



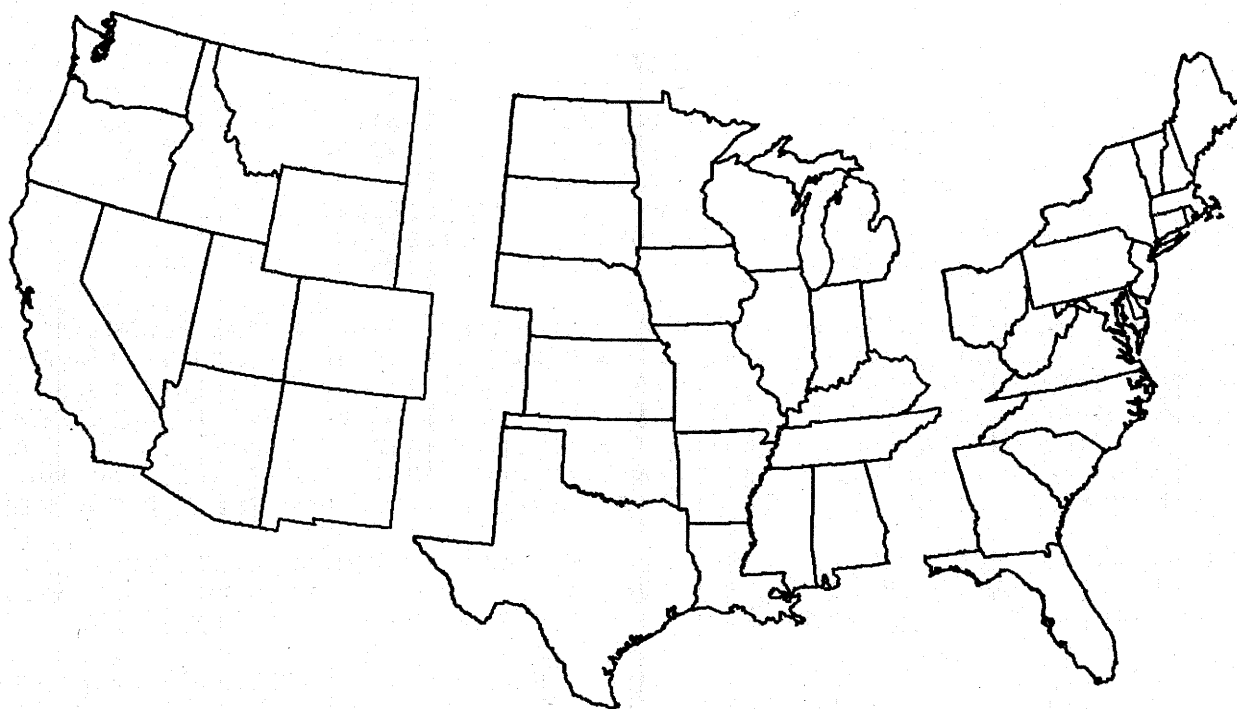
U.S. Department
of Transportation
**Federal Highway
Administration**

HIGHWAY STATISTICS DIVISION

TRAFFIC VOLUME TRENDS

DECEMBER 1982

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 2.8 PERCENT
FOR DECEMBER 1982 AS COMPARED TO DECEMBER 1981**



WESTERN	CENTRAL	EASTERN
ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - DECEMBER 1982		
25.0 BILLION	55.7 BILLION	47.9 BILLION
PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR		
+0.9	+2.2	+4.5

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 FEBRUARY 10, 1983.

TRAFFIC VOLUME TRENDS - DECEMBER 1982

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING DECEMBER 1982 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 2.8 PERCENT AS COMPARED TO DECEMBER 1981, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 128562 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 56666 MILLION VEHICLE MILES ON RURAL ROADS AND 71896 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	
	DECEMBER	YEAR TO DATE
1970	89911	1120328
1971	95515	1185615
1972	101040	1268362
1973	98856	1308288
1974	105083	1289645
1975	107945	1330075
1976	113030	1409163
1977	116257	1463409
1978	124595	1548212
1979	123226	1529132
1980	124798	1520856
1981	125088	1553969
1982	128562	1576056

