



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

HIGHWAY STATISTICS DIVISION

# TRAFFIC VOLUME TRENDS

## APRIL 1982

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 1.0 PERCENT  
FOR APRIL 1982 AS COMPARED TO APRIL 1981.**



WESTERN	CENTRAL	EASTERN
<b>ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - APRIL 1982</b>		
<b>25.2 BILLION</b>	<b>57.0 BILLION</b>	<b>47.3 BILLION</b>
<b>PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR</b>		
<b>+1.2</b>	<b>+0.6</b>	<b>+1.2</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 1980 VM-2 AS A BASE.

COMPILED WITH DATA ON HAND AS OF JUNE 11, 1982.

TRAFFIC VOLUME TRENDS - APRIL 1982

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING APRIL 1982 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 1.0 PERCENT AS COMPARED TO APRIL 1981, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 130157 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 57722 MILLION VEHICLE MILES ON RURAL ROADS AND 72435 MILLION VEHICLE MILES ON CITY 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	APRIL	YEAR TO DATE
1970	89956	337794
1971	98106	356534
1972	103238	386901
1973	108120	404841
1974	104579	386771
1975	107133	402848
1976	117014	432286
1977	121513	446334
1978	122741	464632
1979	129539	484949
1980	125698	474677
1981	128931	484899
1982	130157	484451

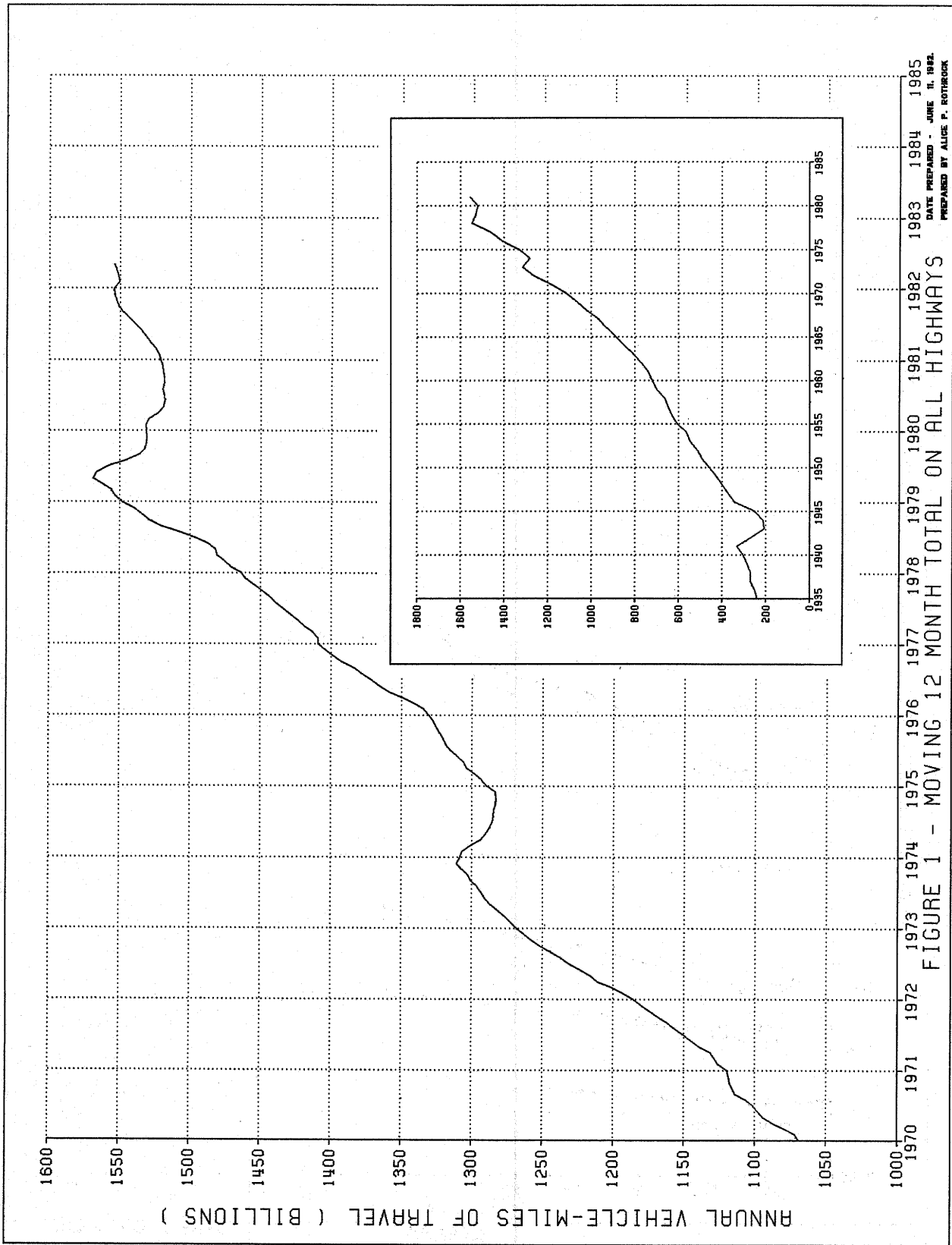
TRAFFIC VOLUME TRENDS IS A MONTHLY REPORT PREPARED BY THE PLANNING SERVICES BRANCH, HIGHWAY STATISTICS DIVISION, BASED ON HOURLY TRAFFIC COUNT DATA. THESE DATA, COLLECTED AT APPROXIMATELY 4000 CONTINUOUS TRAFFIC COUNTING LOCATIONS NATIONWIDE, ARE USED TO DETERMINE THE PERCENT CHANGE IN TRAFFIC FOR THE 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



