



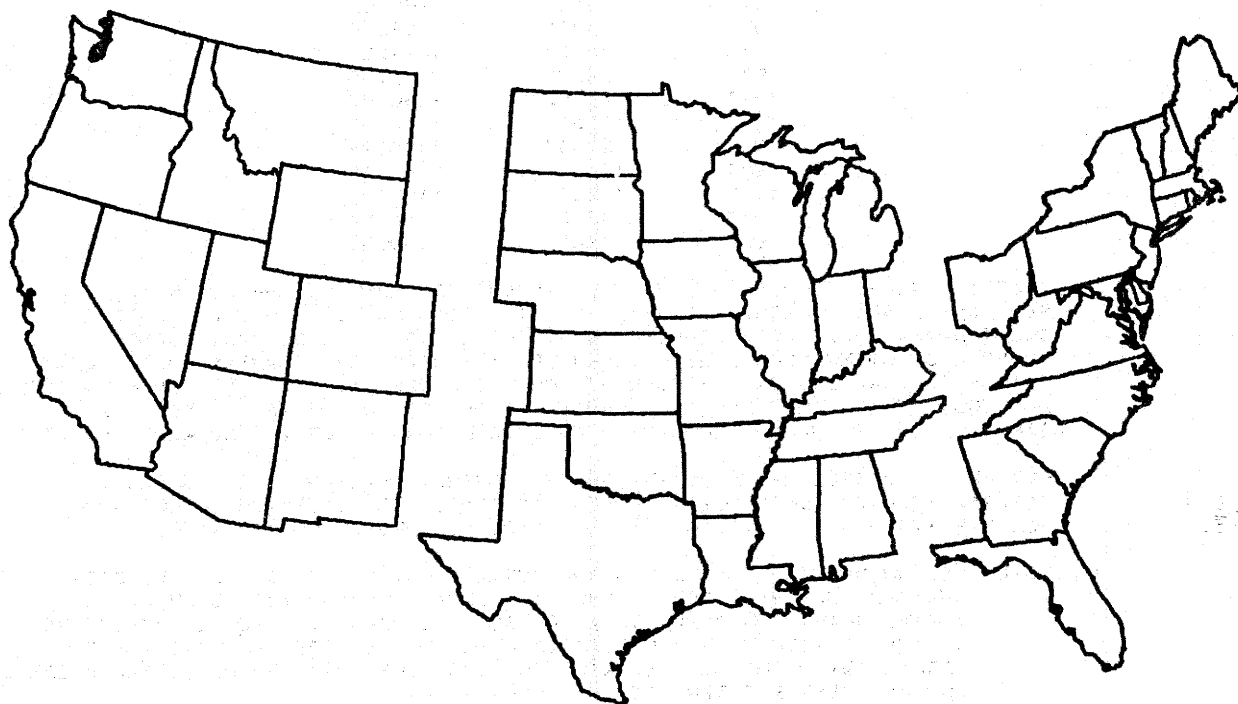
U.S. Department  
of Transportation  
**Federal Highway  
Administration**

HIGHWAY STATISTICS DIVISION

# TRAFFIC VOLUME TRENDS

## SEPTEMBER 1984

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 4.0 PERCENT  
FOR SEPTEMBER 1984 AS COMPARED TO SEPTEMBER 1983.**



WESTERN	CENTRAL	EASTERN
<b>ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - SEPTEMBER 1984.</b>		
<b>29.3 BILLION</b>	<b>64.0 BILLION</b>	<b>52.2 BILLION</b>
<b>PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR</b>		
<b>+5.1</b>	<b>+3.0</b>	<b>+4.7</b>

**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 HAVE BEEN COMPUTED WITH 1982 VM-2 AS A BASE.

COMPILED WITH DATA ON HAND AS OF NOVEMBER 19, 1984.

TRAFFIC VOLUME TRENDS - SEPTEMBER 1984

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING SEPTEMBER 1984 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 4.0 PERCENT AS COMPARED TO SEPTEMBER 1983, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 146491 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 62469 MILLION VEHICLE MILES ON RURAL ROADS AND 84022 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.

