

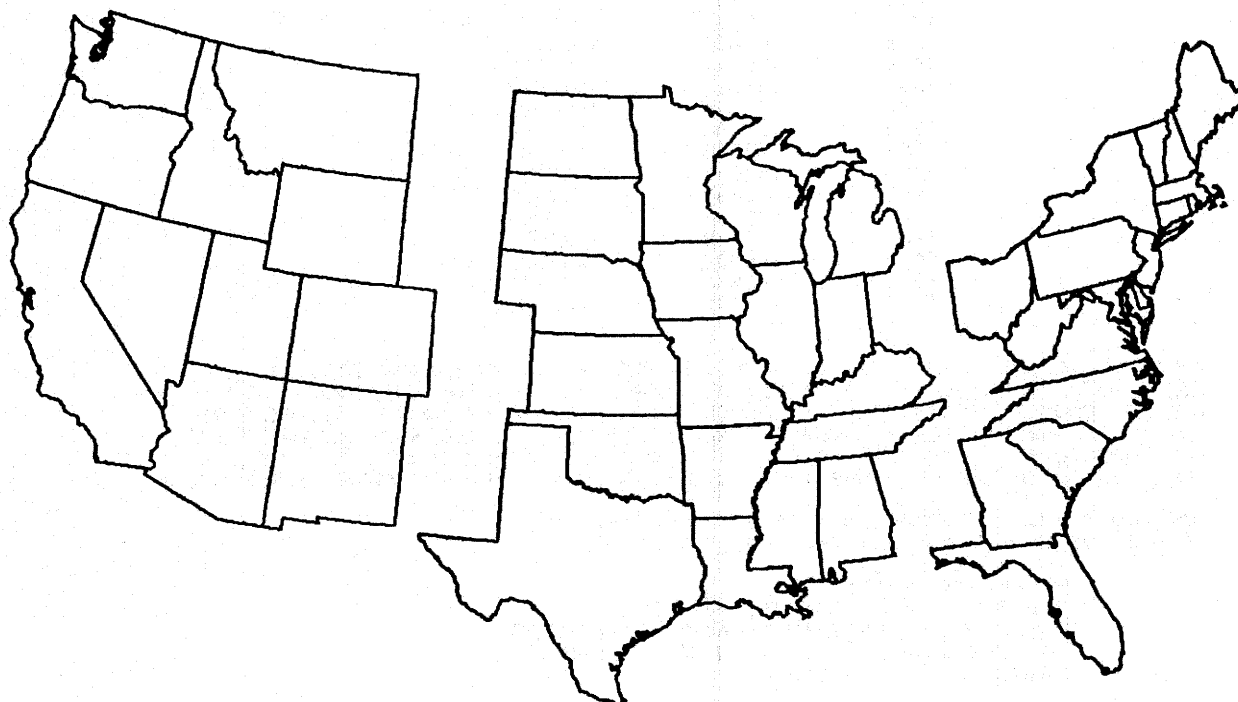


U.S. Department  
of Transportation  
Federal Highway  
Administration

# TRAFFIC VOLUME TRENDS

AUGUST 1990

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 2.0 PERCENT  
FOR AUGUST 1990 AS COMPARED TO AUGUST 1989.**



**WESTERN**

**CENTRAL**

**EASTERN**

**ESTIMATED VEHICLE-MILES OF TRAVEL BY REGION - AUGUST 1990**

**42.7 BILLION**

**82.6 BILLION**

**67.8 BILLION**

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

**+2.8**

**+2.0**

**+1.4**

**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 1988 TABLE VM-2 AS A BASE.**

**COMPILED WITH DATA ON HAND AS OF OCTOBER 15, 1990.**

TRAFFIC VOLUME TRENDS - AUGUST 1990

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING AUGUST 1990 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 2.0 PERCENT AS COMPARED TO AUGUST 1989, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 194191 MILLION VEHICLE-MILES. THIS TOTAL INCLUDES 82303 MILLION VEHICLE-MILES ON RURAL ROADS AND 111888 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	AUGUST	YEAR TO DATE
1970	106969	749162
1971	112642	790730
1972	119913	849618
1973	124426	881630
1974	124070	857786
1975	126103	888491
1976	131913	942496
1977	136337	977075
1978	149461	1035612
1979	139942	1023330
1980	138666	1012541
1981	143464	1036644
1982	153300	1063190
1983	157649	1101648
1984	164920	1149717
1985	169437	1187295
1986	173977	1225904
1987	177378	1282051
1988	184503	1351281
1989	190409	1392122
1990	194191	1432385

