



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

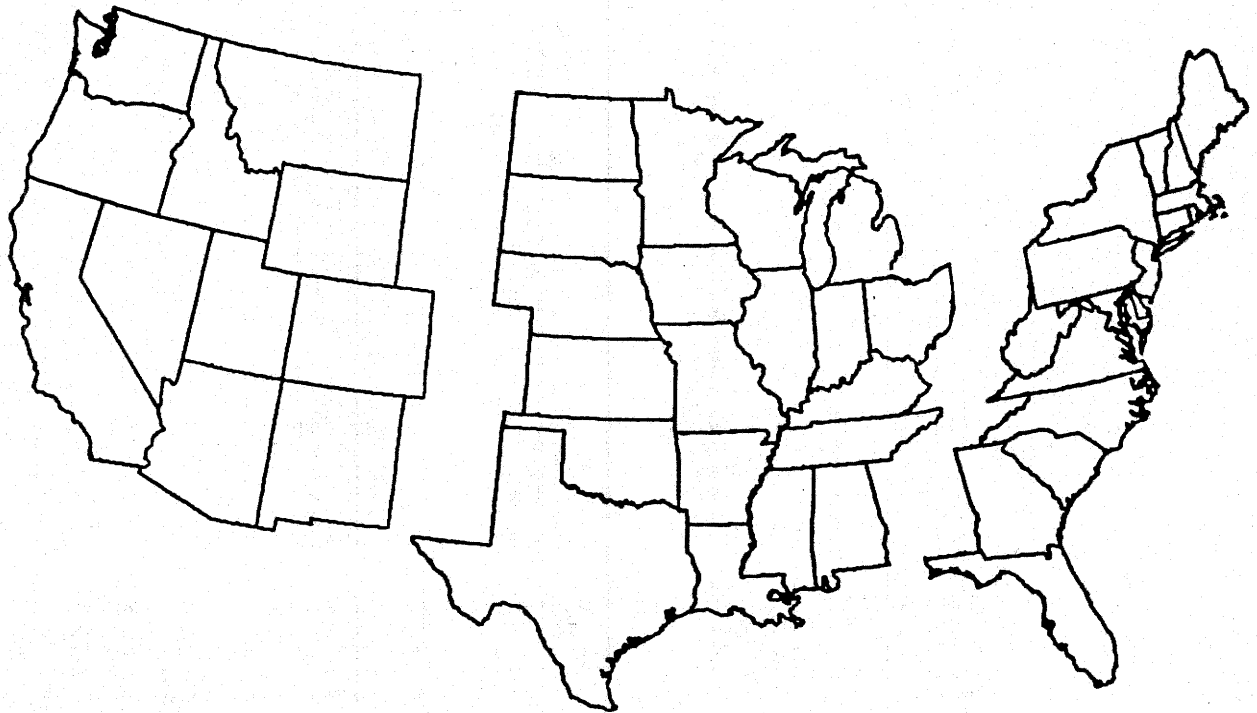
# TRAFFIC VOLUME TRENDS

**OCTOBER 1993**

251544  
HPM-30

D 8341 001

**TRAVEL ON ALL ROADS AND STREETS WAS UP BY 2.6 PERCENT.  
FOR OCTOBER 1993 AS COMPARED TO OCTOBER 1992.**



**WESTERN**

**CENTRAL**

**EASTERN**

**ESTIMATED VEHICLE-MILES OF TRAVEL BY REGION - OCTOBER 1993.**

**41.3 BILLION**

**86.7 BILLION**

**70.8 BILLION**

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

**+1.7**

**+3.6**

**+2.0**

**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 1992 TABLE VM-2 AS A BASE.**

**COMPILED WITH DATA ON HAND AS DECEMBER 18, 1993.**

TRAFFIC VOLUME TRENDS - OCTOBER 1993

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING OCTOBER 1993 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 2.6 PERCENT AS COMPARED TO OCTOBER 1992, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 199859 MILLION VEHICLE-MILES. THIS TOTAL INCLUDES 78705 MILLION VEHICLE-MILES ON RURAL ROADS AND 121154 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	OCTOBER	YEAR TO DATE
1970	96317	940733
1971	102525	994545
1972	108841	1066531
1973	113089	1105051
1974	112572	1079483
1975	115250	1115140
1976	121210	1183137
1977	127388	1228666
1978	132930	1299927
1979	131619	1282525
1980	132615	1272638
1981	133216	1301045
1982	138780	1338281
1983	144044	1385630
1984	147610	1443401
1985	154587	1492306
1986	159434	1540800
1987	166836	1613071
1988	175478	1697831
1989	182583	1769775
1990	182634	1807315
1991	188445	1829739
1992	194787	1881858
1993	199859	1923416