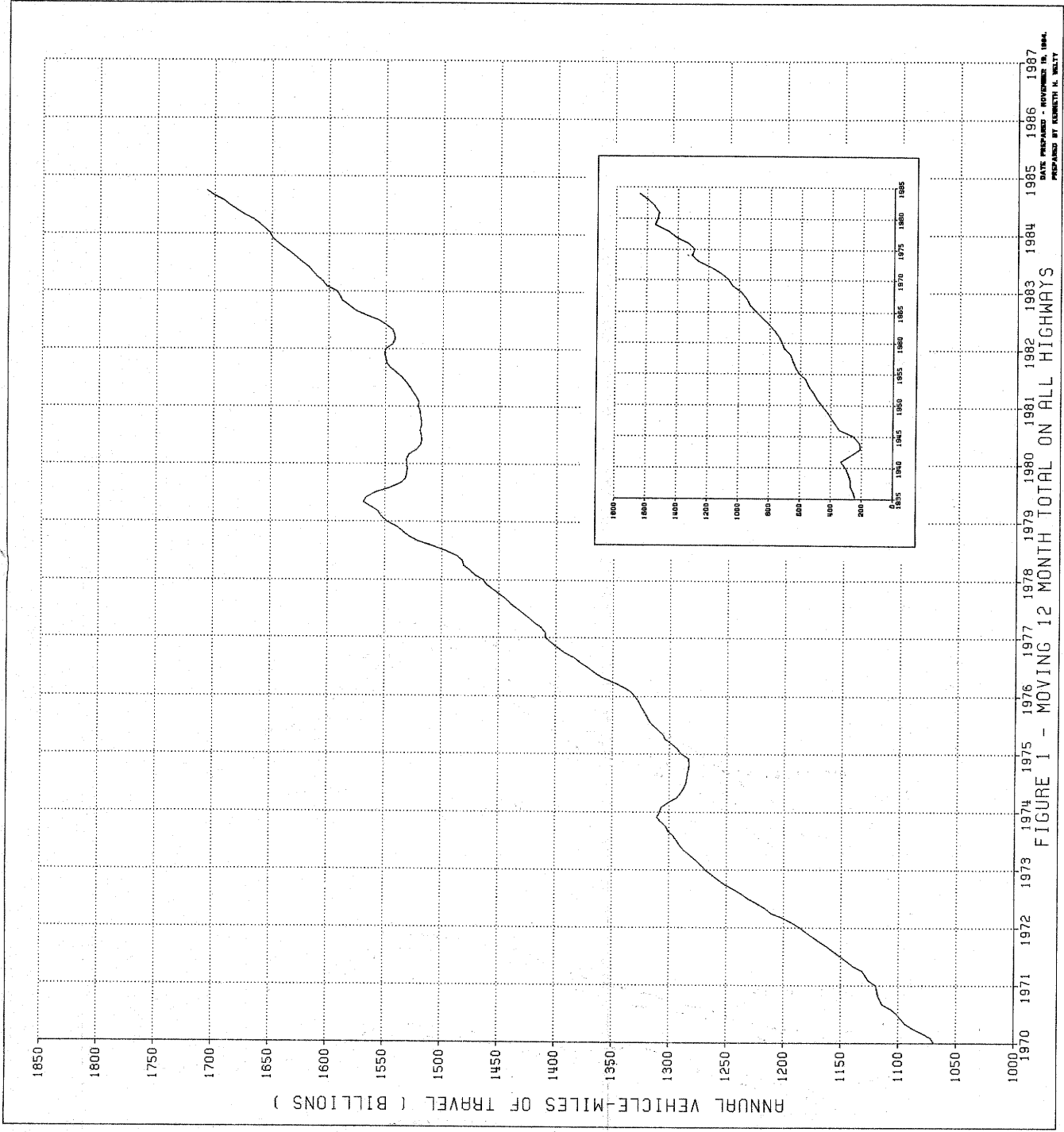
TRAVEL IN MILLIONS ALL ROADS AND STREETS		
YEAR	SEPTEMBER	YEAR TO DATE
1970	95254	844416
1971	101290	892020
1972	108072	957690
1973	110332	991962
1974	109125	966911
1975	111399	999890
1976	119431	1061927
1977	124203	1101278
1978	131385	1166997
1979	127576	1150906
1980	127482	1140023
1981	131185	1167829
1982	136311	1199501
1983	140859	1244407
1984	146491	1300903

TRAFFIC VOLUME TRENDS IS A MONTHLY REPORT PREPARED BY THE PLANNING SERVICES BRANCH, HIGHWAY STATISTICS DIVISION, 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 EXTRA COPIES, OR TO BE PUT ON THE MONTHLY MAILING LIST, CONTACT: FEDERAL HIGHWAY ADMINISTRATION HIGHWAY STATISTICS DIVISION, ROOM 3300 400 7TH STREETS SW. WASHINGTON, D.C. 20590. PHONE 202 426-0160.

