



U.S. Department  
of Transportation

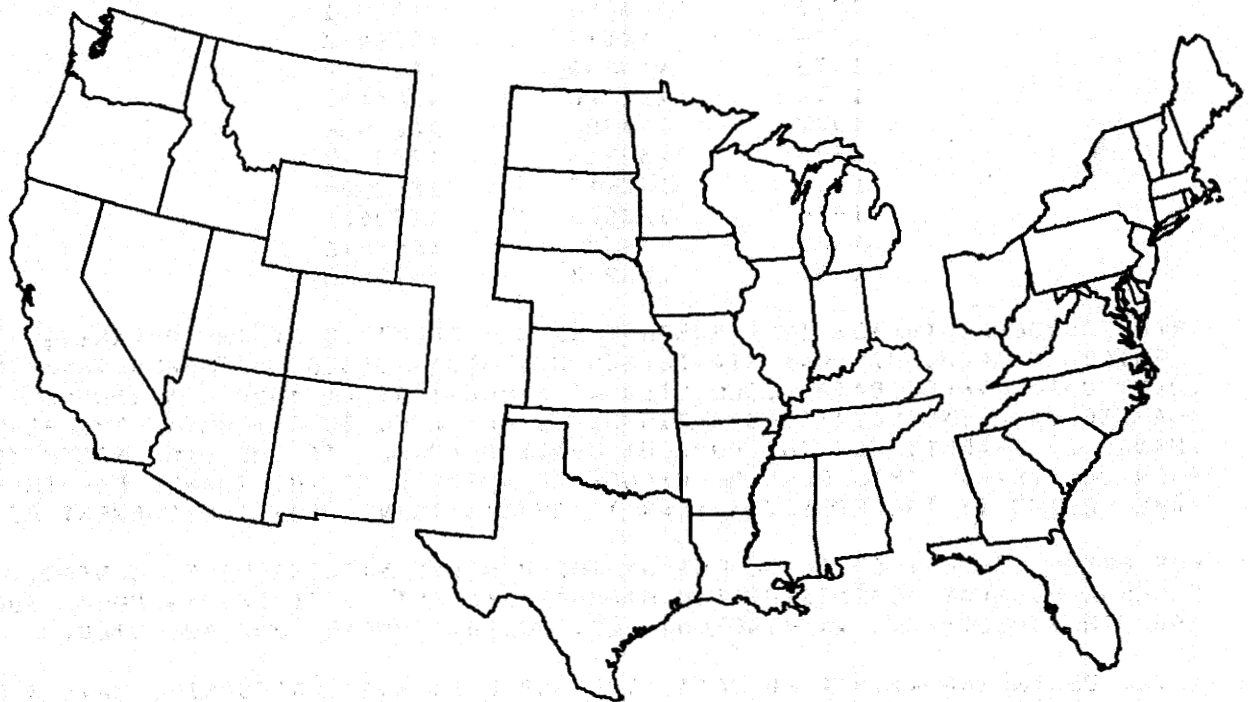
Federal Highway  
Administration

HIGHWAY STATISTICS DIVISION

# TRAFFIC VOLUME TRENDS

OCTOBER, 1982

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 3.0 PERCENT  
FOR OCTOBER 1982 AS COMPARED TO OCTOBER 1981.**



**WESTERN**

**CENTRAL**

**EASTERN**

**ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - OCTOBER 1982**

**26.9 BILLION**

**59.9 BILLION**

**50.8 BILLION**

**PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR**

**+3.9**

**+1.7**

**+3.9**

**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 1980 VM-2 AS A BASE.

COMPILED WITH DATA ON HAND AS OF DECEMBER 14, 1982.

TRAFFIC VOLUME TRENDS - OCTOBER 1982

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING OCTOBER 1982 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 3.0 PERCENT AS COMPARED TO OCTOBER 1981, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 138293 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 61652 MILLION VEHICLE MILES ON RURAL ROADS AND 76641 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.