"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

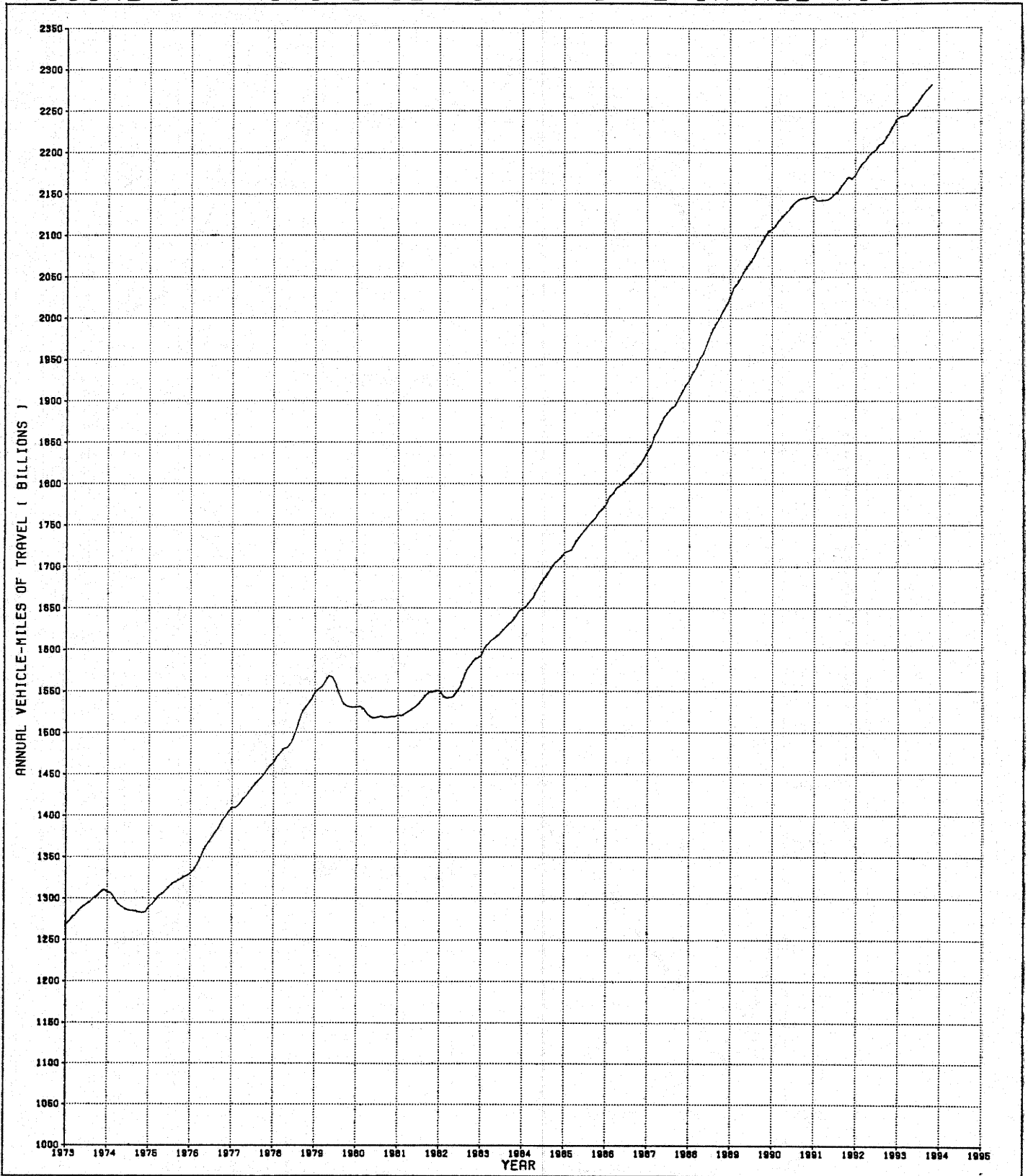


FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH

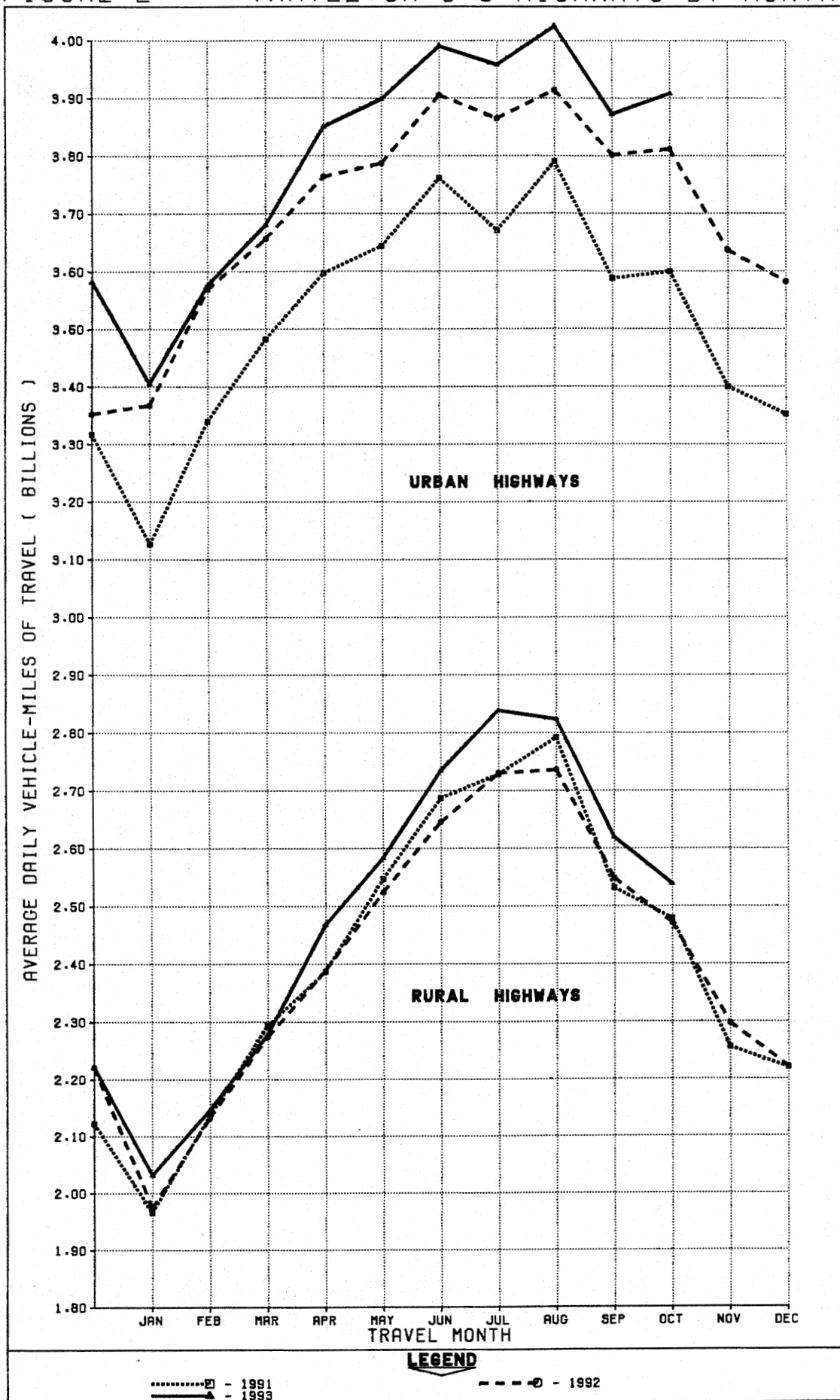


TABLE 1.

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

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1992 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS												
RURAL ARTERIAL	37.4	36.6	43.5	44.4	48.1	49.4	53.4	53.6	47.6	47.6	43.2	43.0
OTHER RURAL	23.8	23.1	27.0	27.2	30.2	30.0	31.3	31.2	28.8	29.0	25.7	25.9
URBAN	104.4	99.9	113.3	112.9	117.4	117.2	119.8	121.4	114.1	118.2	109.1	111.1
ALL SYSTEMS	165.6	159.7	183.8	184.6	195.7	196.6	204.5	206.2	190.5	194.8	178.0	179.9
1993 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	38.7	37.1	43.7	45.9	49.3	51.3	55.6	55.4	49.1	48.9		
