

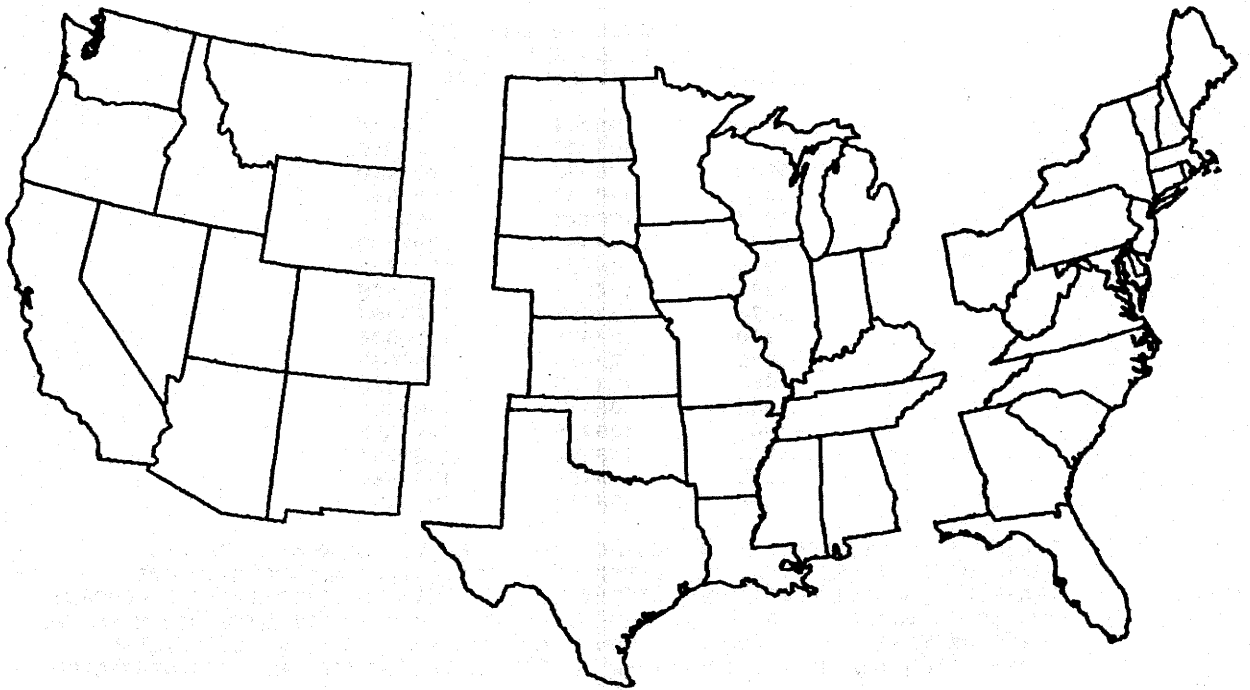


U.S. Department  
of Transportation  
**Federal Highway  
Administration**

# TRAFFIC VOLUME TRENDS

SEPTEMBER 1986

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 4.5 PERCENT  
FOR SEPTEMBER 1986 AS COMPARED TO SEPTEMBER 1985.**



WESTERN	CENTRAL	EASTERN
ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - SEPTEMBER 1986.		
32.4 BILLION	67.0 BILLION	56.1 BILLION
PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR		
+5.5	+3.2	+5.3

