

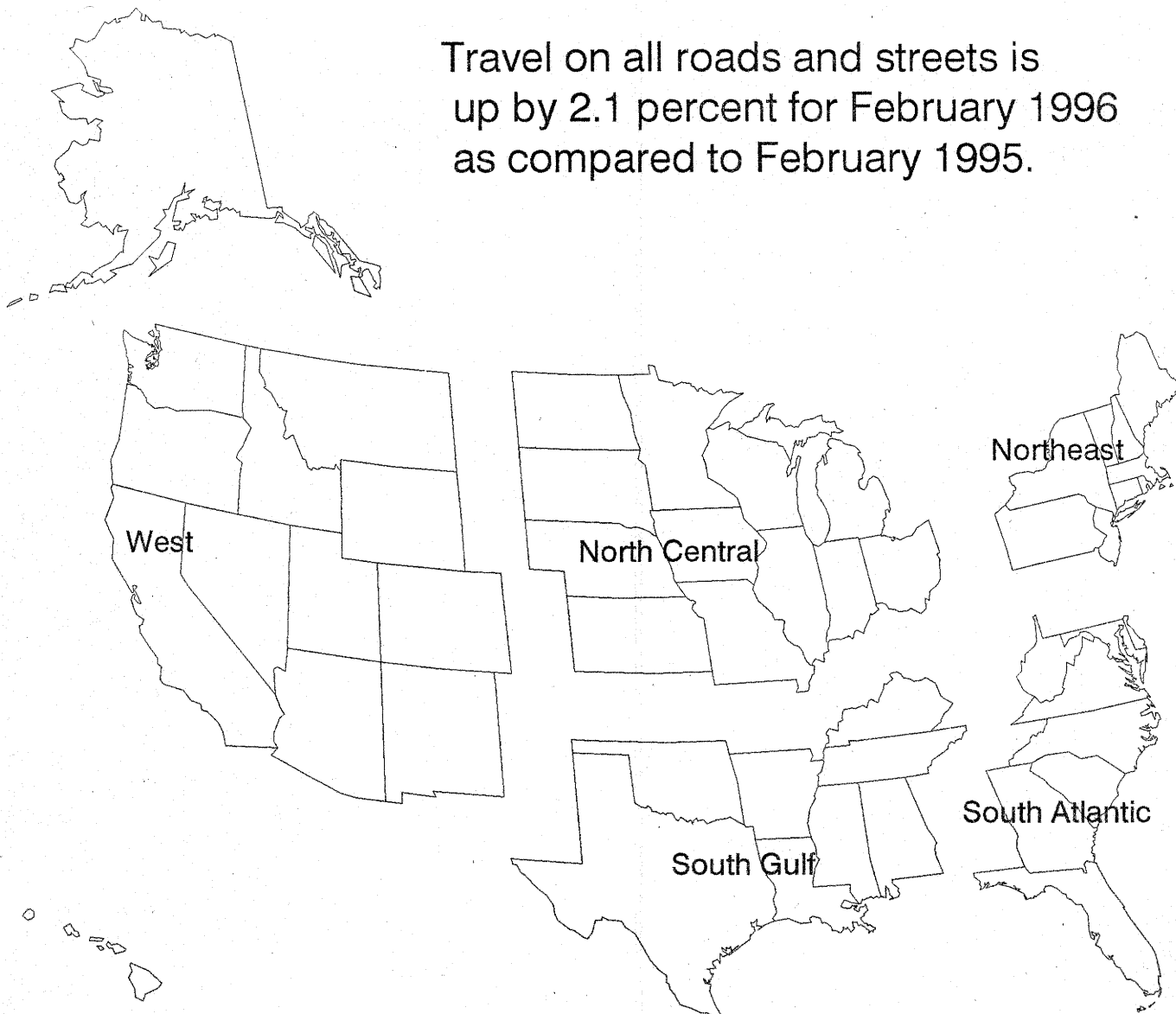


U.S. Department
of Transportation
Federal Highway
Administration

TRAFFIC VOLUME TRENDS

February 1996

Travel on all roads and streets is up by 2.1 percent for February 1996 as compared to February 1995.



Estimated Vehicle-Miles of Travel by Region – February 1996 – (in Billions)

West	North Central	South Gulf	Northeast	South Atlantic
39.7	41.0	33.6	26.6	35.0
Change in Traffic as compared to the same month last year.				
+1.8%	+2.8%	+0.5%	+1.9%	+3.4%

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 1994 Table VM-2 as a base

Compiled with data on hand as of April 23, 1996.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 351

LECTURE 1

LECTURE 2

LECTURE 3

LECTURE 4

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Traffic Volume Trends – February 1996

Based on preliminary reports from the State Highway Agencies, travel during February 1996 on all roads and streets in the nation increased by 2.1 percent as compared to February 1995 resulting in estimated travel for the month at 175.9 billion vehicle–miles. This total includes 65.2 billion vehicle–miles on rural roads and 110.7 billion vehicle–miles on urban roads and streets.

Travel for the current month as well 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	February	Year to Date
1970	77,442	157,615
1971	80,118	165,455
1972	88,272	180,738
1973	92,567	189,231
1974	86,426	181,456
1975	91,303	189,645
1976	98,528	200,988
1977	102,416	204,861
1978	107,018	216,855
1979	109,650	224,004
1980	107,338	223,800
1981	109,765	225,814
1982	107,512	217,269
1983	111,828	231,263
1984	117,483	240,013
1985	119,367	243,488
1986	123,526	256,524
1987	135,996	275,914
1988	141,748	290,627
1989	146,732	306,482
1990	153,559	317,159
1991	153,351	311,240
1992	159,682	326,791
1993	162,843	334,523
1994	166,522	335,933
1995	172,283	351,832
1996	175,902	357,815

Traffic Volume Trends is a monthly report based on hourly traffic count data. These data, collected at approximately 4,000 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 month of the previous year to obtain an estimate of travel for the current month.

For additional information, for extra copies, or to be put on the monthly mailing list, write:

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Federal Highway Administration
Office of Highway Information Management
400 7th Street, S.W., Room 3300, HPM-30
Washington, DC 20590

Phone (202) 366-5055
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Change of address information should also be sent to the above address. Send the back cover (including your old address) of the most recent issue you have received with the new information clearly printed or typed.

