



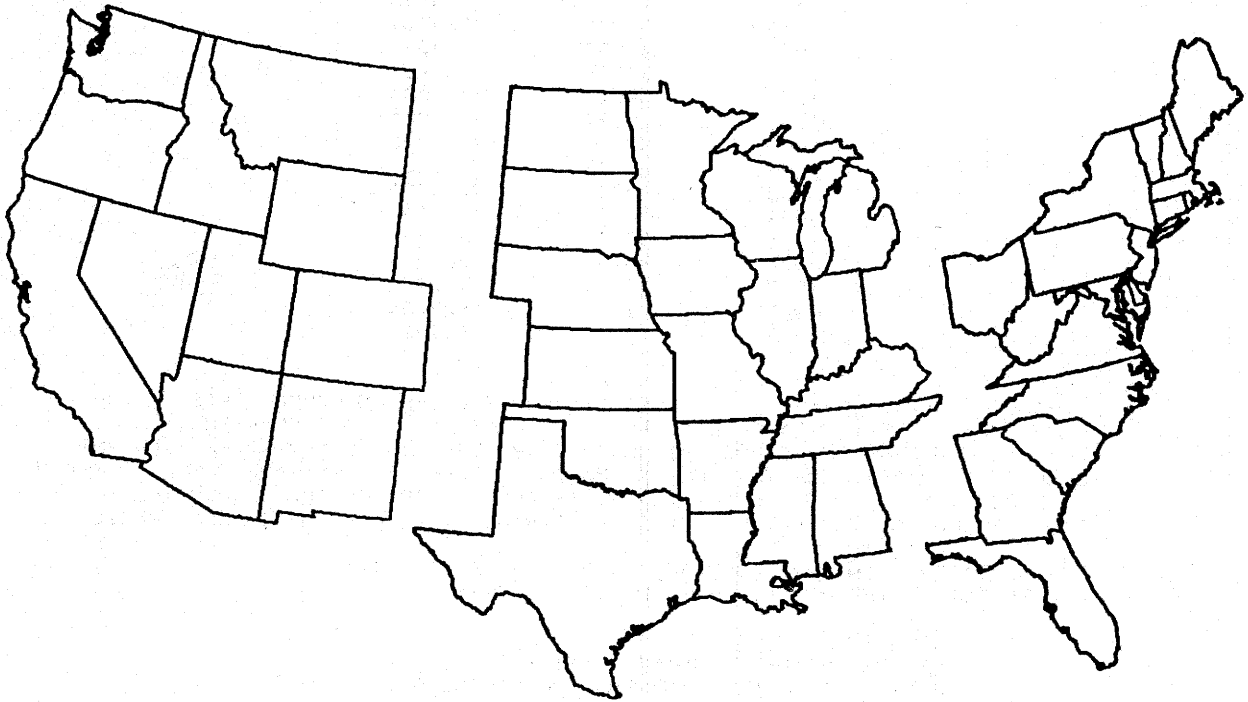
U.S. Department  
of Transportation  
**Federal Highway  
Administration**

*HPA-1*

# TRAFFIC VOLUME TRENDS

## SEPTEMBER 1989

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 2.4 PERCENT  
FOR SEPTEMBER 1989 AS COMPARED TO SEPTEMBER 1988.**



**WESTERN**

**CENTRAL**

**EASTERN**

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

**38.1 BILLION**

**74.7 BILLION**

**61.4 BILLION**

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

**+4.3**

**+2.4**

**+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 NOVEMBER 14, 1989.**

TRAFFIC VOLUME TRENDS - SEPTEMBER 1989

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING SEPTEMBER 1989 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 2.4 PERCENT AS COMPARED TO SEPTEMBER 1988, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 175244 MILLION VEHICLE-MILES. THIS TOTAL INCLUDES 72335 MILLION VEHICLE-MILES ON RURAL ROADS AND 102910 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	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	150424	1337719
1986	155462	1381366
1987	164184	1446235
1988	171115	1522598
1989	175244	1567225

