES J, J-3 AND J-4).
 3/ INCLUDES UNPAVED MILEAGE IN THE FORM OF UNPAVED MINOR ARTERIAL -- 71 MILES IN ALASKA AND 411.3 MILES IN CALIFORNIA AND 6.1 MILES IN IOWA.
 4/ 411.3 MILES IN CALIFORNIA AND 6.1 MILES IN IOWA.
 5/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).
 6/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL EARTH ALONE AND GRADED TO PERMIT PASSABILITY (ROAD TYPE B1); GRADED AND DRAINED ROADWAYS OF NATURAL EARTH ALONE AND GRADED TO PERMIT PASSABILITY (ROAD TYPE B1); GRADED AND DRAINED ROADWAYS WHICH HAVE INADEQUATE DRAINAGE (ROAD TYPE B2); UNPAVED, UNIMPROVED AND AGRICULTURAL ROADS WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAG, SHELL, ETC.; SURFACE MAY BE STABILIZED (ROAD TYPES D AND E1).
 7/ UNPAVED MILEAGE INCLUDES THE FOLLOWING CATEGORIES: UNIMPROVED ROADWAYS USING THE NATURAL EARTH ALONE AND GRADED TO PERMIT PASSABILITY (ROAD TYPE B1); GRADED AND DRAINED ROADWAYS WHICH HAVE INADEQUATE DRAINAGE (ROAD TYPE B2); UNPAVED, UNIMPROVED AND AGRICULTURAL ROADS WITH A SURFACE OF MIXED SOIL, GRAVEL, CRUSHED STONE, SLAG, SHELL, ETC.; SURFACE MAY BE STABILIZED (ROAD TYPES D AND E1).

LANE WIDTH - RURAL - 1989¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
 SHEET 1 OF 4
 SEPTEMBER 1990

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

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL								MINOR ARTERIAL								TOTAL
	LANE WIDTH IN FEET				LANE WIDTH IN FEET								LANE WIDTH IN FEET								
	< 12	12	> 12	TOTAL	< 9	9	10	11	12	> 12	TOTAL	< 9	9	10	11	12	> 12	TOTAL			
ALABAMA	189	640		829			71	235	1,681	5	1,992			871	450	2,528	40	3,889			
ALASKA		850		850				1	52		53			157		672	73	902			
ARIZONA		838	182	1,039			83		952	85	1,037				36	2,165	25	2,226			
ARKANSAS		419		419					1,173		1,930			1,227	1,002	832		3,166			
CALIFORNIA		1,416		1,416			20	139	2,779		2,938			95	1,056	4,325	136	6,596			
COLORADO		745	46	791			27	144	1,624	106	1,903			54	499	1,385	14	1,952			
CONNECTICUT		109		109				11	226		402			15	55	472		472			
DELAWARE								1	151	1	153				18	163		182			
DIST. OF COL.																					
FLORIDA		981	1	982			81	249	2,145	126	2,601			486	487	2,496	22	3,495			
GEORGIA		863	10	873			2	116	2,314	274	2,706			271	739	4,414	452	5,876			
HAWAII		5		5			1	7	5		13			53	69	216		365			
IOWA		530		530			29	80	1,519		1,633			67	118	841		1,026			
ILLINOIS		1,416	1	1,417				7	218		225			229	939	5,190	434	7,627			
INDIANA		851		851			12	41	933	37	1,083			352	685	1,865	220	3,127			
INDIANA		594	51	645		4	98	173	2,639	131	3,143			129	1,145	3,057	296	4,524			
KANSAS		712		712				19	3,036		3,250			14	209	4,240		4,463			
KENTUCKY		579		579			89	124	1,287	7	1,577			570	349	389	15	1,758			
LOUISIANA		653		653				74	1,005		1,079			62	427	1,090		1,579			
MAINE		313		313			32	163	1,510	31	1,736			299	416	3,345	14	1,088			
MARYLAND		169		169				17	473		499			84	281	761	6	1,143			
MASSACHUSETTS		170		170			1	6	195	4	499			15	177	398	142	769			
MICHIGAN		765		765			36	515	1,811	41	2,444			35	276	2,201		3,882			
MINNESOTA		688		688			177	278	2,726	179	3,360			141	529	4,486	168	5,324			
MISSISSIPPI		560		560				36	1,543		1,579			465	1,011	2,663		4,139			
MISSOURI		841		841				393	2,220		2,768			1,585	1,052	926	27	3,706			
MONTANA		1,144		1,144			26	115	1,961		2,102			31	293	2,504	14	3,311			
NEBRASKA		443	1	444			28	125	2,320	245	2,715			5	380	3,084	744	4,213			
NEVADA		499		499				1	510		611					1,177		1,177			
NEW HAMPSHIRE		181		181			6	6	302	4	315			27	57	1,177	12	1,664			
NEW JERSEY		126		126			9	2	285	3	279			321	47	256	29	663			
NEW MEXICO		906		906			93	56	1,037	31	1,217			301	77	1,699	89	2,146			
NEW YORK		794	61	855			3	231	1,266	82	1,789			91	986	1,515	174	4,626			
NORTH CAROLINA		620		620			86	373	1,587		2,069			263	443	360		2,051			
NORTH DAKOTA		530		530				41	1,140	26	1,207				91	4,106		4,197			
OHIO		847		847			62	229	1,375	3	1,672			584	662	1,784	35	3,309			
OKLAHOMA		720		720				44	1,788	32	1,879			14	702	2,452	52	3,220			
OREGON		591	4	595				187	2,072	12	2,271			298	541	1,703	23	2,565			
PENNSYLVANIA		1,154	1	1,155			159	525	1,055	46	1,787			757	2,257	1,401	31	5,972			
RHODE ISLAND		21		21			6	24	32	12	74			22	15	34	21	92			
SOUTH CAROLINA		673		673				130	1,365	22	1,517			161	922	3,303	27	3,440			
SOUTH DAKOTA		631		631				114	2,117		2,317			29	163	3,091		3,387			
TENNESSEE		781		781				95	2,121	1	1,051			86	787	1,638		4,163			
TEXAS		2,277	1	2,278			32	496	5,748	1,626	7,904			117	536	4,526	1,740	6,919			
UTAH		778		778					682		682				8	1,855		1,863			
VERMONT		286		286				42	216	20	286			7	84	1,748	60	2,064			
VIRGINIA		760		760				11	1,058		1,509			124	303	3,033	49	3,542			
WASHINGTON		519		519			3	685	1,035	1	1,796			395	1,399	785		2,577			
WEST VIRGINIA 2/ WISCONSIN								73	358	7	518			499	308	1,719		1,717			
WYOMING		428	1	429				450	2,791		3,271				1,701	3,143	22	5,075			
TOTAL	219	32,796	963	33,378	13	210	2,250	7,951	67,260	3,247	80,951	412	4,000	18,052	28,481	91,196	5,186	147,327			
PERCENT/SYSTEM	0.6	98.3	1.1	100.0	0.0	0.3	2.8	9.8	83.1	4.0	100.0	0.3	2.7	12.3	19.3	61.9	3.5	100.0			

LANE WIDTH - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 2 OF 4
SEPTEMBER 1990

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

STATE	MAJOR COLLECTOR										MINOR COLLECTOR									
	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	< 9	9	10		11	12
ALABAMA	-	3,664	5,576	1,473	841	11,556	2	241	4,014	2,358	266	86	6,992							
ALASKA	4	174	114	393	859	1,866	686	65	59	229	96	481	910							
ARIZONA	394	1,560	2,122	233	2,660	3,653	304	386	347	386	318	1,783	3,135							
ARKANSAS	-	-	6,365	2,390	1,107	12,416	-	1,878	1,858	2,231	-	268	6,566							
CALIFORNIA	58	297	974	2,403	8,268	12,916	916	821	616	1,690	1,521	4,805	9,887							
COLORADO	64	-	1,544	2,379	3,230	7,295	78	1,275	767	1,988	2,253	5,193	12,032							
CONNECTICUT	-	31	66	341	518	960	2	147	177	286	225	261	1,136							
DELAWARE	-	88	177	164	154	606	23	1	87	41	9	16	154							
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-							
FLORIDA	109	1,125	1,862	670	908	4,674	-	406	1,758	2,193	409	279	5,195							
GEORGIA	361	1,909	6,146	1,810	3,415	14,021	380	4	816	4,278	1,330	770	7,276							
HAWAII	88	119	110	97	101	458	3	20	40	39	7	5	113							
IDAHO	255	379	1,507	315	2,439	4,896	1	693	890	1,107	234	939	3,895							
ILLINOIS	528	1,689	4,495	2,314	3,057	14,275	295	743	737	1,365	489	137	3,580							
INDIANA	24	2,174	3,318	955	3,097	9,707	139	2,470	5,124	2,225	484	36	10,348							
IOWA	-	147	879	8,933	2,623	13,535	953	66	237	1,107	6,084	4,439	16,396							
KANSAS	-	393	3,111	8,773	8,921	22,680	1,482	367	1,607	2,713	2,717	1,841	9,322							
KENTUCKY	418	3,885	1,958	895	2,06	7,352	10	3,677	4,845	580	293	16	9,272							
LOUISIANA	-	94	3,386	1,892	2,281	7,352	-	53	632	3,106	250	45	4,305							
MAINE	29	874	1,461	609	289	3,278	16	319	739	1,108	30	45	2,255							
MARYLAND	102	245	688	465	393	1,906	13	271	483	660	240	229	1,893							
MASSACHUSETTS	112	170	423	605	418	2,007	279	188	484	494	268	319	1,961							
MICHIGAN	-	829	7,140	5,146	3,614	17,165	436	297	976	2,903	2,575	669	7,632							
MINNESOTA	-	135	774	4,369	11,223	16,636	135	156	169	608	2,547	7,398	11,870							
MISSISSIPPI	288	852	7,534	1,162	1,878	11,714	-	459	553	1,744	58	112	2,926							
MISSOURI	-	1,448	13,277	2,722	640	18,100	33	-	432	4,648	350	-	5,430							
MONTANA	76	242	502	752	5,058	6,668	38	665	970	3,009	1,925	2,816	9,385							
NEBRASKA	777	349	1,520	2,946	4,566	11,449	1,291	1,405	1,588	1,477	2,081	2,136	9,235							
NEVADA	-	3	134	29	2,167	2,330	16	991	123	178	136	1,022	2,450							
NEW HAMPSHIRE	-	92	355	321	448	1,235	-	130	274	417	241	226	1,241							
NEW JERSEY	-	9	504	124	786	1,770	7	7	60	367	302	449	1,241							
NEW MEXICO	-	60	743	192	2,747	4,465	3	3	211	815	199	269	2,460							
NEW YORK	-	290	2,189	2,459	1,169	6,297	56	708	2,300	4,967	1,867	927	10,784							
NORTH CAROLINA	143	1,525	4,812	1,927	2,393	10,460	-	539	4,718	2,342	1,411	54	9,056							
NORTH DAKOTA	-	316	946	1,476	6,083	11,107	286	838	752	2,050	2,195	1,571	7,432							
OHIO	561	3,682	4,800	1,756	1,188	11,700	13	1,899	3,211	1,749	386	133	7,188							
OKLAHOMA	994	2,789	4,034	5,166	8,365	21,414	66	317	1,117	696	602	357	3,089							
OREGON	136	912	3,637	2,074	2,574	9,646	80	2,014	874	1,976	946	1,601	7,312							
PENNSYLVANIA	1,171	2,029	2,085	1,914	8,001	13,933	201	3,385	3,377	1,131	393	163	6,402							
RHODE ISLAND	9	11	60	59	44	201	18	9	34	42	32	36	153							
SOUTH CAROLINA	46	518	2,349	3,318	1,519	8,531	181	-	515	2,986	436	66	4,005							
SOUTH DAKOTA	277	788	1,493	2,225	6,624	11,461	74	791	1,861	953	1,607	66	6,857							
TENNESSEE	118	1,512	1,719	1,819	2,289	5,457	-	1,916	6,082	2,438	210	153	10,799							
TEXAS	-	2,435	14,465	4,413	15,043	37,905	1,649	58	3,117	11,367	1,626	2,237	18,534							
UTAH	189	87	167	259	2,334	3,036	-	912	845	806	521	1,112	4,277							
VERMONT	-	211	588	784	306	1,913	24	279	398	966	21	-	4,277							
VIRGINIA	2,843	2,221	3,904	1,145	63	10,210	34	1,196	892	270	30	12	2,400							
WASHINGTON	85	372	2,354	1,797	2,268	7,349	463	240	770	2,638	1,739	960	6,677							
WEST VIRGINIA 2/	1,725	2,544	1,035	783	269	6,356	-	1,792	325	1,407	5	1	2,157							
WISCONSIN	-	-	3,747	7,848	2,041	19,878	-	87	274	268	4,388	268	6,454							
WYOMING	-	-	572	1,871	1,871	2,460	-	1,649	1,566	2,007	1,260	158	7,422							
TOTAL	12,052	45,290	131,858	99,680	135,467	436,184	11,637	36,477	63,792	66,499	47,760	50,717	294,424							
PERCENT/SYSTEM	2.8	10.4	30.2	22.9	31.0	100.0	2.7	12.4	21.7	29.4	16.2	17.2	100.0							

LANE WIDTH - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-53
SHEET 3 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						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	10-11		11-12	> 12	< 9		9	10	11		12	> 12	
ALABAMA	-	242	-	242	-	-	-	-	-	-	91	119	789	20	1,019				
ALASKA	-	49	1	50	-	-	-	-	-	-	5	8	87	3	105				
ARIZONA	-	117	10	127	-	-	29	-	-	-	43	121	739	36	946				
ARKANSAS	-	123	-	123	-	5	98	-	-	-	74	161	360	14	634				
CALIFORNIA	44	943	-	987	-	2	24	9	2	218	800	4,692	201	5,934					
COLORADO	-	143	5	148	-	7	140	5	-	137	175	675	68	965					
CONNECTICUT	-	233	-	233	-	1	186	1	-	17	189	597	3	710					
DELAWARE	-	39	2	41	-	-	1	-	-	11	22	74	28	135					
DIST. OF COL.	-	12	-	12	-	2	-	4	-	43	25	22	3	99					
FLORIDA	-	407	7	414	-	-	251	-	-	199	259	1,459	211	1,941					
GEORGIA	-	351	21	372	-	2	122	18	-	7	126	802	395	1,457					
HAWAII	2	32	-	34	-	2	47	3	-	24	26	33	5	93					
IDAHO	-	76	-	76	-	-	-	-	-	6	6	161	16	186					
ILLINOIS	-	524	-	524	-	-	93	-	-	199	259	1,339	198	2,009					
INDIANA	-	266	-	266	-	1	111	-	-	96	136	833	268	1,338					
IOWA	-	111	26	137	-	-	-	-	-	8	17	654	223	917					
KANSAS	-	159	-	159	-	3	84	-	-	17	57	475	-	572					
KENTUCKY	-	184	-	184	-	-	80	3	-	111	77	280	14	469					
LOUISIANA	-	187	-	187	-	1	20	-	-	104	133	755	1	998					
MAINE	-	53	-	53	-	-	16	-	-	14	22	111	70	217					
MARYLAND	-	217	7	224	-	2	1	8	-	81	171	534	86	888					
MASSACHUSETTS	-	392	2	394	-	6	8	15	-	141	275	666	915	1,845					
MICHIGAN	1	454	-	455	-	-	194	-	-	272	519	1,213	47	2,059					
MINNESOTA	-	217	-	217	-	-	134	-	-	6	27	537	11	581					
MISSISSIPPI	-	124	-	124	-	-	32	-	-	46	89	450	23	608					
MISSOURI	-	336	-	336	-	-	249	-	-	147	261	615	14	1,057					
MONTANA	-	47	-	47	-	-	-	-	-	2	-	166	3	171					
NEBRASKA	1	35	-	37	-	-	-	-	-	34	-	253	66	376					
NEVADA	-	46	-	46	-	-	36	-	-	-	2	163	-	172					
NEW HAMPSHIRE	-	49	1	50	-	-	34	-	-	5	3	146	34	186					
NEW JERSEY	2	267	3	272	-	-	265	-	-	207	100	728	302	1,336					
NEW MEXICO	-	34	-	34	-	-	-	-	-	49	26	345	34	454					
NEW YORK	-	604	41	645	-	33	58	6	-	375	250	1,461	287	2,397					
NORTH CAROLINA	-	226	-	226	-	-	2	-	-	75	283	1,358	-	1,729					
NORTH DAKOTA	-	40	-	40	-	-	207	-	-	1	2	150	2	155					
OHIO	-	719	-	719	-	-	338	5	-	355	338	1,149	236	2,150					
OKLAHOMA	-	205	2	207	-	-	167	19	-	91	98	355	199	793					
OREGON	-	132	-	132	-	-	54	1	-	28	59	438	30	558					
PENNSYLVANIA	-	414	-	414	-	-	361	3	-	508	717	1,288	244	2,815					
RHODE ISLAND	-	49	-	49	-	-	59	-	-	41	53	157	97	348					
SOUTH CAROLINA	5	112	-	117	-	-	34	-	-	38	61	535	52	687					
SOUTH DAKOTA	-	46	-	46	-	-	-	-	-	147	8	154	2	171					
TENNESSEE	-	281	-	281	-	-	-	-	-	141	291	802	16	1,316					
TEXAS	-	950	-	950	-	5	11	3	-	140	477	2,641	390	3,674					
UTAH	-	146	-	146	-	-	13	-	-	2	4	241	-	247					
VERMONT	-	35	-	35	-	-	11	3	-	9	13	65	17	109					
VIRGINIA	-	294	3	296	-	5	127	95	-	251	187	411	155	1,006					
WASHINGTON	1	242	-	243	-	-	191	1	-	102	369	712	33	1,261					
WEST VIRGINIA 2/ WISCONSIN	-	90	-	90	-	6	61	1	-	44	38	129	-	214					
WYOMING	-	124	3	124	-	-	166	-	-	53	153	811	-	1,026					
WYOMING	-	47	-	47	-	-	3	-	-	1	15	119	26	161					
TOTAL	57	11,279	195	11,471	-	7	71	151	-	4,850	7,253	34,007	5,087	51,489					
PERCENT/SYSTEM	0.5	98.3	1.2	100.0	-	0.1	0.9	2.0	-	9.0	14.1	66.0	9.9	100.0					

LANE WIDTH - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-53
 SHEET 4 OF 4
 SEPTEMBER 1990

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

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

TRAFFIC LANES AND ACCESS CONTROL - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HH-55
SHEET 2 OF 4
SEPTEMBER 1990

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

STATE	MAJOR COLLECTOR						MINOR COLLECTOR						TOTAL	OTHER 2/	TOTAL	
	2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES				2 LANES		DEGREE OF ACCESS CONTROL 3/							TOTAL
	2 LANES	OTHER 2/	DEGREE OF ACCESS CONTROL 3/		TOTAL	OTHER 2/	TOTAL	NONE	PARTIAL	FULL	TOTAL					
			NONE	PARTIAL								FULL				
ALABAMA	11,443		108		108	5	11,556								6,992	
ALASKA	1,866		24		24	154	1,886								910	
ARIZONA	3,485		7		7		3,683								3,135	2
ARKANSAS	12,402						12,418								6,401	165
CALIFORNIA	12,725		117		148	42	12,916								9,879	1
COLORADO	7,215				30	50	7,295								11,710	321
CONNECTICUT	960		5		5		960								1,135	1
DELAWARE	601						606								154	
DIST. OF COL.																
FLORIDA	4,698		36		36		4,674								4,972	177
GEORGIA	14,002					19	14,021								7,257	19
HAWAII	458						458								113	
IDAH0	4,532						4,896								3,507	
ILLINOIS	14,186		11		11	353	14,275								3,579	
INDIANA	9,023		53		80	10	9,707								10,348	1
IOWA	13,472				53	63	13,535								16,317	79
KANSAS	22,636		34		34	10	22,660								9,319	
KENTUCKY	7,327		10		25		7,352								9,271	1
LOUISIANA	7,008		319		319	26	7,353								4,305	
MAINE	3,278						3,278								2,255	
MARYLAND	1,871						1,906								1,893	
MASSACHUSETTS	1,969						2,007								1,951	
MICHIGAN	17,114		23		23	61	17,165								7,520	12
MINNESOTA	16,612					1	16,636								11,870	
MISSISSIPPI	11,696		4		14		11,714								2,925	
MISSOURI	18,065		3		3	13	18,100								5,430	1
MONTANA	6,668		7		22		6,688								9,014	
NEBRASKA	11,447						11,449								9,235	
NEVADA	2,316		14		14		2,330								2,445	
NEW HAMPSHIRE	1,232		3		3		1,235								1,224	
NEW JERSEY	1,691		2		2	77	1,770								1,241	
NEW MEXICO	4,355		105		105	25	4,485								2,446	
NEW YORK	6,288		3		3	6	6,297								10,794	
NORTH CAROLINA	10,248		3		3	229	10,480								9,057	1
NORTH DAKOTA	11,107						11,107								7,482	
OHIO	11,201		4		223	258	11,700								7,188	
OKLAHOMA	21,218		151		176	20	21,414								3,089	
OREGON	9,581		12		12	53	9,646								7,399	
PENNSYLVANIA	7,457					544	8,001								6,387	15
RHODE ISLAND	7,191		4		4	6	7,197								193	
SOUTH CAROLINA	8,322		92		92	117	8,531								4,005	
SOUTH DAKOTA	11,461						11,461								6,856	
TENNESSEE	37,426		11		11	20	37,457								10,759	
TEXAS	37,079		414		488	338	37,905								18,479	48
UTAH	2,973		29		29	34	3,036								4,258	19
VERMONT	1,910		3		3		1,913								986	
VIRGINIA	10,014		108		109	57	10,210								2,400	
WASHINGTON	7,236		60		60	53	7,349								6,677	
WEST VIRGINIA 4/	6,353					3	6,356								2,157	
WISCONSIN	13,624					27	13,678								6,454	
WYOMING	2,453						2,480								7,932	90
TOTAL	430,505		1,781		475	3,346	436,184								292,564	1,704
PERCENT/SYSTEM	98.7		0.4		0.1	0.8	100.0								99.4	0.6

TRAFFIC LANES AND ACCESS CONTROL - URBAN - 1989

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-55
SHEET 4 OF 4
SEPTEMBER 1990

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

STATE	MINOR ARTERIAL										COLLECTOR									
	2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES			TOTAL	OTHER 2/	DIVIDED HIGHWAYS - 4 OR MORE LANES			TOTAL	2 LANES		DIVIDED HIGHWAYS - 4 OR MORE LANES			TOTAL	OTHER 2/	TOTAL	
	1,000	100	NONE	PARTIAL	FULL			NONE	PARTIAL	FULL		NONE	PARTIAL	FULL						
ALABAMA	1,204	57	-	-	57	1,611	350	-	-	-	1,611	16	-	-	16	62	1,716			
ALASKA	73	1	-	-	1	82	8	-	-	-	90	-	-	-	-	2	155			
ARIZONA	585	190	26	-	216	1,017	216	-	-	-	1,017	43	9	-	52	87	1,739			
ARKANSAS	865	-	-	-	-	991	126	-	-	-	991	2	-	-	2	18	1,006			
CALIFORNIA	5,088	1,685	111	-	1,796	9,288	1,404	-	-	-	9,288	270	-	-	270	576	7,723			
COLORADO	764	103	27	-	133	1,144	61	-	-	-	1,144	21	-	-	21	93	1,148			
CONNECTICUT	871	15	1	-	16	948	61	-	-	-	1,859	-	-	-	-	58	1,917			
DELAWARE	91	12	-	-	12	132	29	-	-	-	184	-	-	-	-	5	171			
DIST. OF COL.	86	7	-	-	7	152	59	-	-	-	139	2	-	-	2	15	156			
FLORIDA	1,051	1,057	17	-	1,074	2,113	291	-	-	-	4,302	301	3	-	304	162	4,504			
GEORGIA	1,698	26	-	-	26	2,113	389	-	-	-	1,694	5	-	-	5	116	1,810			
HAWAII	80	25	-	-	25	117	32	-	-	-	173	-	-	-	-	18	191			
IOWA	317	18	6	-	24	375	34	-	-	-	386	2	-	-	2	3	393			
ILLINOIS	2,321	350	22	-	373	3,537	843	-	-	-	2,924	80	1	-	81	293	3,298			
INDIANA	1,974	38	-	-	38	2,281	269	-	-	-	1,897	6	1	-	7	49	1,953			
IOWA	1,913	25	-	-	25	1,288	350	-	-	-	865	2	-	-	2	160	1,047			
KANSAS	896	67	13	-	83	993	14	-	-	-	756	9	9	-	19	4	779			
KENTUCKY	845	61	20	-	81	1,012	86	-	-	-	866	7	-	-	7	15	908			
LOUISIANA	806	194	13	-	207	1,104	91	-	-	-	1,006	53	-	-	53	78	1,137			
MAINE	277	-	-	-	-	296	19	-	-	-	387	-	-	-	-	5	392			
MARYLAND	642	182	15	-	197	955	116	-	-	-	867	62	-	-	62	244	1,173			
MASSACHUSETTS	2,747	124	5	-	129	3,419	793	-	-	-	2,723	61	-	-	61	176	2,725			
MICHIGAN	2,747	175	53	-	228	3,860	236	-	-	-	2,614	49	2	-	51	127	2,861			
MINNESOTA	1,053	175	-	-	-	1,857	236	-	-	-	1,857	4	-	-	4	37	758			
MISSISSIPPI	559	2	4	-	6	681	76	-	-	-	715	4	2	-	6	56	1,480			
MISSOURI	1,216	26	34	-	60	1,823	347	-	-	-	1,424	2	-	-	2	1	1,480			
MONTANA	187	6	4	-	10	211	14	-	-	-	225	2	-	-	2	1	228			
NEBRASKA	455	33	-	-	33	537	49	-	-	-	391	6	-	-	6	8	405			
NEVADA	139	34	-	-	34	345	167	-	-	-	345	32	-	-	32	55	432			
NEW HAMPSHIRE	336	15	1	-	16	350	3	-	-	-	350	10	-	-	10	339	339			
NEW JERSEY	2,645	4	-	-	4	2,865	216	-	-	-	1,789	10	-	-	10	109	1,908			
NEW MEXICO	187	49	5	-	54	338	97	-	-	-	279	2	-	-	2	21	302			
NEW YORK	3,366	341	89	-	452	4,150	342	-	-	-	3,706	46	6	-	52	188	3,945			
NORTH CAROLINA	1,889	20	6	-	26	2,192	285	-	-	-	1,925	-	-	-	-	43	1,968			
NORTH DAKOTA	2,250	1	1	-	2	2,84	27	-	-	-	2,823	-	-	-	-	5	228			
OHIO	2,077	100	48	-	157	2,789	555	-	-	-	3,769	13	-	-	13	342	4,124			
OKLAHOMA	1,433	67	2	-	69	1,861	350	-	-	-	1,127	6	-	-	6	71	1,204			
OREGON	2,440	17	-	-	17	2,834	249	-	-	-	1,042	-	-	-	-	57	1,099			
PENNSYLVANIA	2,440	129	-	-	129	2,834	249	-	-	-	3,109	-	-	-	-	71	3,180			
RHODE ISLAND	241	5	-	-	5	291	45	-	-	-	497	-	-	-	-	2	499			
SOUTH CAROLINA	659	175	-	-	175	893	59	-	-	-	1,038	72	-	-	72	49	1,159			
SOUTH DAKOTA	233	-	-	-	-	242	9	-	-	-	161	-	-	-	-	1	162			
TENNESSEE	639	55	-	-	55	963	265	-	-	-	1,663	43	-	-	43	77	1,783			
TEXAS	3,765	650	19	-	698	5,603	1,140	-	-	-	6,215	109	2	-	111	559	6,885			
UTAH	273	97	18	-	115	429	40	-	-	-	377	63	-	-	63	36	476			
VERMONT	126	265	-	-	265	129	175	-	-	-	178	-	-	-	-	-	178			
VIRGINIA	1,172	40	-	-	40	1,629	415	-	-	-	1,303	50	2	-	52	48	1,403			
WASHINGTON	1,252	40	-	-	40	1,707	415	-	-	-	1,683	8	-	-	8	87	1,778			
WEST VIRGINIA 4/	304	9	1	-	10	328	14	-	-	-	385	9	-	-	9	6	400			
WISCONSIN	1,266	195	12	-	207	1,905	22	-	-	-	1,366	50	-	-	50	16	1,428			
WYOMING	178	3	-	-	3	208	24	-	-	-	318	-	-	-	-	1	319			
TOTAL	55,904	6,750	575	111	7,436	74,746	11,406	-	-	-	72,605	1,523	39	-	1,565	4,304	78,474			
PERCENT/SYSTEM	74.8	8.9	0.8	0.2	9.9	100.0	15.3	-	-	-	92.5	1.9	0.1	-	2.0	5.5	100.0			

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 THIS TABLE REFLECTS THE PREVAILING NUMBER OF LANES (EXCLUDING PARKING LANES) CARRYING THROUGH TRAFFIC DURING THE OFF-PEAK PERIOD.
 2/ INCLUDES 3 LANE ROADWAYS, ONE-WAY STREETS, UNDIVIDED 4 LANE HIGHWAYS, ETC.
 3/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS. PARTIAL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO POSSIBLE INTERCHANGES THERE MAY BE SOME CROSSINGS AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.
 4/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

