



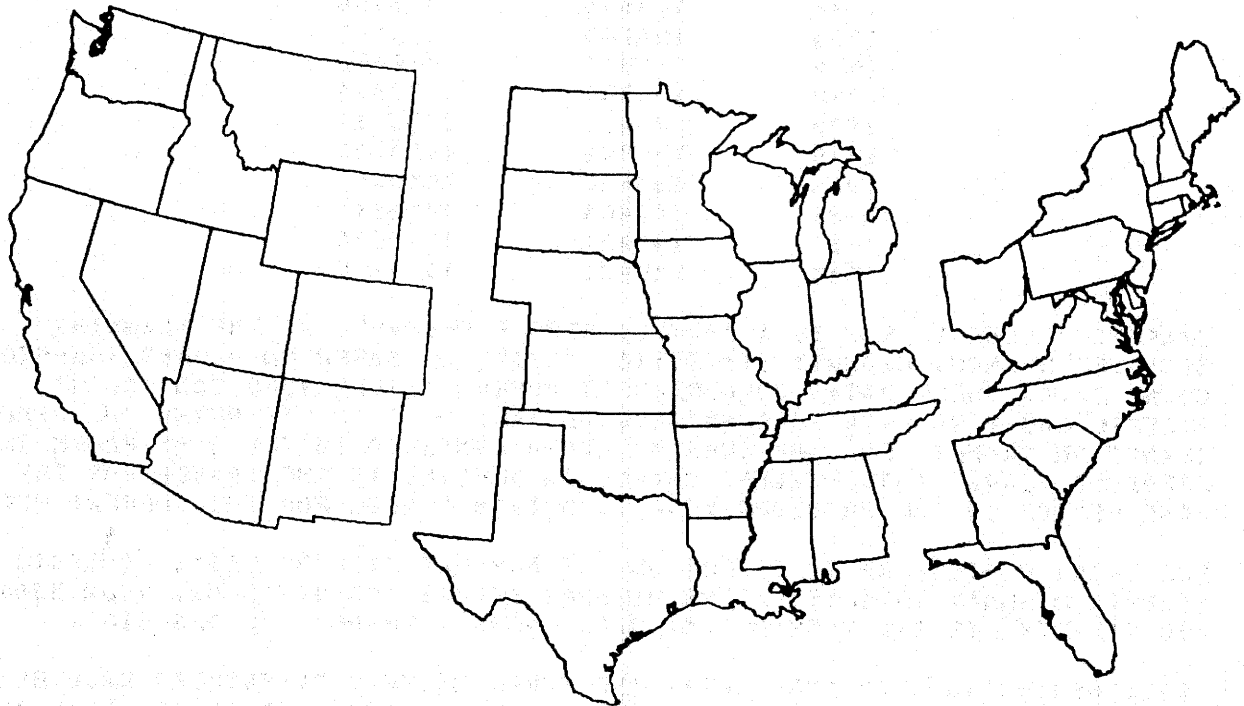
U.S. Department  
of Transportation  
**Federal Highway  
Administration**

HIGHWAY STATISTICS DIVISION

# TRAFFIC VOLUME TRENDS

## AUGUST 1983

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 3.4 PERCENT  
FOR AUGUST 1983 AS COMPARED TO AUGUST 1982.**



**WESTERN**

**CENTRAL**

**EASTERN**

**ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - AUGUST 1983.**

**30.8 BILLION**

**65.9 BILLION**

**52.9 BILLION**

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

**+5.4**

**+3.0**

**+2.7**

**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 1961 VMT-2 AS A BASE.

COMPILED WITH DATA ON HAND AS OF OCTOBER 14, 1983.

