

Traffic Volume Trends

Approval to Disseminate Monthly Report

Month / Year: October 2004

Number of States: 33 states submitted data and 31 were used to calculate VMT

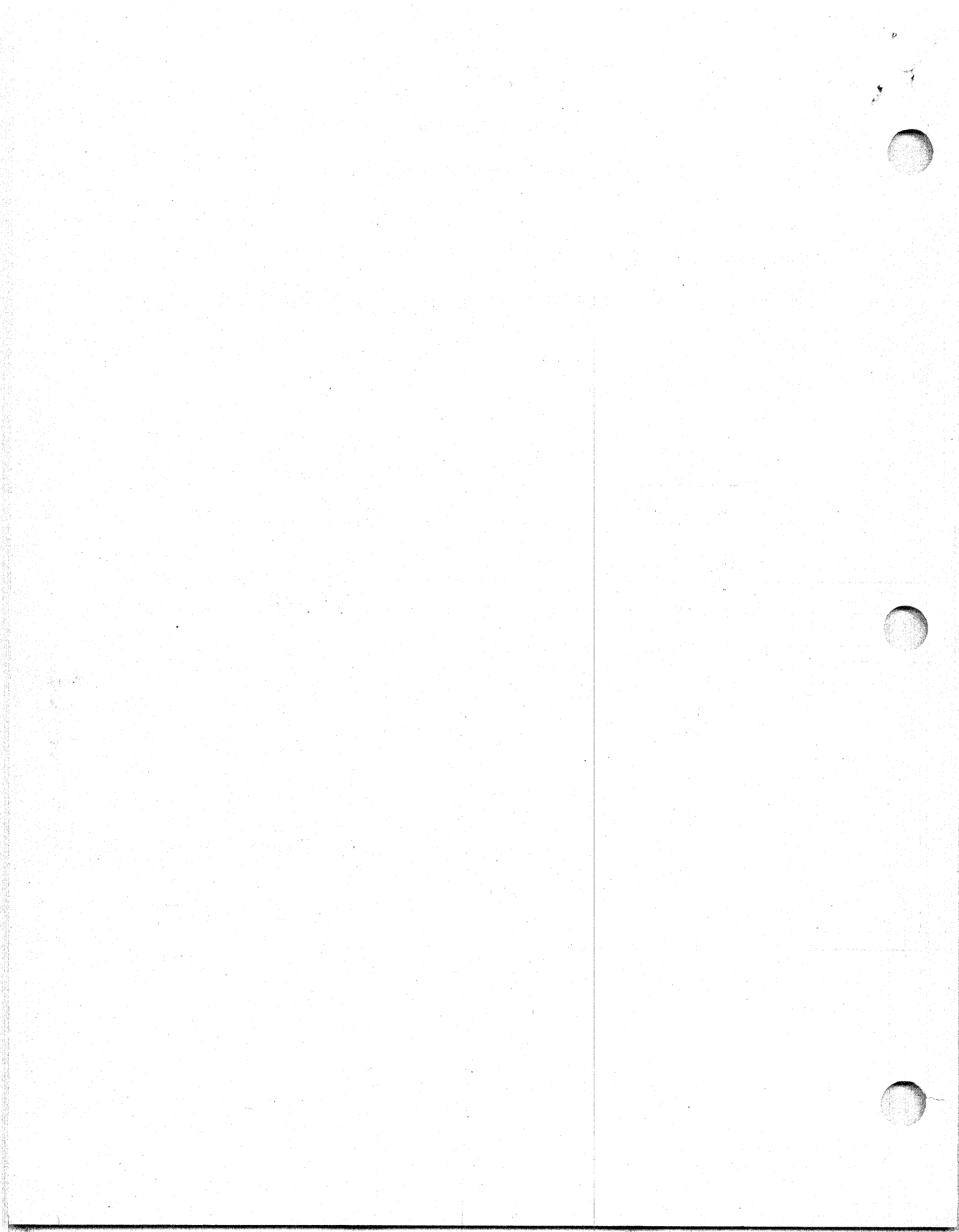
Remarks:

Approvals/Concurrences:

Signature	Date
<i>RC Gillman</i>	12/21/04
<i>H. J. ...</i>	12/23/04.
<i>[Signature]</i>	12/22/04
<i>[Signature]</i>	12/22/04

My guess is the declines are due to fuel prices ie in Midwest, fuel is up 30% over same month in 2003

[Signature]





U. S. Department
of Transportation

**Federal Highway
Administration**

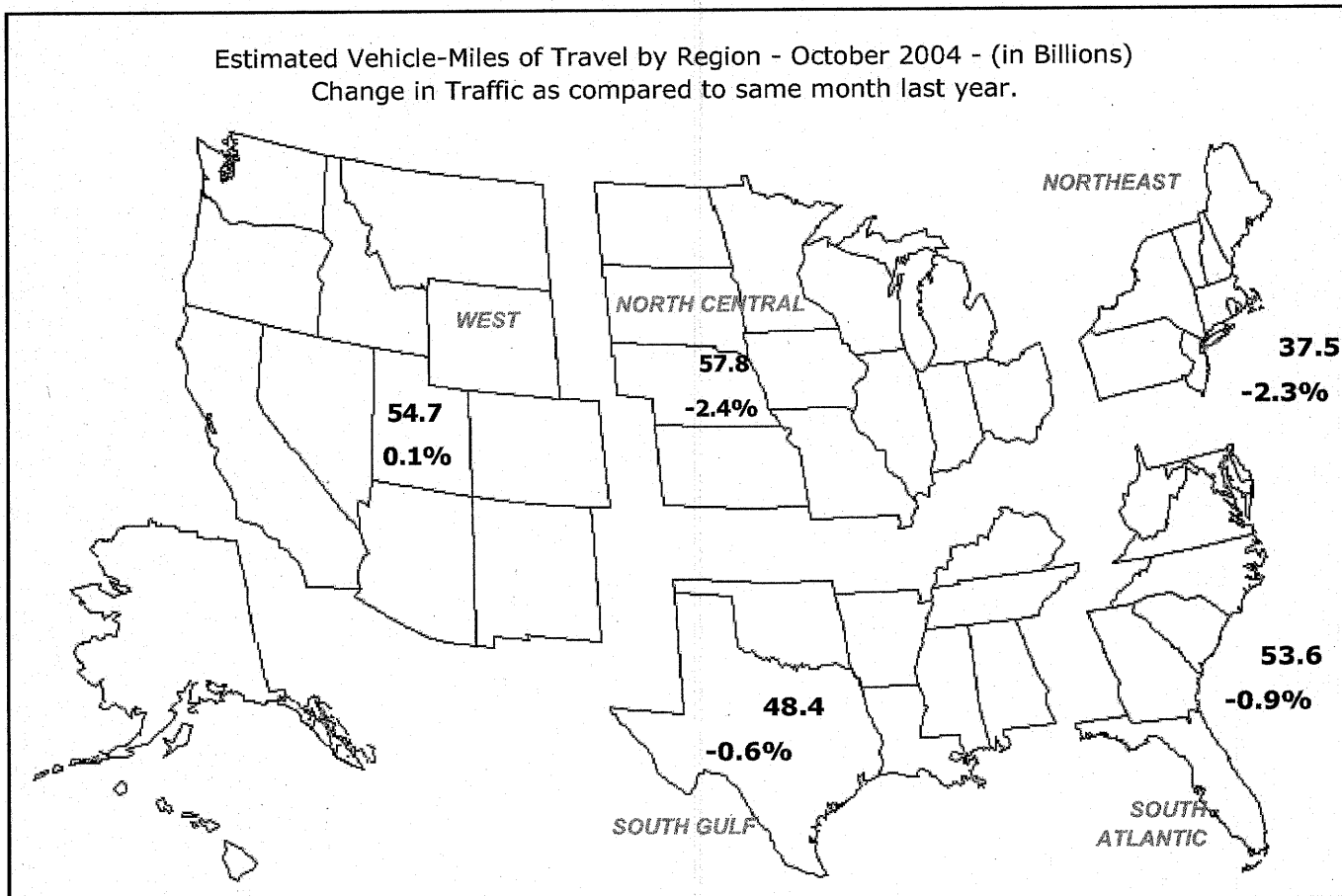
Office of Highway
Policy Information

TRAFFIC VOLUME TRENDS

October 2004

Travel on all roads and streets changed by **-1.2 percent** for October 2004 as compared with October 2003. Travel for the month is estimated to be 252.0 billion vehicle miles.

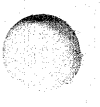
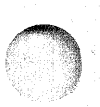
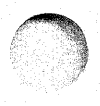
Cumulative Travel for 2004 changed by **1.0 percent**. The Cumulative estimate for the year is 2,439.3 billion vehicle miles of travel.



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 2003 Table VM-2 as a base.

Compiled with data on hand as of December 20, 2004.



Traffic Volume Trends - October 2004

Based on preliminary reports from the State Highway Agencies, travel during October 2004 on all roads and streets in the nation changed by **-1.2** percent resulting in estimated travel for the month at **252.0**** billion vehicle-miles.

This total includes **94.8** billion vehicle-miles on rural roads and **157.3** billion vehicle-miles on urban roads and streets.

Cumulative Travel changed by **1.0** percent.

Note: Annual travel has been adjusted to match the Highway Performance Monitoring System for 2003. While the adjustment to total travel was less than one percent, rural travel declined 5% and urban travel increased 4% because of this adjustment. The larger changes to rural and urban travel are primarily because of the expansion in urban boundaries reflected in the 2000 census. Travel estimates for 2004 and beyond will also reflect this adjustment.

Travel for the current month, the cumulative yearly total, as well as the moving 12-month total on all roads and streets is shown below. Similar totals for each year since 1979 are also included.

Travel in Millions of Vehicle Miles

All Roads and Streets

Year	October	Year to Date	Moving 12-Month
1979	131,619	1,282,526	1,530,811
1980	132,615	1,272,638	1,519,245
1981	133,216	1,301,044	1,549,262
1982	138,780	1,338,281	1,587,506
1983	144,044	1,385,632	1,639,831
1984	147,610	1,443,403	1,706,878
1985	154,587	1,492,306	1,765,674
1986	159,434	1,540,799	1,823,255
1987	166,836	1,613,072	1,910,513
1988	175,478	1,697,830	2,009,086
1989	182,583	1,769,776	2,097,531
1990	182,634	1,807,316	2,144,580
1991	188,445	1,829,739	2,169,924
1992	194,836	1,888,773	2,231,248
1993	197,793	1,927,555	2,285,934
1994	202,864	1,974,427	2,343,576
1995	206,745	2,035,303	2,418,464
1996	215,654	2,081,096	2,468,568
1997	221,219	2,150,629	2,551,735
1998	228,523	2,197,882	2,607,626
1999	233,631	2,236,138	2,663,619
2000	236,554	2,305,690	2,749,010
2001	241,083	2,335,871	2,777,106
2002	245,494	2,389,808	2,851,224
2003	255,076	2,415,454	2,881,154
2004	252,017	2,439,296	2,914,708

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.