"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 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS

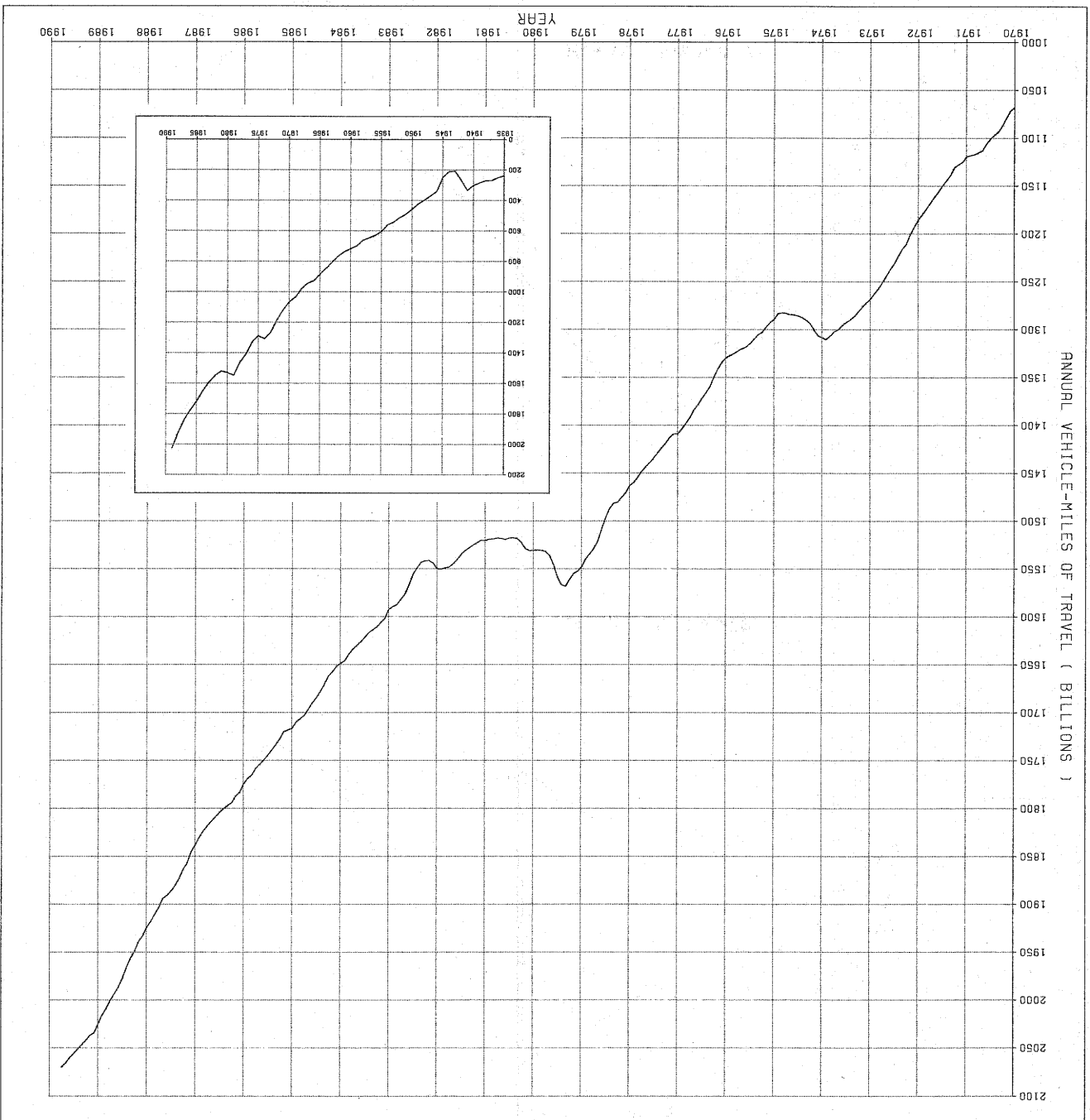


FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH

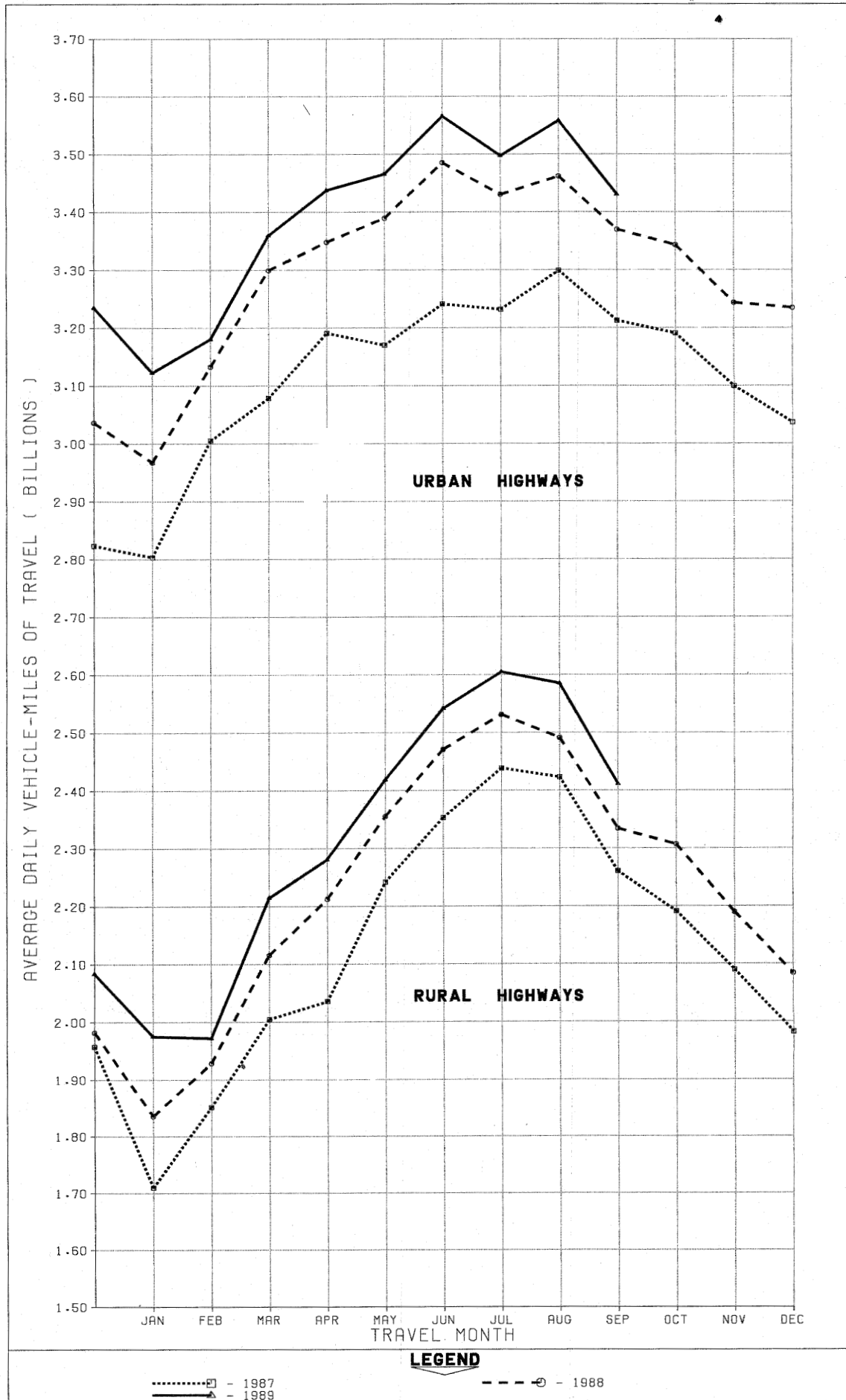


TABLE 1.