"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  
400 7TH STREET S.W., ROOM 3300 - HPM-30  
WASHINGTON, D.C. 20590

PHONE 202-366-5055

CHANGE OF ADDRESS INFORMATION SHOULD ALSO BE SENT TO THE ABOVE ADDRESS. SEND IN THE NEW ADDRESS INFORMATION USING THE BACK COVER OF THE MOST RECENT ISSUE YOU HAVE RECEIVED.



FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH

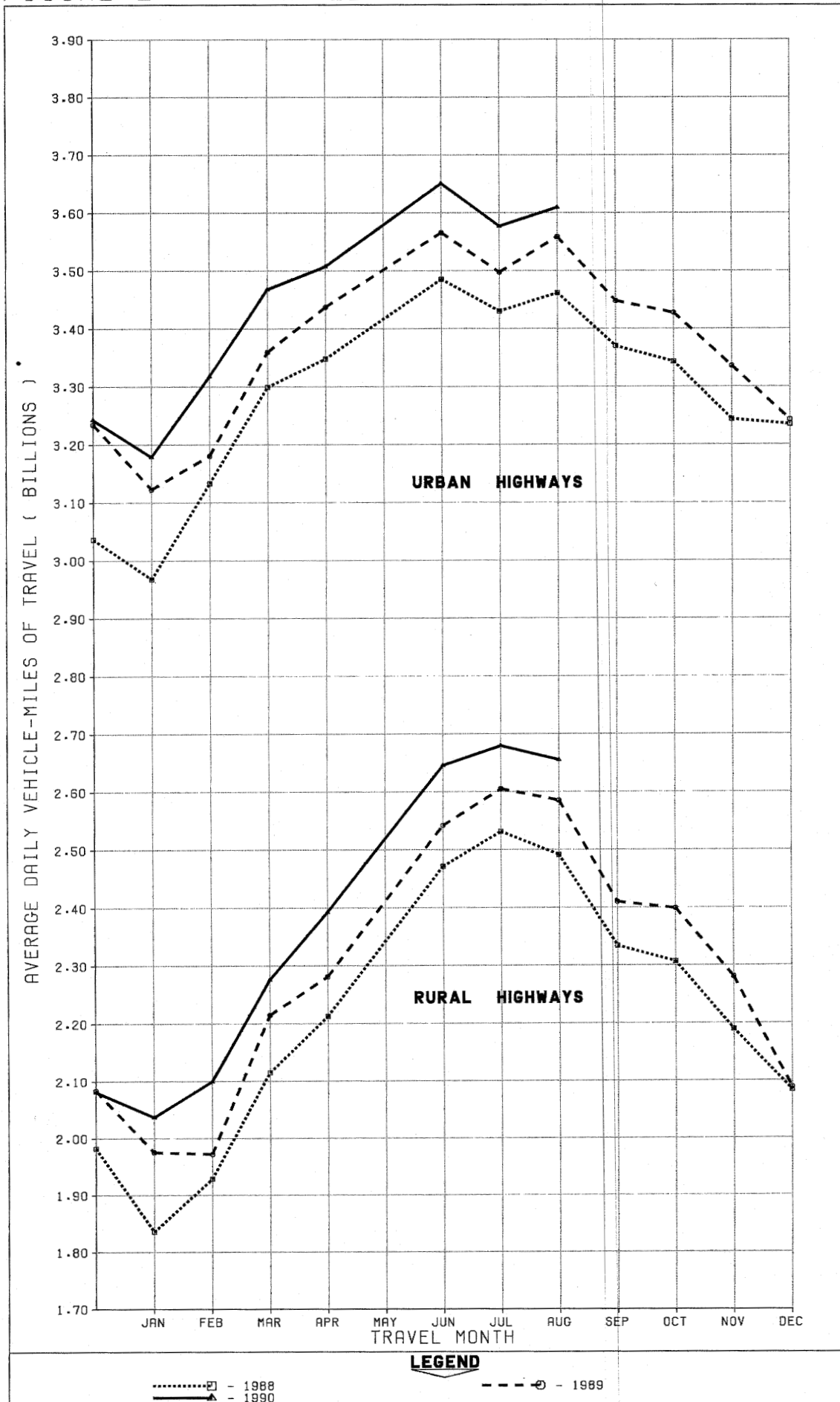


TABLE 1.

