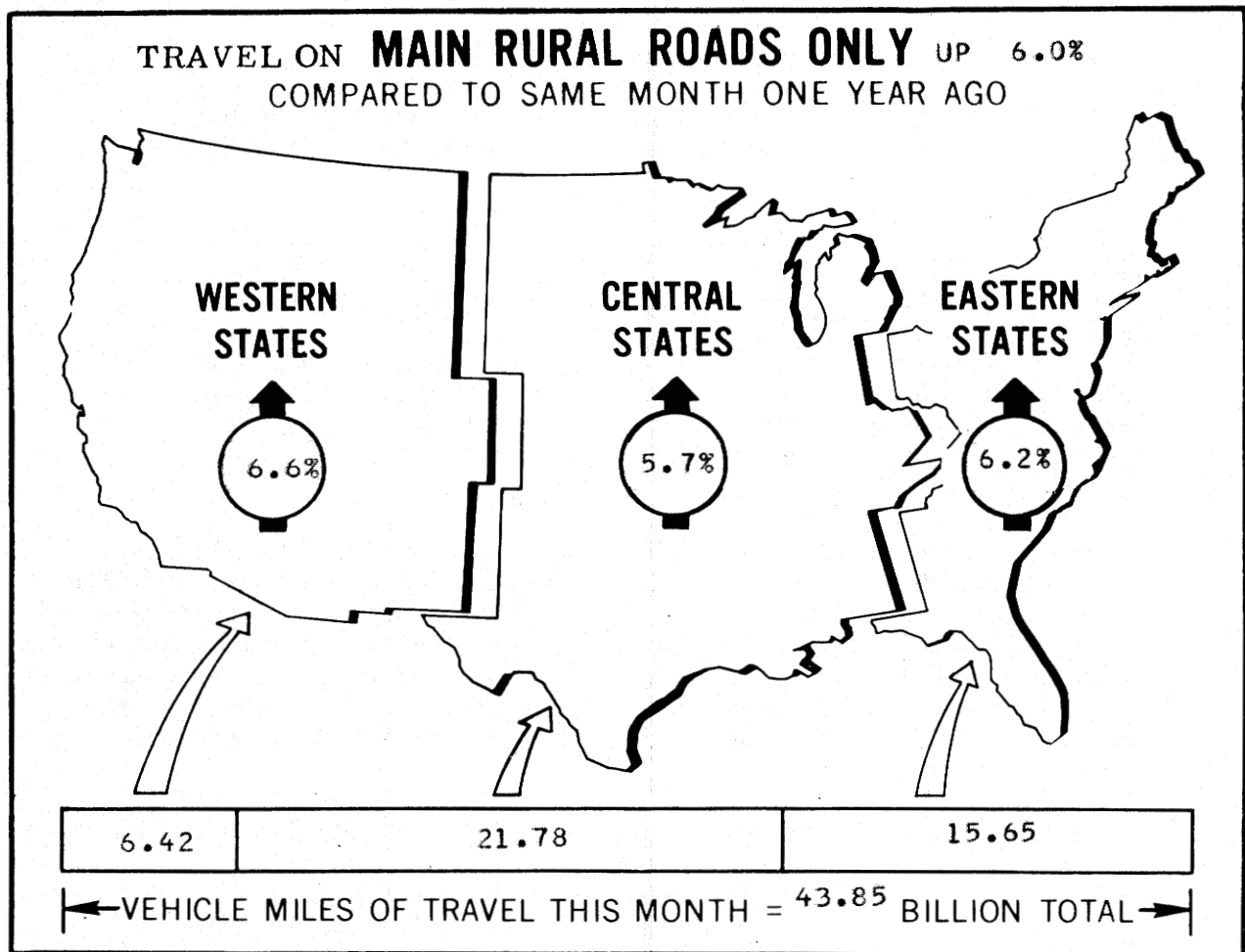


# TRAFFIC VOLUME TRENDS

U. S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

OCTOBER 1977  $\downarrow$

TRAVEL ON **ALL ROADS AND STREETS** UP 4.9%  
COMPARED TO SAME MONTH ONE YEAR AGO



<sup>1/</sup> ALL DATA FOR THIS MONTH ARE PRELIMINARY, REVISED VALUES FOR PREVIOUS MONTH ARE SHOWN IN TABLES 1 and 2.