TRAFFIC VOLUME TRENDS - AUGUST 1983

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING AUGUST 1983 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 3.4 PERCENT AS COMPARED TO AUGUST 1982, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 150421 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 68816 MILLION VEHICLE MILES ON RURAL ROADS AND 81604 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	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	145484	1045240
1983	150421	1084150

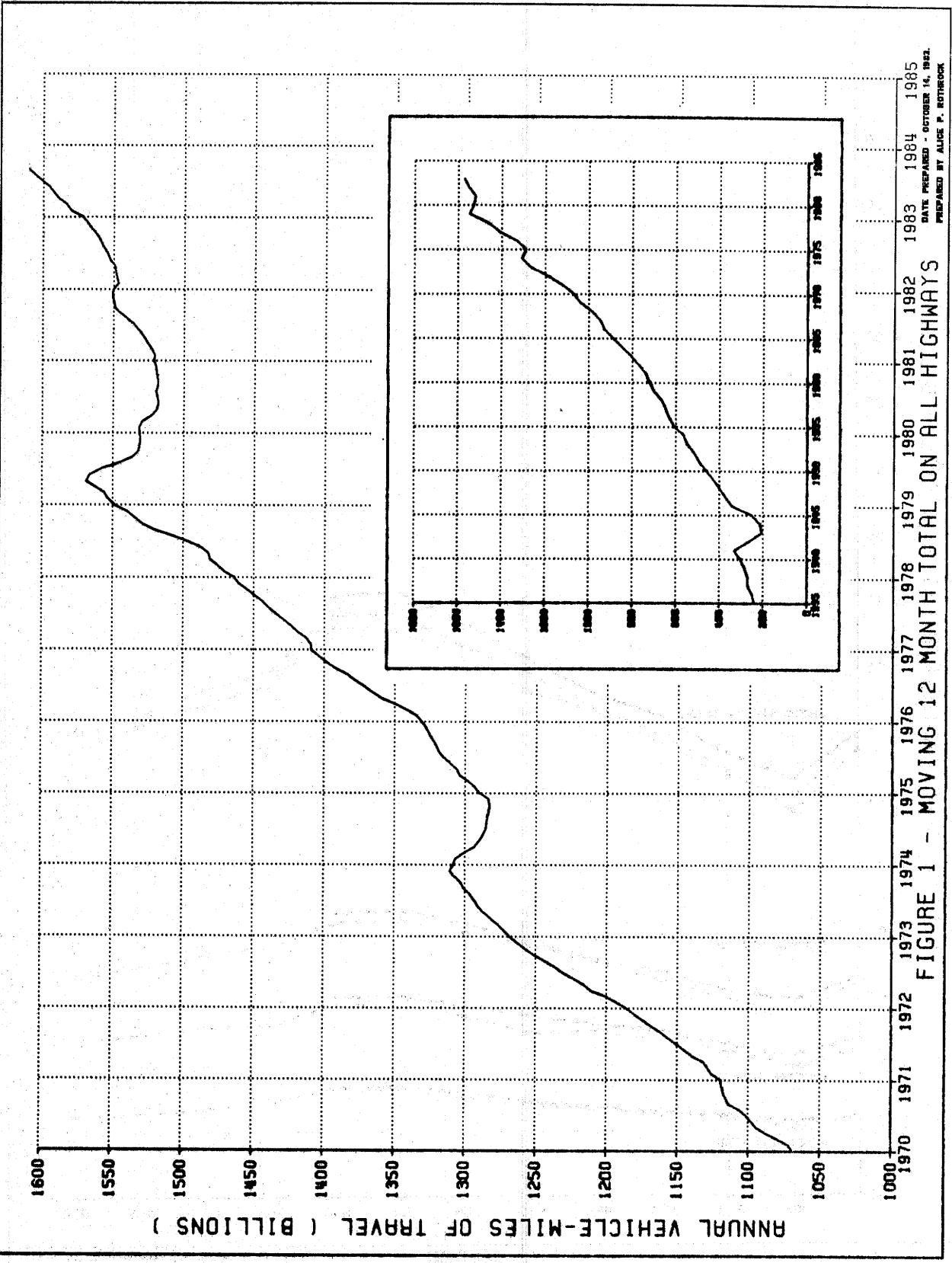
TRAFFIC VOLUME TRENDS IS A MONTHLY REPORT PREPARED BY THE PLANNING SERVICES BRANCH, HIGHWAY STATISTICS DIVISION, BASED ON HOURLY TRAFFIC COUNT DATA. THESE DATA, COLLECTED AT APPROXIMATELY 4000 CONTINUOUS TRAFFIC COUNTING LOCATIONS NATIONWIDE, ARE USED TO DETERMINE THE PERCENT CHANGE IN TRAFFIC FOR THE 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 HIGHWAY STATISTICS DIVISION, ROOM 3300 400 7TH STREETS SW. WASHINGTON, D.C. 20590. PHONE 202 426-0160.