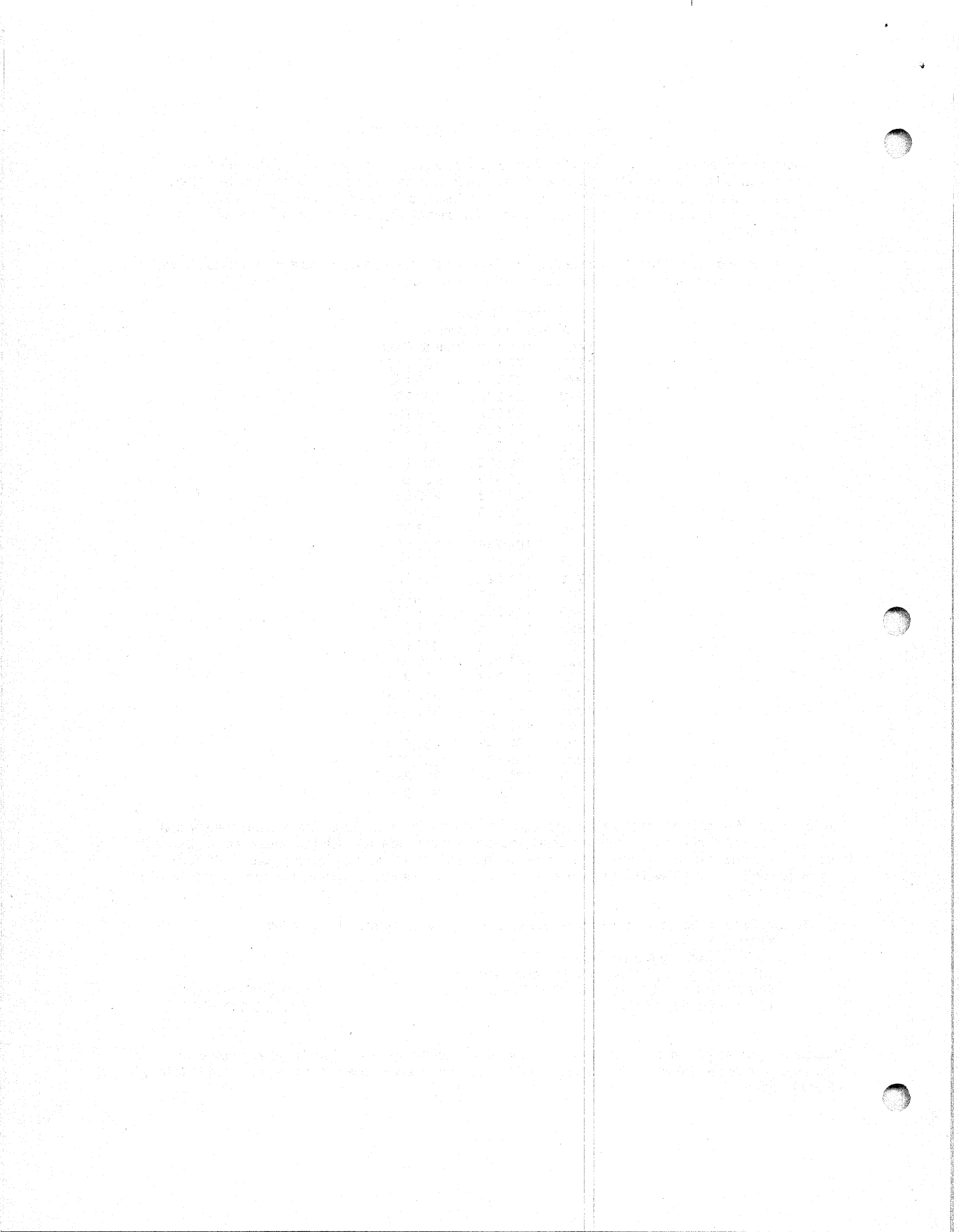


Table 1 – Estimated Individual Monthly Motor Vehicle Travel In The United States

System	Month											
	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
1995 Individual Monthly Vehicle—Miles of Travel In Billions *												
Rural Interstate	15.2	14.8	17.9	18.5	19.3	20.0	21.7	21.4	19.2	19.1	18.1	17.7
Rural Other Arterial	25.8	25.0	29.7	29.8	32.3	33.1	34.9	34.8	32.0	31.8	29.0	28.0
Other Rural	25.0	23.8	28.1	28.1	30.4	30.5	31.7	31.5	29.4	29.4	27.1	26.8
Urban Interstate	25.8	25.2	28.9	27.6	29.2	29.5	29.9	30.6	28.5	29.1	27.9	27.9
Urban Other Arterial	62.7	59.5	68.7	66.4	70.3	69.6	69.4	70.7	68.0	69.6	64.9	66.2
Other Urban	<u>25.0</u>	<u>23.8</u>	<u>27.7</u>	<u>26.9</u>	<u>28.4</u>	<u>28.3</u>	<u>28.7</u>	<u>29.1</u>	<u>27.6</u>	<u>28.0</u>	<u>26.4</u>	<u>26.4</u>
All Systems	179.5	172.3	200.9	197.4	209.9	211.0	216.3	218.1	204.8	206.9	193.2	193.0
1996 Individual Monthly Vehicle—Miles of Travel In Billions *												
Rural Interstate	15.5	15.2										
Rural Other Arterial	26.0	25.6										
Other Rural	25.1	24.4										
Urban Interstate	26.6	25.9										
Urban Other Arterial	63.5	60.5										
Other Urban	<u>25.3</u>	<u>24.3</u>										
All Systems	181.9	175.9										
Percent Change In Individual Monthly Travel 1996 vs. 1995												
Rural Interstate	1.5	2.5										
Rural Other Arterial	0.8	2.4										
Other Rural	0.3	2.3										
Urban Interstate	2.9	2.6										
Urban Other Arterial	1.2	1.6										
Other Urban	<u>1.3</u>	<u>2.0</u>										
All Systems	1.3	2.1										

Table 2 – Estimated Cumulative Monthly Motor Vehicle Travel In The United States

System	Month											
	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
1995 Cumulative Monthly Vehicle—Miles of Travel In Billions *												
Rural Interstate	15.2	30.1	47.9	66.4	85.7	105.7	127.4	148.8	168.0	187.1	205.1	222.8
Rural Other Arterial	25.8	50.8	80.5	110.4	142.7	175.8	210.7	245.5	277.5	309.3	338.2	366.2
Other Rural	25.0	48.8	76.9	105.1	135.4	165.9	197.6	229.1	258.5	287.9	314.9	341.8
Urban Interstate	25.8	51.1	79.9	107.5	136.7	166.2	196.1	226.7	255.2	284.2	312.1	340.0
Urban Other Arterial	62.7	122.2	190.9	257.4	327.6	397.2	466.6	537.3	605.4	675.0	739.9	806.0
Other Urban	<u>25.0</u>	<u>48.8</u>	<u>76.4</u>	<u>103.3</u>	<u>131.7</u>	<u>160.0</u>	<u>188.7</u>	<u>217.9</u>	<u>245.5</u>	<u>273.5</u>	<u>299.9</u>	<u>326.3</u>
All Systems	179.5	351.8	552.7	750.0	959.9	1170.9	1387.2	1605.3	1810.0	2016.9	2210.2	2403.2
1996 Cumulative Monthly Vehicle—Miles of Travel In Billions *												
Rural Interstate	15.5	30.7										
Rural Other Arterial	26.0	51.7										
Other Rural	25.1	49.5										
Urban Interstate	26.6	52.5										
Urban Other Arterial	63.5	124.0										
Other Urban	<u>25.3</u>	<u>49.6</u>										
All Systems	181.9	357.8										
Percent Change In Cumulative Monthly Travel 1996 vs. 1995												
Rural Interstate	1.5	2.0										
Rural Other Arterial	0.8	1.6										
Other Rural	0.3	1.3										
Urban Interstate	2.9	2.7										
Urban Other Arterial	1.2	1.4										
Other Urban	<u>1.3</u>	<u>1.7</u>										
All Systems	1.3	1.7										

* System entries may not add to give "All Systems" total due to rounding.