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

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1989 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	37.0	33.4	42.4	41.3	44.9	46.0	49.2	49.5	43.7	44.7	41.7	39.6
OTHER RURAL	24.2	21.8	26.3	27.1	30.3	30.3	31.6	30.7	28.6	29.7	26.7	24.9
URBAN	96.8	89.1	104.1	103.1	107.6	107.0	108.4	110.3	103.4	106.6	100.0	100.4
ALL SYSTEMS	158.0	144.3	172.8	171.5	182.7	183.2	189.1	190.4	175.7	181.0	168.4	165.0
1990 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	38.4	35.8	43.5	43.8	46.6	47.8	50.6	51.0				
OTHER RURAL	24.8	23.0	27.1	28.0	31.2	31.6	32.5	31.3				
URBAN	98.5	92.9	107.5	105.2	109.2	109.5	110.9	111.9				
ALL SYSTEMS	161.7	151.7	178.0	177.0	187.0	188.9	193.9	194.2				
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1990 VS. 1989												
RURAL ARTERIAL	3.6	7.1	2.6	6.0	3.8	3.9	2.9	3.1				
OTHER RURAL	2.4	5.5	2.9	3.2	3.0	4.3	2.7	2.1				
URBAN	1.8	4.3	3.2	2.1	1.5	2.4	2.3	1.5				
ALL SYSTEMS	2.3	5.1	3.0	3.2	2.3	3.1	2.5	2.0				

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
1989 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	37.0	70.5	112.8	154.2	199.1	245.1	294.3	343.7	387.4	432.1	473.8	513.4
OTHER RURAL	24.2	46.0	72.3	99.4	129.6	159.9	191.5	222.1	250.8	280.4	307.2	332.1
URBAN	96.8	185.9	290.0	393.1	500.6	607.6	716.0	826.2	929.6	1036.3	1136.3	1236.7
ALL SYSTEMS	158.0	302.3	475.1	646.6	829.3	1012.6	1201.7	1392.1	1567.8	1748.8	1917.2	2082.2
1990 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	38.4	74.2	117.7	161.5	208.1	255.9	306.5	357.5				
OTHER RURAL	24.8	47.8	74.8	102.8	133.9	165.5	198.0	229.3				
URBAN	98.5	191.4	298.9	404.1	513.3	622.8	733.7	845.6				
ALL SYSTEMS	161.7	313.4	491.4	668.4	855.4	1044.2	1238.2	1432.4				
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1990 VS. 1989												
RURAL ARTERIAL	3.6	5.3	4.3	4.7	4.5	4.4	4.2	4.0				
OTHER RURAL	2.4	3.8	3.5	3.4	3.3	3.5	3.4	3.2				
URBAN	1.8	3.0	3.1	2.8	2.5	2.5	2.5	2.3				
ALL SYSTEMS	2.3	3.7	3.4	3.4	3.1	3.1	3.0	2.9				

\* SYSTEM ENTRIES MAY NOT ADD TO GIVE "ALL SYSTEMS" TOTAL DUE TO ROUNDING.  
 \*\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1989 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.  
 \*\*\* TO BE REVISED BASED ON 1990 FINAL TRAVEL ESTIMATES.  
 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

	PRELIMINARY DATA FOR AUGUST			REVISED DATA FOR JULY		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1990	1989		1990	1989	
<b>CLASS OF ROAD, ALL STATES:</b>						
RURAL ARTERIAL ROADS.....	51,005	49,479	3.1	50,602	49,155	2.9
OTHER RURAL ROADS.....	31,298	30,656	2.1	32,480	31,597	2.7
ALL RURAL ROADS.....	82,303	80,136	2.7	83,082	80,752	2.9
CITY STREETS.....	111,888	110,314	1.4	110,884	108,420	2.3
ALL ROADS AND STREETS.....	194,191	190,449	2.0	193,946	189,172	2.5
<b>48 STATES (RURAL ARTERIAL):</b>						
EASTERN REGION.....	17,012	16,620	2.4	16,826	16,662	1.0
CENTRAL REGION.....	24,181	23,405	3.3	24,163	23,288	3.8
WESTERN REGION.....	9,588	9,238	3.8	9,375	8,982	4.4
<b>TOTAL.....</b>	<b>50,781</b>	<b>49,263</b>	<b>3.1</b>	<b>50,364</b>	<b>48,932</b>	<b>2.9</b>