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 ROADS	RURAL 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

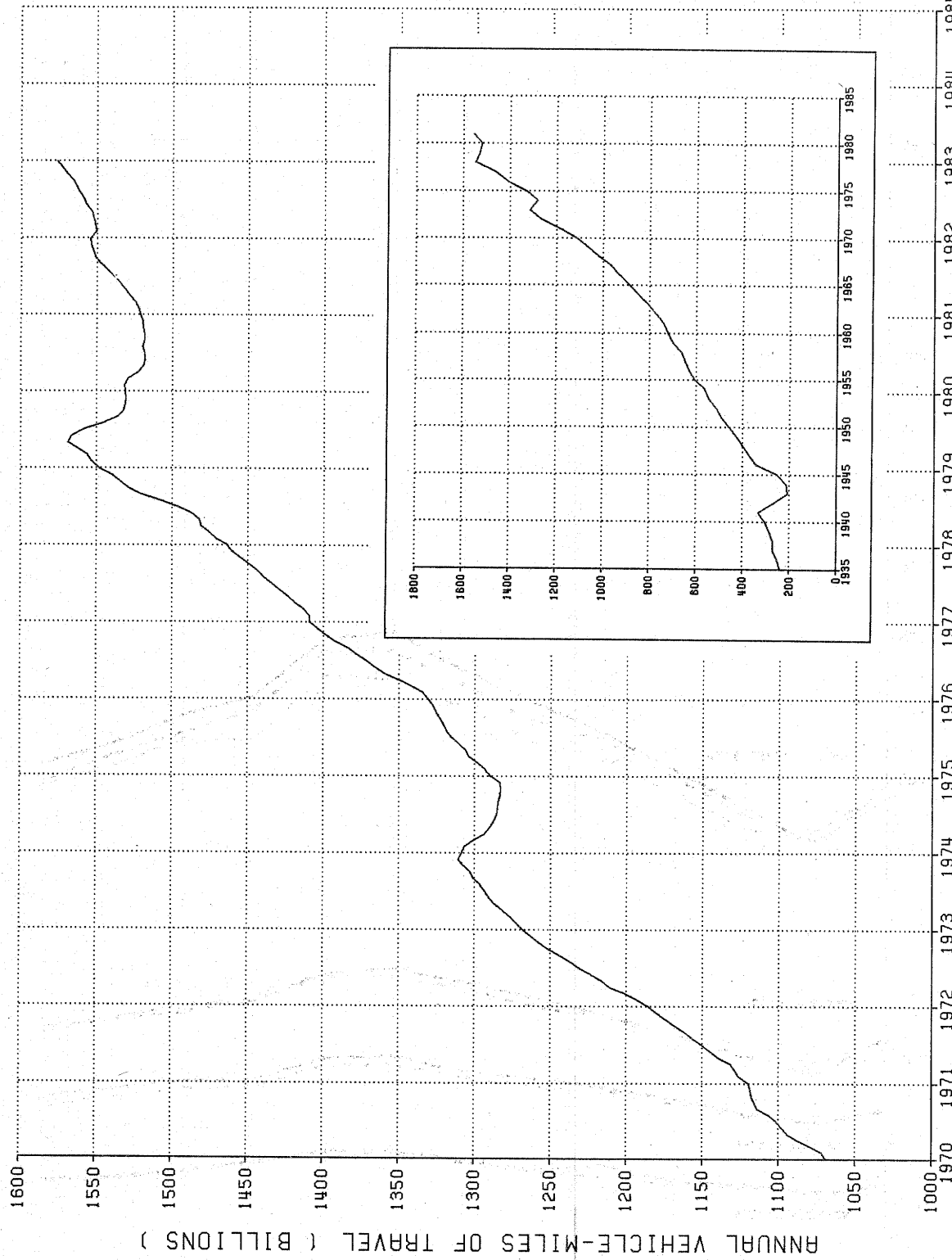


FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS
 DATE PREPARED - FEBRUARY 19, 1982.
 PREPARED BY ALICE P. ROTHROCK