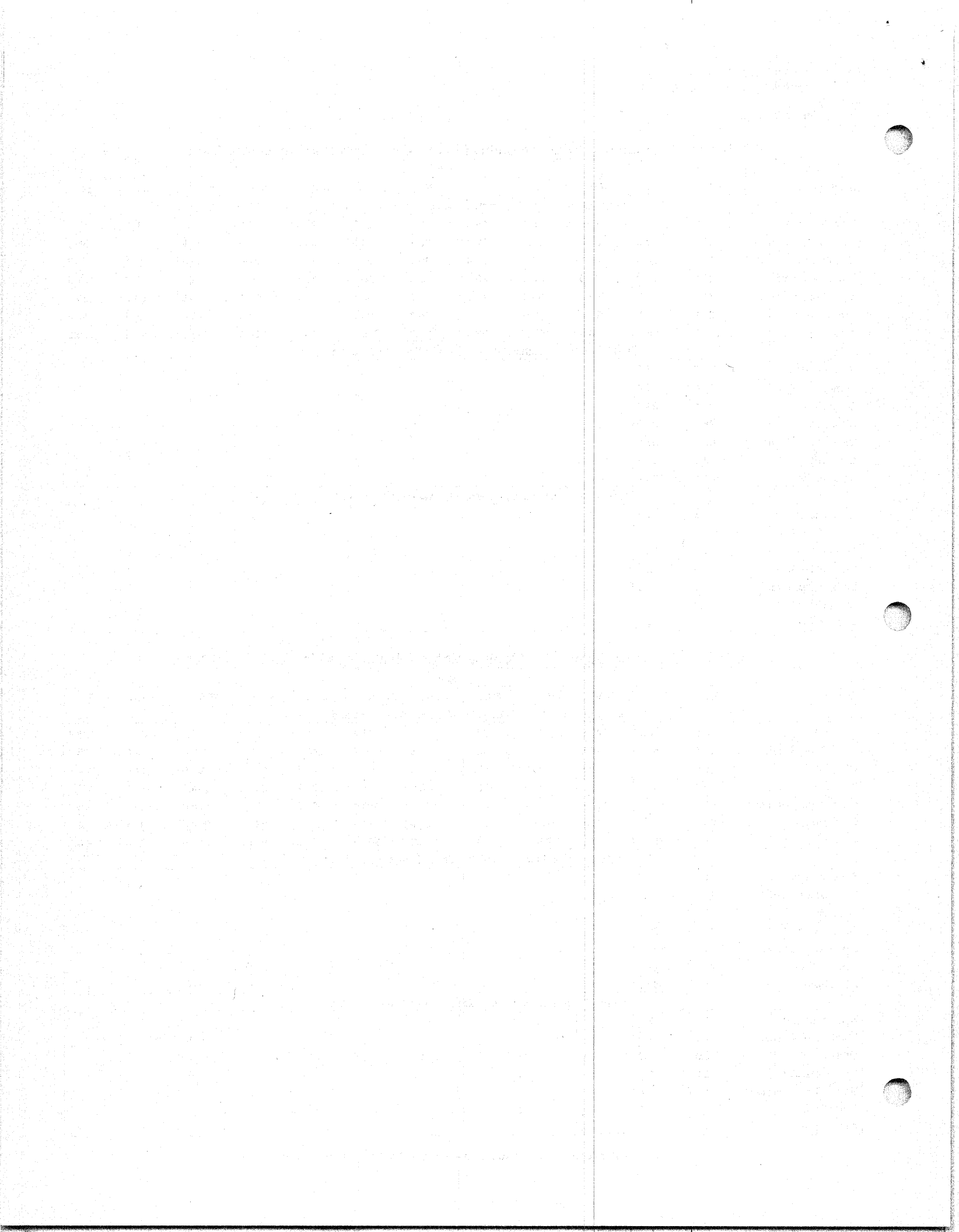


Table 3 - Changes On Rural Arterial Roads By Region and State

Region and State	February				January			
	Number of Stations	Vehicle-Miles (Millions)		Percent Change	Number of Stations	Vehicle-Miles (Millions)		Percent Change
		1996 (Preliminary)	1995			1996 (Revised)	1995	
Northeast								
Connecticut	22	266	258	2.9	22	267	280	-4.7
Maine	36	337	323	4.2	36	347	339	2.3
Massachusetts	5	310	308	0.5	14	293	303	-3.2
New Hampshire	-	266	258	2.8	56	276	270	1.9
New Jersey	10	493	467	5.5	10	455	471	-3.5
New York	-	1,066	1,037	2.8	38	1,104	1,122	-1.7
Pennsylvania	18	1,676	1,631	2.7	18	1,570	1,717	-8.6
Rhode Island	-	46	45	1.7	-	49	50	-2.1
Vermont	35	187	181	3.7	35	188	187	0.6
		4,646	4,509	3.0		4,547	4,740	-4.1
South Atlantic								
Delaware	19	100	98	2.5	17	100	107	-6.5
Dist Of Columbia	-	0	0	0.0	-	0	0	0.0
Florida	182	2,037	1,989	2.4	169	2,080	2,043	1.8
Georgia	35	1,629	1,503	8.3	35	1,667	1,587	5.0
Maryland	-	624	608	2.7	-	608	651	-6.7
North Carolina	-	1,334	1,279	4.3	24	1,305	1,348	-3.2
South Carolina	-	1,161	1,073	8.2	-	1,111	1,092	1.7
Virginia	-	1,323	1,337	-1.1	53	1,305	1,366	-4.5
West Virginia	-	550	534	2.9	-	543	562	-3.4
		8,758	8,421	4.0		8,718	8,757	-0.4
North Central								
Illinois	30	1,310	1,257	4.2	36	1,319	1,276	3.3
Indiana	-	1,221	1,179	3.6	-	1,256	1,232	1.9
Iowa	125	757	743	1.9	125	759	766	-0.9
Kansas	65	595	583	2.1	65	604	604	-0.1
Michigan	-	1,313	1,263	4.0	-	1,336	1,318	1.3
Minnesota	-	931	912	2.0	-	952	954	-0.2
Missouri	72	1,127	1,087	3.6	64	1,161	1,111	4.5
Nebraska	29	464	450	3.0	29	459	463	-1.0
North Dakota	32	196	192	2.3	38	196	197	-0.4
Ohio	49	1,407	1,340	5.0	50	1,409	1,391	1.3
South Dakota	50	267	270	-1.1	50	270	280	-3.7
Wisconsin	125	1,169	1,137	2.8	128	1,162	1,148	1.2
		10,757	10,413	3.3		10,883	10,742	1.3
South Gulf								
Alabama	-	1,039	1,015	2.3	46	1,074	1,057	1.6
Arkansas	-	731	734	-0.5	16	752	729	3.1
Kentucky	51	805	803	0.2	51	821	813	1.0
Louisiana	-	749	740	1.2	-	785	756	3.9
Mississippi	77	774	798	-3.0	75	829	826	0.3
Oklahoma	-	786	769	2.2	-	828	795	4.1
Tennessee	21	1,120	1,139	-1.7	21	1,186	1,204	-1.5
Texas	116	2,841	2,778	2.3	114	3,075	2,921	5.3
		8,845	8,778	0.8		9,350	9,101	2.7
West								
Alaska	46	68	69	-1.1	-	76	73	3.9
Arizona	-	621	606	2.5	-	658	610	7.9
California	14	2,917	2,855	2.1	12	2,964	2,730	8.6
Colorado	-	684	666	2.6	-	658	659	-0.1
Hawaii	-	89	88	0.8	-	91	85	6.5
Idaho	-	280	282	-1.0	127	269	275	-2.3
Montana	-	306	299	2.5	-	304	311	-2.1
Nevada	-	229	226	1.1	-	224	213	5.1
New Mexico	-	786	769	2.2	-	882	837	5.3
Oregon	107	652	681	-4.3	104	657	686	-4.2
Utah	68	329	320	2.8	67	326	316	3.2
Washington	46	662	666	-0.5	51	649	677	-4.1
Wyoming	124	216	211	2.4	125	213	220	-3.6
		7,839	7,741	1.3		7,971	7,694	3.6
TOTALS		40,844	39,862	2.5		41,469	41,034	1.1

