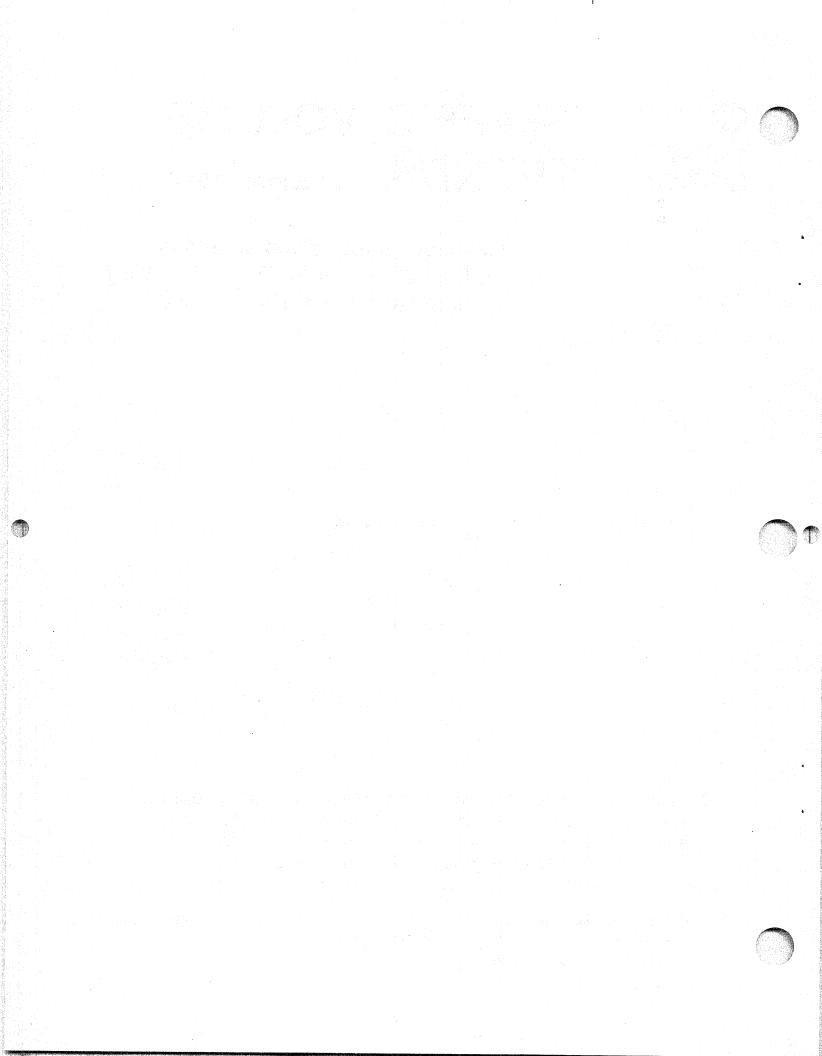


Note: All data for this month are preliminary. Revised values for the previous month are shown in Tables 1 and 2. All vehicle-miles of travel computed with 1996 Table VM-2 as a base

Compiled with data on hand as of February 11, 1998.

Publication No. FHWA-PL-98-004



## Traffic Volume Trends - December 1997

Based on preliminary reports from the State Highway Agencies, travel during December 1997 on all roads and streets in the nation increased by 3.3 percent as compared to December 1996 resulting in estimated travel for the month at 208.1 billion vehicle-miles. This total includes 78.2 billion vehicle-miles on rural roads and 129.8 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.

Т	ravel in Millio	ns							
All Roads and Streets									
Year	December	Year to Date							
1970	89,911	1,120,328							
1971	95,515	1,185,616							
1972	101,040	1,268,363							
1973	98,856	1,308,287							
1974	105,083	1,289,644							
1975	107,945	1,330,073							
1976	113,030	1,409,162							
1977	116,257	1,463,408							
1978	124,595	1,548,211							
1979	123,226	1,529,132							
1980	124,798	1,520,856							
1981	124,421	1,550,269							
1982	127,139	1,592,481							
1983	129,776	1,649,108							
1984	136,095	1,716,770							
1985	141,584	1,774,763							
1986	149,628	1,838,240							
1987	155,580	1,924,328							
1988	164,798	2,025,586							
1989	167,530	2,107,040							
1990	168,621	2,147,501							
1991	172,782	2,172,214							
1992	180,999	2,247,152							
1993	186,828	2,296,705							
1994	193,087	2,357,587							
1995	193,341	2,422,776							
1996	201,462	2,482,201							
1997	208,060	2,530,981							

*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.