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

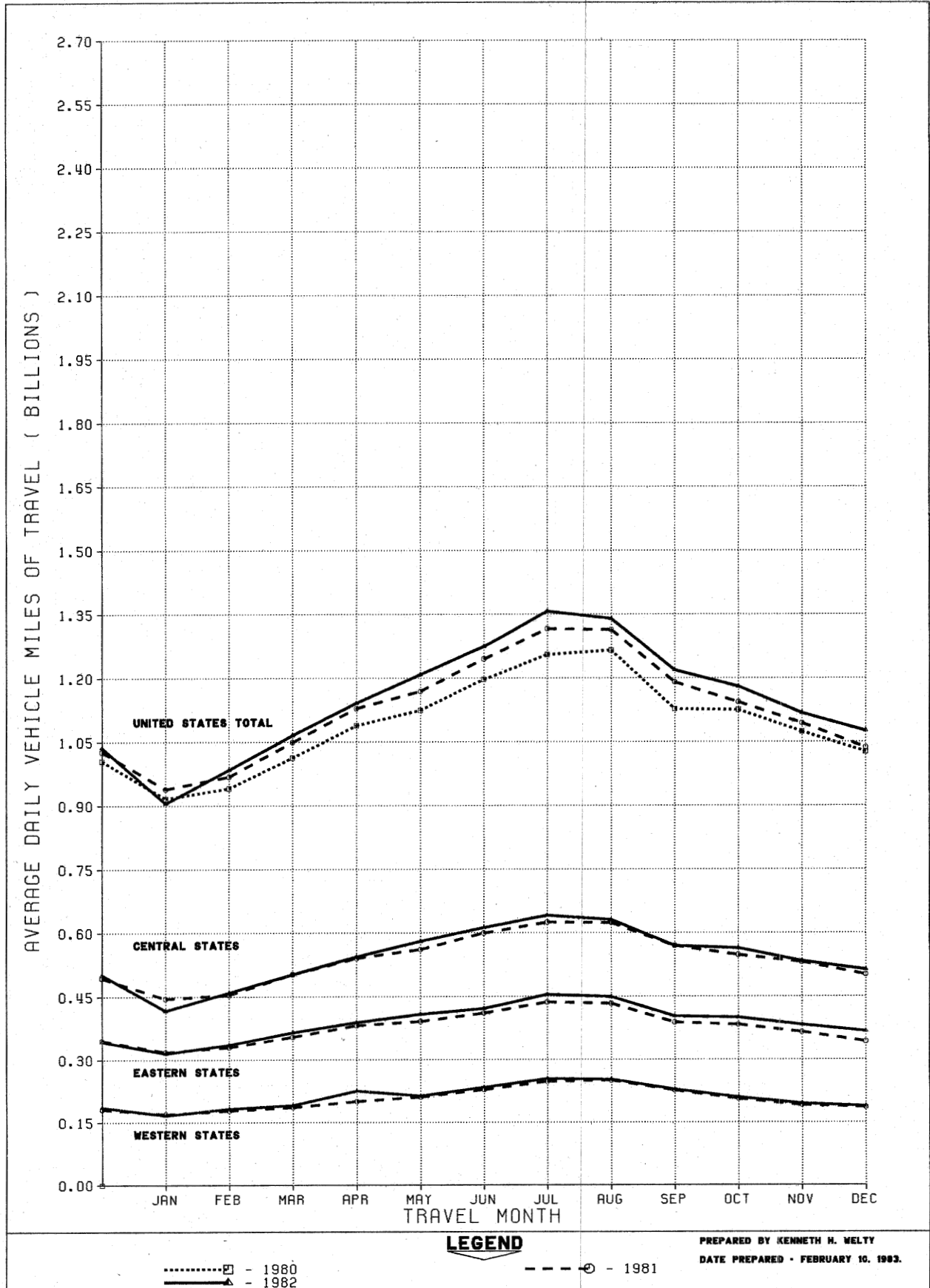
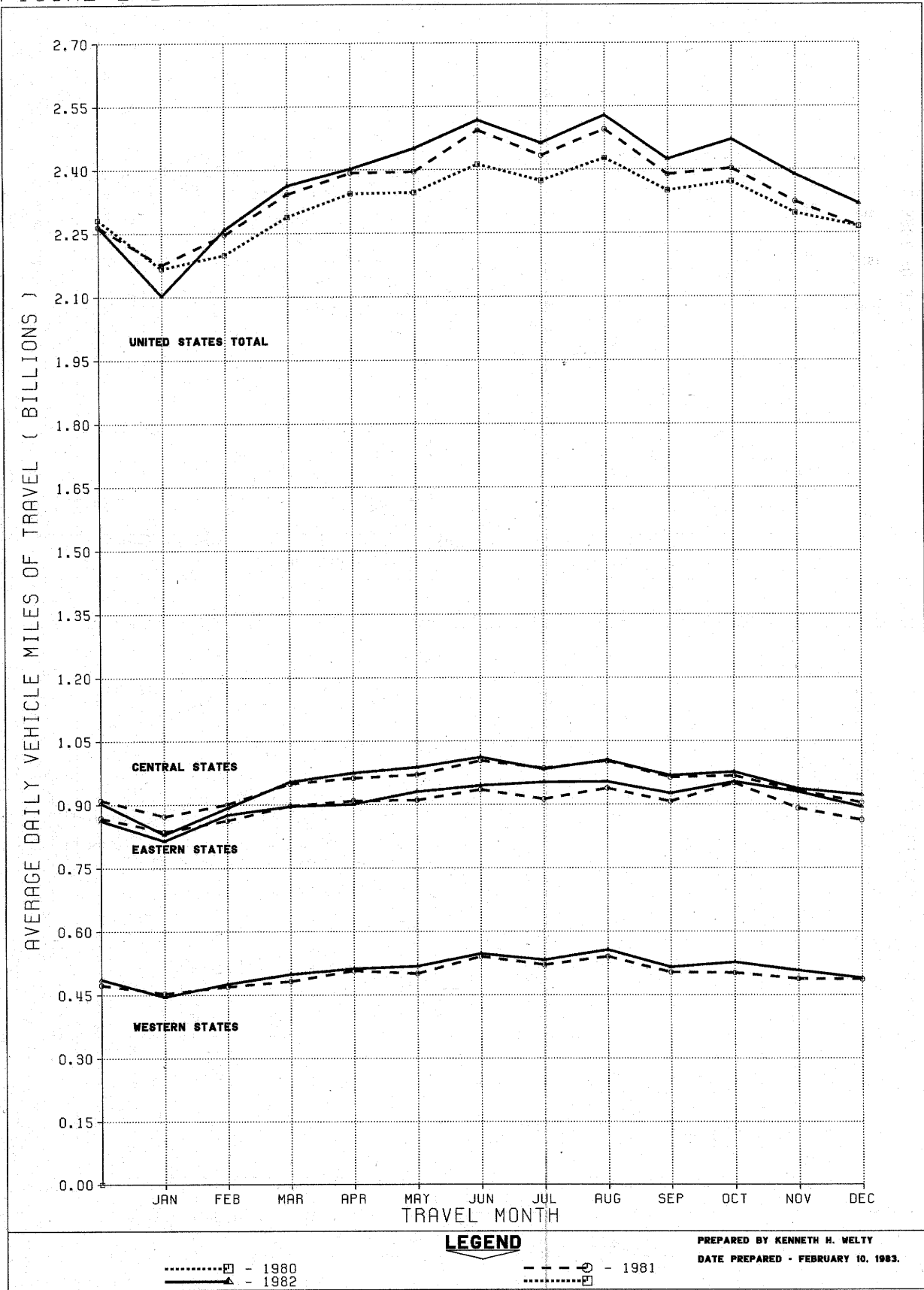