** System entries may not add to give "All Systems" total due to rounding for Page 2 to 8.

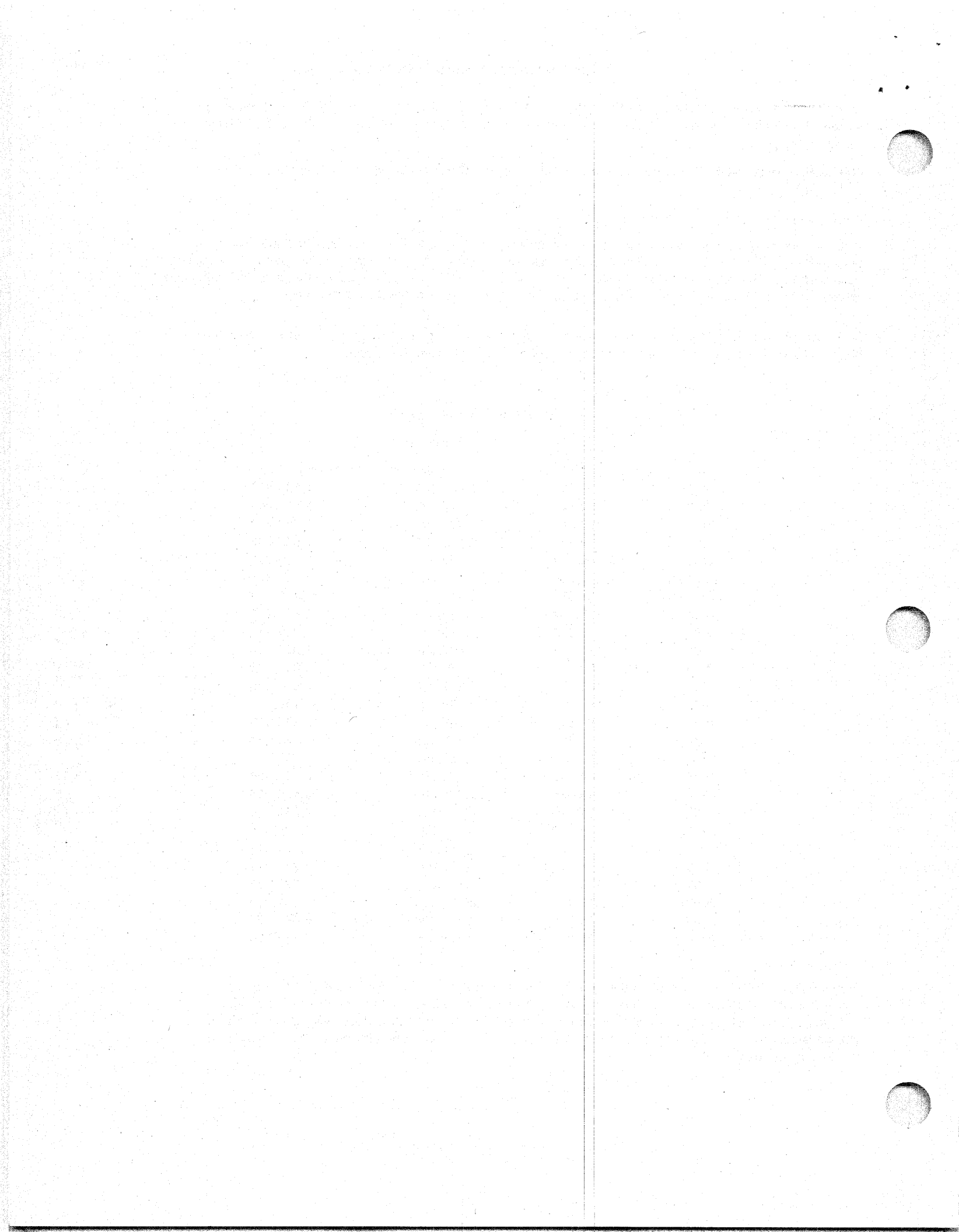


Table - 1. Estimated Individual Monthly Motor Vehicle Travel in the United States**

System	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2003 Individual Monthly Vehicle-Miles of Travel in Billions												
Rural Interstate	19.1	17.9	21.7	22.0	23.9	24.0	26.4	26.4	21.7	23.3	21.8	21.8
Rural Other Arterial	30.1	28.1	33.7	34.0	37.0	37.2	39.9	39.5	34.7	36.5	32.7	33.1
Other Rural	28.9	26.8	32.6	32.8	36.2	35.7	38.0	37.0	33.9	35.1	31.3	30.6
Urban Interstate	33.5	30.8	35.3	36.0	37.7	37.5	37.6	38.0	35.7	37.8	35.8	36.9
Urban Other Arterial	75.7	70.7	80.9	81.0	84.1	83.7	84.8	85.4	78.3	86.6	80.6	82.2
Other Urban	30.8	28.6	32.8	32.9	34.6	33.9	34.6	34.1	32.0	35.9	32.9	35.8
All Systems	218.1	203.0	237.0	238.8	253.5	252.1	261.3	260.4	236.4	255.1	235.1	240.3
2004 Individual Monthly Vehicle-Miles of Travel in Billions												
Rural Interstate	19.5	18.8	22.6	23.3	24.2	24.0	26.7	25.9	22.2	23.6		
Rural Other Arterial	30.5	29.4	35.2	35.3	37.1	37.5	40.3	39.2	35.6	36.3		
Other Rural	29.0	27.6	34.1	33.6	36.0	35.9	38.1	36.9	34.3	34.9		
Urban Interstate	33.4	31.9	37.0	37.1	38.0	38.1	37.9	37.8	35.9	37.5		
Urban Other Arterial	75.4	72.4	84.1	82.8	82.9	83.2	84.2	85.2	78.4	84.6		
Other Urban	30.9	29.4	34.5	34.2	34.6	34.4	34.7	34.1	31.9	35.1		
All Systems	218.7	209.5	247.6	246.3	252.9	253.1	261.9	259.0	238.3	252.0		
Percent Change In Individual Monthly Travel 2003 vs. 2004												
Rural Interstate	2.1	5.0	4.1	5.9	1.3	0.0	1.1	-1.9	2.3	1.3		
Rural Other Arterial	1.3	4.6	4.5	3.8	0.3	0.8	1.0	-0.8	2.6	-0.5		
Other Rural	0.3	3.0	4.6	2.4	-0.6	0.6	0.3	-0.3	1.2	-0.6		
Urban Interstate	-0.3	3.6	4.8	3.1	0.8	1.6	0.8	-0.5	0.6	-0.8		
Urban Other Arterial	-0.4	2.4	4.0	2.2	-1.4	-0.6	-0.7	-0.2	0.1	-2.3		
Other Urban	0.3	2.8	5.2	4.0	0.0	1.5	0.3	0.0	-0.3	-2.2		
All Systems	0.2	3.2	4.5	3.2	-0.2	0.4	0.2	-0.5	0.8	-1.2		

Table - 2. Estimated Cumulative Monthly Motor Vehicle Travel in the United States**

System	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2003 Cumulative Monthly Vehicle-Miles of Travel in Billions												
Rural Interstate	19.1	37.1	58.7	80.7	104.6	128.5	154.9	181.3	203.1	226.3	248.2	269.9
Rural Other Arterial	30.1	58.3	91.9	125.9	163.0	200.2	240.1	279.5	314.3	350.8	383.5	416.6
Other Rural	28.9	55.7	88.3	121.1	157.3	193.0	230.9	267.9	301.9	337.0	368.3	398.8
Urban Interstate	33.5	64.3	99.7	135.6	173.4	210.9	248.6	286.5	322.2	360.0	395.8	432.6
Urban Other Arterial	75.7	146.4	227.3	308.3	392.4	476.1	560.9	646.3	724.6	811.2	891.7	973.9
Other Urban	30.8	59.4	92.2	125.1	159.7	193.6	228.2	262.4	294.4	330.2	363.2	398.9
All Systems	218.1	421.1	658.1	896.8	1150.3	1402.3	1663.6	1924.0	2160.4	2415.5	2650.6	2890.9
2004 Cumulative Monthly Vehicle-Miles of Travel in Billions												
Rural Interstate	19.5	38.3	60.9	84.2	108.4	132.4	159.1	185.0	207.2	230.7		
Rural Other Arterial	30.5	59.9	95.1	130.4	167.5	205.0	245.4	284.6	320.1	356.5		
Other Rural	29.0	56.6	90.8	124.4	160.4	196.3	234.4	271.3	305.6	340.4		
Urban Interstate	33.4	65.2	102.3	139.4	177.4	215.5	253.4	291.2	327.1	364.7		
Urban Other Arterial	75.4	147.8	231.9	314.7	397.5	480.7	564.9	650.1	728.5	813.1		
Other Urban	30.9	60.4	94.9	129.1	163.7	198.1	232.8	266.9	298.8	333.9		
All Systems	218.7	428.2	675.8	922.1	1175.0	1428.1	1690.0	1949.0	2187.3	2439.3		
Percent Change In Cumulative Monthly Travel 2003 vs. 2004												
Rural Interstate	2.1	3.2	3.7	4.3	3.6	3.0	2.7	2.0	2.0	1.9		
Rural Other Arterial	1.3	2.7	3.5	3.6	2.8	2.4	2.2	1.8	1.8	1.6		
Other Rural	0.3	1.6	2.8	2.7	2.0	1.7	1.5	1.3	1.2	1.0		
Urban Interstate	-0.3	1.4	2.6	2.8	2.3	2.2	1.9	1.6	1.5	1.3		
Urban Other Arterial	-0.4	1.0	2.0	2.1	1.3	1.0	0.7	0.6	0.5	0.2		
Other Urban	0.3	1.7	2.9	3.2	2.5	2.3	2.0	1.7	1.5	1.1		
All Systems	0.2	1.7	2.7	2.8	2.1	1.8	1.6	1.3	1.2	1.0		