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

TABLE HM-57
SHEET 1 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL						MINOR ARTERIAL							
	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME			TOTAL	AVERAGE DAILY TRAFFIC VOLUME					
	LESS THAN 6,000	6,000-19,999		1,000-1,999	2,000-2,999	3,000-9,999	10,000-14,999		15,000 AND OVER	1,000-1,999	2,000-2,999		3,000-9,999	10,000-14,999	15,000 AND OVER			
ALABAMA		50	366	224	640	158	323	1,161	239	1,992	433	990	1,086	28	25	3,889		
ALASKA	986	28	24	1	1,039	48	2	473	3	53	466	359	72	5	902			
ARIZONA	56	191	642	150	1,039	44	56	427	23	1,037	441	876	659	51	17	2,226		
ARKANSAS		22	333	64	419	59	237	954	96	1,930	522	843	603	26	5	3,166		
CALIFORNIA		233	459	724	1,416	209	146	1,511	375	2,938	1,687	949	2,082	263	266	6,596		
COLORADO	200	368	102	121	791	140	340	699	55	1,903	828	124	309	44	32	1,952		
CONNECTICUT			29	80	109		6	89	55	226	2	89	285	43	38	472		
DELAWARE								8	48	153		10	101	44	18	182		
DIST. OF COL.																		
FLORIDA	5	31	412	534	982		225	1,363	457	2,601	266	850	1,575	220	63	3,495		
GEORGIA	1	106	220	546	873	21	426	1,673	137	2,706	901	1,288	1,695	170	62	5,875		
HAWAII				5	5			1	7	13		19	163	53	56	385		
IDAHO	222	186	116	6	530	325	411	380	14	1,633	556	271	137	4	88	1,026		
ILLINOIS	16	300	957	144	1,417		59	1,417	17	225	350	2,067	2,355	137	88	7,627		
INDIANA	7	101	368	375	861	19	19	601	246	1,083	54	265	1,802	142	65	3,127		
IOWA	16	186	307	136	645	164	736	1,412	27	3,143	1,675	1,945	352	2	4,924			
KANSAS	80	414	213	5	712	291	895	1,093	53	3,250	2,107	1,695	274	5	4,463			
KENTUCKY		71	179	329	579	5	74	1,147	139	1,577	1,176	416	1,758	46	37	1,579		
LOUISIANA			384	289	563	47	136	672	91	1,079	24	304	523	44	21	1,879		
MAINE	78	57	107	71	313		106	450	66	736	115	195	454	44	10,088			
MARYLAND			1	168	169		4	87	122	499		62	195	106	114	1,143		
MASSACHUSETTS			25	145	170		20	91	32	499		72	99	196	40	769		
MICHIGAN	51	159	261	294	765	32	268	1,329	217	2,362	215	868	1,637	112	103	3,882		
MINNESOTA	110	318	197	63	688	182	754	1,596	147	3,360	2,210	1,605	544	28	9	5,324		
MISSISSIPPI			272	69	560		365	917	131	1,579	880	1,555	798	12	10	4,139		
MISSOURI	15	108	434	294	841	40	256	1,712	295	2,768	973	1,111	422	58	5	3,706		
MONTANA	908	221	15		1,144	565	306	1,343	12	2,574	2,047	572	129	4	5	3,311		
NEBRASKA	104	7	295	38	444	465	1,283	360	19	2,718	2,074	1,462	675	2	4	4,213		
NEVADA	224	180	55	40	499		324	139	36	611	657	366	29	1	1	1,177		
NEW HAMPSHIRE	20	28	77	56	181		13	201	44	319	12	52	412	93	18	664		
NEW JERSEY			15	111	126		8	42	58	279		43	379	163	78	663		
NEW MEXICO	267	230	357	52	906	91	504	326	26	1,217	974	605	230	39	16	2,146		
NEW YORK	19	240	282	314	855		205	209	148	1,789	206	852	1,991	250	8	4,626		
NORTH CAROLINA	398	132	173	432	620	3	63	1,330	293	2,059	229	289	1,049	103	53	6,265		
NORTH DAKOTA					530	398	561	204	20	1,207	3,755	387	36			4,197		
OHIO	2		198	647	847	9	52	1,081	233	1,672	84	370	1,964	91	59	3,309		
OKLAHOMA	32	83	557	51	723	159	279	922	117	1,879	289	1,295	649	11	24	3,220		
OREGON	91	180	178	146	595	156	252	1,447	115	2,271	1,050	299	627	26	4	5,565		
PENNSYLVANIA		50	763	320	1,155		40	795	381	1,787	452	1,124	2,817	259	38	5,972		
RHODE ISLAND				21	21	1	3	37	10	74	5	1,124	2,817	259	38	5,972		
SOUTH CAROLINA				383	673	6	149	775	114	1,517	433	857	1,279	189	27	3,440		
SOUTH DAKOTA			34		631	851	871	374	3	2,317	2,825	465	69			3,387		
TENNESSEE	13	2	252	474	781	16	87	1,24	66	1,051	362	784	842	150	48	4,183		
TEXAS	445	579	817	437	2,278	442	1,321	3,986	345	7,904	1,432	2,259	1,304	62	17	6,919		
UTAH			56	47	778	11	165	284	21	682	1,208	466	148		4	1,863		
VERMONT	102	66	116	2	286		19	238	31	140	82	140	213	9	1	748		
VIRGINIA	7	53	249	462	771		3	1,018	420	1,509	204	706	972	148	119	3,542		
WASHINGTON	34	141	185	159	519	139	254	951	106	1,796	1,050	659	339	55	20	2,577		
WEST VIRGINIA 2/				90	429		45	384	60	518	132	625	297	24	24	1,717		
WISCONSIN	36	69	234	180	516		238	800	135	3,271	971	1,533	1,185	29	49	5,075		
WYOMING	500	348	16		864	140	608	149	1	1,023	1,169	714	112			2,034		
TOTAL	5,863	6,262	11,984	9,269	33,378	4,895	13,634	38,289	6,165	80,951	37,101	37,664	26,308	3,553	1,689	147,327		
PERCENT/SYSTEM	17.6	18.8	35.8	27.8	100.0	6.0	16.8	16.1	7.6	6.2	25.2	25.6	17.9	2.4	1.1	100.0		

AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

 TABLE HM-57
 SHEET 2 OF 4
 SEPTEMBER 1990

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

STATE	MAJOR COLLECTOR								MINOR COLLECTOR								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	TOTAL	LESS THAN 100	100-499	500-999	1,000-4,999	5,000-9,999	10,000 AND OVER				
ALABAMA	257	3,699	3,948	3,432	185	35	11,556	369	4,432	1,914	268	9	6,992				
ALASKA	464	745	289	322	36	36	1,856	386	250	183	88	3	910				
ARIZONA	300	697	671	1,528	365	112	3,683	1,583	1,118	277	157	-	3,135				
ARKANSAS	808	4,422	3,667	3,413	88	18	12,416	3,182	2,999	278	-	-	6,566				
CALIFORNIA	192	2,780	2,992	5,471	1,016	465	12,916	828	3,863	2,103	3,001	89	9,887				
COLORADO	136	2,384	3,190	1,465	105	15	7,295	5,550	4,172	1,962	334	13	12,032				
CONNECTICUT	-	-	17	688	188	67	960	7	390	324	456	18	1,136				
DELAWARE	-	-	67	483	65	9	606	8	24	54	65	3	154				
DIST. OF COL.	-	876	1,294	-	323	77	4,674	85	2,852	1,087	1,106	-	5,195				
FLORIDA	311	4,130	3,525	5,669	302	84	14,021	1,484	3,321	1,799	648	24	7,276				
GEORGIA	-	-	75	234	57	33	458	-	21	18	53	6	113				
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-				
IDAHO	899	2,149	1,018	765	60	5	4,896	2,635	978	221	60	1	3,895				
ILLINOIS	278	5,210	2,855	5,682	240	29	14,275	1,435	2,452	455	233	5	3,580				
INDIANA	223	1,606	2,370	4,225	363	1,010	19,707	1,560	6,877	350	1,845	16	10,348				
IOWA	1,082	7,005	3,662	1,777	9	-	13,535	10,510	5,069	732	1,845	1	16,398				
KANSAS	8,791	10,394	2,280	1,231	36	8	22,680	7,859	1,295	1,112	56	-	9,322				
KENTUCKY	-	519	2,824	4,755	31	33	11,952	2,203	6,559	1,717	1,065	3	9,272				
KENTUCKY	-	519	2,824	4,755	31	33	11,952	2,203	6,559	1,717	1,065	3	9,272				
LOUISIANA	-	208	907	2,059	112	14	3,278	226	761	837	625	6	2,255				
MAINE	-	60	173	1,332	262	79	1,906	7	668	598	581	36	1,893				
MARYLAND	53	258	339	1,213	123	21	2,007	226	1,094	270	356	6	1,965				
MASSACHUSETTS	821	3,430	3,144	9,110	627	133	17,185	401	1,110	1,664	1,324	10	7,532				
MICHIGAN	1,593	7,215	4,588	3,221	73	6	16,636	3,887	7,102	1,782	1,324	6	11,870				
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-				
MISSISSIPPI	737	6,186	2,415	2,157	190	29	11,714	604	1,778	402	135	7	2,926				
MISSOURI	588	10,047	3,168	4,056	190	51	18,100	948	4,319	125	38	-	6,530				
MONTANA	2,220	3,286	345	734	12	2	6,688	6,589	2,672	124	-	-	9,585				
NEBRASKA	3,435	6,253	1,267	485	5	4	11,449	6,953	2,215	42	-	-	9,235				
NEVADA	166	1,476	35	608	31	14	2,330	1,484	593	321	50	2	2,450				
NEW HAMPSHIRE	-	35	145	893	138	24	1,235	-	416	407	384	19	1,225				
NEW JERSEY	19	7	123	1,052	473	96	1,770	3	91	121	930	6	1,241				
NEW MEXICO	727	1,813	909	1,052	65	18	4,485	1,174	940	188	144	14	2,460				
NEW YORK	-	227	1,706	3,771	599	54	6,297	198	3,206	2,117	5,052	219	10,794				
NORTH CAROLINA	-	590	1,239	7,206	1,193	252	10,480	17	2,152	3,712	3,020	144	9,068				
NORTH DAKOTA	9,912	6,538	642	15	-	-	11,107	6,135	1,957	-	-	-	7,492				
OHIO	-	1,575	2,352	6,987	697	89	11,700	4,487	3,221	1,799	1,604	77	7,188				
OKLAHOMA	5,109	7,782	3,347	4,937	195	44	21,414	2,057	964	32	35	1	3,089				
OREGON	1,428	3,545	2,212	2,212	109	27	9,646	3,838	2,230	989	255	-	7,312				
PENNSYLVANIA	-	966	1,522	4,492	489	104	8,001	430	2,865	2,906	2,128	9	8,402				
RHODE ISLAND	-	25	38	126	12	-	201	-	38	54	61	-	153				
SOUTH CAROLINA	46	1,666	2,796	3,576	388	59	8,531	393	2,625	670	309	8	4,005				
SOUTH DAKOTA	5,290	5,492	510	1,137	5	6	11,461	5,836	1,003	11	7	-	6,857				
TENNESSEE	1,261	1,772	800	2,615	210	20	5,457	3,971	6,880	1,676	1,391	54	10,799				
TEXAS	-	14,106	10,203	11,293	786	256	37,905	3,971	11,572	2,081	881	4	18,534				
UTAH	380	1,506	691	399	54	6	3,036	2,699	1,272	156	150	-	4,277				
VERMONT	233	1,118	458	1,118	65	6	1,913	62	676	232	16	-	986				
VIRGINIA	33	3,451	2,073	4,081	491	114	10,210	1,522	2,522	540	7	1	2,400				
WASHINGTON	1,408	2,310	693	2,257	534	147	7,349	2,131	2,763	809	176	-	6,677				
WEST VIRGINIA 2/	331	1,362	1,026	3,330	263	24	6,356	278	1,255	459	165	-	2,157				
WISCONSIN	-	4,855	5,584	3,110	103	16	13,678	1,064	3,598	1,414	278	-	6,454				
WYOMING	190	1,645	346	292	7	-	2,480	3,604	3,753	-	65	-	7,422				
TOTAL	43,437	147,765	91,281	136,965	12,838	3,898	436,184	92,999	128,000	40,250	31,805	1,293	294,424				
PERCENT/SYSTEM	10.0	33.9	20.9	31.4	2.9	0.9	100.0	31.6	43.5	13.7	10.8	0.4	100.0				

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

TABLE HM-57
SHEET 3 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE								OTHER FREEWAYS AND EXPRESSWAYS								OTHER PRINCIPAL ARTERIAL							
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME				TOTAL				
	LESS THAN 15,000	15,000-34,999	35,000-59,999	60,000-99,999		100,000 AND OVER	LESS THAN 15,000	15,000-34,999	35,000-59,999		60,000-99,999	100,000 AND OVER	LESS THAN 1,000	1,000-2,999		3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER					
ALABAMA	26	114	69	24	242	-	-	-	-	-	-	98	108	266	339	268	1,019							
ALASKA	9	30	11	-	50	-	-	-	-	-	-	5	2	15	53	30	105							
ARIZONA	27	38	19	18	127	60	34	8	1	8	6	97	14	110	253	472	946							
ARKANSAS	15	64	26	18	123	-	-	-	-	-	-	6	47	231	208	63	634							
CALIFORNIA	14	42	96	175	987	92	232	372	186	381	55	119	215	566	1,431	3,528	5,934							
COLORADO	16	38	29	37	148	39	55	45	5	4	10	62	60	244	326	263	965							
CONNECTICUT	2	22	54	93	233	22	89	74	6	-	-	2	16	156	398	138	710							
DELAWARE	-	10	10	16	41	-	-	-	-	-	-	-	1	7	49	78	135							
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
FLORIDA	8	103	130	76	414	37	99	70	3	3	-	-	-	-	17	82	99							
GEORGIA	8	107	93	67	372	49	59	21	6	36	1	58	118	368	512	1,272	1,941							
HAWAII	4	-	-	9	34	1	26	24	3	3	-	-	-	11	27	54	1,457							
IDAHO	29	36	11	-	76	-	-	-	-	-	2	4	19	56	79	26	186							
ILLINOIS	61	171	76	85	524	40	36	5	7	6	1	41	86	404	718	769	2,009							
INDIANA	8	118	61	68	266	42	52	19	-	-	3	51	90	345	561	298	1,338							
IOWA	25	81	24	17	137	-	-	-	-	-	18	123	119	344	256	57	1,917							
KANSAS	45	60	34	17	159	46	28	15	-	-	3	37	52	176	218	86	572							
KENTUCKY	1	72	58	46	184	60	13	14	-	-	6	96	113	221	138	489	889							
LOUISIANA	21	71	52	28	187	6	14	4	2	-	-	-	14	291	299	199	998							
MAINE	18	26	12	-	53	8	11	-	-	-	19	-	-	54	114	35	217							
MARYLAND	1	19	35	64	224	12	82	77	23	2	12	25	24	107	221	499	889							
MASSACHUSETTS	3	56	134	124	394	19	98	79	75	4	4	279	51	279	1,235	214	1,845							
MICHIGAN	13	114	131	101	465	34	67	61	11	27	3	21	85	232	962	757	2,069							
MINNESOTA	19	40	79	51	217	7	47	64	16	-	1	36	82	163	192	107	581							
MISSISSIPPI	14	84	9	7	124	32	111	-	-	-	-	19	76	203	340	70	608							
MISSOURI	27	62	71	92	336	106	-	31	9	-	-	48	180	57	380	364	1,097							
MONTANA	47	-	-	47	47	-	-	-	-	-	-	15	18	171	96	19	171							
NEBRASKA	5	15	5	3	37	5	4	1	-	-	-	20	40	110	124	81	376							
NEVADA	7	16	5	12	46	20	3	8	4	1	-	-	4	23	49	86	172							
NEW HAMPSHIRE	-	19	20	5	44	-	20	7	7	-	-	8	2	32	113	36	166							
NEW JERSEY	4	30	60	97	272	24	56	94	75	22	3	19	40	163	531	630	1,336							
NEW MEXICO	46	21	9	9	94	-	-	-	-	-	-	-	-	-	154	145	454							
NEW YORK	34	221	159	126	845	136	249	136	109	112	7	15	142	401	941	898	2,397							
NORTH CAROLINA	31	64	94	35	226	46	99	52	13	-	-	39	119	482	740	342	1,729							
NORTH DAKOTA	11	194	251	182	719	126	182	-	32	24	-	28	19	45	114	14	1,155							
OHIO	11	194	251	182	719	126	182	-	32	24	-	56	229	498	954	415	2,150							
OKLAHOMA	33	66	45	59	207	82	44	47	14	-	-	46	79	225	300	116	783							
OREGON	23	23	38	34	132	3	25	13	12	-	-	21	40	118	224	155	598							
PENNSYLVANIA	23	166	123	78	414	89	194	81	16	-	6	68	163	612	1,168	735	2,918							
RHODE ISLAND	-	15	12	12	49	15	44	5	-	-	5	15	25	79	141	83	348							
SOUTH CAROLINA	6	41	34	34	117	9	12	13	-	-	-	15	28	144	245	254	697							
SOUTH DAKOTA	28	18	-	92	46	-	1	-	-	-	1	22	27	57	47	17	151							
TENNESSEE	106	212	216	237	881	137	293	183	104	90	26	159	355	259	499	490	1,318							
TEXAS	17	33	60	24	146	7	2	4	-	-	-	12	7	50	83	91	247							
UTAH	14	19	62	-	36	11	4	-	-	-	-	-	10	44	43	12	109							
VERMONT	7	77	54	86	298	64	41	39	11	3	-	12	27	193	288	466	1,006							
VIRGINIA	9	48	54	43	243	36	91	46	19	6	102	90	283	464	298	1,261	1,261							
WASHINGTON	9	48	54	43	243	36	91	46	19	6	102	90	283	464	298	1,261	1,261							
WEST VIRGINIA 2/	6	64	14	6	90	25	46	37	7	-	3	7	55	112	36	214	214							
WISCONSIN	8	50	18	23	124	45	71	-	-	-	1	13	100	363	400	150	1,026							
WYOMING	48	2	-	-	50	3	-	-	-	-	1	18	22	71	45	4	161							
TOTAL	925	3,118	2,700	2,427	11,471	1,617	2,653	1,801	786	725	220	1,669	3,181	10,563	19,144	16,712	51,489							
PERCENT/SYSTEM	8.1	27.1	23.5	21.2	100.0	21.3	34.9	23.8	0.4	9.6	0.4	3.2	6.2	20.5	37.2	32.5	100.0							

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

TABLE HM-57
SHEET 4 OF 4
SEPTEMBER 1990

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

STATE	MINOR ARTERIAL										COLLECTOR						TOTAL	
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					20,000 AND OVER	AVERAGE DAILY TRAFFIC VOLUME					20,000 AND OVER
	LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999		LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999		20,000 AND OVER	1,000- 2,999	3,000- 4,999	5,000- 9,999		
ALABAMA	59	615	269	379	229	1,611	254	896	280	232	43	11	1,716					
ALASKA	26	13	23	23	16	82	46	78	8	19	4	156						
ARIZONA	97	126	186	230	237	1,017	787	564	176	139	67	16	1,799					
ARKANSAS	164	299	217	207	99	1,991	503	309	141	49	4	1,006						
CALIFORNIA	320	967	957	2,243	2,716	8,288	1,035	2,904	1,582	1,662	474	66	7,723					
COLORADO	119	317	231	305	159	1,144	271	566	160	17	3	1,148						
CONNECTICUT	17	133	92	274	26	948	297	730	466	73	8	1,917						
DELAWARE	2	14	8	36	64	132	22	53	22	18	8	171						
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-					
FLORIDA	4	130	131	537	97	152	385	1,345	1,092	72	1	156						
GEORGIA	110	453	263	622	508	2,416	317	649	278	584	97	4,771						
HAWAII	-	-	-	25	54	2,113	2	31	39	104	15	1,816						
ILLINOIS	39	90	80	104	60	375	97	203	55	5	-	393						
INDIANA	67	470	441	899	524	3,537	527	942	476	632	76	3,298						
IOWA	119	721	436	537	60	2,281	729	769	232	41	10	1,953						
KANSAS	242	427	251	294	72	1,288	450	419	121	5	-	1,047						
KENTUCKY	59	277	185	237	220	993	240	344	106	79	-	779						
LOUISIANA	9	112	161	360	70	1,012	106	369	131	57	-	908						
MAINE	31	217	201	332	218	1,104	262	265	329	32	6	1,137						
MARYLAND	34	130	105	273	304	955	232	369	184	280	81	1,723						
MASSACHUSETTS	11	200	517	1,661	27	2,419	101	1,584	1,013	23	-	2,725						
MICHIGAN	137	1,169	603	845	897	3,680	514	1,047	646	155	33	2,651						
MINNESOTA	84	324	194	373	412	1,517	523	557	283	109	22	1,846						
MISSISSIPPI	41	234	148	198	57	681	210	297	147	91	13	768						
MISSOURI	66	337	278	502	369	1,623	61	390	189	239	48	1,488						
MONTANA	34	69	36	51	22	211	45	122	45	16	-	328						
NEBRASKA	27	140	91	160	107	537	74	191	85	17	-	405						
NEVADA	18	34	42	97	93	340	210	70	15	40	-	432						
NEW HAMPSHIRE	28	56	73	115	85	355	87	151	52	33	-	336						
NEW JERSEY	76	214	441	909	1,160	2,865	121	645	356	165	-	1,908						
NEW MEXICO	24	66	41	92	82	338	58	87	53	28	4	302						
NEW YORK	168	548	548	1,386	545	4,150	539	1,516	783	835	16	3,945						
NORTH CAROLINA	23	488	571	53	355	2,132	599	968	230	130	19	1,568						
NORTH DAKOTA	57	76	49	63	19	264	388	1,467	939	305	27	4,124						
OHIO	22	478	645	988	598	2,789	388	1,467	939	305	27	4,124						
OKLAHOMA	344	509	235	437	270	1,861	455	404	223	96	20	1,204						
OREGON	41	194	156	253	246	1,061	208	425	225	181	6	1,499						
PENNSYLVANIA	78	477	525	1,016	666	2,834	334	1,112	705	667	11	3,185						
RHODE ISLAND	9	42	43	65	101	291	188	181	50	45	9	3,499						
SOUTH CAROLINA	22	193	123	256	237	893	295	453	190	169	51	1,159						
SOUTH DAKOTA	61	78	35	56	307	242	282	57	33	9	-	1,162						
TENNESSEE	11	86	88	329	111	705	34	268	310	107	11	1,783						
TEXAS	526	1,160	853	1,548	1,212	5,603	2,080	2,307	1,212	968	76	6,885						
UTAH	17	67	50	83	134	428	68	142	77	71	8	476						
VERMONT	6	30	28	38	26	128	35	91	24	110	4	178						
VIRGINIA	19	134	200	539	531	1,629	159	471	359	86	5	1,403						
WASHINGTON	115	332	281	537	350	1,707	425	673	274	334	16	1,778						
WEST VIRGINIA 2/	14	65	46	120	72	328	91	166	53	67	4	400						
WISCONSIN	7	52	366	572	380	1,905	419	633	236	128	12	1,428						
WYOMING	28	81	39	50	8	208	122	131	39	26	-	319						
TOTAL	3,541	13,008	11,690	22,515	18,430	74,746	16,049	28,788	14,933	13,704	4,402	598	78,474					
PERCENT/SYSTEM	4.7	17.4	15.6	30.2	24.7	100.0	20.5	36.6	19.0	17.5	5.6	0.8	100.0					

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

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

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - RURAL - 1989

MILEAGE BY FUNCTIONAL SYSTEM

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

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE					OTHER PRINCIPAL ARTERIAL					MINOR ARTERIAL					TOTAL	
	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME		TOTAL	AVERAGE DAILY TRAFFIC VOLUME		TOTAL		
	6,000-9,999	10,000-19,999		20,000 AND OVER	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
UNDIVIDED:																	
LESS THAN 9 FEET																	
9 FEET	64	-	-	3	4												
10 FEET	42	-	-	43	93												
11 FEET	83	-	-	127	361												
12 FEET	892	24	51	384	1,421												
GREATER THAN 12 FEET	-	-	-	3,772	10,890												
				484	563												
TOTAL UNDIVIDED	1,081	24	51	4,823	13,332	12,191	29,501	2,161	753	62,761	37,099	26,044	38,285	2,567	905	142,479	
DIVIDED:																	
NO ACCESS CONTROL:																	
LESS THAN 9 FEET																	
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	1	-	4	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	156	20	91	137	56	196	342	1	239	69	27	133	
12 FEET	-	-	-	-	157	241	3,946	1,796	1,784	7,923	69	173	1,881	532	473	3,128	
GREATER THAN 12 FEET	-	-	-	-	-	2	53	42	14	111	1	6	21	24	36	88	
SUBTOTAL	-	-	-	-	157	263	4,150	2,058	1,948	8,576	-	71	188	2,226	646	3,747	
PARTIAL ACCESS CONTROL: 2/																	
LESS THAN 9 FEET																	
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	5	14	15	20	-	-	-	-	-	-	-
12 FEET	-	-	-	-	121	372	2,255	1,022	917	4,879	2	14	353	304	22	818	
GREATER THAN 12 FEET	-	11	8	12	121	1	48	4	10	63	-	-	13	-	4	17	
SUBTOTAL	-	11	8	12	121	376	2,309	1,040	961	4,819	2	14	366	304	97	859	
FULL ACCESS CONTROL: 2/																	
LESS THAN 9 FEET																	
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREATER THAN 12 FEET	4,734	6,108	11,788	9,142	31,772	192	2,327	874	1,344	4,761	-	-	135	36	69	240	
SUBTOTAL	4,782	6,227	11,925	9,231	32,165	192	2,329	906	1,344	4,795	-	-	135	36	71	242	
TOTAL DIVIDED	4,782	6,238	11,933	9,240	32,193	831	6,788	4,004	4,253	18,190	2	85	2,727	986	784	4,848	
TOTAL	5,863	6,262	11,984	9,269	33,378	4,835	13,634	6,165	5,006	80,951	37,101	37,684	26,308	41,012	3,553	1,689	147,327

TABLE HM-59
 SHEET 1 OF 4
 SEPTEMBER 1990

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

MILEAGE BY FUNCTIONAL SYSTEM

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

TABLE HM-59
 SHEET 2 OF 4
 SEPTEMBER, 1990

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MAJOR COLLECTOR						MINOR COLLECTOR						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	
UNDIVIDED:													
LESS THAN 9 FEET	3,513	5,909	2,042	590	-	-	12,054	16,177	3,252	1,763	1	-	36,486
9 FEET	3,998	16,639	9,894	14,319	435	2	45,287	32,558	9,870	6,225	45	7	63,788
10 FEET	9,197	51,200	30,329	38,764	1,844	340	131,674	99,098	13,447	10,903	423	8	86,386
11 FEET	11,472	29,596	23,268	32,881	7,069	395	99,771	19,293	7,180	6,033	409	17	47,757
12 FEET	13,195	40,596	24,286	45,224	2,089	2,512	133,302	17,813	5,807	6,254	336	39	50,612
GREATER THAN 12 FEET	2,062	3,620	1,308	3,644	677	184	11,495	3,031	5,681	526	50	3	9,149
TOTAL UNDIVIDED	43,437	147,760	91,127	135,422	12,404	3,433	433,583	127,910	40,237	31,704	1,264	74	294,178
DIVIDED:													
NO ACCESS CONTROL:													
LESS THAN 9 FEET	-	-	-	-	-	-	-	4	-	-	-	-	4
9 FEET	-	-	-	169	2	8	179	-	-	-	-	-	-
10 FEET	-	-	-	98	2	4	104	-	-	46	-	-	106
11 FEET	-	5	109	872	191	392	1,569	-	7	55	28	3	93
12 FEET	-	-	-	11	128	14	153	-	6	-	-	-	32
GREATER THAN 12 FEET	-	-	-	-	-	-	-	26	13	101	28	3	235
SUBTOTAL	-	5	109	1,150	323	418	2,005	90	13	101	28	3	235
PARTIAL ACCESS CONTROL: 2/													
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	13	13	-	-	-	-	-	-
12 FEET	-	-	-	-	-	20	474	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	45	48	2	14	109	-	-	-	-	-	-
SUBTOTAL	-	-	45	48	2	14	109	-	-	-	1	-	11
FULL ACCESS CONTROL: 2/													
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	-	-	-	-	14	109	-	-	-	-	-	-
GREATER THAN 12 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	-	-	45	48	2	14	109	-	-	-	-	-	-
TOTAL DIVIDED	-	5	154	1,543	434	465	2,601	90	13	101	29	3	246
TOTAL	43,437	147,765	91,281	136,965	12,838	3,898	436,184	128,000	40,250	31,805	1,293	77	294,424

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

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-59
SHEET 3 OF 4
SEPTEMBER 1990

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

LANE WIDTH AND DEGREE OF ACCESS CONTROL	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME		AVERAGE DAILY TRAFFIC VOLUME				
	LESS THAN 15,000	15,000-34,999	35,000-59,999	60,000-99,999	100,000 AND OVER	TOTAL	LESS THAN 15,000	15,000-34,999	35,000-59,999	60,000-99,999	100,000 AND OVER	TOTAL	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999	20,000 AND OVER	TOTAL
UNDIVIDED:																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	1	-	-	-	-	1	11	14	5	5	5	41	288	136	20	2	-	-	446
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	-	5	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
GREATER THAN 12 FEET	10	-	-	-	-	37	217	101	17	2	-	52	903	1,723	269	1,126	8,061	3,359	19,753
SUBTOTAL	-	1	-	-	-	1	44	8	-	-	-	52	138	1,126	269	1,126	2,158	499	4,210
TOTAL UNDIVIDED	11	6	5	5	14	41	288	136	20	2	-	446	209	1,567	2,895	8,920	13,815	6,094	33,500
DIVIDED:																			
NO ACCESS CONTROL:																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	1	-	-	-	-	3	64	118	45	11	-	238	39	191	7	909	3,367	6,595	11,109
GREATER THAN 12 FEET	-	-	-	-	-	-	7	5	3	-	-	15	4	4	7	94	255	407	768
SUBTOTAL	-	1	2	-	-	3	73	139	50	11	-	273	9	55	217	1,170	4,167	8,763	14,381
PARTIAL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	1	-	-	-	-	16	459	761	254	8	-	1,590	3	36	45	386	937	1,330	2,796
GREATER THAN 12 FEET	-	1	-	-	-	1	7	12	8	-	-	27	3	1	1	21	42	52	119
SUBTOTAL	1	13	3	-	-	17	478	821	295	118	6	1,718	2	40	52	425	1,061	1,598	3,178
FULL ACCESS CONTROL: 2/																			
LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 FEET	904	3,036	2,646	6	41	53	12	34	27	14	27	114	3	3	17	42	100	219	361
GREATER THAN 12 FEET	9	60	39	22	2	132	6	31	16	-	-	53	-	-	-	4	1	13	18
SUBTOTAL	913	3,098	2,690	2,422	2,287	11,410	778	1,557	1,436	655	719	5,145	-	7	17	48	101	257	430
TOTAL DIVIDED	914	3,112	2,695	2,422	2,287	11,430	1,329	2,517	1,781	784	725	7,136	11	102	286	1,643	5,329	10,618	17,989
TOTAL	925	3,118	2,700	2,427	2,301	11,471	1,617	2,653	1,801	786	725	7,582	220	1,669	3,181	10,563	19,144	16,712	51,489

LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY TRAFFIC VOLUME - URBAN - 1989¹
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-59
SHEET 4 OF 4
SEPTEMBER 1990

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

LANE WIDTH AND DEGREE OF ACCESS CONTROL	MINOR ARTERIAL										COLLECTOR					TOTAL
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL				
	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999	10,000-19,999		20,000 AND OVER	LESS THAN 1,000	1,000-2,999	3,000-4,999	5,000-9,999		10,000-19,999	20,000 AND OVER		
UNDIVIDED: LESS THAN 9 FEET	92	138	96	51	31	15	423	1,108	759	336	112	9	-	2,324		
9 FEET	355	1,078	468	562	225	38	2,725	2,566	2,991	906	452	62	11	6,988		
10 FEET	907	3,097	2,031	3,771	2,175	572	12,553	4,417	7,850	3,417	2,126	442	78	18,330		
11 FEET	563	2,296	2,033	3,568	2,317	476	11,245	1,834	4,083	1,956	2,367	639	132	11,031		
12 FEET	1,228	5,037	5,378	9,924	7,971	1,405	30,943	4,572	9,349	5,925	2,103	146	34	27,969		
GREATER THAN 12 FEET	1,278	1,164	1,484	3,053	2,145	206	8,310	1,475	3,363	2,058	1,948	-	-	9,401		
TOTAL UNDIVIDED	3,414	12,810	11,470	20,929	14,864	2,712	66,199	15,972	28,395	14,598	12,889	3,778	401	76,033		
DIVIDED: NO ACCESS CONTROL: LESS THAN 9 FEET	-	1	-	28	-	10	39	4	-	-	1	-	-	4		
9 FEET	7	12	2	111	244	24	520	17	76	55	87	-	4	10		
10 FEET	66	6	28	104	498	306	1,008	-	72	20	101	-	10	304		
11 FEET	161	161	147	1,033	2,382	1,890	5,584	52	173	210	494	-	167	311		
12 FEET	3	13	29	104	230	121	500	1	67	33	127	-	8	1,496		
GREATER THAN 12 FEET	127	193	205	1,380	3,254	2,571	7,731	76	390	323	810	608	189	2,396		
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PARTIAL ACCESS CONTROL: 2/ LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	9	-	-	-	10		
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	9		
10 FEET	-	-	4	50	19	11	50	-	2	-	-	-	-	1		
11 FEET	-	3	7	108	231	219	588	-	-	1	5	-	7	27		
12 FEET	-	2	-	6	7	4	19	-	-	2	-	-	-	2		
GREATER THAN 12 FEET	-	5	11	183	257	234	690	1	3	12	5	13	8	42		
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FULL ACCESS CONTROL: 2/ LESS THAN 9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10 FEET	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 FEET	-	-	3	19	16	3	38	-	-	-	-	-	-	3		
12 FEET	-	-	4	4	38	42	88	-	-	-	-	-	-	-		
GREATER THAN 12 FEET	-	-	3	-	-	-	-	-	-	-	-	-	-	-		
SUBTOTAL	-	-	3	23	55	45	126	-	-	-	-	-	-	3		
TOTAL DIVIDED	127	198	220	1,586	3,566	2,850	8,547	77	393	335	815	624	197	2,441		
TOTAL	3,541	13,008	11,690	22,515	18,430	5,562	74,746	16,049	28,788	14,933	13,704	4,402	598	78,474		

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES FOR ARTERIALS & COLLECTORS FROM REPORTS OF 51 STATES (50 FOR 1989 AND 1 FOR 1988). FACTORED TO NATIONWIDE 1989 LEVELS.
2/ FULL ACCESS CONTROL - PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENTS BY PROVIDING INTERCHANGES WITH SELECTED PUBLIC ROADS AND DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.
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 - 1989

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61
SHEET 1 OF 4
SEPTEMBER 1990MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL				MINOR ARTERIAL				TOTAL					
	VOLUME-SERVICE FLOW RATIO (V/SF)				VOLUME-SERVICE FLOW RATIO (V/SF)				VOLUME-SERVICE FLOW RATIO (V/SF)									
	LESS THAN .21	.40 - .70	.71 - .79	.80 - .95	GREATER THAN .95	LESS THAN .21	.40 - .70	.71 - .79	.80 - .95	GREATER THAN .95	LESS THAN .21	.40 - .70		.71 - .79	.80 - .95	GREATER THAN .95		
ALABAMA	817	358	86	64	19	640	996	318	3	4	1,992	3,024	687	159	16	3	3,889	
ALASKA	146	50	7	8	11	1,039	50	5	826	53	826	60	60	16	16	-	802	
ARIZONA	762	278	9	18	3	1,038	457	66	13	8	1,097	1,493	517	200	2	14	2,226	
ARKANSAS	31	177	162	18	3	419	878	298	10	4	1,930	2,361	591	192	6	16	3,166	
CALIFORNIA	322	280	444	111	98	1,416	467	1,029	47	120	2,938	3,526	1,526	887	9	480	6,596	
COLORADO	275	320	83	72	17	791	692	271	17	38	1,903	1,488	262	146	6	21	1,952	
CONNECTICUT	-	24	30	11	37	109	14	82	6	15	226	84	237	105	13	7	472	
DELAWARE	-	-	-	-	-	-	-	-	-	-	153	39	98	38	7	-	182	
DIST. OF COL.	38	399	96	17	34	982	903	314	5	48	2,601	2,241	1,112	142	-	-	3,495	
FLORIDA	91	87	316	110	96	873	1,313	370	32	9	2,706	3,840	1,674	237	59	19	5,876	
HAWAII	-	-	-	-	-	-	-	-	-	-	13	127	143	58	17	12	385	
IDAHO	276	236	18	32	65	530	640	321	13	15	1,633	792	212	22	24	6	1,026	
ILLINOIS	197	981	218	11	17	1,417	183	41	206	9	1,285	5,208	2,188	76	24	23	7,527	
INDIANA	160	502	179	6	54	851	652	185	10	22	1,093	1,767	1,124	199	21	16	3,127	
IOWA	168	296	181	10	38	645	2,398	732	13	-	3,143	4,738	186	-	-	-	4,924	
KANSAS	154	474	84	125	36	712	2,275	983	12	-	3,250	4,092	988	3	62	21	4,463	
KENTUCKY	26	114	221	11	36	579	702	553	206	4	1,078	1,592	742	271	21	26	1,758	
LOUISIANA	11	352	304	6	6	653	412	495	150	9	1,078	1,592	993	45	31	26	1,758	
MARYLAND	104	106	52	10	3	313	231	320	30	13	1,078	1,592	993	164	31	1	1,088	
MASSACHUSETTS	-	-	-	32	32	169	20	162	246	19	36	499	333	435	24	27	56	1,143
MICHIGAN	87	329	65	17	17	170	54	62	67	13	244	226	268	51	44	43	769	
MINNESOTA	235	231	165	4	21	765	695	817	681	71	3,362	2,008	1,312	51	64	20	3,882	
MISSISSIPPI	23	334	191	6	6	560	736	683	150	5	1,579	3,231	776	68	64	-	5,324	
MISSOURI	19	365	217	92	35	841	913	1,429	355	62	2,102	2,788	682	192	18	-	4,199	
MONTANA	1,008	136	53	-	-	1,144	1,647	409	46	-	2,102	3,071	226	12	-	-	3,706	
NEBRASKA	103	285	-	-	-	444	2,319	375	24	-	2,718	4,102	89	17	-	3	5,311	
NEVADA	365	81	18	2	-	499	429	158	15	7	611	1,116	51	9	-	-	1,177	
NEW HAMPSHIRE	19	72	48	15	11	181	17	81	115	20	319	95	268	215	44	25	684	
NEW JERSEY	301	278	283	21	37	906	901	273	40	1	1,217	1,825	251	52	22	23	2,146	
NEW MEXICO	16	326	355	49	63	855	459	827	299	41	1,789	1,894	1,916	631	107	8	4,626	
NORTH CAROLINA	507	45	288	78	148	620	190	862	544	83	2,059	648	744	523	14	23	2,051	
NORTH DAKOTA	2	143	500	77	59	847	680	719	252	36	1,207	4,178	19	19	99	-	4,197	
OHIO	127	503	75	5	2	723	1,336	386	129	28	1,879	2,861	352	17	-	-	3,309	
OKLAHOMA	93	248	229	13	7	565	710	974	800	64	2,271	1,991	541	30	3	-	3,220	
PENNSYLVANIA	71	480	425	45	86	1,155	399	85	392	41	1,787	3,123	1,965	844	18	-	2,565	
RHODE ISLAND	-	-	21	-	-	21	15	33	13	1	74	5,776	1,020	29	3	22	5,972	
SOUTH CAROLINA	426	202	370	68	29	673	631	270	5	11	1,517	2,143	955	323	5	7	3,440	
SOUTH DAKOTA	15	319	418	25	3	631	2,020	225	64	7	2,517	3,294	71	21	1	-	3,367	
TENNESSEE	901	669	501	106	42	2,278	5,027	2,313	524	23	1,061	1,972	1,826	220	45	-	4,163	
TEXAS	447	253	62	10	3	778	284	247	121	18	682	1,494	250	109	2	8	1,863	
VERMONT	106	194	44	36	-	286	33	139	53	23	589	279	391	111	7	19	748	
VIRGINIA	148	165	143	12	20	519	640	641	201	5	1,508	1,632	608	90	88	29	3,642	
WASHINGTON	-	-	-	-	31	519	866	688	201	25	1,796	2,107	344	96	17	-	2,577	
WEST VIRGINIA 2/	51	141	178	11	33	429	88	205	164	8	518	514	597	372	76	132	1,717	
WISCONSIN	4	98	262	20	96	516	894	1,765	579	12	3,210	3,310	1,427	262	42	26	5,075	
WYOMING	748	118	-	-	-	864	777	166	62	11	1,023	1,825	289	-	-	-	2,094	
TOTAL	9,272	11,231	8,722	1,397	1,425	33,378	36,755	28,738	10,801	990	80,951	101,426	33,287	9,642	972	1,081	147,327	
PERCENT/SYSTEM	27.8	33.6	26.1	4.2	4.0	100.0	47.9	35.5	13.3	1.2	1.0	1.1	1.1	0.6	0.7	0.7	100.0	
											68.9	22.6	6.5	0.7	0.6	0.7	100.0	

VOLUME-SERVICE FLOW RATIO - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HH-61
SHEET 2 OF 4
SEPTEMBER 1990

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

STATE	MAJOR COLLECTOR										MINOR COLLECTOR									
	VOLUME-SERVICE FLOW RATIO (V/SF)					TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)					TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)					TOTAL		
	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95		GREATER THAN .95	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79		.80 - .95	GREATER THAN .95						
ALABAMA	11,221	249	86	-	-	11,556	6,980	12	-	-	-	-	-	-	6,992					
ALASKA	1,771	55	20	-	-	1,856	898	12	-	-	-	-	-	-	910					
ARIZONA	3,164	476	22	3	8	3,669	3,129	16	-	-	-	-	-	-	3,135					
ARKANSAS	12,154	236	28	-	-	12,416	6,551	15	-	-	-	-	-	-	6,566					
CALIFORNIA	8,614	2,291	1,264	216	260	12,916	8,586	809	423	43	1	25	-	9,887						
COLORADO	7,022	257	4	1	25	7,295	11,893	30	8	1	1	-	-	12,032						
CONNECTICUT	628	283	20	-	34	960	1,068	57	11	-	-	-	-	1,136						
DELAWARE	506	67	31	-	-	606	143	7	3	1	-	-	-	1,154						
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
FLORIDA	4,119	488	67	-	-	4,674	5,109	72	14	-	-	-	-	5,195						
GEORGIA	13,336	492	187	2	-	14,021	7,213	58	15	-	-	-	-	7,276						
HAWAII	297	145	14	2	-	458	83	21	8	-	-	1	-	1,113						
IDaho	4,811	70	9	2	2	4,896	3,891	4	-	-	-	-	-	3,895						
ILLINOIS	13,571	845	59	-	-	14,275	3,571	9	-	-	-	-	-	3,580						
INDIANA	6,991	2,536	180	-	-	9,707	10,084	3	261	-	-	-	-	10,348						
IONA	13,476	59	-	-	-	13,535	16,394	2	-	-	-	-	-	16,396						
KANSAS	22,408	264	8	-	-	22,680	9,318	3	1	14	1	2	-	8,322						
KENTUCKY	1,410	179	58	19	32	1,752	9,003	221	31	17	-	-	-	9,252						
LOUISIANA	6,812	448	7	6	28	7,353	4,227	61	17	-	-	-	-	4,305						
MAINE	2,900	289	83	6	-	3,278	2,200	52	3	-	-	-	-	2,255						
MARYLAND	1,325	441	89	-	44	1,906	1,823	64	4	-	-	2	-	1,893						
MASSACHUSETTS	1,505	420	64	11	28	2,007	1,939	7	5	-	-	-	-	1,951						
MICHIGAN	14,776	1,793	529	11	28	17,165	7,459	67	6	2	-	-	-	7,532						
MINNESOTA	16,176	372	83	-	-	16,636	11,832	34	2	-	-	-	-	11,870						
MISSISSIPPI	11,067	491	156	3	-	11,714	2,911	9	6	-	-	-	-	2,926						
MISSOURI	17,403	619	75	-	-	18,100	5,423	7	-	-	-	-	-	5,430						
MONTANA	6,625	41	2	-	-	6,668	6,668	-	-	-	-	-	-	6,668						
NEBRASKA	11,414	28	7	-	-	11,449	9,235	-	-	-	-	-	-	9,235						
NEVADA	2,182	26	122	-	-	2,330	2,448	1	1	-	-	-	-	2,450						
NEW HAMPSHIRE	855	280	80	2	11	1,235	1,156	63	5	-	2	-	-	1,226						
NEW JERSEY	955	445	297	33	40	1,770	1,009	216	10	-	3	-	-	1,241						
NEW MEXICO	4,299	135	43	6	2	4,485	2,440	14	6	-	-	-	-	2,460						
NEW YORK	5,053	1,017	185	5	7	6,297	10,140	497	23	126	8	7	-	10,794						
NORTH CAROLINA	7,418	2,601	362	69	19	10,480	8,673	368	10	-	-	-	-	9,058						
NORTH DAKOTA	11,107	1,215	369	-	33	11,700	7,492	-	70	-	-	-	-	7,492						
OHIO	10,067	1,215	369	-	33	11,700	6,690	425	3	-	-	-	-	7,188						
OKLAHOMA	20,986	380	47	-	-	21,414	3,080	8	1	-	-	-	-	3,089						
OREGON	9,286	328	34	-	-	9,646	7,255	57	25	-	-	-	-	7,312						
PENNSYLVANIA	6,632	1,236	183	-	52	8,001	8,127	250	-	-	-	-	-	8,402						
RHODE ISLAND	171	22	8	-	-	201	143	10	-	-	-	-	-	153						
SOUTH CAROLINA	7,800	616	115	-	-	8,531	3,961	40	4	-	-	-	-	4,005						
SOUTH DAKOTA	1,392	46	16	-	-	1,461	6,857	-	20	-	-	-	-	6,857						
TENNESSEE	1,539	53	169	19	35	1,736	10,576	203	17	-	-	-	-	10,799						
TEXAS	36,454	1,268	139	16	21	37,905	18,485	32	17	-	-	-	-	18,534						
UTAH	2,855	110	53	7	5	3,036	4,262	15	-	-	-	-	-	4,277						
VIRGINIA	7,534	253	123	3	2	8,145	5,982	2	2	-	-	-	-	986						
WASHINGTON	7,936	1,536	505	8	35	10,210	2,356	26	18	-	-	-	-	2,400						
WEST VIRGINIA 2/	4,087	1,854	399	-	1	6,356	2,142	15	-	-	-	-	-	2,157						
WISCONSIN	13,273	317	61	-	-	13,676	5,154	-	14	-	-	-	-	6,454						
WYOMING	2,421	44	15	-	-	2,480	7,397	11	-	-	-	-	-	7,422						
TOTAL	397,843	29,933	6,921	449	698	436,184	288,998	4,142	1,039	186	19	40	-	294,424						
PERCENT/SYSTEM	91.1	6.9	1.6	0.1	0.2	100.0	98.1	1.4	0.4	0.1	0.0	0.0	-	100.0						

VOLUME-SERVICE FLOW RATIO - URBAN - 1989

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61
SHEET 3 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL										
	VOLUME-SERVICE FLOW RATIO (V/SF)			TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)			TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)			TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)			TOTAL							
	LESS THAN .21	.21 - .40	.41 - .70		.71 - .79	.80 - .95	GREATER THAN .95		LESS THAN .21	.21 - .40	.41 - .70		.71 - .79	.80 - .95	GREATER THAN .95		LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95	GREATER THAN .95	
ALABAMA																							
ALASKA																							
ARIZONA																							
ARKANSAS																							
CALIFORNIA																							
COLORADO																							
CONNECTICUT																							
DELAWARE																							
DIST. OF COL.																							
FLORIDA																							
GEORGIA																							
HAWAII																							
IDAHO																							
ILLINOIS																							
INDIANA																							
IOWA																							
KANSAS																							
KENTUCKY																							
LOUISIANA																							
MAINE																							
MARYLAND																							
MASSACHUSETTS																							
MICHIGAN																							
MINNESOTA																							
MISSISSIPPI																							
MISSOURI																							
MONTANA																							
NEBRASKA																							
NEVADA																							
NEW HAMPSHIRE																							
NEW JERSEY																							
NEW MEXICO																							
NEW YORK																							
NORTH CAROLINA																							
NORTH DAKOTA																							
OHIO																							
OKLAHOMA																							
OREGON																							
PENNSYLVANIA																							
RHODE ISLAND																							
SOUTH CAROLINA																							
SOUTH DAKOTA																							
TENNESSEE																							
TEXAS																							
UTAH																							
VERMONT																							
VIRGINIA																							
WASHINGTON																							
WEST VIRGINIA 2/ MONTING																							
TOTAL	509	1,569	3,356	984	1,518	3,535	11,471	863	1,731	2,109	4,477	667	1,765	7,582	5,690	11,745	16,363	3,340	5,417	8,934	51,469	100.0	
PERCENT/SYSTEM	4.4	13.7	29.3	8.6	13.2	30.8	100.0	1.4	22.8	27.8	5.9	8.8	23.3	100.0	11.1	22.8	31.7	6.5	10.5	17.4	100.0		

VOLUME-SERVICE FLOW RATIO - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-61
SHEET 4 OF 4
SEPTEMBER 1990

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

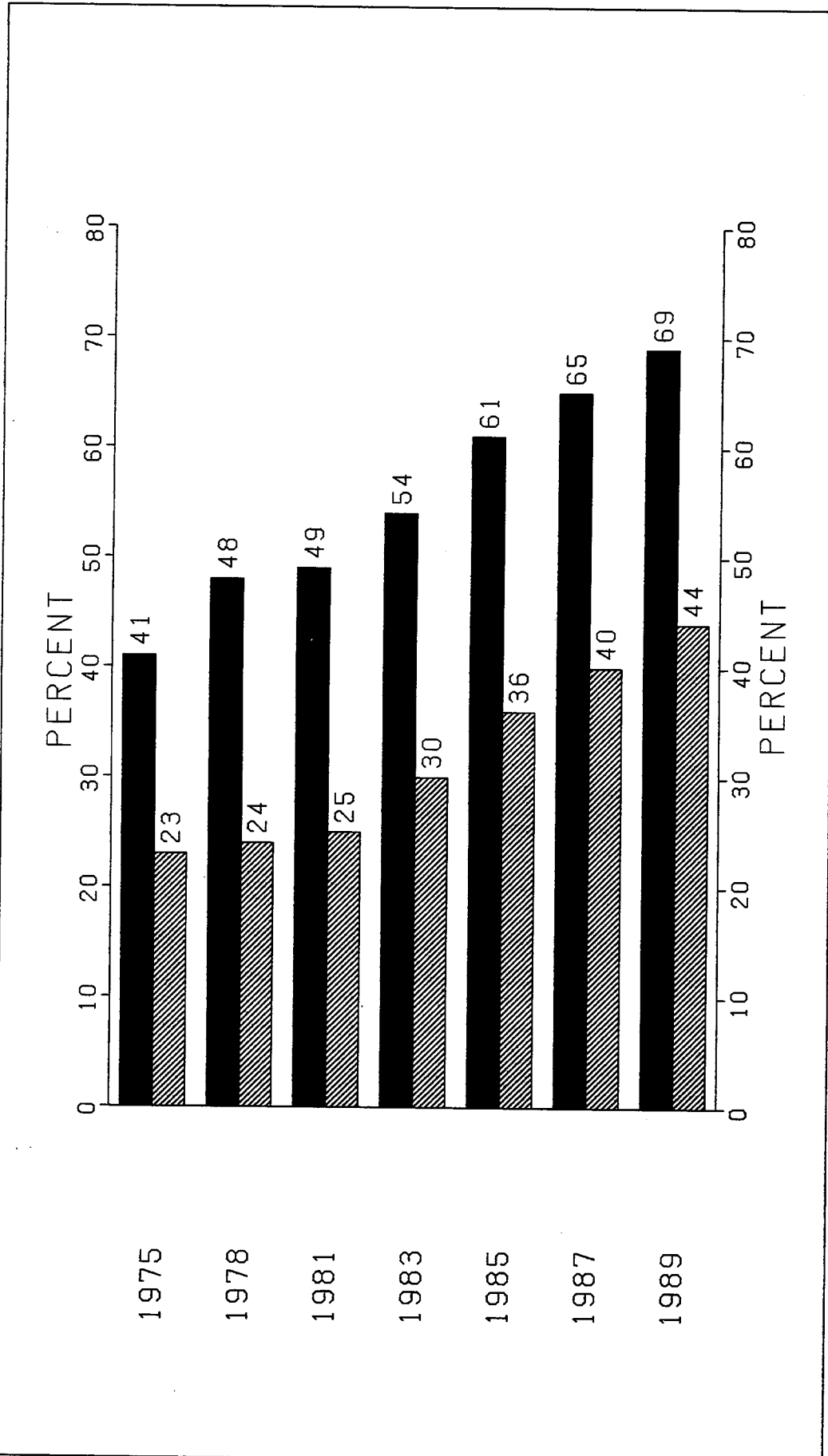
STATE	MINOR ARTERIAL										COLLECTOR										TOTAL
	VOLUME-SERVICE FLOW RATIO (V/SF)					TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)					TOTAL	VOLUME-SERVICE FLOW RATIO (V/SF)					TOTAL			
	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79	.80 - .95		GREATER THAN .95	LESS THAN .21	.21 - .40	.41 - .70	.71 - .79		.80 - .95	GREATER THAN .95	LESS THAN .21	.21 - .40	.41 - .70		.71 - .79	.80 - .95	
ALABAMA	687	505	265	48	58	48	1,611	325	164	29	44	13	1,716								
ALASKA	42	27	5	-	-	8	82	28	1	2	2	3	155								
ARIZONA	427	297	212	32	30	19	1,017	163	74	15	6	53	1,739								
ARKANSAS	426	280	165	41	30	49	991	183	99	4	3	2	1,006								
CALIFORNIA	1,053	2,021	2,879	576	666	1,093	8,288	2,456	1,673	324	329	185	7,723								
COLORADO	469	354	254	32	17	18	1,144	780	93	3	10	10	1,148								
CONNECTICUT	190	273	227	112	112	113	948	517	147	47	18	42	1,917								
DELAWARE	5	10	26	6	10	75	132	31	36	8	24	44	171								
DIST. OF COL.	-	10	75	11	32	24	152	54	38	12	16	11	156								
FLORIDA	328	643	873	101	220	251	2,416	1,128	1,123	274	360	558	4,771								
GEORGIA	700	527	480	40	133	233	2,113	299	221	10	8	18	1,815								
HAWAII	6	25	41	16	13	16	117	29	73	9	19	9	181								
IDAHO	139	91	104	11	3	27	375	67	24	8	2	5	393								
ILLINOIS	530	710	908	264	402	723	3,537	671	594	214	299	189	3,298								
INDIANA	514	514	526	106	281	290	2,281	332	206	13	56	69	1,853								
IOWA	431	596	222	15	21	3	1,288	287	1,277	78	10	3	1,047								
KANSAS	218	172	520	33	10	40	993	431	167	19	1	4	779								
KENTUCKY	232	374	209	31	30	196	1,012	232	108	37	12	75	1,397								
LOUISIANA	535	323	220	15	9	2	1,104	686	24	3	12	-	1,377								
MAINE	32	99	102	13	24	26	296	230	35	2	-	3	392								
MARYLAND	220	219	275	62	64	121	955	215	154	101	13	25	1,173								
MASSACHUSETTS	45	11	1,223	0	28	35	2,416	355	1,04	129	12	12	2,725								
MICHIGAN	1,229	630	321	182	130	332	3,580	1,495	1,984	27	105	105	2,851								
MINNESOTA	354	443	395	53	130	142	1,517	502	262	24	25	80	1,845								
MISSISSIPPI	280	238	92	22	37	12	681	473	74	2	5	6	758								
MISSOURI	582	529	624	16	19	60	1,623	303	180	12	38	29	1,480								
MONTANA	115	43	175	4	5	3	211	124	36	3	1	3	228								
NEBRASKA	145	187	126	12	32	35	537	114	69	6	14	4	405								
NEVADA	164	97	55	1	15	8	340	61	31	3	-	6	432								
NEW HAMPSHIRE	98	106	81	17	21	32	355	248	25	2	13	13	339								
NEW JERSEY	621	595	524	192	349	584	2,865	341	275	35	124	70	1,908								
NEW MEXICO	196	104	37	1	-	-	338	231	23	-	-	-	302								
NEW YORK	581	1,004	867	220	423	1,055	4,150	2,044	442	114	147	209	3,945								
NORTH CAROLINA	618	662	535	91	49	237	2,192	918	172	25	13	31	1,368								
NORTH DAKOTA	126	80	38	4	15	1	264	146	27	4	6	-	228								
OHIO	1,025	707	371	97	121	468	2,789	1,984	702	53	132	520	4,124								
OKLAHOMA	1,649	168	41	-	-	3	1,861	1,181	2	-	-	-	1,204								
OREGON	250	230	306	48	24	53	911	645	161	27	8	26	1,099								
PENNSYLVANIA	657	763	670	265	157	322	2,834	1,353	728	62	152	200	3,185								
RHODE ISLAND	42	52	78	18	35	66	291	315	65	13	8	12	499								
SOUTH CAROLINA	273	258	215	31	53	63	893	844	80	31	20	48	1,159								
SOUTH DAKOTA	156	61	4	2	4	2	242	137	23	1	-	-	162								
TENNESSEE	103	305	317	64	63	111	793	799	304	72	45	89	1,783								
TEXAS	2,100	1,062	1,189	203	273	776	5,603	4,270	815	96	123	458	6,885								
UTAH	126	114	128	14	26	21	429	314	70	6	8	11	476								
VERMONT	22	34	40	10	5	18	129	80	40	1	11	2	178								
VIRGINIA	321	541	417	76	128	146	1,629	1,14	114	24	1	32	1,503								
WASHINGTON	786	353	337	70	83	78	1,707	1,411	112	22	12	29	1,778								
WEST VIRGINIA 2/	110	150	43	1	8	16	328	304	19	1	11	7	400								
WISCONSIN	752	511	271	47	52	272	1,505	1,183	56	10	-	-	1,428								
WYOMING	172	31	2	-	1	2	208	297	-	-	-	-	319								
TOTAL	20,919	19,024	18,489	3,319	4,611	8,384	74,746	42,994	11,394	1,954	2,261	3,335	78,474								
PERCENT/SYSTEM	28.0	25.5	24.7	4.4	6.2	11.2	100.0	54.8	21.1	14.5	2.9	4.2	100.0								

1/ AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES. PRIOR TO 1988 TABLE HM-61 WAS TITLED, "VOLUME-CAPACITY RATIO," THE NEW TITLE REFLECTS THE REVISED TERMINOLOGY OF THE "HIGHWAY CAPACITY MANUAL" PUBLISHED BY THE TRANSPORTATION RESEARCH BOARD IN 1985.
2/ 1988 BASE DATA FACTORED TO 1989 LEVELS (1989 BASE DATA NOT AVAILABLE).