**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 NOVEMBER 12, 1986.

TRAFFIC VOLUME TRENDS - SEPTEMBER 1986

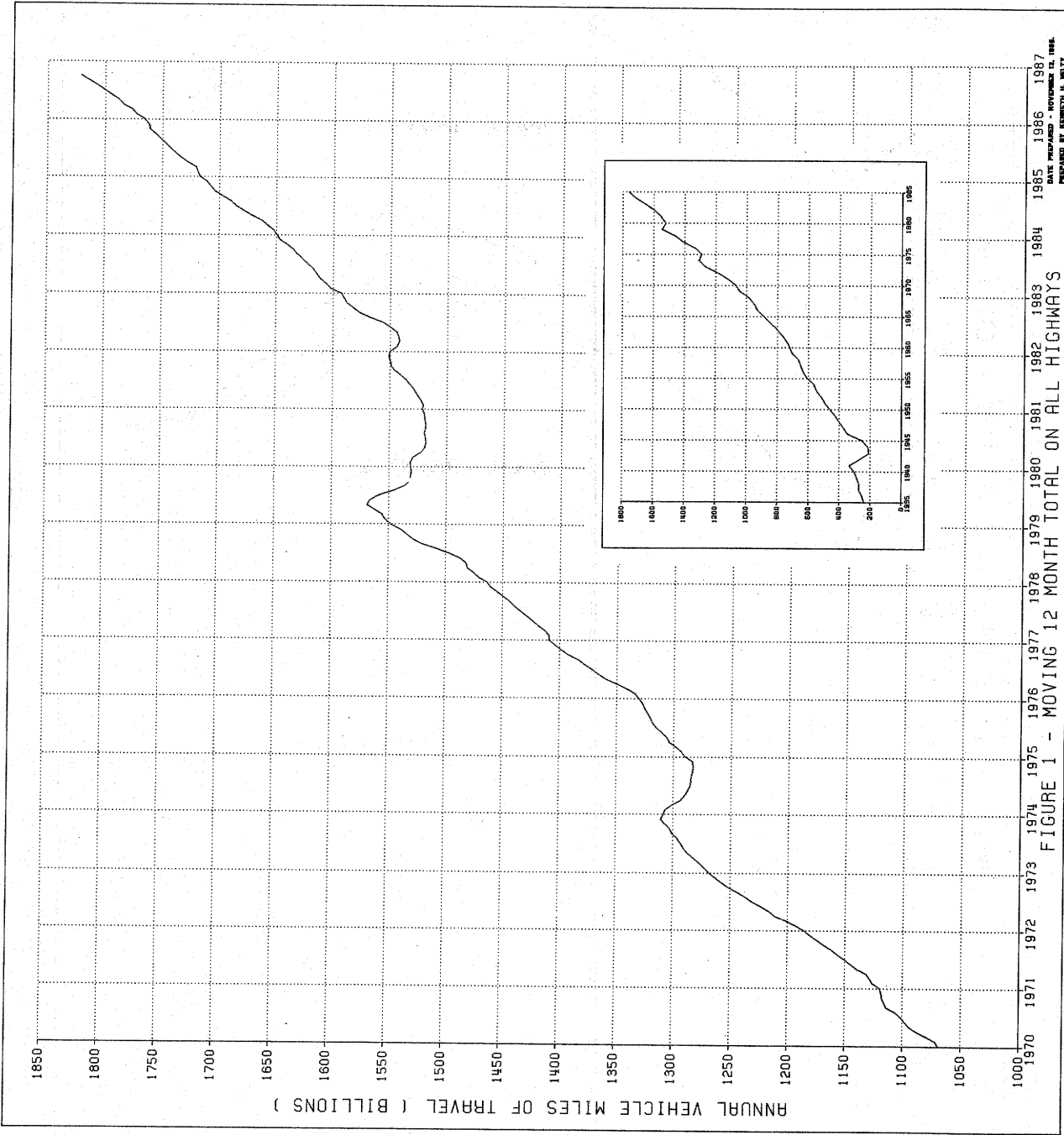
BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING SEPTEMBER 1986 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 4.5 PERCENT AS COMPARED TO SEPTEMBER 1985, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 156474 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 65533 MILLION VEHICLE MILES ON RURAL ROADS AND 90941 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	
	SEPTEMBER	YEAR TO DATE
1970	95254	844416
1971	101290	892020
1972	108072	957690
1973	110332	991962
1974	109125	966911
1975	111399	999890
1976	119431	1061927
1977	124203	1101278
1978	131385	1166997
1979	127576	1150906
1980	127482	1140023
1981	131185	1167829
1982	136311	1199501
1983	139938	1241586
1984	146074	1295791
1985	149798	1334586
1986	156474	1391254

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.