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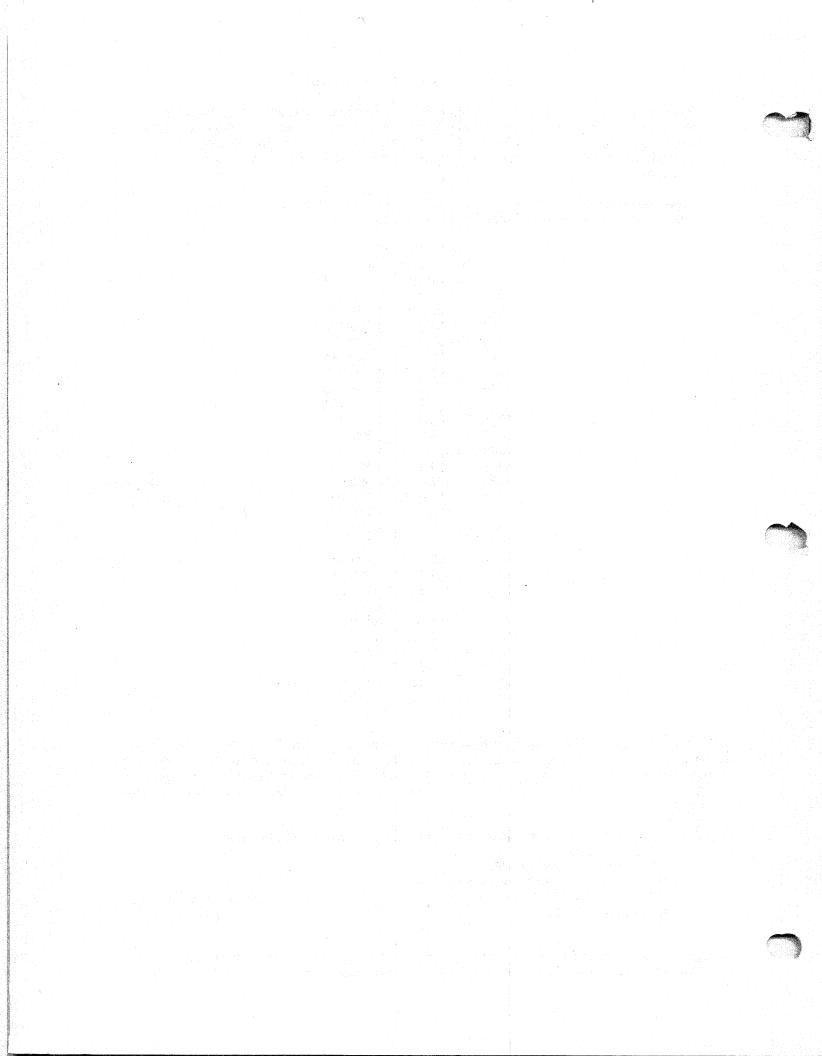
Kenneth H. Welty

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### Traffic Volume Trends - December 1997

11

Based on preliminary reports from the State Highway Agencies, travel during December 1997 on all roads and streets in the nation increased by 3.3 percent as compared to December 1996 resulting in estimated travel for the month at 208.1 billion vehicle-miles. This total includes 78.2 billion vehicle-miles on rural roads and 129.8 billion vehicle-miles on urban roads and streets.

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1994	193,087	2,357,587
1995	193,341	2,422,776
1996	198,524	2,467,303
1997	208,060	2,530,981

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*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.

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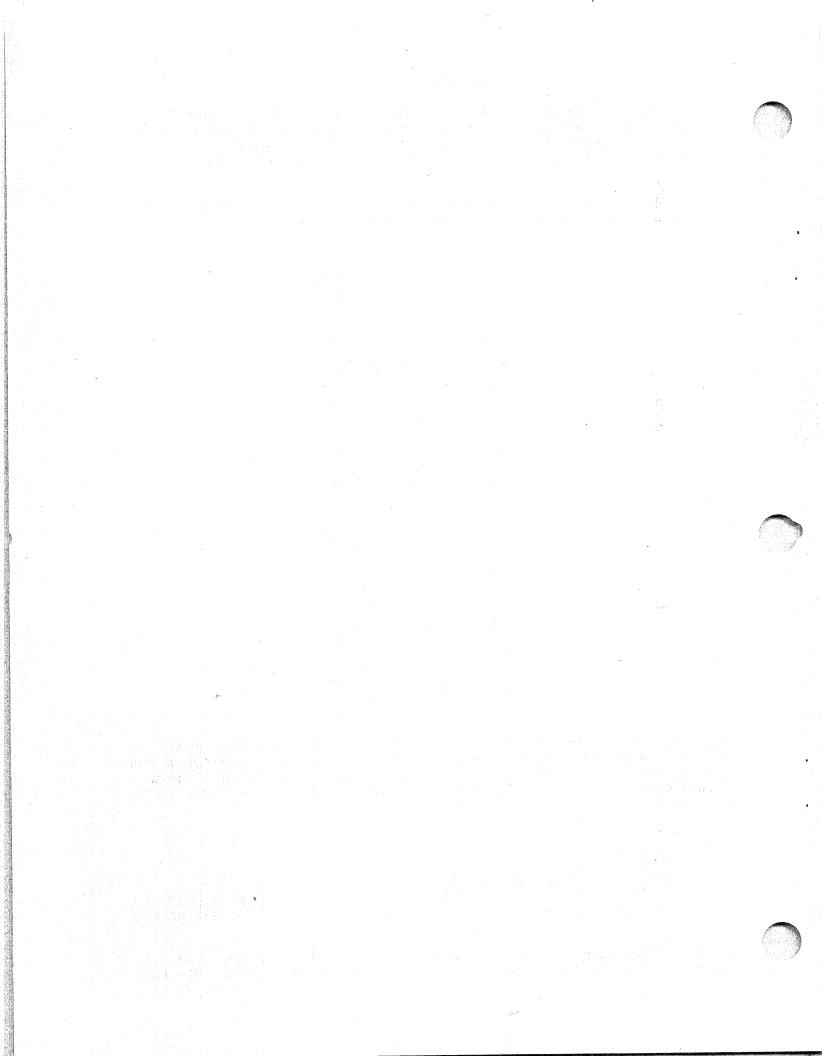
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Table 1 - Estima	ted Individual Monthl	v Motor Vehicle	Travel In The	United States