NOTE: BEGINNING WITH 1980 DATA, THE RURAL HIGHWAY CATEGORIES HAVE BEEN CHANGED FROM MAIN RURAL ROADS AND LOCAL RURAL ROADS TO RURAL ARTERIAL ROADS AND OTHER RURAL ROADS. ALTHOUGH THE RURAL COMPONENTS OF THE REVISED DATA SERIES BEGINNING IN 1980 ARE NOT DIRECTLY COMPARABLE WITH THE SERIES PRIOR TO 1980, THE TOTAL RURAL, TOTAL URBAN AND ALL SYSTEM CATEGORIES ARE CONSISTENT.

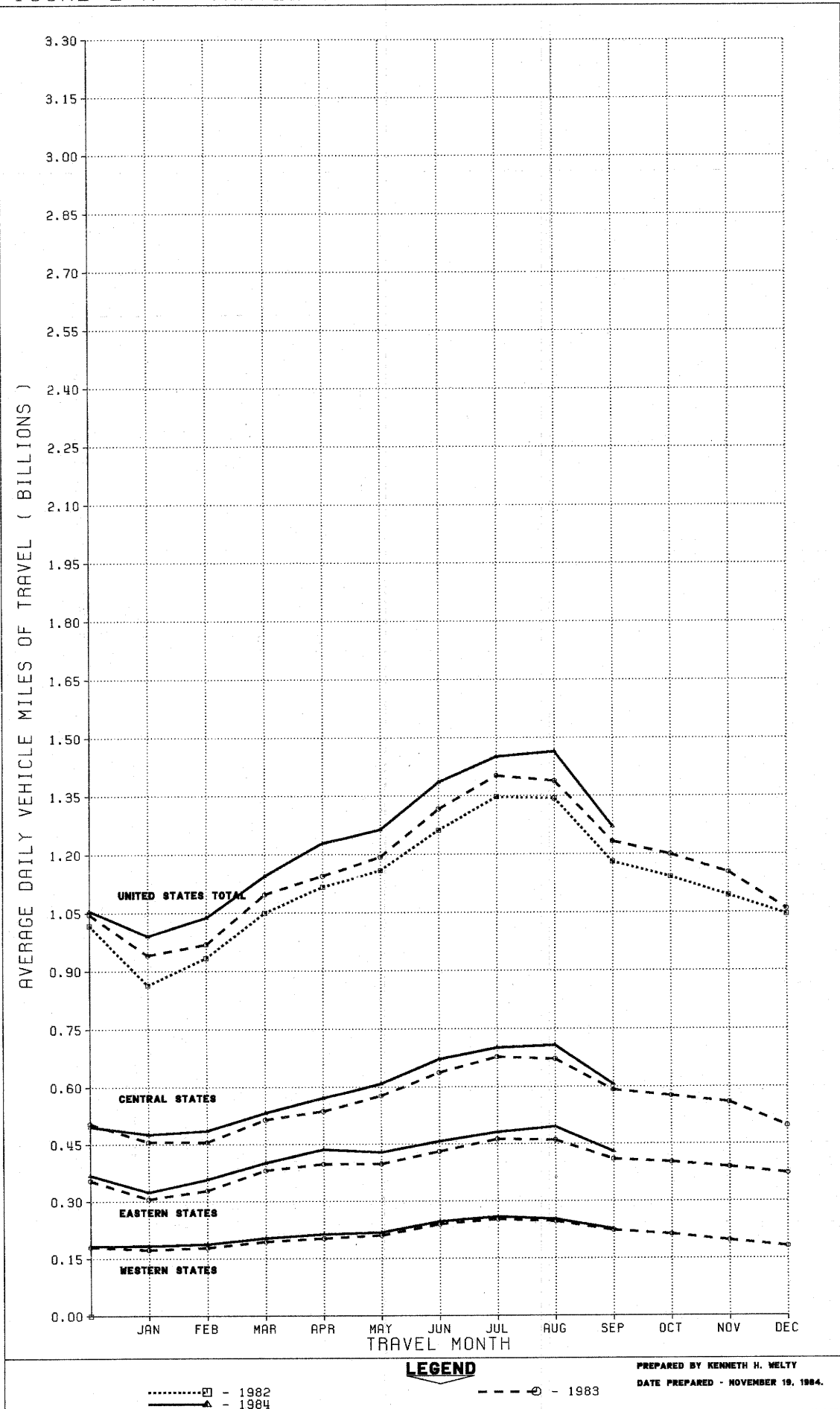
THE CHANGE HAS BEEN MADE TO PROVIDE CONSISTENCY WITH OTHER FHWA DATA SERIES AND TO ALLOW A MORE REPRESENTATIVE INDICATOR OF INTER-CITY TRAVEL PATTERNS.