FIGURE 2-B - TRAVEL ON URBAN ROADS AND STREETS BY MONTH



LEGEND

- 1980
 - 1982
 - 1981

PREPARED BY KENNETH H. WELTY
 DATE PREPARED - FEBRUARY 10, 1983.

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

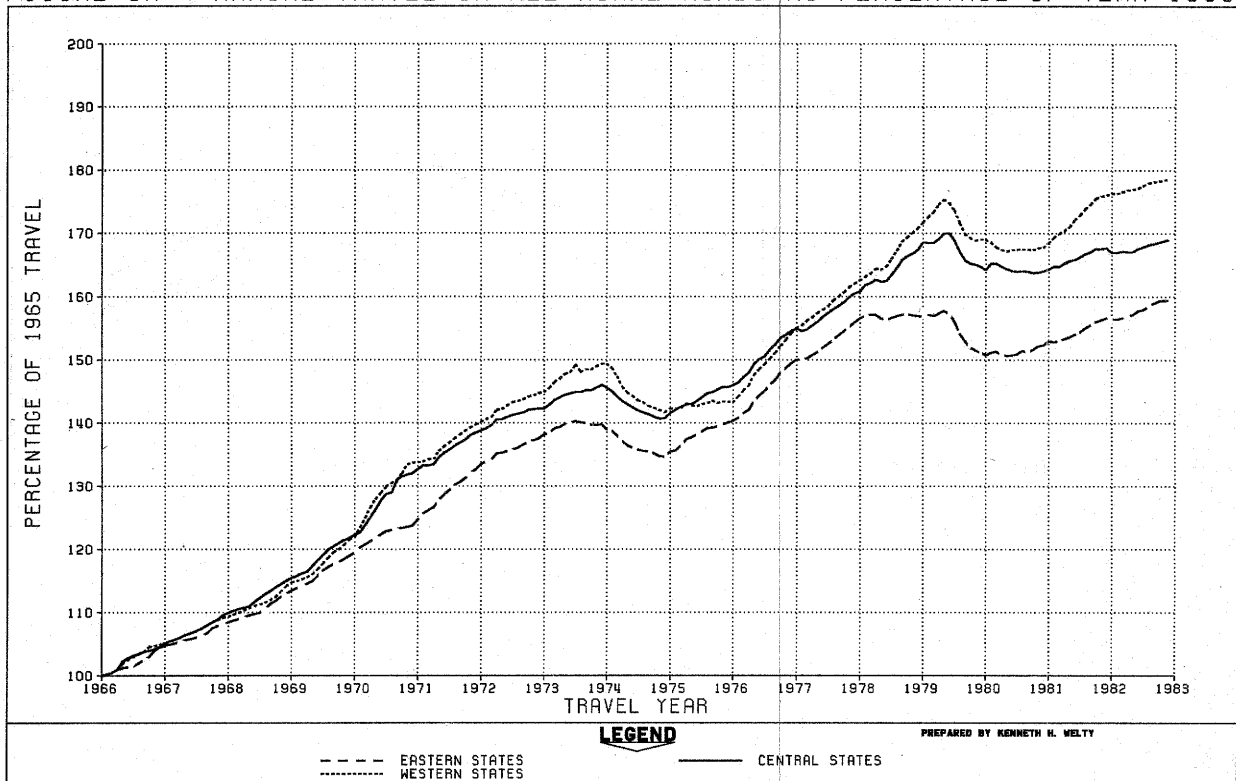


FIGURE 3B - TRAVEL ON URBAN ROADS AND STREETS AS PERCENTAGE OF YEAR 1965

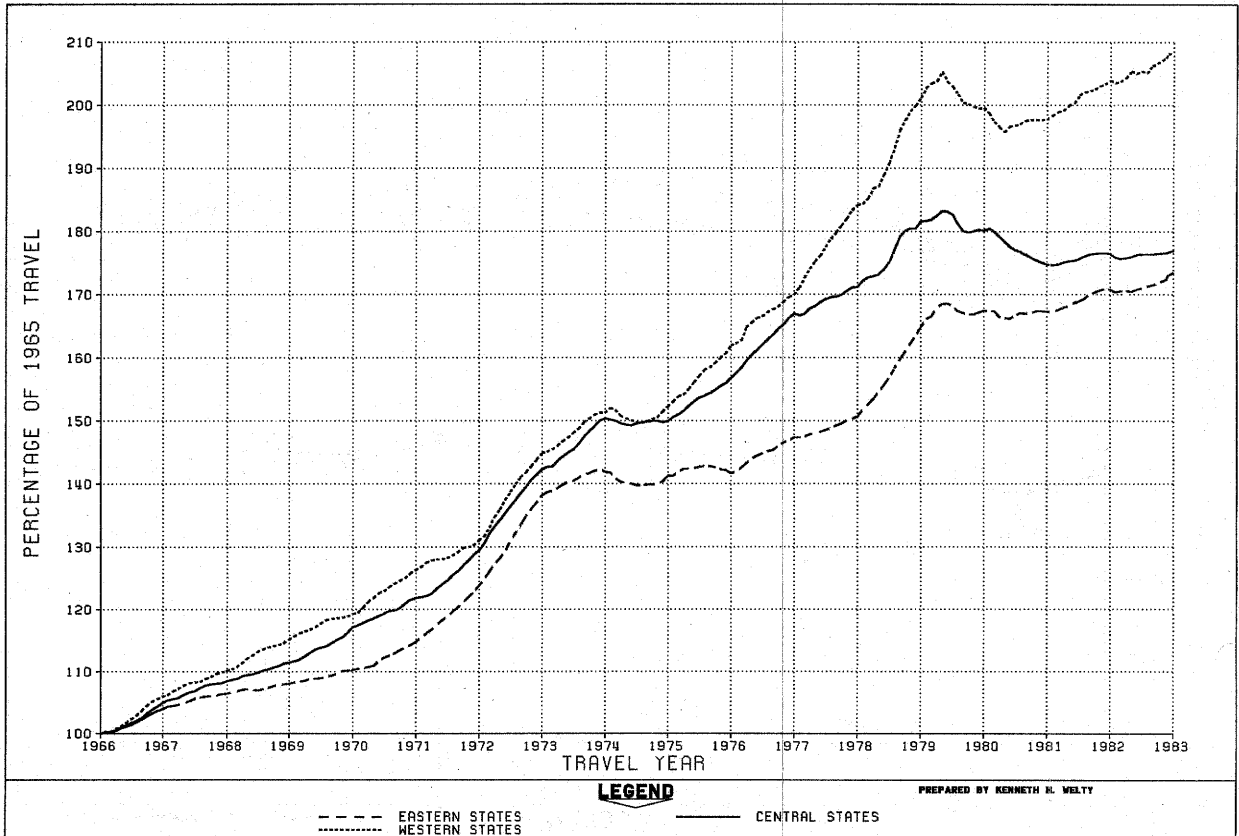


TABLE 1.--SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR DECEMBER			REVISED DATA FOR NOVEMBER		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1982	1981		1982	1981	
RURAL ARTERIAL ROADS.....	33,357	32,156	3.7	33,534	32,826	2.2
OTHER RURAL ROADS.....	23,308	22,695	2.7	22,837	22,463	1.7
ALL RURAL ROADS.....	56,666	54,851	3.3	56,371	55,289	2.0
CITY STREETS.....	71,896	70,238	2.4	71,630	69,716	2.7
ALL ROADS AND STREETS.....	128,562	125,088	2.8	128,001	125,005	2.4
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	11,420	10,661	7.1	11,513	10,992	4.7
CENTRAL REGION.....	15,914	15,555	2.3	16,001	15,939	0.4
WESTERN REGION.....	5,861	5,787	1.3	5,861	5,787	2.0
TOTAL.....	33,195	32,003	3.7	33,375	32,678	2.1