NOTE: ALL VEHICLE MILES OF TRAVEL HAVE BEEN COMPUTED WITH 1975 VM-2 DATA AS A BASE.

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## Traffic Volume Trends - October 1977

Based on October preliminary reports from the State highway agencies, travel during October 1977 on all roads and streets in the Nation increased by 4.9 percent as compared to October 1976, resulting in estimated travel for the month at 125,371 million vehicle miles. This total includes 44,092 million vehicle miles on main rural roads, 12,859 million vehicle miles on other rural roads, and 68,420 million vehicle miles on city streets.

Travel for the current month as well as the cumulative yearly total on main rural roads and for all roads and streets is shown below. Similiar totals for each year since 1970 are also included.

### Travel in Millions

	Main Rural Roads		All Roads and Streets	
	October	Year to Date	October	Year to Date
1970	35,338	348,504	96,317	940,733
1971	37,470	367,017	102,525	994,545
1972	38,671	379,784	108,841	1066,531
1973	39,754	393,417	113,089	1105,051
1974	38,582	374,601	112,572	1079,483
1975	39,872	393,092	114,879	1117,157
1976	41,591	416,526	119,513	1167,712
1977	44,092	434,546	125,371	1213,712

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 a travel total for the current period.

For extra copies, or to be put on the monthly mailing list, contact:

Federal Highway Administration  
Office of Public Affairs, Room 4208  
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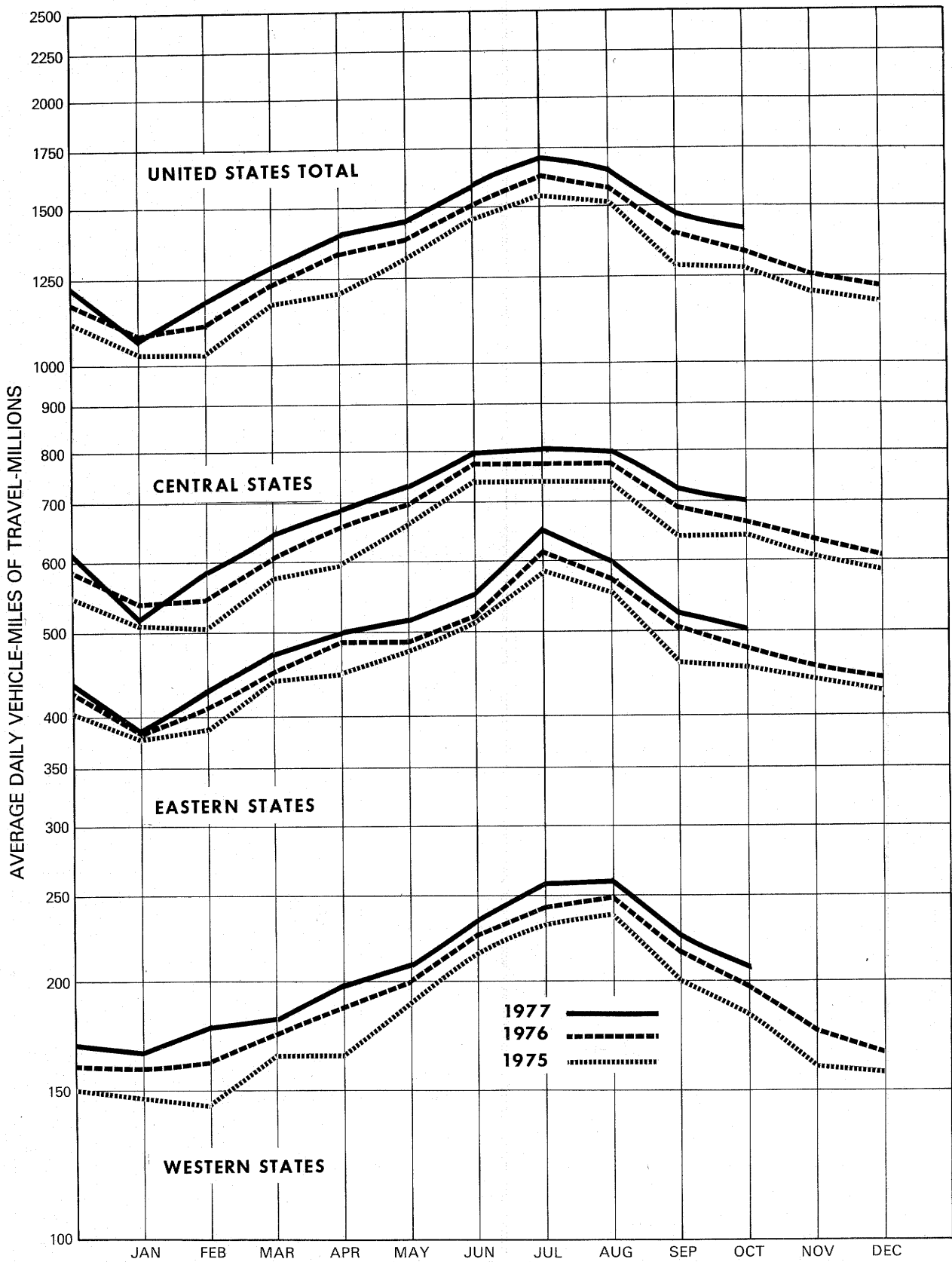