DATE PREPARED - NOVEMBER 19, 1984  
 PREPARED BY KENNETH A. KELTY

FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS

FIGURE 2-A - TRAVEL ON RURAL ARTERIAL ROADS BY MONTH

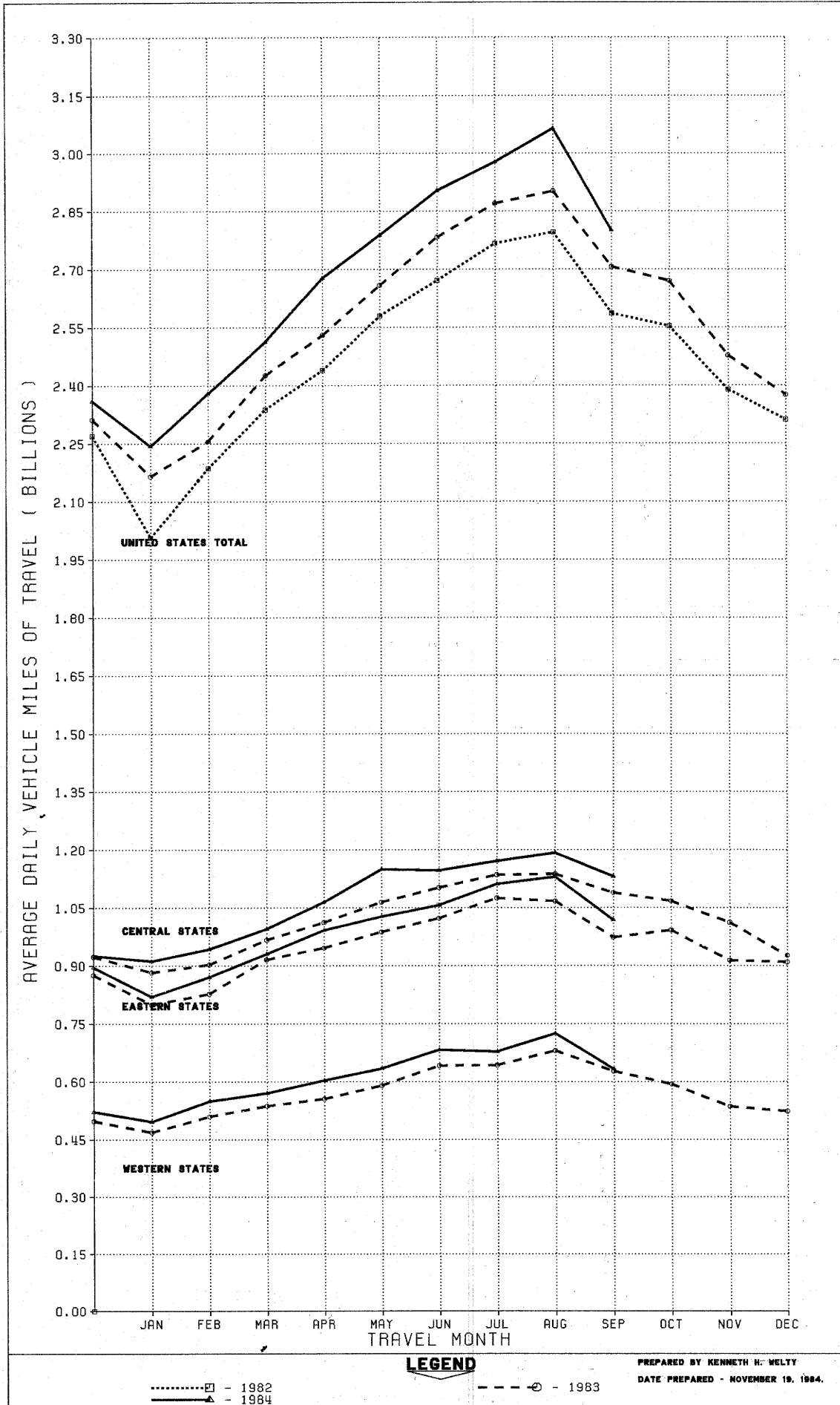


**LEGEND**

- .....□ - 1982
- - 1983
- △ - 1984

PREPARED BY KENNETH H. WELTY  
DATE PREPARED - NOVEMBER 19, 1984.

FIGURE 2-B - TRAVEL ON URBAN ROADS AND STREETS BY MONTH



LEGEND

.....□ - 1982  
 ————▲ - 1984

- - - - ○ - 1983

PREPARED BY KENNETH H. WELTY  
 DATE PREPARED - NOVEMBER 19, 1984.