YEAR	TRAVEL IN MILLIONS ALL ROADS AND STREETS	
	OCTOBER	YEAR TO DATE
1970	96317	940733
1971	102525	994545
1972	108841	1066531
1973	113089	1105051
1974	112572	1079483
1975	115250	1115140
1976	121210	1183137
1977	127388	1228666
1978	132930	1299927
1979	131619	1282525
1980	132615	1272638
1981	134308	1303876
1982	138293	1319553

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. THE FOLLOWING TABLE SHOWS THE APPROXIMATE RELATIONSHIPS BETWEEN THE FORMER AND REVISED SYSTEM CATEGORIES:

	REVISED CATEGORIES			FORMER CATEGORIES		
	RURAL ARTERIAL	OTHER RURAL ROADS	TOTAL RURAL	MAIN RURAL	LOCAL RURAL	TOTAL RURAL
PERCENT OF TOTAL RURAL MILEAGE	8.2	91.8	100.0	19.0	81.0	100.0
PERCENT OF TOTAL RURAL TRAVEL	59.5	40.5	100.0	78.5	21.5	100.0

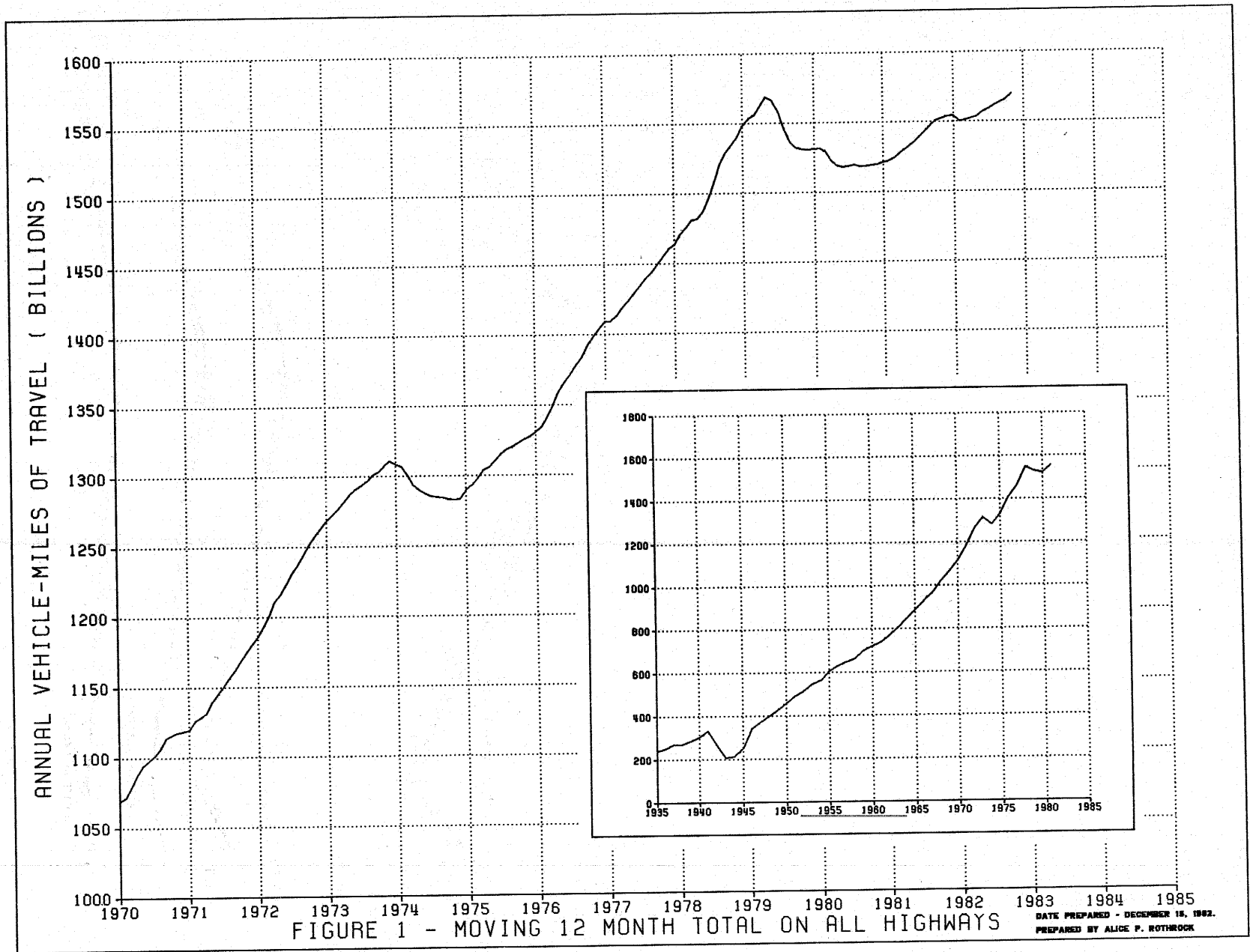
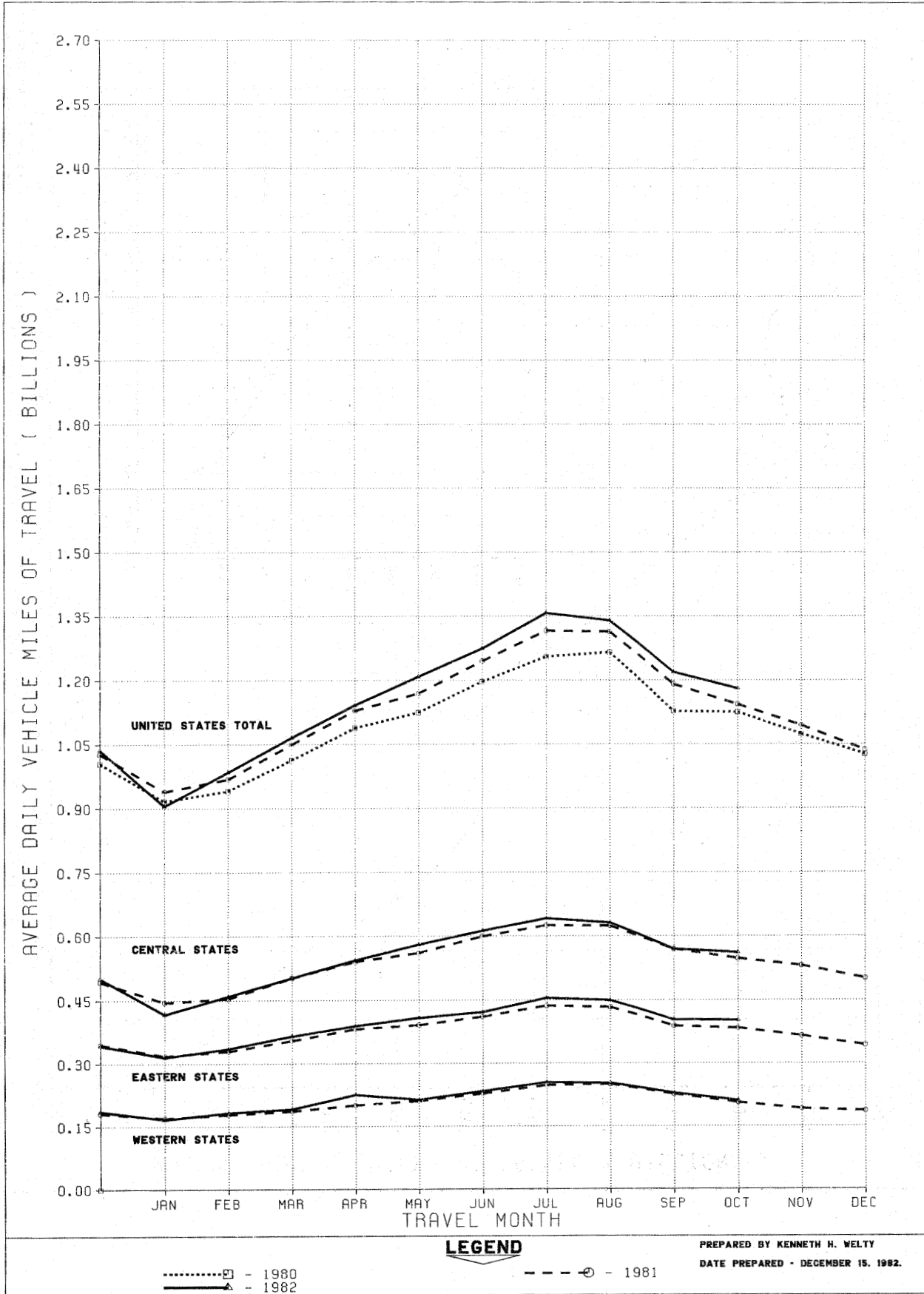


FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS

DATE PREPARED - DECEMBER 15, 1982.  
PREPARED BY ALICE P. ROTHROCK

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



**LEGEND**

.....□ - 1980  
 ————△ - 1982  
 - - - - -○ - 1981

PREPARED BY KENNETH H. WELTY  
 DATE PREPARED - DECEMBER 15, 1982.

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

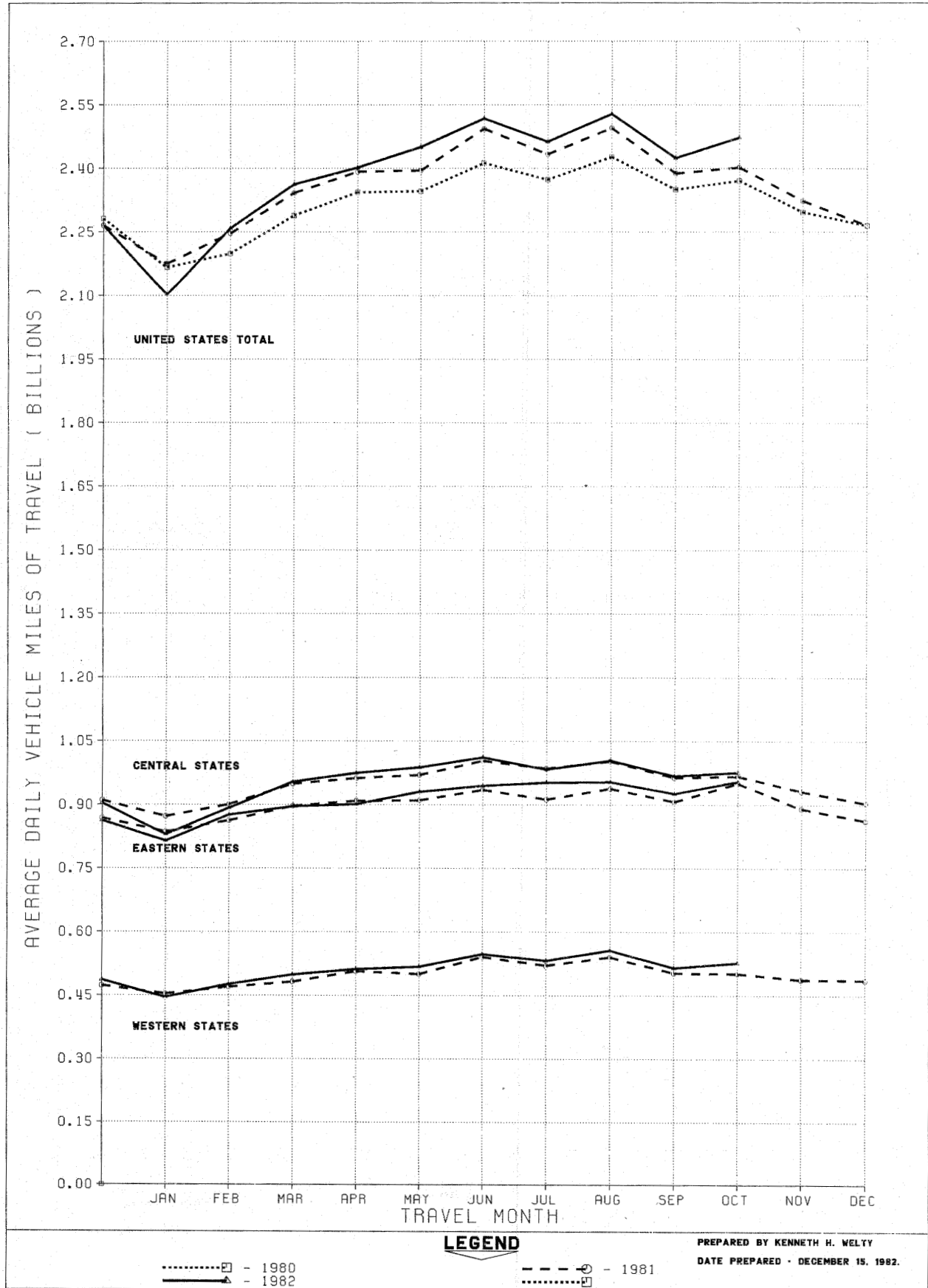


FIGURE 3A - ANNUAL TRAVEL ON ALL RURAL ROADS AS PERCENTAGE OF YEAR 1965

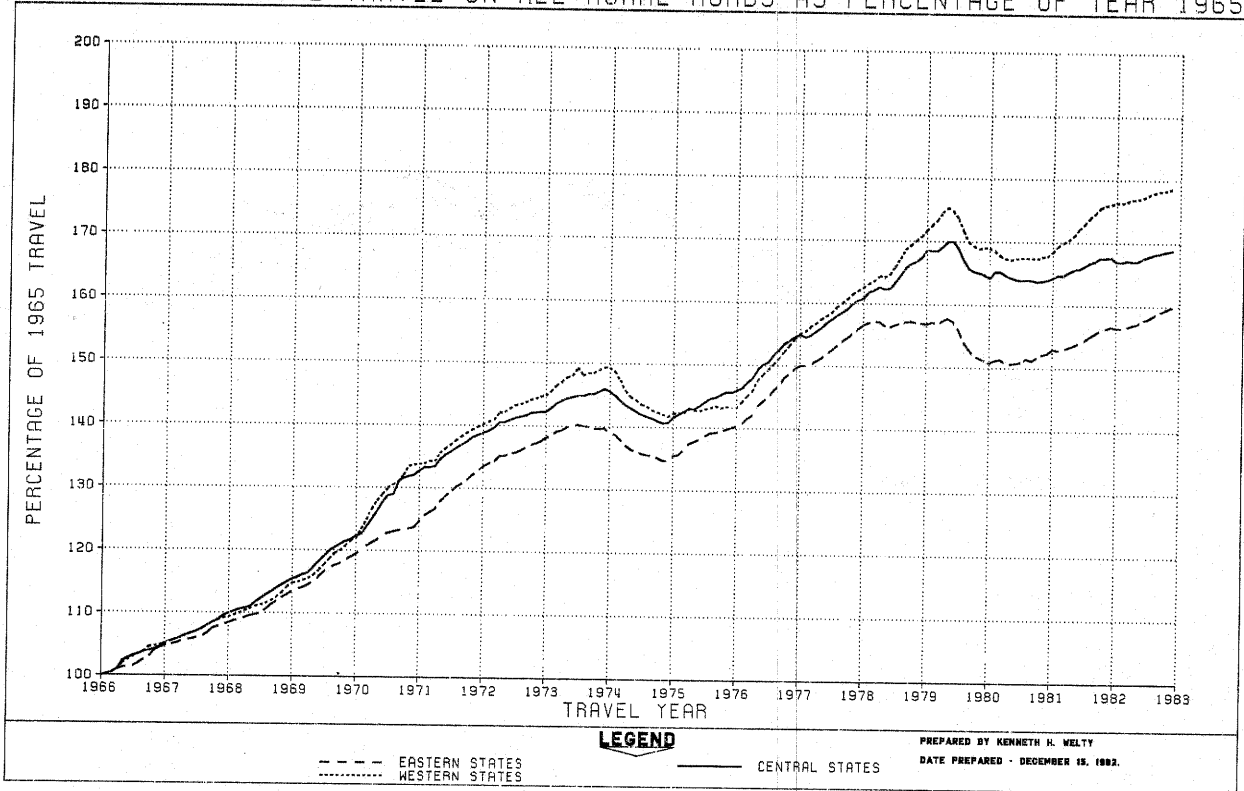


FIGURE 3B - TRAVEL ON URBAN ROADS AND STREETS AS PERCENTAGE OF YEAR 1965

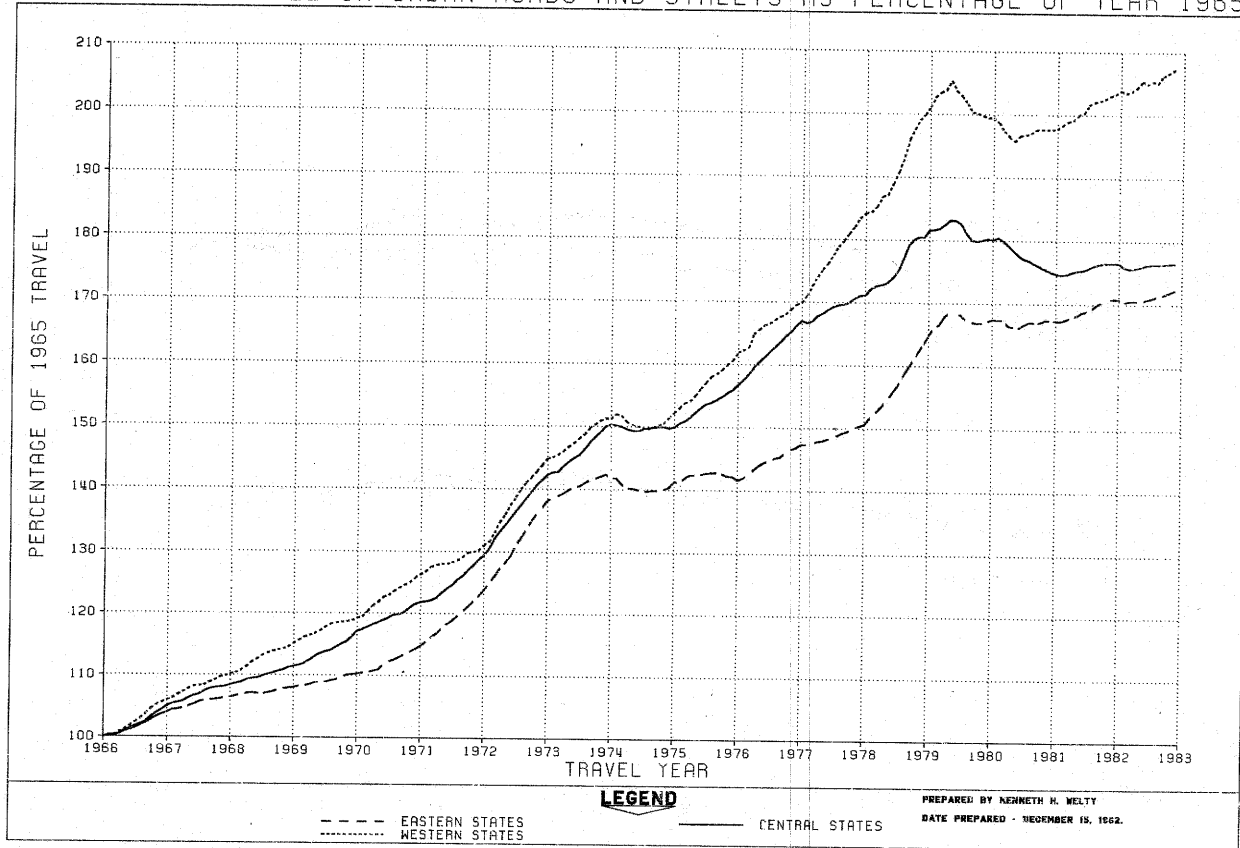


TABLE 1.-SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR OCTOBER			REVISED DATA FOR SEPTEMBER		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1982	1981		1982	1981	