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

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1988 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	34.2	32.6	40.1	40.0	43.3	44.4	47.6	47.2	42.1	42.7	39.8	39.3
OTHER RURAL	22.7	21.4	25.5	26.4	29.7	29.7	30.9	30.0	28.0	28.8	25.9	25.3
URBAN	92.0	87.7	102.3	100.4	105.1	104.6	106.3	107.3	101.1	103.6	97.3	100.3
ALL SYSTEMS	148.9	141.7	167.9	166.8	178.1	178.7	184.8	184.5	171.1	175.1	163.0	164.9
1989 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	37.0	33.4	42.4	41.3	44.8	46.0	49.2	49.5	43.7			
OTHER RURAL	24.2	21.8	26.3	27.1	30.2	30.3	31.6	30.7	28.7			
URBAN	96.8	89.1	104.2	103.1	107.4	107.0	108.4	110.3	102.9			
ALL SYSTEMS	158.0	144.3	172.8	171.6	182.4	183.2	189.2	190.4	175.2			
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1989 VS. 1988												
RURAL ARTERIAL	8.2	2.6	5.8	3.4	3.5	3.6	3.3	4.8	3.9			
OTHER RURAL	6.7	1.7	3.0	2.7	1.5	1.8	2.3	2.2	2.5			
URBAN	5.2	1.5	1.8	2.7	2.3	2.3	2.0	2.8	1.8			
ALL SYSTEMS	6.1	1.8	2.9	2.8	2.4	2.5	2.4	3.2	2.4			

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	34.2	66.8	106.9	146.9	190.2	234.6	282.2	329.4	371.5	414.2	454.0	493.3
OTHER RURAL	22.7	44.1	69.6	96.0	125.7	155.4	186.3	216.3	244.3	273.1	299.0	324.2
URBAN	92.0	179.7	282.0	382.5	487.5	592.1	698.4	805.7	906.8	1010.4	1107.7	1208.0
ALL SYSTEMS	148.9	290.6	458.5	625.3	803.4	982.1	1166.9	1351.5	1522.6	1697.7	1860.7	2025.6
1989 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	37.0	70.5	112.8	154.2	199.0	245.0	294.2	343.6	387.3			
OTHER RURAL	24.2	46.0	72.3	99.4	129.5	159.8	191.4	222.1	250.7			
URBAN	96.8	185.9	290.0	393.1	500.6	607.6	716.0	826.3	929.2			
ALL SYSTEMS	158.0	302.3	475.1	646.7	829.1	1012.4	1201.5	1392.0	1567.2			
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1989 VS. 1988												
RURAL ARTERIAL	8.2	5.5	5.6	5.0	4.6	4.4	4.2	4.3	4.3			
OTHER RURAL	6.7	4.3	3.8	3.5	3.0	2.8	2.7	2.6	2.6			
URBAN	5.2	3.4	2.8	2.8	2.7	2.6	2.5	2.6	2.5			
ALL SYSTEMS	6.1	4.0	3.6	3.4	3.2	3.1	3.0	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 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 SEPTEMBER			REVISED DATA FOR AUGUST		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1989	1988		1989	1988	
CLASS OF ROAD, ALL STATES:						
RURAL ARTERIAL ROADS.....	43,676	42,052	3.9	49,479	47,221	4.8
OTHER RURAL ROADS.....	28,659	27,966	2.5	30,656	30,007	2.2
ALL RURAL ROADS.....	72,335	70,018	3.3	80,136	77,228	3.8
CITY STREETS.....	102,910	101,097	1.8	110,314	107,315	2.8
ALL ROADS AND STREETS.....	175,244	171,115	2.4	190,449	184,543	3.2
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	14,600	14,146	3.2	16,620	15,916	4.4
CENTRAL REGION.....	20,803	20,020	3.9	23,405	22,284	5.0
WESTERN REGION.....	8,076	7,691	5.0	9,238	8,811	4.9
TOTAL.....	43,479	41,857	3.9	49,263	47,011	4.8