FIGURE 3A - MOVING 12 MONTHS TRAVEL BY REGION - RURAL

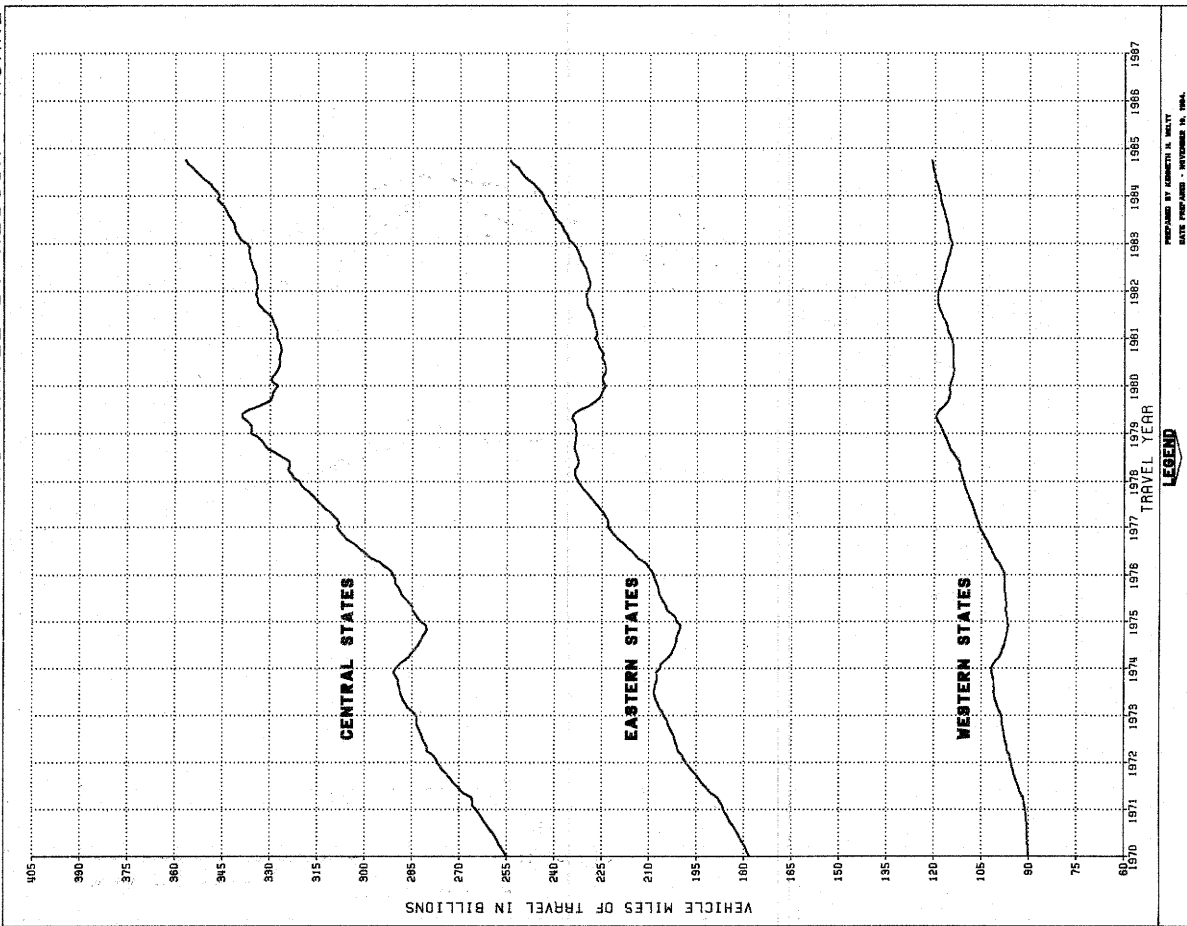


FIGURE 3B - MOVING 12 MONTHS TRAVEL BY REGION - URBAN

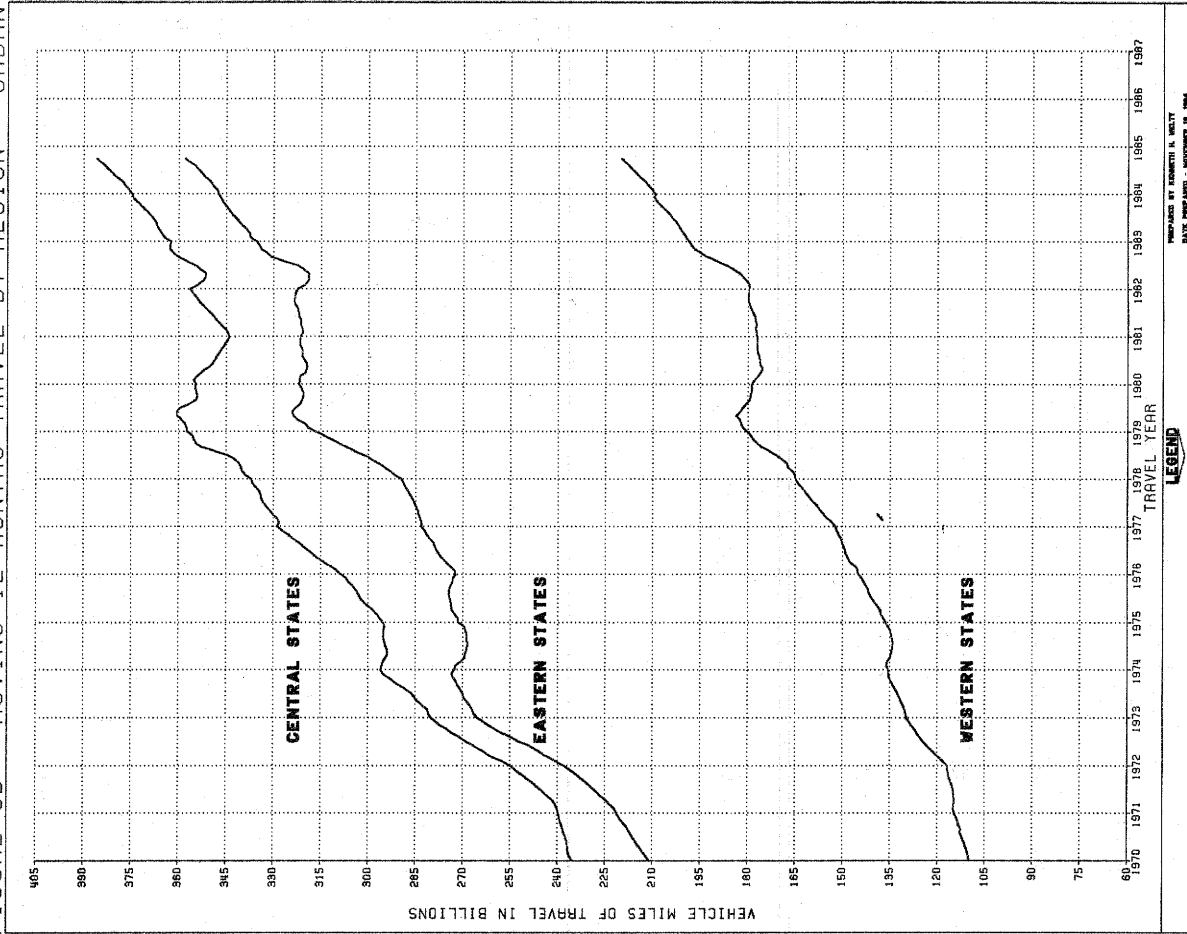


TABLE 1.-SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR SEPTEMBER			REVISED DATA FOR AUGUST		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1984	1983		1984	1983	
RURAL ARTERIAL ROADS.....	38,147	36,855	3.5	45,406	43,002	5.6
OTHER RURAL ROADS.....	24,321	23,686	2.7	26,131	25,108	4.1
ALL RURAL ROADS.....	62,469	60,541	3.2	71,537	68,110	5.0
CITY STREETS.....	84,022	80,318	4.6	95,023	90,060	5.5
ALL ROADS AND STREETS.....	146,491	140,859	4.0	166,560	158,169	5.3
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	12,899	12,307	4.8	15,362	14,281	7.6
CENTRAL REGION.....	18,211	17,720	2.8	21,943	20,795	5.5
WESTERN REGION.....	6,813	6,619	2.9	7,846	7,677	2.2
TOTAL.....	37,923	36,646	3.5	45,151	42,753	5.6

