



U.S. Department
of Transportation

Federal Highway
Administration

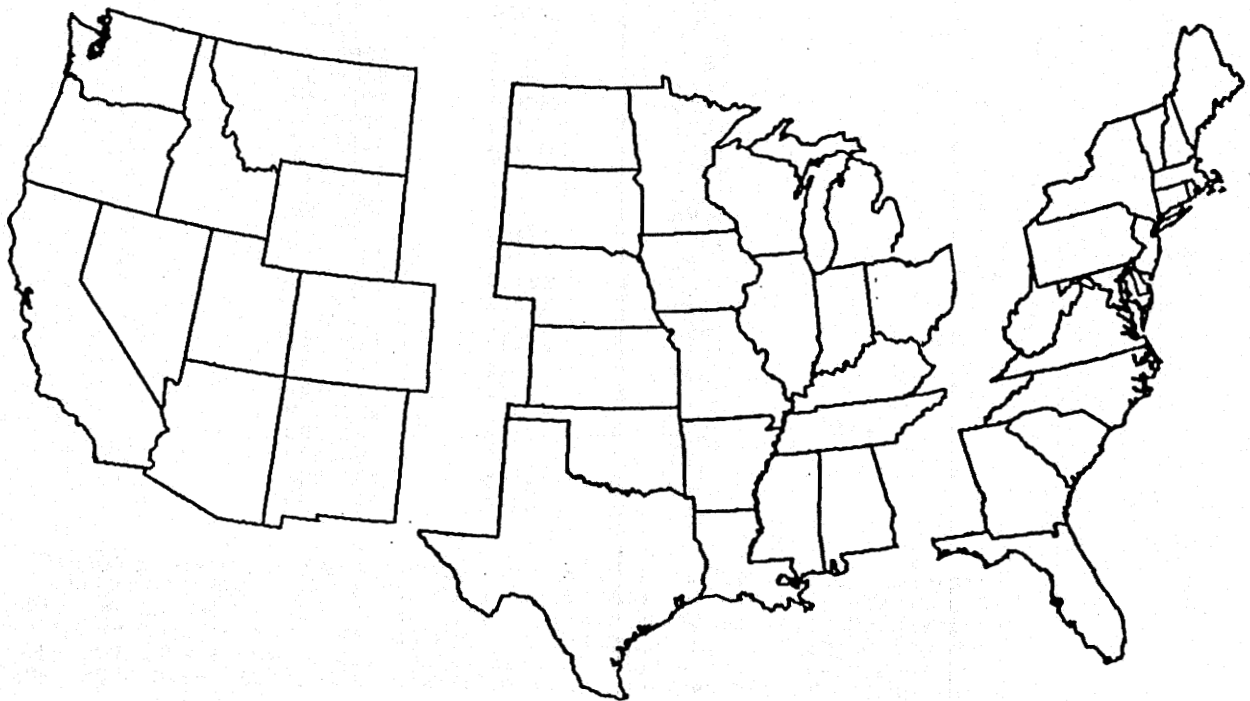
TRAFFIC VOLUME TRENDS

NOVEMBER 1993

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**TRAVEL ON ALL ROADS AND STREETS WAS UP BY 3.7 PERCENT.
FOR NOVEMBER 1993 AS COMPARED TO NOVEMBER 1992.**



WESTERN

CENTRAL

EASTERN

ESTIMATED VEHICLE-MILES OF TRAVEL BY REGION - NOVEMBER 1993.

38.9 BILLION

79.6 BILLION

65.1 BILLION

PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR

+4.2

+4.3

+2.7

NOTE:

**ALL DATA FOR THIS MONTH ARE PRELIMINARY. REVISED VALUES FOR THE
PREVIOUS MONTH ARE SHOWN IN TABLES 1 AND 2.**

ALL VEHICLE-MILES OF TRAVEL COMPUTED WITH 1992 TABLE VM-2 AS A BASE.