DATE PREPARED - JUNE 11, 1982  
 PREPARED BY ALICE P. ROTHSCH

FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS

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

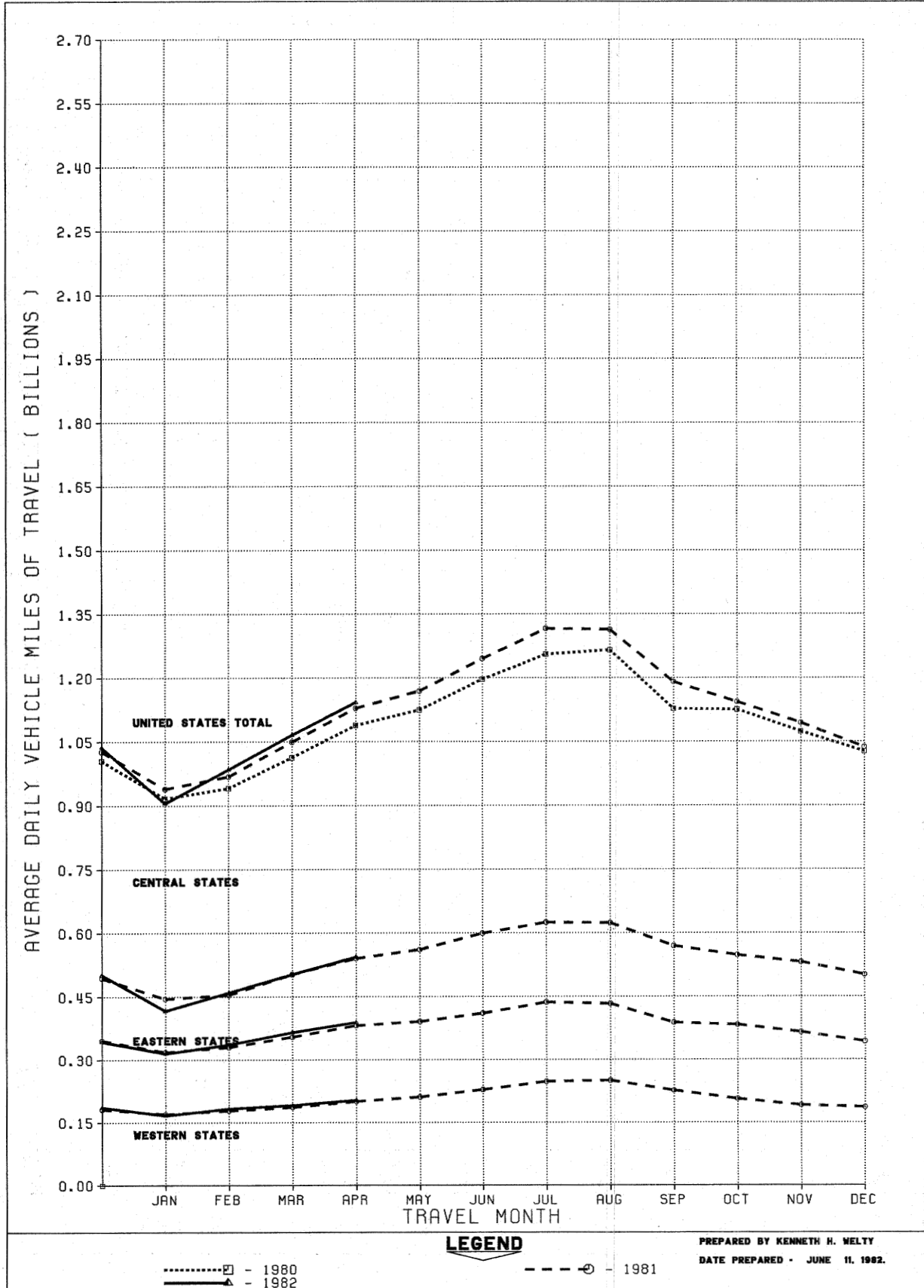
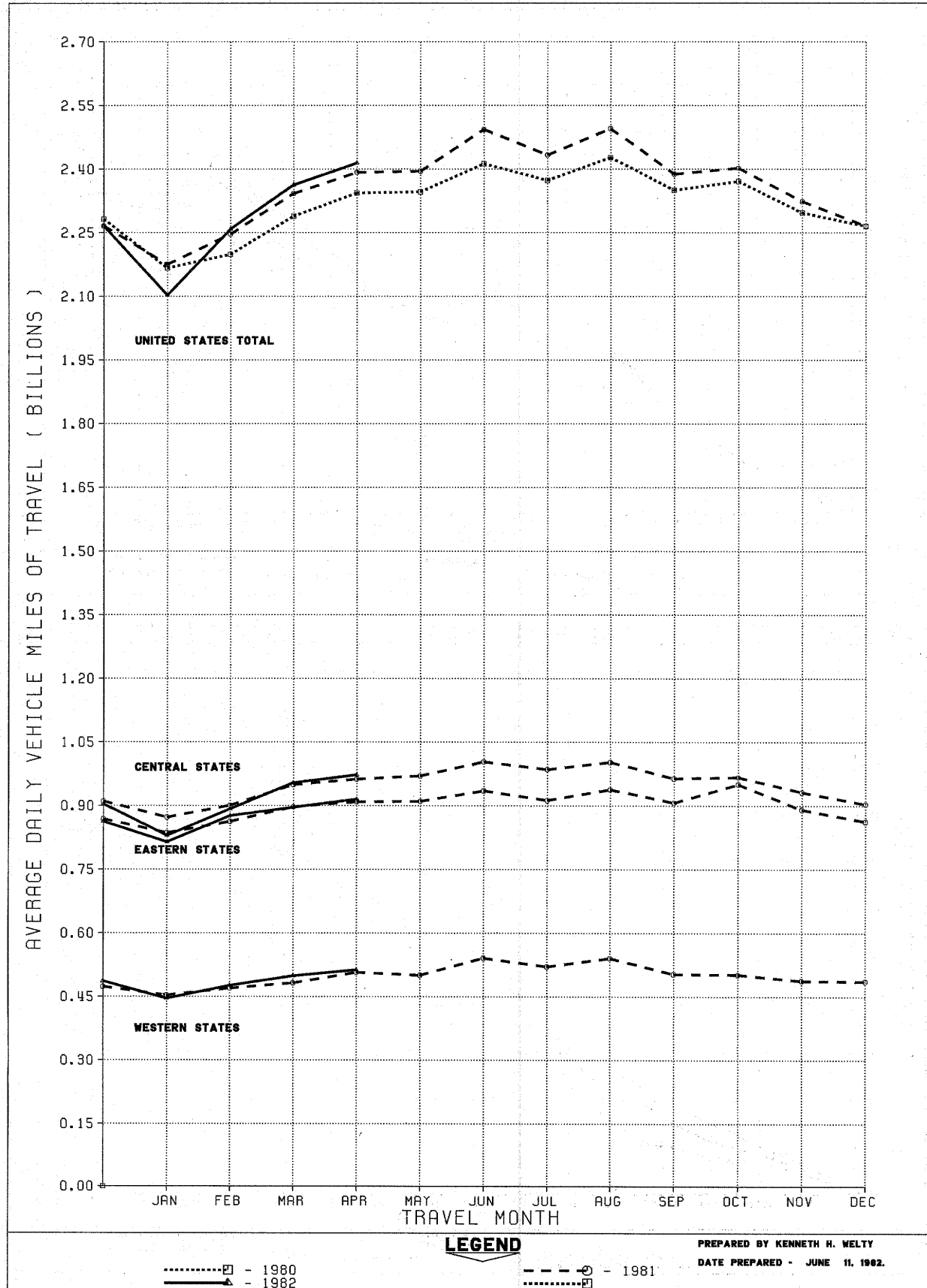


