

NATIONAL HIGHWAY SYSTEM LENGTH - 2004
MILES BY VOLUME - SERVICE FLOW RATIO - RURAL 1/

TABLE HM-42
 SHEET 1 OF 2

OCTOBER 2005

STATE	VOLUME-SERVICE FLOW RATIO (V/SF)																				
	INTERSTATE SYSTEM							OTHER							TOTAL						
	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL
Alabama	-	183	267	71	43	-	564	582	1,106	321	-	-	7	2,016	582	1,289	588	71	43	7	2,580
Alaska	591	250	119	3	16	34	1,013	753	191	10	-	-	-	954	1,344	441	129	3	16	34	1,967
Arizona	133	538	280	17	5	8	981	346	511	189	-	55	9	1,112	479	1,049	469	72	14	10	2,093
Arkansas	-	141	273	19	25	8	466	576	791	342	-	51	39	1,799	576	932	615	19	76	47	2,265
California	25	381	351	201	315	74	1,347	649	1,363	1,148	116	-	297	3,640	674	1,744	1,499	317	612	141	4,987
Colorado	232	317	125	4	-	-	678	802	644	231	51	-	104	1,859	1,034	961	356	55	104	27	2,537
Connecticut	-	10	17	12	5	-	44	18	63	68	2	2	4	157	18	73	85	14	7	4	201
Delaware	-	-	-	-	-	-	-	9	80	49	7	-	6	157	9	80	49	7	6	6	157
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	225	495	9	18	-	747	317	862	189	4	-	23	1,395	317	1,087	684	13	18	23	2,142
Georgia	121	296	302	-	1	-	720	1,422	568	188	-	-	-	2,178	1,543	864	490	-	1	-	2,898
Hawaii	-	-	6	-	-	-	6	-	81	58	2	-	18	160	-	81	64	2	18	1	166
Idaho	238	277	5	-	-	-	520	1,004	549	51	8	-	8	1,633	1,242	826	56	8	8	13	2,153
Illinois	314	783	332	21	27	8	1,485	1,261	508	-	-	1	13	1,783	1,575	1,291	332	21	28	21	3,268
Indiana 2/	91	598	159	-	4	-	852	300	774	242	4	-	5	1,329	391	1,372	401	4	9	4	2,181
Iowa	29	320	249	29	1	-	628	1,035	952	41	-	-	-	2,028	1,064	1,272	290	29	1	-	2,656
Kansas	265	382	20	-	-	-	667	2,093	493	51	-	-	-	2,637	2,358	875	71	-	-	-	3,304
Kentucky	-	163	351	25	13	-	552	706	644	301	27	-	33	1,727	706	807	652	52	46	16	2,279
Louisiana	42	196	258	30	-	-	526	339	693	104	-	1	1	1,138	381	889	362	30	1	1	1,664
Maine	141	119	45	5	4	-	314	273	345	165	-	7	-	790	414	464	210	5	11	-	1,104
Maryland	42	28	64	11	13	27	185	109	134	168	10	-	11	438	151	162	232	21	24	33	623
Massachusetts	7	28	18	23	1	14	91	54	34	58	18	-	-	164	61	62	76	41	1	14	255
Michigan	48	297	225	35	8	-	613	619	1,095	365	21	-	18	2,142	667	1,392	590	56	32	18	2,755
Minnesota	196	129	212	42	41	62	682	663	1,383	418	64	-	24	2,566	859	1,512	630	106	71	70	3,248
Mississippi	44	336	60	25	16	-	481	690	626	400	-	-	4	1,720	734	962	460	25	16	4	2,201
Missouri	98	284	332	20	51	16	801	729	1,435	430	10	-	19	2,628	827	1,719	762	30	70	21	3,429
Montana	900	229	-	-	-	-	1,129	1,932	600	79	-	5	-	2,616	2,832	829	79	-	5	-	3,745