TABLE 2.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	SEPTEMBER (PRELIMINARY)		AUGUST (REVISED)		DIVISION AND STATE	SEPTEMBER (PRELIMINARY)		AUGUST (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.....	7	3.2	9	9.7	ALABAMA.....	31	6.6	44	7.1
MAINE.....	19	2.5	19	3.7	KENTUCKY.....	-	-	28	4.8
MASSACHUSETTS.....	-	-	-	-	MISSISSIPPI.....	32	4.5	30	6.2
NEW HAMPSHIRE.....	-	-	-	-	TENNESSEE.....	-	-	14	3.3
RHODE ISLAND.....	-	-	1	15.5	WEST NORTH CENTRAL:				
VERMONT.....	26	7.5	26	6.3	IOWA.....	-	-	58	8.4
MIDDLE ATLANTIC:					KANSAS.....	58	1.1	63	5.1
NEW JERSEY.....	16	4.7	18	4.8	MINNESOTA.....	18	2.6	24	1.2
NEW YORK.....	-	-	-	8.3	MISSOURI.....	47	3.0	54	6.5
PENNSYLVANIA.....	-	-	-	-	NEBRASKA.....	22	1.0	21	2.4
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	28	0.2	-	-
DELAWARE.....	-	-	-	-	SOUTH DAKOTA.....	25	-2.9	25	-1.5
MARYLAND.....	-	-	-	-	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	3.7	-	4.2	ARKANSAS.....	14	5.9	13	8.5