Note: Where Number of Stations are shown as dashes, the values for Vehicle-Miles and Percent Change are derived from the estimated VMT based on data from surrounding States or the Nationwide average VMT.

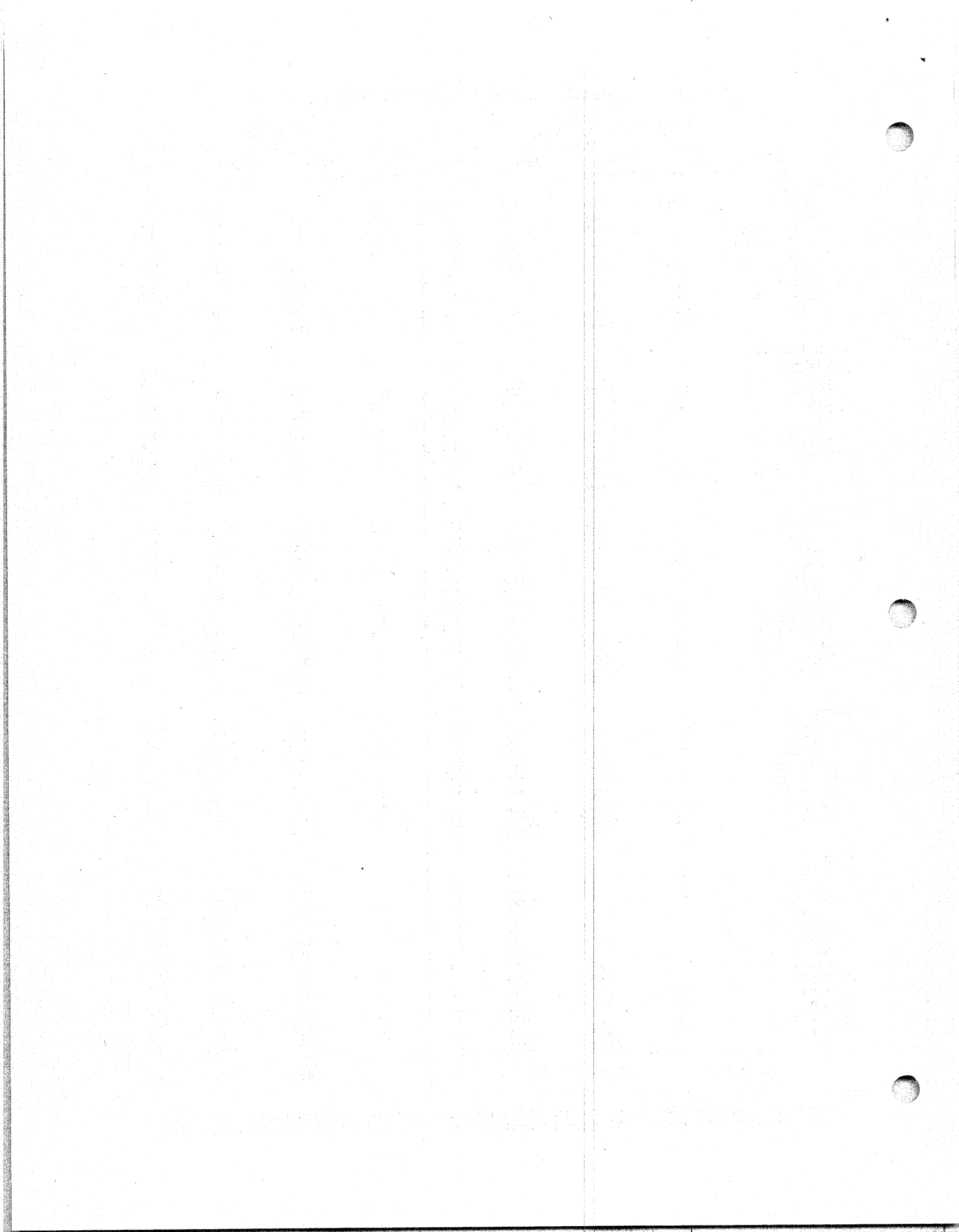
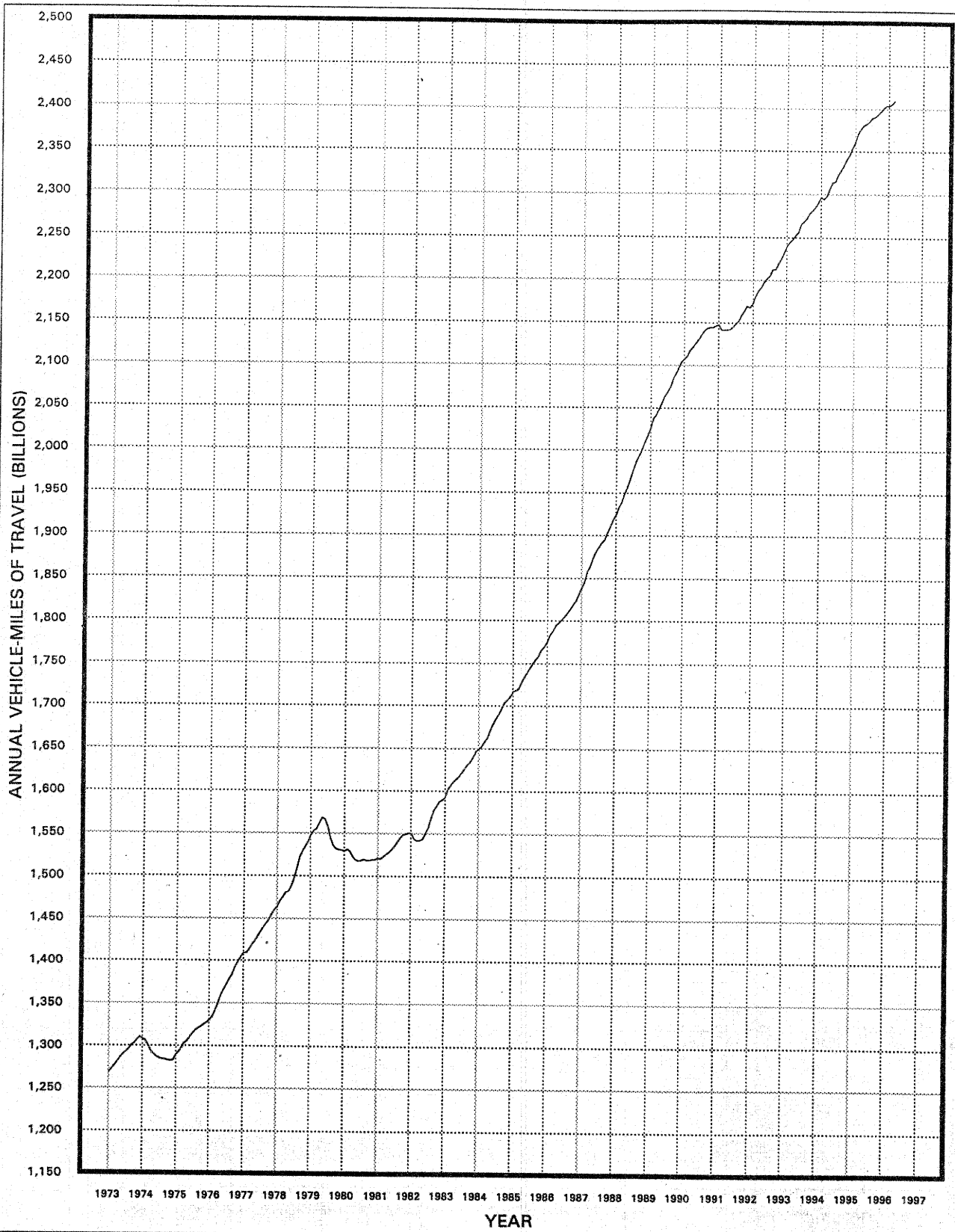