NOTE: BEGINNING WITH 1980 DATA, THE RURAL HIGHWAY CATEGORIES HAVE BEEN CHANGED FROM MAIN RURAL ROADS AND LOCAL RURAL ROADS TO RURAL ARTERIAL ROADS AND OTHER RURAL ROADS. ALTHOUGH THE RURAL COMPONENTS OF THE REVISED DATA SERIES BEGINNING IN 1980 ARE NOT DIRECTLY COMPARABLE WITH THE SERIES PRIOR TO 1980, THE TOTAL RURAL, TOTAL URBAN AND ALL SYSTEM CATEGORIES ARE CONSISTENT.

THE CHANGE HAS BEEN MADE TO PROVIDE CONSISTENCY WITH OTHER FHWA DATA SERIES AND TO ALLOW A MORE REPRESENTATIVE INDICATOR OF INTER-CITY TRAVEL PATTERNS. THE FOLLOWING TABLE SHOWS THE APPROXIMATE RELATIONSHIPS BETWEEN THE FORMER AND REVISED SYSTEM CATEGORIES:

	REVISED CATEGORIES			FORMER CATEGORIES		
	RURAL ARTERIAL	OTHER RURAL ROADS	TOTAL RURAL	MAIN RURAL	LOCAL RURAL	TOTAL RURAL
PERCENT OF TOTAL RURAL MILEAGE	8.2	91.8	100.0	19.0	81.0	100.0
PERCENT OF TOTAL RURAL TRAVEL	59.5	40.5	100.0	78.5	21.5	100.0