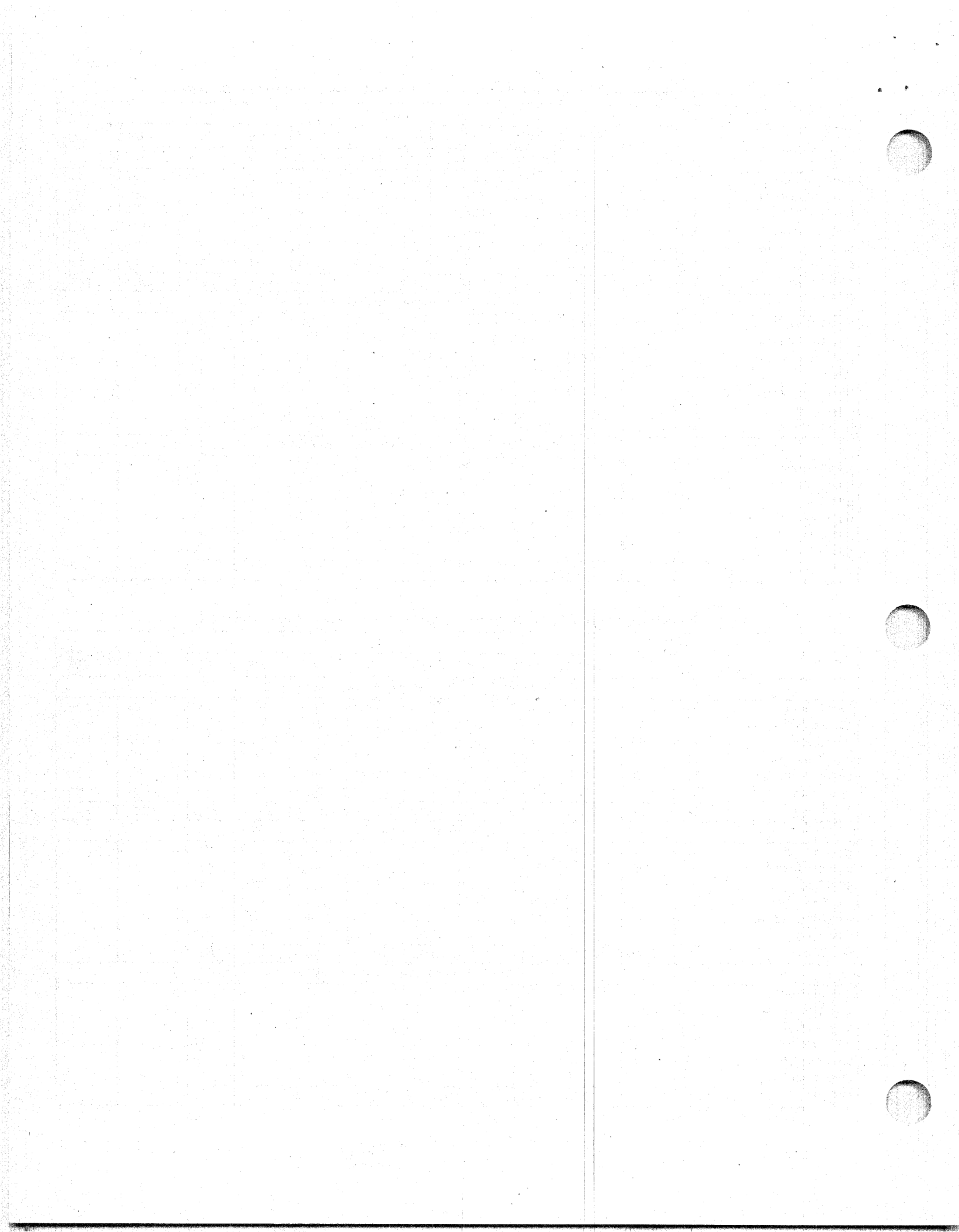


Table - 3. Changes on Rural Arterial Roads by Region and State**

Region and State	October				September			
	Number of Stations	Vehicle-Miles (Millions)		Percent Change	Number of Stations	Vehicle-Miles (Millions)		Percent Change
		2004 (Preliminary)	2003			2004 (Revised)	2003	
Northeast								
Connecticut	5	182	183	-0.4	4	173	170	1.8
Maine	-	564	564	0.2	-	530	514	3.1
Massachusetts	-	151	151	-0.1	-	212	205	3.3
New Hampshire	40	470	468	0.4	36	462	448	3.2
New Jersey	4	359	357	0.6	6	410	385	6.3
New York	-	1,659	1,672	-0.8	-	1,681	1,647	2.0
Pennsylvania	31	2,310	2,333	-1.0	31	2,263	2,236	1.2
Rhode Island	-	51	51	-0.8	-	74	72	2.6
Vermont	22	280	281	-0.3	22	268	260	2.9
		6,026	6,060	-0.6		6,073	5,937	2.3
South Atlantic								
Delaware	20	219	213	2.6	20	241	219	10.4
District of Columbia	-	0	0	0.0	-	0	0	0.0
Florida	-	2,941	2,890	1.8	88	2,621	2,583	1.5
Georgia	10	2,480	2,448	1.3	6	2,040	2,122	-3.9
Maryland	19	571	570	0.2	18	1,002	953	5.2
North Carolina	-	2,268	2,250	0.8	-	2,067	2,056	0.6
South Carolina	-	1,744	1,721	1.3	-	1,597	1,664	-4.0
Virginia	87	1,871	1,863	0.4	87	1,731	1,664	4.1
West Virginia	16	807	819	-1.4	12	869	845	2.9
		12,901	12,774	1.0		12,168	12,106	0.5
North Central								
Illinois	7	1,813	1,817	-0.2	11	1,787	1,695	5.4
Indiana	18	1,778	1,763	0.9	17	1,566	1,519	3.1
Iowa	69	1,179	1,181	-0.2	69	1,190	1,145	3.8
Kansas	56	917	930	-1.3	55	885	861	2.8
Michigan	49	1,594	1,613	-1.2	47	1,641	1,566	4.8
Minnesota	-	1,526	1,538	-0.8	11	1,471	1,469	0.1
Missouri	-	1,604	1,612	-0.5	71	1,965	1,873	5.0
Nebraska	-	764	769	-0.6	32	777	740	5.0
North Dakota	31	335	337	-0.5	30	309	303	2.0
Ohio	45	1,794	1,823	-1.6	43	1,754	1,752	0.1
South Dakota	30	406	415	-2.0	30	408	413	-1.1
Wisconsin	-	1,848	1,867	-1.0	-	1,829	1,761	3.9
		15,558	15,665	-0.7		15,582	15,097	3.2
South Gulf								
Alabama	49	1,442	1,413	2.0	-	1,359	1,351	0.6
Arkansas	-	1,074	1,072	0.2	-	1,093	1,070	2.2
Kentucky	48	1,384	1,415	-2.2	58	1,313	1,329	-1.2
Louisiana	18	1,158	1,196	-3.2	13	1,013	1,151	-12.0
Mississippi	31	1,107	1,097	0.9	33	1,098	1,047	4.9
Oklahoma	-	1,163	1,157	0.6	-	1,162	1,117	4.0
Tennessee	-	1,625	1,614	0.7	12	1,587	1,552	2.3
Texas	60	4,413	4,374	0.9	58	4,266	4,098	4.1
		13,366	13,338	0.2		12,891	12,715	1.4
West								
Alaska	27	105	107	-2.3	-	113	108	4.0
Arizona	-	994	973	2.1	-	867	825	5.2
California	27	4,679	4,591	1.9	226	3,952	3,779	4.6
Colorado	29	843	837	0.8	29	816	790	3.3
Hawaii	2	168	162	3.6	2	207	197	5.3
Idaho	78	462	463	-0.1	79	475	462	2.7
Montana	65	544	548	-0.8	67	206	204	1.0
Nevada	20	364	367	-0.9	22	374	359	4.2
New Mexico	-	837	830	0.8	-	803	772	4.1
Oregon	-	1,057	1,043	1.4	67	1,078	1,068	1.0
Utah	42	552	551	0.1	42	579	549	5.4
Washington	-	1,028	1,030	-0.2	64	1,122	1,098	2.2
Wyoming	-	412	413	-0.3	-	421	409	3.0
		12,045	11,915	1.1		11,013	10,620	3.7
TOTALS	1,055	59,896	59,752	0.2	1,518	57,727	56,475	2.2

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

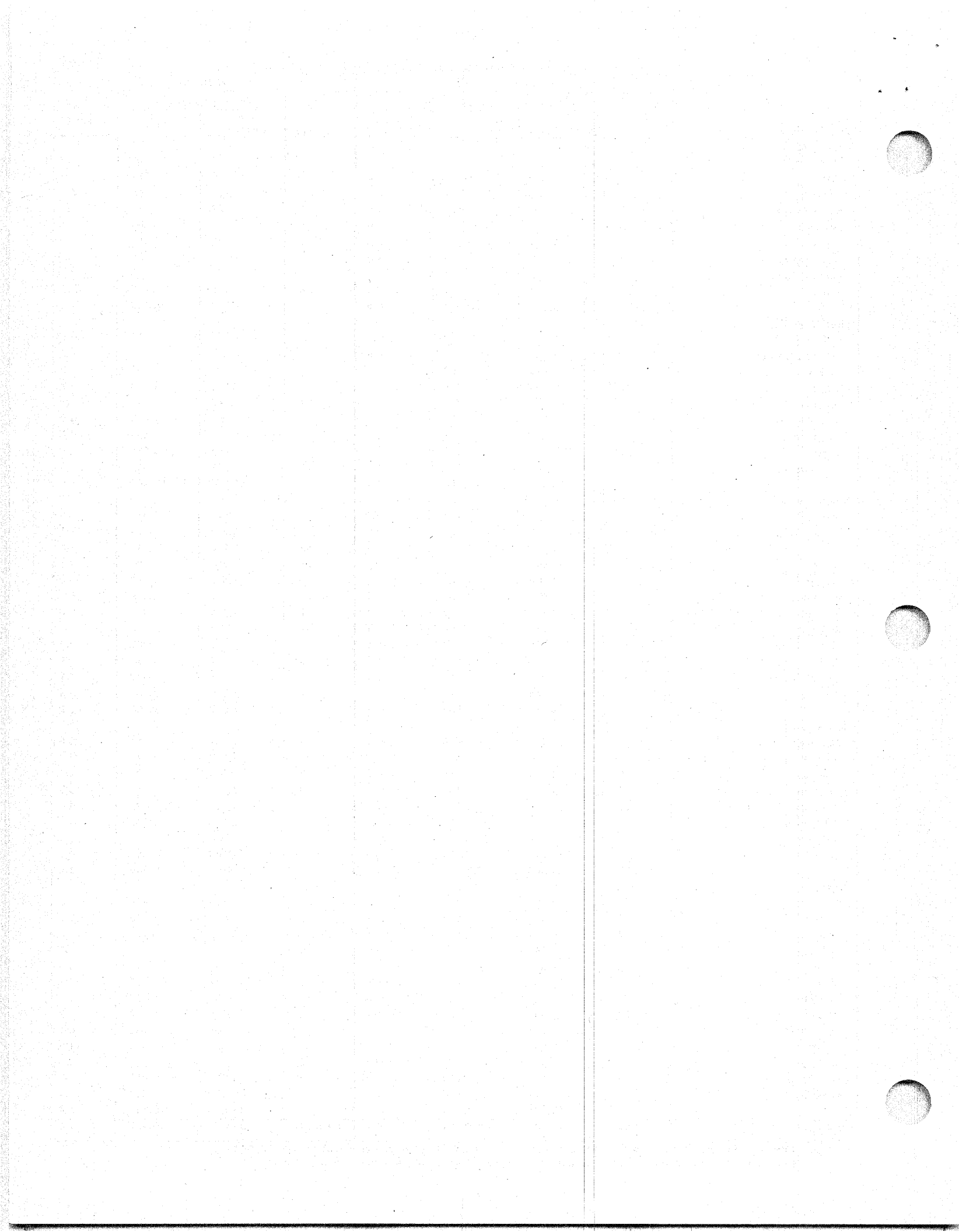


Table - 4. Changes on Urban Arterial Roads by Region and State**

Region and State	October				September			
	Number of Stations	Vehicle-Miles (Millions)		Percent Change	Number of Stations	Vehicle-Miles (Millions)		Percent Change
		2004 (Preliminary)	2003			2004 (Revised)	2003	
Northeast								
Connecticut	17	1,992	1,981	0.5	11	1,906	1,877	1.6
Maine	-	262	262	-0.1	-	230	227	1.4
Massachusetts	-	3,530	3,521	0.3	-	3,334	3,291	1.3
New Hampshire	26	384	383	0.4	25	366	360	1.5
New Jersey	25	4,225	4,417	-4.3	30	4,306	4,350	-1.0
New York	-	6,106	6,472	-5.7	-	6,181	6,310	-2.0
Pennsylvania	17	4,187	4,473	-6.4	17	4,368	4,486	-2.6
Rhode Island	-	410	409	0.3	-	765	754	1.5
Vermont	6	116	117	-1.1	6	110	108	1.6
		21,212	22,035	-3.7		21,566	21,763	-0.9
South Atlantic								
Delaware	15	324	325	-0.3	16	326	316	3.1
District of Columbia	-	232	237	-2.3	-	222	216	2.8
Florida	-	7,363	7,454	-1.2	65	6,354	6,758	-6.0
Georgia	19	3,847	3,908	-1.6	17	3,409	3,452	-1.3
Maryland	20	3,597	3,662	-1.8	21	2,395	2,395	0.0
North Carolina	-	2,756	2,812	-2.0	-	2,634	2,603	1.2
South Carolina	-	1,147	1,166	-1.6	-	1,127	1,146	-1.7
Virginia	99	3,374	3,461	-2.5	100	3,248	3,094	5.0
West Virginia	7	438	448	-2.2	6	368	369	-0.3
		23,078	23,473	-1.7		20,083	20,349	-1.3
North Central								
Illinois	9	4,945	5,121	-3.4	8	4,906	4,791	2.4
Indiana	17	2,204	2,323	-5.2	18	2,227	2,310	-3.6
Iowa	29	808	815	-0.9	29	792	780	1.5
Kansas	7	903	923	-2.2	7	850	851	-0.1
Michigan	38	4,839	4,948	-2.2	39	4,547	4,501	1.0
Minnesota	-	1,956	1,973	-0.8	4	1,832	1,842	-0.5
Missouri	-	2,103	2,152	-2.3	51	2,341	2,364	-1.0
Nebraska	-	539	530	1.8	10	496	495	0.2
North Dakota	9	144	142	1.1	8	112	111	0.6
Ohio	72	4,512	4,690	-3.8	76	4,511	4,409	2.3
South Dakota	7	135	140	-3.7	7	131	137	-4.6
Wisconsin	-	1,827	1,879	-2.8	-	1,816	1,793	1.3
		24,915	25,636	-2.8		24,561	24,384	0.7
South Gulf								
Alabama	23	1,683	1,686	-0.2	-	1,541	1,595	-3.4
Arkansas	-	818	823	-0.6	-	760	753	0.9
Kentucky	21	1,458	1,499	-2.8	33	1,360	1,357	0.2
Louisiana	9	1,569	1,559	0.6	6	1,408	1,433	-1.7
Mississippi	17	880	905	-2.7	13	855	853	0.2
Oklahoma	-	1,684	1,699	-0.9	-	1,561	1,539	1.4
Tennessee	-	2,835	2,890	-1.9	7	2,784	2,780	0.1
Texas	33	10,702	10,752	-0.5	33	10,488	10,249	2.3
		21,629	21,813	-0.8		20,757	20,559	1.0
West								
Alaska	38	172	176	-2.4	-	166	163	1.5
Arizona	-	2,300	2,316	-0.7	-	2,004	1,970	1.7
California	30	19,146	19,282	-0.7	316	16,032	15,809	1.4
Colorado	5	2,356	2,256	4.5	5	2,080	1,979	5.1
Hawaii	1	388	375	3.5	1	547	528	3.5
Idaho	49	353	358	-1.5	48	353	353	0.1
Montana	-	189	190	-0.7	-	48	48	1.1
Nevada	13	872	862	1.2	15	820	790	3.9
New Mexico	-	666	655	1.5	-	637	610	4.5
Oregon	-	1,195	1,200	-0.4	15	1,091	1,088	0.3
Utah	28	942	972	-3.0	28	914	912	0.1
Washington	-	2,606	2,629	-0.9	46	2,583	2,562	0.8
Wyoming	-	118	116	1.7	-	111	108	2.7
		31,303	31,387	-0.3		27,386	26,920	1.7
TOTALS	706	122,137	124,344	-1.8	1,137	114,353	113,975	0.3