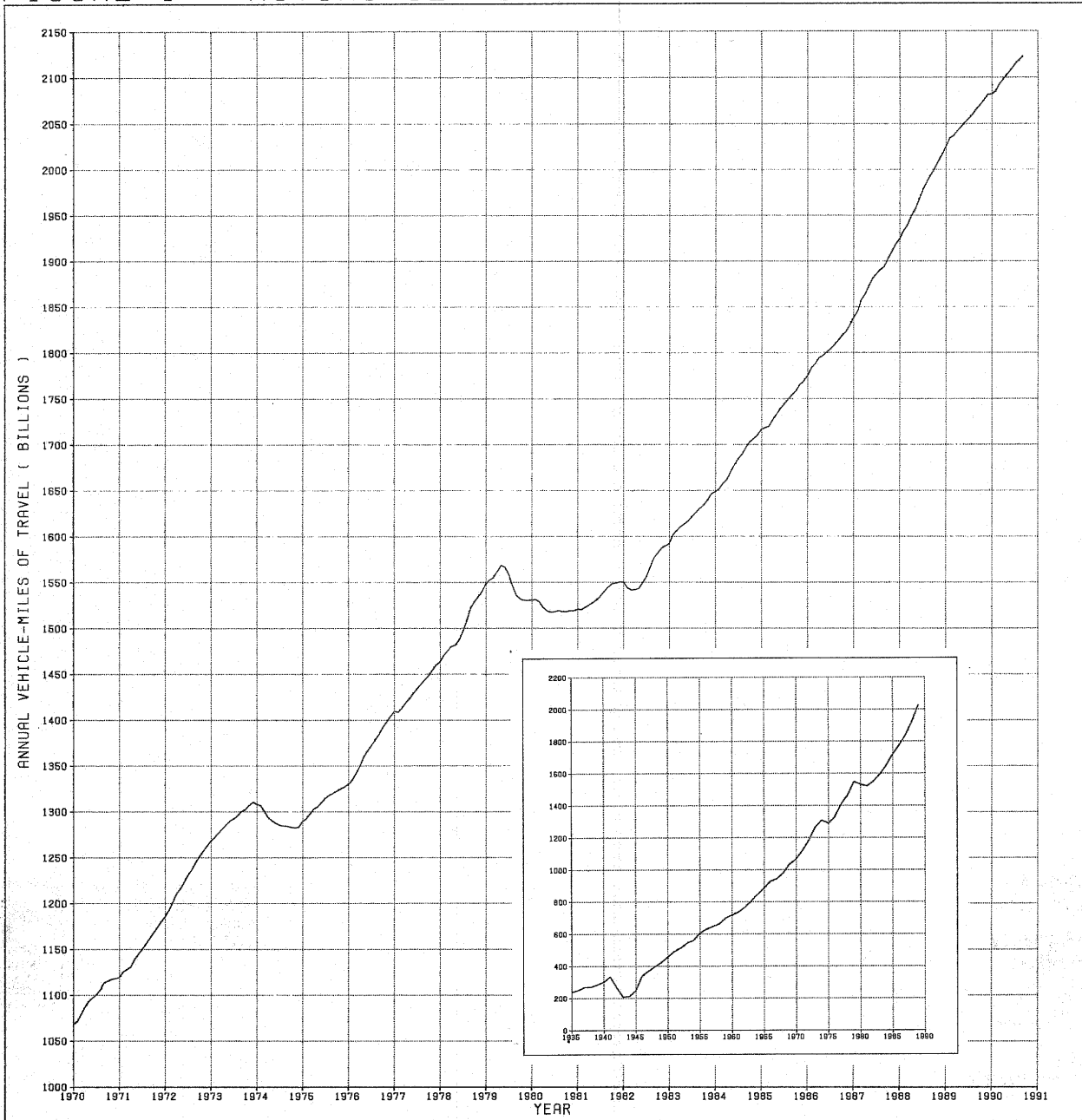
TABLE 4.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