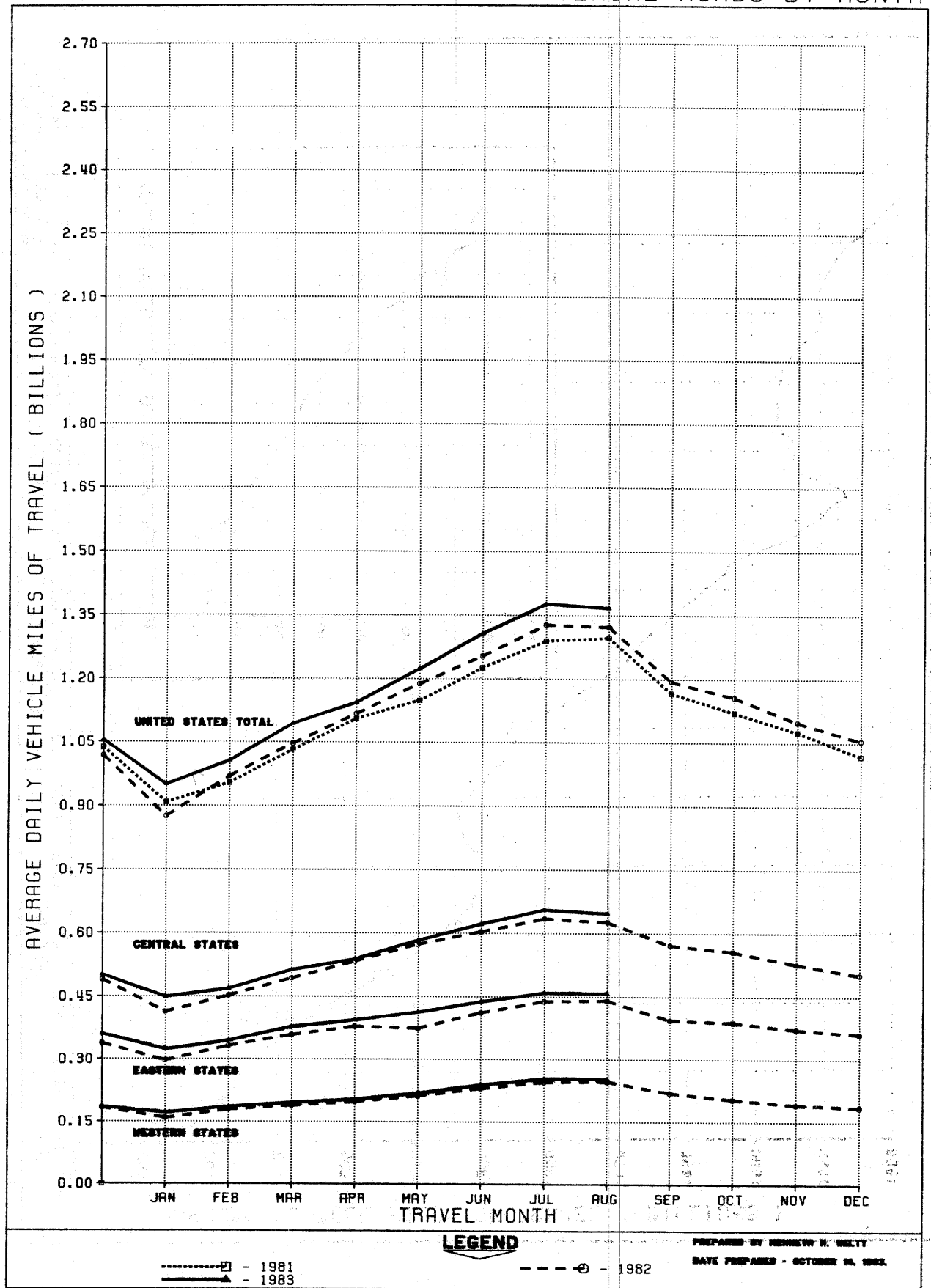
DATE PREPARED - OCTOBER 14, 1982  
 PREPARED BY ALICE P. ROTHSCHOK

FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS

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

ANNUAL VEHICLE-MILES OF TRAVEL ( BILLIONS )