FIGURE 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS



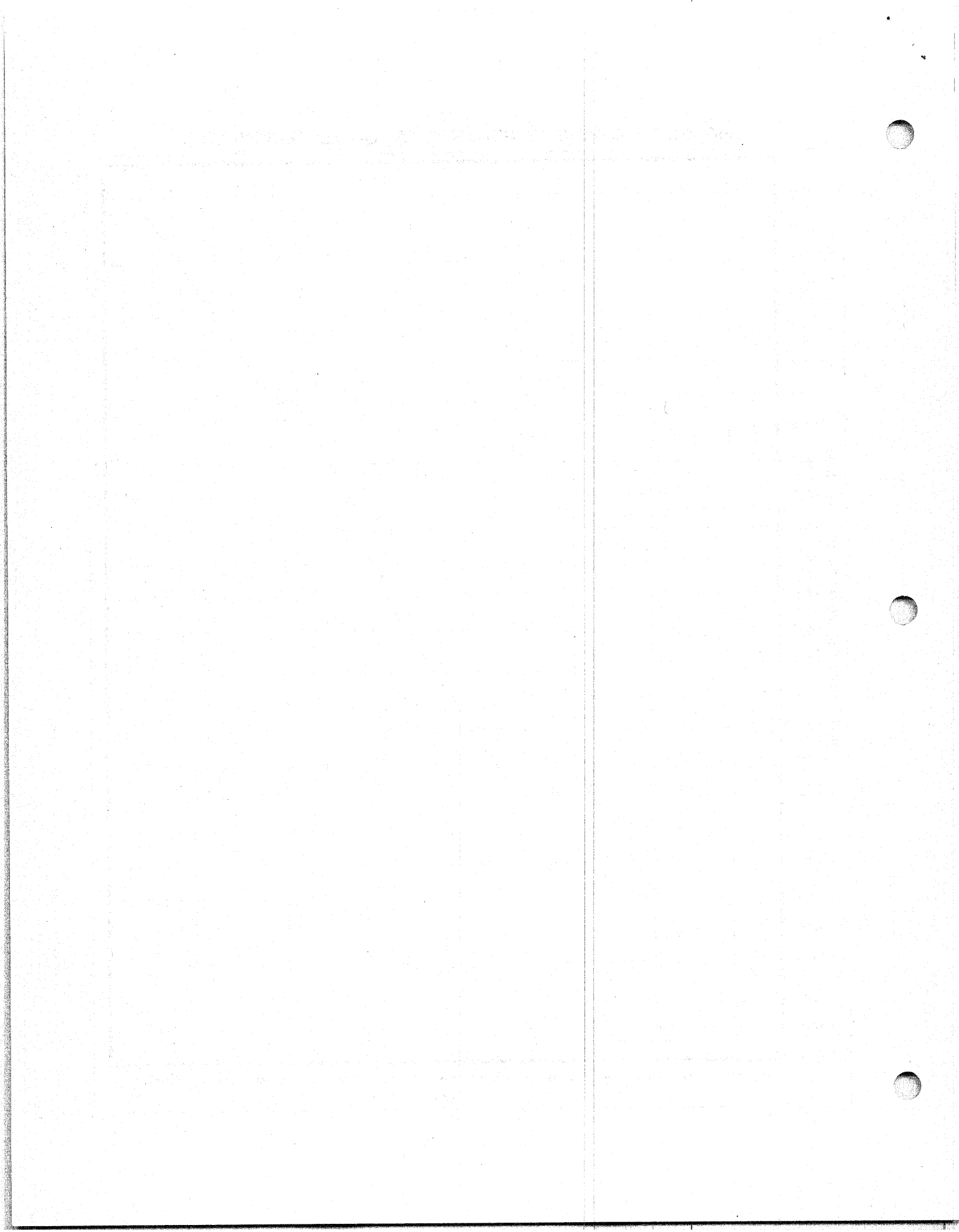