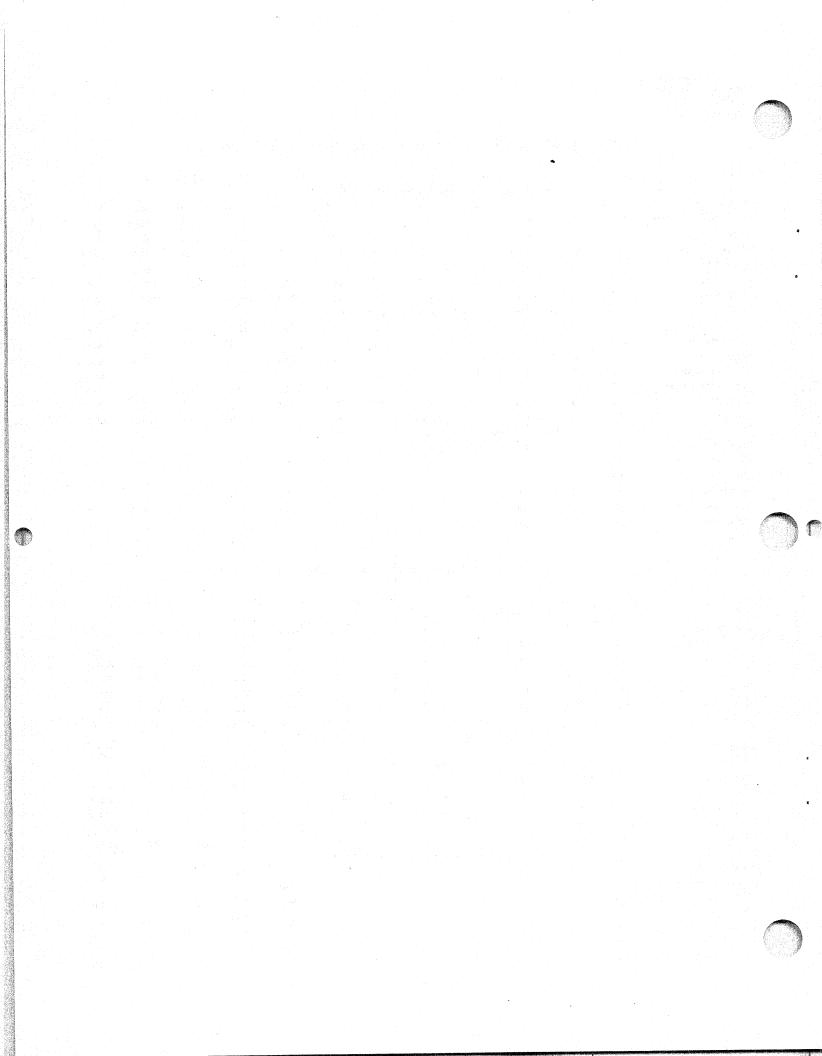
ļ

			*			Month						
System	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
			1996 Indivi	dual Monthl	y Vehicle-N	liles of Trav	el In Billion	S *				
Rural Interstate	16.1	15.6	18.7	18.9	20.3	20.9	22.5	22.9	19.4	19.9	18.5	18.
Rural Other Arterial	26.0	25.6	30.2	30.8	33.8	34.0	36.3	36.9	32.5	33.3	29.9	29.
Other Rural	25.1	23.8	28.2	28.8	31.3	31.2	32.5	32.8	29.6	30.7	27.5	27.
Urban Interstate	26.5	25.6	29.8	29.1	30.6	30.0	31.1	32.0	29.2	30.3	28.4	29.
Urban Other Arterial	64.0	61.3	69.3	69.7	73.0	70.8	72.9	74.4	69.3	72.4	67.5	68.
Other Urban	25.7	24.5	28.0	28.1	29.7	28.8	29.7	30.1	27.7	29.0	27.8	27.
All Systems	183.5	176.6	204.2	205.3	218.7	215.6	225.1	229.1	207.6	215.7	199.6	201.
			1997 Indivi	dual Monthl	y Vehicle-N	liles of Trav	el In Billion	s *				
Rural Interstate	16.7	16.5	19.6	18.8	20.8	21.2	23.2	23.5	19.7	20.6	19.2	19.
Rural Other Arterial	26.9	26.8	31.4	31.2	34.6	34.7	37.5	37.6	33.3	34.0	30.2	30.
Other Rural	25.7	24.6	29.3	29.2	31.8	31.7	33.3	33.2	30.1	31.0	27.4	28.
Urban Interstate	27.3	26.4	30.5	29.6	31.1	30.8	31.9	32.2	29.7	31.2	28.5	30.
Urban Other Arterial	65.7	63.0	71.1	70.9	73.5	72.1	74.1	74.0	69.3	72.3	67.6	71.
Other Urban	26.2	25.1	28.8	28.4	<u>29.9</u>	29.3	30.7	30.7	28.4	<u>29.3</u>	27.8	28.
All Systems	188.5	182.4	210.8	208.1	221.7	219.7	230.7	231.3	210.5	218.4	200.8	208.
		n an Aria An Arian	Percent Ch	ange In Indi	ividual Mon	thly Travel	1997 vs. 19	996	1. J. A.	- -		
Rural Interstate	3.7	5.5	4.5	-0.2	2.2	1.7	3.0	2.7	1.5	3.3	4.1	4,0
Rural Other Arterial	3.3	4.6	4.1	1.3	2.5	2.2	3.4	2.1	2.5	2.2	1.1	3.
Other Rural	2.5	3.4	4.0	1.5	1.8	1.6	2.3	1.4	2.0	0,8	-0.3	3.
Urban Interstate	2.9	2.8	2.5	1.7	1.6	2.7	2.6	0.6	1.6	3.0	0.4	2.4
Urban Other Arterial	2.6	2.7	2.6	1.8	0.7	1.8	1.6	-0.6	0.0	-0.2	0.1	З.
Other Urban	2.0	2.4	2.9	1.0	0.8	1.8	3.3	2.1	2.7	1.2	-0.1	2.
All Systems	2.7	3.3	3.2	1.4	1.4	1.9	2.5	1.0	1.4	1.3	0.6	3.

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