OTHER RURAL	24.3	23.0	27.0	28.1	30.8	30.8	32.4	32.2	29.5	29.8		
URBAN	105.6	100.1	114.1	115.5	120.9	119.7	122.7	124.8	116.2	121.2		
ALL SYSTEMS	168.5	160.2	184.7	189.6	201.0	201.8	210.7	212.3	194.8	199.9		
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1993 VS. 1992												
RURAL ARTERIAL	3.4	1.3	0.3	3.3	2.6	3.9	4.2	3.2	3.0	2.6		
OTHER RURAL	2.2	-0.4		3.2	1.9	2.5	3.6	3.2	2.3	2.9		
URBAN	1.1	0.2	0.7	2.3	3.0	2.2	2.4	2.8	1.9	2.5		
ALL SYSTEMS	1.8	0.4	0.5	2.7	2.7	2.6	3.1	3.0	2.2	2.6		

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
1992 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS												
RURAL ARTERIAL	37.4	74.0	117.5	162.0	210.0	259.4	312.8	366.4	414.0	461.7	504.9	547.8
OTHER RURAL	23.8	46.9	73.9	101.1	131.3	161.3	192.6	223.8	252.6	281.6	307.3	333.3
URBAN	104.4	204.3	317.7	430.6	548.0	665.2	785.0	906.4	1020.4	1138.6	1247.7	1358.7
ALL SYSTEMS	165.6	325.3	509.1	693.7	889.4	1085.9	1290.4	1496.5	1687.1	1881.9	2059.9	2239.8
1993 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS***												
RURAL ARTERIAL	38.7	75.8	119.4	165.3	214.7	265.9	321.5	376.9	426.0	474.9		
OTHER RURAL	24.3	47.3	74.3	102.4	133.2	163.9	196.3	228.5	258.0	287.8		
URBAN	105.6	205.7	319.8	435.3	556.2	675.9	798.6	923.4	1039.6	1160.7		
ALL SYSTEMS	168.5	328.8	513.5	703.0	904.0	1105.7	1316.5	1528.8	1723.6	1923.4		
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1993 VS. 1992												
RURAL ARTERIAL	3.4	2.3	1.6	2.1	2.2	2.5	2.8	2.9	2.9	2.9		
OTHER RURAL	2.2	0.9	0.6	1.3	1.4	1.6	1.9	2.1	2.1	2.2		
URBAN	1.1	0.7	0.7	1.1	1.5	1.6	1.7	1.9	1.9	1.9		
ALL SYSTEMS	1.8	1.1	0.9	1.3	1.6	1.8	2.0	2.2	2.2	2.2		