URBAN INTERSTATE CONGESTION TRENDS

PERCENT OF MILEAGE AND PEAK HOUR TRAVEL

WITH V/SF > OR = .80



LEGEND ■ PEAK HOUR TRAVEL ▨ MILEAGE

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

PAVEMENT CONDITION - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
SHEET 1 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE															OTHER PRINCIPAL ARTERIAL															MINOR ARTERIAL							TOTAL
	PSR < 2.5					PSR 2.6-3.4					PSR 3.5-5.0					PSR < 2.0					PSR 2.1-3.4					PSR 3.5-5.0					UNPAVED							
	TOTAL					UNPAVED					TOTAL					UNPAVED					TOTAL					UNPAVED					UNPAVED							
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	UNPAVED											
ALABAMA	274	1	53	586	-	840	18	543	1,449	-	1,992	31	1,698	2,159	-	3,889	8	1,579	2,190	-	3,777	6	1,653	2,197	-	3,902	71											
ALASKA	130	2	484	279	-	1,039	34	412	445	-	1,037	122	1,139	264	-	2,226	281	1,139	694	-	2,054	281	1,653	694	-	2,226	-											
ARIZONA	17	163	135	267	-	419	4	757	1,169	-	1,990	-	1,990	-	-	1,990	198	1,990	-	-	1,990	198	1,990	-	-	1,990	-											
ARKANSAS	89	35	473	819	-	1,416	22	1,064	1,874	-	2,938	9	2,938	9	-	2,938	20	2,938	3,615	-	6,596	20	2,938	3,615	-	6,596	-											
CALIFORNIA	47	1	293	451	-	791	-	596	1,285	-	1,903	3	1,903	3	-	1,903	4	1,903	1,317	-	4,772	4	1,317	1,317	-	4,772	182											
CONNECTICUT	-	-	42	66	-	109	-	44	103	-	153	-	153	-	-	153	24	153	334	-	482	24	153	334	-	482	-											
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
FLORIDA	71	26	256	655	-	982	69	1,023	1,503	-	2,601	51	1,931	2,106	-	3,495	7	1,931	2,106	-	5,895	7	1,931	2,106	-	5,895	385											
GEORGIA	92	-	186	569	-	873	110	766	1,798	-	2,706	11	2,706	11	-	2,706	293	2,706	3,472	-	5,895	293	2,706	3,472	-	5,895	-											
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
IDAHO	130	48	140	212	-	530	198	527	832	-	1,633	267	1,633	267	-	1,633	54	1,633	2,498	-	4,463	54	1,633	2,498	-	4,463	-											
ILLINOIS	37	20	350	1,030	-	1,857	-	28	170	-	2,25	196	2,25	196	-	2,25	39	2,25	3,781	-	7,527	39	2,25	3,781	-	7,527	-											
INDIANA	28	23	27	773	-	851	-	33	716	-	1,063	-	1,063	-	-	1,063	23	1,063	1,989	-	3,127	23	1,063	1,989	-	3,127	-											
IOWA	37	8	182	418	-	645	-	47	944	-	3,143	-	3,143	-	-	3,143	25	3,143	4,924	-	8,106	25	3,143	4,924	-	8,106	-											
KANSAS	51	10	474	177	-	712	45	1,437	1,768	-	3,250	7	3,250	7	-	3,250	3	3,250	4,968	-	8,483	3	3,250	4,968	-	8,483	-											
KENTUCKY	3	4	237	335	-	579	2	989	589	-	1,577	39	1,577	39	-	1,577	6	1,577	2,498	-	4,463	6	1,577	2,498	-	4,463	-											
LOUISIANA	6	6	158	489	-	653	30	504	538	-	1,078	60	1,078	60	-	1,078	4	1,078	1,579	-	2,579	4	1,078	1,579	-	2,579	-											
MAINE	-	11	144	145	-	313	10	913	343	-	1,736	6	1,736	6	-	1,736	6	1,736	2,498	-	4,463	6	1,736	2,498	-	4,463	-											
MARYLAND	6	7	5	158	-	169	3	55	441	-	499	42	499	42	-	499	10	499	784	-	1,143	10	499	784	-	1,143	-											
MASSACHUSETTS	2	2	53	108	-	170	-	122	122	-	244	10	244	10	-	244	10	244	209	-	3,882	10	244	209	-	3,882	-											
MICHIGAN	8	52	346	359	-	765	25	1,509	828	-	2,362	101	2,362	101	-	2,362	63	2,362	3,429	-	6,143	63	2,362	3,429	-	6,143	-											
MINNESOTA	46	-	390	252	-	688	6	1,837	1,517	-	3,360	63	3,360	63	-	3,360	63	3,360	4,924	-	8,324	63	3,360	4,924	-	8,324	-											
MISSISSIPPI	8	65	173	379	-	560	-	413	1,166	-	1,579	-	1,579	-	-	1,579	-	1,579	2,498	-	4,139	-	1,579	2,498	-	4,139	-											
MISSOURI	237	157	352	187	-	841	141	1,540	859	-	2,768	213	2,768	213	-	2,768	282	2,768	3,706	-	7,494	282	2,768	3,706	-	7,494	-											
MONTANA	157	43	432	555	-	1,144	350	692	1,044	-	2,102	617	2,102	617	-	2,102	57	2,102	2,708	-	4,813	57	2,102	2,708	-	4,813	-											
NEBRASKA	43	-	63	338	-	444	196	1,111	1,349	-	2,718	500	2,718	500	-	2,718	57	2,718	3,429	-	6,143	57	2,718	3,429	-	6,143	-											
NEVADA	110	49	238	47	-	499	27	521	60	-	611	91	611	91	-	611	18	611	884	-	1,177	18	611	884	-	1,177	-											
NEW HAMPSHIRE	17	21	143	-	-	271	-	157	122	-	319	3	319	3	-	319	18	319	461	-	784	18	319	461	-	784	-											
NEW JERSEY	11	4	30	81	-	126	-	784	430	-	1,217	37	1,217	37	-	1,217	92	1,217	1,832	-	3,049	92	1,217	1,832	-	3,049	-											
NEW MEXICO	3	7	460	436	-	906	3	784	430	-	1,217	37	1,217	37	-	1,217	92	1,217	1,832	-	3,049	92	1,217	1,832	-	3,049	-											
NEW YORK	-	23	192	640	-	855	44	876	913	-	1,789	97	1,789	97	-	1,789	24	1,789	2,472	-	4,626	24	1,789	2,472	-	4,626	-											
NORTH CAROLINA	6	16	171	443	-	620	-	226	1,785	-	2,065	43	2,065	43	-	2,065	78	2,065	3,085	-	5,150	78	2,065	3,085	-	5,150	-											
NORTH DAKOTA	1	-	189	340	-	530	40	1,087	74	-	1,207	-	1,207	-	-	1,207	-	1,207	1,880	-	3,087	-	1,207	1,880	-	3,087	-											
OHIO	23	35	319	470	-	847	-	834	838	-	1,672	-	1,672	-	-	1,672	-	1,672	2,498	-	4,139	-	1,672	2,498	-	4,139	-											
OKLAHOMA	-	6	160	547	-	723	40	1,008	831	-	1,879	205	1,879	205	-	1,879	564	1,879	2,498	-	4,377	564	1,879	2,498	-	4,377	-											
OREGON	58	28	291	218	-	595	77	617	1,122	-	2,271	100	2,271	100	-	2,271	3	2,271	3,085	-	5,356	3	2,271	3,085	-	5,356	-											
PENNSYLVANIA	75	5	532	515	-	1,155	35	901	816	-	1,787	53	1,787	53	-	1,787	3	1,787	2,498	-	4,285	3	1,787	2,498	-	4,285	-											
RHODE ISLAND	5	-	11	11	-	21	9	30	31	-	40	15	40	15	-	40	3	40	461	-	884	3	40	461	-	884	-											
SOUTH CAROLINA	50	4	123	495	-	673	22	574	921	-	1,517	-	1,517	-	-	1,517	7	1,517	2,086	-	3,603	7	1,517	2,086	-	3,603	-											
SOUTH DAKOTA	-	44	44	587	-	631	77	743	1,467	-	2,317	167	2,317	167	-	2,317	44	2,317	3,429	-	5,746	44	2,317	3,429	-	5,746	-											
TENNESSEE	31	11	154	585	-	781	130	307	584	-	1,051	116	1,051	116	-	1,051	284	1,051	1,517	-	2,568	284	1,051	1,517	-	2,568	-											
TEXAS	26	59	692	1,501	-	2,278	123	3,832	3,949	-	7,904	171	7,904	171	-	7,904	30	7,904	10,463	-	18,367	30	7,904	10,463	-	18,367	-											
UTAH	-	12	244	522	-	778	1	401	280	-	682	-	682	-	-	682	24	682	921	-	1,603	24	682	921	-	1,603	-											
VERMONT	-	28	174	156	-	330	3	37	196	-	289	-	289	-	-	289	6	289	420	-	748	6	289	420	-	748	-											
VIRGINIA	36	28	178	451	-	717	103	419	940	-	1,509	814	1,509	814	-	1,509	67	1,509	2,086	-	3,592	67	1,509	2,086	-	3,592	-											
WASHINGTON	1	-	112	406	-	519	-	539	1,250	-	1,796	-	1,796	-	-	1,796	6	1,796	2,498	-	4,294	6	1,796	2,498	-	4,294	-											
WEST VIRGINIA	7	6	253	163	-	429	-	352	141	-	518	83	518	83	-	518	55	518	683	-	1,201	55	518	683	-	1,201	-											
WISCONSIN	105	-	70	341	-	516	126	1,829	1,597	-	3,271	238	3,271	238	-	3,271	24	3,271	4,463	-	7,734	24	3,271	4,463	-	7,734	-											
WYOMING	-	-	314	550	-	864	4	283	736	-	1,023	-	1,023	-	-	1,023	-	1,023	1,366	-	2,389	-	1,023	1,366	-	2,389	-											
TOTAL	2,203	845	10,841	19,489	-	33,378	2,085	1,500	35,238	-	80,951	4,016	80,951	4,016	-	80,951	3,349	80,951	107,966	-	147,327	3,349	80,951	107,966	-	147,327	107											
PERCENT/SYSTEM	6.7	2.6	32.5	58.2	-	100.0	2.6	1.9	43.6	-	100.0	2.8	100.0	2.8	-	100.0	2.3	100.0	45.5	-	100.0	2.3	100.0	45.5	-	100.0	0.1											

PAVEMENT CONDITION - RURAL - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

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

STATE	MAJOR COLLECTOR						MINOR COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	689	1,388	5,508	3,714	257	11,556	771	1,297	3,371	1,273	280	6,992
ALASKA	133	1	645	57	1,020	1,856	30	-	250	79	551	910
ARIZONA	258	759	882	1,094	670	3,663	260	182	601	618	1,474	3,135
ARKANSAS	176	1,293	7,707	1,968	1,272	12,416	754	139	1,157	414	4,102	6,566
CALIFORNIA	660	615	6,838	4,035	768	12,916	1,117	796	4,843	1,881	1,250	9,887
COLORADO	311	10	3,625	2,612	737	7,295	396	191	2,483	1,175	7,787	12,032
CONNECTICUT	22	14	450	474	-	960	30	38	602	461	5	1,136
DELAWARE	-	76	297	233	-	606	-	44	54	56	-	154
DIST. OF COL.	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA	3,752	110	448	265	99	4,674	4,842	31	-	-	322	5,195
GEORGIA	1,071	337	6,837	5,422	354	14,021	771	284	2,309	2,547	1,365	7,276
HAWAII	45	24	292	97	-	458	21	-	74	18	-	113
IDAHO	957	307	1,815	684	1,133	4,896	528	-	822	186	2,359	3,895
ILLINOIS	-	289	5,173	7,994	819	14,275	-	177	1,265	1,307	831	3,580
INDIANA	17	348	4,875	4,467	-	9,707	1,408	1,502	4,289	1,962	1,187	10,348
IOWA	-	192	1,822	10,128	1,393	13,535	-	89	399	3,825	12,083	16,396
KANSAS	1,392	1,076	4,312	4,029	11,871	22,680	121	107	413	143	8,538	9,322
KENTUCKY	385	110	6,407	450	-	7,352	1,528	253	7,435	28	28	9,272
LOUISIANA	673	61	2,890	3,729	-	7,353	785	84	1,866	1,332	238	4,305
MAINE	385	93	1,591	1,209	-	3,278	364	74	1,095	641	81	2,255
MARYLAND	124	28	674	1,080	-	1,906	63	72	818	910	30	1,893
MASSACHUSETTS	285	12	1,195	478	37	2,007	442	45	925	280	259	1,951
MICHIGAN	1,175	959	7,138	5,982	1,911	17,165	645	359	3,357	1,602	1,569	7,532
MINNESOTA	3	275	7,613	7,124	1,621	16,636	17	6	3,072	4,159	4,616	11,870
MISSISSIPPI	3,760	-	4,323	2,904	727	11,714	974	-	738	537	677	2,926
MISSOURI	703	156	12,640	4,601	-	18,100	247	493	4,314	376	-	5,430
MONTANA	635	-	984	2,200	2,849	6,668	21	-	216	488	8,660	9,385
NEBRASKA	562	478	2,789	3,041	4,579	11,449	269	20	447	235	8,264	9,235
NEVADA	97	229	1,711	242	51	2,330	5	48	1,143	-	1,254	2,450
NEW HAMPSHIRE	89	86	992	68	-	1,235	634	66	508	16	2	1,226
NEW JERSEY	130	18	912	710	-	1,770	64	88	477	611	1	1,241
NEW MEXICO	256	114	3,512	295	308	4,485	159	140	1,920	12	229	2,460
NEW YORK	-	40	2,876	3,381	-	6,297	17	570	4,968	5,173	66	10,794
NORTH CAROLINA	86	130	1,443	8,821	-	10,480	526	288	1,623	6,621	-	9,058
NORTH DAKOTA	-	80	4,670	1,712	4,645	11,107	-	-	285	111	7,096	7,492
OHIO	49	421	5,923	5,307	-	11,700	669	616	4,545	662	696	7,188
OKLAHOMA	46	1,072	9,346	5,512	5,438	21,414	-	52	423	228	2,386	3,089
OREGON	136	957	3,027	4,857	669	9,646	-	264	1,602	1,988	3,458	7,312
PENNSYLVANIA	748	159	5,686	988	420	8,001	2,932	738	4,535	167	30	8,402
RHODE ISLAND	50	37	72	42	-	201	35	44	56	18	-	153
SOUTH CAROLINA	92	14	4,191	4,234	-	8,531	227	72	2,099	1,514	93	4,005
SOUTH DAKOTA	1,099	167	3,303	2,475	4,417	11,461	167	-	532	203	5,955	6,857
TENNESSEE	1,570	673	1,471	1,743	-	5,457	167	102	3,313	6,568	649	10,799
TEXAS	1,361	87	24,786	11,671	-	37,905	1,224	28	13,738	3,481	63	18,534
UTAH	20	57	1,493	1,042	424	3,036	132	54	611	534	2,946	4,277
VERMONT	85	-	947	815	66	1,913	25	39	381	148	393	986
VIRGINIA	838	549	3,765	5,058	-	10,210	90	174	1,446	690	-	2,400
WASHINGTON	52	-	4,255	2,558	484	7,349	278	38	3,763	1,377	1,221	6,677
WEST VIRGINIA 2/	786	238	4,206	1,126	-	6,356	633	343	921	138	122	2,157
WISCONSIN	770	672	7,043	5,193	-	13,678	481	230	2,903	2,636	204	6,454
WYOMING	-	-	1,056	1,343	81	2,480	148	241	749	347	5,937	7,422
TOTAL	26,533	14,811	196,456	149,264	49,120	436,184	25,017	10,518	99,756	59,776	99,357	294,424
PERCENT/SYSTEM	6.1	3.4	45.0	34.2	11.3	100.0	8.5	3.6	33.9	20.3	33.7	100.0

PAVEMENT CONDITION - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM

TABLE HM-63
SHEET 3 OF 4
SEPTEMBER 1990

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

STATE	INTERSTATE										OTHER FREEWAYS AND EXPRESSWAYS										OTHER PRINCIPAL ARTERIAL									
	PSR < 2.5	PSR 2.5	PSR 2.6-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL												
ALABAMA	-	1	39	203	-	242	-	-	-	-	-	-	17	3	576	423	-	1,019												
ALASKA	16	11	33	96	-	50	-	-	-	-	-	50	14	8	59	24	-	1,05												
ARIZONA	6	4	33	80	-	127	-	-	-	-	-	127	16	93	320	520	7	946												
ARKANSAS	-	4	35	80	-	123	1	54	48	-	103	32	17	264	316	5	634													
CALIFORNIA	40	6	527	414	-	987	3	508	750	-	1,263	205	216	3,364	2,148	-	5,934													
COLORADO	19	5	44	80	-	148	1	68	83	-	152	23	9	152	331	13	965													
CONNECTICUT	2	1	51	179	-	233	2	95	94	-	191	1	-	284	425	-	710													
DELAWARE	-	-	1	40	-	41	-	-	1	-	1	9	3	67	58	-	135													
DIST. OF COL.	2	1	6	3	-	12	5	15	2	-	24	5	-	58	36	-	99													
FLORIDA	7	4	115	288	-	414	10	46	195	-	251	133	46	767	985	-	1,941													
GEORGIA	28	-	53	291	-	372	5	51	372	-	143	19	3	474	961	-	1,487													
HAWAII	-	-	22	12	-	34	-	47	10	-	57	2	2	68	21	-	99													
IDAHO	7	1	4	64	-	76	-	-	-	-	-	4	2	33	147	-	186													
ILLINOIS	10	6	105	403	-	524	-	-	-	-	94	-	37	1,194	778	-	2,009													
INDIANA	2	5	51	208	-	266	-	6	78	-	113	-	22	619	691	-	1,338													
IOWA	13	-	78	46	-	137	-	29	78	-	-	6	109	239	563	6	1,917													
KANSAS	15	8	87	49	-	159	1	13	13	-	89	15	29	328	200	-	572													
KENTUCKY	27	9	91	57	-	184	4	66	16	-	87	31	3	357	98	-	489													
LOUISIANA	4	7	37	139	-	187	1	11	13	-	26	161	36	457	344	-	998													
MAINE	1	1	22	29	-	53	1	9	9	-	19	6	1	86	124	-	217													
MARYLAND	10	2	20	192	-	224	-	17	179	-	196	22	13	165	688	-	888													
MASSACHUSETTS	5	64	125	264	-	394	-	160	115	-	333	66	22	1,333	362	-	1,845													
MICHIGAN	6	-	144	241	-	455	-	146	52	-	200	60	40	1,321	638	-	2,059													
MINNESOTA	3	-	112	102	-	217	-	81	51	-	134	8	4	333	176	-	581													
MISSISSIPPI	3	2	58	61	-	124	-	5	27	-	32	50	-	224	326	-	608													
MISSOURI	167	35	111	33	-	336	19	192	35	-	257	124	64	640	209	-	1,037													
MONTANA	3	-	15	29	-	47	-	-	-	-	118	17	2	116	28	-	171													
NEBRASKA	1	1	12	23	-	37	-	1	9	-	10	14	8	120	239	-	375													
NEVADA	22	4	15	5	-	46	3	28	5	-	36	6	1	136	29	-	172													
NEW HAMPSHIRE	1	5	38	-	-	44	-	34	-	-	34	3	6	143	36	-	188													
NEW JERSEY	30	14	84	144	-	272	-	126	145	-	271	4	51	766	517	-	1,338													
NEW MEXICO	2	1	61	30	-	94	-	-	-	-	-	15	4	372	63	-	454													
NEW YORK	14	54	203	374	-	645	1	256	485	-	742	14	6	1,123	1,254	-	2,397													
NORTH CAROLINA	-	-	81	145	-	226	2	54	149	-	210	60	22	301	1,346	-	1,729													
NORTH DAKOTA	-	-	27	13	-	40	5	-	-	-	104	5	1	104	45	-	155													
OHIO	81	45	325	268	-	719	12	219	132	-	364	78	85	1,402	585	-	2,150													
OKLAHOMA	7	-	35	165	-	207	2	60	125	-	187	2	19	207	555	-	783													
OREGON	16	9	40	67	-	132	15	4	36	-	134	4	134	155	224	-	558													
PENNSYLVANIA	10	4	200	200	-	414	2	267	113	-	392	176	65	2,088	508	-	2,815													
RHODE ISLAND	10	2	-	37	-	49	3	12	48	-	64	20	33	184	141	-	348													
SOUTH CAROLINA	4	1	30	82	-	117	-	6	28	-	34	-	1	287	439	-	687													
SOUTH DAKOTA	-	-	3	43	-	46	-	3	-	-	3	-	1	33	137	-	171													
TENNESSEE	49	6	73	153	-	281	6	-	153	-	178	25	46	466	680	-	1,316													
TEXAS	39	20	280	611	-	950	6	343	456	-	807	97	3	2,105	1,669	-	3,674													
UTAH	-	-	30	116	-	146	-	3	10	-	19	-	2	163	92	-	247													
VERMONT	1	3	24	7	-	35	1	7	17	-	63	1	-	63	45	-	109													
VIRGINIA	40	3	61	194	-	298	1	66	103	-	178	25	46	307	628	-	1,006													
WASHINGTON	5	4	81	153	-	243	-	51	146	-	197	15	18	601	627	-	1,261													
WEST VIRGINIA 2/	8	-	13	69	-	90	3	49	14	-	75	7	3	161	43	-	214													
WISCONSIN	13	1	44	66	-	124	11	76	79	-	166	102	32	547	345	-	1,026													
WYOMING	2	-	18	30	-	50	-	2	1	-	3	-	2	56	103	-	161													
TOTAL	782	350	3,766	6,603	-	11,471	100	96	3,379	4,007	7,582	1,723	1,471	26,308	21,956	31	61,489													
PERCENT/SYSTEM	6.6	3.1	32.9	57.4	-	100.0	1.4	1.3	44.6	52.7	100.0	3.4	2.9	60.9	42.7	0.1	100.0													

PAVEMENT CONDITION - URBAN - 1989¹

MILEAGE BY FUNCTIONAL SYSTEM

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

STATE	MINOR ARTERIAL						COLLECTOR					
	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL	PSR < 2.0	PSR 2.0	PSR 2.1-3.4	PSR 3.5-5.0	UNPAVED	TOTAL
ALABAMA	18	68	848	677	-	1,611	104	113	823	676	-	1,716
ALASKA	3	-	77	2	-	82	13	16	71	18	37	155
ARIZONA	52	76	421	462	6	1,017	105	291	655	599	89	1,739
ARKANSAS	30	61	553	319	28	991	43	104	559	247	53	1,006
CALIFORNIA	506	468	4,928	2,373	13	8,288	868	290	4,539	2,017	9	7,723
COLORADO	111	18	694	293	28	1,144	175	14	609	289	61	1,148
CONNECTICUT	11	30	327	580	-	948	21	74	636	1,182	4	1,917
DELAWARE	-	6	105	21	-	132	-	21	113	37	-	171
DIST. OF COL.	7	5	76	64	-	152	8	7	87	54	-	156
FLORIDA	1,059	23	516	818	-	2,416	4,629	11	13	54	64	4,771
GEORGIA	204	23	717	1,163	6	2,113	159	41	736	864	15	1,815
HAWAII	4	10	64	39	-	117	8	14	102	57	-	181
IDAHO	16	5	117	237	-	375	24	13	78	273	5	393
ILLINOIS	-	91	1,867	1,532	47	3,537	-	271	1,692	1,309	26	3,298
INDIANA	70	154	988	1,059	10	2,281	86	192	822	824	29	1,953
IOWA	-	19	45	1,173	51	1,288	-	49	41	822	135	1,047
KANSAS	48	202	370	363	10	993	78	124	325	214	38	779
KENTUCKY	78	21	854	59	-	1,012	209	31	661	6	1	908
LOUISIANA	212	23	395	474	-	1,104	342	33	379	383	-	1,137
MAINE	22	14	120	140	-	296	25	3	177	186	1	392
MARYLAND	11	26	299	619	-	955	33	35	385	720	-	1,173
MASSACHUSETTS	99	18	1,890	412	-	2,419	215	28	2,128	339	15	2,725
MICHIGAN	172	123	1,389	1,960	36	3,680	155	100	1,016	1,448	132	2,851
MINNESOTA	57	35	953	465	7	1,517	225	30	1,011	541	38	1,845
MISSISSIPPI	105	-	266	309	1	681	66	-	303	361	28	758
MISSOURI	160	96	902	465	-	1,623	355	29	802	208	86	1,480
MONTANA	33	24	141	9	4	211	21	15	161	27	4	228
NEBRASKA	26	11	304	186	10	537	5	7	256	128	9	405
NEVADA	27	10	277	26	-	340	24	37	365	5	1	432
NEW HAMPSHIRE	55	15	233	52	-	355	118	11	194	16	-	339
NEW JERSEY	36	437	1,350	1,042	-	2,865	192	140	1,241	334	1	1,908
NEW MEXICO	29	8	276	22	3	338	23	15	261	-	3	302
NEW YORK	-	6	1,206	2,938	-	4,150	-	30	1,277	2,638	-	3,945
NORTH CAROLINA	50	12	551	1,577	2	2,192	273	27	409	650	9	1,368
NORTH DAKOTA	7	4	204	26	23	264	20	4	159	24	21	228
OHIO	80	42	1,983	683	1	2,789	55	259	3,362	448	-	4,124
OKLAHOMA	-	87	676	1,047	51	1,861	-	71	375	725	33	1,204
OREGON	5	52	356	496	2	911	20	100	421	555	3	1,099
PENNSYLVANIA	140	123	2,089	471	11	2,834	457	141	2,005	564	18	3,185
RHODE ISLAND	15	34	131	111	-	291	48	106	246	99	-	499
SOUTH CAROLINA	10	-	501	379	3	893	14	9	700	430	6	1,159
SOUTH DAKOTA	20	13	135	53	21	242	14	8	82	47	11	162
TENNESSEE	4	71	408	480	-	963	74	3	1,024	682	-	1,783
TEXAS	319	42	3,350	1,885	7	5,603	910	39	4,479	1,412	45	6,885
UTAH	1	2	291	134	1	429	3	1	305	166	1	476
VERMONT	-	3	87	37	2	129	-	9	107	62	-	178
VIRGINIA	80	32	501	1,016	-	1,629	34	72	581	716	-	1,403
WASHINGTON	23	16	936	723	9	1,707	22	36	1,155	547	18	1,778
WEST VIRGINIA 2/	20	12	230	65	1	328	59	30	253	58	-	400
WISCONSIN	117	87	911	790	-	1,905	262	75	669	409	13	1,428
WYOMING	-	12	115	73	8	208	7	2	217	62	31	319
TOTAL	4,152	2,770	37,023	30,399	402	74,746	10,601	3,181	39,067	24,532	1,093	78,474
PERCENT/SYSTEM	5.6	3.8	49.4	40.7	0.5	100.0	13.6	4.1	49.6	31.3	1.4	100.0

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

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

MEASURED PAVEMENT ROUGHNESS - RURAL - 1989¹MILEAGE BY FUNCTIONAL SYSTEM²TABLE HM-64
SHEET 1 OF 3
SEPTEMBER 1990MILEAGE AS OF DECEMBER 31, 1989
COMPILED FROM REPORTS OF STATE AUTHORITIES

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 4/								
	INTERSTATE								TOTAL REPORTED
	NOT REPORTED 3/	1-50	51-75	76-100	101-125	126-150	151-200	> 200	
ALABAMA	-	138	132	200	65	38	32	35	640
ALASKA	78	-	1	1	62	291	490	116	961
ARIZONA	-	19	466	350	174	26	4	-	1,039
ARKANSAS	-	-	26	177	102	72	42	-	419
CALIFORNIA	-	13	196	303	533	142	196	33	1,416
COLORADO	-	10	14	218	239	217	87	6	791
CONNECTICUT	1	-	-	16	43	11	31	7	108
DELAWARE	-	-	-	-	-	-	-	-	-
DIST. OF COL. 5/	-	-	-	-	-	-	-	-	-
FLORIDA 5/	-	-	-	-	-	-	-	-	-
GEORGIA	-	188	434	213	38	-	-	-	873
HAWAII	-	-	-	-	-	-	5	-	5
IDAHO	500	-	-	1	4	10	15	-	30
ILLINOIS 5/	-	-	-	-	-	-	-	-	-
INDIANA 5/	-	-	-	-	-	-	-	-	-
IOWA 5/	-	-	-	-	-	-	-	-	-
KANSAS	197	11	163	126	115	48	52	-	515
KENTUCKY	-	21	177	135	111	119	15	1	579
LOUISIANA	653	-	-	-	-	-	-	-	-
MAINE 5/	-	-	-	-	-	-	-	-	-
MARYLAND	24	4	30	36	25	11	23	16	145
MASSACHUSETTS	-	-	23	72	54	18	3	-	170
MICHIGAN	25	32	176	207	192	75	56	2	740
MINNESOTA	-	-	25	48	246	181	142	46	688
MISSISSIPPI	-	-	86	112	117	107	113	25	560
MISSOURI 5/	-	-	-	-	-	-	-	-	-
MONTANA	-	486	319	268	33	22	16	-	1,144
NEBRASKA	-	-	102	168	96	67	11	-	444
NEVADA	-	-	-	40	362	41	56	-	499
NEW HAMPSHIRE	-	-	78	80	12	-	5	6	181
NEW JERSEY	17	-	-	-	53	26	25	5	109
NEW MEXICO	-	402	310	163	28	3	-	-	906
NEW YORK	-	60	259	392	76	24	31	13	855
NORTH CAROLINA	34	-	17	187	125	155	74	28	586
NORTH DAKOTA	-	-	18	123	238	88	62	1	530
OHIO	200	29	216	144	170	54	34	-	647
OKLAHOMA	276	92	153	86	37	56	23	-	447
OREGON	-	29	157	331	66	9	3	-	595
PENNSYLVANIA	-	-	14	193	342	222	270	114	1,155
RHODE ISLAND 5/	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	-	294	269	44	30	36	-	-	673
SOUTH DAKOTA	22	-	8	111	160	239	91	-	609
TENNESSEE	-	505	225	50	1	-	-	-	781
TEXAS 5/	-	-	-	-	-	-	-	-	-
UTAH	-	2	-	10	330	298	138	-	778
VERMONT	-	-	-	247	28	11	-	-	286
VIRGINIA	-	9	339	323	28	21	51	-	771
WASHINGTON	-	-	18	310	99	59	33	-	519
WEST VIRGINIA 5/	-	-	-	-	-	-	-	-	-
WISCONSIN 5/	-	-	-	-	-	-	-	-	-
WYOMING	1	-	61	117	234	250	173	28	863
TOTAL 5/	2,028	2,344	4,512	5,602	4,668	3,047	2,402	482	23,057
PERCENT/SYSTEM REPORTED	-	10.2	19.6	24.3	20.2	13.2	10.4	2.1	100.0