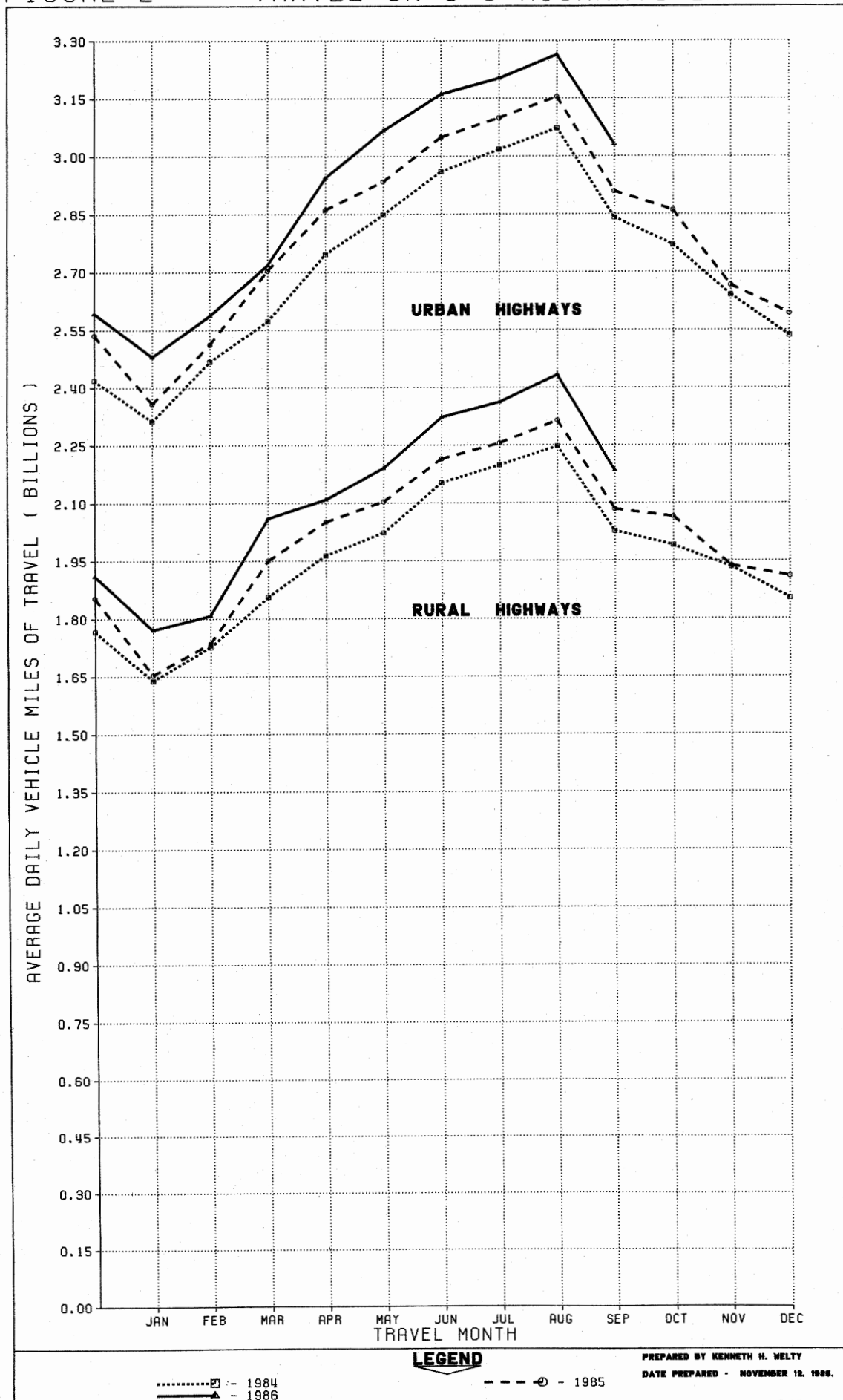


1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987

FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS

PREPARED BY UNIVERSITY OF MICHIGAN

FIGURE 2 - TRAVEL ON U S HIGHWAYS BY MONTH



**LEGEND**

.....□ - 1984  
 ————▲ - 1986

- - - - ○ - 1985

PREPARED BY KENNETH H. WELTY  
 DATE PREPARED - NOVEMBER 12, 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	47.6	39.6			
OTHER RURAL	23.5	21.5	25.9	25.5	26.6	26.7	26.9	27.8	25.9			
URBAN	77.3	72.5	86.5	88.3	95.1	94.8	99.3	101.2	90.9			
ALL SYSTEMS	132.5	123.4	150.6	151.6	163.0	164.5	172.5	176.6	156.5			
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	5.5	5.1			
OTHER RURAL	6.2	4.2	3.9	2.3	2.4	3.9	3.1	4.6	4.3			
URBAN	5.7	3.1	3.2	2.9	4.5	3.6	3.3	3.5	4.2			
ALL SYSTEMS	6.5	3.8	4.4	2.9	4.3	4.2	3.9	4.2	4.5			