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

\*\*\* TO BE REVISED BASED ON 1993 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

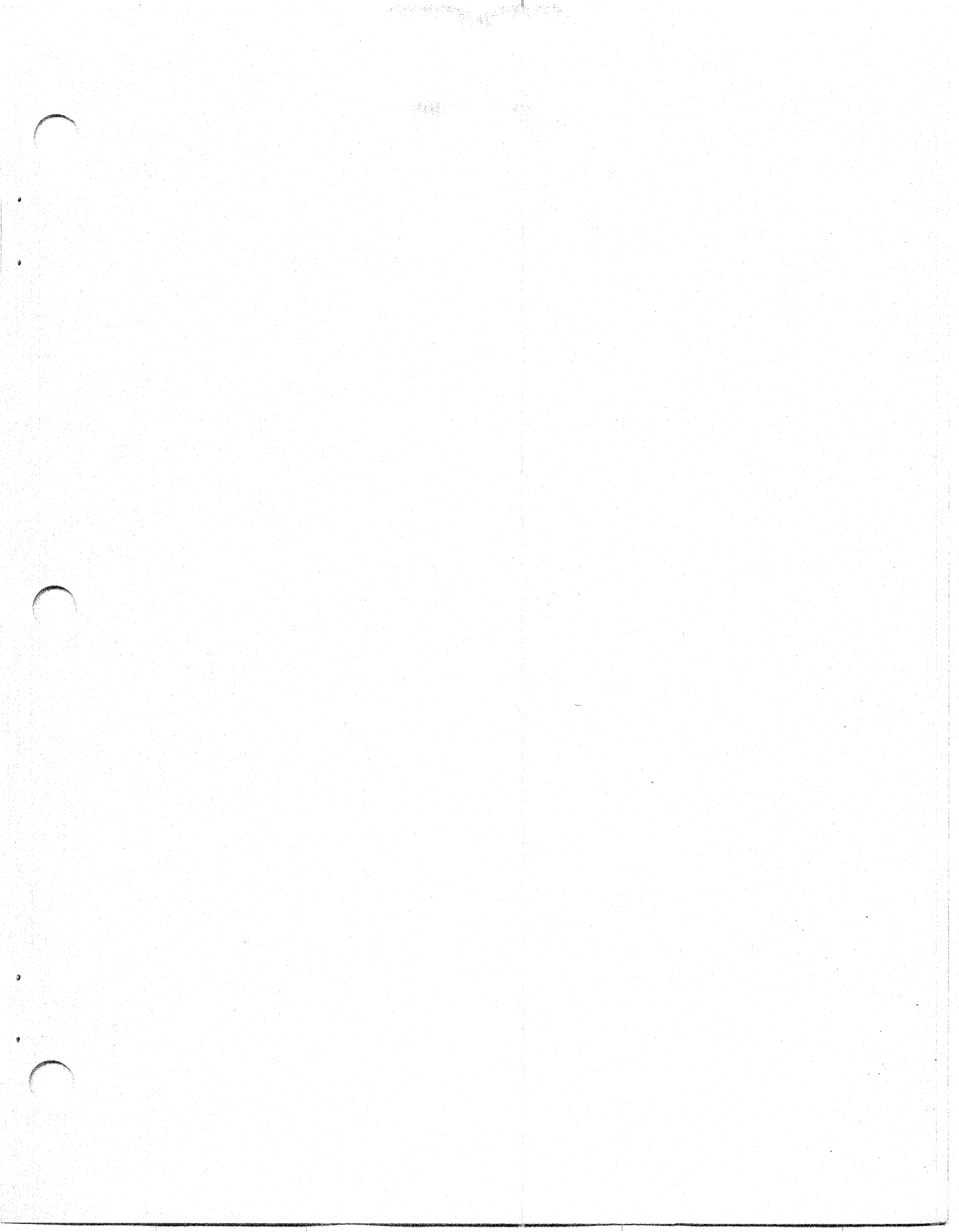
	PRELIMINARY DATA FOR OCTOBER			REVISED DATA FOR SEPTEMBER		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1993	1992		1993	1992	
CLASS OF ROAD, ALL STATES:						
RURAL ARTERIAL ROADS.....	48,872	47,618	2.6	49,086	47,641	3.0
OTHER RURAL ROADS.....	29,832	29,002	2.9	29,495	28,824	2.3
ALL RURAL ROADS.....	78,705	76,620	2.7	78,581	76,464	2.8
CITY STREETS.....	121,154	118,167	2.5	116,185	114,063	1.9
ALL ROADS AND STREETS.....	199,859	194,787	2.6	194,766	190,527	2.2
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	16,192	15,961	1.5	16,056	15,943	0.7
CENTRAL REGION.....	23,855	22,922	4.1	23,576	22,533	4.6
WESTERN REGION.....	8,644	8,552	1.1	9,266	8,983	3.1
TOTAL.....	48,691	47,435	2.6	48,898	47,459	3.0