FIGURE 2-A - TRAVEL ON RURAL ARTERIAL ROADS BY MONTH



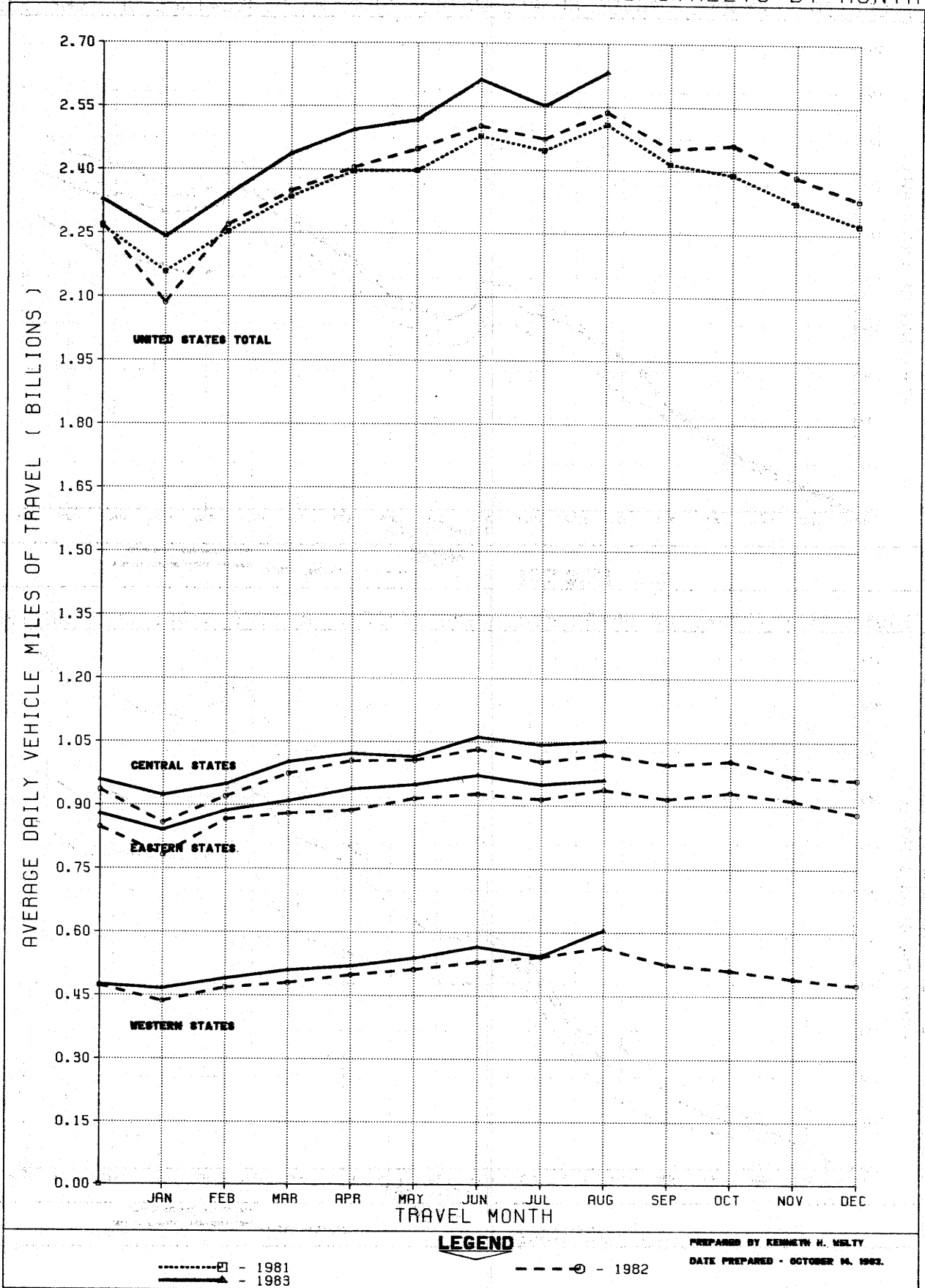
LEGEND

-----□----- 1981  
 ————▲———— 1982

-----○----- 1983

PREPARED BY ROBERT H. WELTY  
 DATE PREPARED - OCTOBER 10, 1983.

FIGURE 2-B - TRAVEL ON URBAN ROADS AND STREETS BY MONTH



PREPARED BY KENNETH H. WELTY  
DATE PREPARED - OCTOBER 14, 1983.