	Month											
System	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEP	ОСТ	NOV	DEC
			1996 Cumi	ulative Mont	hly Vehicle	Miles of Tra	avel In Billio	ons *	•			
Rural Interstate	16.1	31.7	50.5	69.3	89.6	110.5	133.0	156.0	175.4	195.3	213.8	232.4
Rural Other Arterial	26.0	51.6	81.8	112.6	146.4	180.4	216.7	253.5	286.0	319.3	349.2	378.8
Other Rural	25.1	48.9	77.1	105.8	137.1	168.3	200.8	233.6	263.2	293.9	321.4	348.8
Urban Interstate	26.5	52.2	82.0	111.1	141.7	171.7	202.8	234.8	263.9	294.3	322.6	351.9
Urban Other Arterial	64.0	125.3	194.6	264.3	337.3	408.0	481.0	555.4	624.7	697.2	764.7	833.6
Other Urban	25.7	50.3	78.3	106.4	136.0	164.8	194.5	224.6	252.2	281.2	309.0	336.6
All Systems	183.5	360.0	564.2	769.5	988.1	1203.7	1428.8	1657.8	1865.4	2081.1	2280.7	2482.2
			1997 Cumu	lative Mont	hly Vehicle	Miles of Tra	avel In Billio	ns *		•		
Rural Interstate	16.7	33.2	52.8	71.6	92.4	113.6	136.8	160.3	180.0	200.6	219.9	239.3
Rural Other Arterial	26.9	53.6	85.1	116.3	150.9	185.6	223.2	260.8	294.1	328.1	358.4	388.9
Other Rural	25.7	50.3	79.6	108.8	140.7	172.4	205.6	238.8	269.0	300.0	327.4	355.7
Urban Interstate	27.3	53.7	84.2	113.8	144.9	175.7	207.6	239.8	269.5	300.7	329.1	359.2
Urban Other Arterial	65.7	128.7	199.7	270.7	344.2	416.2	490.3	564.3	633.6	705.9	773,4	844.9
Other Urban	26.2	51.4	80.2	108.6	138.5	167.7	198.4	229.1	257.5	286.9	314.7	343.0
All Systems	188.5	370.9	581.7	789.8	1011.5	1231.2	1461.9	1693.2	1903.7	2122.1	2322.9	2531.0
			Percent Ch	ange In Cur	nulative Mo	onthly Trave	l 1997 vs.	1996				
Rural Interstate	3.7	4.6	4.6	3.3	3.0	2.8	2.8	2.8	2.7	2.7	2.8	2.9
Rural Other Arterial	3.3	3.9	4.0	3.3	3.1	2.9	3.0	2.9	2.8	2.8	2.6	2.7
Other Rural	2.5	3.0	3.3	2.8	2.6	2.4	·2.4	2.2	2.2	2.1	1.9	2.0
Urban Interstate	2.9	2.9	2.7	2.5	2.3	2.4	2.4	2.1	2.1	2.2	2.0	2.1
Urban Other Arterial	2.6	2.7	2.6	2.4	2.0	2.0	1.9	1.6	1.4	1.3	1.1	1.4
Other Urban	2.0	2.2	2.5	2.1	1.8	1.8	2.0	2.0	2.1	2.0	1.8	1.9
All Systems	2.7	3.0	3.1	2.6	2.4	2.3	2.3	2.1	2.1	2.0	1.8	2.0