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

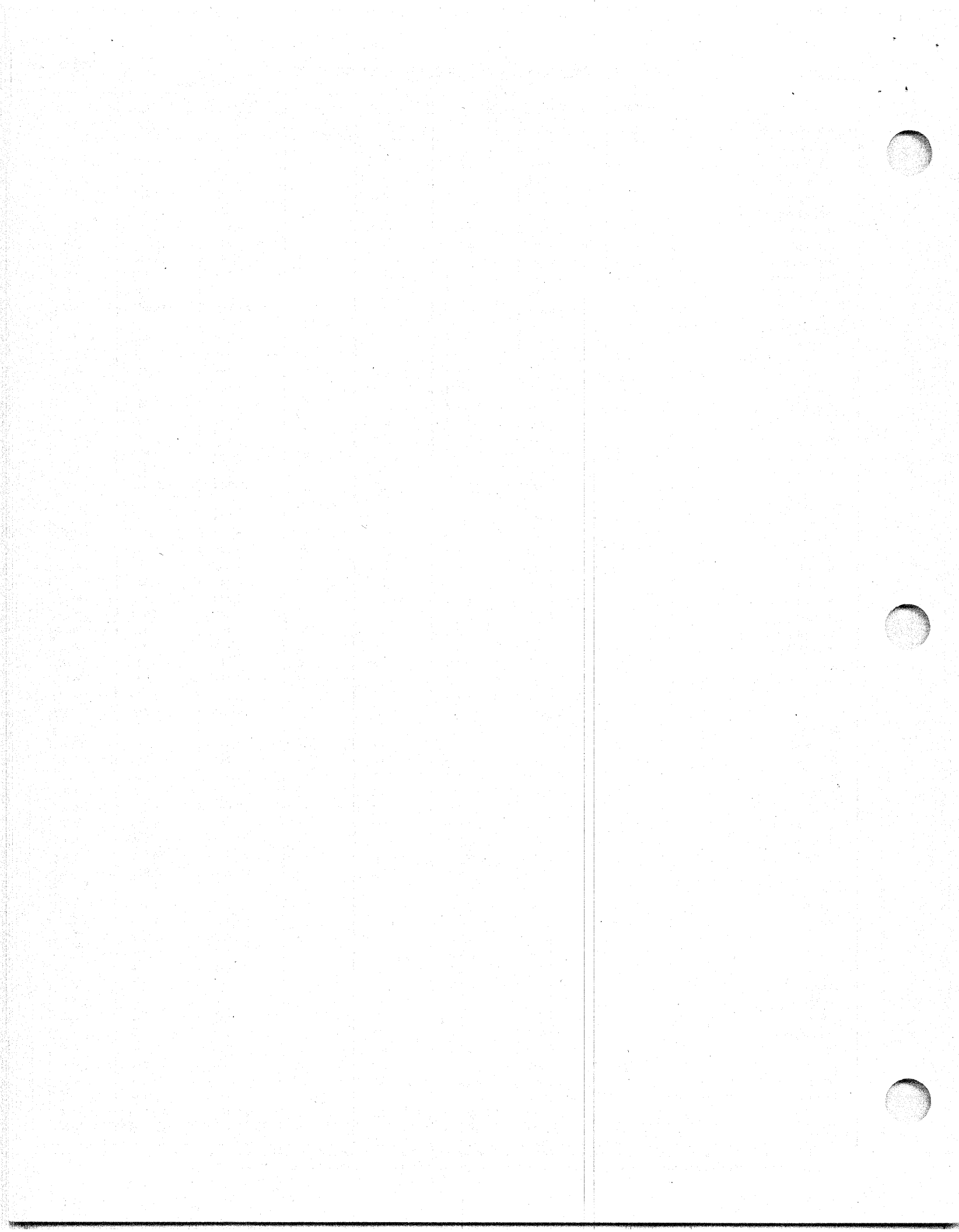


Table - 5. Changes on ALL* Estimated Roads by Region and State**

Region and State	October				September			
	Number of Stations	Vehicle-Miles (Millions)		Percent Change	Number of Stations	Vehicle-Miles (Millions)		Percent Change
		2004 (Preliminary)	2003			2004 (Revised)	2003	
Northeast								
Connecticut	24	2,848	2,836	0.4	17	2,712	2,672	1.5
Maine	-	1,337	1,332	0.3	-	1,246	1,212	2.8
Massachusetts	-	4,736	4,724	0.3	-	4,484	4,417	1.5
New Hampshire	68	1,179	1,171	0.7	65	1,155	1,123	2.8
New Jersey	32	5,924	6,151	-3.7	40	6,207	6,286	-1.3
New York	-	11,200	11,608	-3.5	-	11,454	11,515	-0.5
Pennsylvania	63	9,090	9,392	-3.2	63	9,073	9,084	-0.1
Rhode Island	-	552	551	0.2	-	994	979	1.5
Vermont	33	672	675	-0.5	33	599	585	2.4
		37,538	38,440	-2.3		37,924	37,873	0.1
South Atlantic								
Delaware	54	806	799	0.9	54	837	787	6.3
District of Columbia	-	436	443	-1.7	-	303	294	3.0
Florida	-	16,124	16,272	-0.9	160	13,739	14,505	-5.3
Georgia	44	9,849	9,909	-0.6	37	8,367	8,586	-2.6
Maryland	41	5,114	5,184	-1.4	40	4,344	4,241	2.4
North Carolina	-	8,533	8,661	-1.5	-	7,808	7,776	0.4
South Carolina	-	3,988	4,006	-0.4	-	3,796	3,908	-2.9
Virginia	203	6,876	6,911	-0.5	204	6,513	6,173	5.5
West Virginia	35	1,856	1,893	-1.9	29	1,828	1,808	1.1
		53,582	54,078	-0.9		47,535	48,078	-1.1
North Central								
Illinois	17	9,198	9,475	-2.9	20	9,062	8,773	3.3
Indiana	44	6,364	6,467	-1.6	46	6,239	6,263	-0.4
Iowa	125	2,788	2,841	-1.9	125	2,743	2,681	2.3
Kansas	73	2,418	2,501	-3.3	72	2,338	2,342	-0.2
Michigan	92	8,849	9,071	-2.4	91	8,182	8,077	1.3
Minnesota	-	4,845	4,915	-1.4	17	4,705	4,680	0.5
Missouri	-	5,506	5,659	-2.7	128	6,288	6,187	1.6
Nebraska	-	1,722	1,730	-0.4	52	1,666	1,619	2.9
North Dakota	44	731	730	0.1	42	617	612	0.9
Ohio	130	9,542	9,859	-3.2	132	9,285	9,217	0.7
South Dakota	44	717	733	-2.2	44	732	736	-0.6
Wisconsin	-	5,142	5,273	-2.5	-	5,117	4,999	2.4
		57,822	59,254	-2.4		56,974	56,186	1.4
South Gulf								
Alabama	78	5,094	5,002	1.8	-	4,638	4,744	-2.2
Arkansas	-	2,671	2,684	-0.5	-	2,609	2,562	1.8
Kentucky	97	4,078	4,201	-2.9	121	3,864	3,897	-0.8
Louisiana	33	3,860	3,922	-1.6	22	3,536	3,685	-4.0
Mississippi	51	3,196	3,250	-1.7	49	3,042	2,961	2.7
Oklahoma	-	4,091	4,118	-0.7	-	4,021	3,929	2.3
Tennessee	-	6,009	6,076	-1.1	22	6,017	5,971	0.8
Texas	111	19,408	19,433	-0.1	108	19,057	18,563	2.7
		48,407	48,686	-0.6		46,784	46,312	1.0
West								
Alaska	72	431	439	-1.8	-	426	416	2.3
Arizona	-	4,751	4,751	0.0	-	3,829	3,730	2.7
California	57	28,098	28,155	-0.2	561	24,049	23,560	2.1
Colorado	34	4,005	3,871	3.5	34	3,687	3,525	4.6
Hawaii	3	889	859	3.5	3	1,119	1,076	4.0
Idaho	139	1,237	1,245	-0.6	138	1,259	1,233	2.1
Montana	76	1,030	1,038	-0.7	78	357	354	1.1
Nevada	37	1,631	1,620	0.7	41	1,543	1,481	4.2
New Mexico	-	1,962	1,943	1.0	-	2,000	1,925	3.9
Oregon	-	3,038	3,029	0.3	87	3,061	3,025	1.2
Utah	75	2,077	2,117	-1.9	75	2,053	2,010	2.1
Washington	-	4,723	4,755	-0.7	116	4,882	4,830	1.1
Wyoming	-	797	795	0.3	-	790	767	3.0
		54,669	54,617	0.1		49,055	47,932	2.3
TOTALS	2,029	252,017	255,076	-1.2	2,966	238,269	236,377	0.8

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

* All Estimated roads include travel from Table 3 and 4 plus remaining roads and streets.

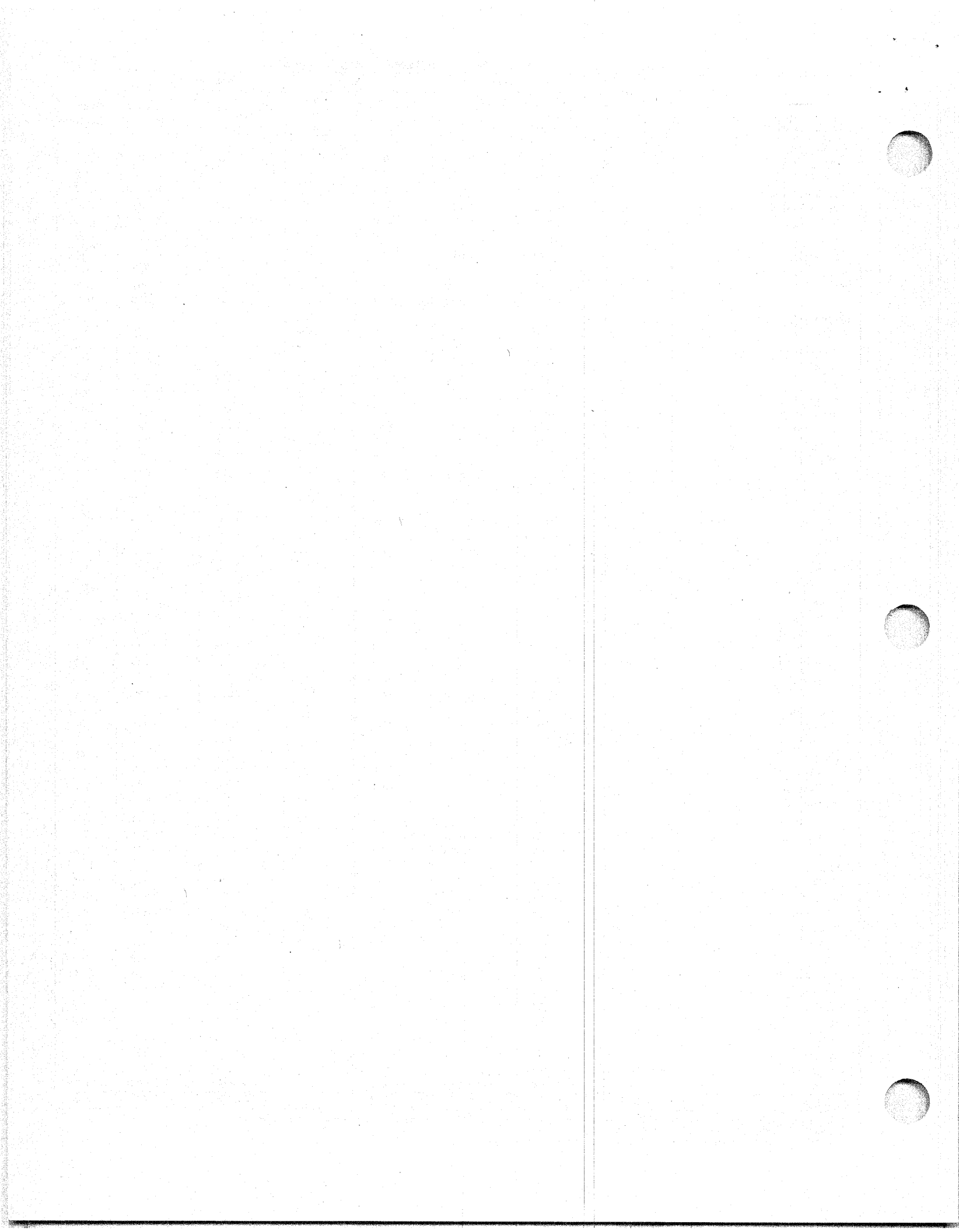


Table - 6. Estimated Rural Vehicle Miles (Millions) and Percent Change from Same Period Previous Year**