FIGURE 1 - TRAVEL ON MAIN RURAL ROADS, BY MONTHS

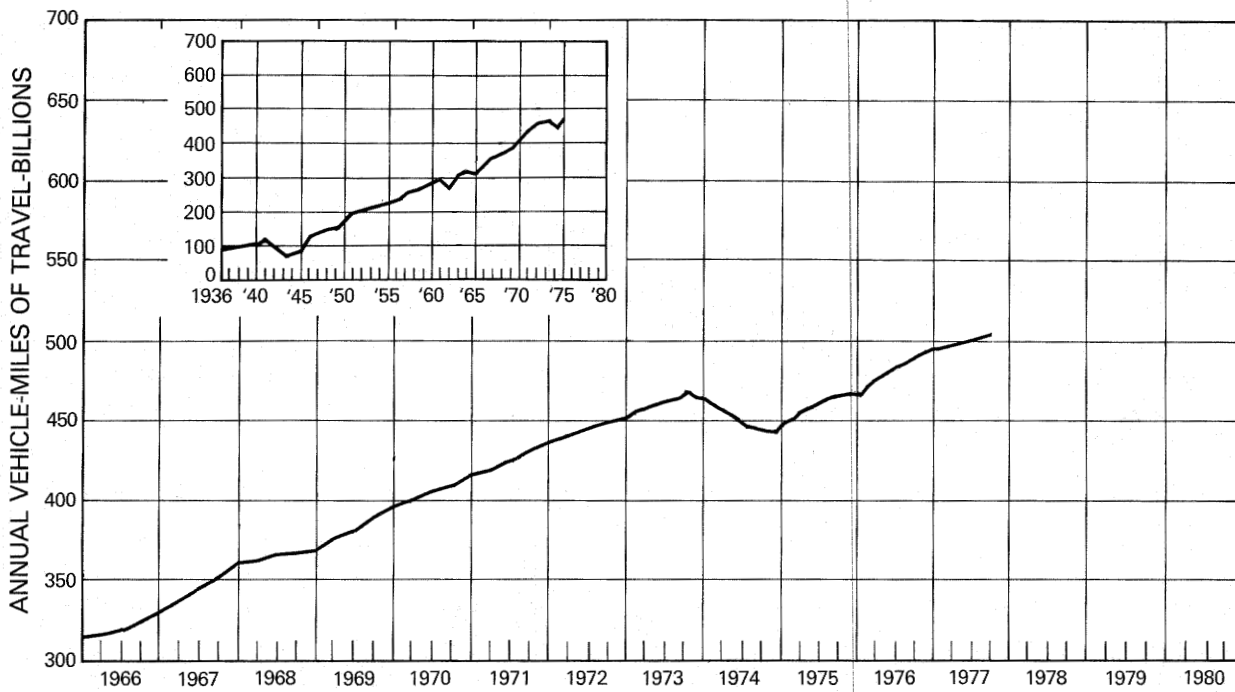


FIGURE 2 - ANNUAL TRAVEL ON MAIN RURAL ROADS FOR 12 MONTH PERIOD ENDING IN MONTH SHOWN

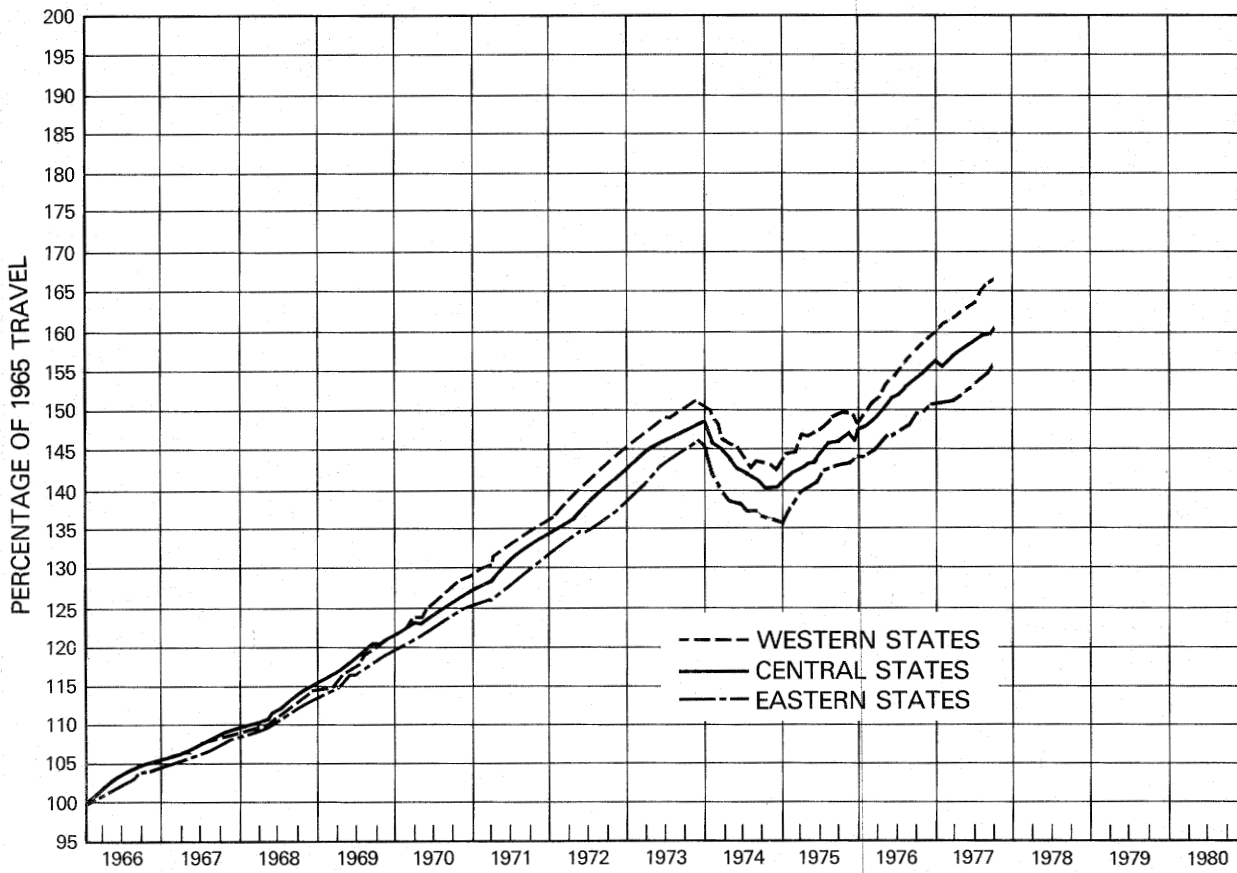


FIGURE 3 - ANNUAL TRAVEL ON MAIN RURAL ROADS AS PERCENTAGE OF YEAR 1965

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
	1977	1976		1977	1976	
MAIN RURAL ROADS.....	44,092	41,591	6.0	44,257	42,179	4.9
LOCAL RURAL ROADS.....	12,859	12,365	4.0	12,417	12,023	3.3
ALL RURAL ROADS.....	56,951	53,957	5.5	56,674	54,203	4.6
CITY STREETS.....	68,420	65,557	4.4	65,167	62,888	3.6
ALL ROADS AND STREETS.....	125,371	119,513	4.9	121,842	117,091	4.1
48 STATES (MAIN RURAL ONLY):						
EASTERN REGION.....	15,651	14,736	6.2	15,626	14,878	5.0
CENTRAL REGION.....	21,773	20,596	5.7	21,570	20,640	4.5
WESTERN REGION.....	6,425	6,029	6.6	6,820	6,435	6.0
TOTAL.....	43,849	41,361	6.0	44,016	41,953	4.9