FIGURE 2-B - TRAVEL ON URBAN ROADS AND STREETS BY MONTH



LEGEND

.....□ - 1980  
 ————▲ - 1982

-----○ - 1981

PREPARED BY KENNETH H. WELTY  
 DATE PREPARED - JUNE 11, 1982.

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

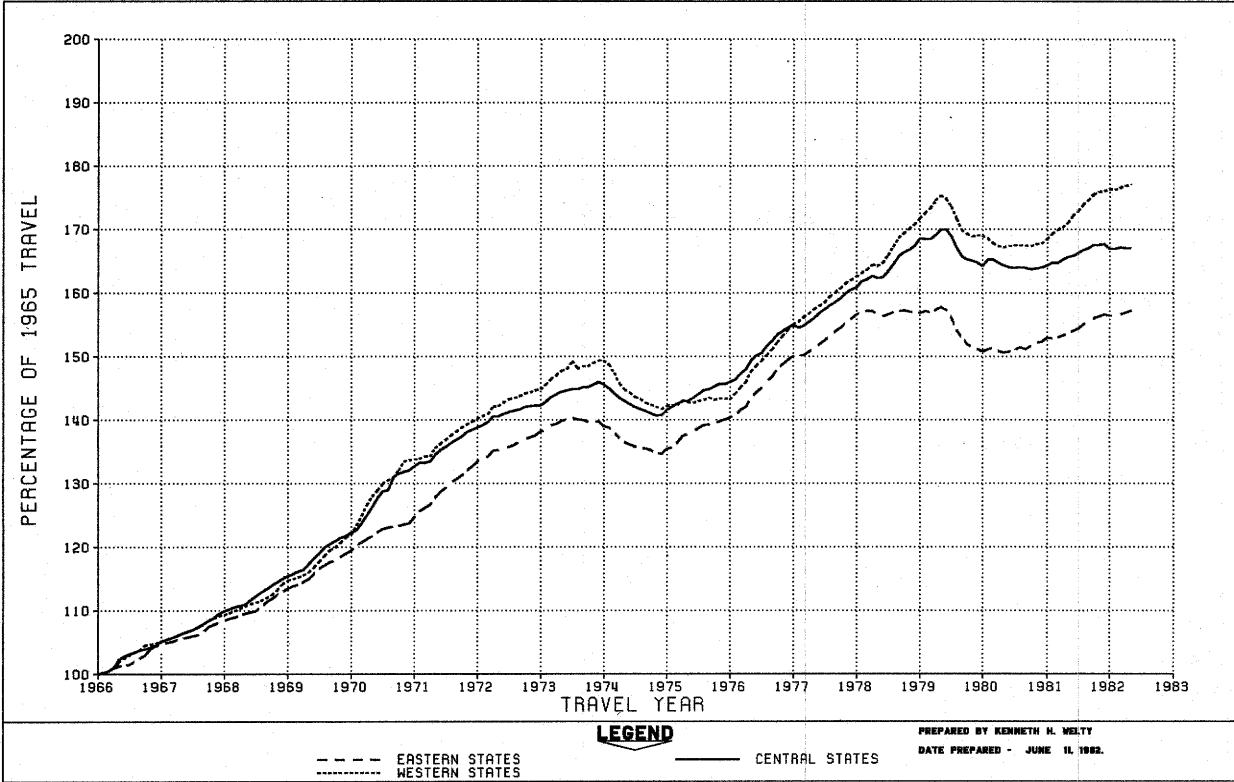


FIGURE 3B - TRAVEL ON URBAN ROADS AND STREETS AS PERCENTAGE OF YEAR 1965

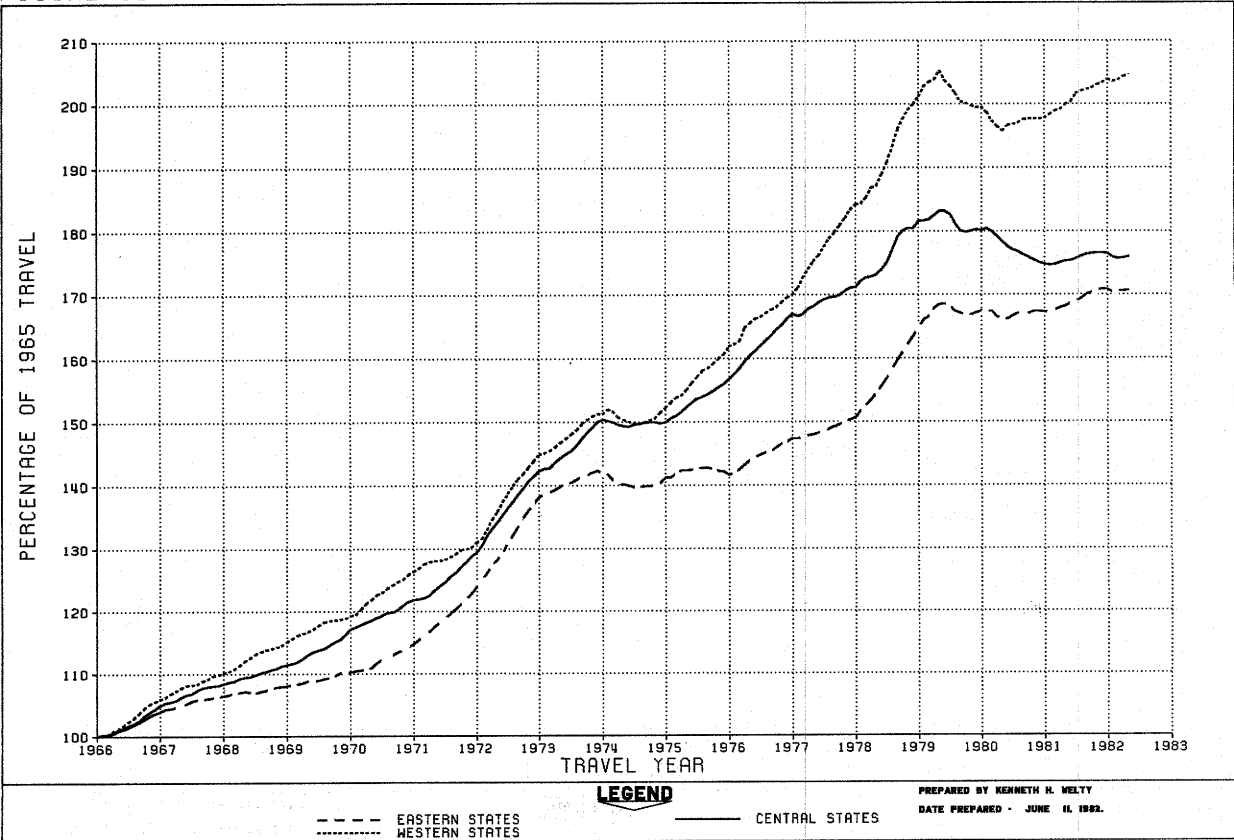


TABLE 1.-SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR APRIL			REVISED DATA FOR MARCH		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1982	1981		1982	1981	
RURAL ARTERIAL ROADS.....	34,278	33,867	1.2	33,044	32,541	1.5
OTHER RURAL ROADS.....	23,444	23,290	0.7	23,599	23,497	0.4
ALL RURAL ROADS.....	57,722	57,156	1.0	56,642	56,039	1.1
CITY STREETS.....	72,435	71,774	0.9	73,244	72,614	0.9
ALL ROADS AND STREETS.....	130,157	128,931	1.0	129,887	128,653	1.0
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	11,702	11,477	2.0	11,347	11,017	3.0
CENTRAL REGION.....	16,304	16,214	0.6	15,591	15,582	0.1
WESTERN REGION.....	6,111	6,025	1.4	5,941	5,788	2.6
TOTAL.....	34,117	33,716	1.2	32,879	32,387	1.5