MEASURED PAVEMENT ROUGHNESS - RURAL - 1989
MILEAGE BY FUNCTIONAL SYSTEM²

TABLE HH-84
SHEET 2 OF 3
SEPTEMBER 1990

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

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 4/																	
	OTHER PRINCIPAL ARTERIAL							MINOR ARTERIAL										
	NOT REPORTED 3/	1-50	51-75	76-100	101-125	126-150	151-200	> 200	TOTAL REPORTED	NOT REPORTED 3/	1-50	51-75	76-100	101-125	126-150	151-200	> 200	TOTAL REPORTED
ALABAMA	-	54	273	681	655	218	110	1	1,992	-	24	472	1,043	1,158	619	316	63	3,889
ALASKA	-	-	297	431	162	49	88	3	1,037	180	-	280	133	69	166	281	83	2,226
ARIZONA	-	71	570	658	295	149	62	35	1,840	33	1	976	1,252	737	138	27	2	3,133
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA	-	33	366	829	1,234	265	211	-	2,938	-	56	261	1,677	3,125	577	872	28	6,596
COLORADO	-	-	5	363	781	487	284	3	1,903	-	-	405	199	852	487	199	9	1,952
CONNECTICUT	-	-	-	-	33	107	107	18	226	-	-	-	226	44	69	221	138	1,472
DELAWARE	-	11	-	33	11	49	32	3	153	-	-	82	34	20	2	17	17	182
DIST. OF COL. 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA 5/	-	921	1,519	238	-	3	10	-	2,706	5,876	-	-	-	-	-	7	18	25
GEORGIA	-	-	-	-	-	-	-	-	13	360	-	-	-	-	-	-	-	-
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO	-	1,374	-	36	44	75	92	12	259	956	-	-	2	4	-	64	-	70
ILLINOIS 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS	10	926	981	746	345	131	96	5	3,240	23	1,103	1,955	1,020	717	175	57	13	4,440
KENTUCKY	-	17	101	470	376	410	159	44	1,577	-	-	40	228	484	422	530	54	1,758
LOUISIANA	769	-	21	32	89	90	63	15	310	798	-	50	100	161	135	205	-	781
MAINE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND	104	-	116	170	31	22	25	27	395	38	-	22	558	384	62	43	36	1,105
MASSACHUSETTS	244	-	799	599	275	274	182	32	2,293	769	-	1,055	1,039	456	516	582	28	3,811
MICHIGAN	69	132	141	1,078	701	875	682	86	3,360	71	195	166	1,202	1,796	985	300	-	5,324
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI	-	-	172	557	339	289	154	68	1,579	-	-	169	1,343	1,040	303	1,108	176	4,139
MISSOURI 5/	-	170	704	618	351	211	48	-	2,102	36	68	713	989	1,024	351	130	-	3,275
MONTANA	152	-	100	507	287	489	638	265	2,718	-	121	124	781	973	685	1,199	330	4,213
NEBRASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	1	-	-	293	257	31	29	-	610	13	-	2	368	454	105	206	29	1,164
NEW HAMPSHIRE	-	9	149	106	34	14	7	-	319	-	21	349	177	49	34	18	16	664
NEW JERSEY	15	424	368	250	157	13	84	-	1,217	37	445	523	455	424	160	139	191	626
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,146
NEW YORK	1,023	30	395	484	355	195	273	55	1,789	-	60	1,031	1,571	606	781	351	226	4,526
SOUTH CAROLINA	1,207	-	99	429	319	172	53	4	1,036	1,530	-	-	142	293	52	30	4	521
NORTH DAKOTA	1,042	25	222	203	81	84	15	-	630	3,178	-	11	-	35	85	-	-	131
OHIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA	1,879	-	-	-	-	-	-	-	-	3,220	-	-	-	-	-	-	-	-
OREGON	-	42	328	529	601	532	222	17	2,271	-	-	149	550	603	667	470	126	2,565
PENNSYLVANIA	-	-	65	519	443	440	405	117	1,787	-	-	221	1,316	996	1,434	1,464	541	5,372
RHODE ISLAND 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	34	1	466	608	273	76	56	3	1,483	149	9	961	1,135	538	395	213	20	3,291
SOUTH DAKOTA	125	408	576	294	666	482	538	136	2,192	73	1,827	1,919	392	391	678	1,352	310	3,314
TENNESSEE	-	-	539	82	15	5	2	-	1,061	-	-	1,874	369	34	7	23	29	4,163
TEXAS 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	9	-	28	174	203	215	53	682	-	-	-	-	290	691	747	135	1,863
VERMONT	-	-	5	59	92	44	66	23	289	-	-	-	86	235	172	175	60	748
VIRGINIA	-	3	358	611	366	62	91	18	1,509	-	-	201	1,241	1,035	665	270	130	3,542
WASHINGTON	6	7	22	821	587	249	104	-	1,790	4	-	487	1,194	627	234	31	31	2,573
WEST VIRGINIA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	14	-	61	195	289	317	142	5	1,009	206	-	28	123	368	365	958	46	1,888
TOTAL 5/	8,056	3,449	9,301	13,165	11,244	6,989	5,350	1,080	50,572	21,747	3,868	11,926	20,735	21,238	13,433	13,734	3,556	87,910
PERCENT/SYSTEM REPORTED	-	6.8	18.4	26.1	22.2	13.8	10.6	2.1	100.0	-	4.4	12.9	23.6	24.2	15.3	15.6	4.0	100.0

MEASURED PAVEMENT ROUGHNESS - URBAN - 1989
MILEAGE BY FUNCTIONAL SYSTEM²

TABLE HR-64
SHEET 5 OF 3
SEPTEMBER 1990

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

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) 4/												OTHER FREEWAYS AND EXPRESSWAYS						TOTAL REPORTED						
	INTERSTATE						NOT REPORTED						1-80	51-75	76-100	101-125	126-150	151-200		> 200					
	NOT REPORTED 3/	1-50	51-75	76-100	101-125	126-150	151-200	> 200	TOTAL REPORTED	2/	3/	4/													
ALABAMA	-	33	65	44	12	11	51	26	242	-	-	-	-	-	-	-	-	-	-	-	-	29			
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103		
ARIZONA	-	-	20	61	16	10	10	8	127	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARKANSAS	10	-	12	42	26	26	7	-	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CALIFORNIA	-	25	65	153	409	183	148	4	987	-	-	-	-	-	-	-	-	-	-	-	-	-	1,263		
COLORADO	-	-	2	31	51	25	33	6	148	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
CONNECTICUT	-	-	7	54	54	42	43	25	225	-	-	-	-	-	-	-	-	-	-	-	-	-	191		
DELAWARE	-	-	1	16	5	4	4	1	41	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
DIST. OF COL. 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA 5/	-	138	126	108	-	-	26	-	372	-	-	-	-	-	-	-	-	-	-	-	-	-	143		
GEORGIA	-	-	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-	-	-	47		
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDaho	64	-	-	-	6	3	2	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KANSAS	39	-	40	43	19	12	6	-	120	-	-	-	-	-	-	-	-	-	-	-	-	-	56		
KENTUCKY	187	-	30	18	49	32	50	-	184	-	-	-	-	-	-	-	-	-	-	-	-	-	97		
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	
MAINE 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND	39	1	43	64	31	27	14	5	185	-	-	-	-	-	-	-	-	-	-	-	-	-	170		
MASSACHUSETTS	-	6	32	136	177	56	20	5	394	-	-	-	-	-	-	-	-	-	-	-	-	-	5		
MICHIGAN	-	35	82	131	137	96	47	10	420	-	-	-	-	-	-	-	-	-	-	-	-	-	195		
MINNESOTA	-	14	97	38	98	31	40	3	217	-	-	-	-	-	-	-	-	-	-	-	-	-	134		
MISSISSIPPI	-	-	1	26	21	38	30	8	124	-	-	-	-	-	-	-	-	-	-	-	-	-	32		
MISSOURI 5/	-	23	5	14	4	-	1	6	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	5	12	9	18	2	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	
NEW HAMPSHIRE	-	-	18	25	-	-	1	1	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	
NEW JERSEY	-	-	-	24	39	-	94	4	236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	226	
NEW MEXICO	36	29	33	-	7	1	-	-	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK	-	3	100	98	103	97	155	89	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	742	
NORTH CAROLINA	24	-	-	37	141	39	48	13	202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	
NORTH DAKOTA	2	-	-	3	11	19	38	1	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
OHIO	167	2	127	148	106	95	59	15	552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	194	
OKLAHOMA	-	6	17	9	7	16	8	-	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON	144	-	20	22	35	31	23	1	132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	
PENNSYLVANIA	-	-	-	58	130	105	94	25	414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	382	
RHODE ISLAND 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA	-	-	48	11	3	2	-	3	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	
SOUTH DAKOTA	11	42	-	-	9	13	19	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
TENNESSEE	2	60	135	52	19	9	4	2	281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH	-	-	-	-	29	40	66	10	146	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT	-	-	-	22	13	-	-	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	
VIRGINIA	-	-	43	66	94	67	16	10	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
WASHINGTON	-	-	5	96	60	55	26	1	243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	
WEST VIRGINIA 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	
WISCONSIN 5/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL 5/	819	385	1,102	1,587	1,796	1,326	1,199	302	7,897	871	63	468	932	1,294	937	882	265	4,841	100.0	-	-	-	-	-	-
PERCENT/SYSTEM REPORTED	-	5.0	14.3	20.6	23.4	17.2	15.6	3.9	100.0	-	1.3	9.7	19.3	26.6	19.4	18.2	5.5	100.0	-	-	-	-	-	-	-

AS EXPANDED FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) SAMPLES.
 1/ DATE OF SURVEY FOR ALL RURAL ARTERIALS AND URBAN INTERSTATE AND OTHER
 FREEWAYS AND EXPRESSWAYS.
 2/ SOME STATES DID NOT REPORT FOR ALL REQUIRED SYSTEMS.
 3/ DATA ARE REPORTED AS THE INTERNATIONAL ROUGHNESS INDEX (IRI) IN INCHES PER
 MILE.
 4/ REFERENCE: WORLD BANK TECHNICAL PAPER NUMBER 45, 1986, LOWER IRI REPRESENTS
 SMOOTHER RIDING ROADWAYS. SEE THE ROADWAY EXTENT, CHARACTERISTICS AND PERFORMANCE
 TEXT AT THE FRONT OF THE MILLAGE TABLES.
 5/ DATA NOT REPORTED OR NOT USABLE FOR ANY SYSTEMS.
 6/ TOTALS ONLY REFLECT THOSE STATES REPORTING USABLE OR PARTIALLY USABLE DATA.

ESTIMATED LANE MILEAGE - 1989
 BY FUNCTIONAL SYSTEM AND NON-INTERSTATE FEDERAL-AID PRIMARY

MILEAGE AS OF DECEMBER 31, 1989
 COMPILED IN COOPERATION WITH STATE AUTHORITIES
 TABLE HM-60
 NON-INTERSTATE FEDERAL-AID PRIMARY
 SEPTEMBER 1990

STATE	FUNCTIONAL SYSTEM											NON-INTERSTATE FEDERAL-AID PRIMARY			TOTAL ESTIMATED NON-INTERSTATE FEDERAL-AID PRIMARY LANE MILEAGE
	RURAL						URBAN					TOTAL ESTIMATED NONLOCAL LANE MILEAGE	RURAL	URBAN	
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	TOTAL	INTERSTATE	OTHER FREIGHTWAYS EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR				
ALABAMA	2,560	5,343	8,148	23,295	13,989	53,335	1,188	-	3,394	3,900	3,704	12,186	13,465	2,843	16,308
ALASKA	2,120	1,110	1,834	3,562	1,643	9,289	185	-	313	184	331	10,262	9,941	716	7,116
ARIZONA	4,166	2,205	4,624	7,681	6,275	24,951	625	172	3,591	2,959	3,716	36,073	6,828	311	11,418
ARKANSAS	1,689	4,297	6,366	24,776	12,693	49,821	576	387	1,786	2,142	2,019	6,910	9,939	1,479	11,418
CALIFORNIA	6,584	8,354	19,761	26,242	19,791	74,732	7,225	6,822	22,051	23,128	16,969	150,927	22,079	7,277	29,356
COLORADO	3,204	4,088	4,088	23,490	13,490	49,889	736	621	3,495	2,440	10,144	60,033	6,543	1,595	10,539
CONNECTICUT	481	650	950	1,920	2,275	6,276	1,312	769	1,640	2,047	3,934	16,178	1,600	1,856	3,456
DELAWARE	-	547	449	1,223	307	2,526	2,424	3	1,469	3,445	358	1,417	996	357	1,353
DIST. OF COL.	4,144	7,778	7,547	9,389	10,420	39,272	71	111	437	421	331	1,371	-	740	740
FLORIDA	3,745	6,844	12,164	28,108	14,565	65,446	2,306	625	7,991	7,777	10,684	29,750	14,133	8,556	22,789
GEORGIA	28	35	790	908	227	1,988	218	247	4,626	5,119	3,860	16,536	19,028	4,597	24,025
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	807	471	1,278
IDAHO	2,067	3,491	2,085	9,919	7,729	25,291	306	2	595	844	789	2,546	5,576	193	5,769
ILLINOIS	5,730	15,929	17,353	28,700	20,862	88,485	2,767	401	6,702	9,533	7,327	26,730	16,822	6,085	22,907
INDIANA	9,472	3,188	7,323	29,718	17,716	58,568	1,509	446	4,077	5,136	3,979	10,441	17,094	2,479	12,920
IOWA	2,615	7,027	10,067	27,216	32,868	78,984	809	-	2,923	3,137	2,539	8,998	17,094	2,266	19,360
KANSAS	2,862	7,169	3,085	45,445	18,675	83,236	752	357	1,544	2,169	1,601	6,423	16,254	1,112	17,366
KENTUCKY	2,380	4,680	3,659	14,789	18,544	44,032	916	333	1,544	2,388	2,098	6,379	8,336	1,539	9,877
LOUISIANA	2,632	2,684	3,596	14,821	8,632	32,365	926	269	3,002	3,656	2,786	12,529	9,223	1,731	7,954
MAINE	1,277	1,496	2,215	6,550	4,510	16,058	214	75	528	606	788	2,209	3,701	468	4,169
MARYLAND	815	1,923	2,449	3,859	3,792	12,838	1,396	823	3,321	2,442	2,584	10,546	4,368	2,272	6,640
MASSACHUSETTS	828	677	1,633	4,058	3,750	10,946	2,313	1,123	4,392	4,992	5,442	18,262	2,310	3,303	5,619
MICHIGAN	3,259	5,810	8,079	34,569	15,084	66,821	2,557	899	7,490	9,404	6,037	26,447	13,662	3,525	17,987
MINNESOTA	2,780	8,208	10,784	33,326	23,743	78,841	1,109	569	1,694	3,987	4,074	11,633	18,992	2,067	21,059
MISSISSIPPI	2,240	4,379	9,428	23,517	5,854	44,418	531	128	1,981	1,571	1,586	50,271	12,238	1,193	15,431
MISSOURI	3,381	6,642	7,450	36,271	10,860	64,604	1,895	1,223	3,284	4,068	3,032	13,241	14,092	1,699	13,991
MONTANA	1,576	4,321	6,661	13,333	18,396	47,287	188	-	523	471	460	48,929	10,863	332	11,195
NEBRASKA	1,776	5,645	8,472	22,903	18,465	57,267	169	37	1,228	1,260	842	3,536	14,117	849	14,966
NEVADA	1,996	1,396	2,369	4,695	4,913	15,359	223	120	705	1,016	1,038	3,102	3,765	261	4,026
NEW HAMPSHIRE	752	1,365	2,476	2,450	2,450	7,782	201	130	446	752	677	2,206	2,024	430	2,454
NEW JERSEY	875	1,594	3,627	2,487	2,487	9,349	1,771	1,281	4,369	6,103	3,870	17,384	2,053	2,587	4,640
NEW MEXICO	3,642	2,950	4,571	11,118	4,530	25,211	414	-	1,811	949	672	3,848	7,506	900	8,406
NEW YORK	3,557	4,938	9,720	12,594	21,598	52,938	3,348	3,375	7,709	9,563	8,057	32,452	14,559	7,178	21,737
NORTH CAROLINA	2,546	5,429	4,560	19,329	14,814	48,809	1,012	825	5,280	4,862	2,735	14,714	9,478	2,496	11,979
NORTH DAKOTA	2,120	3,138	6,397	22,214	14,942	38,959	1,871	1,817	6,484	7,040	9,385	1,681	11,506	432	11,938
OHIO	3,447	4,993	7,055	23,356	14,376	58,267	3,667	-	6,484	7,040	9,385	28,084	12,048	5,307	17,356
OKLAHOMA	2,892	4,938	6,842	43,017	6,174	63,963	989	819	2,537	4,480	2,575	11,400	10,871	1,535	12,406
OREGON	2,428	5,115	5,313	19,329	14,624	46,809	630	225	1,717	4,480	2,742	16,978	10,428	1,845	11,979
PENNSYLVANIA	4,632	5,910	12,605	16,167	16,817	55,931	1,871	1,527	8,424	6,389	6,482	29,206	17,315	1,845	24,334
RHODE ISLAND	84	204	216	1,426	306	1,236	301	217	874	670	1,000	3,182	4,368	903	1,507
SOUTH CAROLINA	2,705	4,155	7,565	17,241	8,012	39,678	542	138	2,466	2,370	2,449	7,985	11,699	2,585	14,284
SOUTH DAKOTA	2,524	5,163	6,891	22,920	13,716	51,214	184	14	570	514	376	1,608	12,054	795	12,849
TENNESSEE	3,284	2,731	8,905	11,001	42,046	47,310	1,366	-	4,603	2,611	3,851	12,431	59,561	3,175	14,802
TEXAS	1,168	22,423	15,352	71,307	37,100	161,150	5,253	3,781	14,357	15,764	15,034	54,139	37,565	7,729	45,314
UTAH	3,081	1,554	3,818	6,124	8,568	23,135	812	51	874	1,206	1,054	3,997	5,298	362	5,660
VERMONT	1,144	664	1,508	3,833	1,971	9,120	140	44	251	356	356	1,062	2,167	207	2,370
VIRGINIA	3,284	5,534	7,506	20,919	4,803	42,046	1,591	672	3,499	4,164	3,070	12,933	9,608	2,302	14,910
WASHINGTON	2,299	3,895	5,267	14,871	19,355	39,677	1,375	754	3,687	4,329	3,746	14,091	12,145	2,145	11,285
WEST VIRGINIA 2/ WISCONSIN	1,742	1,405	3,624	12,743	4,341	23,856	376	201	537	673	832	2,618	5,030	573	5,603
WYOMING	3,456	2,076	10,330	27,393	14,875	60,425	599	726	3,198	4,669	2,966	12,098	17,937	3,076	21,015
TOTAL	134,989	205,818	308,266	880,650	586,998	2,116,701	61,854	33,739	170,977	188,218	167,699	622,487	2,799,188	508,141	624,871

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

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

1
HIGHWAY BRIDGES GREATER THAN OR EQUAL TO 20 FEET - 1989
COUNT BY FUNCTIONAL SYSTEM

TABLE HM-65
SEPTEMBER 1990

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

STATE	RURAL											URBAN							TOTAL	UN-CLASSIFIED 3/	TOTAL BRIDGES
	INTERSTATE 2/	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE 2/	OTHER FREWAYS EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL							
															UN-CLASSIFIED 3/						
ALABAMA	571	887	1,445	3,058	2,777	4,570	13,308	537	5	557	267	154	599	2,119	10	15,437					
ALASKA	129	90	39	772	68	968	1,584	21	2	46	17	2	28	116	1	801					
ARIZONA	1,505	645	877	1,712	285	4,392	4,445	165	43	345	121	230	201	1,205	105	5,755					
ARKANSAS	365	947	1,272	3,831	1,203	4,092	11,710	222	130	269	279	154	201	1,275	-	12,985					
CALIFORNIA	1,723	2,487	2,286	5,095	937	1,155	13,683	1,815	1,582	1,225	2,519	26	1,424	8,685	154	22,422					
COLORADO	999	540	448	234	123	3,577	5,877	306	192	384	324	146	283	1,635	1	7,513					
CONNECTICUT	124	166	134	243	179	3,495	1,341	673	470	280	272	289	233	2,217	286	3,844					
DELAWARE	-	49	32	85	25	201	392	91	-	104	56	61	34	346	-	738					
DIST. OF COL.	-	-	-	-	-	-	-	70	28	92	23	11	13	237	-	337					
FLORIDA	705	1,189	892	633	638	1,820	5,877	913	358	1,156	521	379	1,131	4,466	1	10,336					
GEORGIA	618	800	1,674	2,880	797	4,831	11,600	516	106	578	509	405	481	2,894	1	14,205					
IDAHO	345	266	166	700	197	1,631	3,305	87	1	73	69	53	131	414	-	3,719					
ILLINOIS	1,047	1,042	1,031	2,883	2,128	12,900	21,281	1,037	105	847	89	67	4,288	3,130	3	25,572					
INDIANA	1,010	1,408	870	3,631	2,428	14,395	14,395	813	249	506	1,502	464	596	3,130	44	17,525					
IOWA	430	1,011	1,343	3,255	4,160	14,016	24,215	282	-	313	353	172	286	1,477	-	25,692					
KANSAS	605	1,409	1,409	6,494	1,984	12,088	23,889	396	179	393	134	144	334	1,640	3	25,832					
KENTUCKY	425	922	493	2,707	2,885	4,598	11,825	398	64	192	204	130	71	989	625	14,023					
KYENTUCKY	179	144	193	502	1,223	5,927	2,188	478	17	84	82	68	46	1,535	8	2,686					
MAINE	226	215	341	534	319	922	2,827	457	232	365	309	224	291	1,878	99	4,604					
MASSACHUSETTS	290	1,500	689	2,316	502	3,087	7,446	732	431	533	456	301	488	2,939	115	4,975					
MICHIGAN	410	1,500	689	2,316	502	3,087	7,446	732	431	533	456	301	488	2,939	115	4,975					
MINNESOTA	289	824	947	2,073	1,420	5,885	11,118	404	68	638	584	561	426	3,183	5	10,634					
MISSISSIPPI	560	981	1,266	7,060	949	5,103	15,919	197	24	220	141	78	423	1,083	11	17,013					
MISSOURI	503	865	1,318	4,729	867	13,002	20,734	593	13	426	184	387	273	1,866	815	23,415					
MONTANA	740	439	604	476	476	1,536	4,516	73	-	54	14	14	19	190	14	4,706					
NEBRASKA	231	729	1,286	2,339	1,243	9,253	15,081	108	39	162	149	61	82	601	-	15,682					
NEVADA	309	153	37	106	210	1,377	761	116	30	108	17	17	38	326	2	1,087					
NEW HAMPSHIRE	266	152	190	292	210	1,014	2,124	103	60	75	88	53	65	365	4	2,570					
NEW JERSEY	155	384	411	293	221	836	2,182	739	519	747	679	590	580	3,854	-	6,036					
NEW MEXICO	707	667	411	283	335	471	2,874	232	30	96	51	70	96	574	-	3,448					
NEW YORK	659	805	1,170	1,591	1,931	5,270	11,426	1,181	823	1,110	1,154	663	860	5,891	7	17,324					
NORTH CAROLINA	458	757	430	2,288	1,894	7,445	13,272	352	304	692	576	173	838	2,866	163	16,301					
NORTH DAKOTA	313	180	423	2,766	448	2,894	5,044	76	6	81	99	18	19	190	-	5,217					
OHIO	980	1,074	1,171	4,342	3,667	12,034	23,268	1,250	676	861	989	1,078	1,090	5,954	-	29,222					
OKLAHOMA	685	1,012	1,443	6,715	1,600	10,515	20,827	510	344	293	326	288	168	1,929	293	22,752					
OREGON	490	705	847	1,273	1,859	4,504	8,538	276	193	176	98	223	49	1,015	4	6,597					
PENNSYLVANIA	1,164	1,040	2,147	2,323	2,172	7,512	16,143	821	517	1,481	961	633	1,182	5,575	182	22,670					
RHODE ISLAND	18	17	13	27	24	44	168	128	7	134	116	61	48	554	1	698					
SOUTH CAROLINA	437	476	818	1,868	893	3,452	7,944	172	42	236	257	107	159	973	-	8,917					
SOUTH DAKOTA	368	271	508	1,218	181	1,163	6,520	69	3	76	36	24	249	249	-	6,769					
TENNESSEE	916	1,273	803	3,475	1,809	6,865	15,402	592	2	492	152	486	1,493	3,209	-	18,611					
TEXAS	2,793	4,273	2,685	8,473	4,065	10,678	32,957	2,342	1,588	2,093	1,606	992	1,372	9,999	2,065	45,025					
UTAH	446	150	202	282	120	676	1,856	319	6	86	65	41	231	748	-	2,604					
VERMONT	275	93	271	518	181	1,163	2,501	68	11	22	32	39	20	162	-	2,663					
VIRGINIA	623	565	965	2,516	596	4,797	10,333	346	134	395	615	225	380	2,395	2	12,736					
WASHINGTON	346	561	486	1,185	810	1,790	5,168	529	8	597	230	150	146	1,660	128	6,586					
WEST VIRGINIA	404	167	472	1,665	476	2,581	5,765	230	85	91	109	94	70	678	9	6,453					
WISCONSIN	559	879	1,052	2,058	723	5,349	10,630	440	339	560	472	136	423	2,369	-	12,998					
WYOMING	862	180	292	345	64	630	2,573	93	-	46	51	36	29	284	-	2,827					
TOTAL	28,989	33,320	40,557	103,948	49,683	210,759	467,456	23,483	10,403	21,133	18,391	11,703	19,446	104,559	5,281	577,236					
PERCENT - TOTAL	5.1	5.8	7.1	18.1	8.7	36.2	81.0	4.0	1.8	3.7	3.2	2.0	3.4	18.1	0.9	100.0					

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

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1989
IN RURAL AREAS
BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HH-67
SHEET 1 OF 3
SEPTEMBER 1990

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

Table with 18 columns: STATE, PAVED SURFACE BY VOLUME GROUP (Less than 50, 50-199, 200-499, 500 and over, Total), GRAVEL/SOIL SURFACE BY VOLUME GROUP (Less than 50, 50-199, 200-499, 500 and over, Total), UNIMPROVED SURFACE BY VOLUME GROUP (Less than 50, 50-199, 200-499, 500 and over, Total), and TOTAL. Rows include states like ALABAMA, ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, CONNECTICUT, DELAWARE, DIST. OF COL., FLORIDA, GEORGIA, HAWAII, IDAHO, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MAINE, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, MONTANA, NEBRASKA, NEVADA, NEW HAMPSHIRE, NEW JERSEY, NEW MEXICO, NEW YORK, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, RHODE ISLAND, SOUTH CAROLINA, SOUTH DAKOTA, TENNESSEE, TEXAS, UTAH, VERMONT, VIRGINIA, WASHINGTON, WEST VIRGINIA, WISCONSIN, WYOMING, and a TOTAL row.

LOCAL FUNCTIONAL SYSTEM MILEAGE - 1989
 IN SMALL URBAN AREAS (5,000 - 49,999 POPULATION)
 BY SURFACE TYPE AND AVERAGE DAILY TRAFFIC VOLUME

TABLE HM-67
 SHEET 2 OF 3
 SEPTEMBER 1990

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

STATE	PAVED SURFACE BY VOLUME GROUP					GRAVEL/SOIL SURFACE BY VOLUME GROUP					UNIMPROVED SURFACE BY VOLUME GROUP					TOTAL
	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	LESS THAN 200	200-499	500-1,999	2,000 AND OVER	TOTAL	
ALABAMA	191	949	1,103	173	2,416	162	41	66		203	7				2,626	
ALASKA	11	177	64	5	257	81	172	257		319					2,240	
ARIZONA	275	275	425	725	1,700	285	90			375	155				2,416	
ARKANSAS	1,071	567	313	39	1,990	367	31			407	19				2,416	
CALIFORNIA	1,476	2,657	1,476	295	5,904	262	144	22	9	437	128				6,512	
COLORADO	150	307	90	62	559	30	50	25	14	119	8				1,031	
CONNECTICUT	61	86	17	3	246	2				6					281	
DELAWARE		136			143	1				1					144	
DIST. OF COL.																
FLORIDA 1/	870	1,044	1,127	2,412	5,453	418	121	10	195	744	5				6,197	
GEORGIA	37	283	214	3,114	3,930					86					4,143	
HAWAII		86	88	44	236					236					236	
IDAHO	310	403	76		789	65				188	11				865	
ILLINOIS	1,374	1,374	1,137	83	3,754	188				188					3,942	
INDIANA	354	607	1,901	159	3,167	13				133	3				3,333	
IOWA	354	607	1,901	73	1,950	146				271	49				2,339	
KANSAS	760	741	774	124	2,399	284				353					2,756	
KENTUCKY	1,038	559	268	40	1,925	80				82	1				2,008	
LOUISIANA	2,110	29	43	15	2,197	337				351	9				2,557	
MAINE	189	182	139	14	524	17				21					545	
MARYLAND	244	327	169	37	777					16	3				786	
MASSACHUSETTS	24	638	485		1,147	5				146					1,307	
MICHIGAN	1,100	702	470	74	2,346	329				419					2,765	
MINNESOTA	25	79	1,638	45	1,787	55				584					2,376	
MISSISSIPPI	5	9	2,302	23	2,339	1				172					2,515	
MISSOURI	1,712	629	34	16	2,391	66				66	20				2,477	
MONTANA	45	213	358	27	643	123				143	3				789	
NEBRASKA	466	480	255	20	1,221	166				220	2				1,444	
NEVADA			294		294	11				28					302	
NEW HAMPSHIRE	153	239	71	19	482	16				18					500	
NEW JERSEY	129	155	206	26	516	24				59					583	
NEW MEXICO	657	522	349		1,528	134				276	101				2,109	
NEW YORK	741	993	700		2,434	17				77					2,538	
NORTH CAROLINA	2,061	819	957	290	4,127	93				96					4,262	
NORTH DAKOTA	1	21	379	8	409	60				114					4,262	
OHIO	112	409	738	1,943	3,202	12				331					3,550	
OKLAHOMA 2/	1,086	775	644	97	2,602	365				426					3,098	
OREGON	445	540	408	360	2,353	231				211	69				1,673	
PENNSYLVANIA	462	616	721	30	2,359	230				257					2,616	
RHODE ISLAND	122	41	54		247	11				223					274	
SOUTH CAROLINA	99	218	249	61	1,527	1				1					1,690	
SOUTH DAKOTA	108	108	277	9	1,463	8				11					1,604	
TENNESSEE	1,163	952	505	136	2,746	93				116					3,094	
TEXAS	40	2,139	7,021	111	9,211	44				3,215	31				13,591	
UTAH	56	89	365	86	596	11				72					677	
VERMONT		140	134	55	329	55				65					394	
VIRGINIA	162	197	860	64	1,283	10				8					1,291	
WASHINGTON	681	403	226	43	1,353	50				61					1,420	
WEST VIRGINIA	997	182	110	62	751	61				67					822	
WISCONSIN	941	1,031	199	39	2,210	82				150					2,360	
WYOMING	217	166	56	4	463	124				135					607	
TOTAL	24,979	5,237	1,556	1,010	92,782	5,200				11,744	961				107,461	
PERCENT - TYPE	26.9	27.2	34.0	11.9	100.0	44.2				100.0	32.7				100.0	
PERCENT - TOTAL	23.3	23.5	29.3	10.3	86.4	4.8				10.9	0.9				100.0	

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

TABLE HM-67
SHEET 3 OF 3
SEPTEMBER 1990

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

Table with columns for STATE, PAVED SURFACE BY VOLUME GROUP (LESS THAN 200, 200-499, 500-1,999, 2,000 AND OVER), GRAVEL/SOIL SURFACE BY VOLUME GROUP (LESS THAN 200, 200-499, 500-1,999, 2,000 AND OVER), UNIMPROVED SURFACE BY VOLUME GROUP (LESS THAN 200, 200-499, 500-1,999, 2,000 AND OVER), and TOTAL. Rows list states from ALABAMA to WYOMING, followed by TOTAL, PERCENT - TYPE, and PERCENT - TOTAL.