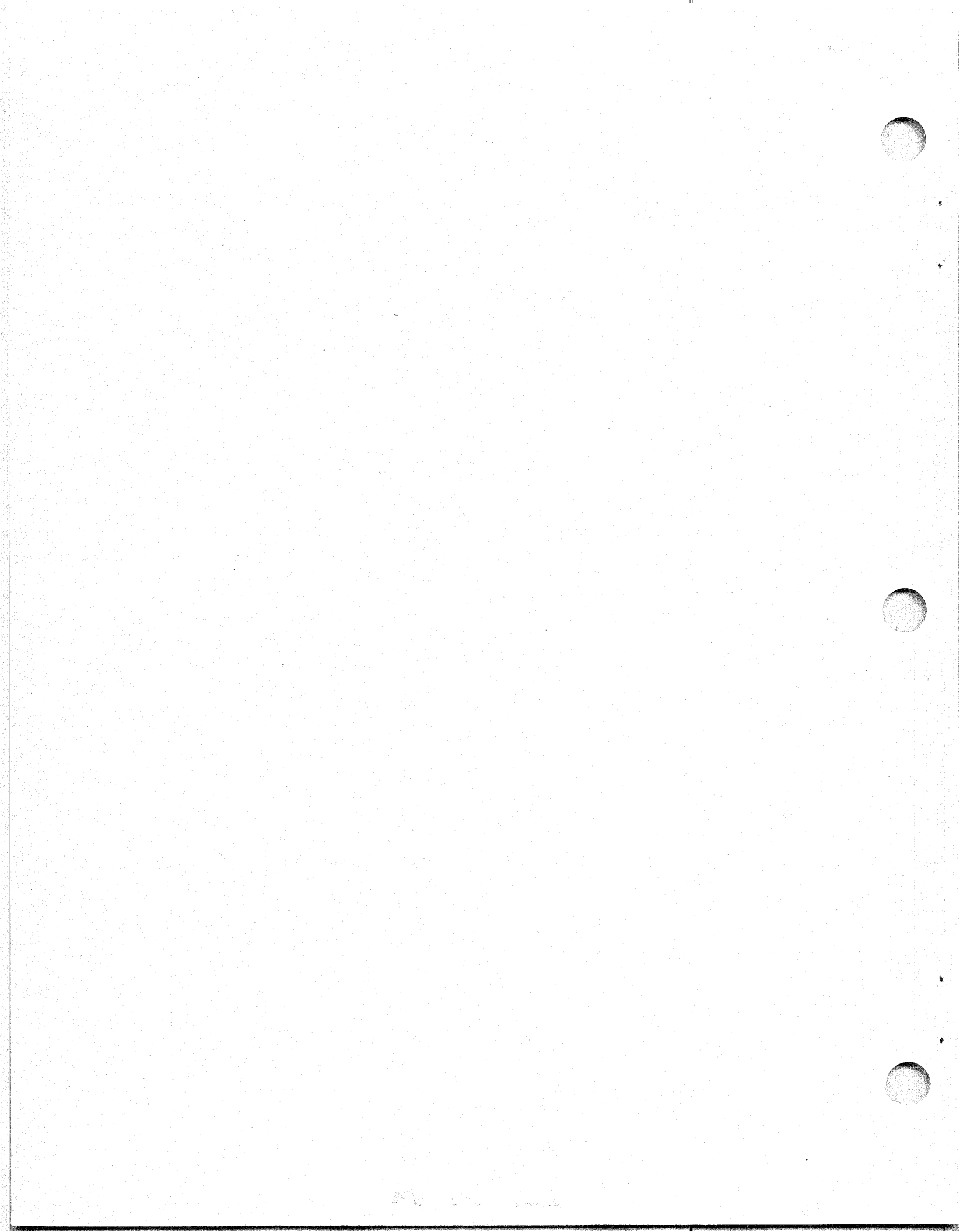
TABLE 4.-CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	OCTOBER (PRELIMINARY)		SEPTEMBER (REVISED)		DIVISION AND STATE	OCTOBER (PRELIMINARY)		SEPTEMBER (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.....	11	3.8	10	1.4	ALABAMA.....	47	4.7	41	5.3
MAINE.....	15	3.2	15	2.6	KENTUCKY.....	32	3.9	17	4.8
MASSACHUSETTS.....	5	1.7	10	- 3.0	MISSISSIPPI.....	25	6.7	20	8.2
NEW HAMPSHIRE.....	61	1.4	48	0.3	TENNESSEE.....	14	2.9	10	7.4
RHODE ISLAND.....	10	4.3	11	5.0	WEST NORTH CENTRAL:				
VERMONT.....	29	1.1	27	- 0.2	IOWA.....	121	4.9	62	6.1
MIDDLE ATLANTIC:					KANSAS.....	18	1.0	61	3.4
NEW JERSEY.....	7	- 0.8	7	- 0.4	MINNESOTA.....	-	-	22	2.9
NEW YORK.....	24	2.7	15	- 0.6	MISSOURI.....	57	4.0	46	5.1
PENNSYLVANIA.....	-	-	19	0.6	NEBRASKA.....	25	6.5	23	5.2
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	27	3.9	26	4.0