Year - 2003														
	Rural Interstate	%	Rural Other Arterial	%	Other Rural	%	Total Rural	%	All Systems	%				
Jan	19,137	-2.9	Jan	30,146	-3.4	Jan	28,896	-5.3	Jan	78,179	-4.0	Jan	218,139	1.5
Feb	17,918	-7.6	Feb	28,145	-7.9	Feb	26,793	-7.6	Feb	72,857	-7.7	Feb	202,955	-2.3
Mar	21,654	-6.7	Mar	33,654	-4.8	Mar	32,589	-4.1	Mar	87,897	-5.0	Mar	236,965	0.1
Q1	58,709	-5.8	Q1	91,945	-5.3	Q1	88,278	-5.6	Q1	238,933	-5.5	Q1	658,059	-0.2
Apr	22,011	-2.6	Apr	34,000	-4.7	Apr	32,800	-3.6	Apr	88,810	-3.8	Apr	238,756	0.8
May	23,852	-4.1	May	37,029	-4.6	May	36,185	-3.2	May	97,066	-4.0	May	253,466	0.5
Jun	23,972	-3.6	Jun	37,250	-3.7	Jun	35,692	-2.4	Jun	96,914	-3.2	Jun	252,067	1.6
Q2	69,835	-3.5	Q2	108,278	-4.3	Q2	104,677	-3.1	Q2	282,790	-3.7	Q2	744,289	1.0
1st Half	128,544	-4.5	1st Half	200,223	-4.8	1st Half	192,956	-4.2	1st Half	521,723	-4.5	1st Half	1,402,348	0.4
Jul	26,383	-2.5	Jul	39,857	-2.5	Jul	37,961	-0.9	Jul	104,201	-1.9	Jul	261,301	2.1
Aug	26,395	-2.2	Aug	39,464	-3.2	Aug	37,013	-2.3	Aug	102,871	-2.6	Aug	260,352	0.6
Sep	21,731	-4.3	Sep	34,744	-3.7	Sep	33,933	-2.2	Sep	90,408	-3.3	Sep	236,377	1.4
Q3	74,508	-2.9	Q3	114,066	-3.1	Q3	108,907	-1.8	Q3	297,481	-2.6	Q3	758,030	1.4
Oct	23,270	-1.6	Oct	36,479	-2.0	Oct	35,098	-1.9	Oct	94,848	-1.9	Oct	255,076	3.9
Nov	21,839	-1.9	Nov	32,749	-4.5	Nov	31,291	-4.6	Nov	85,879	-3.9	Nov	235,114	1.7
Dec	21,783	-6.5	Dec	33,079	-3.8	Dec	30,578	-4.3	Dec	85,440	-4.7	Dec	240,298	2.4
Q4	66,893	-3.3	Q4	102,307	-3.4	Q4	96,968	-3.5	Q4	266,167	-3.4	Q4	730,488	2.7
2nd Half	141,401	-3.1	2nd Half	216,373	-3.2	2nd Half	205,874	-2.6	2nd Half	563,648	-3.0	2nd Half	1,488,518	2.0
Year	269,945	-3.8	Year	416,596	-4.0	Year	398,830	-3.4	Year	1,085,371	-3.7	Year	2,890,866	1.2

Year - 2004														
	Rural Interstate	%	Rural Other Arterial	%	Other Rural	%	Total Rural	%	All Systems	%				
Jan	19,458	1.7	Jan	30,484	1.1	Jan	29,026	0.4	Jan	78,968	1.0	Jan	218,667	0.2
Feb	18,819	5.0	Feb	29,405	4.5	Feb	27,613	3.1	Feb	75,837	4.1	Feb	209,525	3.2
Mar	22,619	4.5	Mar	35,197	4.6	Mar	34,125	4.7	Mar	91,941	4.6	Mar	247,611	4.5
Q1	60,896	3.7	Q1	95,086	3.4	Q1	90,765	2.8	Q1	246,747	3.3	Q1	675,803	2.7
Apr	23,282	5.8	Apr	35,324	3.9	Apr	33,622	2.5	Apr	92,227	3.8	Apr	246,316	3.2
May	24,221	1.5	May	37,105	0.2	May	36,043	-0.4	May	97,369	0.3	May	252,850	-0.2
Jun	24,027	0.2	Jun	37,508	0.7	Jun	35,893	0.6	Jun	97,427	0.5	Jun	253,124	0.4
Q2	71,529	2.4	Q2	109,937	1.5	Q2	105,557	0.8	Q2	287,023	1.5	Q2	752,291	1.1
1st Half	132,425	3.0	1st Half	205,023	2.4	1st Half	196,322	1.7	1st Half	533,770	2.3	1st Half	1,428,093	1.8
Jul	26,699	1.2	Jul	40,338	1.2	Jul	38,069	0.3	Jul	105,106	0.9	Jul	261,939	0.2
Aug	25,863	-2.0	Aug	39,212	-0.6	Aug	36,878	-0.4	Aug	101,953	-0.9	Aug	258,977	-0.5
Sep	22,179	2.1	Sep	35,552	2.3	Sep	34,302	1.1	Sep	92,034	1.8	Sep	238,269	0.8
Q3	74,742	0.3	Q3	115,102	0.9	Q3	109,249	0.3	Q3	299,093	0.5	Q3	759,185	0.2
Oct	23,557	1.2	Oct	36,336	-0.4	Oct	34,868	-0.7	Oct	94,762	-0.1	Oct	252,017	-1.2
Nov			Nov			Nov			Nov			Nov		
Dec			Dec			Dec			Dec			Dec		
Q4	23,557	1.2	Q4	36,336	-0.4	Q4	34,868	-0.7	Q4	94,762	-0.1	Q4	252,017	-1.2
2nd Half	98,299	0.5	2nd Half	151,438	0.6	2nd Half	144,117	0.1	2nd Half	393,855	0.4	2nd Half	1,011,203	-0.2
Year	230,725	1.9	Year	356,461	1.6	Year	340,439	1.0	Year	927,625	1.5	Year	2,439,296	1.0

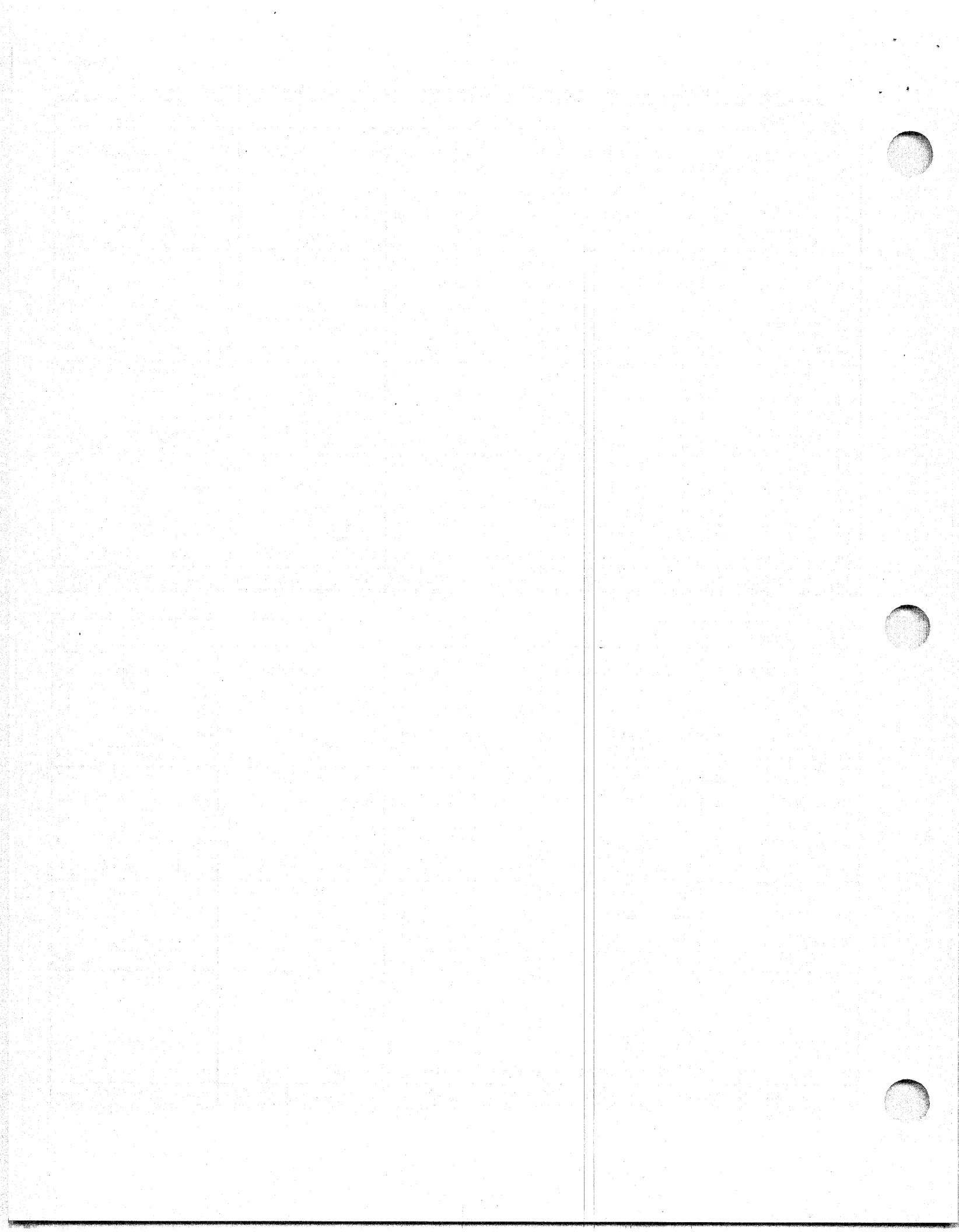


Table - 7. Estimated Urban Vehicle Miles (Millions) and Percent Change from Same Period Previous Year**

Year - 2003														
Urban Interstate		%	Urban Other Arterial		%	Other Urban		%	Total Urban		%	All Systems		%
Jan	33,500	6.8	Jan	75,667	4.1	Jan	30,793	4.7	Jan	139,960	4.9	Jan	218,139	1.5
Feb	30,840	2.3	Feb	70,687	0.7	Feb	28,571	0.8	Feb	130,099	1.1	Feb	202,955	-2.3
Mar	35,333	4.6	Mar	80,942	3.1	Mar	32,793	2.8	Mar	149,068	3.4	Mar	236,965	0.1
Q1	99,673	4.6	Q1	227,296	2.7	Q1	92,157	2.8	Q1	419,126	3.1	Q1	658,059	-0.2
Apr	35,969	5.8	Apr	81,040	3.2	Apr	32,937	2.8	Apr	149,946	3.7	Apr	238,756	0.8
May	37,744	5.0	May	84,089	3.0	May	34,568	3.0	May	156,400	3.5	May	253,466	0.5
Jun	37,550	5.7	Jun	83,671	4.7	Jun	33,932	4.4	Jun	155,153	4.9	Jun	252,067	1.6
Q2	111,262	5.5	Q2	248,799	3.6	Q2	101,438	3.4	Q2	461,499	4.0	Q2	744,289	1.0
1st Half	210,935	5.1	1st Half	476,095	3.2	1st Half	193,595	3.1	1st Half	880,625	3.6	1st Half	1,402,348	0.4
Jul	37,642	5.7	Jul	84,817	4.6	Jul	34,640	4.8	Jul	157,099	4.9	Jul	261,301	2.1
Aug	37,957	3.9	Aug	85,398	2.7	Aug	34,127	2.2	Aug	157,481	2.9	Aug	260,352	0.6
Sep	35,674	6.4	Sep	78,303	3.9	Sep	31,992	4.1	Sep	145,969	4.6	Sep	236,377	1.4
Q3	111,272	5.3	Q3	248,518	3.7	Q3	100,759	3.7	Q3	460,549	4.1	Q3	758,030	1.4
Oct	37,790	7.9	Oct	86,557	6.6	Oct	35,881	10.1	Oct	160,228	7.6	Oct	255,076	3.9
Nov	35,755	7.0	Nov	80,551	3.9	Nov	32,928	7.1	Nov	149,235	5.3	Nov	235,114	1.7
Dec	36,878	7.5	Dec	82,213	5.4	Dec	35,768	9.4	Dec	154,858	6.8	Dec	240,298	2.4
Q4	110,423	7.5	Q4	249,322	5.3	Q4	104,577	8.9	Q4	464,321	6.6	Q4	730,488	2.7
2nd Half	221,695	6.4	2nd Half	497,840	4.5	2nd Half	205,336	6.3	2nd Half	924,870	5.3	2nd Half	1,488,518	2.0
Year	432,630	5.7	Year	973,935	3.8	Year	398,931	4.7	Year	1,805,495	4.5	Year	2,890,866	1.2