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

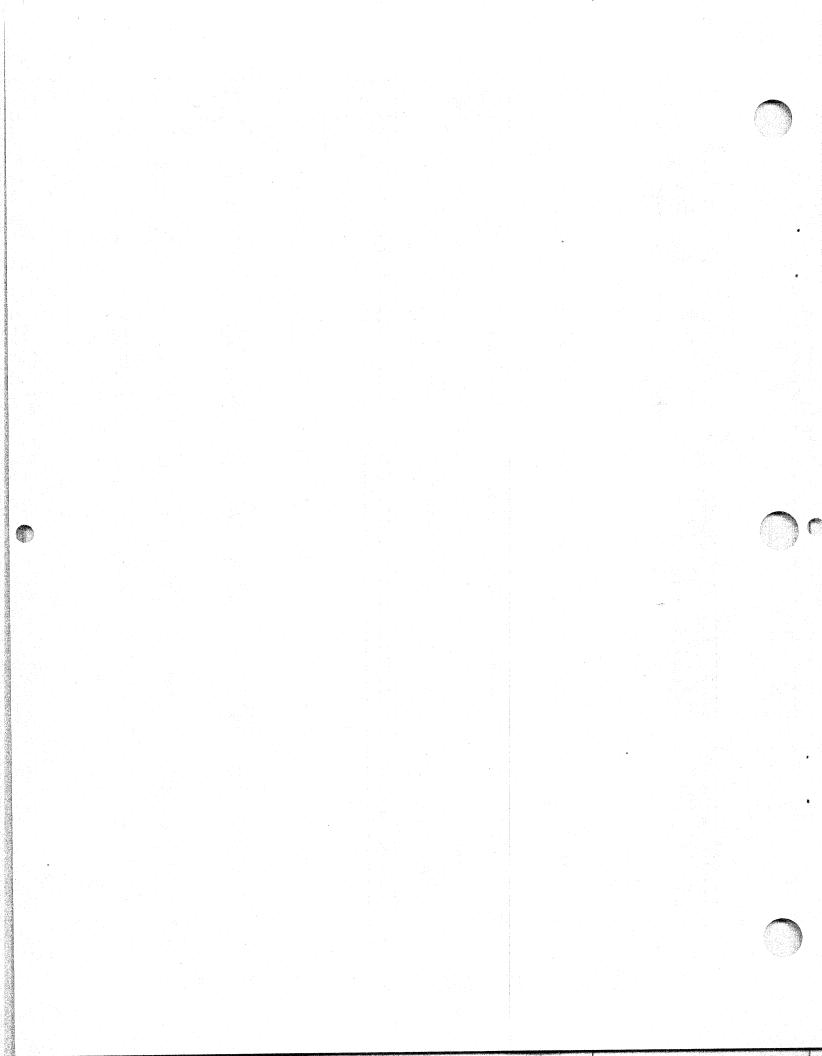


		Vehicle	December Vehicle-Miles		<u> </u>	Novemb Vehicle	Percent	
	Number	(Millions)		Percent	Number	(Milli		
Region and State	of Stations	1997 (Droliminorid)	1996	Change	of Stations	1997		
Vortheast	Stations	(Preliminary)		· · · · · · · · · · · · · · · · · · ·	Stations	(Revised)		
Connecticut	18	341	325	4.7	18	331	339	-2.2
Maine	35	402	393	2.1	35	392	398	-1.6
Massachusetts	17	439		6.8	18	422		0.1
			411				421	
New Hampshire	59	323	309	4.4	53	309	313	-1.2
New Jersey	8	620	596	3.9	8	624	627	-0.4
New York	48	1,278	1,261	1.3	46	1,280	1,303	-1.7
Pennsylvania	-	2,060	2,020	2.0	-	2,096	2,091	0.3
Rhode Island	ÍO	58	56	3.6		49	50	-1.4
Vermont	37	211	206	2.4	35	200	200	-0.1
Children	, 0,	5,730	5,578	2.7		5,703	5,741	-0.7
		0,700	0,070	2.1		0,700	0,741	0.7
South Atlantic								
Delaware	36	133	128	3.8	36	133	133	-0.1
Dist Of Columbia		0	0	0.0		0	0	0.0
Florida	203	2,304	2,274	1.3	184	2,219	2,145	3.4
						1,000		
Georgia	32	2,085	1,985	5.1	34	1,983	1,889	5.0
Maryland	-	756	733	3.2	-	710	736	-3.6
North Carolina	- 1	1,836	1,788	2.6		1,882	1,832	2.8
South Carolina	24	1,388	1,348	2.9	23	1,398	• 1,331	5.0
Virginia		1,651	1,634	1.0	-	1,630	1,646	-1.0
West Virginia	9	620	602	3.0	14	572	600	-4.7
	v	10,773	10,493	2.7		10,528	10,313	2.1
North Central								1.1
Illinois	24	1,567	1,518	3.2	28	1,585	1,525	3.9
Indiana	48	1,527	1,458	4.7	. 46	1,516	1,455	4.2
lowa	129	935	911	2.6	129	933	903	3.3
Kansas	120	742	743	-0.1	120	762	726	
	-	142						5.0
Michigan	146	1,574	1,515	3.8	141	1,691	1,628	3.9
Minnesota	-	1,096	1,035	5.8	-	1,108	1,065	4.0
