

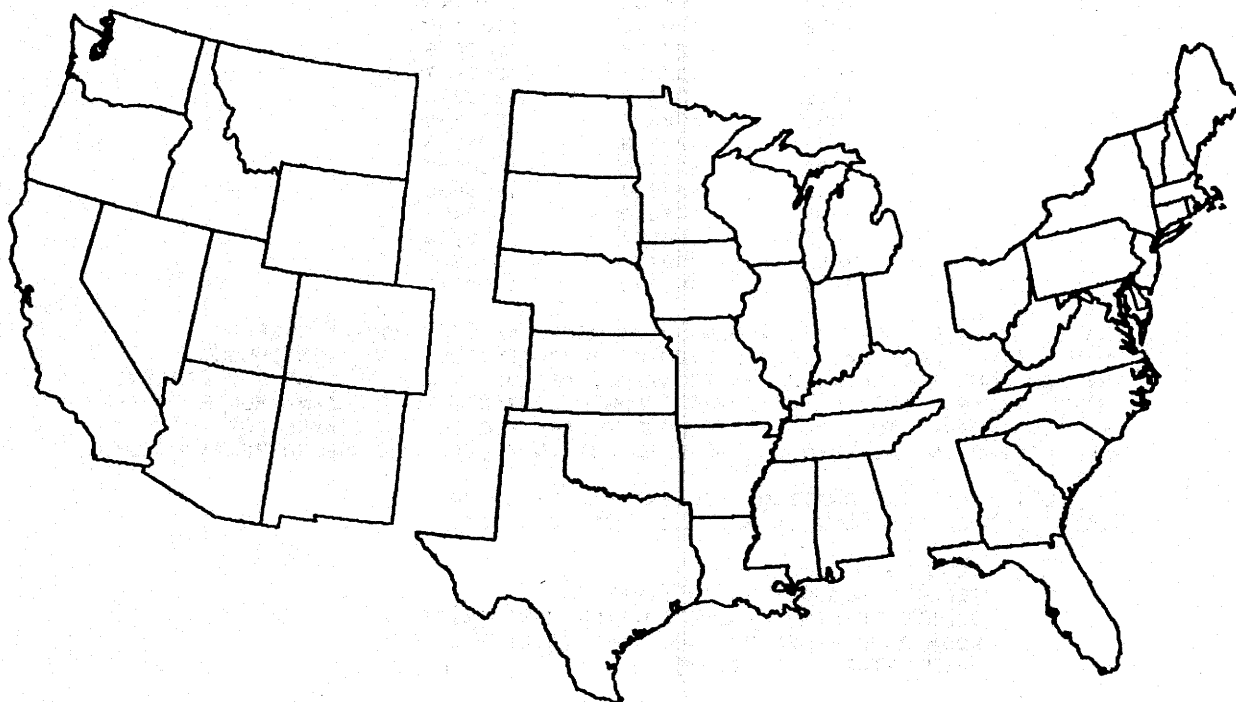


U.S. Department  
of Transportation  
Federal Highway  
Administration

# TRAFFIC VOLUME TRENDS

OCTOBER 1987

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 4.0 PERCENT  
FOR OCTOBER 1987 AS COMPARED TO OCTOBER 1986.**



**WESTERN**

**CENTRAL**

**EASTERN**

**ESTIMATED VEHICLE-MILES OF TRAVEL BY REGION - OCTOBER 1987.**

**33.7 BILLION**

**71.9 BILLION**

**59.2 BILLION**

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

**+4.9**

**+3.7**

**+3.8**

**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 COMPUTED WITH 1986 TABLE VM-2 AS A BASE.

COMPILED WITH DATA ON HAND AS OF DECEMBER 18, 1987.