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

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

TABLE HH-71
 SHEET 1 OF 2
 SEPTEMBER 1990

FEDERAL-ROAD URBANIZED AREA 2/ STATE	STATE LOCATION			MILEAGE									DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS)								TOTAL		
	PRI- MARY	(OTHERS)	IN	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREEWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL							
																	NY	PA	MI	OH		IN	IL
NEW YORK-NORTHEASTERN NJ			NJ	426	613	2,009	3,983	3,414	24,735	35,190	41,432	39,485	80,827	43,659	14,548	35,562	225,513						
LOS ANGELES-LONG BEACH-POMONA-ONTARIO			CA	349	246	2,906	2,766	2,792	19,319	27,346	68,191	39,487	83,932	43,732	10,310	13,912	244,964						
CHICAGO-NORTHWESTERN IN			IL	350	160	1,003	1,159	1,955	14,022	19,319	31,455	27,943	29,120	13,525	14,577	119,641							
PHILADELPHIA			PA	207	171	944	1,502	1,313	7,285	10,687	11,473	6,808	21,143	12,128	8,631	65,625							
DETROIT			MI	227	171	944	1,502	1,313	7,285	10,687	11,473	6,808	21,143	12,128	8,631	77,052							
SAN FRANCISCO-OAKLAND			CA	138	145	520	1,081	945	6,060	8,949	25,891	16,091	17,712	13,080	4,070	79,778							
WASHINGTON			WA	163	124	557	840	800	5,968	8,924	20,091	13,976	19,712	19,080	4,293	62,990							
DALLAS-FORT WORTH			TX	273	163	549	1,149	2,124	14,684	18,942	21,450	11,822	9,526	6,568	17,402	82,978							
OSTON			MA	142	115	592	996	1,244	7,582	10,524	16,500	10,926	12,760	6,321	11,416	57,650							
HOUSTON			TX	140	173	397	1,018	933	4,329	6,506	18,504	11,990	16,812	4,693	16,446	72,630							
SAN DIEGO			CA	128	91	243	763	568	3,730	5,534	19,976	6,782	10,569	3,164	3,078	50,286							
MINNEAPOLIS-ST. PAUL			MN	136	101	133	901	1,188	4,416	8,924	11,877	4,985	3,406	5,553	4,691	41,270							
ST. LOUIS			MO	214	155	526	680	798	4,877	7,112	17,005	1,712	5,862	3,178	4,793	44,889							
PHOENIX			AZ	120	115	406	509	583	4,178	5,911	10,926	4,256	6,603	2,519	2,324	34,952							
PHOENIX			AZ	56	29	734	522	988	6,248	8,557	5,146	1,908	4,330	1,852	7,408	37,354							
ATLANTA			GA	221	43	431	788	670	6,802	8,765	22,249	2,345	10,123	4,592	24,712	73,773							
MIAMI			FL	29	79	177	359	423	4,541	5,527	13,852	1,568	7,547	3,032	5,825	31,661							
CLEVELAND			OH	177	45	367	583	824	4,840	7,450	5,529	1,568	5,784	6,601	3,370	31,162							
PITTSBURGH			PA	146	67	270	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
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SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
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SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
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SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
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SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486	40,778							
SEATTLE-EVERETT			WA	107	87	443	587	741	4,759	6,688	12,985	3,352	7,127	3,756	4,486								

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

TABLE HM-71
 SHEET 2 OF 2
 SEPTEMBER 1990

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

FEDERAL-OLD URBANIZED AREA 2/ STATE	STATE LOCATION		MILEAGE											DAILY VEHICLE-MILES OF TRAVEL (THOUSANDS)							TOTAL
	PRI- MARY	OTHER(S)	INTERSTATE	OTHER FREWAYS EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FREWAYS EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL					
BRIDGEPORT	CT		19	40	54	180	237	1,167	1,697	2,219	1,743	779	1,803	1,066	496	7,896					
TUCSON	AZ		29	-	141	150	237	1,086	1,564	1,140	-	2,974	2,089	1,357	1,192	8,732					
SCRANTON-HILKES-BARRE	PA		33	23	155	165	126	1,248	1,732	1,169	323	2,287	973	457	665	5,677					
ALEXANDRIA-BETHLEHEM-EASTON	PA	NJ	22	29	151	120	140	1,366	1,845	1,426	1,320	2,482	880	560	881	6,624					
NEW HAVEN	CT		34	27	97	131	239	1,819	2,501	2,777	970	1,486	1,038	578	1,229	8,078					
GRAND RAPIDS	MI		41	16	129	291	136	1,030	1,643	1,556	977	2,402	2,258	455	690	8,338					
SARASOTA-BRDENTON	FL		10	-	75	100	283	1,426	1,894	2,245	-	1,936	1,843	2,139	7,159						
NEWPORT NEWS-HAMPTON	VA		15	9	127	161	104	960	1,398	2,172	192	2,329	1,922	1,352	2,159	8,358					
CHARLESTON	SC		26	36	105	78	163	1,363	1,871	1,577	127	2,923	1,183	872	2,294	9,359					
YOUNGSTOWN-HARRIS	OH		36	-	96	174	237	1,826	2,514	1,144	733	1,422	1,115	475	1,653	6,778					
LAS VEGAS	NV		22	26	102	167	187	1,289	1,793	1,523	520	2,942	2,492	1,174	992	9,633					
FLINT	MI		56	3	174	257	167	1,245	1,793	2,245	105	1,812	2,546	843	714	8,265					
JACKSON	MS		54	27	74	181	117	1,423	1,920	1,740	119	1,980	1,806	444	722	6,614					
STARCUSE	NY		58	23	175	222	191	1,366	1,837	2,859	501	1,182	1,806	444	722	6,614					
RECES	NY		34	-	132	190	111	1,644	2,186	1,856	581	2,344	786	660	7,460						
BAYON ROUGE	LA		40	-	155	186	155	1,177	1,644	1,856	-	2,026	1,816	332	2,570	8,600					
COLUMBIA	SC		47	9	80	150	195	1,183	1,664	2,260	222	1,715	1,875	585	334	6,992					
CHATTANOOGA	TN		48	-	107	186	252	1,386	1,957	1,508	-	2,320	1,870	798	34	7,817					
INDIANAPOLIS	IN		48	24	179	199	101	1,108	1,557	1,014	608	1,352	1,990	339	1,734	7,974					
KNOXVILLE	TN		48	-	15	82	107	1,069	1,414	2,708	-	2,822	1,944	488	967	7,924					
MOBILE	AL		40	-	89	126	155	1,300	1,690	1,609	-	1,269	1,329	790	1,531	6,568					
BAKERSFIELD	CA		59	33	113	137	86	726	1,091	1,093	1,411	1,809	1,005	329	561	5,109					
JACKSON	MS		22	10	147	177	110	1,162	1,577	1,983	-	1,980	816	1,000	6,007						
COLUMBIA	SC		31	28	114	152	107	1,162	1,577	1,983	-	1,980	816	1,000	6,007						
ROCKFORD	IL		57	18	148	202	158	1,021	1,560	1,296	215	2,029	1,281	385	1,335	6,067					
LITTLE ROCK-NORTH LITTLE ROCK	AR		57	18	82	202	158	1,155	1,672	2,512	688	1,838	1,096	404	766	6,046					
MELBOURNE-COCA	FL		16	16	126	76	165	1,362	1,757	2,77	340	2,983	954	588	2,942	7,295					
RALEIGH	NC		35	28	115	185	88	914	1,293	642	1,230	1,885	1,806	299	1,542	7,295					
HARRISBURG	PA		29	13	124	160	160	855	1,332	1,572	659	2,059	998	400	1,753	7,489					
TRENTON	NJ		29	17	185	798	185	1,215	1,514	1,514	360	1,905	1,573	430	1,723	7,365					
SPRINGFIELD	MA		38	17	205	187	108	1,119	1,632	864	54	2,402	761	220	1,530	4,921					
DENVER-ROCK ISLAND-HOLINE	CO		56	7	141	179	194	909	1,496	921	60	1,621	1,236	542	570	4,950					
PEORIA	IL		17	17	66	146	116	1,496	1,991	1,067	894	1,451	1,067	346	2,025	6,372					
PENNSACOLA	FL		18	3	52	66	91	1,265	1,561	592	17	1,376	1,300	693	1,894	5,852					
LANSING	MI		31	7	76	129	94	688	1,026	1,174	216	1,976	1,096	374	253	4,560					
DES MOINES	IA		38	-	127	197	133	881	1,374	1,523	-	1,726	1,073	333	583	6,244					
SHREVEPORT	LA		28	-	101	118	125	851	1,233	977	-	1,534	1,151	494	1,861	6,016					
LOVELL	CO		15	22	81	141	126	848	1,233	703	91	1,950	1,309	390	1,561	5,780					
STOCKTON	CA		15	8	52	117	155	634	1,004	1,240	1,351	802	857	501	1,029	4,107					
GREENVILLE	SC		28	2	77	107	192	661	877	946	42	1,253	527	511	1,524	4,107					
LAURENCE-HAVERHILL	MA		35	4	85	129	170	645	1,068	2,767	163	1,171	1,061	476	633	6,271					
CANNON	OH		12	22	68	114	153	1,039	1,408	817	436	807	818	399	1,054	4,123					
GODIN	OH		26	-	45	75	106	761	1,013	947	-	945	816	340	721	3,639					
FORT WAYNE	IN		11	2	60	146	96	758	1,073	369	49	1,98	1,595	405	448	4,413					
HOOVER	CA		-	15	45	42	50	558	710	-	810	1,074	1,378	274	448	3,154					
FAYETTEVILLE	NC		-	14	60	128	61	887	1,150	-	292	1,118	1,195	236	1,225	4,066					
DAYTONA BEACH	FL		15	10	93	139	134	870	1,146	448	410	2,078	623	548	1,305	5,002					
SOUTH BEND	IN		10	14	59	89	78	947	1,283	186	201	1,199	780	268	970	3,604					
HADLISON	MI		7	28	42	61	55	957	1,283	210	961	787	826	366	965	4,085					
SHANNON	DR		33	1	77	77	168	507	872	980	29	1,337	932	233	1,252	4,633					
LABON-ELYRIA	OH		33	22	60	120	193	497	1,040	1,084	410	944	697	369	587	3,971					
SANCTUARY	AK		42	27	68	30	78	842	1,060	1,083	-	1,808	263	211	605	3,420					
COLUMBUS	OH		12	10	39	68	83	818	1,119	1,083	447	1,808	637	337	1,385	4,274					
HONTGOMERY	OH		15	14	71	117	131	758	1,092	699	669	1,391	996	581	962	4,212					
LEXINGTON-FAYETTE	KY		14	-	36	86	65	334	649	568	-	1,391	1,173	581	368	4,114					
FORT MYERS	FL		9	25	28	68	164	1,093	1,364	243	15	789	1,248	755	1,640	4,690					
ACALLEN-PHARR-EDINBURG	TX		-	9	45	148	82	947	1,180	-	867	781	651	423	810	3,430					
ROCKFORD	IL		18	12	57	99	63	578	1,072	250	144	748	1,615	378	485	3,620					
PROVO-OREM	UT		12	10	45	49	59	519	793	862	-	793	361	261	552	2,839					
LORAIN-KOH	IL		26	31	78	87	131	635	986	350	-	451	757	432	3,939						
BLOOMINGTON	IN		14	-	63	87	136	813	1,113	353	-	1,220	471	369	3,145						

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

SELECTED CHARACTERISTICS - 1989 OF URBANIZED AREAS WITH A POPULATION OF 200,000 OR MORE

TABLE HM-72 SHEET OF 72 SEPTEMBER, 1990

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

Table with columns: STATE LOCATION, FEDERAL-AID URBANIZED AREA 2/ PRI-OTHER(S), HARY, TOTAL ROADWAY MILEAGE, TOTAL DWMT 3/ (1,000), ESTIMATED POPULATION (1,000), NET LAND AREA (\$0. MILLES), PERSONS PER SOURCE MILE, MILES OF ROADWAY PER 1,000 PERSONS, DWMT 3/ CAPITA, TOTAL MILES OF FREEWAYS, TOTAL FREEMT 3/, % OF TOTAL MILEAGE AS FREEWAYS, % OF DWMT 3/ BY FREEWAYS, ANNUAL AVERAGE DAILY TRAFFIC ON FREEWAYS, TOTAL ESTIMATED FREEWAY LANE MILEAGE, AVERAGE DAILY TRAFFIC PER FREEMT LANE.

SELECTED CHARACTERISTICS - 1989
OF URBANIZED AREAS WITH A POPULATION OF 200,000 OR MORE

TABLE HM-72
SHEET 2 OF 2
SEPTEMBER 1990

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

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

1/ DATA REPORTED BY EACH STATE VIA THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS)
AREAWIDE DATA.
2/ A FEDERAL-AID "URBANIZED AREA" IS AN AREA WITH 50,000 OR MORE PERSONS, THAT AT A
MINIMUM, ENCOMPASSES THE LAND AREA DELINEATED BY THE BUREAU OF THE CENSUS.
3/ "DVMT" STANDS FOR "DAILY VEHICLES-MILES OF TRAVEL"
4/ LANE MILEAGE ESTIMATED BY FHWA FROM BASE HPMS UNIVERSE DATA.

ANNUAL VEHICLE-MILES OF TRAVEL AND RELATED DATA - 1989¹
 BY HIGHWAY CATEGORY AND VEHICLE TYPE

TABLE VM-1
 OCTOBER 1990

YEAR	ITEM	PASSENGER VEHICLES						ALL PASSENGER VEHICLES	TRUCKS				ALL MOTOR VEHICLES
		PERSONAL PASSENGER VEHICLES			BUSES	SINGLE-UNIT			COMBINATION	ALL TRUCKS			
		PASSENGER CARS ^{2/}	MOTORCYCLES ^{2/}	ALL PERSONAL PASSENGER VEHICLES		2-AXLE 4-TIRE	OTHER				ALL SINGLE-UNIT		
1989	MOTOR-VEHICLE TRAVEL ¹	-	-	122,963	529	123,492	32,046	5,825	37,871	29,757	57,628	191,120	
1988	INTERSTATE RURAL	-	-	116,098	509	116,607	31,061	5,479	36,534	28,174	64,708	181,315	
1989	OTHER ARTERIAL RURAL	-	-	214,375	928	215,303	76,218	10,879	87,097	20,219	107,316	322,619	
1988	OTHER RURAL	-	-	204,903	892	205,795	75,623	10,639	86,262	19,936	106,198	311,993	
1989	ALL RURAL	-	-	214,900	1,768	216,668	95,320	12,564	107,884	10,592	118,476	335,144	
1988	ALL RURAL	-	-	206,060	1,700	207,760	94,576	11,944	106,520	9,946	116,466	324,226	
1989	INTERSTATE URBAN	-	-	203,089	485	203,574	43,685	6,227	49,912	17,165	67,076	270,652	
1988	OTHER URBAN	-	-	198,966	466	199,434	40,649	5,867	46,516	15,745	62,261	256,695	
1989	ALL URBAN ^{3/}	-	-	740,572	1,975	742,547	209,430	17,895	227,125	17,833	244,958	987,505	
1988	ALL URBAN ^{3/}	-	-	716,574	1,899	718,473	197,587	17,316	214,903	16,357	231,260	949,733	
1989	TOTAL RURAL AND URBAN	1,485,474	10,425	1,495,899	5,685	1,501,584	456,699	53,190	509,889	34,999	544,888	1,266,157	
1988	TOTAL RURAL AND URBAN	1,429,579	10,024	1,439,603	5,466	1,445,069	439,496	51,239	490,735	32,102	522,837	1,208,428	
1989	NUMBER OF MOTOR VEHICLES REGISTERED ^{4/}	143,081,443	4,433,915	147,515,358	825,040	148,340,398	37,861,916	4,102,863	41,964,779	1,589,285	43,554,064	191,694,462	
1988	AVERAGE MILES TRAVELED PER VEHICLE	10,382	2,351	10,141	9,095	10,136	12,062	12,948	12,150	60,132	13,901	10,992	
1989	PERSON-MILES OF TRAVEL ^{5/} (BILLIONS)	2,430,284	11,026	2,441,310	115,879	2,557,189	571,345	51,239	622,584	90,158	712,742	10,720	
1988	FUEL CONSUMED (THOUSAND GALLONS)	72,332,848	208,500	72,541,348	949,082	73,490,430	33,067,223	7,414,971	40,482,634	17,891,701	58,374,395	131,864,825	
1989	AVERAGE FUEL CONSUMPTION PER VEHICLE (GALLONS)	506	47	492	1,518	496	873	1,607	965	11,258	1,340	688	
1988	AVERAGE MILES TRAVELED PER GALLON OF FUEL CONSUMED	20.54	50.00	20.62	5.99	20.43	13.61	7.17	12.50	5.34	10.37	15.98	

^{1/} THE 50 STATES AND THE DISTRICT OF COLUMBIA REPORT TRAVEL BY HIGHWAY CATEGORY, NUMBER OF MOTOR VEHICLES REGISTERED, AND TOTAL FUEL CONSUMED. THE TRAVEL AND FUEL DATA BY VEHICLE TYPE AND STRATIFICATION OF TRUCKS, AS WELL AS RELATED DATA ARE CALCULATED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA). ENTRIES FOR 1988 HAVE BEEN REVISED BASED ON THE AVAILABILITY OF MORE CURRENT DATA.
^{2/} SEPARATE ESTIMATES OF PASSENGER CAR AND MOTORCYCLE TRAVEL ARE NOT AVAILABLE BY HIGHWAY CATEGORY.
^{3/} URBAN CONSISTS OF TRAVEL ON ALL ROADS AND STREETS IN URBAN PLACES OF 5,000 OR GREATER POPULATION.
^{4/} STRATIFICATION OF THE TRUCK FIGURES IS MADE BY FHWA BASED ON THE 1992 CENSUS OF TRANSPORTATION TRUCK INVENTORY AND USE SURVEY (TIUS). THE COMBINATIONS REPRESENT APPROXIMATELY THE NUMBER OF TRUCK-TRACTORS WITH SEMI-TRAILER(S) AND A MAJORITY OF THE HEAVY SINGLE-UNIT TRUCKS USED REGULARLY IN COMBINATION WITH FULL TRAILER(S). ALL THESE TRUCK VEHICLE FIGURES MAY BE REGARDED AS PRELIMINARY AND MAY BE REVISED PENDING FURTHER ANALYSIS OF THE TIUS DATA.
^{5/} AS ESTIMATED BY FHWA USING THE NATIONWIDE PERSONAL TRANSPORTATION STUDY, TIUS, AND NATIONAL TRANSPORTATION STATISTICS ANNUAL REPORT.

ANNUAL VEHICLE-MILES OF TRAVEL - 1989¹
BY STATE AND FUNCTIONAL SYSTEM

OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

TABLE VM-2
SEPTEMBER 1990

(MILLIONS)

STATE	RURAL										URBAN								TOTAL
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE EXPRESSWAYS	OTHER FREEMWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL	TOTAL	TOTAL				
ALABAMA	4,262	4,372	3,949	4,449	1,119	3,638	21,789	3,332	38,470	5,647	3,571	1,926	4,500	19,976	40,765				
ALASKA	142	15	480	500	401	331	2,095	-	2,392	7,931	3,635	642	1,882	3,887	3,887				
ARIZONA	4,326	1,504	2,265	2,932	301	2,539	14,559	2,575	1,680	7,057	1,842	1,587	3,436	20,167	34,016				
ARKANSAS	2,545	2,924	2,657	3,366	417	1,079	12,988	1,599	3,014	2,409	1,897	572	4,155	7,426	20,414				
CALIFORNIA	13,449	12,997	9,304	10,739	3,254	2,295	52,039	50,309	38,470	53,041	32,323	11,485	13,809	198,443	251,482				
COLORADO	3,309	2,413	1,684	2,470	1,168	821	11,865	3,376	1,704	5,257	2,259	2,135	2,135	15,712	27,477				
CONNECTICUT	1,396	1,131	1,148	1,454	606	961	6,596	6,489	2,363	3,742	2,685	2,363	1,735	19,587	26,183				
DELAWARE		1,124	1,549	654	69	464	2,900	427	8	1,276	484	341	510	3,546	6,446				
DIST. OF COL.								478			790			3,414	3,414				
FLORIDA	8,550	9,253	6,015	3,006	1,469	3,092	31,385	9,674	4,262	19,286	14,415	9,024	20,821	77,492	108,877				
GEORGIA	8,473	4,918	6,737	5,823	1,159	6,659	33,769	9,882	1,428	8,117	6,611	2,744	13,154	41,936	75,705				
HAWAII	91	1,082	534	534	119		2,445	1,217	940	858	637	460	1,193	5,305	7,750				
IDAHOO	1,405	1,455	576	1,225	216	862	5,739	569		841	776	341	166	2,683	8,422				
ILLINOIS	7,522	8,885	6,885	5,096	475	3,311	26,478	12,596	998	6,883	14,423	6,545	7,092	55,819	81,297				
INDIANA	5,820	4,031	5,286	10,279	1,787	4,887	32,080	4,862	867	6,281	5,281	1,697	4,792	24,102	56,192				
IOWA	3,238	2,894	2,894	2,468	728	1,492	14,505	1,365		3,028	1,850	677	1,146	8,066	22,571				
KANSAS	2,382	3,609	1,989	2,686	285	1,413	12,384	1,863	623	2,539	2,223	690	1,611	9,549	21,913				
KENTUCKY	4,312	3,455	2,216	5,007	1,684	1,030	18,866	5,166	4,506	9,522	1,850	1,704	3,899	36,890	48,414				
KENTUCKY	4,765	2,469	2,398	5,095	1,684	2,983	18,539	2,865	407	4,966	3,582	3,849	5,052	37,890	50,990				
LOUISIANA	1,692	1,522	1,640	2,059	697	983	8,533	4,825	2,069	2,795	4,944	2,581	1,942	19,428	27,993				
MARYLAND	2,795	3,340	3,028	2,164	744	1,240	13,311	7,850	2,722	7,892	3,216	1,951	1,689	25,611	38,922				
MASSACHUSETTS	2,165	1,459	1,831	1,829	420	1,030	8,554	10,436	4,506	8,522	5,212	2,850	1,704	13,339	32,165				
MICHIGAN	5,367	6,134	5,843	10,443	1,516	2,560	31,453	10,368	3,503	14,566	11,180	1,704	7,004	19,734	37,914				
MINNESOTA	2,715	4,717	3,321	3,597	1,067	2,448	17,955	4,825	2,069	2,795	4,944	2,581	3,146	13,339	21,913				
MARYLAND	2,795	3,340	3,028	2,164	744	1,240	13,311	7,850	2,722	7,892	3,216	1,951	1,689	25,611	38,922				
MISSISSIPPI	2,595	2,946	3,260	3,471	348	2,809	15,429	94	2,722	2,537	2,223	690	1,611	9,549	21,913				
MISSOURI	5,391	3,302	3,302	5,103	374	3,369	25,279	8,229	94	6,194	4,055	1,413	2,665	13,339	32,165				
MONTANA	1,731	1,458	1,036	935	286	1,68	6,256	168	2,251	592	403	1,71	5,052	24,808	26,250				
NEBRASKA	1,657	1,248	1,856	1,255	286	1,247	8,713	609	66	1,316	1,336	472	2,689	5,068	13,781				
NEVADA	1,528	793	555	810	208	304	4,198	888	300	1,478	1,410	530	604	5,210	9,408				
NEW HAMPSHIRE	1,330	1,096	1,438	1,276	419	542	6,101	653	490	1,023	971	328	3,718	9,919	11,628				
NEW JERSEY	1,930	2,001	2,249	3,061	946	886	11,073	8,560	5,402	11,342	9,295	3,249	10,977	48,825	59,998				
NEW MEXICO	3,304	1,248	1,429	1,230	272	2,020	9,503	1,044	5,402	2,792	1,067	480	953	6,336	15,839				
NEW YORK	5,516	4,522	6,834	5,536	5,208	3,385	31,001	13,809	13,327	16,981	17,132	5,614	8,195	75,058	106,059				
NORTH CAROLINA	5,886	5,785	3,279	10,823	3,719	3,522	32,874	3,523	2,426	8,879	5,271	1,176	6,895	28,003	60,877				
NORTH DAKOTA	7,838	4,668	5,468	8,446	186	677	4,452	165	3,084	4,536	383	181	1,564	5,649	9,898				
OHIO	7,938	7,938	5,468	8,446	2,037	5,974	34,452	14,853	3,084	10,777	7,006	4,100	10,146	49,966	64,418				
OKLAHOMA	3,573	2,898	3,003	4,809	155	1,820	16,259	3,170	1,752	3,507	4,016	992	3,140	16,577	32,836				
OREGON	3,436	3,838	2,080	2,765	625	1,430	14,409	2,671	3,829	3,969	2,463	1,578	1,128	11,628	26,820				
PENNSYLVANIA	7,640	7,274	6,871	5,935	2,660	5,439	37,886	7,053	3,839	16,335	7,539	4,541	5,949	46,016	63,855				
RHODE ISLAND	203	269	166	139	65	27	889	1,051	547	1,820	1,088	518	827	5,861	6,740				
SOUTH CAROLINA	5,496	3,712	4,860	4,575	630	2,092	21,165	2,003	331	4,480	2,882	1,325	644	11,615	32,780				
SOUTH DAKOTA	1,275	1,344	863	1,344	149	588	5,157	222	19	5,157	302	252	252	11,615	32,780				
TENNESSEE	6,529	2,650	6,000	3,108	2,277	1,587	15,157	5,609	19	8,731	3,645	2,303	3,202	23,497	34,996				
TEXAS	11,197	15,319	6,314	14,434	2,196	4,233	53,593	21,812	13,260	19,856	16,023	7,811	27,051	105,819	159,512				
UTAH	2,139	912	770	782	254	519	5,376	2,587	122	1,551	1,764	920	1,595	8,539	13,915				
VERMONT	946	656	856	1,081	182	463	4,204	230	58	459	1,340	165	340	1,567	5,765				
VIRGINIA	6,843	5,211	5,649	6,161	467	3,170	27,601	7,955	1,902	6,379	6,729	2,143	5,377	31,836	59,337				
WASHINGTON	3,360	3,191	2,189	4,552	1,459	1,110	15,861	7,168	2,489	6,997	5,299	2,408	3,011	27,372	43,233				
WEST VIRGINIA	2,412	1,484	2,159	3,304	324	891	10,564	1,063	438	1,086	898	462	429	4,376	14,940				
WYOMING	3,693	6,145	4,797	4,209	943	3,071	22,798	2,508	1,829	4,872	5,037	1,237	5,000	20,288	43,086				
WYOMING	1,628	687	852	466	406	354	4,392	154	9	496	307	155	136	1,358	5,750				
TOTAL	191,120	165,993	156,626	187,182	48,085	99,877	848,883	270,652	122,055	326,897	234,863	1,259	202,431	1,258,157	2,107,040				
PERCENT - AREA	22.6	19.6	18.5	22.1	5.7	11.8	100.0	21.6	9.8	28.0	18.7	8.1	16.1	100.0	0.0				
PERCENT - TOTAL	9.1	7.9	7.5	8.9	2.3	4.8	40.3	12.9	5.8	15.6	11.2	4.9	9.7	59.8	100.0				