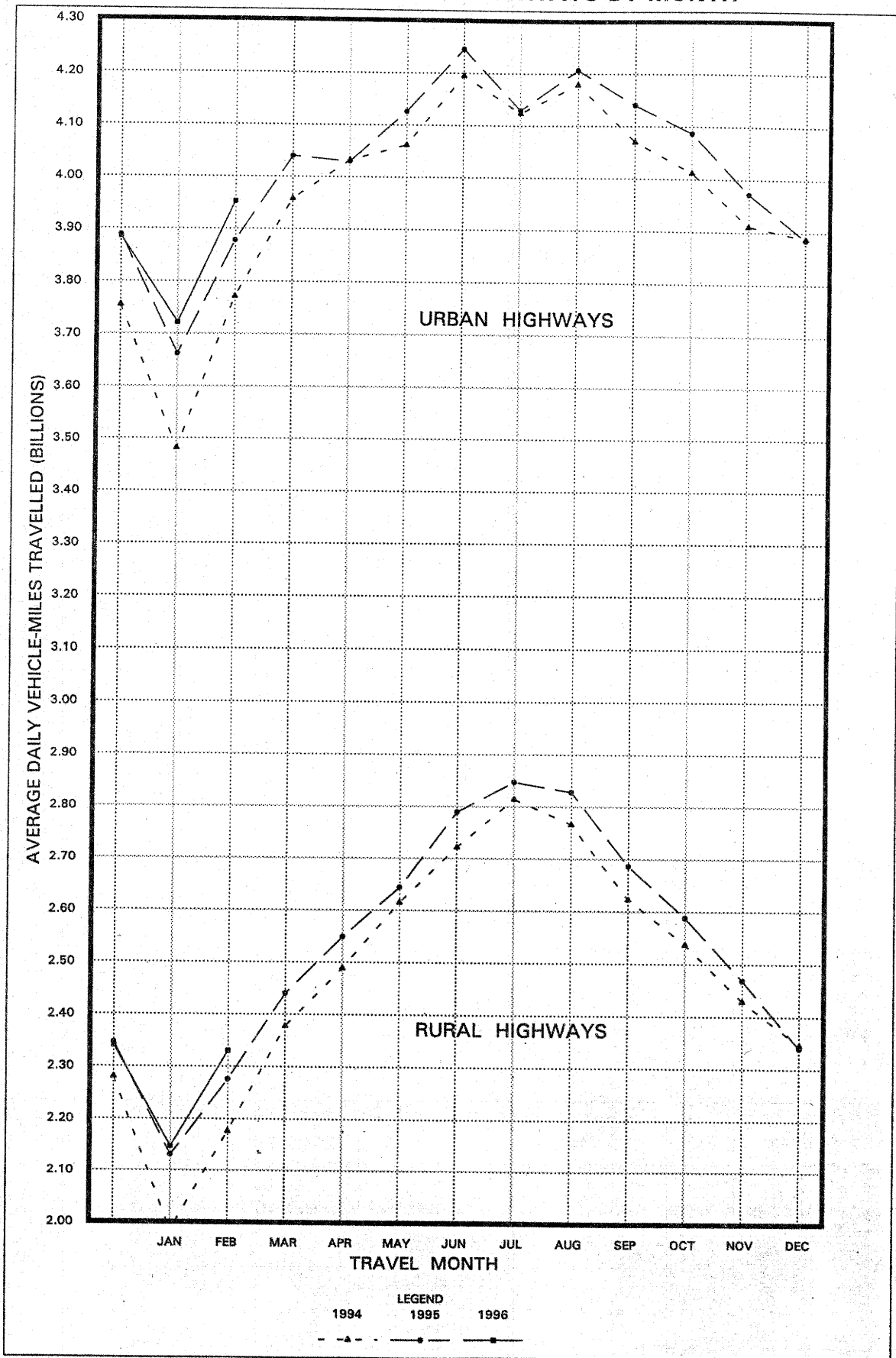
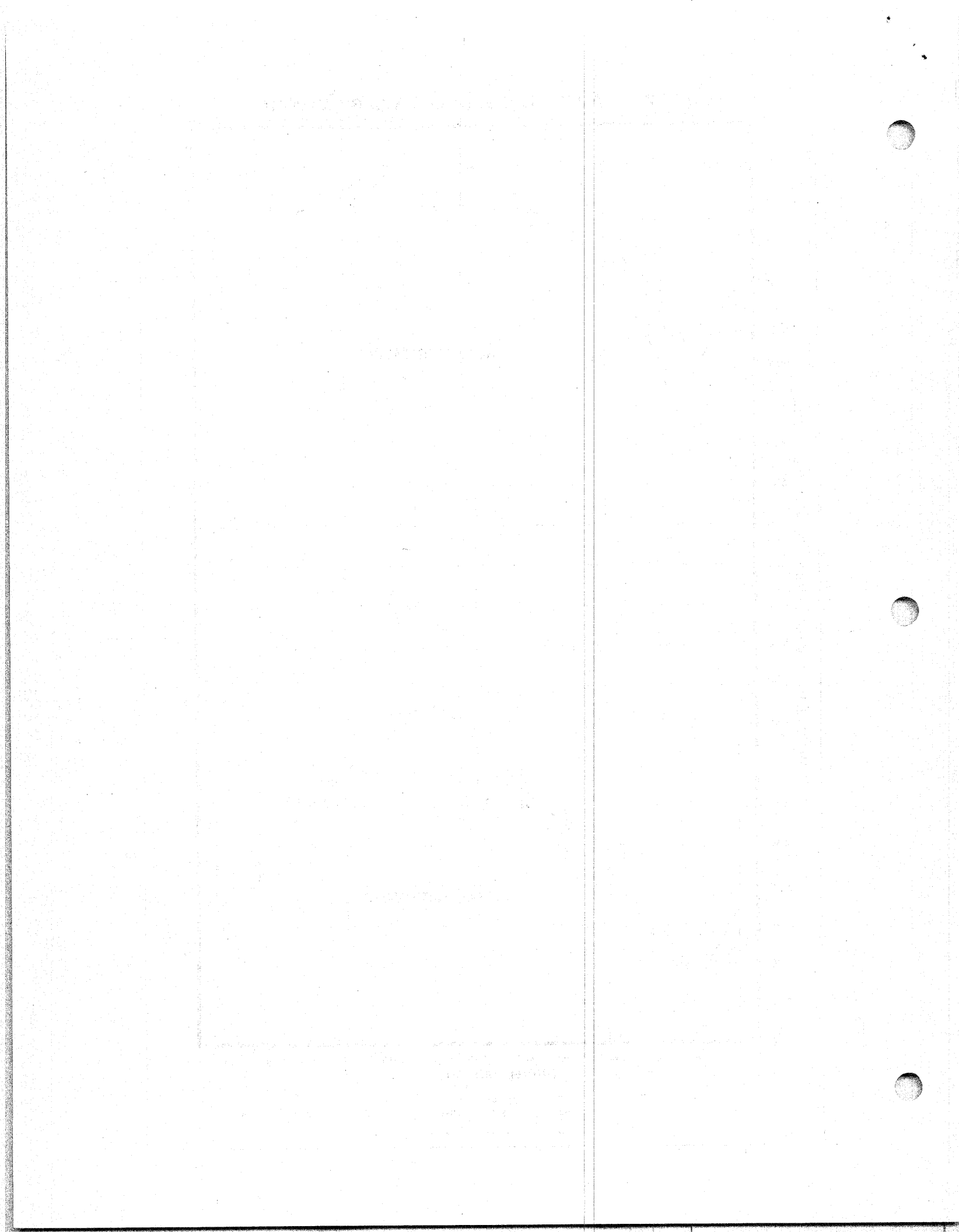


FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH



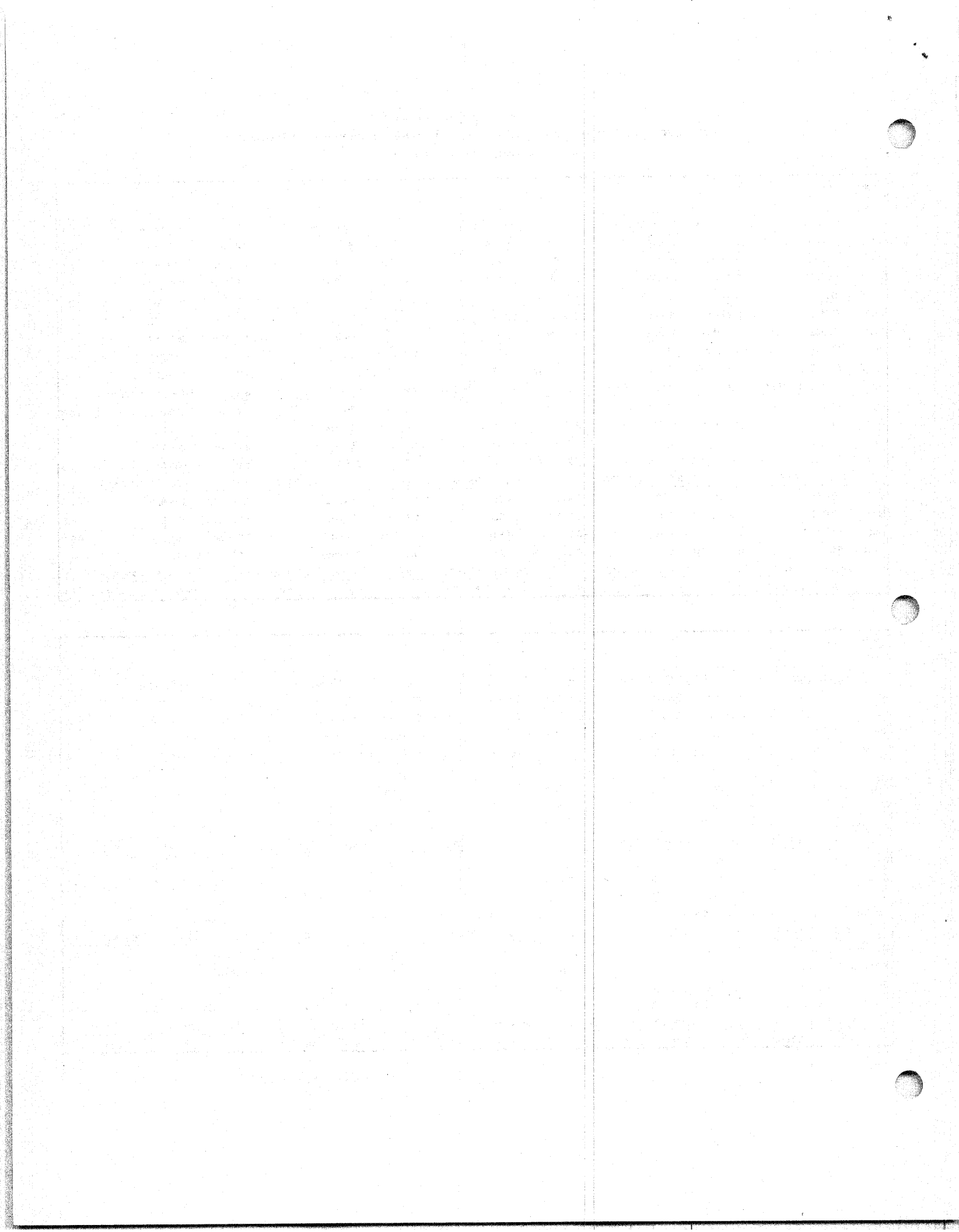


Traffic Volume Trends Rural*
Estimated Vehicle Miles (Millions) and Percent Change from Same Period Previous Year
(Includes Preliminary Data for February 1996)

Year - 1995														
	Rural Interstate		Rural Other Arterial		Other Rural		Total Rural		All Systems					
		%		%		%		%		%				
Jan	15,220	8.3	Jan	25,814	7.5	Jan	25,004	6.7	Jan	66,038	7.4	Jan	179,548	6.0
Feb	14,832	5.9	Feb	25,030	5.1	Feb	23,844	3.2	Feb	63,706	4.6	Feb	172,283	3.5
Mar	17,890	2.7	Mar	29,699	3.3	Mar	28,057	1.9	Mar	75,646	2.6	Mar	200,864	2.3
Q1	47,942	5.4	Q1	80,543	5.2	Q1	76,905	3.8	Q1	205,390	4.7	Q1	552,695	3.8
Apr	18,469	5.2	Apr	29,845	2.3	Apr	28,147	0.7	Apr	76,461	2.4	Apr	197,352	0.9
May	19,282	1.1	May	32,292	1.5	May	30,378	0.6	May	81,952	1.1	May	209,852	1.4
Jun	20,044	3.5	Jun	33,109	2.9	Jun	30,514	1.3	Jun	83,667	2.5	Jun	211,049	1.7
Q2	57,795	3.2	Q2	95,246	2.3	Q2	89,039	0.9	Q2	242,080	2.0	Q2	618,253	1.3
1st Half	105,737	4.2	1st Half	175,789	3.6	1st Half	165,944	2.2	1st Half	447,470	3.2	1st Half	1,170,948	2.5
Jul	21,665	1.1	Jul	34,913	1.2	Jul	31,677	1.2	Jul	88,255	1.2	Jul	216,251	0.6
Aug	21,374	2.8	Aug	34,768	2.3	Aug	31,512	1.8	Aug	87,654	2.2	Aug	218,061	1.3
Sep	19,199	3.4	Sep	32,034	2.3	Sep	29,354	1.9	Sep	80,587	2.4	Sep	204,766	2.0
Q3	62,238	2.4	Q3	101,715	1.9	Q3	92,543	1.7	Q3	256,496	1.9	Q3	639,078	1.3
3 Qs	167,975	3.5	3 Qs	277,504	3.0	3 Qs	258,487	2.0	3 Qs	703,966	2.7	3 Qs	1,810,026	2.1
Oct	19,078	3.3	Oct	31,773	1.9	Oct	29,385	1.4	Oct	80,236	2.0	Oct	206,923	1.9
Nov	18,059	2.3	Nov	28,969	1.5	Nov	27,055	1.3	Nov	74,083	1.6	Nov	193,236	1.6
Dec	17,705	1.0	Dec	27,985	-0.9	Dec	26,847	-0.4	Dec	72,537	-0.3	Dec	192,978	-0.1
Q4	54,842	2.2	Q4	88,727	0.9	Q4	83,287	0.8	Q4	226,856	1.2	Q4	593,137	1.1
2nd Half	117,080	2.3	2nd Half	190,442	1.4	2nd Half	175,830	1.3	2nd Half	483,352	1.6	2nd Half	1,232,215	1.2
Year	222,817	3.2	Year	366,231	2.4	Year	341,774	1.7	Year	930,822	2.4	Year	2,403,163	1.8

Year - 1996														
	Rural Interstate		Rural Other Arterial		Other Rural		Total Rural		All Systems					
		%		%		%		%		%				
Jan	15,453	1.5	Jan	26,016	0.8	Jan	25,089	0.3	Jan	66,558	0.8	Jan	181,913	1.3
Feb	15,210	2.5	Feb	25,634	2.4	Feb	24,389	2.3	Feb	65,233	2.4	Feb	175,902	2.1
Mar	0	-	Mar	0	-	Mar	0	-	Mar	0	-	Mar	0	-
Q1	30,663	2.0	Q1	51,650	1.6	Q1	49,478	1.3	Q1	131,791	1.6	Q1	357,815	1.7
Apr	0	-	Apr	0	-	Apr	0	-	Apr	0	-	Apr	0	-
May	0	-	May	0	-	May	0	-	May	0	-	May	0	-
Jun	0	-	Jun	0	-	Jun	0	-	Jun	0	-	Jun	0	-
Q2	0	-	Q2	0	-	Q2	0	-	Q2	0	-	Q2	0	-
1st Half	30,663	2.0	1st Half	51,650	1.6	1st Half	49,478	1.3	1st Half	131,791	1.6	1st Half	357,815	1.7
Jul	0	-	Jul	0	-	Jul	0	-	Jul	0	-	Jul	0	-
Aug	0	-	Aug	0	-	Aug	0	-	Aug	0	-	Aug	0	-
Sep	0	-	Sep	0	-	Sep	0	-	Sep	0	-	Sep	0	-
Q3	0	-	Q3	0	-	Q3	0	-	Q3	0	-	Q3	0	-
3 Qs	30,663	2.0	3 Qs	51,650	1.6	3 Qs	49,478	1.3	3 Qs	131,791	1.6	3 Qs	357,815	1.7
Oct	0	-	Oct	0	-	Oct	0	-	Oct	0	-	Oct	0	-
Nov	0	-	Nov	0	-	Nov	0	-	Nov	0	-	Nov	0	-
Dec	0	-	Dec	0	-	Dec	0	-	Dec	0	-	Dec	0	-
Q4	0	-	Q4	0	-	Q4	0	-	Q4	0	-	Q4	0	-
2nd Half	0	-	2nd Half	0	-	2nd Half	0	-	2nd Half	0	-	2nd Half	0	-
Year	30,663	2.0	Year	51,650	1.6	Year	49,478	1.3	Year	131,791	1.6	Year	357,815	1.7