TABLE 2.--CHANGES CN MAIN RURAL 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.....	-	-	10	- 2.0	ALABAMA.....	-	-	52	6.2
MAINE.....	-	-	23	4.4	KENTUCKY.....	41	7.4	41	8.8
MASSACHUSETTS.....	8	2.0	6	5.7	MISSISSIPPI.....	41	6.8	41	7.0
NEW HAMPSHIRE.....	-	-	55	1.9	TENNESSEE.....	24	2.3	23	1.8
RHODE ISLAND.....	6	4.8	8	5.3	WEST NORTH CENTRAL:				
VERMONT.....	40	0.7	43	0.3	IOWA.....	33	1.7	33	1.2
MIDDLE ATLANTIC:					KANSAS.....	67	4.8	67	2.2
NEW JERSEY.....	22	7.4	19	- 2.3	MINNESOTA.....	37	5.7	39	3.1
NEW YORK.....	1	2.0	20	1.9	MISSOURI.....	67	6.5	64	4.2
PENNSYLVANIA.....	43	7.2	43	6.1	NEBRASKA.....	19	1.5	19	2.6
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	40	0.3	37	- 1.1
DELAWARE.....	13	5.8	14	4.9	SOUTH DAKOTA.....	33	- 0.8	-	-
MARYLAND.....	35	6.0	34	4.6	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	4.8	-	4.3	ARKANSAS.....	-	-	24	3.2
WEST VIRGINIA.....	1	7.8	28	7.0	LOUISIANA.....	-	-	47	7.9