Year - 2004														
Urban Interstate		%	Urban Other Arterial		%	Other Urban		%	Total Urban		%	All Systems		%
Jan	33,385	-0.3	Jan	75,367	-0.4	Jan	30,947	0.5	Jan	139,698	-0.2	Jan	218,667	0.2
Feb	31,851	3.3	Feb	72,397	2.4	Feb	29,440	3.0	Feb	133,688	2.8	Feb	209,525	3.2
Mar	37,040	4.8	Mar	84,112	3.9	Mar	34,518	5.3	Mar	155,670	4.4	Mar	247,611	4.5
Q1	102,276	2.6	Q1	231,876	2.0	Q1	94,904	3.0	Q1	429,056	2.4	Q1	675,803	2.7
Apr	37,087	3.1	Apr	82,795	2.2	Apr	34,206	3.9	Apr	154,089	2.8	Apr	246,316	3.2
May	38,004	0.7	May	82,876	-1.4	May	34,602	0.1	May	155,481	-0.6	May	252,850	-0.2
Jun	38,129	1.5	Jun	83,182	-0.6	Jun	34,385	1.3	Jun	155,697	0.4	Jun	253,124	0.4
Q2	113,221	1.8	Q2	248,854	0.0	Q2	103,193	1.7	Q2	465,267	0.8	Q2	752,291	1.1
1st Half	215,497	2.2	1st Half	480,729	1.0	1st Half	198,097	2.3	1st Half	894,323	1.6	1st Half	1,428,093	1.8
Jul	37,943	0.8	Jul	84,202	-0.7	Jul	34,687	0.1	Jul	156,833	-0.2	Jul	261,939	0.2
Aug	37,764	-0.5	Aug	85,173	-0.3	Aug	34,087	-0.1	Aug	157,024	-0.3	Aug	258,977	-0.5
Sep	35,908	0.7	Sep	78,442	0.2	Sep	31,885	-0.3	Sep	146,236	0.2	Sep	238,269	0.8
Q3	111,616	0.3	Q3	247,818	-0.3	Q3	100,659	-0.1	Q3	460,093	-0.1	Q3	759,185	0.2
Oct	37,550	-0.6	Oct	84,585	-2.3	Oct	35,121	-2.1	Oct	157,255	-1.9	Oct	252,017	-1.2
Nov			Nov			Nov			Nov			Nov		
Dec			Dec			Dec			Dec			Dec		
Q4	37,550	-0.6	Q4	84,585	-2.3	Q4	35,121	-2.1	Q4	157,255	-1.9	Q4	252,017	-1.2
2nd Half	149,165	0.1	2nd Half	332,403	-0.8	2nd Half	135,780	-0.6	2nd Half	617,348	-0.6	2nd Half	1,011,203	-0.2
Year	364,662	1.3	Year	813,132	0.2	Year	333,877	1.1	Year	1,511,671	0.7	Year	2,439,296	1.0

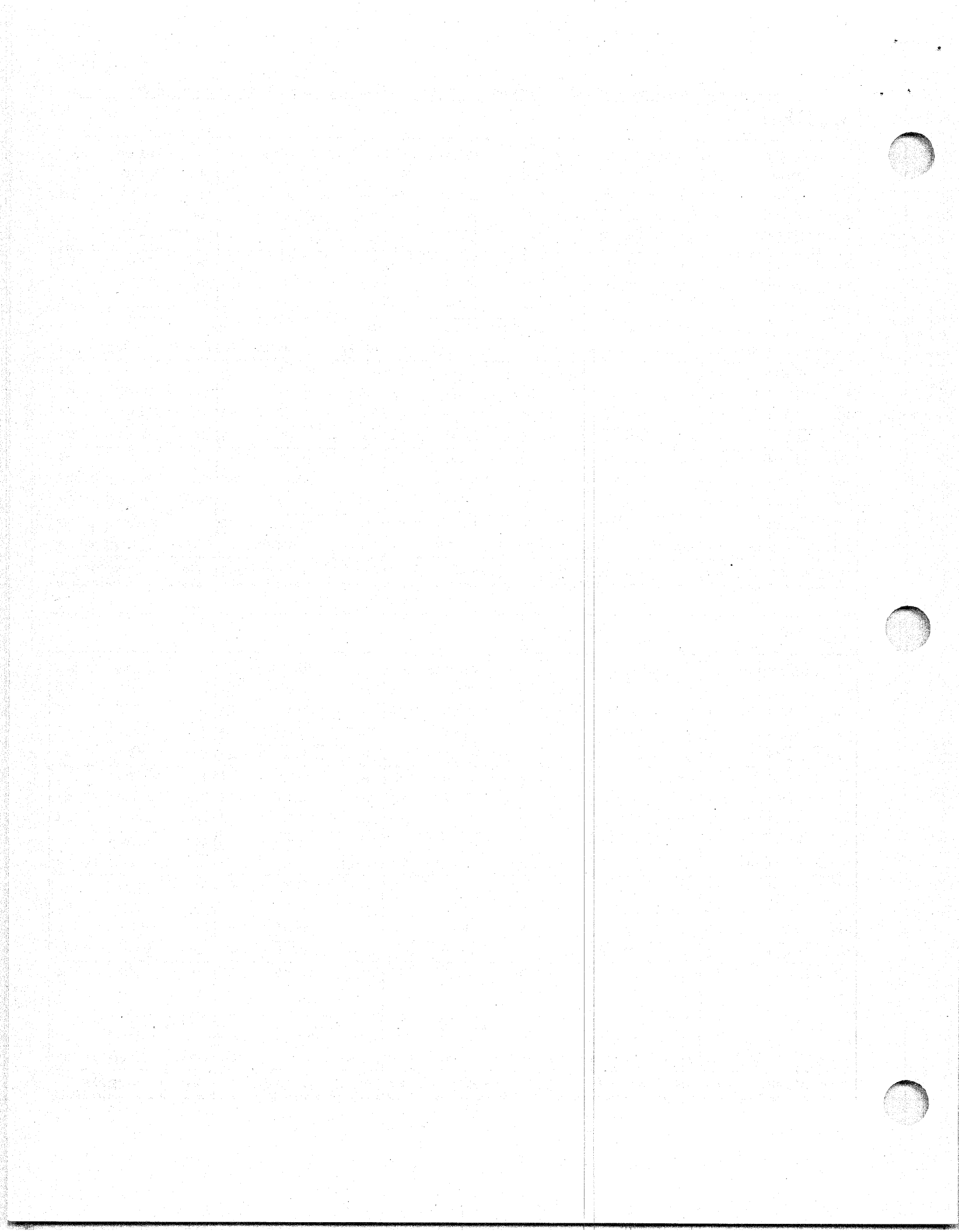
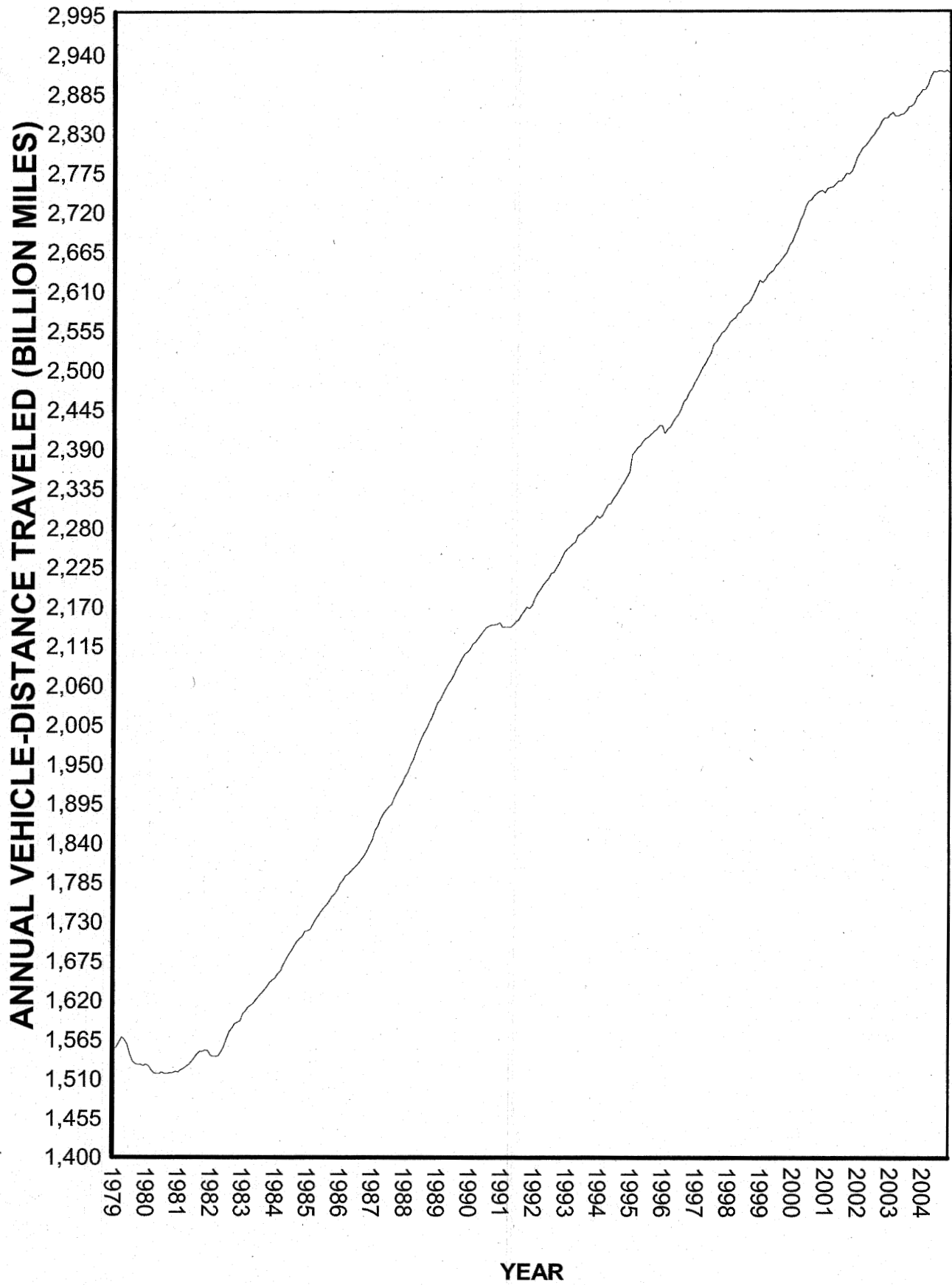


