



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

# TRAFFIC VOLUME TRENDS

## AUGUST 1989

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 3.0 PERCENT  
FOR AUGUST 1989 AS COMPARED TO AUGUST 1988.**



**WESTERN**

**CENTRAL**

**EASTERN**

**ESTIMATED VEHICLE-MILES OF TRAVEL BY REGION - AUGUST 1989.**

**40.9 BILLION**

**79.3 BILLION**

**66.8 BILLION**

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

**+4.7**

**+2.8**

**+2.4**

**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 1987 TABLE VM-2 AS A BASE.**

**COMPILED WITH DATA ON HAND AS OF OCTOBER 12, 1989.**

TRAFFIC VOLUME TRENDS - AUGUST 1989

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING AUGUST 1989 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 3.0 PERCENT AS COMPARED TO AUGUST 1988, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 188053 MILLION VEHICLE-MILES. THIS TOTAL INCLUDES 80422 MILLION VEHICLE-MILES ON RURAL ROADS AND 107631 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	182506	1326631
1989	188053	1368015

"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:

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FIGURE 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS

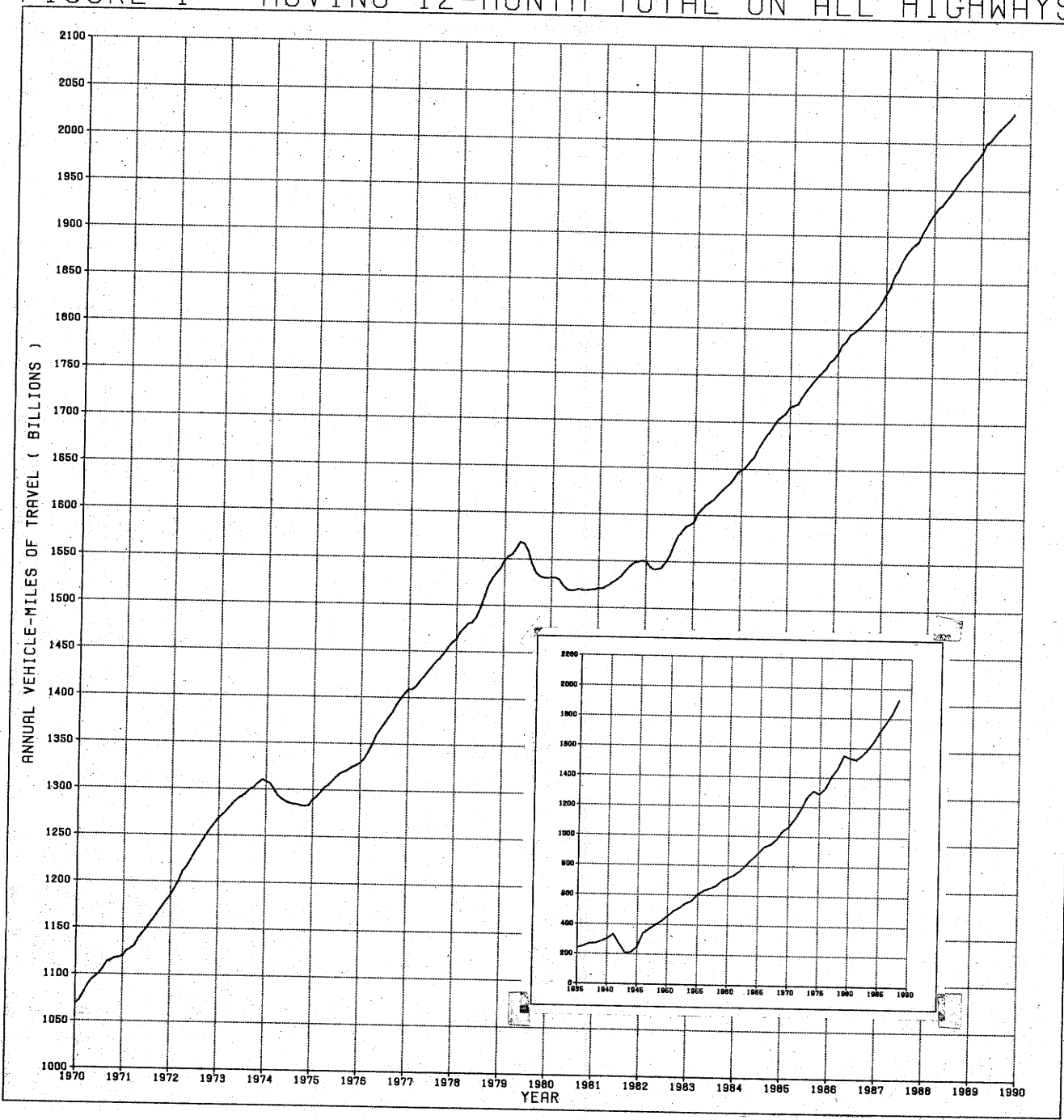
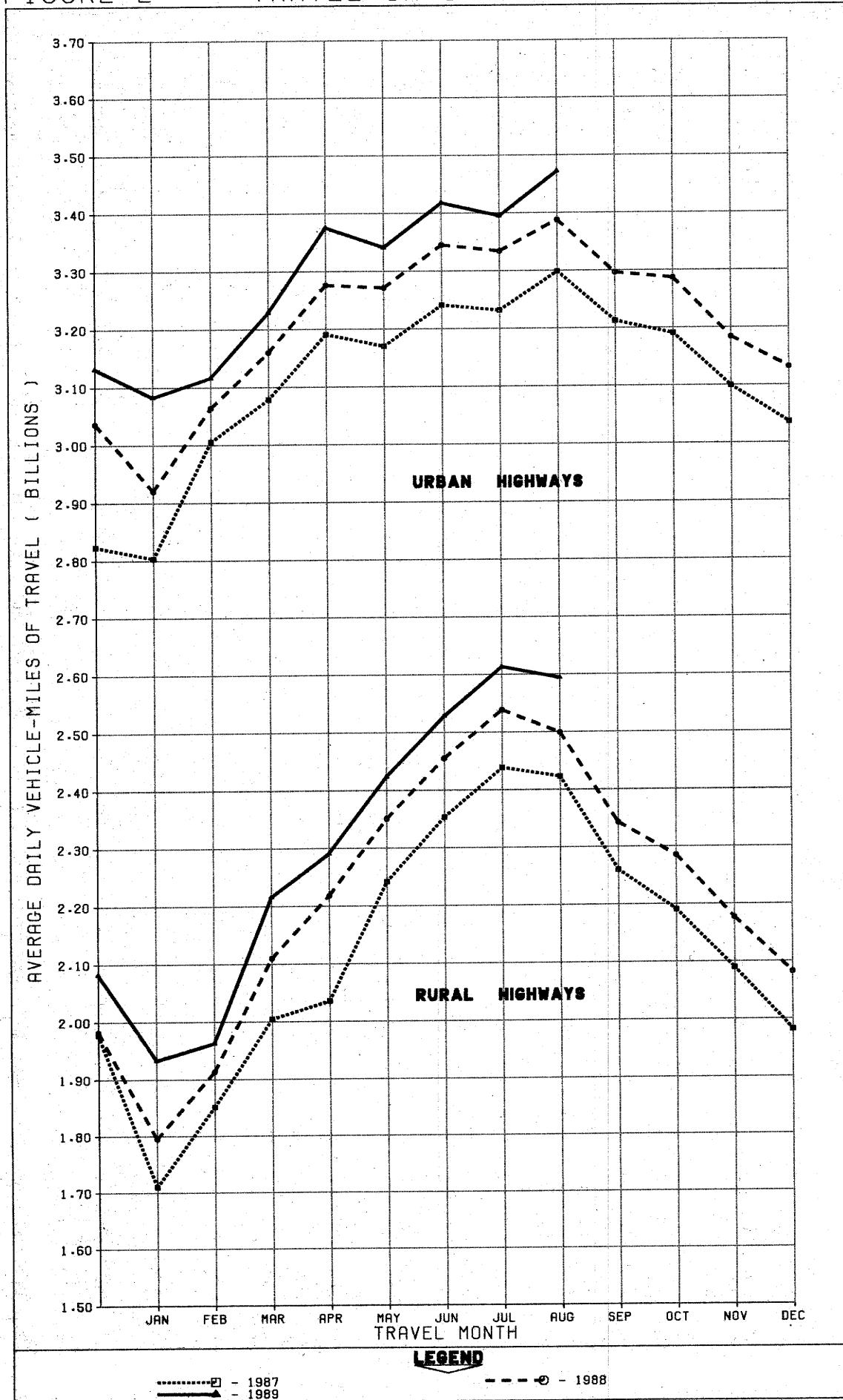


FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH



.....□ - 1987  
 ———▲ - 1989

-----○ - 1988

**LEGEND**

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
1988 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	33.7	32.3	39.7	40.6	43.9	44.7	48.6	47.8	42.9	43.5	40.1	39.7
OTHER RURAL	21.9	21.3	25.7	26.0	29.0	29.0	30.1	29.7	27.4	27.4	25.2	24.9
URBAN	90.5	85.8	98.0	98.3	101.4	100.4	103.4	105.0	98.9	101.9	95.5	97.1
ALL SYSTEMS	146.2	139.4	163.4	164.8	174.3	174.0	182.1	182.5	169.2	172.7	160.8	161.6
1989 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	36.5	33.3	42.2	42.0	45.6	46.3	50.2	50.0				
OTHER RURAL	23.4	21.7	26.5	26.7	29.6	29.6	30.9	30.4				
URBAN	95.7	87.3	100.1	101.3	103.6	102.5	105.2	107.6				
ALL SYSTEMS	155.6	142.2	168.8	170.0	178.7	178.4	186.3	188.1				
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1989 VS. 1988												
RURAL ARTERIAL	8.2	3.0	6.1	3.6	3.8	3.6	3.3	4.6				
OTHER RURAL	6.9	2.0	3.4	2.9	2.1	2.0	2.3	2.4				
URBAN	5.7	1.7	2.2	3.0	2.1	2.2	1.8	2.5				
ALL SYSTEMS	6.4	2.0	3.3	3.1	2.5	2.5	2.3	3.0				

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
1988 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	33.7	66.0	105.8	146.3	190.2	234.9	283.5	331.3	374.2	417.6	457.8	497.4
OTHER RURAL	21.9	43.2	68.9	94.8	123.8	152.8	182.9	212.6	240.0	267.4	292.6	317.5
URBAN	90.5	176.3	274.3	372.6	474.0	574.4	677.7	782.7	881.6	983.5	1079.1	1176.2
ALL SYSTEMS	146.2	285.6	448.9	613.8	788.0	962.1	1144.1	1326.6	1495.8	1668.5	1829.4	1991.0
1989 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	36.5	69.8	111.9	153.9	199.5	245.8	296.0	346.0				
OTHER RURAL	23.4	45.1	71.7	98.4	127.9	157.5	188.4	218.8				
URBAN	95.7	182.9	283.0	384.3	487.9	590.4	695.6	803.3				
ALL SYSTEMS	155.6	297.8	466.6	636.6	815.3	993.7	1180.0	1368.0				
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1989 VS. 1988												
RURAL ARTERIAL	8.2	5.7	5.8	5.2	4.9	4.6	4.4	4.4				
OTHER RURAL	6.9	4.5	4.1	3.7	3.3	3.1	3.0	2.9				
URBAN	5.7	3.7	3.2	3.1	2.9	2.8	2.6	2.6				
ALL SYSTEMS	6.4	4.3	3.9	3.7	3.5	3.3	3.1	3.1				