RURAL ARTERIAL ROADS.....	36,606	35,449	3.3	36,576	35,720	2.4
OTHER RURAL ROADS.....	25,046	24,385	2.7	23,792	23,532	1.1
ALL RURAL ROADS.....	61,652	59,834	3.0	60,368	59,252	1.9
CITY STREETS.....	76,641	74,474	2.9	72,740	71,656	1.5
ALL ROADS AND STREETS.....	138,293	134,308	3.0	133,107	130,908	1.7
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	12,490	11,914	4.8	12,117	11,683	3.7
CENTRAL REGION.....	17,400	16,980	2.5	17,417	17,086	1.9
WESTERN REGION.....	6,548	6,400	2.3	6,868	6,798	1.0
TOTAL.....	36,438	35,294	3.2	36,402	35,567	2.3

TABLE 2.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	OCTOBER (PRELIMINARY)		SEPTEMBER (REVISED)		DIVISION AND STATE	OCTOBER (PRELIMINARY)		SEPTEMBER (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.....	-	-	1	12.5	ALABAMA.....	21	4.1	43	4.1
MAINE.....	22	12.8	23	9.9	KENTUCKY.....	37	4.0	36	2.6
MASSACHUSETTS.....	-	-	7	2.0	MISSISSIPPI.....	35	1.4	40	6.8
NEW HAMPSHIRE.....	-	-	57	5.7	TENNESSEE.....	-	-	26	7.1
RHODE ISLAND.....	-	-	-	-	WEST NORTH CENTRAL:				
VERMONT.....	35	7.0	37	7.1	IOWA.....	42	2.2	37	- 0.4
MIDDLE ATLANTIC:					KANSAS.....	63	1.6	64	1.0
NEW JERSEY.....	-	-	15	1.5	MINNESOTA.....	40	0.3	34	0.2
NEW YORK.....	23	6.1	26	3.6	MISSOURI.....	73	3.4	73	2.1
PENNSYLVANIA.....	-	-	40	2.5	NEBRASKA.....	22	0.1	28	- 1.7
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	32	1.6	29	1.4
DELAWARE.....	12	6.6	12	5.6	SOUTH DAKOTA.....	36	0.4	35	0.1
MARYLAND.....	31	2.8	31	3.7	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	2.7	-	2.8	ARKANSAS.....	20	1.9	18	- 0.3
WEST VIRGINIA.....	25	- 0.3	24	0.3	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	27	5.1	28	7.3
FLORIDA.....	48	6.0	45	5.1	TEXAS.....	115	5.6	114	3.9
GEORGIA.....	22	6.2	22	0.5	MOUNTAIN:				
NORTH CAROLINA.....	46	4.3	44	3.4	ARIZONA.....	-	-	21	- 0.9
SOUTH CAROLINA.....	10	6.4	10	8.4	COLORADO.....	43	3.2	43	- 0.2
EAST NORTH CENTRAL:					IDAHO.....	-	-	63	0.5
ILLINOIS.....	35	2.0	34	1.0	MONTANA.....	-	-	31	- 0.7
INDIANA.....	21	2.0	21	1.1	NEVADA.....	27	0.0	20	- 4.3
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	-	-	15	2.6
OHIO.....	14	- 0.5	15	- 0.2	UTAH.....	-	-	-	-
WISCONSIN.....	36	0.8	37	0.5	WYOMING.....	29	- 5.5	32	- 3.8
ALASKA.....	-	-	40	13.0	PACIFIC:				
HAWAII.....	3	11.1	2	13.9	CALIFORNIA.....	14	4.9	14	2.8
					OREGON.....	13	- 0.9	-	-
					WASHINGTON.....	9	0.3	22	1.8

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.