TRAFFIC VOLUME TRENDS - OCTOBER 1987

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING OCTOBER 1987 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 4.0 PERCENT AS COMPARED TO OCTOBER 1986, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 165743 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 67897 MILLION VEHICLE MILES ON RURAL ROADS AND 97847 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	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	133216	1301045
1982	138780	1338281
1983	144044	1385630
1984	147610	1443401
1985	154587	1492306
1986	159434	1540800
1987	165743	1601595

TRAFFIC VOLUME TRENDS IS A MONTHLY REPORT 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 ADDITIONAL INFORMATION, FOR EXTRA COPIES, OR TO BE PUT ON THE MONTHLY MAILING LIST, CONTACT:

KENNETH H. WELTY  
 FEDERAL HIGHWAY ADMINISTRATION  
 OFFICE OF HIGHWAY INFORMATION MANAGEMENT  
 ROOM 3300 - HPM-30, 400 7TH STREET S.W.,  
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PHONE 202-366-5055

FIGURE 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS

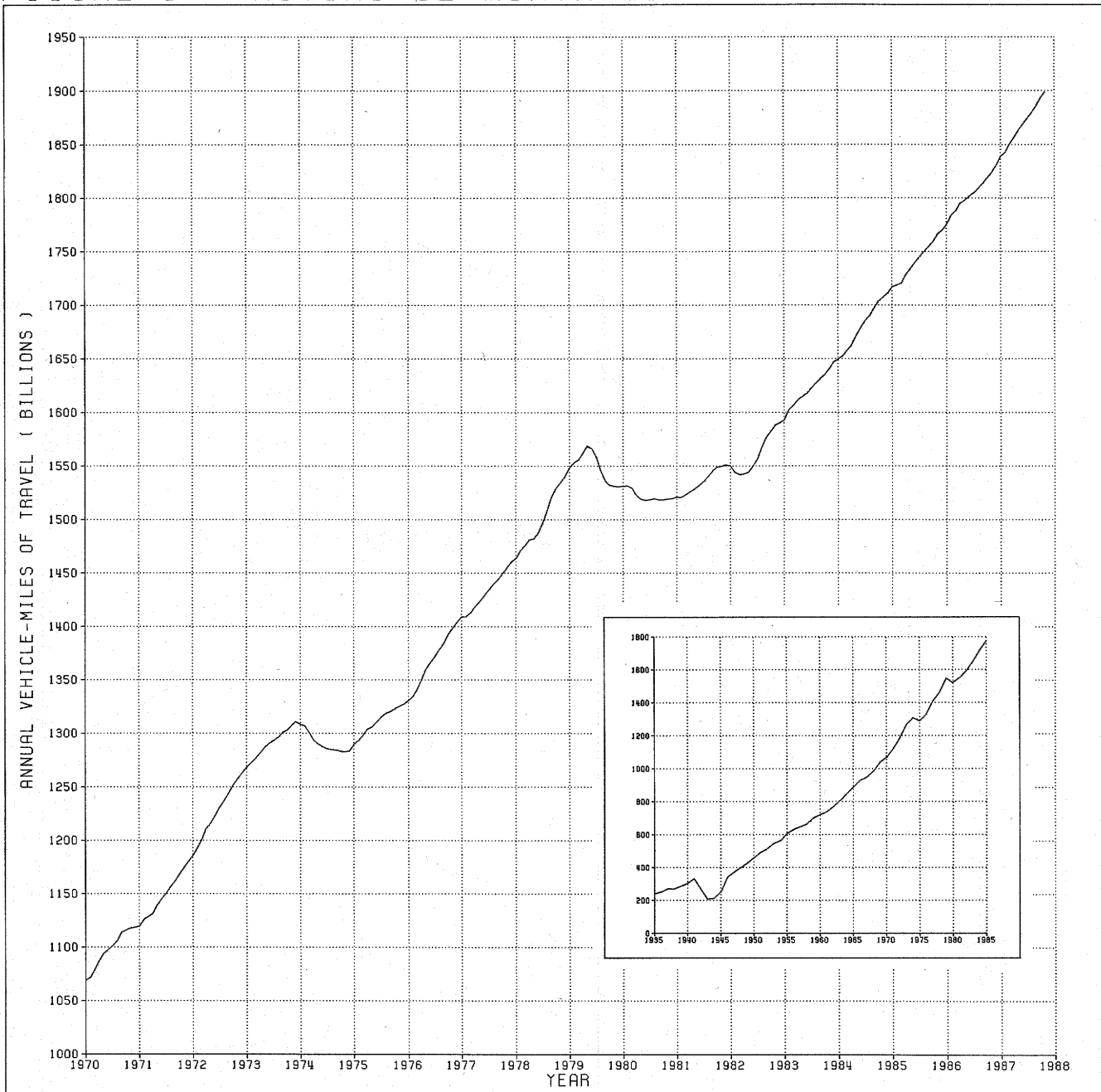


FIGURE 2 - TRAVEL ON U S HIGHWAYS BY MONTH

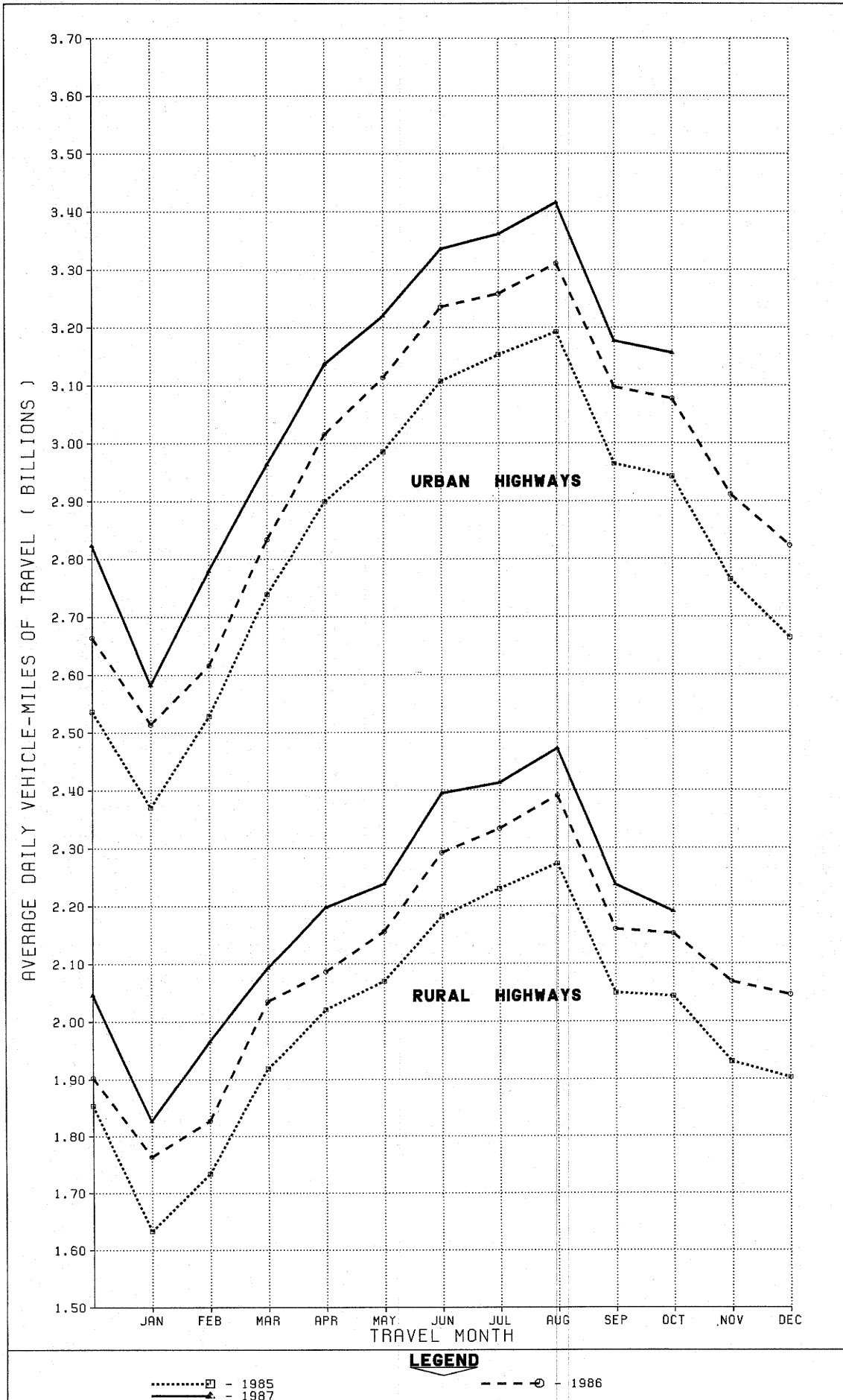


TABLE 1.