\* 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 1988 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.  
 \*\*\* TO BE REVISED BASED ON 1989 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

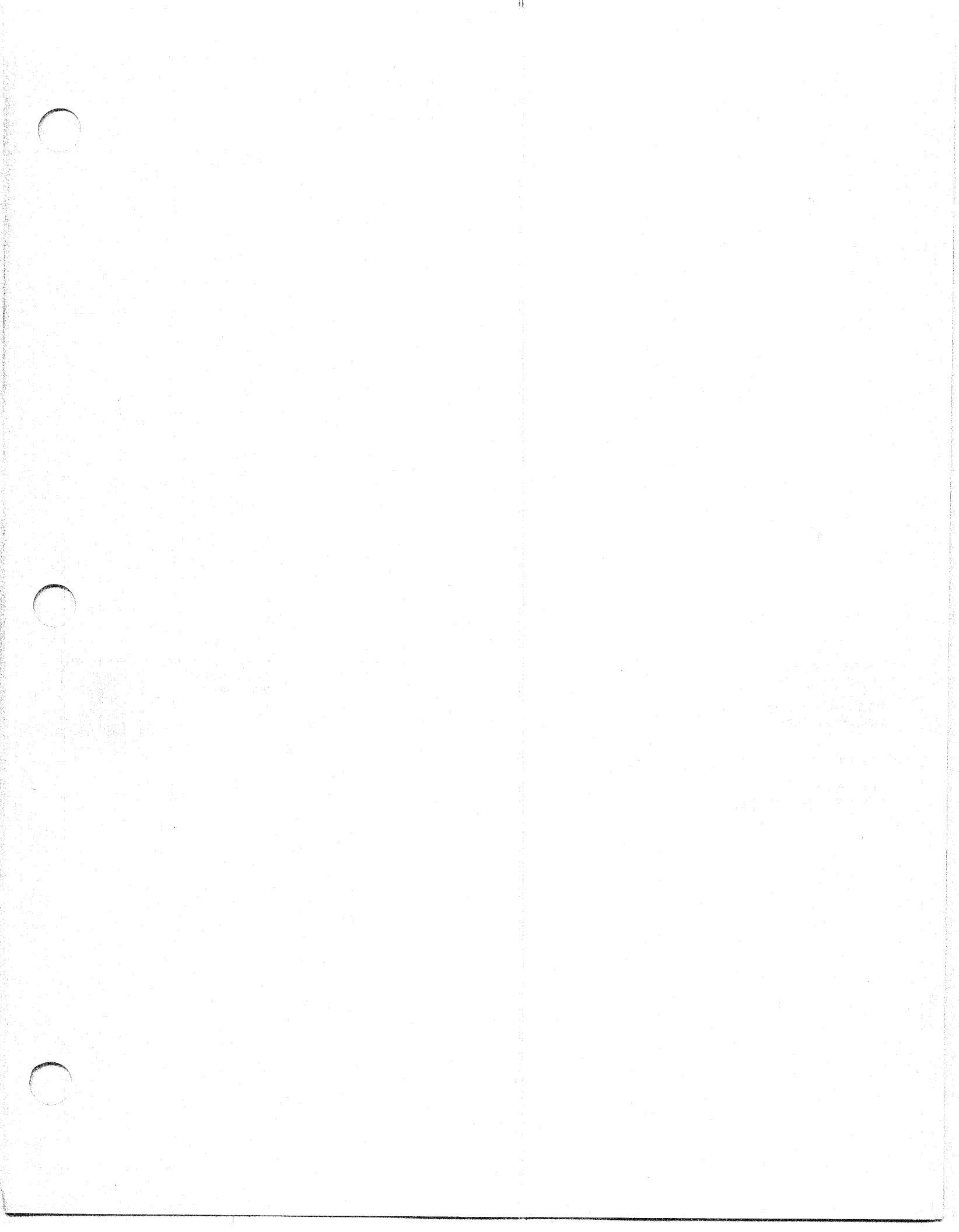
	PRELIMINARY DATA FOR AUGUST			REVISED DATA FOR JULY		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1989	1988		1989	1988	
CLASS OF ROAD, ALL STATES:						
RURAL ARTERIAL ROADS.....	50,024	47,805	4.6	50,168	48,553	3.3
OTHER RURAL ROADS.....	30,398	29,673	2.4	30,850	30,144	2.3
ALL RURAL ROADS.....	80,422	77,478	3.8	81,018	78,697	2.9
CITY STREETS.....	107,631	105,028	2.5	105,245	103,366	1.8
ALL ROADS AND STREETS.....	188,053	182,506	3.0	186,263	182,063	2.3
48 STATES (RURAL ARTERIAL ):						
EASTERN REGION.....	16,720	16,097	3.9	16,837	16,359	2.9
CENTRAL REGION.....	23,618	22,463	5.1	23,805	22,999	3.5
WESTERN REGION.....	9,454	9,018	4.8	9,248	8,922	3.7
TOTAL.....	49,792	47,578	4.7	49,890	48,280	3.3