DELAWARE.....	20	- 0.2	18	1.7	SOUTH DAKOTA.....	-	-	16	11.0
MARYLAND.....	-	-	-	-	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	-	-	-	ARKANSAS.....	14	2.6	14	2.1
WEST VIRGINIA.....	-	-	-	-	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	26	4.4	26	6.2
FLORIDA.....	-	-	-	-	TEXAS.....	87	2.6	88	4.2
GEORGIA.....	-	-	-	-	MOUNTAIN:				
NORTH CAROLINA.....	10	- 2.6	8	- 4.3	ARIZONA.....	-	-	-	-
SOUTH CAROLINA.....	-	-	-	-	COLORADO.....	118	3.0	55	3.1
EAST NORTH CENTRAL:					IDAHO.....	-	-	-	-
ILLINOIS.....	15	3.2	15	3.3	MONTANA.....	-	-	-	-
INDIANA.....	-	-	-	-	NEVADA.....	-	-	-	-
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	-	-	-	-
OHIO.....	-	3.2	-	3.2	UTAH.....	34	3.8	31	6.9
WISCONSIN.....	-	5.8	-	4.6	WYOMING.....	38	1.6	37	3.1
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	-	-	-	-	CALIFORNIA.....	12	- 0.6	12	1.1
					OREGON.....	-	-	63	4.3
					WASHINGTON.....	-	-	-	-