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

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1986 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	30.2	28.3	36.6	35.7	39.4	40.9	44.3	45.0	37.8	38.7	36.4	36.4
OTHER RURAL	22.8	21.2	25.1	25.0	26.1	25.9	26.6	27.1	25.4	26.2	24.2	24.9
URBAN	80.0	74.0	89.5	89.5	95.0	95.6	100.3	101.9	92.2	94.6	87.2	88.3
ALL SYSTEMS	133.0	123.5	151.2	150.3	160.5	162.4	171.1	174.0	155.5	159.4	147.8	149.6
1987 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	31.3	30.6	37.5	37.9	40.9	42.8	46.1	46.7	40.6	40.8		
OTHER RURAL	23.4	22.6	25.9	26.1	27.0	26.8	27.1	27.8	26.5	27.1		
URBAN	82.2	78.8	93.4	93.1	98.3	98.2	103.6	105.2	95.3	97.8		
ALL SYSTEMS	136.9	132.1	156.8	157.1	166.2	167.7	176.8	179.7	162.4	165.7		
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1987 VS. 1986												
RURAL ARTERIAL	3.5	8.3	2.7	6.0	4.0	4.5	4.2	3.8	7.4	5.5		
OTHER RURAL	2.7	6.4	3.0	4.2	3.5	3.5	2.0	2.8	4.2	3.7		
URBAN	2.8	6.6	4.3	4.1	3.5	2.7	3.3	3.2	3.4	3.4		
ALL SYSTEMS	2.9	6.9	3.7	4.6	3.6	3.3	3.3	3.3	4.5	4.0		

TABLE 2.

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

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1986 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	30.2	58.5	95.1	130.8	170.2	211.1	255.4	300.4	338.2	376.8	413.2	449.6
OTHER RURAL	22.8	44.1	69.1	94.2	120.2	146.1	172.7	199.8	225.2	251.3	275.5	300.5
URBAN	80.0	154.0	243.5	333.0	428.0	523.6	623.9	725.8	818.0	912.6	999.9	1088.2
ALL SYSTEMS	133.0	256.5	407.7	558.0	718.4	880.8	1051.9	1225.9	1381.4	1540.8	1688.6	1838.2
1987 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	31.3	61.9	99.4	137.3	178.3	221.0	267.2	313.9	354.5	395.3		
OTHER RURAL	23.4	46.0	71.9	98.0	125.0	151.8	178.9	206.7	233.2	260.3		
URBAN	82.2	161.1	254.5	347.6	446.0	544.1	647.7	752.9	848.2	946.0		
ALL SYSTEMS	136.9	269.0	425.8	583.0	749.2	916.9	1093.7	1273.4	1435.9	1601.6		
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1987 VS. 1986												
RURAL ARTERIAL	3.5	5.8	4.6	5.0	4.8	4.7	4.6	4.5	4.8	4.9		
OTHER RURAL	2.7	4.5	4.0	4.0	3.9	3.8	3.6	3.5	3.5	3.6		
URBAN	2.8	4.6	4.5	4.4	4.2	3.9	3.8	3.7	3.7	3.7		
ALL SYSTEMS	2.9	4.9	4.4	4.5	4.3	4.1	4.0	3.9	3.9	3.9		

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1987 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.  
 \*\* TO BE REVISED BASED ON 1987 FINAL TRAVEL ESTIMATES.  
 \*\*\* SYSTEM ENTRIES MAY NOT ADD TO TOTAL "ALL SYSTEMS" DUE TO ROUNDING.  
 FOR FURTHER INFORMATION CONTACT KENNETH WELTY, OFFICE OF HIGHWAY INFORMATION MANAGEMENT, FEDERAL HIGHWAY ADMINISTRATION, PHONE 202-366-5055.