FIGURE 3A - ANNUAL TRAVEL ON ALL RURAL ROADS AS PERCENTAGE OF YEAR 1965

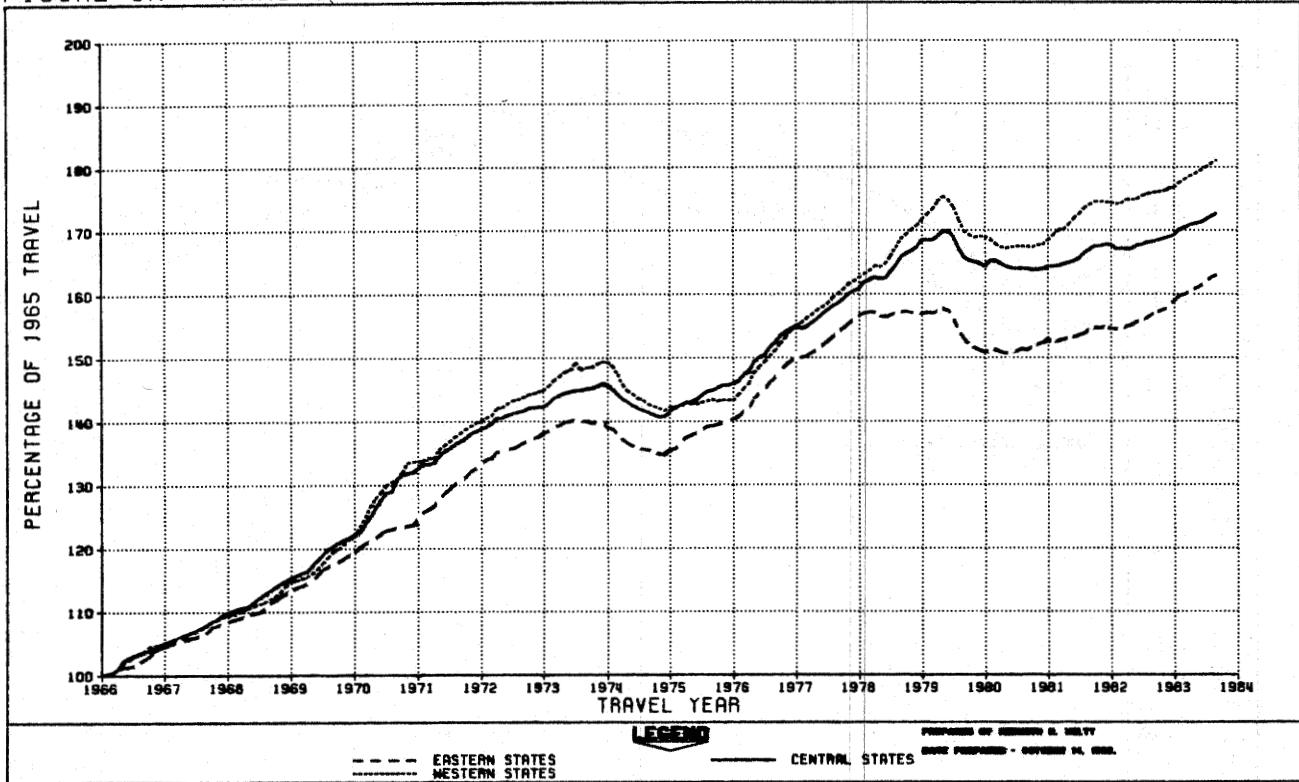


FIGURE 3B - TRAVEL ON URBAN ROADS AND STREETS AS PERCENTAGE OF YEAR 1965

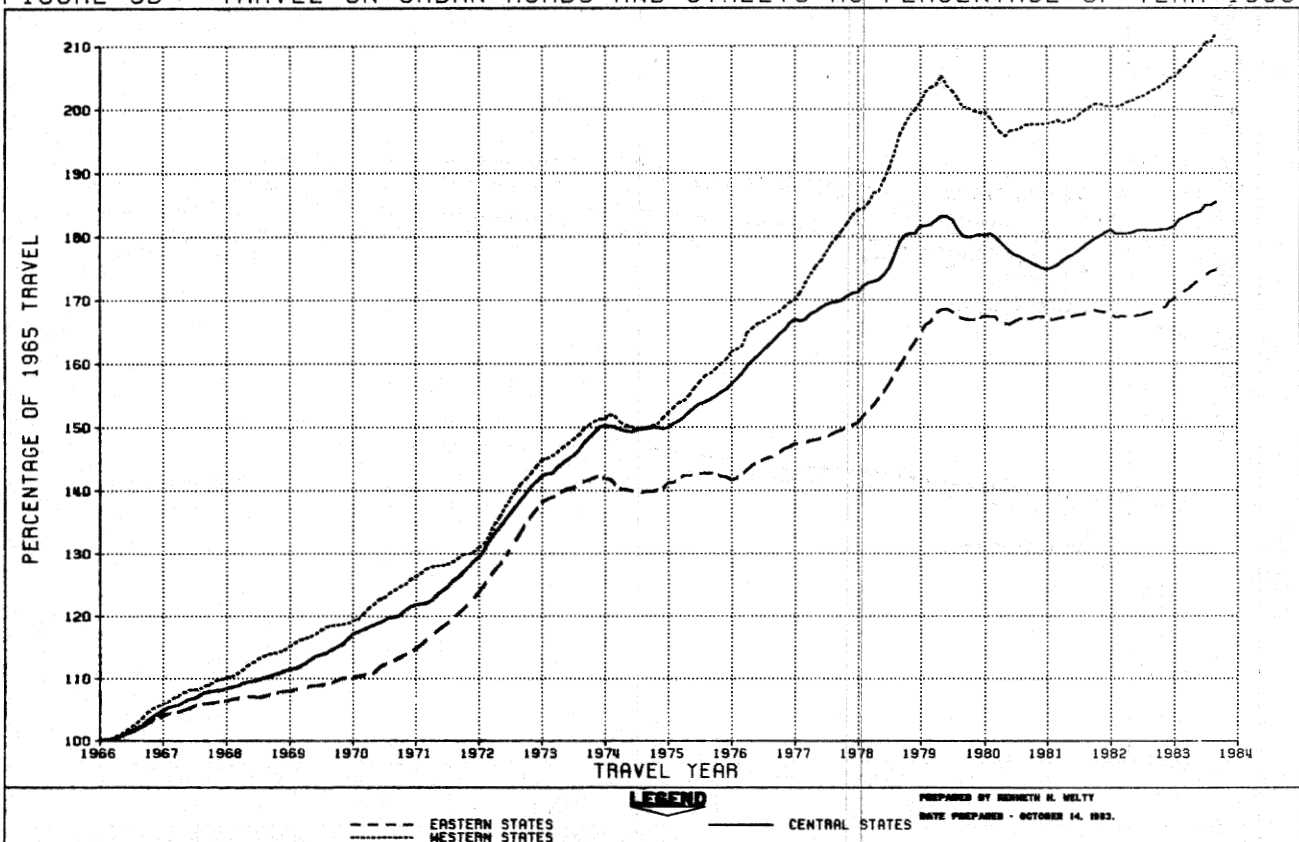


TABLE 1.-SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR AUGUST			REVISED DATA FOR JULY		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1983	1982		1983	1982	
RURAL ARTERIAL ROADS.....	42,409	41,008	3.4	42,693	41,155	3.7
OTHER RURAL ROADS.....	26,408	25,823	2.3	26,582	25,882	2.7
ALL RURAL ROADS.....	68,816	66,831	3.0	69,275	67,042	3.3
CITY STREETS.....	81,540	78,583	3.8	79,872	76,703	4.1
ALL ROADS AND STREETS.....	150,356	145,414	3.4	149,147	143,744	3.8
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	14,221	13,690	3.9	14,241	13,629	4.5
CENTRAL REGION.....	20,676	19,437	3.3	20,323	19,661	3.3
WESTERN REGION.....	7,669	7,651	2.8	7,893	7,614	3.5
TOTAL.....	42,166	40,778	3.4	42,447	40,924	3.7

TABLE 2.-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.....	37	6.2	37	7.4
MAINE.....	22	4.4	-	-	KENTUCKY.....	20	1.4	16	2.4
MASSACHUSETTS.....	7	4.0	-	-	MISSISSIPPI.....	40	3.4	37	3.0
NEW HAMPSHIRE.....	-	-	52	6.6	TENNESSEE.....	-	-	27	1.4
RHODE ISLAND.....	7	-17.2	4	-16.6	WEST NORTH CENTRAL:				
VERMONT.....	30	2.6	35	5.1	IOWA.....	-	-	-	-