Nebraska	90	227	101	6	-	-	424	1,832	392	14	-	-	-	2,238	1,922	619	115	6	-	-	2,662
Nevada 2/	346	67	36	2	2	27	480	1,087	216	70	14	-	12	1,436	1,433	283	106	16	14	64	1,916
New Hampshire 2/	28	72	52	17	11	5	185	69	186	195	11	-	12	476	97	258	247	28	23	8	661
New Jersey	-	14	17	8	13	13	65	9	67	81	-	79	19	255	9	81	98	8	92	32	320
New Mexico	278	392	165	8	-	1	844	1,074	519	83	-	-	32	1,708	1,352	911	248	8	-	33	2,552
New York	102	292	381	57	50	66	948	515	868	326	21	-	53	1,821	617	1,160	707	78	103	104	2,769
North Carolina	9	76	268	76	103	128	660	134	1,054	747	67	-	70	2,216	143	1,130	1,015	143	173	272	2,876
North Dakota	376	145	-	-	-	-	521	2,000	88	-	-	-	-	2,088	2,376	233	-	-	-	-	2,609
Ohio	36	150	372	58	66	42	724	734	697	144	19	-	3	1,597	770	847	516	77	69	42	2,321
Oklahoma	63	405	178	17	20	1	684	1,344	625	87	-	-	-	2,056	1,407	1,030	265	17	20	1	2,740
Oregon	56	262	218	6	10	2	554	939	1,035	523	40	-	35	2,614	995	1,297	741	46	52	37	3,168
Pennsylvania	57	512	431	40	22	14	1,076	737	746	262	37	-	15	1,797	794	1,258	693	77	37	14	2,873
Rhode Island	-	-	-	7	11	1	19	19	22	6	-	-	-	47	19	22	6	7	11	1	66
South Carolina	12	15	320	76	184	62	669	356	611	289	5	-	8	1,301	368	626	609	81	192	94	1,970
South Dakota	306	289	14	-	-	-	609	1,798	334	32	8	-	11	2,187	2,104	623	46	8	11	4	2,796
Tennessee	28	138	431	38	43	15	693	384	638	339	39	-	4	1,409	412	776	770	77	47	20	2,102
Texas	772	640	627	15	84	53	2,191	3,151	2,512	610	93	-	21	6,393	3,923	3,152	1,237	108	105	59	8,584
Utah	344	280	95	-	-	-	719	283	499	107	9	-	27	974	627	779	202	9	27	49	1,693
Vermont	90	108	82	-	1	-	281	41	196	77	-	4	5	323	131	304	159	-	5	5	604
Virginia	44	214	393	7	7	-	665	886	368	98	6	-	14	1,372	930	582	491	13	7	14	2,037
Washington	20	237	171	22	18	-	468	822	965	209	11	-	13	2,014	842	1,182	380	33	31	14	2,482
West Virginia	72	238	147	2	-	-	459	499	447	151	2	-	39	1,145	571	685	298	4	39	7	1,604
Wisconsin	5	30	332	55	50	-	472	391	1,708	345	-	4	4	2,452	396	1,738	677	55	54	4	2,924
Wyoming	523	284	20	-	-	-	827	1,419	414	83	30	-	6	1,956	1,942	698	103	30	6	4	2,783
U.S. Total	7,214	11,597	9,416	1,119	1,302	681	31,329	37,804	31,712	10,544	811	-	1,054	82,641	45,018	43,309	19,960	1,930	2,356	1,397	113,970
Puerto Rico	-	9	21	-	-	1	31	13	10	7	-	-	-	30	13	19	28	-	-	1	61
Grand Total	7,214	11,606	9,437	1,119	1,302	682	31,360	37,817	31,722	10,551	811	-	1,054	82,671	45,031	43,328	19,988	1,930	2,356	1,398	114,031

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2004
MILES BY VOLUME - SERVICE FLOW RATIO - URBAN 1/