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

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

ANNUAL VEHICLE-MILES OF TRAVEL - 1989
BY STATE AND FEDERAL-AID SYSTEM

TABLE VM-3
SEPTEMBER 1990

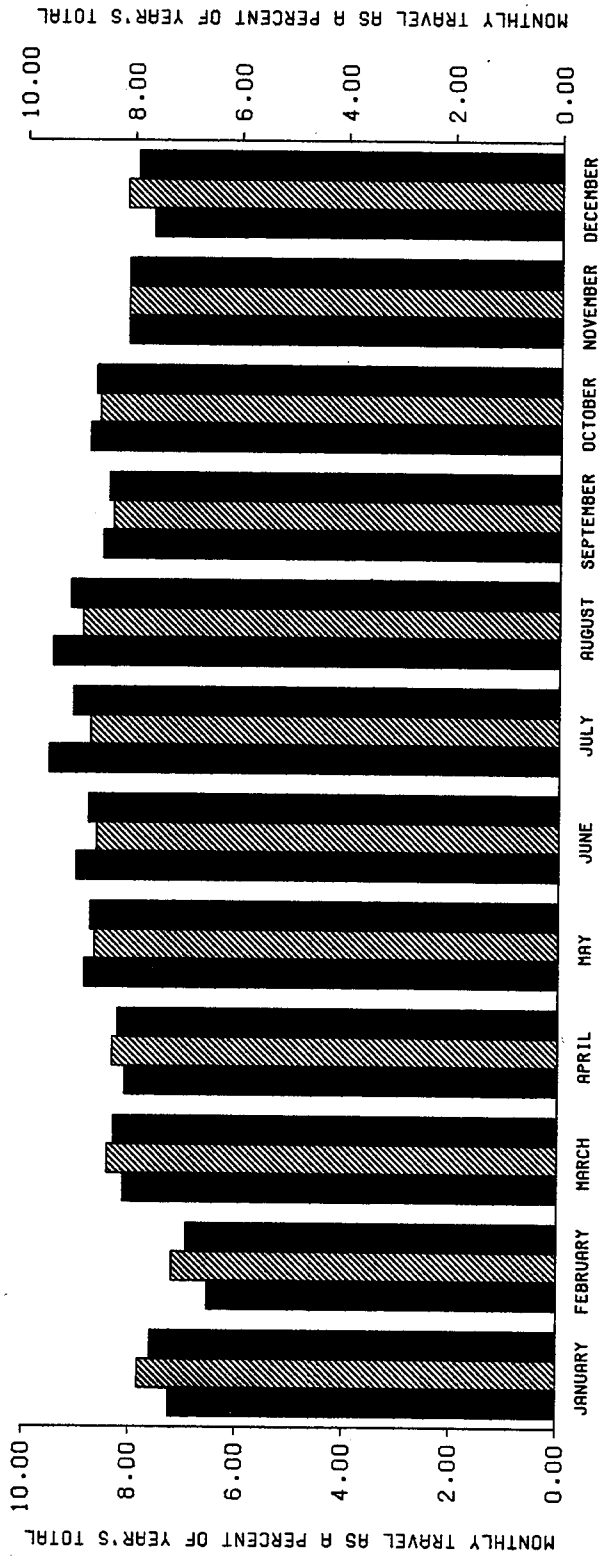
OFFICE OF HIGHWAY
INFORMATION MANAGEMENT

(MILLIONS)

STATE	FEDERAL-AID INTERSTATE					OTHER FEDERAL-AID PRIMARY			FEDERAL-AID SECONDARY		ALL FEDERAL-AID SYSTEMS			ALL NON-FEDERAL-AID SYSTEMS			TOTAL		
	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	RURAL		URBAN	TOTAL
ALABAMA	4,262	3,332	7,594	8,321	4,453	12,774	6,025	4,449	17,032	13,810	30,842	4,787	5,166	9,953	4,787	5,166	9,953	40,765	
ALASKA	686	422	1,108	476	190	666	675	482	1,644	1,287	2,931	3,781	1,032	3,814	4,845	4,845	4,845	3,687	
ARIZONA	4,326	2,575	6,901	3,768	1,629	5,397	10,831	2,809	10,503	15,035	25,538	3,756	5,172	8,928	3,756	5,172	8,928	34,916	
ARKANSAS	2,545	1,599	4,144	5,363	2,149	7,512	2,161	1,906	5,813	5,909	11,722	1,175	1,517	2,692	1,175	1,517	2,692	20,414	
CALIFORNIA	13,449	50,309	63,758	22,266	37,484	59,750	90,257	10,090	45,745	176,050	223,795	6,284	21,393	27,687	6,284	21,393	27,687	251,482	
COLORADO	3,309	3,376	6,685	4,093	3,747	7,840	5,871	1,595	8,797	12,994	21,891	2,568	2,718	5,586	2,568	2,718	5,586	27,577	
CONNECTICUT	1,396	6,489	7,885	2,258	4,364	6,622	6,339	1,367	5,021	17,432	22,453	1,559	2,099	3,658	1,559	2,099	3,658	26,183	
DELAWARE	927	1,927	2,854	1,713	1,893	2,891	1,215	684	2,367	3,020	5,387	533	526	1,059	533	526	1,059	6,446	
DIST. OF COL.	478	478	478	478	1,893	1,893	756	---	---	3,067	3,067	---	347	347	---	347	---	3,414	
FLORIDA	6,550	9,674	18,224	13,421	20,113	33,534	20,520	2,749	24,720	50,307	75,027	6,685	27,185	33,870	6,685	27,185	33,870	106,877	
GEORGIA	6,473	9,882	18,355	11,655	9,117	20,772	9,783	5,623	25,951	26,782	52,733	7,808	13,155	20,972	7,808	13,155	20,972	75,705	
HAWAII	91	1,217	1,308	1,133	1,553	2,686	1,339	474	1,698	4,109	5,807	747	1,943	1,943	747	1,943	1,943	7,750	
IDAHO	1,405	569	1,974	2,031	275	2,306	1,498	1,147	4,583	2,342	6,925	1,156	341	1,497	1,156	341	1,497	8,422	
ILLINOIS	7,172	12,696	19,768	9,424	13,600	23,024	22,204	4,026	20,622	46,400	69,022	7,896	7,419	14,915	7,896	7,419	14,915	81,297	
INDIANA	5,820	4,565	10,402	4,265	10,176	14,518	10,154	10,176	25,049	19,001	44,050	2,220	5,101	7,321	2,220	5,101	7,321	56,192	
IOWA	3,238	1,365	4,603	6,579	2,366	8,945	3,111	2,468	12,285	6,582	19,127	1,167	1,224	2,391	1,167	1,224	2,391	22,871	
KANSAS	2,362	1,863	4,245	5,598	1,557	7,155	3,437	2,680	10,660	6,867	17,517	1,704	2,692	4,396	1,704	2,692	4,396	21,913	
KENTUCKY	4,312	3,393	7,645	5,671	2,699	8,370	5,422	5,007	14,590	11,454	26,044	3,636	5,791	9,427	3,636	5,791	9,427	32,165	
LOUISIANA	4,765	2,895	7,660	4,842	2,973	7,815	6,128	5,095	14,702	11,986	26,688	3,176	7,748	10,924	3,176	7,748	10,924	37,914	
MAINE	1,692	477	2,169	3,161	922	4,083	1,487	1,791	6,644	2,866	9,510	1,349	260	2,209	1,349	260	2,209	11,739	
MARYLAND	2,795	7,850	10,645	6,368	6,369	12,737	9,078	2,164	11,327	23,295	34,922	1,984	2,316	4,300	1,984	2,316	4,300	38,922	
MASSACHUSETTS	2,165	10,436	12,601	3,250	9,591	12,881	12,366	1,629	7,084	32,563	39,647	1,484	5,297	6,781	1,484	5,297	6,781	46,314	
MICHIGAN	5,367	10,968	16,325	11,977	9,124	21,101	21,706	9,988	17,322	44,501	63,120	4,151	6,639	10,770	4,151	6,639	10,770	79,690	
MINNESOTA	2,715	1,525	7,240	8,038	3,634	11,672	6,892	3,697	14,450	15,051	29,501	3,515	4,377	7,892	3,515	4,377	7,892	37,393	
MISSISSIPPI	2,595	1,206	3,801	6,097	1,625	7,722	2,918	3,469	12,161	5,749	17,910	3,268	1,717	4,985	3,268	1,717	4,985	22,895	
MISSOURI	5,391	8,229	13,620	9,042	3,941	12,983	5,087	5,087	19,620	17,566	37,186	3,268	7,350	10,618	3,268	7,350	10,618	46,887	
MONTANA	1,731	168	1,899	2,478	392	2,870	788	722	4,931	1,317	6,248	1,225	677	2,002	1,225	677	2,002	8,250	
NEBRASKA	1,857	609	2,466	4,068	1,292	5,360	2,498	1,255	7,180	4,399	11,579	1,533	569	2,202	1,533	569	2,202	13,781	
NEVADA	1,528	888	2,416	1,348	485	1,833	2,814	806	3,682	4,187	7,869	516	1,023	1,539	516	1,023	1,539	9,408	
NEW HAMPSHIRE	1,330	663	1,993	2,270	1,119	3,389	1,524	1,279	4,873	3,296	8,169	1,228	1,452	2,680	1,228	1,452	2,680	9,819	
NEW JERSEY	1,930	8,560	10,490	3,239	8,116	11,355	17,794	3,006	8,175	34,470	42,645	2,696	14,352	17,259	2,696	14,352	17,259	59,898	
NEW MEXICO	3,304	1,044	4,348	2,661	1,090	3,751	2,362	1,174	7,139	4,516	11,655	2,364	1,620	4,184	2,364	1,620	4,184	15,839	
NEW YORK	5,516	13,809	19,325	11,356	21,144	32,500	30,578	5,536	22,408	65,531	87,939	9,593	9,527	18,120	9,593	9,527	18,120	106,059	
NORTH CAROLINA	5,937	3,523	9,460	8,957	5,148	14,105	9,893	10,470	25,364	18,564	43,928	7,510	9,439	16,949	7,510	9,439	16,949	69,877	
NORTH DAKOTA	888	165	1,053	1,727	450	2,177	638	757	3,372	1,263	4,635	915	311	1,224	915	311	1,224	5,849	
OHIO	7,838	14,853	22,691	10,157	8,761	18,918	16,206	8,446	26,441	39,820	66,261	8,011	10,146	18,157	8,011	10,146	18,157	84,418	
OKLAHOMA	3,573	3,170	6,743	5,521	2,206	7,727	7,654	3,670	12,764	13,030	25,794	3,495	3,547	7,042	3,495	3,547	7,042	32,836	
OREGON	3,436	2,671	6,107	5,733	2,828	8,561	4,668	2,624	11,793	10,167	21,960	2,119	4,461	6,580	2,119	4,461	6,580	28,546	
PENNSYLVANIA	7,840	7,013	14,853	16,145	14,358	30,503	18,696	5,935	29,720	40,067	69,787	8,119	5,349	14,068	8,119	5,349	14,068	89,855	
RHODE ISLAND	203	1,051	1,254	1,446	1,594	2,040	2,379	139	788	5,024	5,812	101	827	928	101	827	928	6,740	
SOUTH CAROLINA	5,496	2,003	7,499	8,372	4,645	13,017	3,485	4,575	18,443	10,139	28,576	2,722	1,482	4,204	2,722	1,482	4,204	32,780	
SOUTH DAKOTA	1,275	222	1,497	2,205	768	2,973	293	914	4,394	1,283	5,677	763	264	1,027	763	264	1,027	6,700	
TENNESSEE	6,529	5,609	12,138	8,650	5,922	14,572	8,755	3,107	18,286	20,286	38,572	3,665	3,202	6,867	3,665	3,202	6,867	45,439	
TEXAS	11,197	21,812	33,009	21,631	17,669	39,300	28,478	13,718	46,546	65,959	112,505	7,147	39,860	47,007	7,147	39,860	47,007	159,512	
UTAH	2,139	2,587	4,726	1,669	580	2,249	3,693	768	4,576	6,850	11,426	800	1,689	2,489	800	1,689	2,489	13,915	
VERMONT	946	230	1,176	1,512	1,846	334	657	1,081	3,539	1,221	4,760	665	340	1,005	665	340	1,005	5,765	
VIRGINIA	6,843	7,955	14,798	10,633	4,912	15,545	12,786	6,157	23,633	26,653	49,286	3,868	6,163	10,051	3,868	6,163	10,051	69,333	
WASHINGTON	3,363	7,168	10,528	5,360	4,350	10,730	11,734	4,546	13,286	24,252	37,538	2,575	3,120	5,695	2,575	3,120	5,695	43,233	
WEST VIRGINIA	2,412	1,063	3,475	3,643	1,108	4,751	1,776	3,304	9,359	3,947	13,306	1,205	429	1,634	1,205	429	1,634	14,940	
WISCONSIN	3,693	2,508	6,201	10,881	5,333	16,214	6,243	4,105	18,679	14,564	33,243	4,119	5,724	9,843	4,119	5,724	9,843	45,086	
WYOMING	1,628	154	1,782	1,517	398	1,915	641	451	3,596	1,193	4,789	796	165	961	796	165	961	5,750	
TOTAL	191,120	270,652	461,772	317,837	266,453	584,290	463,341	179,300	688,257	1,000,446	1,686,703	160,626	257,711	418,337	160,626	257,711	418,337	2,107,040	
PERCENT - TOTAL	9.1	12.8	21.9	15.1	12.6	27.7	22.0	8.5	32.7	47.5	80.1	7.6	12.2	19.9	7.6	12.2	19.9	100.0	

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

MONTHLY DISTRIBUTION OF 1989 TRAVEL



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

LEGEND
RURAL TRAVEL URBAN TRAVEL TOTAL TRAVEL

MOTOR VEHICLE TRAFFIC FATALITIES AND INJURIES - 1989

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

STATE	VEHICLE- MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES		NONFATALLY INJURED PERSONS	
		NUMBER 1/	RATE 2/	NUMBER	RATE 2/	NUMBER 1/	RATE 2/	NUMBER	RATE 2/
ALABAMA	40.765	918	2.25	28,347	69.54	1,029	2.52	41,824	102.60
ALASKA	3.887	79	2.03	3,623	93.21	84	2.16	5,550	142.78
ARIZONA	34.816	770	2.21	37,837	108.68	879	2.52	61,578	176.87
ARKANSAS 3/	20.414	577	2.83	11,200	54.86	647	3.17	20,591	100.87
CALIFORNIA	251.482	4,877	1.94	236,831	94.17	5,412	2.15	363,645	144.60
COLORADO	27.577	482	1.75	24,508	88.87	528	1.91	37,561	136.20
CONNECTICUT	26.183	379	1.45	32,682	124.82	406	1.55	46,542	177.76
DELAWARE	6.446	108	1.68	5,741	89.06	116	1.80	9,036	140.18
DIST. OF COL.	3.414	70	2.05	9,003	263.71	72	2.11	12,964	379.73
FLORIDA	108.877	2,685	2.47	141,678	130.13	2,982	2.74	229,402	210.70
GEORGIA	75.705	1,422	1.88	65,279	86.23	1,632	2.16	101,256	133.75
HAWAII	7.750	129	1.66	8,882	114.61	149	1.92	12,710	164.00
IDAHO	8.422	212	2.52	6,901	81.94	238	2.83	10,916	129.61
ILLINOIS	81,297	1,545	1.90	118,173	145.36	1,748	2.15	174,861	215.09
INDIANA	56,192	882	1.57	53,817	95.77	971	1.73	76,458	136.07
IOWA	22,571	451	2.00	19,568	86.70	514	2.28	28,037	124.22
KANSAS	21,913	371	1.69	21,504	98.13	428	1.95	32,389	147.81
KENTUCKY	32,165	686	2.13	35,507	110.39	772	2.40	54,115	168.24
LOUISIANA	37,914	778	2.05	40,233	106.12	874	2.31	67,434	177.86
MAINE	11,739	178	1.52	12,871	109.64	193	1.64	18,627	158.68
MARYLAND	38,922	654	1.68	50,270	129.16	726	1.87	80,245	206.17
MASSACHUSETTS	46,214	638	1.38	73,276	158.56	700	1.51	92,156	199.41
MICHIGAN	79,890	1,464	1.83	104,183	130.41	1,631	2.04	158,223	198.05
MINNESOTA	37,393	538	1.44	31,576	84.44	604	1.62	45,404	121.42
MISSISSIPPI	22,895	621	2.71	12,992	56.75	726	3.17	24,208	105.73
MISSOURI	48,087	936	1.95	44,592	92.73	1,052	2.19	68,573	142.60
MONTANA	8,250	163	1.98	5,731	69.47	181	2.19	8,653	104.88
NEBRASKA	13,781	257	1.86	15,499	112.47	296	2.15	23,089	167.54
NEVADA	9,408	276	2.93	12,552	133.42	308	3.27	19,268	204.80
NEW HAMPSHIRE 3/	9,819	165	1.68	6,225	63.40	187	1.90	9,037	92.04
NEW JERSEY	59,898	814	1.36	100,717	168.15	891	1.49	159,699	266.62
NEW MEXICO	15,839	469	2.96	16,088	101.57	538	3.40	24,965	157.62
NEW YORK	106,059	2,075	1.96	203,556	191.93	2,257	2.13	298,629	281.57
NORTH CAROLINA	60,877	1,321	2.17	76,863	126.26	1,471	2.42	122,878	201.85
NORTH DAKOTA	5,849	76	1.30	3,421	58.49	81	1.38	4,869	83.24
OHIO	84,418	1,574	1.86	127,566	151.11	1,772	2.10	213,272	252.64
OKLAHOMA	32,836	569	1.73	22,716	69.18	648	1.97	35,286	107.46
OREGON	25,820	546	2.11	23,242	90.02	626	2.42	37,140	143.84
PENNSYLVANIA	83,855	1,714	2.04	98,511	117.48	1,877	2.24	152,589	181.97
RHODE ISLAND	6,740	97	1.44	6,992	103.74	100	1.48	8,646	128.28
SOUTH CAROLINA	32,780	895	2.73	30,963	94.46	996	3.04	49,905	152.24
SOUTH DAKOTA	6,704	134	2.00	4,605	68.69	152	2.27	6,827	101.83
TENNESSEE 3/	45,639	977	2.14	46,805	102.55	1,088	2.38	72,167	158.13
TEXAS	159,512	2,923	1.83	153,356	96.14	3,357	2.10	243,030	152.36
UTAH	13,915	269	1.93	16,700	120.01	303	2.18	22,979	165.14
VERMONT 3/	5,765	109	1.89	4,869	84.46	116	2.01	7,317	126.92
VIRGINIA	59,337	918	1.55	53,723	90.54	1,004	1.69	79,510	134.00
WASHINGTON	43,233	694	1.61	52,671	121.83	781	1.81	73,992	171.15
WEST VIRGINIA	14,940	406	2.72	15,393	103.03	468	3.13	28,353	189.78
WISCONSIN	43,086	714	1.66	42,673	99.04	817	1.90	62,108	144.15
WYOMING	5,750	113	1.97	3,355	58.35	127	2.21	5,235	91.04
TOTAL	2,107,040	40,718	1.93	2,375,866	112.76	45,555	2.16	3,643,748	172.93

1/ FATAL ACCIDENT AND FATALITY NUMBERS HAVE BEEN ADJUSTED TO AGREE WITH STATE TOTALS OBTAINED FROM THE FATAL ACCIDENT REPORTING SYSTEM (FARS) AS OF JUNE 1, 1990.

2/ PER 100 MILLION VEHICLE-MILES OF TRAVEL.

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

SPEED DATA¹
IN MILES PER HOUR

BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1989

TRAVEL MONITORING DIVISION
OFFICE OF HIGHWAY INFORMATION MANAGEMENT

(OCTOBER 1988 - SEPTEMBER 1989)

TABLE VS-1
SEPTEMBER 1990

STATE	URBAN						RURAL						STATEWIDE				
	INTERSTATE			OTHER PRINCIPAL AND EXPRESSWAYS			INTERSTATE			OTHER PRINCIPAL AND MINOR ARTERIALS			MAJOR COLLECTORS			STATEWIDE	
	AVERAGE	MEDIAN	85TH PERCENTILE	AVERAGE	MEDIAN	85TH PERCENTILE	AVERAGE	MEDIAN	85TH PERCENTILE	AVERAGE	MEDIAN	85TH PERCENTILE	AVERAGE	MEDIAN	85TH PERCENTILE	AVERAGE	MEDIAN
ALABAMA	60.1	55.7	67.0	(4/)	(4/)	62.1	55.5	57.8	63.9	61.2	67.6	54.8	54.4	61.4	57.2	56.1	63.7
ALASKA	60.1	55.7	67.0	(4/)	(4/)	62.1	55.5	57.8	63.9	61.2	67.6	54.8	54.4	61.4	57.2	56.1	63.7
ARIZONA	59.0	53.3	65.0	(4/)	(4/)	65.0	59.0	56.6	65.0	57.8	65.0	45.6	46.2	51.4	46.2	51.4	64.0
ARIZONA	59.0	53.3	65.0	(4/)	(4/)	65.0	59.0	56.6	65.0	57.8	65.0	45.6	46.2	51.4	46.2	51.4	64.0
ARIZONA	59.0	53.3	65.0	(4/)	(4/)	65.0	59.0	56.6	65.0	57.8	65.0	45.6	46.2	51.4	46.2	51.4	64.0
ARIZONA	59.0	53.3	65.0	(4/)	(4/)	65.0	59.0	56.6	65.0	57.8	65.0	45.6	46.2	51.4	46.2	51.4	64.0
CALIFORNIA	55.1	57.0	66.0	60.1	66.8	60.8	54.1	61.2	68.7	60.3	67.8	56.8	57.6	64.4	57.0	58.9	66.1
COLORADO	55.9	57.2	63.0	56.4	62.8	62.8	56.4	62.8	69.1	65.5	61.6	56.8	56.7	62.5	56.4	56.4	62.4
CONNECTICUT	61.1	60.8	68.2	59.9	67.1	67.1	59.9	62.3	69.1	65.5	61.4	55.0	(4/)	(4/)	61.3	60.9	68.3
DELAWARE	60.1	60.4	68.8	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	56.9	57.0	63.4
DIST. OF COL.	59.2	58.3	66.3	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
FLORIDA	61.7	61.3	69.3	61.7	67.4	67.4	54.9	62.7	71.3	62.7	64.4	52.3	(4/)	(4/)	(4/)	(4/)	(4/)
GEORGIA	58.2	58.5	66.7	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
HAWAII	58.3	58.4	64.5	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
IDaho	56.3	56.8	64.2	56.9	63.5	63.5	55.3	62.1	69.9	65.6	61.8	55.7	57.8	65.1	54.5	55.2	61.4
ILLINOIS	55.9	56.9	63.9	58.9	65.8	65.8	52.8	59.0	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.7
IOWA	55.7	56.9	63.7	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
KANSAS	62.3	62.7	69.3	60.2	68.9	67.1	55.0	61.4	69.1	66.0	63.9	54.2	55.6	64.0	57.6	58.3	65.0
KENTUCKY	58.4	59.0	65.2	57.1	64.3	64.3	51.8	59.0	69.9	65.1	62.0	51.1	53.3	61.1	53.9	55.2	62.0
LOUISIANA	58.5	59.9	67.5	57.2	65.8	65.8	52.8	62.7	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
MAINE	59.5	59.9	67.5	57.2	65.8	65.8	52.8	62.7	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
MARYLAND	59.3	59.3	65.9	49.1	60.2	60.2	48.1	60.2	69.9	65.1	62.0	51.1	53.3	61.1	53.9	55.2	62.0
MASSACHUSETTS	58.2	58.2	64.9	54.5	62.1	62.1	58.8	64.9	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
MINNESOTA	58.5	59.2	64.9	54.5	62.1	62.1	58.8	64.9	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
MISSISSIPPI	59.6	60.1	66.7	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
MISSOURI	58.1	58.9	65.6	57.3	63.8	63.8	55.3	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
NEBRASKA	59.1	59.0	65.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
NEBRASKA	59.1	59.0	65.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
NEBRASKA	59.1	59.0	65.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
NEBRASKA	59.1	59.0	65.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
NEBRASKA	59.1	59.0	65.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
NEVADA	58.4	59.2	65.7	57.5	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
NEW HAMPSHIRE	59.2	57.4	65.5	57.4	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
NEW JERSEY	58.4	58.4	65.5	57.4	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
NEW MEXICO	56.2	55.9	63.1	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
NEW YORK	62.3	62.3	68.6	58.6	66.9	66.9	58.6	66.9	73.6	70.6	67.6	58.6	58.6	64.4	58.8	58.8	64.1
NORTH CAROLINA	57.4	57.4	63.9	57.4	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
NORTH DAKOTA	57.4	57.4	63.9	57.4	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
OHIO	57.4	57.4	63.9	57.4	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
OKLAHOMA	56.8	57.0	63.0	57.4	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
OREGON	58.4	59.1	67.0	58.7	66.7	66.7	58.7	66.7	73.6	70.6	67.6	58.7	58.7	64.4	58.8	58.8	64.1
PENNSYLVANIA	58.1	58.2	65.5	57.6	65.1	65.1	57.6	65.1	72.6	69.6	66.6	57.6	57.6	63.4	56.6	56.6	63.0
RHODE ISLAND	58.2	58.2	65.5	57.4	64.9	64.9	54.9	62.4	69.9	65.4	62.2	55.1	55.5	62.0	55.9	57.2	62.9
SOUTH CAROLINA	60.0	59.9	66.8	56.4	64.9	64.9	56.4	64.9	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
SOUTH DAKOTA	54.5	54.1	60.2	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
TENNESSEE	59.6	59.6	68.0	59.3	66.6	66.6	59.3	66.6	73.6	70.6	67.6	59.3	59.3	65.0	56.8	56.8	62.5
TEXAS	60.4	59.5	68.0	59.3	66.6	66.6	59.3	66.6	73.6	70.6	67.6	59.3	59.3	65.0	56.8	56.8	62.5
UTAH	62.0	58.0	63.8	58.0	64.9	64.9	58.0	64.9	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
VERMONT	58.0	58.0	64.7	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
VIRGINIA	59.2	58.7	64.6	57.5	64.9	64.9	57.5	64.9	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
WASHINGTON	57.8	58.7	64.6	57.5	64.9	64.9	57.5	64.9	71.6	68.0	65.1	53.0	54.1	62.2	59.0	59.3	67.2
WEST VIRGINIA	58.8	59.2	65.3	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
WISCONSIN	60.9	60.7	68.7	60.1	66.7	66.7	60.1	66.7	73.6	70.6	67.6	60.1	60.1	66.0	56.8	56.8	62.5
WYOMING	57.6	57.4	65.9	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
AVERAGE	58.9	59.0	66.1	57.5	64.9	64.9	54.6	61.3	67.2	66.4	63.1	54.3	54.7	62.1	56.7	57.0	63.9

^{1/} SPEED DATA ARE FOR ALL VEHICLES RATHER THAN FREE-FLOWING VEHICLES AS IN VS-1 TABLES. NO ADJUSTMENT IN THIS HIGHWAY CATEGORY WHERE THE 65 MPH SPEED LIMIT IS THE PRIMARY CONSTANT OR WHERE THE 55 MPH SPEED LIMIT IS THE PRIMARY CONSTANT.
^{2/} MEDIAN SPEED IS THE SPEED AT OR BELOW WHICH 50 PERCENT OF THE VEHICLES ARE TRAVELING.
^{3/} 85TH PERCENTILE SPEED IS THE SPEED AT OR BELOW WHICH 85 PERCENT OF THE VEHICLES ARE TRAVELING.
 IN THIS HIGHWAY CATEGORY WHERE THE 65 MPH SPEED LIMIT IS THE PRIMARY CONSTANT OR WHERE THE 55 MPH SPEED LIMIT IS THE PRIMARY CONSTANT, THE 85TH PERCENTILE SPEED IS THE SPEED AT OR BELOW WHICH 85 PERCENT OF THE VEHICLES ARE TRAVELING.