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
<b>NEW ENGLAND:</b>					<b>EAST SOUTH CENTRAL:</b>				
CONNECTICUT.....	2	1.6	6	2.5	ALABAMA.....	40	5.3	41	5.4
MAINE.....	-	-	-	-	KENTUCKY.....	9	4.1	12	7.1
MASSACHUSETTS.....	7	- 1.2	6	- 1.1	MISSISSIPPI.....	8	3.7	7	4.2
NEW HAMPSHIRE.....	53	0.9	-	-	TENNESSEE.....	15	0.4	15	0.7
RHODE ISLAND.....	6	4.3	10	8.4	<b>WEST NORTH CENTRAL:</b>				
VERMONT.....	-	-	-	-	IOWA.....	62	2.8	62	3.6
<b>MIDDLE ATLANTIC:</b>					KANSAS.....	57	3.4	59	3.8
NEW JERSEY.....	14	1.4	13	2.5	MINNESOTA.....	-	-	27	4.3
NEW YORK.....	-	-	12	- 1.1	MISSOURI.....	41	3.2	41	3.8
PENNSYLVANIA.....	34	2.3	35	2.7	NEBRASKA.....	24	6.0	19	4.3
<b>SOUTH ATLANTIC (NORTH):</b>					NORTH DAKOTA.....	28	- 0.2	27	- 0.5
DELAWARE.....	-	-	-	-	SOUTH DAKOTA.....	23	6.9	23	- 2.6
MARYLAND.....	-	-	29	2.2	<b>WEST SOUTH CENTRAL:</b>				
VIRGINIA.....	-	-	-	-	ARKANSAS.....	17	- 0.2	16	0.7
WEST VIRGINIA.....	8	- 4.1	10	- 2.1	LOUISIANA.....	-	-	-	-
<b>SOUTH ATLANTIC (SOUTH):</b>					OKLAHOMA.....	27	3.3	27	4.1
FLORIDA.....	-	-	42	1.4	TEXAS.....	81	4.6	82	4.6
GEORGIA.....	-	-	-	-	<b>MOUNTAIN:</b>				
NORTH CAROLINA.....	17	5.2	2	- 1.9	ARIZONA.....	-	-	-	-
SOUTH CAROLINA.....	17	4.4	18	3.4	COLORADO.....	-	-	31	3.2
<b>EAST NORTH CENTRAL:</b>					IDAHO.....	-	-	47	6.4
ILLINOIS.....	-	-	-	-	MONTANA.....	33	3.0	34	3.9
INDIANA.....	23	3.0	25	4.8	NEVADA.....	18	4.6	18	3.2
MICHIGAN.....	47	3.7	46	4.5	NEW MEXICO.....	-	2.0	-	0.8
OHIO.....	15	0.3	15	3.1	UTAH.....	46	8.1	46	7.5
WISCONSIN.....	47	5.2	41	3.8	WYOMING.....	36	6.9	36	5.0
<b>ALASKA.....</b>	<b>15</b>	<b>6.4</b>	<b>17</b>	<b>6.5</b>	<b>PACIFIC:</b>				
<b>HAWAII.....</b>	<b>2</b>	<b>0.8</b>	<b>2</b>	<b>6.5</b>	CALIFORNIA.....	-	3.0	-	4.7
					OREGON.....	7	2.9	7	5.0
					WASHINGTON.....	37	4.1	30	4.7

NOTE: 1-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.

2-WHERE THE NUMBER OF STATIONS AND THE PERCENTAGE CHANGE ARE SHOWN AS DASHES, INSUFFICIENT INFORMATION WAS AVAILABLE TO DETERMINE AN ESTIMATE.

FIGURE 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS



U.S. Department  
of Transportation

**Federal Highway  
Administration**

400 Seventh St., S.W.  
Washington, D.C. 20590

Official Business  
Penalty for Private Use \$300

Postage and Fees Paid  
Federal Highway  
Administration  
DOT 512