Missouri	38	1,344	1,385	-3.0	43	1,410	1,371	2.8
Nebraska	30	587	549	6.9	31	596	541	10.2
North Dakota	4	260	233	11.6	5	255	250	1.9
Ohio	46	1,720	1,697	1.3	50	1,786	1,713	4.2
	40							
South Dakota		328	294	11.7	51	329	307	7.3
Wisconsin	135	<u>1,540</u> 13,218	<u>1,458</u> 12,796	5.7 3.3	122	<u>1,580</u> 13,551	<u>1,515</u> 13,001	4.3 4.2
		10,210	12,730	0.0		10,001	15,001	4.2
South Gulf								
Alabama	56	1,191	1,163	2.4	54	1,191	1,154	3.1
Arkansas	13	982	921	6.6	6	885	922	-4.0
Kentucky	41	1,068	1,036	3.1	46	1,075	1,051	2.3
Louisiana	-	863	824	4.8	-	830	830	0.1
Mississippi	68	1,038	1,025	1.3	66	1,031	1,004	2.7
Oklahoma	-	1,036	963	7.6	-	890	926	-3.9
Tennessee	12	1,468	1,489	-1.4	18	1,452	1,479	-1.9
Texas		3,560	3,473	2.5		3,310	3,337	-0.8
		11,206	10,893	2.9		10,663	10,704	-0.4
		11,200	10,000	2.0		10,003	10,704	-0.4
West			2 					
Alaska	50	77	76	1.9	49	77	74	3.7
Arizona	2	798	779	2.4	40	856	784	9.2
California	22	3,316	3,122	6.2				
Colorado	22	0,010			21	3,071	3,073	-0.1
		806	784	2.9		832	774	7.4
Hawaii	·	128	122	4.9	-	119	118	1,1
Idaho	141	356	320	11.1	150	374	347	7.8
Montana	25	389	343	13.2	24	414	384	7.8
Nevada	40	280	258	8.3	38	279	266	5.0
New Mexico	70	645	663	-2.7	68	651	624	4.4
Oregon	122	787	728	8.1				
Utah					123	829	777	6.7
	49	401	383	4.9	72	426	391	8.9
Washington	46	795	685	16.0	53	836	752	11.2
Wyoming	118	262	248	5.6	120	284	267	6.3
·····		9,040	8,512	6.2		9,045	8,629	4.8
TOTAL	e	49,967	48,273	3.5		10.10		
		49 9h/	48 2/31	35.1		49,491	48,387	2.3

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

II.

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.