Roadway Extent, Characteristics, and Performance

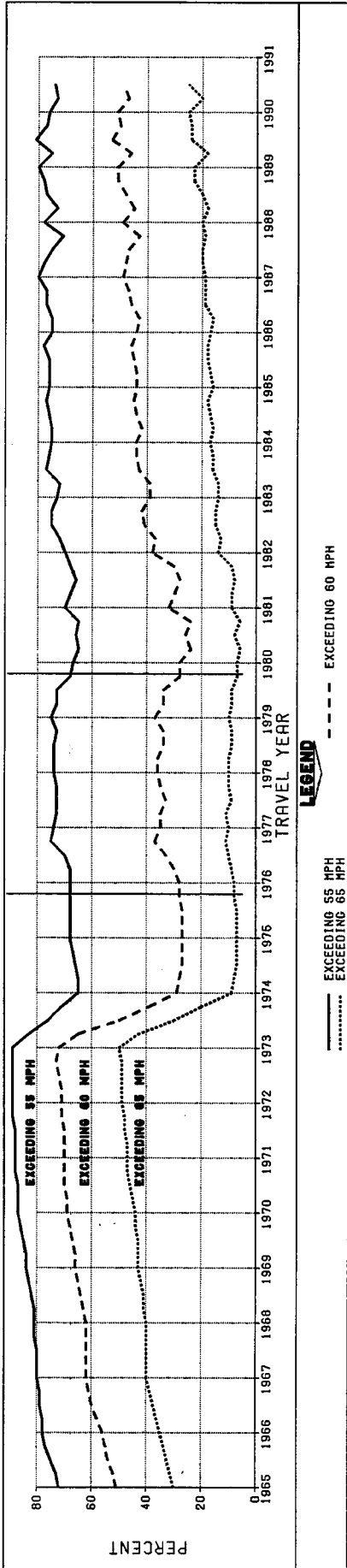
187

SPEED DATA¹ IN PERCENT EXCEEDING INDICATED MILES-PER-HOUR INCREMENTS BASED ON STATE CERTIFICATION REPORTS FOR FISCAL YEAR 1989

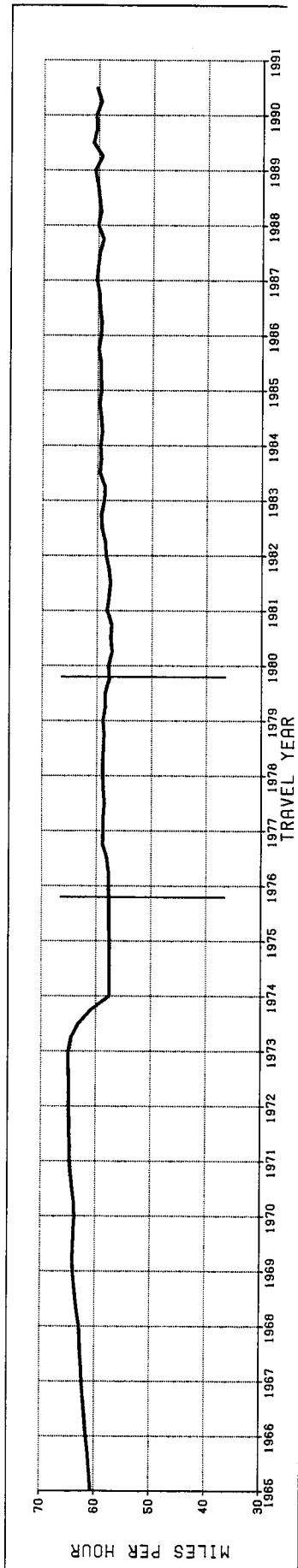
STATE	OCTOBER 1988 - SEPTEMBER 1989																		TABLE VS-2 SEPTEMBER 1990			
	URBAN									RURAL									STATEWIDE			
	INTERSTATE			OTHER FREEWAYS AND EXPRESSWAYS			OTHER PRINCIPAL AND MINOR ARTERIALS			INTERSTATE			OTHER PRINCIPAL AND MINOR ARTERIALS			MAJOR COLLECTORS			60 MPH	65 MPH	70 MPH	75 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	70 MPH	75 MPH		
ALABAMA	76.6	46.0	20.5	(2/)	53.6	22.4	5.4	(2/)	57.5	32.7	10.4	47.0	18.5	6.3	62.3	30.3	10.7					
ALASKA	71.3	(2/)	(2/)	(2/)	24.5	11.9	15.0	(2/)	67.2	31.8	15.0	15.5	7.1	2.4	83.5	36.1	19.7					
ARIZONA	70.3	42.6	15.9	(2/)	72.9	44.0	18.0	(2/)	63.4	31.8	10.9	46.0	18.6	6.1	84.4	34.5	12.9					
ARKANSAS	70.3	42.6	15.9	(2/)	72.9	44.0	18.0	(2/)	63.4	31.8	10.9	46.0	18.6	6.1	84.4	34.5	12.9					
CALIFORNIA	66.8	35.8	14.8	(2/)	74.3	45.5	17.0	(2/)	86.4	50.9	23.7	82.9	26.8	9.4	87.8	38.5	15.6					
COLORADO	63.4	30.8	8.4	(2/)	61.1	32.2	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
CONNECTICUT	80.0	54.8	26.5	(2/)	74.2	48.1	21.8	(2/)	88.1	64.4	59.0	96.3	16.0	4.2	87.9	55.2	27.3					
DELAWARE	79.8	46.1	17.0	(2/)	79.8	46.1	17.0	(2/)	88.1	64.4	59.0	96.3	16.0	4.2	87.9	55.2	27.3					
DIST. OF COL.	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)			
DIST. OF COLUMBIA	77.8	43.8	17.1	(2/)	77.8	43.8	17.1	(2/)	88.1	64.4	59.0	96.3	16.0	4.2	87.9	55.2	27.3					
FLORIDA	63.5	36.9	16.5	(2/)	55.1	23.0	6.2	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
HAWAII	63.5	36.9	16.5	(2/)	55.1	23.0	6.2	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
IDaho	70.7	30.6	8.6	(2/)	92.6	49.0	9.0	(2/)	81.0	21.9	2.5	81.0	17.9	3.9	85.4	34.6	13.5					
ILLINOIS	60.2	30.8	11.7	(2/)	62.6	31.7	11.7	(2/)	88.1	64.4	59.0	96.3	16.0	4.2	87.9	55.2	27.3					
INDIANA	64.9	35.9	12.5	(2/)	71.1	41.4	15.4	(2/)	88.1	64.4	59.0	96.3	16.0	4.2	87.9	55.2	27.3					
IOWA	57.5	18.8	3.0	(2/)	74.1	47.1	17.1	(2/)	88.1	64.4	59.0	96.3	16.0	4.2	87.9	55.2	27.3					
KANSAS	87.3	61.3	29.0	(2/)	76.6	48.8	19.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
KENTUCKY	71.0	35.7	11.1	(2/)	76.6	48.8	19.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
LOUISIANA	78.7	47.8	20.6	(2/)	62.5	28.4	8.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MAINE	72.5	43.4	18.6	(2/)	62.5	28.4	8.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MARYLAND	71.5	45.9	23.0	(2/)	69.1	33.4	6.5	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MASSACHUSETTS	65.7	33.5	13.8	(2/)	75.9	43.6	14.4	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MICHIGAN	69.5	33.8	14.3	(2/)	78.4	44.6	17.4	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MINNESOTA	78.4	44.6	17.4	(2/)	78.4	44.6	17.4	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MISSISSIPPI	78.5	50.6	23.1	(2/)	65.2	36.7	12.5	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MISSOURI	68.8	36.7	14.0	(2/)	74.1	47.1	17.1	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
MONTANA	70.3	36.5	12.5	(2/)	74.1	47.1	17.1	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NEBRASKA	74.3	39.7	11.1	(2/)	74.1	47.1	17.1	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NEVADA	70.4	34.9	13.6	(2/)	64.1	33.0	10.5	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NEW HAMPSHIRE	87.8	49.3	16.2	(2/)	60.6	34.3	11.7	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NEW JERSEY	65.3	25.1	8.8	(2/)	68.8	38.6	13.2	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NEW MEXICO	55.3	25.1	8.8	(2/)	68.8	38.6	13.2	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NEW YORK	84.9	63.6	34.4	(2/)	70.5	42.3	17.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NORTH CAROLINA	58.5	30.2	10.3	(2/)	62.5	28.4	8.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
NORTH DAKOTA	76.5	41.0	14.7	(2/)	68.8	38.6	13.2	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
OHIO	76.5	41.0	14.7	(2/)	68.8	38.6	13.2	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
OKLAHOMA	71.6	31.9	6.5	(2/)	62.7	35.3	6.3	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
OREGON	69.9	42.5	18.4	(2/)	74.1	47.1	17.1	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
PENNSYLVANIA	82.2	55.4	27.6	(2/)	63.7	32.5	11.3	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
RHODE ISLAND	61.8	35.3	15.8	(2/)	57.8	30.1	11.6	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
SOUTH CAROLINA	82.2	55.4	27.6	(2/)	63.7	32.5	11.3	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
SOUTH DAKOTA	82.2	55.4	27.6	(2/)	63.7	32.5	11.3	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
TENNESSEE	75.1	51.4	26.1	(2/)	70.5	40.5	16.4	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
TEXAS	68.7	47.4	23.9	(2/)	70.5	40.5	16.4	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
UTAH	76.7	40.2	16.5	(2/)	64.0	36.6	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
VERMONT	66.5	33.2	11.4	(2/)	64.0	36.6	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
VIRGINIA	76.5	45.5	21.0	(2/)	64.0	36.6	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
WASHINGTON	70.5	43.9	21.9	(2/)	64.0	36.6	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
WEST VIRGINIA	73.5	47.5	23.4	(2/)	64.0	36.6	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
WISCONSIN	82.1	47.5	23.4	(2/)	64.0	36.6	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
WYOMING	59.2	34.9	15.8	(2/)	64.0	36.6	10.0	(2/)	82.2	48.1	33.0	99.2	21.1	4.1	87.9	45.3	21.3					
AVERAGE	71.3	41.7	16.9		65.5	33.7	11.3		76.8	48.9	21.8	66.0	26.6	9.4	81.1	44.7	20.4	30.5	11.6			

^{1/} SPEED DATA ARE FOR ALL VEHICLES RATHER THAN FREE FLOWING VEHICLES AS IN VS-2 TABLES.
^{2/} NO MILLAGE IN THIS HIGHWAY CATEGORY WHERE THE 55 MPH SPEED LIMIT IS THE PRIMARY
CONSTRAINT ON VEHICLE SPEEDS.
^{3/} WILSON BRIDGE ONLY SECTION WITH 55 MPH SPEED LIMIT. MARYLAND MONITORS NEAR BRIDGE.

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



AVERAGE SPEED OF VEHICLES ON RURAL INTERSTATE HIGHWAYS



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

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

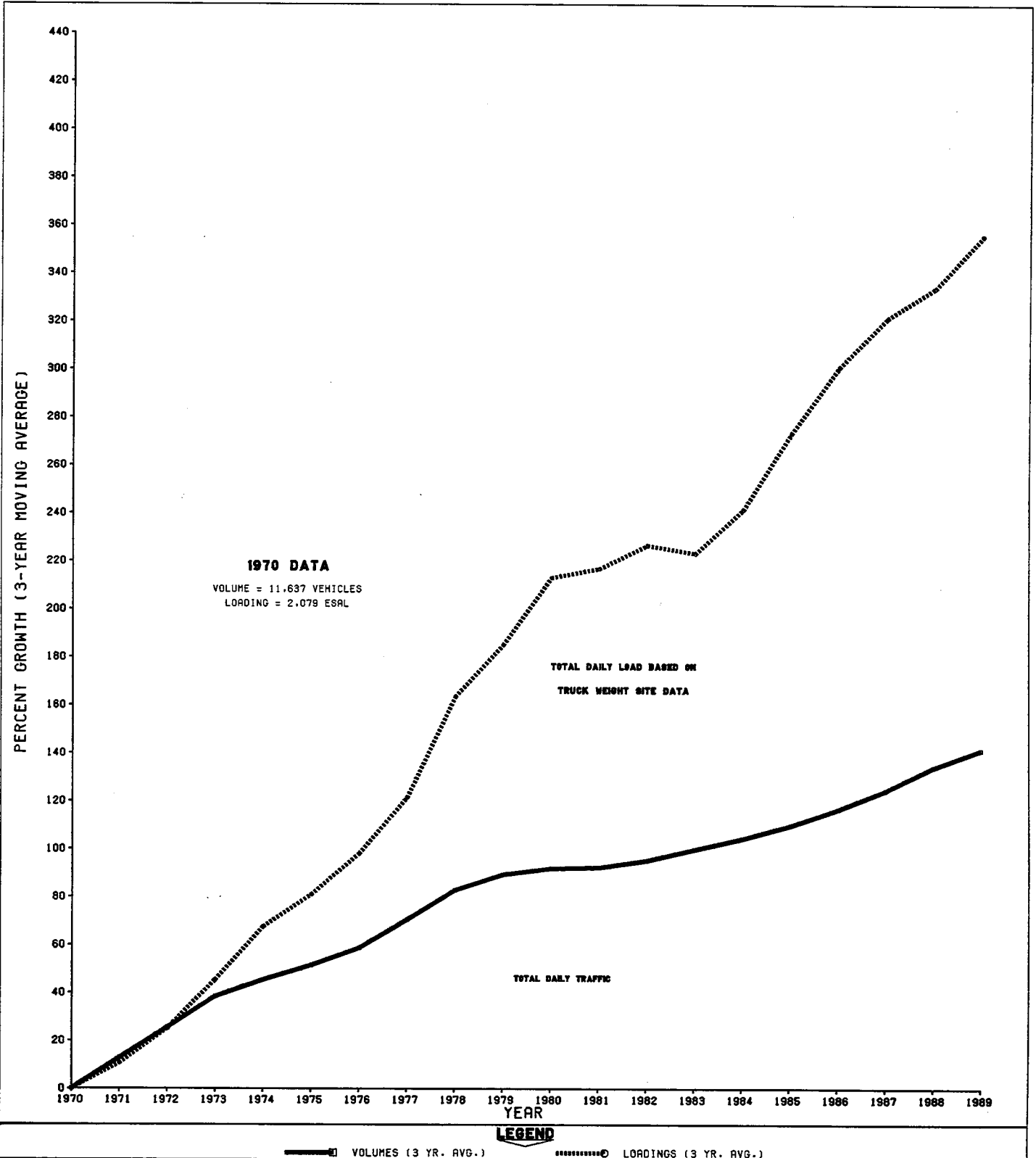
TABLE IC-3
SEPTEMBER 1990

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
1989	64	1	16	-	3	3	2	4	15	92

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

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



HIGHWAY STATISTICS FOR THE COMMONWEALTH OF PUERTO RICO - 1989

TABLE PR-1
SHEET 1 OF 2
OCTOBER 1990

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
		(THOUSANDS OF DOLLARS)		1/
I. MOTOR-FUEL CONSUMPTION		VI. HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS		
A. COMMONWEALTH TAX RATE PER GALLON ON DECEMBER 31:		A. NET HIGHWAY-USER REVENUES:	193,743	-
1. GASOLINE	\$.16	1. MOTOR-FUEL TAXES	68,833	-
2. DIESEL AND L.P.G.	\$.08	2. MOTOR-VEHICLE AND CARRIER TAXES	202,576	-
B. NET GALLONS TAXED (1,000):	845,192	3. SUBTOTAL TOLL RECEIPTS	36,456	-
1. AT PREVAILING RATES	2,377	B. OTHER STATE TAXES	57,101	21,000
2. AT OTHER RATES (AVIATION)	847,569	D. GENERAL FUND APPROPRIATION	55,036	26,000
3. TOTAL		E. FEDERAL HIGHWAY ADMINISTRATION FUNDS	20,370	-
		F. OTHER FEDERAL FUNDS	-	-
II. MOTOR-FUEL TAX RECEIPTS (\$1,000)		G. PARKING FUNDS	-	-
A. GROSS GALLONAGE RECEIPTS	137,201	H. INTERAGENCY PAYMENTS	266,245	-
B. LESS:	342	I. PROCEEDS FROM BONDS	-	-
1. REFUNDS PAID	48	J. PROCEEDS FROM NOTES	16,446	-
2. DEDICATED GASOLINE TAX (AVIATION)	772	K. MISCELLANEOUS RECEIPTS	-	-
C. OTHER RECEIPTS		L. TOTAL RECEIPTS	654,230	47,000
D. NET TOTAL RECEIPTS	137,583	M. RESERVES AT BEGINNING OF YEAR	126,929	-
		N. TOTAL FUNDS AVAILABLE	781,159	47,000
III. MOTOR-VEHICLE REGISTRATIONS		VII. DISBURSEMENTS FROM HIGHWAY-USER REVENUES AND OTHER RECEIPTS APPLICABLE TO HIGHWAYS		
A. AUTOMOBILES	1,304,733	A. EXPENSES OF COLLECTING AND ADMINISTERING HIGHWAY-USER REVENUES	6,538	-
B. TRUCKS	200,416	B. CAPITAL OUTLAY:	73,072	NA
C. BUSES	2,899	1. RURAL ARTERIAL	26,308	2,329
D. TOTAL	1,508,048	2. RURAL COLLECTOR	58,515	NA
E. TRAILERS	9,167	3. URBAN ARTERIAL	11,623	323
F. MOTORCYCLES	18,665	4. URBAN COLLECTOR	47,993	9,048
		5. LOCAL ROADS AND STREETS	217,711	11,700
IV. DRIVER LICENSES		6. SUBTOTAL	31,495	26,000
A. LEARNER PERMITS ISSUED	85,025	C. MAINTENANCE	55,972	-
B. OPERATOR LICENSES ISSUED	275,994	D. ADMINISTRATION	17,628	-
C. CHAUFFEUR LICENSES ISSUED	1,499,566	E. HIGHWAY POLICE AND SAFETY	48,922	1,648
D. MOTORCYCLE OPERATOR LICENSES	67	F. BOND INTEREST	192,170	3,184
E. DRIVER LICENSES IN FORCE	33,509	G. BOND RETIREMENT	-	96
		H. NOTE INTEREST	68,397	357
V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)		I. NOTE RETIREMENT	-	-
A. REGISTRATION FEES	60,165	J. MASS TRANSPORTATION	68,397	-
B. DRIVER LICENSES	4,415	K. NONHIGHWAY EXPENDITURES	-	-
C. MOTOR CARRIERS	71	L. TOTAL DISBURSEMENTS	638,233	42,985
D. OTHER	4,116	M. RESERVES AT END OF YEAR	142,926	-
E. TOTAL	68,767	N. TOTAL FUNDS ACCOUNTED FOR	781,159	42,985
		VIII. BONDED INDEBTEDNESS		
		A. AMOUNT OUTSTANDING BEGINNING OF YEAR	605,175	2/ 24,506
		B. OBLIGATIONS ISSUED (PAR VALUE)	286,665	-
		C. OBLIGATIONS REDEEMED (PAR VALUE)	192,170	2/ 3,541
		D. AMOUNT OUTSTANDING END OF YEAR	699,670	2/ 20,965
		BEGINNING OF FISCAL 1988, \$357,000 REDEEMED, AND \$607,000 OUTSTANDING AT THE END OF THE 1988 FISCAL YEAR.		
1/ ESTIMATED FOR THE 1988 FISCAL YEAR.				
2/ INCLUDES SHORT TERM NOTES OF \$964,000 OUTSTANDING AT THE				

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

COMPILED IN COOPERATION WITH THE COMMONWEALTH AUTHORITIES

TABLE PR-1
 SHEET 2 OF 2
 SEPTEMBER 1990

ACCESS CONTROL, FEDERAL-AID SYSTEMS, LANE WIDTH AND VEHICLE-MILES	RURAL					URBAN					TOTAL			
	INTERSTATE	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	TOTAL	INTERSTATE	OTHER FRECKWAYS AND EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL		MINOR ARTERIAL	COLLECTOR	LOCAL
NO ACCESS CONTROL UNDIVIDED: 4 OR MORE LANES	-	54	217	1,006	521	-	1,798	-	1	167	327	437	-	932
DIVIDED: 4 OR MORE LANES	-	-	3	-	-	-	3	-	4	20	40	20	-	84
DIVIDED: LESS THAN 4 LANES	4	9	7	-	-	-	16	-	-	1	2	13	-	3
PARTIAL ACCESS CONTROL UNDIVIDED: 4 OR MORE LANES	-	2	-	4	-	-	6	-	1	-	-	1	-	2
DIVIDED: 4 OR MORE LANES	12	-	-	-	-	-	12	11	-	-	-	-	-	11
DIVIDED: LESS THAN 4 LANES	31	-	-	-	-	-	31	69	3	-	-	4	-	77
FULL ACCESS CONTROL UNDIVIDED: 4 OR MORE LANES	-	14	-	2	-	-	2	35	43	-	-	-	-	78
TOTAL MILEAGE	83	79	227	1,012	521	-	1,922	115	67	245	374	475	-	1,276
MILEAGE BY ACCESS CONTROL, DIVIDED HIGHWAY AND LANES 1/														
RURAL: PRIMARY	83	79	227	851	-	-	389	-	-	-	-	-	-	389
SECONDARY	-	-	-	-	-	-	851	-	-	-	-	-	-	851
TOTAL RURAL FEDERAL-AID	83	79	227	851	-	-	1,240	-	-	-	-	-	-	1,240
URBAN: PRIMARY	-	-	-	-	-	-	-	115	36	159	17	-	-	327
SECONDARY	-	-	-	-	-	-	-	-	19	85	315	179	-	598
TOTAL URBAN FEDERAL-AID	-	-	-	-	-	-	-	115	55	244	332	179	-	925
NON-FEDERAL-AID	-	-	-	161	521	7,244	7,926	-	12	1	42	296	2,743	11,020
TOTAL MILEAGE	83	79	227	1,012	521	7,244	9,166	115	67	245	374	475	2,743	13,185
MILEAGE BY FEDERAL-AID SYSTEM 2/														
RURAL: PRIMARY	83	79	227	851	-	-	389	-	-	-	-	-	-	389
SECONDARY	-	-	-	-	-	-	851	-	-	-	-	-	-	851
TOTAL RURAL FEDERAL-AID	83	79	227	851	-	-	1,240	-	-	-	-	-	-	1,240
URBAN: PRIMARY	-	-	-	-	-	-	-	115	36	159	17	-	-	327
SECONDARY	-	-	-	-	-	-	-	-	19	85	315	179	-	598
TOTAL URBAN FEDERAL-AID	-	-	-	-	-	-	-	115	55	244	332	179	-	925
NON-FEDERAL-AID	-	-	-	161	521	7,244	7,926	-	12	1	42	296	2,743	11,020
TOTAL MILEAGE	83	79	227	1,012	521	7,244	9,166	115	67	245	374	475	2,743	13,185
MILEAGE BY LANE WIDTH 1/														
8 FEET OR LESS	-	6	13	370	253	-	642	-	1	21	41	98	-	161
9 FEET	-	13	44	398	212	-	607	-	-	21	66	78	-	165
10 FEET	-	12	57	239	38	-	346	2	3	48	89	81	-	217
11 FEET	-	12	20	6	18	-	56	1	21	41	56	57	-	176
12 FEET OR MORE	83	36	93	59	-	-	271	112	42	114	128	161	-	557
TOTAL MILEAGE	83	79	227	1,012	521	-	1,922	115	67	245	374	475	-	1,276
VEHICLE-MILES OF TRAVEL (MILLIONS)														
VEHICLE-MILES OF TRAVEL	742	415	589	1,083	412	599	3,840	2,332	937	1,903	1,467	1,120	1,119	8,878
1/ AS EXPANDED FROM THE 1989 HPMS SAMPLE DATA. DATA ON LOCAL FUNCTIONAL SYSTEM NOT AVAILABLE.														
2/ DOES NOT INCLUDE 32 MILES OF FEDERAL-AID SECONDARY FERRYBOAT MILEAGE.														

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

COMPILED FOR THE CALENDAR YEAR FROM
REPORTS OF TERRITORIAL AUTHORITIES

TABLE TER-1
SHEET 1 OF 2
OCTOBER 1990

MOTOR FUEL, MOTOR VEHICLES, DRIVER LICENSES AND HIGHWAY FINANCE	AMERICAN SAMOA 2/	GUAM 3/	NORTHERN MARIANAS	VIRGIN ISLANDS
I. MOTOR-FUEL CONSUMPTION				
A. TERRITORIAL TAX RATE PER GALLON ON DECEMBER 31:				
1. GASOLINE	\$0.115	\$0.11	\$0.10	\$0.14
2. DIESEL AND LPG	-	NA	\$0.10	\$0.14
B. NET GALLONS TAXED (1,000)				
1. AT PREVAILING RATES	3,695	47,411	28,518	28,602
2. AT OTHER RATES	-	NA	-	-
3. TOTAL	3,695	47,411	28,518	28,602
II. MOTOR-FUEL TAX RECEIPTS (\$1,000)				
A. GROSS GALLONAGE RECEIPTS	425	NA	2,852	4,004
B. LESS:				
1. REFUNDS PAID	-	-	-	-
2. DEDICATED GALLONAGE TAX	-	NA	-	-
C. OTHER RECEIPTS	-	NA	-	-
D. NET TOTAL RECEIPTS	425	4,164	2,852	4,004
III. MOTOR-VEHICLE REGISTRATIONS 4/				
A. AUTOMOBILES	4,447	52,923	16,170	32,886
B. BUSES	126	264	334	44
C. TRUCKS	319	15,490	5,268	7,245
D. TOTAL	4,892	68,677	21,772	40,175
E. TRAILERS	8	1,134	4	132
F. MOTORCYCLES	59	2,578	445	600
IV. DRIVER LICENSES				
A. LEARNER PERMITS ISSUED	229	-	356	4,797
B. OPERATOR LICENSES ISSUED	1,959	24,794	7,214	15,221
C. CHAUFFEUR LICENSES ISSUED	603	1,863	-	677
D. MOTORCYCLE LICENSES ISSUED	-	357	974	670
E. DRIVER LICENSES IN FORCE	6,256	5/ 70,026	5/ 11,974	NA
V. MOTOR-VEHICLE TAX RECEIPTS (\$1,000)				
A. REGISTRATION FEES	57	2,510	635	1,851
B. DRIVER LICENSES	14	107	110	244
C. MOTOR CARRIERS	-	-	-	-
D. OTHER	-	NA	-	-
E. TOTAL	71	2,617	745	2,095
VI. HIGHWAY RECEIPTS (\$1,000)				
A. HIGHWAY-USER REVENUE	496	6,574	3,597	6,099
B. GENERAL FUNDS	-	-	-	-
C. FHWA FUNDS	1,983	2,839	980	5,200
D. OTHER FEDERAL FUNDS	138	183	-	142
E. TOTAL RECEIPTS	2,617	9,596	4,577	11,441
VII. HIGHWAY DISBURSEMENTS (\$1,000)				
A. CAPITAL OUTLAY	1,843	1,233	1,744	4,632
B. MAINTENANCE	763	2,476	222	1,159
C. ADMINISTRATION	22	828	414	1,027
D. HIGHWAY LAW ENFORCEMENT	267	459	900	-
E. TOTAL DISBURSEMENTS	2,895	4,996	3,280	6,818

HIGHWAY STATISTICS FOR AMERICAN SAMOA, GUAM, VIRGIN ISLANDS AND THE NORTHERN MARIANAS - 1989

TABLE TER-1
SHEET 2 OF 2
SEPTEMBER 1990

COMPILED FOR THE CALENDAR YEAR FROM REPORTS OF TERRITORIAL AUTHORITIES

MILEAGE AND TRAVEL	AMERICAN SAMOA 6/			GUAM 7/			NORTHERN MARIANAS 8/			VIRGIN ISLANDS 9/		
	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL	FEDERAL AID	NON-FEDERAL AID	TOTAL
MILEAGE BY SURFACE TYPE												
SURFACE TYPE:												
A, B, C	19	10	29	13	13	26	41	41	82	-	-	82
D, E	99	15	114	128	192	320	34	34	68	-	-	68
F, G-1, H-1	-	-	-	-	-	-	56	56	112	-	-	112
G-2, H-2, I	-	-	-	-	5	5	-	176	181	-	-	181
UNCLASSIFIED BY SURFACE TYPE												
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	-	-	307
MILEAGE BY SYSTEMS												
PRIMARY:												
RURAL MUNICIPAL	107	-	107	61	-	61	62	-	62	245	224	469
SECONDARY:	11	-	11	61	-	72	-	-	72	10	28	90
MUNICIPAL	-	-	-	6	225	231	69	128	197	-	-	197
RURAL COUNTY ROADS	-	-	-	-	125	125	-	48	173	-	135	313
LOCAL ROADS UNDER STATE CONTROL	-	20	20	-	-	-	-	-	-	-	64	64
OTHER	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
MILEAGE BY ROADWAY WIDTH												
LESS THAN 20 FEET	53	19	72	2	-	2	50	-	50	210	138	388
20-21	42	2	44	72	-	72	18	-	18	-	42	60
22-23	-	-	-	14	-	14	34	-	34	12	-	46
24-26	-	-	-	2	-	2	13	-	13	-	-	26
27-35	-	-	-	5	-	5	10	-	10	-	12	22
36-43	-	-	-	7	-	7	5	-	5	-	-	12
44-47	-	-	-	20	-	20	6	-	6	33	-	39
48 AND OVER	23	4	27	6	350	356	-	176	176	-	-	352
UNCLASSIFIED BY WIDTH												
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME												
VEHICLES PER DAY:												
LESS THAN 400	66	-	66	-	-	-	25	-	25	2	18	43
400 - 999	6	-	6	24	-	24	1	-	1	23	35	42
1,000 - 1,999	23	-	23	23	-	23	7	-	7	20	20	47
2,000 - 2,999	-	-	-	10	-	10	4	-	4	18	45	63
3,000 - 3,999	-	-	-	2	-	2	3	-	3	7	12	22
4,000 - 4,999	-	-	-	12	-	12	14	-	14	26	36	50
5,000 - 9,999	-	-	-	19	-	19	7	-	7	11	32	39
10,000 - 14,999	-	-	-	18	-	18	2	-	2	6	13	21
15,000 - 19,999	-	-	-	2	-	2	2	-	2	17	24	26
20,000 - 29,999	-	-	-	9	-	9	-	-	-	42	59	68
30,000 - 39,999	-	-	-	7	-	7	56	-	56	42	122	164
40,000 AND OVER	23	25	48	7	350	357	-	176	176	-	-	352
UNCLASSIFIED BY ADT												
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
MILEAGE BY LANES AND ACCESS CONTROL												
LANES:												
2 LANES	-	-	-	60	-	60	126	-	126	233	425	658
3 LANES	-	-	-	5	-	5	5	-	5	-	26	31
ONE-WAY STREETS	-	-	-	10	-	10	-	-	-	11	-	11
UNDIVIDED 4 OR MORE LANES	-	-	-	-	-	-	-	-	-	-	-	-
DIVIDED 4 OR MORE LANES	-	-	-	-	-	-	-	-	-	-	-	-
NO ACCESS CONTROL	-	-	-	-	-	-	-	-	-	-	-	-
PARTIAL ACCESS CONTROL	-	-	-	33	-	33	-	-	-	9	-	9
FULL ACCESS CONTROL	-	-	-	-	-	-	-	-	-	-	-	-
UNCLASSIFIED	118	25	143	128	350	478	131	176	307	255	451	706
TOTAL MILEAGE	118	25	143	128	350	478	131	176	307	255	451	706
VEHICLE-MILES OF TRAVEL (MILLIONS)												
1/ DATA NOT AVAILABLE.	63	8	71	529	67	596	126	33	159	354	423	777

ACCESS CONTROL ARE ESTIMATED BASED ON 1986 INFORMATION. 118 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U. S. C. 402(C)).
 6/ GUAM'S 1989 PUBLIC ROAD MILEAGE EQUALS 450 MILES.
 7/ 167 MILES OF TOTAL MILEAGE ARE CLASSIFIED AS PUBLIC ROAD MILEAGE (23 U. S. C. 402(C)).
 8/ 684 MILES ARE CLASSIFIED AS PUBLIC ROAD MILEAGE.
 9/ ROADWAY WIDTH DATA IS ESTIMATED BASED ON 1984 INFORMATION. SYSTEMS AND LANES AND

VEHICLES, DRIVERS, AND FUELS

Motor Fuel

Motor Vehicles

Driver Licensing

HIGHWAY FINANCE

Summary for All Units of Government

Federal Highway Finance

State Highway Finance

Local Road and Street Finance

ROADWAY EXTENT, CHARACTERISTICS, AND PERFORMANCE

National Summaries

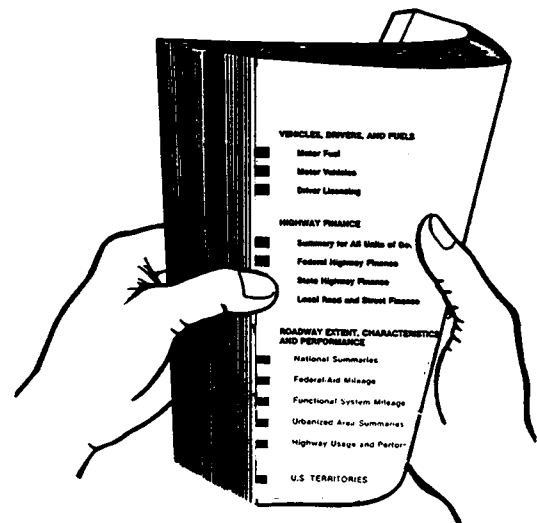
Federal-Aid Mileage

Functional System Mileage

Urbanized Area Summaries

Highway Usage and Performance

U.S. TERRITORIES



HOW TO USE THIS INDEX

Place left thumb on the outer edge of this page. To locate the desired entry, fold back the remaining page edges and align the index edge mark with the appropriate page edge mark.