COMPILED WITH DATA ON HAND AS JANUARY 24, 1994.

TRAFFIC VOLUME TRENDS - NOVEMBER 1993

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING NOVEMBER 1993 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 3.7 PERCENT AS COMPARED TO NOVEMBER 1992, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 184618 MILLION VEHICLE-MILES. THIS TOTAL INCLUDES 71855 MILLION VEHICLE-MILES ON RURAL ROADS AND 112762 MILLION VEHICLE-MILES ON URBAN ROADS AND STREETS.

TRAVEL FOR THE CURRENT MONTH AS WELL AS THE CUMULATIVE YEARLY TOTAL ON ALL ROADS AND STREETS IS SHOWN BELOW. SIMILAR TOTALS FOR EACH YEAR SINCE 1970 ARE ALSO INCLUDED.

TRAVEL IN MILLIONS
ALL ROADS AND STREETS

YEAR	NOVEMBER	YEAR TO DATE
1970	89684	1030417
1971	95555	1090100
1972	100791	1167322
1973	104381	1209432
1974	105079	1184562
1975	106990	1222130
1976	112996	1296133
1977	118486	1347152
1978	123690	1423617
1979	123381	1405906
1980	123420	1396058
1981	124804	1425849
1982	127061	1465342
1983	133700	1519330
1984	137272	1580673
1985	140872	1633178
1986	147813	1688613
1987	155676	1768747
1988	162957	1860788
1989	169735	1939510
1990	171565	1978880
1991	169693	1999432
1992	178030	2059888
1993	184618	2108139

"TRAFFIC VOLUME TRENDS" IS A MONTHLY REPORT BASED ON HOURLY TRAFFIC COUNT DATA. THESE DATA, COLLECTED AT APPROXIMATELY 4000 CONTINUOUS TRAFFIC COUNTING LOCATIONS NATIONWIDE, ARE USED TO DETERMINE THE PERCENT CHANGE IN TRAFFIC FOR THE CURRENT MONTH COMPARED TO THE SAME MONTH IN THE PREVIOUS YEAR. THIS PERCENT CHANGE IS APPLIED TO THE TRAVEL FOR THE SAME PERIOD IN THE PREVIOUS YEAR TO OBTAIN TRAVEL FOR THE CURRENT PERIOD.

FOR ADDITIONAL INFORMATION, FOR EXTRA COPIES, OR TO BE PUT ON THE MONTHLY MAILING LIST, CONTACT:

KENNETH H. WELTY
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF HIGHWAY INFORMATION MANAGEMENT
400 7TH STREET S.W., ROOM 3300 - HPM-30
WASHINGTON, D.C. 20590

PHONE 202-366-5055

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FIGURE 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS

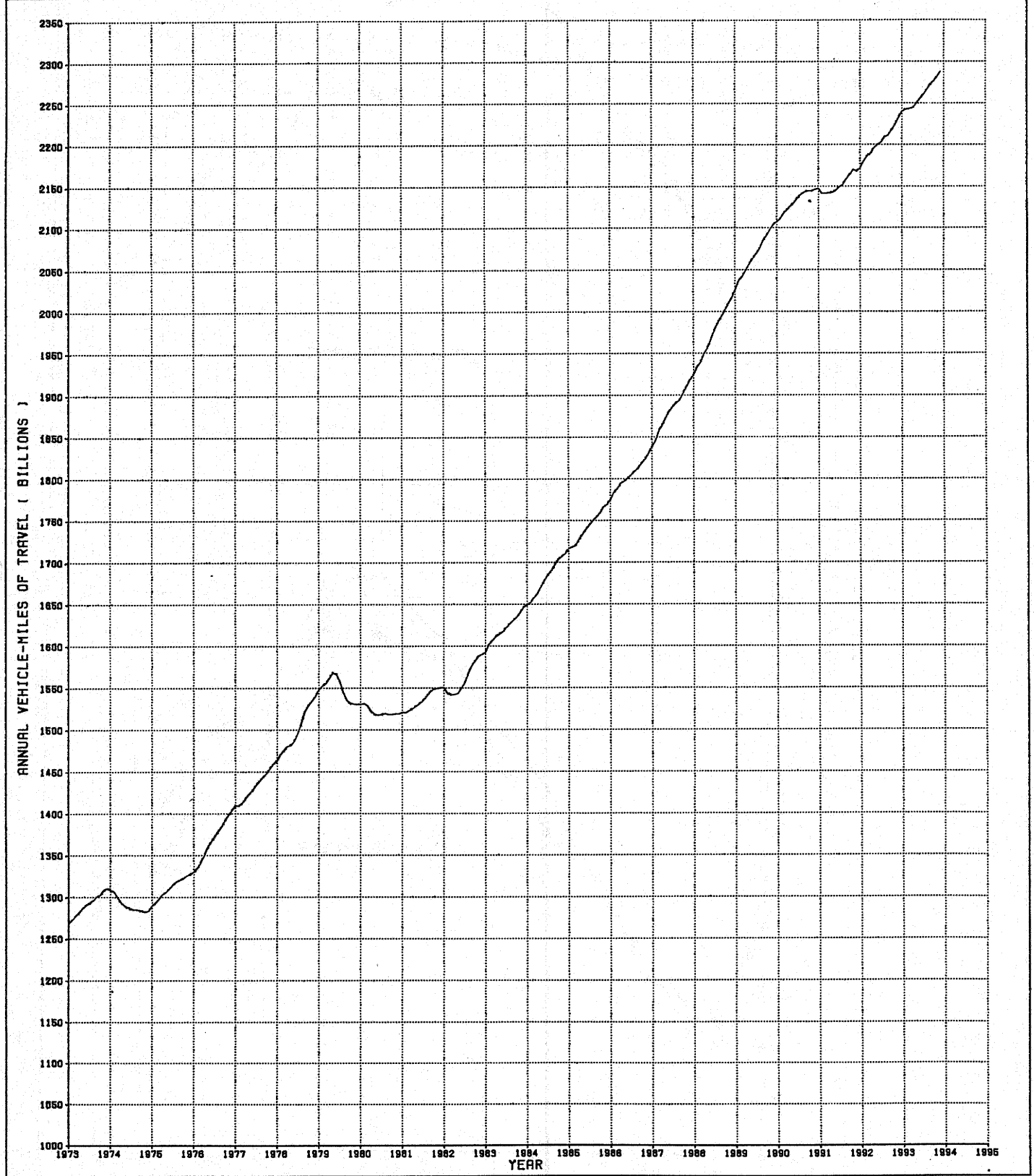


FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH

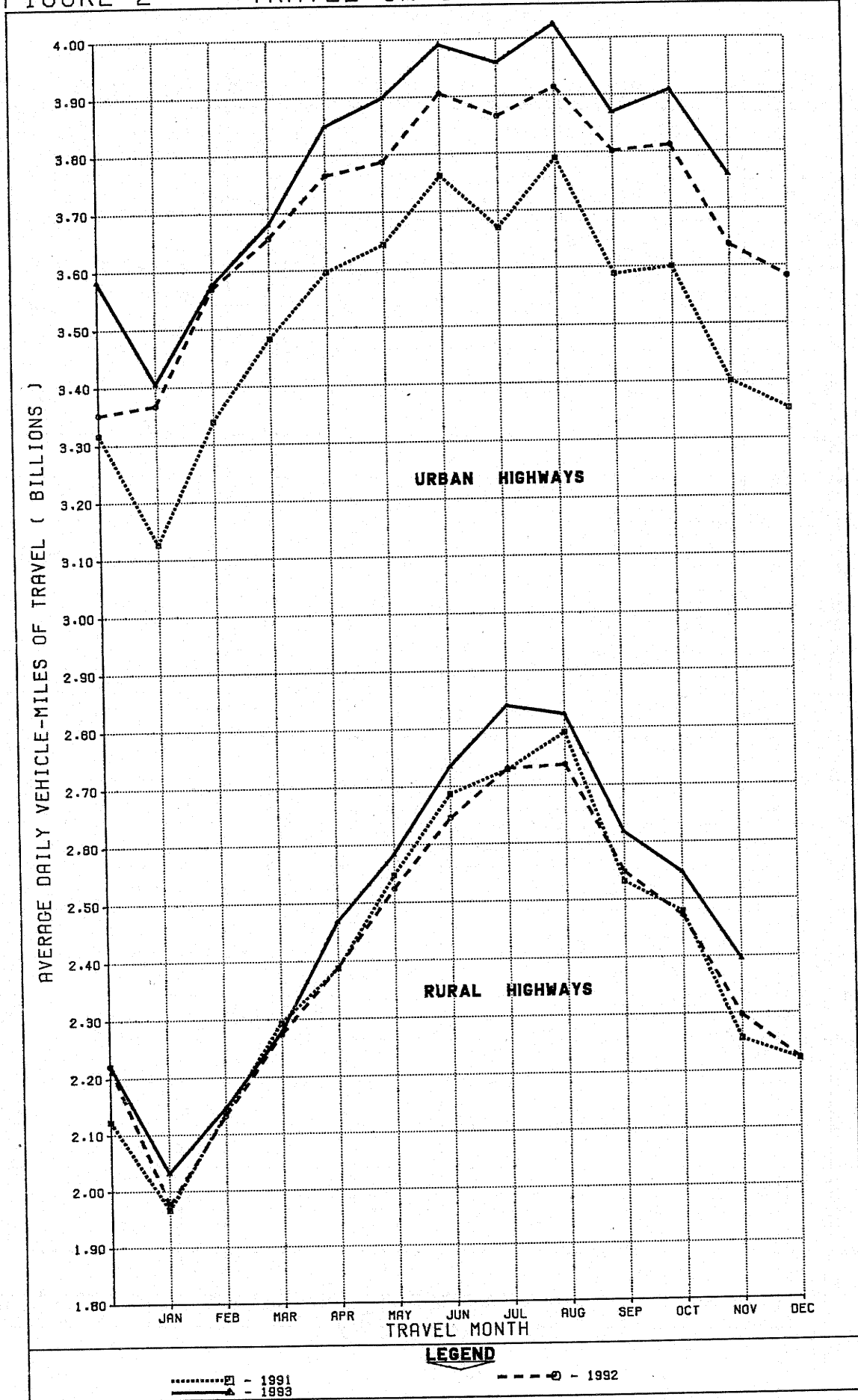


TABLE 1.

ESTIMATED INDIVIDUAL MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES *

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1992 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS												
RURAL ARTERIAL	37.4	36.6	43.5	44.4	48.1	49.4	53.4	53.6	47.6	47.6	43.2	43.0
OTHER RURAL	23.8	23.1	27.0	27.2	30.2	30.0	31.3	31.2	28.8	29.0	25.7	25.9
URBAN	104.4	99.9	113.3	112.9	117.4	117.2	119.8	121.4	114.1	118.2	109.1	111.1
ALL SYSTEMS	165.6	159.7	183.8	184.6	195.7	196.6	204.5	206.2	190.5	194.8	178.0	179.9
1993 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	38.7	37.1	43.7	45.9	49.3	51.3	55.6	55.4	49.1	49.0	45.2	
OTHER RURAL	24.3	23.0	27.0	28.1	30.8	30.8	32.4	32.2	29.5	30.0	26.6	
URBAN	105.6	100.1	114.1	115.5	120.9	119.7	122.7	124.8	116.1	121.2	112.8	
ALL SYSTEMS	168.5	160.2	184.7	189.6	201.0	201.8	210.7	212.3	194.6	200.1	184.6	
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1993 VS. 1992												
RURAL ARTERIAL	3.4	1.3	0.3	3.3	2.6	3.9	4.2	3.2	3.0	2.9	4.7	
OTHER RURAL	2.2	-0.4		3.2	1.9	2.5	3.6	3.2	2.2	3.3	3.5	
URBAN	1.1	0.2	0.7	2.3	3.0	2.2	2.4	2.8	1.8	2.5	3.4	
ALL SYSTEMS	1.8	0.4	0.5	2.7	2.7	2.6	3.1	3.0	2.2	2.7	3.7	