TABLE 2.--CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	DECEMBER (PRELIMINARY)		NOVEMBER (REVISED)		DIVISION AND STATE	DECEMBER (PRELIMINARY)		NOVEMBER (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.....	-	-	-	-	ALABAMA.....	41	5.8	41	4.2
MAINE.....	22	10.6	23	9.0	KENTUCKY.....	37	3.5	38	0.9
MASSACHUSETTS.....	3	7.0	3	2.9	MISSISSIPPI.....	39	2.1	39	- 0.5
NEW HAMPSHIRE.....	-	-	54	6.1	TENNESSEE.....	-	-	30	2.3
RHODE ISLAND.....	-	-	-	-	WEST NORTH CENTRAL:				
VERMONT.....	35	9.9	37	5.2	IOWA.....	-	-	55	- 0.4
MIDDLE ATLANTIC:					KANSAS.....	67	- 0.5	69	0.3
NEW JERSEY.....	-	-	-	-	MINNESOTA.....	32	- 0.1	36	- 1.0
NEW YORK.....	24	5.9	23	4.7	MISSOURI.....	70	4.9	72	2.4
PENNSYLVANIA.....	39	9.0	40	2.6	NEBRASKA.....	21	- 2.2	22	- 0.6
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	30	2.8	29	0.3
DELAWARE.....	12	8.2	13	8.1	SOUTH DAKOTA.....	35	2.5	36	4.2
MARYLAND.....	-	-	29	3.6	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	3.0	-	2.9	ARKANSAS.....	-	-	21	- 5.7
WEST VIRGINIA.....	23	5.7	26	1.3	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	27	- 2.7	29	- 1.3
FLORIDA.....	60	13.4	54	6.9	TEXAS.....	120	2.1	116	1.5
GEORGIA.....	22	4.3	22	3.9	MOUNTAIN:				
NORTH CAROLINA.....	44	5.7	44	5.0	ARIZONA.....	20	- 4.1	20	- 2.6
SOUTH CAROLINA.....	13	4.8	10	8.3	COLORADO.....	43	- 3.7	42	2.8
EAST NORTH CENTRAL:					IDAHO.....	22	- 2.8	62	- 1.5
ILLINOIS.....	-	-	35	- 0.6	MONTANA.....	-	-	31	- 0.9
INDIANA.....	22	6.0	21	0.8	NEVADA.....	28	- 2.4	27	- 0.6
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	33	0.0	32	3.7
OHIO.....	14	2.2	14	- 0.6	UTAH.....	-	-	-	-
WISCONSIN.....	42	1.7	43	0.1	WYOMING.....	37	-10.5	30	- 6.7
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	3	7.8	3	10.1	CALIFORNIA.....	15	6.2	15	6.4
					OREGON.....	11	- 0.8	13	- 1.4
					WASHINGTON.....	6	4.8	22	- 0.6

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. 20590

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	33.5	33.4
OTHER RURAL	20.3	20.0	23.6	23.4	24.7	24.2	24.8	24.9	23.8	25.0	22.8	23.3
URBAN	65.2	63.2	73.2	72.1	76.0	75.5	76.4	78.4	72.7	76.6	71.6	71.9
ALL SYSTEMS	113.6	110.8	129.9	129.7	138.1	136.0	143.3	144.8	133.1	138.2	128.0	128.6
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	3.2	2.2	3.7
OTHER RURAL	-3.2	1.3	0.4	0.4	2.8	1.1	2.2	1.3	1.1	2.7	1.7	2.7
URBAN	-3.3	0.5	0.9	0.4	2.3	1.0	1.2	1.3	1.5	2.9	2.7	2.4
ALL SYSTEMS	-3.4	1.0	1.0	0.6	2.7	1.4	1.9	1.5	1.7	2.9	2.4	2.8

* 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. 202-426-8160.

FEDERAL HIGHWAY ADMINISTRATION
HIGHWAY STATISTICS DIVISION
400 - 7TH STREET, S.W.
WASHINGTON, D.C. 20590

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	88.8	122.6	158.9	196.3	237.1	277.8	313.5	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	345.0	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	355.4	389.0	422.3
OTHER RURAL	20.3	40.3	63.9	87.3	112.0	136.2	161.0	185.9	209.7	234.7	257.6	280.9
URBAN	65.2	128.4	201.7	273.7	349.7	425.2	501.6	580.0	652.7	729.3	800.5	872.8
ALL SYSTEMS	113.6	224.4	354.3	484.0	622.1	760.1	903.4	1048.2	1181.3	1319.5	1447.5	1576.1
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	1.9	2.0
OTHER RURAL	-3.2	-1.0	-0.5	-0.2	0.4	0.5	0.8	0.9	0.9	1.1	1.1	1.3
URBAN	-3.3	-1.5	-0.6	-0.4	0.2	0.3	0.5	0.6	0.7	0.9	1.1	1.2
ALL SYSTEMS	-3.4	-1.3	-0.5	-0.2	0.4	0.6	0.8	0.9	1.0	1.2	1.3	1.4

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

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