FEDERAL HIGHWAY ADMINISTRATION  
HIGHWAY STATISTICS DIVISION  
400 - 7TH STREET, S.W.  
WASHINGTON, D.C. 20550

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
1981 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	29.1	27.1	32.5	33.5	36.2	37.4	40.8	40.7	35.7	35.4	32.8	32.2
OTHER RURAL	21.0	19.7	23.5	23.3	24.0	24.0	24.3	24.5	23.5	24.4	22.5	22.7
URBAN	67.4	62.9	72.6	71.8	74.3	74.8	75.4	77.4	71.7	74.5	69.7	70.2
ALL SYSTEMS	117.6	109.8	128.7	128.9	134.5	136.1	140.5	142.6	130.9	134.3	125.0	125.1

1982 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS\*\*

RURAL ARTERIAL	28.1	27.6	33.0	34.3	37.5	38.2	42.1	41.5	36.6	36.6		
OTHER RURAL	20.3	20.0	23.6	23.4	24.7	24.2	24.8	24.9	23.8	25.0		
URBAN	65.2	63.2	73.2	72.1	76.0	75.5	76.4	78.4	72.7	76.6		
ALL SYSTEMS	113.6	110.8	129.9	129.7	138.1	136.0	143.3	144.8	133.1	138.3		

PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1982 VS. 1981

RURAL ARTERIAL	-3.6	1.7	1.5	1.1	3.4	2.4	3.1	2.0	2.4	3.3		
OTHER RURAL	-3.2	1.3	0.4	0.4	2.8	1.1	2.2	1.3	1.1	2.7		
URBAN	-3.3	0.5	0.9	0.4	2.3	1.0	1.2	1.3	1.5	2.9		
ALL SYSTEMS	-3.4	1.0	1.0	0.6	2.7	1.4	1.9	1.5	1.7	3.0		

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1981 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

\*\* TO BE REVISED BASED ON 1981 FINAL TRAVEL ESTIMATES.

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

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



FEDERAL HIGHWAY ADMINISTRATION  
HIGHWAY STATISTICS DIVISION  
400 - 7TH STREET, S.W.  
WASHINGTON, D.C. 20550

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
1981 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	29.1	56.2	86.8	122.6	158.9	196.3	237.1	277.8	315.5	349.0	381.8	413.9
OTHER RURAL	21.0	40.7	64.2	87.5	111.5	135.5	159.8	184.3	207.8	232.2	254.7	277.4
URBAN	67.4	130.3	203.0	274.7	349.0	423.8	499.2	576.6	648.2	722.7	792.4	862.7
ALL SYSTEMS	117.6	227.3	356.0	484.9	615.4	755.5	896.0	1038.7	1169.6	1303.9	1428.9	1554.0
1982 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	28.1	55.7	88.7	123.0	160.4	198.7	240.7	282.3	318.9	355.5		
OTHER RURAL	20.3	40.3	63.9	87.3	112.0	136.2	161.0	185.9	209.7	234.7		
URBAN	65.2	128.4	201.7	273.7	349.7	425.2	501.6	580.0	652.7	729.4		
ALL SYSTEMS	113.6	224.4	354.3	484.0	622.1	760.1	903.4	1048.2	1181.3	1319.6		
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1982 VS. 1981												
RURAL ARTERIAL	-3.6	-1.0	-0.1	0.2	1.0	1.2	1.6	1.6	1.7	1.9		
OTHER RURAL	-3.2	-1.0	-0.5	-0.2	0.4	0.5	0.8	0.9	0.9	1.1		
URBAN	-3.3	-1.5	-0.6	-0.4	0.2	0.3	0.5	0.6	0.7	0.9		
ALL SYSTEMS	-3.4	-1.3	-0.5	-0.2	0.4	0.6	0.8	0.9	1.0	1.2		

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1981 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

\*\* TO BE REVISED BASED ON 1981 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. 202-426-8160.

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