WEST VIRGINIA.....	11	6.9	12	3.4	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	31	2.6	35	4.8
FLORIDA.....	44	10.2	42	13.1	TEXAS.....	-	-	81	7.2
GEORGIA.....	27	2.2	28	6.2	MOUNTAIN:				
NORTH CAROLINA.....	22	6.8	24	7.9	ARIZONA.....	22	6.6	20	6.3
SOUTH CAROLINA.....	12	5.6	11	13.2	COLORADO.....	-	-	34	3.1
EAST NORTH CENTRAL:					IDAHO.....	42	1.7	45	3.1
ILLINOIS.....	35	3.0	36	5.2	MONTANA.....	33	0.3	33	1.0
INDIANA.....	-	-	18	7.3	NEVADA.....	14	3.7	14	6.2
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	-	-	34	6.2
OHIO.....	14	0.1	16	6.9	UTAH.....	22	-2.1	23	-5.5
WISCONSIN.....	38	2.1	37	3.4	WYOMING.....	29	-1.3	28	2.1
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	2	7.1	2	5.6	CALIFORNIA.....	13	4.1	12	4.5
					OREGON.....	-	-	70	4.5
					WASHINGTON.....	-	-	1	-10.4

NOTE: 1-RURAL MILEAGE OF EACH MAJOR TOLL ROUTE IS CONSIDERED AS ONE OR MORE STATIONS, DEPENDING ON STATES' METHOD OF REPORTING.