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	315.3	355.0			
OTHER RURAL	23.5	45.0	70.9	96.4	123.0	149.7	176.5	204.4	230.3			
URBAN	77.3	149.8	236.4	324.7	419.8	514.6	613.9	715.1	806.0			
ALL SYSTEMS	132.5	255.9	406.5	558.1	721.1	885.7	1058.2	1234.8	1391.3			
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	5.7	5.6			
OTHER RURAL	6.2	5.2	4.7	4.1	3.7	3.7	3.6	3.8	3.8			
URBAN	5.7	4.4	4.0	3.7	3.9	3.8	3.7	3.7	3.8			
ALL SYSTEMS	6.5	5.2	4.9	4.3	4.3	4.3	4.2	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 SEPTEMBER			REVISED DATA FOR AUGUST		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1986	1985		1986	1985	
RURAL ARTERIAL ROADS.....	39,624	37,687	5.1	47,634	45,137	5.5
OTHER RURAL ROADS.....	25,909	24,838	4.3	27,826	26,606	4.6
ALL RURAL ROADS.....	65,533	62,526	4.8	75,460	71,743	5.2
CITY STREETS.....	90,941	87,273	4.2	101,169	97,783	3.5
ALL ROADS AND STREETS.....	156,474	149,798	4.5	176,628	169,526	4.2
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	13,158	12,331	6.7	16,140	15,012	7.5
CENTRAL REGION.....	19,003	18,273	4.0	22,787	21,825	4.4
WESTERN REGION.....	7,240	6,876	5.3	8,446	8,057	4.8
TOTAL.....	39,401	37,480	5.1	47,373	44,894	5.5