TABLE 2.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	APRIL (PRELIMINARY)		MARCH (REVISED)		DIVISION AND STATE	APRIL (PRELIMINARY)		MARCH (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.....	3	- 5.5	8	0.8	ALABAMA.....	45	7.6	46	8.6
MAINE.....	22	0.2	21	2.6	KENTUCKY.....	-	-	37	- 0.3
MASSACHUSETTS.....	6	- 1.3	7	5.3	MISSISSIPPI.....	41	1.7	37	2.4
NEW HAMPSHIRE.....	-	-	-	-	TENNESSEE.....	27	2.1	28	0.5
RHODE ISLAND.....	-	-	-	-	WEST NORTH CENTRAL:				
VERMONT.....	37	2.0	38	1.3	IOWA.....	34	- 2.2	41	- 2.4
MIDDLE ATLANTIC:					KANSAS.....	67	1.9	-	-
NEW JERSEY.....	-	-	-	-	MINNESOTA.....	38	- 2.5	37	- 3.7
NEW YORK.....	27	0.5	26	5.8	MISSOURI.....	72	2.3	75	1.3
PENNSYLVANIA.....	42	0.1	42	0.4	NEBRASKA.....	19	- 2.1	19	- 0.5
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	31	- 2.4	32	- 7.0
DELAWARE.....	12	2.7	12	4.8	SOUTH DAKOTA.....	35	- 2.6	37	- 8.5
MARYLAND.....	-	-	-	-	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	2.3	-	1.8	ARKANSAS.....	20	- 3.0	20	- 4.2
WEST VIRGINIA.....	24	5.5	23	1.9	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	28	3.2	-	-
FLORIDA.....	51	2.6	49	2.0	TEXAS.....	116	4.8	117	7.1
GEORGIA.....	-	-	22	2.4	MOUNTAIN:				
NORTH CAROLINA.....	43	3.5	47	2.8	ARIZONA.....	-	-	18	2.7
SOUTH CAROLINA.....	-	-	11	9.1	COLORADO.....	41	6.7	41	13.9
EAST NORTH CENTRAL:					IDAHO.....	-	-	-	-
ILLINOIS.....	-	-	26	- 4.0	MONTANA.....	27	- 2.5	27	- 6.2
INDIANA.....	21	- 0.5	21	- 2.2	NEVADA.....	27	- 6.8	27	- 0.7
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	19	4.1	20	6.2
OHIO.....	15	- 1.4	19	- 2.3	UTAH.....	40	2.6	42	4.4
WISCONSIN.....	43	- 3.0	44	- 3.6	WYOMING.....	26	- 1.4	-	-
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	3	7.4	3	8.3	CALIFORNIA.....	16	0.7	15	2.2
					OREGON.....	-	-	-	-
					WASHINGTON.....	6	1.2	24	0.2

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	33.9	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								
OTHER RURAL	20.3	20.0	23.6	23.4								
URBAN	65.2	63.2	73.2	72.4								
ALL SYSTEMS	113.6	110.8	129.9	130.2								
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1982 VS. 1981												
RURAL ARTERIAL	-3.6	1.7	1.5	1.2								
OTHER RURAL	-3.2	1.3	0.4	0.7								
URBAN	-3.3	0.5	0.9	0.9								
ALL SYSTEMS	-3.4	1.0	1.0	1.0								

\* 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 WELTY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION. 202-426-0160.



FEDERAL HIGHWAY ADMINISTRATION  
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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	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	619.4	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								
OTHER RURAL	20.3	40.3	63.9	87.4								
URBAN	65.2	128.4	201.7	274.1								
ALL SYSTEMS	113.6	224.4	354.3	484.5								
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1982 VS. 1981												
RURAL ARTERIAL	-3.6	-1.0	-0.1	0.3								
OTHER RURAL	-3.2	-1.0	-0.5	-0.2								
URBAN	-3.3	-1.5	-0.6	-0.2								
ALL SYSTEMS	-3.4	-1.3	-0.5	-0.1								

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