* formerly table 9B



Traffic Volume Trends Urban*
Estimated Vehicle Miles (Millions) and Percent Change from Same Period Previous Year
(Includes Preliminary Data for February 1996)

Year - 1995														
Urban Interstate		%	Urban Other Arterial		%	Other Urban		%	Total Urban		%	All Systems		%
Jan	25,847	5.8	Jan	62,687	4.6	Jan	24,976	6.1	Jan	113,510	5.2	Jan	179,548	6.0
Feb	25,239	3.4	Feb	59,539	2.3	Feb	23,799	3.5	Feb	108,577	2.8	Feb	172,283	3.5
Mar	<u>28,853</u>	2.9	Mar	<u>68,704</u>	1.5	Mar	<u>27,661</u>	2.5	Mar	<u>125,218</u>	2.1	Mar	<u>200,864</u>	2.3
Q1	79,939	4.0	Q1	190,930	2.8	Q1	76,436	3.9	Q1	347,305	3.3	Q1	552,695	3.8
Apr	27,602	1.1	Apr	66,427	-0.8	Apr	26,862	0.5	Apr	120,891	-0.1	Apr	197,352	0.9
May	29,169	2.6	May	70,288	1.1	May	28,443	1.6	May	127,900	1.6	May	209,852	1.4
Jun	<u>29,533</u>	3.0	Jun	<u>69,574</u>	0.5	Jun	<u>28,275</u>	1.2	Jun	<u>127,382</u>	1.2	Jun	<u>211,049</u>	1.7
Q2	86,304	2.3	Q2	206,289	0.3	Q2	83,580	1.1	Q2	376,173	0.9	Q2	618,253	1.3
1st Half	166,243	3.1	1st Half	397,219	1.5	1st Half	160,016	2.5	1st Half	723,478	2.1	1st Half	1,170,948	2.5
Jul	29,870	1.8	Jul	69,413	-0.7	Jul	28,713	0.4	Jul	127,996	0.1	Jul	216,251	0.6
Aug	30,558	1.9	Aug	70,701	-0.0	Aug	29,148	1.0	Aug	130,407	0.7	Aug	218,061	1.3
Sep	<u>28,490</u>	2.3	Sep	<u>68,048</u>	1.4	Sep	<u>27,641</u>	1.8	Sep	<u>124,179</u>	1.7	Sep	<u>204,766</u>	2.0
Q3	86,918	2.0	Q3	208,162	0.2	Q3	85,502	1.1	Q3	382,582	0.8	Q3	639,078	1.3
3 Qs	255,161	2.7	3 Qs	605,381	1.0	3 Qs	245,518	2.0	3 Qs	1,106,060	1.6	3 Qs	1,810,026	2.1
Oct	29,089	2.6	Oct	69,598	1.7	Oct	28,000	1.7	Oct	126,687	1.9	Oct	206,923	1.9
Nov	27,854	3.1	Nov	64,875	1.0	Nov	26,424	1.5	Nov	119,153	1.6	Nov	193,236	1.6
Dec	<u>27,917</u>	1.9	Dec	<u>66,151</u>	-0.6	Dec	<u>26,373</u>	-0.8	Dec	<u>120,441</u>	-0.1	Dec	<u>192,978</u>	-0.1
Q4	84,860	2.5	Q4	200,624	0.7	Q4	80,797	0.8	Q4	366,281	1.1	Q4	593,137	1.1
2nd Half	173,778	2.3	2nd Half	408,786	0.5	2nd Half	166,299	0.9	2nd Half	748,863	1.0	2nd Half	1,232,215	1.2
Year	340,021	2.7	Year	806,005	1.0	Year	326,315	1.7	Year	1,472,341	1.5	Year	2,403,163	1.8

Year - 1996														
Urban Interstate		%	Urban Other Arterial		%	Other Urban		%	Total Urban		%	All Systems		%
Jan	26,588	2.9	Jan	63,456	1.2	Jan	25,311	1.3	Jan	115,355	1.6	Jan	181,913	1.3
Feb	25,887	2.6	Feb	60,496	1.6	Feb	24,286	2.0	Feb	110,669	1.9	Feb	175,902	2.1
Mar	0	-	Mar	0	-	Mar	0	-	Mar	0	-	Mar	0	-
Q1	52,475	2.7	Q1	123,952	1.4	Q1	49,597	1.7	Q1	226,024	1.8	Q1	357,815	1.7
Apr	0	-	Apr	0	-	Apr	0	-	Apr	0	-	Apr	0	-
May	0	-	May	0	-	May	0	-	May	0	-	May	0	-
Jun	0	-	Jun	0	-	Jun	0	-	Jun	0	-	Jun	0	-
Q2	0	-	Q2	0	-	Q2	0	-	Q2	0	-	Q2	0	-
1st Half	52,475	2.7	1st Half	123,952	1.4	1st Half	49,597	1.7	1st Half	226,024	1.8	1st Half	357,815	1.7
Jul	0	-	Jul	0	-	Jul	0	-	Jul	0	-	Jul	0	-
Aug	0	-	Aug	0	-	Aug	0	-	Aug	0	-	Aug	0	-
Sep	0	-	Sep	0	-	Sep	0	-	Sep	0	-	Sep	0	-
Q3	0	-	Q3	0	-	Q3	0	-	Q3	0	-	Q3	0	-
3 Qs	52,475	2.7	3 Qs	123,952	1.4	3 Qs	49,597	1.7	3 Qs	226,024	1.8	3 Qs	357,815	1.7
Oct	0	-	Oct	0	-	Oct	0	-	Oct	0	-	Oct	0	-
Nov	0	-	Nov	0	-	Nov	0	-	Nov	0	-	Nov	0	-
Dec	0	-	Dec	0	-	Dec	0	-	Dec	0	-	Dec	0	-
Q4	0	-	Q4	0	-	Q4	0	-	Q4	0	-	Q4	0	-
2nd Half	0	-	2nd Half	0	-	2nd Half	0	-	2nd Half	0	-	2nd Half	0	-
Year	52,475	2.7	Year	123,952	1.4	Year	49,597	1.7	Year	226,024	1.8	Year	357,815	1.7

* formerly table 9B