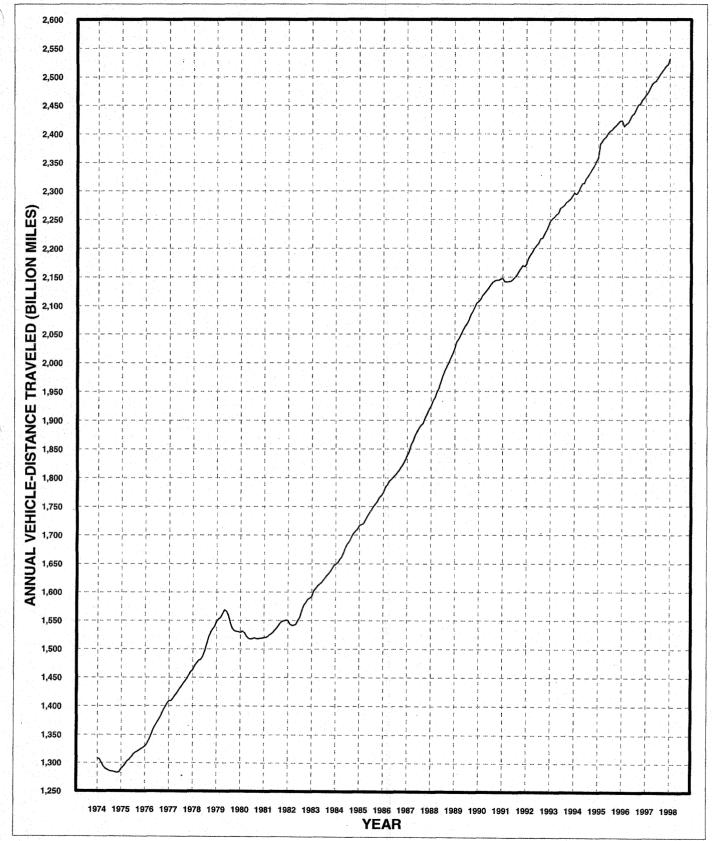
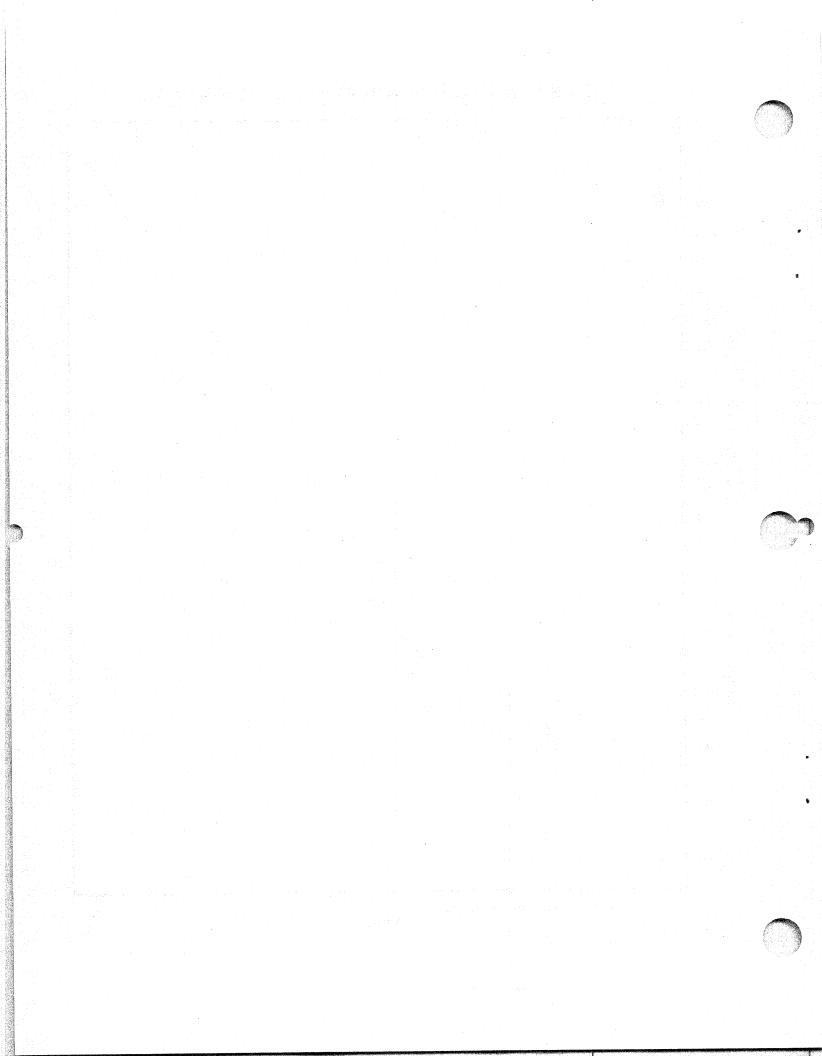
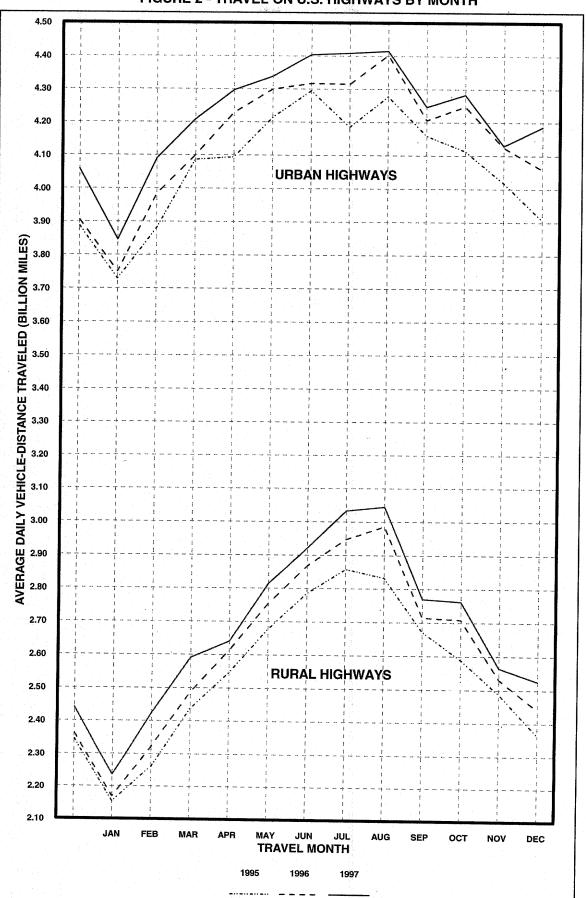