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.....	-	-	-	-	ALABAMA.....	46	4.3	46	4.4
MAINE.....	-	-	-	-	KENTUCKY.....	-	-	20	3.5
MASSACHUSETTS.....	10	1.8	11	1.1	MISSISSIPPI.....	11	5.6	11	6.9
NEW HAMPSHIRE.....	56	0.1	53	- 1.8	TENNESSEE.....	7	4.7	12	8.9
RHODE ISLAND.....	10	3.7	9	1.8	WEST NORTH CENTRAL:				
VERMONT.....	-	-	28	2.8	IOWA.....	56	4.2	52	4.6
MIDDLE ATLANTIC:					KANSAS.....	63	3.5	58	3.1
NEW JERSEY.....	10	1.9	12	3.1	MINNESOTA.....	35	3.9	35	6.1
NEW YORK.....	-	-	13	3.1	MISSOURI.....	44	3.0	41	5.1
PENNSYLVANIA.....	34	3.3	34	4.5	NEBRASKA.....	24	4.0	25	4.5
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	29	3.3	28	4.2
DELAWARE.....	-	-	21	2.0	SOUTH DAKOTA.....	25	1.5	24	3.4
MARYLAND.....	-	-	29	2.3	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	-	-	-	ARKANSAS.....	16	4.0	14	4.0
WEST VIRGINIA.....	6	1.8	9	2.8	LOUISIANA.....	-	-	28	3.9
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	29	1.5	-	-
FLORIDA.....	38	5.7	25	8.0	TEXAS.....	82	3.2	-	-
GEORGIA.....	-	-	-	-	MOUNTAIN:				
NORTH CAROLINA.....	18	5.3	19	6.5	ARIZONA.....	-	-	-	-
SOUTH CAROLINA.....	9	2.2	6	6.8	COLORADO.....	32	4.0	31	2.1
EAST NORTH CENTRAL:					IDAHO.....	27	7.7	46	5.2
ILLINOIS.....	-	-	-	-	MONTANA.....	-	-	-	-
INDIANA.....	25	5.3	25	7.1	NEVADA.....	15	3.9	15	3.5
MICHIGAN.....	49	2.8	51	3.5	NEW MEXICO.....	-	2.6	-	3.0
OHIO.....	16	3.2	17	5.0	UTAH.....	-	-	-	-
WISCONSIN.....	47	5.4	47	5.7	WYOMING.....	37	6.6	38	7.5
ALASKA.....	15	- 0.4	22	- 0.8	PACIFIC:				
HAWAII.....	-	-	2	7.0	CALIFORNIA.....	-	5.0	-	5.6
					OREGON.....	-	-	41	6.7
					WASHINGTON.....	-	-	-	-

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.

# 1988 REVISED TRAVEL ESTIMATES

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	34.2	32.6	40.1	40.0	43.3	44.4	47.6	47.2	42.1	42.7	39.8	39.3
OTHER RURAL	22.7	21.4	25.5	26.4	29.7	29.7	30.9	30.0	28.0	28.8	25.9	25.3
URBAN	92.0	87.7	102.3	100.4	105.1	104.6	106.3	107.3	101.1	103.6	97.3	100.3
ALL SYSTEMS	148.9	141.7	167.9	166.8	178.1	178.7	184.8	184.5	171.1	175.1	163.0	164.9
1988 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	34.2	66.8	106.9	146.9	190.2	234.6	282.2	329.4	371.5	414.2	454.0	493.3
OTHER RURAL	22.7	44.1	69.6	96.0	125.7	155.4	186.3	216.3	244.3	273.1	299.0	324.2
URBAN	92.0	179.7	282.0	382.5	487.5	592.1	698.4	805.7	906.8	1010.4	1107.7	1208.0
ALL SYSTEMS	148.9	290.6	458.5	625.3	803.4	982.1	1166.9	1351.5	1522.6	1697.7	1860.7	2025.6

**THESE ESTIMATES HAVE BEEN REVISED TO AGREE WITH FINAL ESTIMATES OF 1988.**

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