Figure - 1. Moving 12-Month Total on ALL Roads



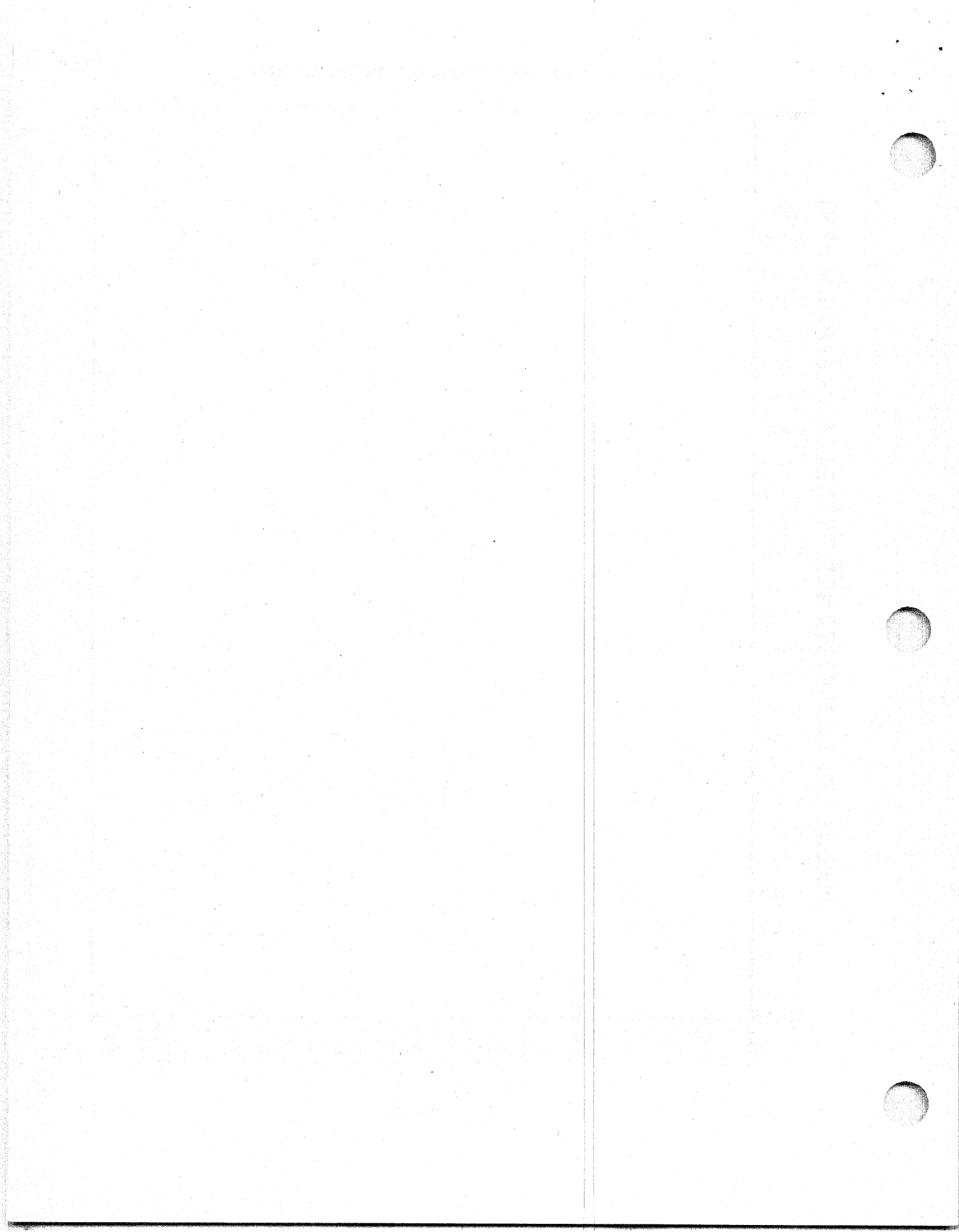
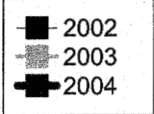
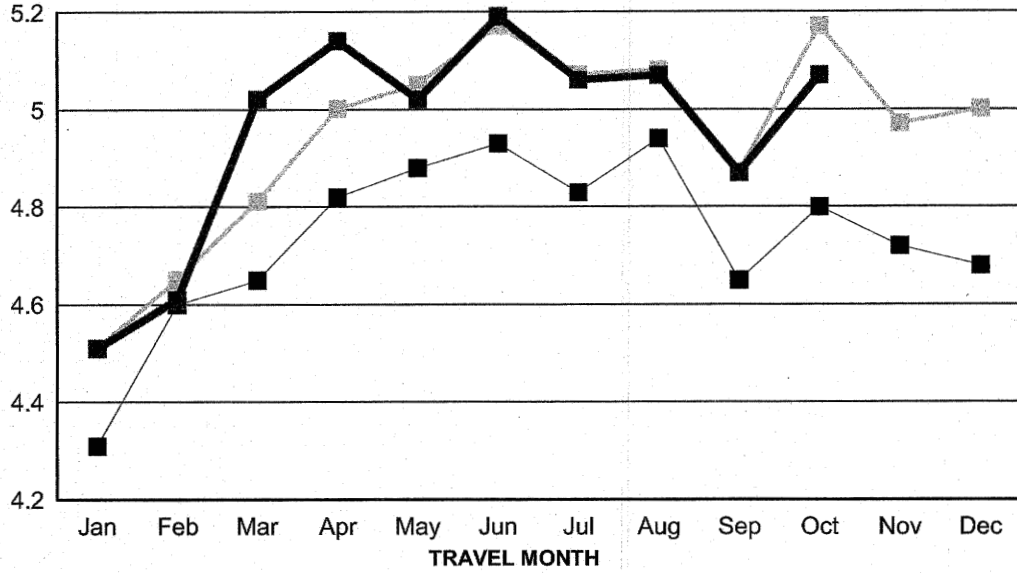


Figure - 2. Travel on U.S. Highways by Month

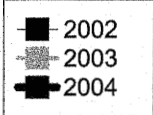
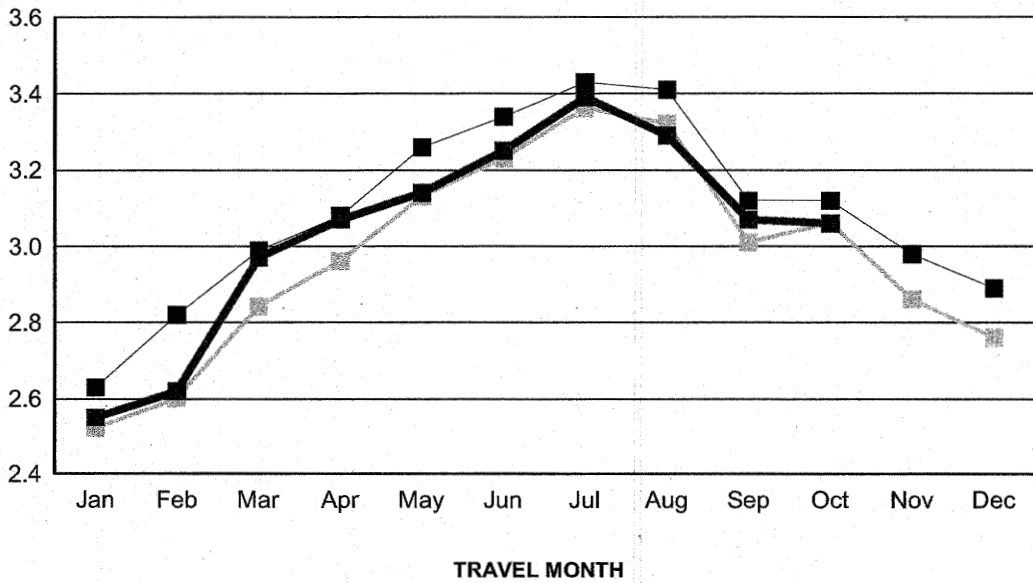
Urban Highways

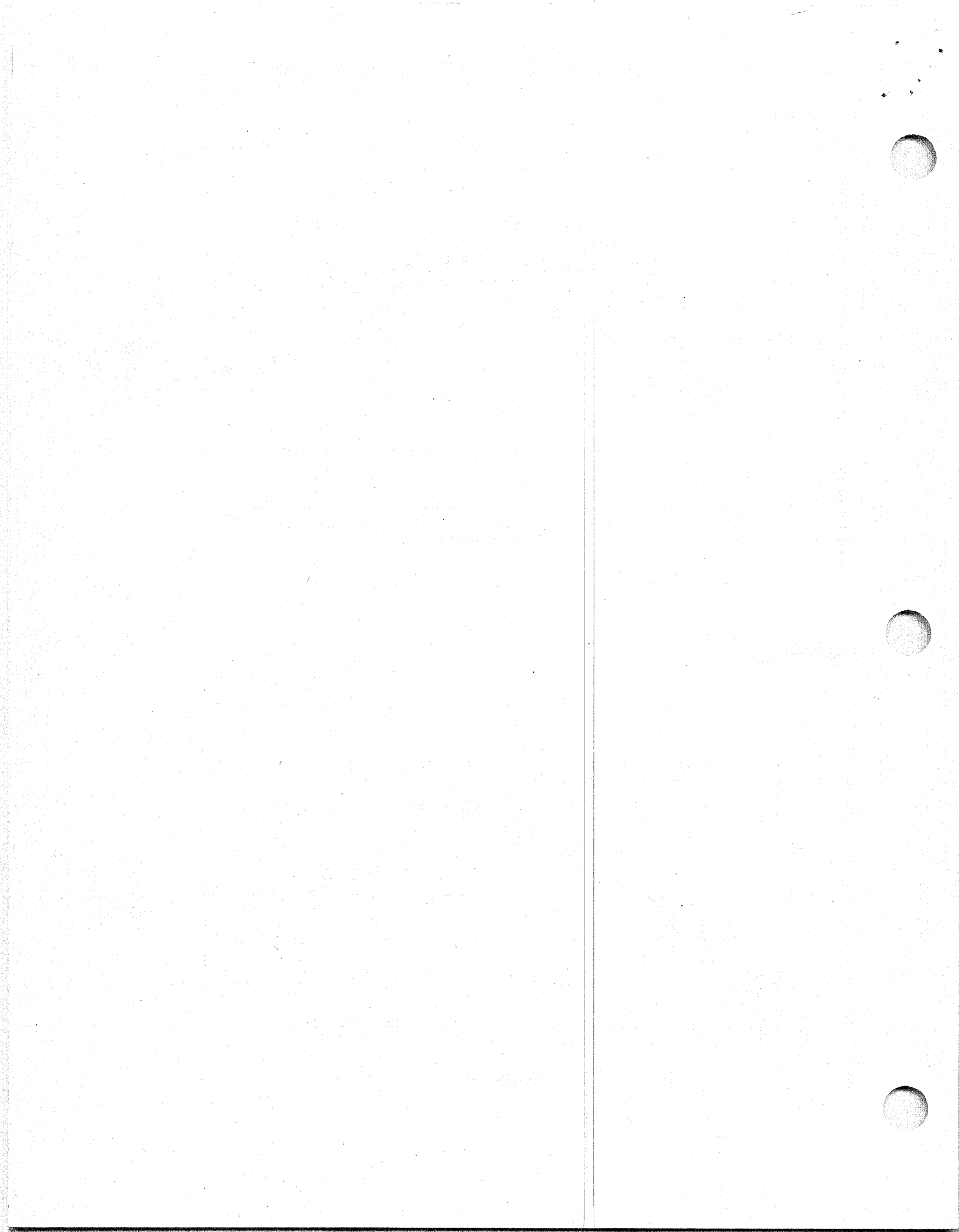
AVERAGE DAILY VEHICLE-DISTANCE TRAVELED (BILLION MILES)



Rural Highways

AVERAGE DAILY VEHICLE-DISTANCE TRAVELED (BILLION MILES)





TVT Verification Check List

October 2004

1, % Change for all roads and street

P1: -1.2, P2: -1.2, P3: -1.2, P6: -1.2, P7: -1.2, P8: -1.2

2, Total travel equals the sum of urban and rural travel

P2:

All system: 252.0 (billion), Rural: 94.8 (billion), Urban: 157.3 (billion)

P3: (table1)

All system 252.0 (billion)

Rural : $23.6 + 36.3 + 34.9 = 94.8$ (billion)

Urban : $37.5 + 84.6 + 35.1 = 157.2$ (billion)

P6 All system: 252,017

P7 All system: 252,017 (million)

Total Rural: 94,762 (million)

P8 All system: 252,017 (million)

Total Urban: 157,255 (million)

3, % Change in cumulative monthly travel

P1: 1.0, P2: 1.0, P3: 1.0, P7: 1.0, P8: 1.0

4, Cumulative monthly Vehicle-miles of travel

P1: 2,439.3 (billion)

P2: 2,439,296 (million) (year to date)

P3: 2,439.3 (billion) (table2)

P7: 2,439,296 (million)

P8: 2,439,296 (million)

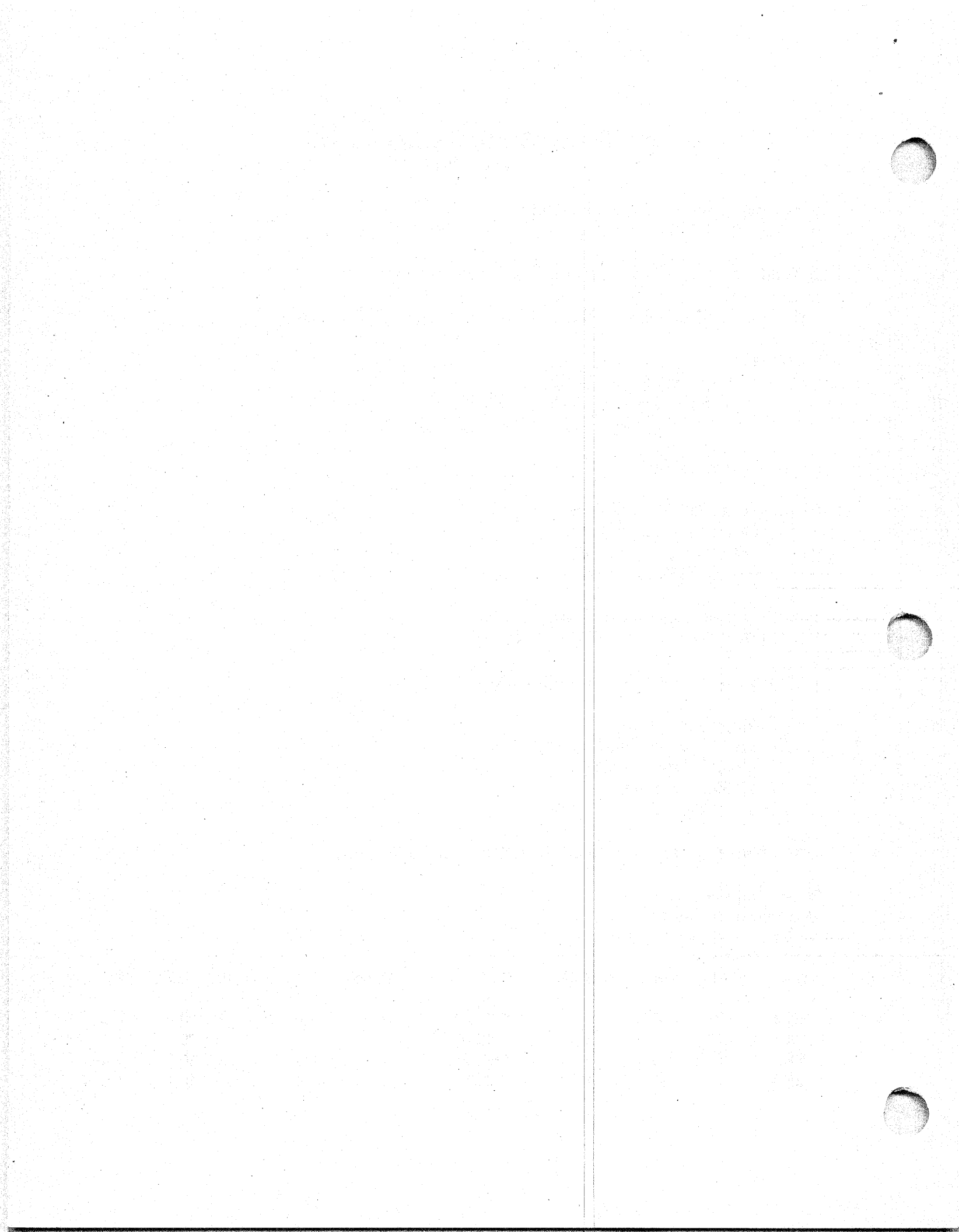
5, % Change by State; Two months station count comparison