FIGURE 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS

1

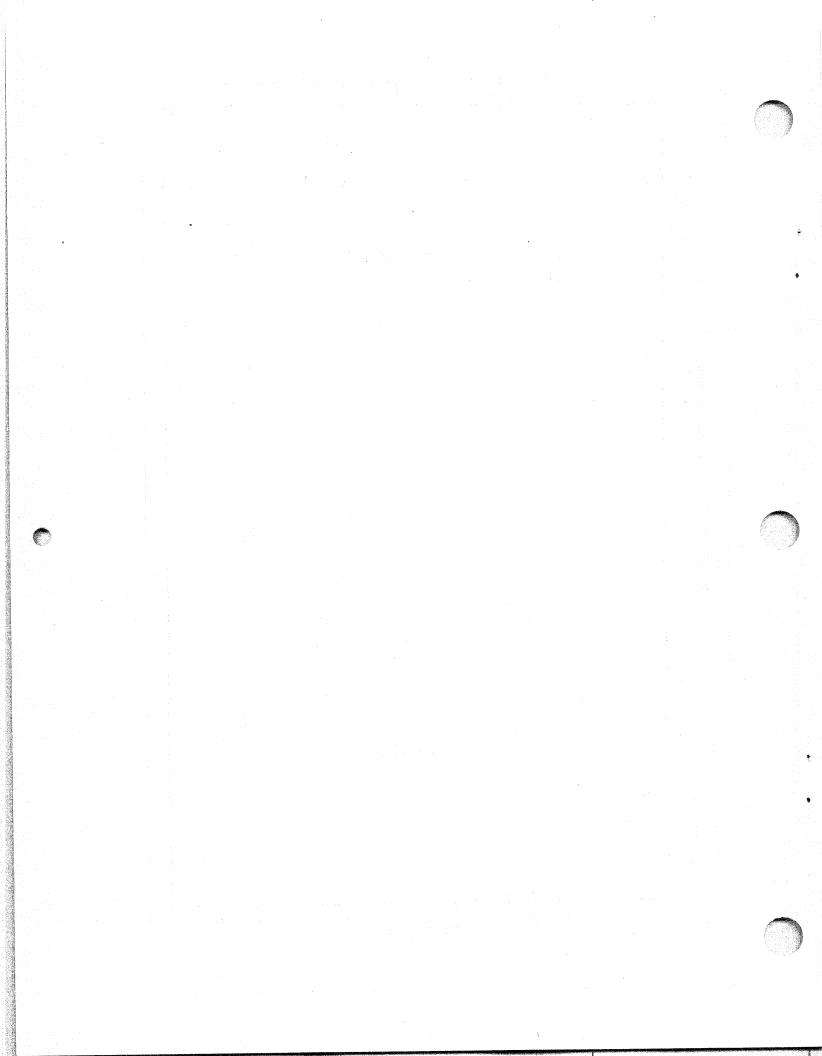
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FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH



# IMPORTANT NOTICE

Because of funding constraints, this will be the last printed version of the MONTHLY TRAFFIC VOLUME TRENDS until furthur notice. The report is currently being put on the FHWA Office of Highway Information Management website at the following address:

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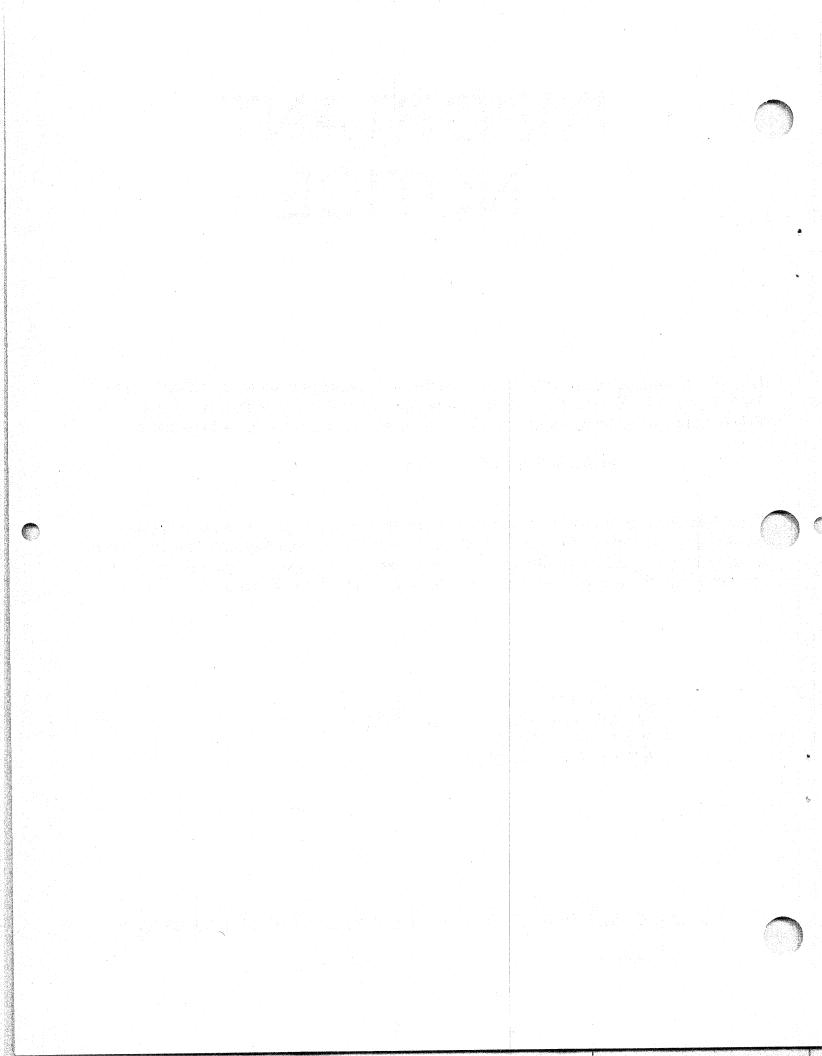
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KENNETH H. WELTY FEDERAL HIGHWAY ADMINISTRATION ROOM 3306 - HPM-30 WASHINGTON, DC 20590

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# Federal Highway Administration

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