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	-	-	24	2.4
FLORIDA.....	-	-	-	-	TEXAS.....	115	9.0	116	5.3
GEORGIA.....	22	7.4	23	5.9	MOUNTAIN:				
NORTH CAROLINA.....	40	5.3	43	3.7	ARIZONA.....	28	8.5	26	6.7
SOUTH CAROLINA.....	11	12.7	10	13.2	COLORADO.....	41	6.4	41	7.0
EAST NORTH CENTRAL:					IDAHO.....	62	4.2	63	3.3
ILLINOIS.....	-	-	17	4.8	MONTANA.....	27	5.0	27	6.0
INDIANA.....	25	6.5	25	4.6	NEVADA.....	27	10.7	25	9.0
MICHIGAN.....	62	5.0	61	4.4	NEW MEXICO.....	30	7.1	30	5.6
OHIO.....	24	7.0	21	5.4	UTAH.....	-	-	42	9.6
WISCONSIN.....	42	5.6	43	5.1	WYOMING.....	36	6.4	37	6.4
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	3	6.5	3	7.7	CALIFORNIA.....	14	6.7	29	6.7
					OREGON.....	-	-	-	-
					WASHINGTON.....	11	5.2	13	2.9

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 DASH AND THE PERCENTAGE CHANGE IS SHOWN, THE STATES PREPARED TRAFFIC ESTIMATES, GENERALLY BASED ON EXTENSIVE TRAFFIC SAMPLING SURVEYS.