IN Urban arterial : -5.2%

PA Urban arterial : -6.4%

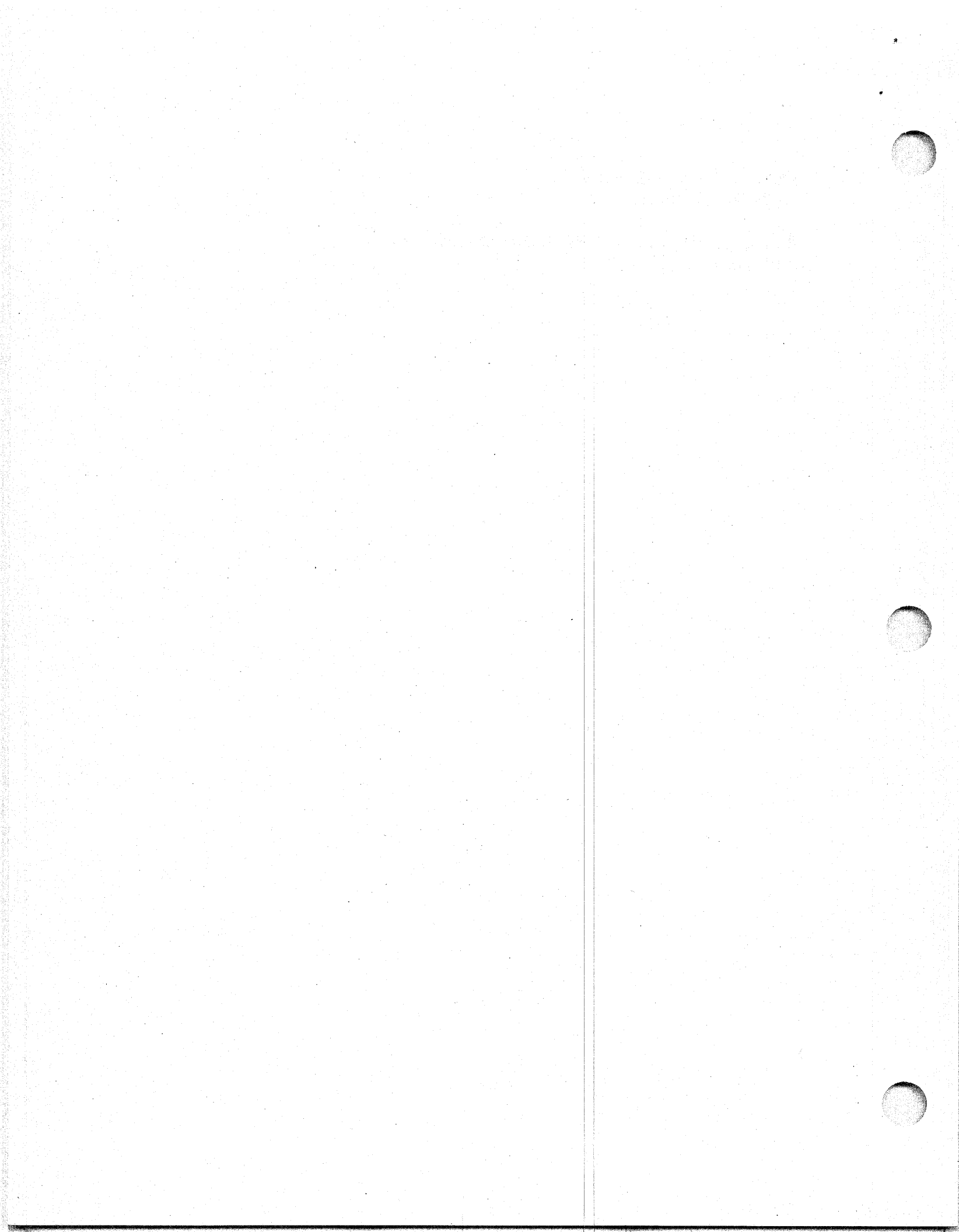
PA, fclass 16, 2 station (-12%)

YEAR	STATE	MONTH	SYSTEM	STATION	direction	LANE	station change rate	STATUS
2004	42	10	16	000018	1	0	-0.150	G
2004	42	10	16	000018	5	0	-0.070	G
2004	42	10	16	000020	1	0	-0.130	G
2004	42	10	16	000020	5	0	-0.110	G



6, Figure 1 (Moving 12-month)
2,914,708 (Millions)

Figure 2 (Average Daily Vehicle-Distance traveled)
Rural 3.06 Urban 5.07



IN Urban arterial : -5.2%

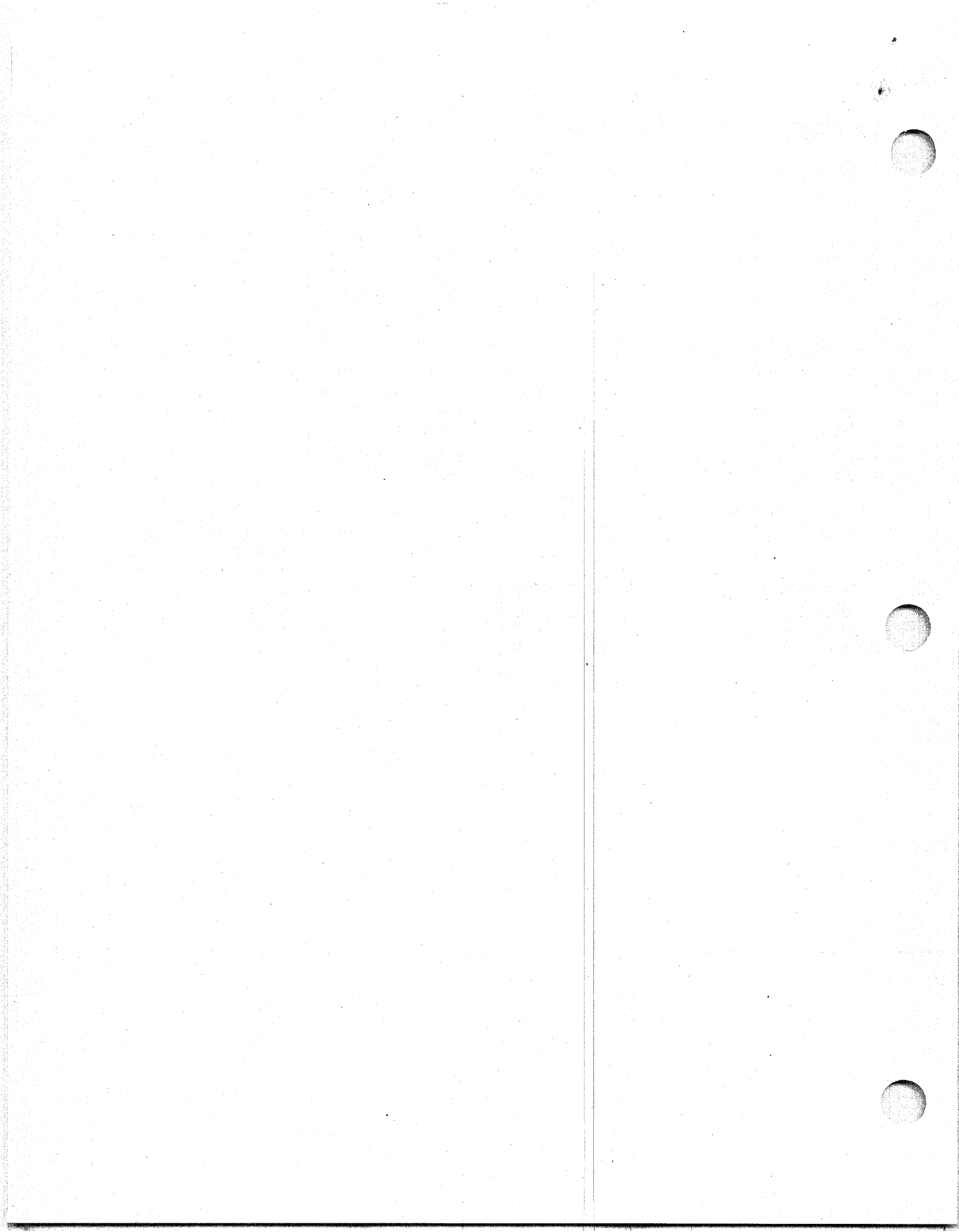
YEAR	MONTH	STATE	Fclass	no of station	VDT	Fclass change rate
2004	10	18	11	4	632643	-0.06
2004	10	18	12	4	119787	-0.03
2004	10	18	14	8	839870	-0.02
2004	10	18	16	1	611416	-0.08

PA Urban arterial : -6.4%

YEAR	MONTH	STATE	Fclass	no of station	VDT	Fclass change rate
2004	10	42	11	8	1130785	-0.01
2004	10	42	12	2	508130	-0.07
2004	10	42	14	5	1515637	-0.06
2004	10	42	16	2	1032561	-0.12

PA monthly data

YEAR	STATE	MONTH	SYSTEM	STATION	direction	LANE	station change rate	STATUS
2004	42	10	16	000018	1	0	-0.150	G
2004	42	10	16	000018	5	0	-0.070	G
2004	42	10	16	000020	1	0	-0.130	G
2004	42	10	16	000020	5	0	-0.110	G



Reference

Peng, Chan-wen

From: Peng, Chan-wen
Sent: Wednesday, December 08, 2004 3:46 PM
To: Desai, Harshad; Kashuba, Ed
Cc: Patten, Jeff; Gillmann, Ralph
Subject: CA data

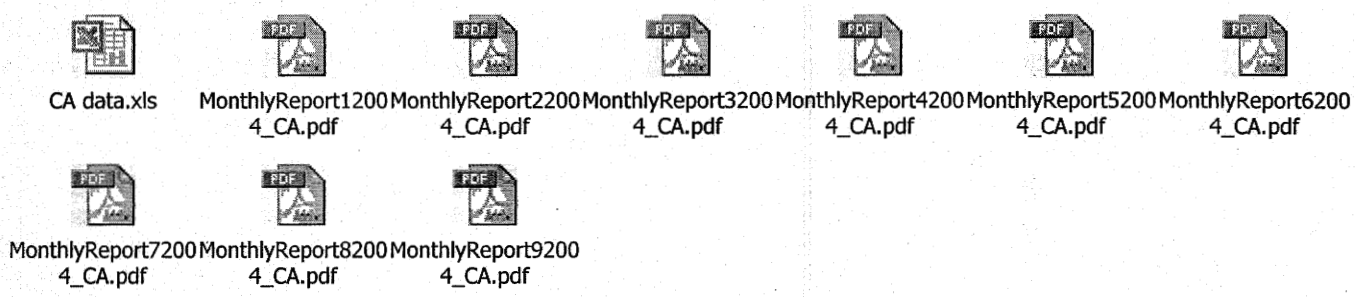
I reload CA data 2003 - 2004.
Average station number in old dataset: 60
Average station number in new dataset: 600

Attached CA DATA.xls for data analysis (April - Sep; Per month/ per fclass), and 9 monthly report.
I highlight the data if there is a big discrepancy between two fclass change rate.

Re-estimate surrounding state:
AK, AZ, HI, NV, OR based on CA to be surrounding state.

Year 2003: re-estimate NV June 2003.

Year 2004:
Re-estimate April data: AZ, NV
Re-estimate MAY data: AZ, NV, OR
Re-estimate June data: AZ
Re-estimate July data: AZ
Re-estimate August data: AZ, NV
Re-estimate September data: AK, AZ



Any question please let me know

Thanks

Chan