MIDDLE ATLANTIC:					KANSAS.....	65	1.6	63	2.4
NEW JERSEY.....	-	-	-	-	MINNESOTA.....	24	6.8	24	6.6
NEW YORK.....	20	4.3	-	-	MISSOURI.....	69	4.3	72	4.1
PENNSYLVANIA.....	44	0.9	44	1.3	NEBRASKA.....	22	2.8	21	0.5
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	-	-	26	3.7
DELAWARE.....	-	-	13	5.8	SOUTH DAKOTA.....	26	6.1	26	7.6
MARYLAND.....	-	-	8	4.1	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	4.2	-	4.1	ARKANSAS.....	-	-	-	-
WEST VIRGINIA.....	12	3.5	22	1.0	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	37	- 3.2	30	- 3.1
FLORIDA.....	49	9.6	55	9.8	TEXAS.....	114	3.2	115	3.3
GEORGIA.....	29	4.1	-	-	MOUNTAINS:				
NORTH CAROLINA.....	46	4.8	47	5.9	ARIZONA.....	21	0.1	21	- 0.2
SOUTH CAROLINA.....	15	2.2	12	6.0	COLORADO.....	42	1.2	43	0.8
EAST NORTH CENTRAL:					IDAHO.....	-	-	60	3.3
ILLINOIS.....	-	-	35	3.0	MONTANA.....	31	3.2	31	3.2
INDIANA.....	24	3.4	22	1.0	NEVADA.....	22	2.6	28	1.5
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	36	3.0	38	1.9
OHIO.....	13	3.8	12	6.6	UTAH.....	22	2.3	23	4.0
WISCONSIN.....	38	3.7	34	3.5	WYOMING.....	34	- 2.4	34	- 2.1
PACIFIC:					CALIFORNIA.....	14	2.5	13	6.4
ALASKA.....	-	-	-	-	OREGON.....	13	3.3	13	3.8
HAWAII.....	3	5.7	3	5.5	WASHINGTON.....	7	8.3	30	3.6

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.