TABLE HM-42
 SHEET 2 OF 2

OCTOBER 2005

STATE	VOLUME-SERVICE FLOW RATIO (V/SF)																				
	INTERSTATE SYSTEM							OTHER							TOTAL						
	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL	< 0.21	0.21-0.40	0.41-0.70	0.71-0.79	0.80-0.95	> 0.95	TOTAL
Alabama	-	40	130	39	52	57	318	61	330	247	31	20	26	715	61	370	377	70	72	83	1,033
Alaska	3	35	27	1	3	-	69	17	25	14	5	5	8	74	20	60	41	6	8	8	143
Arizona	-	32	66	23	21	46	188	28	118	155	29	74	28	432	28	150	221	52	95	74	620
Arkansas	1	16	77	29	25	40	188	64	77	62	8	26	14	251	65	93	139	37	51	54	439
California	1	25	144	109	288	543	1,110	44	193	423	148	309	412	1,529	45	218	567	257	597	955	2,639
Colorado	26	48	94	20	30	39	257	119	204	275	17	93	34	742	145	252	369	37	123	73	999
Connecticut	-	12	93	58	101	39	303	19	94	192	56	53	45	459	19	106	285	114	154	84	762
Delaware	-	-	16	10	6	8	40	5	35	68	8	6	1	123	5	35	84	18	12	9	163
Dist. of Columbia	-	-	6	1	3	2	12	-	4	30	10	17	8	69	-	4	36	11	20	10	81
Florida	1	10	276	51	187	162	687	47	380	531	76	136	200	1,370	48	390	807	127	323	362	2,057
Georgia	-	99	204	51	137	28	519	415	348	150	18	5	17	953	415	447	354	69	142	45	1,472
Hawaii	2	8	21	6	7	5	49	8	26	67	11	8	5	125	10	34	88	17	15	10	174
Idaho	5	34	15	13	10	15	92	18	49	32	5	6	5	115	23	83	47	18	16	20	207
Illinois	13	162	86	50	86	279	676	131	451	771	142	185	41	1,721	144	613	857	192	271	320	2,397
Indiana 2/	6	93	136	16	43	23	317	29	129	136	34	33	6	367	35	222	272	50	76	29	684
Iowa	1	23	73	10	30	16	153	150	159	96	-	-	-	405	151	182	169	10	30	16	558
Kansas	24	50	78	3	9	21	185	105	93	31	7	8	9	253	129	143	109	10	17	30	438
Kentucky	-	11	59	21	58	59	208	25	106	158	39	22	36	386	25	117	217	60	80	95	594
Louisiana	11	23	111	39	28	56	268	56	155	133	22	79	90	535	67	178	244	61	107	146	803
Maine	10	24	16	2	1	-	53	10	74	41	1	4	1	131	20	98	57	3	5	1	184
Maryland	6	13	83	29	101	64	296	20	112	235	46	68	28	509	26	125	318	75	169	92	805
Massachusetts	4	51	186	43	86	108	478	60	330	485	101	138	105	1,219	64	381	671	144	224	213	1,697
Michigan	19	65	261	58	145	83	631	90	351	640	118	106	58	1,363	109	416	901	176	251	141	1,994
Minnesota	4	9	36	20	48	113	230	45	106	135	74	36	92	488	49	115	171	94	84	205	718
Mississippi	1	52	83	12	27	29	204	75	162	118	14	24	16	409	76	214	201	26	51	45	613
Missouri	24	36	132	43	90	54	379	127	179	247	22	25	41	641	151	215	379	65	115	95	1,020
Montana	19	42	-	-	-	-	61	10	24	30	2	-	-	66	29	66	30	2	-	-	127
Nebraska	2	13	26	6	7	4	58	42	78	104	13	18	10	265	44	91	130	19	25	14	323
Nevada 2/	12	4	12	21	15	14	78	6	29	29	9	20	11	104	18	33	41	30	35	25	182
New Hampshire 2/	4	2	21	9	4	11	51	6	31	53	8	8	8	114	10	33	74	17	12	19	165
New Jersey	1	20	93	39	59	155	367	75	231	438	125	145	364	1,378	76	251	531	164	204	519	1,745
New Mexico	24	38	67	6	2	19	156	83	107	28	1	5	1	225	107	145	95	7	7	20	381