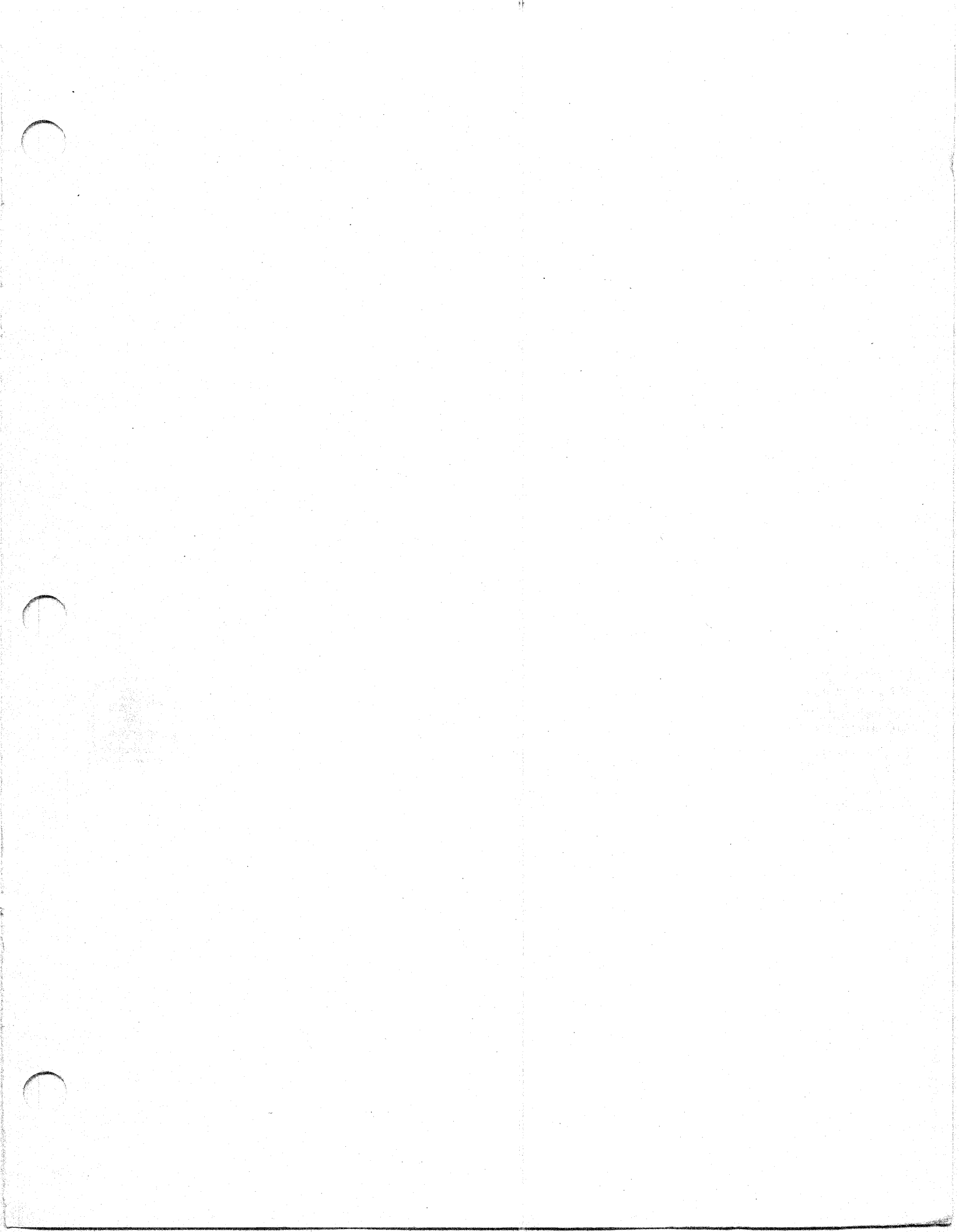
TABLE 4.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	SEPTEMBER (PRELIMINARY)		AUGUST (REVISED)		DIVISION AND STATE	SEPTEMBER (PRELIMINARY)		AUGUST (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.....	9	5.9	9	4.7	ALABAMA.....	46	6.6	45	7.1
MAINE.....	19	8.8	-	-	KENTUCKY.....	27	3.5	25	5.2
MASSACHUSETTS.....	-	-	-	-	MISSISSIPPI.....	27	3.1	28	4.1
NEW HAMPSHIRE.....	-	-	-	-	TENNESSEE.....	13	4.8	11	8.2
RHODE ISLAND.....	-	-	5	2.6	WEST NORTH CENTRAL:				
VERMONT.....	27	9.6	28	6.9	IOWA.....	62	2.4	61	1.7
MIDDLE ATLANTIC:					KANSAS.....	61	2.9	53	1.4
NEW JERSEY.....	-	-	12	1.9	MINNESOTA.....	23	5.2	24	4.9
NEW YORK.....	12	6.8	12	3.8	MISSOURI.....	13	5.9	12	5.8
PENNSYLVANIA.....	-	-	5	16.4	NEBRASKA.....	22	2.6	22	2.9
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	-	-	-	-
DELAWARE.....	16	2.5	15	4.8	SOUTH DAKOTA.....	24	3.1	22	5.2
MARYLAND.....	-	-	28	6.7	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	5.2	-	5.1	ARKANSAS.....	15	6.1	15	4.5
WEST VIRGINIA.....	12	2.6	11	3.0	LOUISIANA.....	-	-	6	1.3
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	33	2.1	33	-
FLORIDA.....	19	8.7	11	5.0	TEXAS.....	-	-	-	-
GEORGIA.....	26	12.4	24	13.5	MOUNTAIN:				
NORTH CAROLINA.....	21	6.9	16	5.6	ARIZONA.....	-	-	-	-
SOUTH CAROLINA.....	6	7.2	5	3.7	COLORADO.....	33	3.4	31	2.5
EAST NORTH CENTRAL:					IDAHO.....	53	2.8	53	1.0
ILLINOIS.....	30	3.5	31	8.1	MONTANA.....	31	3.4	30	3.6
INDIANA.....	-	-	-	-	NEVADA.....	12	1.9	12	4.1
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	42	4.3	42	4.9
OHIO.....	14	3.5	15	5.7	UTAH.....	43	- 1.5	37	- 1.3
WISCONSIN.....	36	3.5	37	2.2	WYOMING.....	32	- 3.3	36	- 0.3
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	3	7.0	3	7.2	CALIFORNIA.....	-	6.9	-	6.9
					OREGON.....	-	-	70	5.8
					WASHINGTON.....	26	11.3	25	9.2

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.



U.S. Department  
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