2-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

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

TABLE 3.

ESTIMATED INDIVIDUAL MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES \*\*\*

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1983 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	29.2	27.1	34.0	34.3	37.0	39.5	43.5	43.0	36.9	37.2	34.5	32.7
OTHER RURAL	22.4	20.5	23.8	23.3	24.6	24.9	24.9	25.1	23.7	24.8	23.1	22.9
URBAN	67.1	63.2	75.2	75.9	82.4	83.5	89.0	90.1	80.3	83.0	74.3	73.2
ALL SYSTEMS	118.7	110.8	133.0	133.5	144.0	147.9	157.4	158.2	140.9	144.9	132.0	128.8
1984 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	30.7	29.1	35.5	36.9	39.2	41.6	45.0	45.4	38.1			
OTHER RURAL	22.9	21.4	24.4	24.5	25.5	25.5	25.7	26.1	24.3			
URBAN	69.4	66.6	77.9	80.3	86.5	87.1	92.3	95.0	84.0			
ALL SYSTEMS	123.0	117.1	137.8	141.7	151.1	154.2	163.0	166.6	146.5			
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1984 VS. 1983												
RURAL ARTERIAL	5.1	7.1	4.3	7.5	5.9	5.3	3.5	5.6	3.5			
OTHER RURAL	2.3	4.4	2.4	5.1	3.6	2.5	3.0	4.1	2.7			
URBAN	3.4	5.5	3.6	5.8	4.9	4.3	3.7	5.5	4.6			
ALL SYSTEMS	3.6	5.7	3.6	6.1	4.9	4.3	3.6	5.3	4.0			

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1983 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

\*\* TO BE REVISED BASED ON 1983 FINAL TRAVEL ESTIMATES.

\*\*\* SYSTEM ENTRIES MAY NOT ADD TO TOTAL "ALL SYSTEMS" DUE TO ROUNDING.

FOR FURTHER INFORMATION CONTACT KENNETH WELTY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION. 202-426-0160.



TABLE 4.

ESTIMATED CUMULATIVE MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES \*\*\*

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1983 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	29.2	56.3	90.3	124.7	161.7	201.2	244.6	287.6	324.5	361.7	396.2	428.9
OTHER RURAL	22.4	42.9	66.7	90.0	114.6	139.5	164.4	189.5	213.2	238.0	261.1	284.0
URBAN	67.1	130.3	205.5	281.4	363.9	447.4	536.4	626.4	706.7	789.7	864.0	937.2
ALL SYSTEMS	118.7	229.5	362.6	496.1	640.1	788.0	945.4	1103.5	1244.4	1389.4	1521.3	1650.1
1984 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	30.7	59.7	95.2	132.1	171.3	212.9	257.9	303.3	341.4			
OTHER RURAL	22.9	44.3	68.7	93.2	118.6	144.1	169.8	196.0	220.3			
URBAN	69.4	136.1	214.0	294.3	380.7	467.8	560.1	655.2	739.2			
ALL SYSTEMS	123.0	240.1	377.9	519.6	670.7	824.9	987.9	1154.4	1300.9			
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1984 VS. 1983												
RURAL ARTERIAL	5.1	6.0	5.4	6.0	6.0	5.8	5.4	5.4	5.2			
OTHER RURAL	2.3	3.3	3.0	3.5	3.5	3.4	3.3	3.4	3.3			
URBAN	3.4	4.4	4.1	4.6	4.6	4.6	4.4	4.6	4.6			
ALL SYSTEMS	3.6	4.6	4.2	4.7	4.8	4.7	4.5	4.6	4.5			

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1983 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

\*\* TO BE REVISED BASED ON 1983 FINAL TRAVEL ESTIMATES.

\*\*\* SYSTEM ENTRIES MAY NOT ADD TO TOTAL "ALL SYSTEMS" DUE TO ROUNDING.

FOR FURTHER INFORMATION CONTACT KENNETH WELTY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION. 202-426-0160.

U.S. Department  
of Transportation

**Federal Highway  
Administration**

400 Seventh St., S.W.  
Washington, D.C. 20590

Official Business  
Penalty for Private Use \$300

Postage and Fees Paid  
Federal Highway  
Administration  
DOT 512