New York	13	116	201	113	70	195	708	84	279	762	95	126	297	1,643	97	395	963	208	196	492	2,351
North Carolina	-	1	93	70	91	130	385	35	96	212	45	76	51	515	35	97	305	115	167	181	900
North Dakota	19	23	9	-	-	-	51	26	25	11	-	-	-	62	45	48	20	-	-	-	113
Ohio	12	44	242	60	261	230	849	251	479	338	60	49	36	1,213	263	523	580	120	310	266	2,062
Oklahoma	11	57	93	20	41	25	247	92	155	76	7	22	13	365	103	212	169	27	63	38	612
Oregon	11	29	61	15	35	21	172	23	122	164	40	21	26	396	34	151	225	55	56	47	568
Pennsylvania	23	86	286	96	78	114	683	188	698	663	125	167	70	1,911	211	784	949	221	245	184	2,594
Rhode Island	-	-	16	7	4	20	47	5	36	81	5	13	10	150	5	36	97	12	17	30	197
South Carolina	2	4	62	16	35	38	157	22	93	214	54	41	44	468	24	97	276	70	76	82	625
South Dakota	7	45	18	-	-	-	70	21	23	24	2	-	-	70	28	68	42	2	-	-	140
Tennessee	6	41	181	18	57	108	411	52	231	265	37	99	41	725	58	272	446	55	156	149	1,136
Texas	27	135	272	120	249	236	1,039	475	919	1,214	311	335	399	3,653	502	1,054	1,486	431	584	635	4,692
Utah	9	38	91	28	39	10	215	10	101	104	22	11	13	261	19	139	195	50	50	23	476
Vermont	4	13	21	-	2	-	40	6	14	25	4	4	4	57	10	27	46	4	6	4	97
Virginia	21	22	183	64	80	62	432	100	361	385	51	47	24	968	121	383	568	115	127	86	1,400
Washington	-	38	151	39	67	2	297	87	172	211	47	77	30	624	87	210	362	86	144	32	921
West Virginia	-	38	52	3	1	-	94	9	52	38	4	11	4	118	9	90	90	7	12	4	212
Wisconsin	-	26	146	21	39	39	271	63	406	321	52	67	63	927	63	432	467	73	106	102	1,243
Wyoming	49	38	1	-	-	-	88	46	31	4	-	-	-	81	95	69	5	-	-	-	169
U.S. Total	438	1,884	4,907	1,528	2,858	3,322	14,937	3,585	9,083	11,266	2,161	2,848	2,845	31,788	4,023	10,967	16,173	3,689	5,706	6,167	46,725
Puerto Rico	4	44	108	23	20	35	234	10	20	31	8	21	13	103	14	64	139	31	41	48	337
Grand Total	442	1,928	5,015	1,551	2,878	3,357	15,171	3,595	9,103	11,297	2,169	2,869	2,858	31,891	4,037	11,031	16,312	3,720	5,747	6,215	47,062

For footnotes, see Footnotes Page.

NATIONAL HIGHWAY SYSTEM LENGTH - 2004

MILES BY VOLUME - SERVICE FLOW RATIO

HM-42 Footnotes Page:

1/ In 2001, updated capacity (service flow) calculation procedures were instituted in the HPMS data reporting process. The procedures are based on the Highway Capacity Manual 2000, published by the Transportation Research Board. For multilane facilities volume-service flow ratio is determined by dividing the peak traffic in the peak direction by the capacity. For all other facilities the ratio is determined by dividing the peak traffic by the capacity. Peak traffic is estimated as AADT *K, where K is the design hour volume (30th highest hour) as a percent of AADT. Some differences from other tables may be noted because these are estimated from sample data and do not include samples entirely on structures.

2/ 2003 data used.