



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

# TRAFFIC VOLUME TRENDS

## AUGUST 1986

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 4.1 PERCENT  
FOR AUGUST 1986 AS COMPARED TO AUGUST 1985.**



<b>WESTERN</b>	<b>CENTRAL</b>	<b>EASTERN</b>
<b>ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - AUGUST 1986.</b>		
<b>36.3 BILLION</b>	<b>75.2 BILLION</b>	<b>64.0 BILLION</b>
<b>PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR</b>		
<b>+5.3</b>	<b>+3.5</b>	<b>+4.2</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 1983 VM-2 AS A BASE.

COMPILED WITH DATA ON HAND AS OF OCTOBER 14, 1986.

TRAFFIC VOLUME TRENDS - AUGUST 1986

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING AUGUST 1986 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 4.1 PERCENT AS COMPARED TO AUGUST 1985, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 176508 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 75573 MILLION VEHICLE MILES ON RURAL ROADS AND 100936 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	
	AUGUST	YEAR TO DATE
1970	106969	749162
1971	112642	790730
1972	119913	849618
1973	124126	881630
1974	124070	857786
1975	126103	888491
1976	131913	942496
1977	136337	977075
1978	149461	1035612
1979	139942	1023330
1980	138666	1012541
1981	143164	1036644
1982	153300	1063190
1983	157649	1101648
1984	164920	1149717
1985	169526	1184788
1986	176508	1234660

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 EXTRA COPIES, OR TO BE PUT ON THE MONTHLY MAILING LIST, CONTACT: FEDERAL HIGHWAY ADMINISTRATION, OFFICE OF HIGHWAY INFORMATION MANAGEMENT, ROOM 3300 - HPM-30, 400 7TH STREET S.W., WASHINGTON, D.C. 20590. PHONE 202-426-0160.