3--WHERE THE NUMBER OF STATIONS AND THE PERCENTAGE CHANGE FOR A STATE ARE DASHES, THE STATE REPORT HAD NOT BEEN RECEIVED AT TIME OF PRINTING, OR NO COMPARABLE DATA WERE AVAILABLE.

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HIGHWAY STATISTICS DIVISION  
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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
1976 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
MAIN RURAL	33.4	32.4	38.4	39.9	42.9	45.8	50.6	49.3	42.2	41.6	38.0	37.8
LOCAL RURAL	9.7	9.6	10.6	11.7	12.5	12.6	13.4	13.4	12.0	12.4	11.2	11.1
URBAN	56.9	55.5	63.4	63.5	66.1	65.8	65.6	68.1	62.9	65.6	60.7	62.7
ALL SYSTEMS	100.0	97.4	112.4	115.2	121.5	124.2	129.6	130.9	117.1	119.5	109.9	111.7
1977 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
MAIN RURAL	32.9	33.6	40.2	41.7	45.3	47.8	53.3	51.4	44.3	44.1		
LOCAL RURAL	9.7	9.9	11.0	12.1	13.1	13.0	13.9	13.8	12.4	12.9		
URBAN	57.9	57.9	66.9	65.9	68.7	68.6	68.2	69.9	65.2	68.4		
ALL SYSTEMS	100.5	101.3	118.1	119.7	127.1	129.4	135.3	135.1	121.8	125.4		
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1977 VS. 1976												
MAIN RURAL	-1.5	3.7	4.8	4.4	5.6	4.4	5.2	4.3	4.9	6.0		
LOCAL RURAL	-0.6	3.0	3.6	3.9	4.6	3.5	3.7	3.0	3.3	4.0		
URBAN	1.8	4.4	5.5	3.7	4.0	4.3	3.9	2.5	3.6	4.4		
ALL SYSTEMS	0.5	4.0	5.0	3.9	4.6	4.2	4.4	3.2	4.1	4.9		

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1976 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

\*\* TO BE REVISED BASED ON 1976 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.

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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
1976 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
MAIN RURAL	33.4	65.8	104.2	144.1	187.0	232.8	283.4	332.8	374.9	416.5	454.5	492.4
LOCAL RURAL	9.7	19.3	29.9	41.6	54.1	66.7	80.0	93.5	105.5	117.8	129.0	140.1
URBAN	56.9	112.4	175.8	239.3	305.4	371.2	436.8	504.9	567.8	633.3	694.1	756.8
ALL SYSTEMS	100.0	197.5	309.9	425.0	546.5	670.6	800.2	931.1	1048.2	1167.7	1277.6	1389.3
1977 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
MAIN RURAL	32.9	66.5	106.7	148.4	193.6	241.5	294.8	346.2	390.5	434.5		
LOCAL RURAL	9.7	19.6	30.5	42.7	55.7	68.7	82.6	96.4	108.8	121.7		
URBAN	57.9	115.8	182.7	248.6	317.3	385.9	454.0	523.9	589.1	657.5		
ALL SYSTEMS	100.5	201.8	319.9	439.6	566.7	696.1	831.4	966.5	1088.3	1213.7		
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1977 VS. 1976												
MAIN RURAL	-1.5	1.0	2.4	3.0	3.6	3.7	4.0	4.0	4.1	4.3		
LOCAL RURAL	-0.6	1.2	2.0	2.5	3.0	3.1	3.2	3.2	3.2	3.3		
URBAN	1.8	3.1	3.9	3.9	3.9	4.0	4.0	3.8	3.7	3.8		
ALL SYSTEMS	0.5	2.2	3.2	3.4	3.7	3.8	3.9	3.8	3.8	3.9		

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