TABLE 2.

ESTIMATED CUMULATIVE MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES *

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1992 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS												
RURAL ARTERIAL	37.4	74.0	117.5	162.0	210.0	259.4	312.8	366.4	414.0	461.7	504.9	547.8
OTHER RURAL	23.8	46.9	73.9	101.1	131.3	161.3	192.6	223.8	252.6	281.6	307.3	333.3
URBAN	104.4	204.3	317.7	430.6	548.0	665.2	785.0	906.4	1020.4	1138.6	1247.7	1358.7
ALL SYSTEMS	165.6	325.3	509.1	693.7	889.4	1085.9	1290.4	1496.5	1687.1	1881.9	2059.9	2239.8
1993 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	38.7	75.8	119.4	165.3	214.7	265.9	321.5	376.9	426.0	475.0	520.2	
OTHER RURAL	24.3	47.3	74.3	102.4	133.2	163.9	196.3	228.5	258.0	287.9	314.5	
URBAN	105.6	205.7	319.8	435.3	556.2	675.9	798.6	923.4	1039.5	1160.6	1273.4	
ALL SYSTEMS	168.5	328.8	513.5	703.0	904.0	1105.7	1316.5	1528.8	1723.4	1923.5	2108.1	
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1993 VS. 1992												
RURAL ARTERIAL	3.4	2.3	1.6	2.1	2.2	2.5	2.8	2.9	2.9	2.9	3.0	
OTHER RURAL	2.2	0.9	0.6	1.3	1.4	1.6	1.9	2.1	2.1	2.2	2.4	
URBAN	1.1	0.7	0.7	1.1	1.5	1.6	1.7	1.9	1.9	1.9	2.1	
ALL SYSTEMS	1.8	1.1	0.9	1.3	1.6	1.8	2.0	2.2	2.2	2.2	2.3	

* SYSTEM ENTRIES MAY NOT ADD TO GIVE "ALL SYSTEMS" TOTAL DUE TO ROUNDING.
 *** TO BE REVISED BASED ON 1993 FINAL TRAVEL ESTIMATES.
 FOR FURTHER INFORMATION CONTACT KENNETH WELTY, OFFICE OF HIGHWAY INFORMATION MANAGEMENT,
 FEDERAL HIGHWAY ADMINISTRATION, PHONE 202-366-5055.

TABLE 3.-SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR NOVEMBER			REVISED DATA FOR OCTOBER		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1993	1992		1993	1992	
RURAL ARTERIAL ROADS.....	45,247	43,222	4.7	48,994	47,618	2.9
OTHER RURAL ROADS.....	26,608	25,708	3.5	29,952	29,002	3.3
ALL RURAL ROADS.....	71,855	68,930	4.2	78,946	76,620	3.0
CITY STREETS.....	112,762	109,100	3.4	121,153	118,167	2.5
ALL ROADS AND STREETS.....	184,618	178,030	3.7	200,099	194,787	2.7
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	14,731	14,325	2.8	16,193	15,961	1.5
CENTRAL REGION.....	21,912	20,823	5.2	23,877	22,922	4.2
WESTERN REGION.....	8,428	7,905	6.6	8,736	8,552	2.1
TOTAL.....	45,071	43,053	4.7	48,806	47,435	2.9