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

	PRELIMINARY DATA FOR OCTOBER			REVISED DATA FOR SEPTEMBER		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1987	1986		1987	1986	
CLASS OF ROAD, ALL STATES:						
RURAL ARTERIAL ROADS.....	40,787	38,659	5.5	40,615	37,820	7.4
OTHER RURAL ROADS.....	27,109	26,150	3.7	26,489	25,428	4.2
ALL RURAL ROADS.....	67,897	64,809	4.8	67,104	63,248	6.1
CITY STREETS.....	97,847	94,625	3.4	95,306	92,213	3.4
ALL ROADS AND STREETS.....	165,743	159,434	4.0	162,409	155,462	4.5
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	13,717	13,063	5.0	13,281	12,467	6.5
CENTRAL REGION.....	19,739	18,611	6.1	19,577	18,096	8.2
WESTERN REGION.....	7,129	6,793	5.0	7,559	7,070	6.9
TOTAL.....	40,585	38,467	5.5	40,417	37,633	7.4

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.....	10	5.2	10	5.1	ALABAMA.....	47	7.8	47	8.9
MAINE.....	-	-	-	-	KENTUCKY.....	28	7.9	29	10.3
MASSACHUSETTS.....	9	1.7	8	6.3	MISSISSIPPI.....	12	6.2	16	8.1
NEW HAMPSHIRE.....	52	6.1	53	6.3	TENNESSEE.....	11	8.7	10	11.2
RHODE ISLAND.....	-	-	-	-	WEST NORTH CENTRAL:				
VERMONT.....	27	3.1	27	9.4	IOWA.....	34	8.5	34	8.7
MIDDLE ATLANTIC:					KANSAS.....	57	5.8	61	6.1
NEW JERSEY.....	10	3.0	9	3.1	MINNESOTA.....	34	4.7	31	11.1
NEW YORK.....	-	-	14	9.8	MISSOURI.....	45	8.3	45	10.1
PENNSYLVANIA.....	12	2.0	13	3.9	NEBRASKA.....	24	9.0	22	9.7
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	29	3.4	28	5.7
DELAWARE.....	-	-	18	9.1	SOUTH DAKOTA.....	26	4.5	26	9.2
MARYLAND.....	-	-	28	3.2	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	5.0	-	5.3	ARKANSAS.....	14	7.2	14	8.4
WEST VIRGINIA.....	-	-	11	- 0.8	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	34	6.7	34	4.3
FLORIDA.....	-	-	-	-	TEXAS.....	81	2.6	-	-
GEORGIA.....	-	-	-	-	MOUNTAIN:				
NORTH CAROLINA.....	21	7.0	19	7.4	ARIZONA.....	-	-	19	9.8
SOUTH CAROLINA.....	-	-	-	-	COLORADO.....	-	-	-	-
EAST NORTH CENTRAL:					IDAHO.....	48	5.3	45	7.4
ILLINOIS.....	-	-	-	-	MONTANA.....	-	-	26	9.7
INDIANA.....	24	3.3	23	5.6	NEVADA.....	12	8.0	13	10.8
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	42	5.2	42	6.6
OHIO.....	15	7.1	16	8.8	UTAH.....	45	1.1	-	-
WISCONSIN.....	42	6.2	41	8.9	WYOMING.....	38	8.3	33	8.6
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	3	5.5	3	6.6	CALIFORNIA.....	-	5.7	-	6.8
					OREGON.....	-	-	-	-
					WASHINGTON.....	39	4.6	36	1.6

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.

# 1986 REVISED TRAVEL ESTIMATES

SYSTEM	MONTH											
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THESE ESTIMATES HAVE BEEN REVISED TO AGREE WITH FINAL ESTIMATES OF 1986

U.S. Department  
of Transportation

**Federal Highway  
Administration**

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