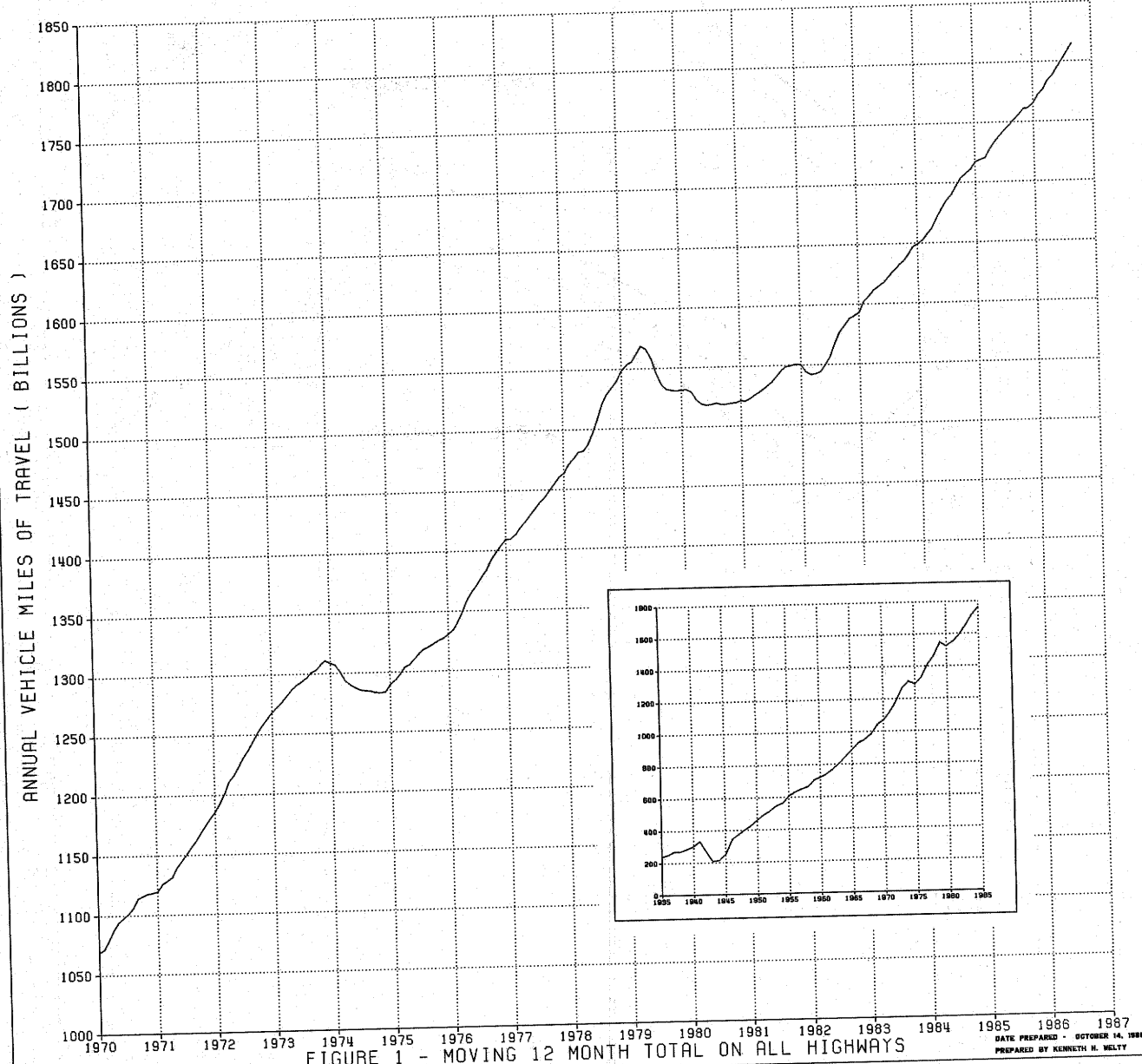
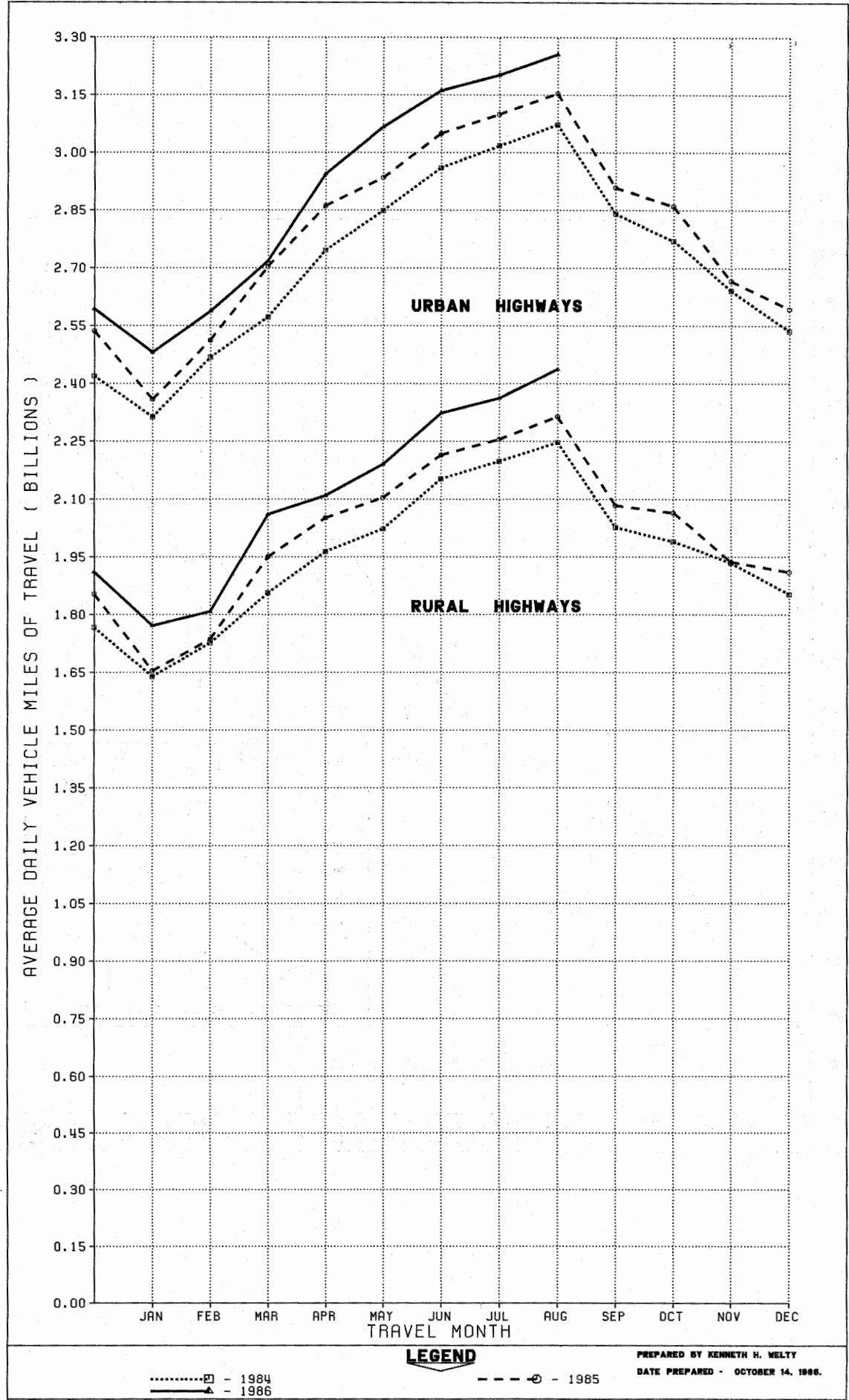


FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS

DATE PREPARED - OCTOBER 14, 1988.  
 PREPARED BY KENNETH H. MELTY

FIGURE 2 - TRAVEL ON U S HIGHWAYS BY MONTH



LEGEND

- 1984  
 - 1986  
 - 1985

PREPARED BY KENNETH H. WELTY  
 DATE PREPARED - OCTOBER 14, 1986.

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
1985 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	29.2	28.0	35.6	36.6	39.3	40.8	43.8	45.1	37.7	38.1	34.4	34.9
OTHER RURAL	22.1	20.7	24.9	24.9	26.0	25.7	26.1	26.6	24.8	26.0	23.7	24.4
URBAN	73.1	70.3	83.8	85.9	91.0	91.5	96.1	97.8	87.3	88.7	80.0	80.4
ALL SYSTEMS	124.4	119.0	144.3	147.4	156.2	157.9	166.0	169.5	149.8	152.7	138.1	139.6
1986 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	31.7	29.4	38.2	37.8	41.3	43.0	46.3	47.8				
OTHER RURAL	23.5	21.5	25.9	25.5	26.6	26.7	26.9	27.8				
URBAN	77.3	72.5	86.5	88.3	95.1	94.8	99.3	100.9				
ALL SYSTEMS	132.5	123.4	150.6	151.6	163.0	164.5	172.5	176.5				
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1986 VS. 1985												
RURAL ARTERIAL	8.7	5.1	7.3	3.2	5.2	5.5	5.7	5.9				
OTHER RURAL	6.2	4.2	3.9	2.3	2.4	3.9	3.1	4.4				
URBAN	5.7	3.1	3.2	2.9	4.5	3.6	3.3	3.2				
ALL SYSTEMS	6.5	3.8	4.4	2.9	4.3	4.2	3.9	4.1				

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
1985 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	29.2	57.1	92.7	129.3	168.6	209.4	253.2	298.3	336.0	374.1	408.5	443.3
OTHER RURAL	22.1	42.8	67.7	92.6	118.6	144.2	170.3	196.9	221.8	247.7	271.5	295.8
URBAN	73.1	143.5	227.3	313.2	404.1	495.6	591.7	689.5	776.8	865.5	945.5	1025.9
ALL SYSTEMS	124.4	243.4	387.7	535.1	691.3	849.2	1015.3	1184.8	1334.6	1487.3	1625.4	1765.0
1986 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	31.7	61.1	99.3	137.1	178.4	221.4	267.7	315.5				
OTHER RURAL	23.5	45.0	70.9	96.4	123.0	149.7	176.5	204.3				
URBAN	77.3	149.8	236.4	324.7	419.8	514.6	613.9	714.8				
ALL SYSTEMS	132.5	255.9	406.5	558.1	721.1	885.7	1058.2	1234.7				
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1986 VS. 1985												
RURAL ARTERIAL	8.7	6.9	7.1	6.0	5.8	5.7	5.7	5.8				
OTHER RURAL	6.2	5.2	4.7	4.1	3.7	3.7	3.6	3.7				
URBAN	5.7	4.4	4.0	3.7	3.9	3.8	3.7	3.7				
ALL SYSTEMS	6.5	5.2	4.9	4.3	4.3	4.3	4.2	4.2				