TABLE 4.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	NOVEMBER (PRELIMINARY)		OCTOBER (REVISED)		DIVISION AND STATE	NOVEMBER (PRELIMINARY)		OCTOBER (REVISED)	
	NUMBER OF STATIONS	PER-CENTAGE CHANGE	NUMBER OF STATIONS	PER-CENTAGE CHANGE		NUMBER OF STATIONS	PER-CENTAGE CHANGE	NUMBER OF STATIONS	PER-CENTAGE CHANGE
NEW ENGLAND:					EAST SOUTH CENTRAL:				
CONNECTICUT.....	11	4.0	12	3.8	ALABAMA.....	41	6.2	47	4.7
MAINE.....	13	4.1	15	3.2	KENTUCKY.....	27	3.8	32	3.9
MASSACHUSETTS.....	8	5.6	5	1.7	MISSISSIPPI.....	23	6.3	25	6.7
NEW HAMPSHIRE.....	51	3.7	61	1.4	TENNESSEE.....	15	5.3	14	2.9
RHODE ISLAND.....	9	6.8	10	4.3	WEST NORTH CENTRAL:				
VERMONT.....	31	2.2	29	1.1	IOWA.....	62	7.5	121	4.9
MIDDLE ATLANTIC:					KANSAS.....	54	4.8	18	1.0
NEW JERSEY.....	7	2.2	7	- 0.8	MINNESOTA.....	-	-	-	-
NEW YORK.....	20	3.2	24	2.7	MISSOURI.....	49	6.9	57	4.0
PENNSYLVANIA.....	-	-	18	1.2	NEBRASKA.....	25	8.3	25	6.5
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	24	- 0.2	27	3.9
DELAWARE.....	-	-	20	- 0.2	SOUTH DAKOTA.....	12	10.3	18	8.0
MARYLAND.....	-	-	-	-	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	-	-	-	ARKANSAS.....	14	3.2	14	2.9
WEST VIRGINIA.....	-	-	-	-	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	26	4.3	26	4.4
FLORIDA.....	-	-	-	-	TEXAS.....	87	3.4	87	2.6
GEORGIA.....	-	-	-	-	MOUNTAIN:				
NORTH CAROLINA.....	11	- 1.7	10	- 2.6	ARIZONA.....	-	-	-	-
SOUTH CAROLINA.....	-	-	-	-	COLORADO.....	27	7.4	118	3.0
EAST NORTH CENTRAL:					IDAHO.....	-	-	-	-
ILLINOIS.....	14	6.9	15	3.2	MONTANA.....	42	2.8	38	5.0
INDIANA.....	-	-	-	-	NEVADA.....	-	-	-	-
MICHIGAN.....	-	-	62	5.1	NEW MEXICO.....	-	-	-	-
OHIO.....	16	3.8	-	3.2	UTAH.....	33	8.2	34	3.8
WISCONSIN.....	-	6.0	-	5.8	WYOMING.....	37	2.8	38	1.6
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	-	-	-	-	CALIFORNIA.....	-	-	12	- 0.6
					OREGON.....	-	-	56	4.1
					WASHINGTON.....	26	3.6	29	3.7

NOTE: 1-WHERE THE NUMBER OF STATIONS IS SHOWN AS A DASH AND A VALUE FOR PERCENTAGE CHANGE IS INDICATED, THE LATTER VALUE IS BASED ON A STATEWIDE ESTIMATE PROVIDED BY THE HIGHWAY AGENCY AS DETERMINED FROM EXTENSIVE TRAFFIC SAMPLING SURVEYS.

2-WHERE THE NUMBER OF STATIONS AND THE PERCENTAGE CHANGE ARE SHOWN AS DASHES, INSUFFICIENT INFORMATION WAS AVAILABLE TO DETERMINE AN ESTIMATE.



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2
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