FEDERAL HIGHWAY ADMINISTRATION  
HIGHWAY STATISTICS DIVISION  
400 - 7TH STREET, S.W.  
WASHINGTON, D.C. 20590

TABLE 3.

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

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1982 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	27.1	27.2	32.5	33.5	36.8	37.6	41.2	41.0	35.8	35.9	33.0	32.7
OTHER RURAL	20.4	20.1	23.5	23.5	25.0	24.5	25.9	25.8	23.9	25.0	23.2	23.0
URBAN	64.7	63.6	72.8	72.2	75.9	75.1	76.7	78.7	73.5	76.3	71.6	72.2
ALL SYSTEMS	112.2	110.8	128.8	129.2	137.8	137.3	143.7	145.5	133.3	137.2	127.7	127.9
1983 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	29.5	28.2	33.9	34.3	37.9	39.2	42.7	42.4				
OTHER RURAL	21.4	20.5	24.1	23.8	25.4	25.2	26.6	26.4				
URBAN	69.5	65.5	75.6	74.8	78.1	78.4	79.1	81.6				
ALL SYSTEMS	120.4	114.3	133.6	132.9	141.4	142.8	148.4	150.4				
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1983 VS. 1982												
RURAL ARTERIAL	8.6	3.8	4.5	2.4	3.0	4.3	3.7	3.4				
OTHER RURAL	5.1	2.3	2.7	1.1	1.7	2.6	2.7	2.3				
URBAN	7.4	3.1	3.7	3.7	2.8	4.4	3.2	3.8				
ALL SYSTEMS	7.2	3.1	3.7	2.9	2.6	4.0	3.2	3.4				

\* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1982 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

\*\* TO BE REVISED BASED ON 1982 FINAL TRAVEL ESTIMATES.

\*\*\* SYSTEM ENTRIES MAY NOT ADD TO TOTAL "ALL SYSTEMS" DUE TO ROUNDING.

FOR FURTHER INFORMATION CONTACT KENNETH WELTY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION. 202-426-0160.



FEDERAL HIGHWAY ADMINISTRATION  
HIGHWAY STATISTICS DIVISION  
400 - 7TH STREET, S.W.  
WASHINGTON, D.C. 20590

TABLE 4.

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

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1982 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	27.1	54.3	86.8	120.3	157.1	194.7	235.9	276.9	312.7	348.6	381.6	414.2
OTHER RURAL	20.4	40.5	63.9	87.4	112.5	137.0	162.9	188.7	212.6	237.7	260.9	283.9
URBAN	64.7	128.2	201.1	273.2	349.2	424.3	501.0	579.6	653.2	729.5	801.0	873.2
ALL SYSTEMS	112.2	223.0	351.8	480.9	618.7	756.0	899.8	1045.2	1178.5	1315.7	1443.5	1571.4
1983 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	29.5	57.7	91.6	125.9	163.8	203.0	245.7	288.1				
OTHER RURAL	21.4	42.0	66.1	89.8	115.3	140.4	167.0	193.4				
URBAN	69.5	135.0	210.5	285.4	363.4	441.9	521.0	602.6				
ALL SYSTEMS	120.4	234.6	368.2	501.1	642.5	785.3	933.7	1084.2				
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1983 VS. 1982												
RURAL ARTERIAL	8.6	6.2	5.5	4.7	4.3	4.3	4.2	4.1				
OTHER RURAL	5.1	3.7	3.3	2.7	2.5	2.5	2.5	2.5				
URBAN	7.4	5.3	4.7	4.5	4.1	4.1	4.0	4.0				
ALL SYSTEMS	7.2	5.2	4.7	4.2	3.8	3.9	3.8	3.7				

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FOR FURTHER INFORMATION CONTACT KENNETH WELLY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION, 202-426-0160.

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