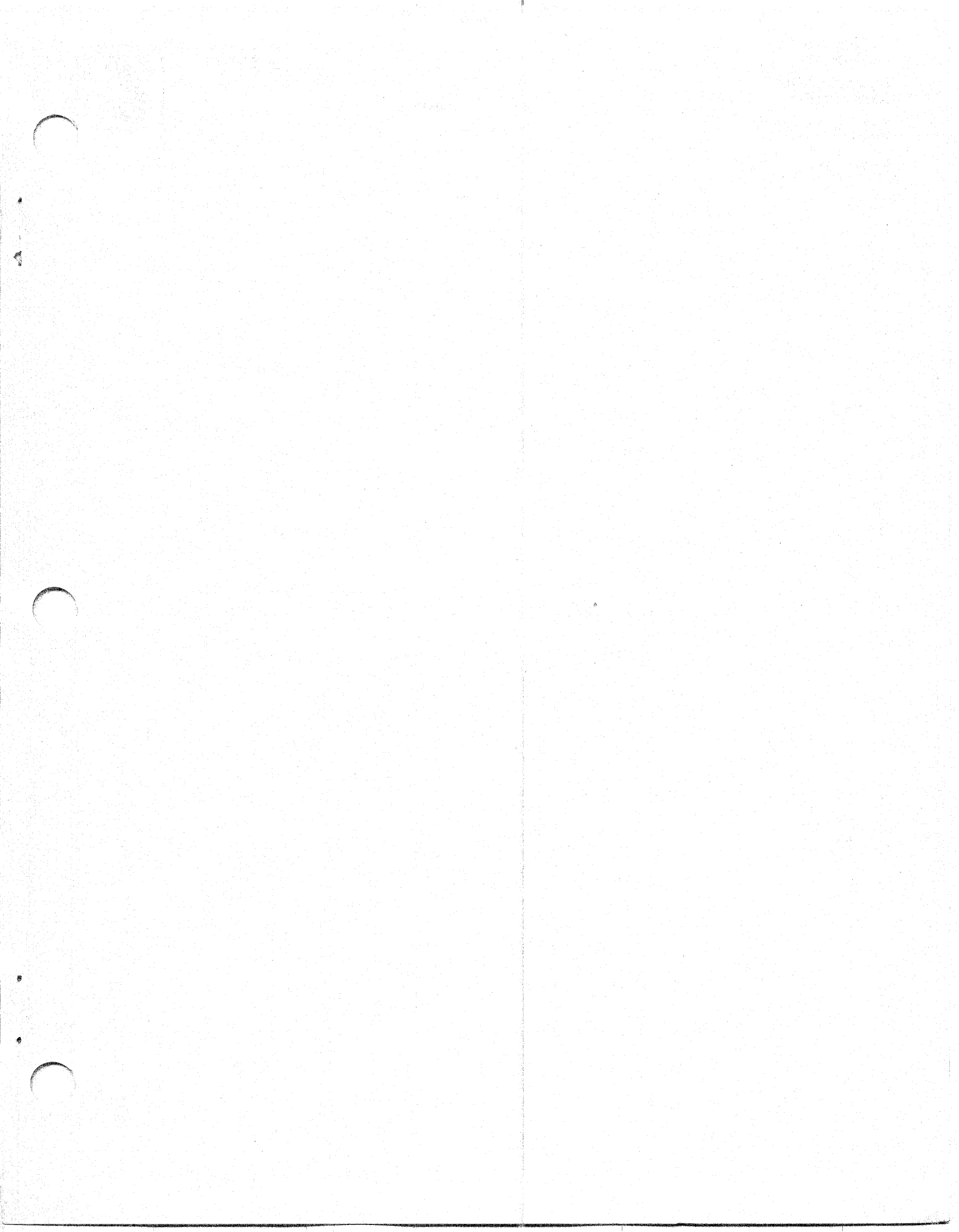
NOTE: 1-WHERE THE NUMBER OF STATIONS IS SHOWN AS A DASH AND A VALUE FOR PERCENTAGE CHANGE IS INDICATED, THE LATTER VALUE IS BASED ON A STATEWIDE ESTIMATE PROVIDED BY THE HIGHWAY AGENCY AS DETERMINED FROM EXTENSIVE TRAFFIC SAMPLING SURVEYS.

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









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