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.....	-	-	-	-	ALABAMA.....	46	4.4	46	2.1
MAINE.....	-	-	-	-	KENTUCKY.....	-	-	-	-
MASSACHUSETTS.....	9	0.1	9	2.3	MISSISSIPPI.....	11	6.9	8	3.5
NEW HAMPSHIRE.....	53	- 1.8	47	- 0.8	TENNESSEE.....	12	8.9	13	10.1
RHODE ISLAND.....	9	1.8	7	- 7.4	WEST NORTH CENTRAL:				
VERMONT.....	-	-	-	-	IOWA.....	52	4.6	52	2.8
MIDDLE ATLANTIC:					KANSAS.....	58	3.1	-	-
NEW JERSEY.....	12	3.1	11	3.0	MINNESOTA.....	35	6.1	32	4.7
NEW YORK.....	-	-	14	2.6	MISSOURI.....	41	5.1	38	3.1
PENNSYLVANIA.....	-	-	34	2.6	NEBRASKA.....	25	4.5	24	2.0
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	28	4.2	28	4.2
DELAWARE.....	-	-	20	1.2	SOUTH DAKOTA.....	24	3.4	24	1.6
MARYLAND.....	-	-	-	-	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	-	-	-	ARKANSAS.....	14	4.0	14	4.4
WEST VIRGINIA.....	9	2.8	8	2.3	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	28	3.9	28	1.0
FLORIDA.....	-	-	35	5.6	TEXAS.....	-	-	81	1.8
GEORGIA.....	-	-	-	-	MOUNTAIN:				
NORTH CAROLINA.....	19	6.5	18	2.3	ARIZONA.....	-	-	-	-
SOUTH CAROLINA.....	6	6.8	7	4.0	COLORADO.....	31	2.1	32	0.3
EAST NORTH CENTRAL:					IDAHO.....	46	5.2	54	3.3
ILLINOIS.....	-	-	-	-	MONTANA.....	-	-	-	-
INDIANA.....	25	7.1	25	3.8	NEVADA.....	15	3.5	15	3.5
MICHIGAN.....	51	3.5	45	1.5	NEW MEXICO.....	-	3.0	-	4.3
OHIO.....	17	5.0	14	3.1	UTAH.....	-	-	-	-
WISCONSIN.....	47	5.7	47	4.7	WYOMING.....	38	7.5	37	1.5
ALASKA.....	22	- 0.8	20	0.0	PACIFIC:				
HAWAII.....	2	7.0	1	6.0	CALIFORNIA.....	-	5.6	-	4.6
					OREGON.....	-	-	-	-
					WASHINGTON.....	41	6.7	35	5.1

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.



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