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1985 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.  
\*\* TO BE REVISED BASED ON 1985 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 3.-SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR AUGUST			REVISED DATA FOR JULY		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1986	1985		1986	1985	
RURAL ARTERIAL ROADS.....	47,805	45,137	5.9	46,329	43,834	5.7
OTHER RURAL ROADS.....	27,768	26,606	4.4	26,894	26,085	3.1
ALL RURAL ROADS.....	75,573	71,743	5.3	73,223	69,919	4.7
CITY STREETS.....	100,936	97,783	3.2	99,266	96,096	3.3
ALL ROADS AND STREETS.....	176,508	169,526	4.1	172,489	166,015	3.9
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	16,189	15,012	7.8	15,698	14,489	8.3
CENTRAL REGION.....	22,849	21,825	4.7	22,088	21,237	4.0
WESTERN REGION.....	8,504	8,057	5.5	8,284	7,867	5.3
TOTAL.....	47,542	44,894	5.9	46,070	43,593	5.7

TABLE 4.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	AUGUST (PRELIMINARY)		JULY (REVISED)		DIVISION AND STATE	AUGUST (PRELIMINARY)		JULY (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.....	8	4.6	9	3.8	ALABAMA.....	45	7.1	45	8.9
MAINE.....	-	-	19	4.9	KENTUCKY.....	-	-	27	2.5
MASSACHUSETTS.....	-	-	8	9.3	MISSISSIPPI.....	28	4.1	32	5.2
NEW HAMPSHIRE.....	-	-	-	-	TENNESSEE.....	-	-	11	13.7
RHODE ISLAND.....	5	2.6	-	-	WEST NORTH CENTRAL:				
VERMONT.....	28	6.9	27	7.2	IOWA.....	61	1.7	62	1.7
MIDDLE ATLANTIC:					KANSAS.....	53	1.4	55	2.0
NEW JERSEY.....	-	-	-	-	MINNESOTA.....	24	4.9	24	4.6
NEW YORK.....	12	3.8	15	0.9	MISSOURI.....	12	5.8	11	4.4
PENNSYLVANIA.....	5	16.4	6	18.0	NEBRASKA.....	22	2.9	22	0.9
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	-	-	-	-
DELAWARE.....	15	4.8	14	3.1	SOUTH DAKOTA.....	22	5.2	24	5.6
MARYLAND.....	-	-	-	-	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	5.2	-	5.2	ARKANSAS.....	15	4.5	15	5.0
WEST VIRGINIA.....	11	3.0	12	1.6	LOUISIANA.....	-	-	5	-1.7
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	33	-	31	2.2
FLORIDA.....	11	5.0	11	9.6	TEXAS.....	-	-	-	-
GEORGIA.....	24	13.5	19	13.7	MOUNTAIN:				
NORTH CAROLINA.....	16	5.6	21	7.3	ARIZONA.....	-	-	-	-
SOUTH CAROLINA.....	-	-	6	3.9	COLORADO.....	30	2.5	11	7.7
EAST NORTH CENTRAL:					IDAHO.....	-	-	54	1.5
ILLINOIS.....	31	8.1	30	6.4	MONTANA.....	-	-	22	0.7
INDIANA.....	-	-	-	-	NEVADA.....	12	4.1	12	3.2
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	42	4.9	-	-
OHIO.....	15	5.7	11	3.2	UTAH.....	37	-1.3	46	0.0
WISCONSIN.....	37	2.2	38	3.0	WYOMING.....	36	-0.3	36	0.5
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	3	7.2	3	6.9	CALIFORNIA.....	-	6.4	-	6.4
					OREGON.....	-	-	-	-
					WASHINGTON.....	25	9.2	28	9.4

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.



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